City of La Crosse, Wisconsin

City Hall
400 La Crosse Street
La Crosse, WI 54601

Meeting Agenda - Final

Common Council

Thursday, April 9, 2026 | **6:00 PM** | **Council Chambers, City Hall, First Floor**

This meeting is open for in-person attendance and will also be available through video conferencing. The meeting can be viewed only (no participation) by visiting the Legislative Information Center Meetings calendar (https://cityoflacrosse.legistar.com/Calendar.aspx) - find the scheduled meeting and click on the "In Progress" video link to the far right in the meeting list.

Members of the public who would like to provide written comments on any agenda may do so by emailing cityclerk@cityoflacrosse.org, using the green drop box outside of City Hall, or mailing to City Clerk, 400 La Crosse Street, La Crosse WI 54601.

Council President Tamra Dickinson, Presiding

Roll Call

Pledge of Allegiance

Moment of Silence

We recognize that the City of La Crosse occupies the land of the Ho-Chunk people. Please take a moment to celebrate and honor the ancestral Ho-Chunk Land, and the sacred lands of all indigenous people.

Approval of Minutes

Minutes of March 3, 2026 Special meeting and March 12, 2026 Regular meeting.

Reports

26-0384 Financial Report from the Director of Finance for the Month of February.

Notices and Discussions

COMMON COUNCIL MATTERS

26-0383 Resolution approving 2025/2026 Bills and Engineering Estimates paid in April 2026.

APPOINTMENTS BY THE MAYOR

26-0253 Board of Zoning Appeals: Rachel MacFarland. Economic and Community Development Committee: Gina Miller.

Referred from March 2026 meetings

26-0375 Aviation Board: Jeannie Groskreutz, Scott Arenz. Bicycle and Pedestrian Advisory Committee: Randi Pueschner. Building & Housing Appeals Board: Vince Ristow. Citizens Board of Review: Fred Giese, Heather Talbot. City Plan Commission: Katrina Bjornstad. Library Board: Marlene De La Cruz-Guzman, Suzanne Anglehart.

REPORT OF BIDS/QUOTES RECOMMENDED TO BE ADOPTED

26-0315 Report of Bids and Resolution awarding contract to Gerke Excavating Inc. in the amount of $207,061.40 for the St. Cloud St - Avon Street to Liberty Street project.

26-0317 Report of Bids and Resolution awarding contract to Fowler & Hammer, Inc. in the amount of $99,620.50 for the 2026 Annual Sidewalk Infill project.

26-0318 Report of Bids and Resolution awarding contract to A-1Excavating LLC in the amount of $604,415.00 for the Vine Street - 15th Street to 16th Street & 16th Street - Vine Street to State Street project.

REPORT OF BIDS RECOMMENDED TO BE REJECTED

Bids Over Budget

26-0327 Report of Bids for the Non-compliant Laterals-King St project.

ITEMS RECOMMENDED TO BE ADOPTED

26-0238 Resolution allocating unused Sanitary Sewer funds for the final payment on the Waste Water Treatment Plant upgrades.

2/3 Vote required of the Council; funds not previously adopted in Capital Budget.
Vote of 5-0 out of the Finance & Personnel Committee.

26-0276 Resolution appropriating Tax Incremental District (TID) 11 funds for Civic Center Park.

Vote of 4-1 out of the Finance & Personnel Committee.

26-0314 Resolution approving the carryover of unexpended appropriations from the 2025 Operating Budget to the 2026 Operating Budget and 2025 year-end budget adjustments for department cost overruns.

Vote of 3-2 out of the Finance & Personnel Committee.

CONSENT AGENDA

The following consent agenda will be approved with a single voice vote, based on the recommended actions, unless an item is removed at the request of the Mayor or a Council Member.

ITEMS RECOMMENDED TO BE ADOPTED

25-0994 Resolution approving the Arts Board to be renamed as the Arts and Culture Board.

26-0136 Resolution approving application of A & S Foster LLC dba Bottoms Up for an Expansion of Alcohol Beverage License & Street Privilege Permit for a special event at 500 Copeland Ave on June 13, 2026.

26-0164 Resolution granting various license applications pursuant to Chapters 4, 6, and/or 10 of the La Crosse Municipal Code for the license period 2025-2026 (April).

26-0204 Resolution dedicating City property, Lot 42 of Sexauer's Addition, to the public for right-of-way purposes and approving request from Badger Corrugating Company to vacate a portion thereof.

26-0246 Resolution denying application of Rolling Trees LLC dba Rolling Trees for a Cigarette, Tobacco, and Electronic Vaping Device License and appeal of denial by the Police Department. *(Note: The Committee and/or Council may convene in closed session pursuant to Wis. Stats. sec. 19.85(1)(a) to deliberate its decision. Following any closed session, the Committees and/or Council may reconvene in open session.)*

26-0254 Resolution approving Preliminary Plat of Featherstone Rise - Part of the Northwest 1/4 & Northeast 1/4 of the Northwest 1/4 of Section 7 and Part of the Southwest 1/4 & Southeast 1/4 of the Southwest 1/4 of Section 6, all in Township 15 North, Range 6 West, Town of Shelby, La Crosse County, Wisconsin.

26-0258 Resolution appropriating Tax Incremental District (TID) 11 funds for the design and construction of a Rectangular Rapid Flashing Beacon (RRFB) across Hwy 14/61 as part of the Wagon Wheel Trail Project.

26-0289 Resolution regarding the administration and financial maintenance of American Rescue Plan Act (ARPA) funds received by the City.

26-0301 Resolution approving the carryover of unexpended appropriations for the Arts Board from the 2025 Operating Budget to the 2026 Operating Budget.

ITEMS RECOMMENDED TO BE RE-REFERRED

26-0144 Certified Survey Map - Lot 1, Certified Survey Map Number 67, Volume 19, Document Number 1761262, Located in the Northwest Quarter of the Northeast Quarter of Section 9, Township 15 North, Range 7 West, City of La Crosse, La Crosse County, Wisconsin and request for dedication of right-of-way and waiver of platting requirements.

Recommended to be referred 30 days to May 2026 meetings.

ITEM FOR CLOSED SESSION

26-0322 Appeal by Mayo Health System of the Heritage Preservation Commission designation of historical structure for the building located at 615 10th St. S.
(Note: The Common Council may convene in closed session pursuant to Wis. Stat. 19.85(1)(g) to confer with legal counsel and Wis. Stats. 19.85(1)(a) to deliberate its decision. Following any closed session, the Council may reconvene in open session.)

Adjournment

Notice is further given that members of other governmental bodies may be present at the above scheduled meeting to gather information about a subject over which they have decision-making responsibility.

NOTICE TO PERSONS WITH A DISABILITY
Requests from persons with a disability who need assistance to participate in this meeting should call the City Clerk's office at (608) 789-7510 or send an email to ADAcityclerk@cityoflacrosse.org, with as much advance notice as possible.

Council Members:
Tamra Dickinson, Erin Goggin, Barb Janssen, Larry Sleznikow, Olivia Stine, Christine Kahlow, Gary Padesky, Mackenzie Mindel, Aron Newberry, Jennifer Trost, Crystal Bedford, Lisa Weston, Rosanne Northwood

City of La Crosse, Wisconsin

City Hall
400 La Crosse Street
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Text File

File Number: 26-0384

Agenda Date: 4/9/2026 **Version:** 1 **Status:** Agenda Ready

In Control: Finance **File Type:** Report

Agenda Number:

Income Statement
General Fund Income Statement
For the Month of February 2026

Period: 2 to 2

	2026
Revenue	$722,845.87
1000410 - CLERK - GEN ADMIN	$8,347.39
450000 - ALCOHOL LICENSE	$3,294.00
450005 - OTHR LICENSE/PERM/RELATED FEE	$4,988.39
450035 - PET & ANIMAL LICENSE	$0.00
454000 - MISCELLANEOUS REVENUE	$65.00
1002010 - POLICE - GEN ADMIN	$3,735.51
431015 - PD REPORT COPIES	$0.00
431020 - SALE OF ABANDONED VEHICLES	$3,263.00
454000 - MISCELLANEOUS REVENUE	$472.51
1002110 - FIRE - GEN ADMIN	$11,818.23
430000 - FD SERVICES & TRAINING CHARGES	$7,230.23
450005 - OTHR LICENSE/PERM/RELATED FEE	$4,028.00
450010 - ELECTRICAL PERMITS	$0.00
450020 - BUILDING & RELATED PERMITS	$0.00
450025 - HEATING & PLUMBING PERMITS	$0.00
450065 - REGISTRATION FEES	$0.00
450070 - MISCELLANEOUS FINES & FEES	$0.00
454000 - MISCELLANEOUS REVENUE	$0.00
457100 - RENT/LEASE INCOME	$560.00
1003010 - PLANNING/DEVELOPMENT-GEN ADMIN	$25.00
450005 - OTHR LICENSE/PERM/RELATED FEE	$0.00
452015 - OTHER SERVICE CHARGES	$25.00
1003015 - PLANNING/BUILDING & INSPECTION	$65,356.97
450005 - OTHR LICENSE/PERM/RELATED FEE	$7,529.25
450010 - ELECTRICAL PERMITS	$19,502.31
450020 - BUILDING & RELATED PERMITS	$19,997.28
450025 - HEATING & PLUMBING PERMITS	$17,753.13
450065 - REGISTRATION FEES	$50.00
450070 - MISCELLANEOUS FINES & FEES	$450.00
454000 - MISCELLANEOUS REVENUE	$75.00
1003310 - ENGINEERING - GEN ADMIN	$8,384.58
450005 - OTHR LICENSE/PERM/RELATED FEE	$1,500.00
450020 - BUILDING & RELATED PERMITS	$105.00
450030 - WEIGHTS & MEASURES FEE	$264.00
454000 - MISCELLANEOUS REVENUE	$3,060.00

Income Statement
General Fund Income Statement
For the Month of February 2026

Period: 2 to 2	
454005 - INTERFUND CHARGES FOR SERVICES	$3,455.58
1003410 - HIGHWAY - GEN ADMIN	$17,799.22
454000 - MISCELLANEOUS REVENUE	$2,243.13
454001 - DAMAGE TO CITY PROPERTY	$15,556.09
491003 - SALE OF PROPERTY/EQUIP	$0.00
1003415 - HIGHWAY - STREET MAINTENANCE	$561.50
454000 - MISCELLANEOUS REVENUE	$561.50
1003430 - HIGHWAY - SERVICE CHRGES/PARTS	$42,812.80
454005 - INTERFUND CHARGES FOR SERVICES	$42,812.80
1004010 - LIBRARY - GEN ADMIN	$0.00
441030 - SERVICE FEES	$0.00
450065 - REGISTRATION FEES	$0.00
450070 - MISCELLANEOUS FINES & FEES	$0.00
454001 - DAMAGE TO CITY PROPERTY	$0.00
1004110 - LAX CENTER - GEN ADMIN	$0.00
440015 - FACILITY RENTAL FEES	$0.00
441000 - LIQUOR FUND	$0.00
441030 - SERVICE FEES	$0.00
454000 - MISCELLANEOUS REVENUE	$0.00
491003 - SALE OF PROPERTY/EQUIP	$0.00
1004210 - PARKS/REC - GEN ADMIN	$24,289.29
454000 - MISCELLANEOUS REVENUE	$176.00
457100 - RENT/LEASE INCOME	$24,113.29
1004215 - PARKS/REC - PARKS	$16,566.15
440015 - FACILITY RENTAL FEES	$16,566.15
1004220 - PARKS/REC - RECREATION	$13,601.93
440000 - ADULT RECREATION FEES	$1,810.72
440005 - YOUTH RECREATION FEES	$7,060.00
450065 - REGISTRATION FEES	$4,731.21
1004225 - PARKS/REC - FACILITIES	$4,882.48
440015 - FACILITY RENTAL FEES	$4,882.48
1004235 - PARKS/REC - AQUATICS	$2,000.00
440010 - POOL ADMISSION FEES	$2,000.00
1009905 - TRANSFERS	$52,262.69
492000 - TRANSFERS IN	$52,262.69
1009910 - NON-DEPT - GEN ADMIN	$450,402.13
405010 - MOBILE HOME TAX	$3,869.67
405015 - PMTS IN LIEU OF TAXES (PILOT)	$2,179.58

Income Statement
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For the Month of February 2026

Period: 2 to 2	
405035 - INTEREST/PENALTY DELINQ TAXES	$8,958.92
405045 - SALES TAX DISCOUNT	$233.09
415041 - MUNICIPAL SERVICES-FIRE	$0.00
441030 - SERVICE FEES	$0.00
450070 - MISCELLANEOUS FINES & FEES	$84.00
451000 - COURT FINES	$0.00
453000 - INTEREST EARNINGS	$10,768.08
453004 - REALIZED GAIN/LOSS	$25,758.11
453005 - UNREALIZED GAIN/LOSS	$283,643.13
453010 - INVESTMENT EARNINGS	$4,207.69
454000 - MISCELLANEOUS REVENUE	$70,431.97
454005 - INTERFUND CHARGES FOR SERVICES	$40,272.34
456000 - CASH OVER/SHORT	($4.45)
491002 - SALE OF LAND	$0.00
Expense	$4,514,956.42
1000210 - FINANCE - GEN ADMIN	$52,103.22
510000 - SALARIES AND WAGES	$37,074.00
510005 - LIMITED TERM EE SALARIES	$0.00
510006 - OVERTIME PAY	$0.00
510030 - CELL PHONE REIMBURSEMENT	$35.00
511005 - HEALTH INSURANCE	$5,737.83
511015 - LIFE INSURANCE	$128.73
511020 - SOCIAL SECURITY AND MEDICARE	$2,739.75
511025 - RETIREMENT BENEFITS	$2,669.34
520015 - BANK FEES	$0.00
520055 - RECRUITMENT FEES & SVCS	$0.00
520110 - OTHER CONTRACTED SVCS	$0.00
521006 - TRAINING/CONF. REGISTRATION	$175.00
521101 - TELEPHONE	$0.00
532000 - OFFICE SUPPLIES	$234.29
532060 - POSTAGE	$664.20
532065 - PRINTING SERVICES	$1,555.46
532075 - MEMBERSHIPS & SUBSCRIPTIONS	$0.00
533010 - COMPUTER EQUIP UNDER $10,000	$0.00
550000 - MISCELLANEOUS	$0.00
563000 - LEASE PRINCIPAL	$992.61
563100 - LEASE INTEREST	$97.01
1000215 - FINANCE -ACCOUNTING/PAYROLL	$51,276.84

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For the Month of February 2026

Period: 2 to 2	
510000 - SALARIES AND WAGES	$37,109.23
510006 - OVERTIME PAY	$0.00
511005 - HEALTH INSURANCE	$8,777.22
511015 - LIFE INSURANCE	$47.11
511020 - SOCIAL SECURITY AND MEDICARE	$2,671.44
511025 - RETIREMENT BENEFITS	$2,671.84
1000225 - FINANCE - TREASURY/CUST SVC	$21,159.09
510000 - SALARIES AND WAGES	$13,676.64
510006 - OVERTIME PAY	$0.00
511005 - HEALTH INSURANCE	$5,476.18
511020 - SOCIAL SECURITY AND MEDICARE	$978.79
511025 - RETIREMENT BENEFITS	$984.73
520110 - OTHER CONTRACTED SVCS	$0.00
532000 - OFFICE SUPPLIES	$18.28
532060 - POSTAGE	$24.47
533025 - OFFICE EQUIPMENT UNDER $10,000	$0.00
1000230 - FINANCE -MAIL SRVC/PRINTING	$2,753.02
510000 - SALARIES AND WAGES	$1,848.00
511005 - HEALTH INSURANCE	$647.34
511015 - LIFE INSURANCE	$0.00
511020 - SOCIAL SECURITY AND MEDICARE	$124.62
511025 - RETIREMENT BENEFITS	$133.06
540200 - R&M - OFFICE EQUIP	$0.00
1000310 - LEGAL - GEN ADMIN	$65,387.56
510000 - SALARIES AND WAGES	$49,328.61
511005 - HEALTH INSURANCE	$8,525.34
511015 - LIFE INSURANCE	$142.96
511020 - SOCIAL SECURITY AND MEDICARE	$3,637.64
511025 - RETIREMENT BENEFITS	$3,551.65
520025 - OUTSIDE LEGAL SVCS	$0.00
521101 - TELEPHONE	$0.00
532000 - OFFICE SUPPLIES	$22.84
532060 - POSTAGE	$28.52
532065 - PRINTING SERVICES	$0.00
532075 - MEMBERSHIPS & SUBSCRIPTIONS	$150.00
1000410 - CLERK - GEN ADMIN	$30,205.28
510000 - SALARIES AND WAGES	$20,619.01
510030 - CELL PHONE REIMBURSEMENT	$35.00

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For the Month of February 2026

Period: 2 to 2	
511005 - HEALTH INSURANCE	$3,244.90
511015 - LIFE INSURANCE	$30.29
511020 - SOCIAL SECURITY AND MEDICARE	$1,518.35
511025 - RETIREMENT BENEFITS	$1,484.58
521006 - TRAINING/CONF. REGISTRATION	$149.00
521101 - TELEPHONE	$0.00
532000 - OFFICE SUPPLIES	$361.89
532010 - OPERATING SUPPLIES	$0.00
532060 - POSTAGE	$330.33
532070 - BOOKS & PUBLICATIONS	$2,431.93
550000 - MISCELLANEOUS	$0.00
1000415 - CLERK - ELECTIONS	$122.89
510000 - SALARIES AND WAGES	$0.00
510005 - LIMITED TERM EE SALARIES	$0.00
511020 - SOCIAL SECURITY AND MEDICARE	$0.00
511025 - RETIREMENT BENEFITS	$0.00
521101 - TELEPHONE	$0.00
532000 - OFFICE SUPPLIES	$0.00
532060 - POSTAGE	$122.89
532070 - BOOKS & PUBLICATIONS	$0.00
550000 - MISCELLANEOUS	$0.00
580601 - COMPUTER SOFTWARE $10,000+	$0.00
1000510 - COUNCIL - GEN ADMIN	$14,418.06
510000 - SALARIES AND WAGES	$9,440.00
511005 - HEALTH INSURANCE	$48.42
511015 - LIFE INSURANCE	$0.12
511020 - SOCIAL SECURITY AND MEDICARE	$1,019.44
511025 - RETIREMENT BENEFITS	$10.08
511050 - OTHER BENEFITS	$3,900.00
521006 - TRAINING/CONF. REGISTRATION	$0.00
550000 - MISCELLANEOUS	$0.00
1000610 - MAYOR - GEN ADMIN	$25,959.60
510000 - SALARIES AND WAGES	$14,609.70
510001 - SEVERANCE PAY	$4,808.86
510030 - CELL PHONE REIMBURSEMENT	$0.00
511005 - HEALTH INSURANCE	$1,534.03
511015 - LIFE INSURANCE	($3.38)
511020 - SOCIAL SECURITY AND MEDICARE	$1,467.62

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For the Month of February 2026

Period: 2 to 2	
511025 - RETIREMENT BENEFITS	$1,035.36
511075 - CAR ALLOWANCE	$250.00
521005 - TRAVEL - OTHER	$703.81
521006 - TRAINING/CONF. REGISTRATION	$1,175.00
521101 - TELEPHONE	$0.00
532000 - OFFICE SUPPLIES	$78.07
532010 - OPERATING SUPPLIES	$29.99
532060 - POSTAGE	$5.55
532065 - PRINTING SERVICES	$0.00
532075 - MEMBERSHIPS & SUBSCRIPTIONS	$74.99
550000 - MISCELLANEOUS	$190.00
1000710 - MUNI COURT - GEN ADMIN	$19,892.61
510000 - SALARIES AND WAGES	$13,411.13
511005 - HEALTH INSURANCE	$2,541.62
511015 - LIFE INSURANCE	$15.49
511020 - SOCIAL SECURITY AND MEDICARE	$962.13
511025 - RETIREMENT BENEFITS	$965.59
520055 - RECRUITMENT FEES & SVCS	$7.00
520110 - OTHER CONTRACTED SVCS	$1,500.00
521006 - TRAINING/CONF. REGISTRATION	$150.00
521101 - TELEPHONE	$0.00
532000 - OFFICE SUPPLIES	$168.46
532060 - POSTAGE	$171.19
1000810 - IT - GEN ADMIN	$220,169.10
510000 - SALARIES AND WAGES	$68,150.41
510005 - LIMITED TERM EE SALARIES	$4,144.00
510030 - CELL PHONE REIMBURSEMENT	$140.00
511005 - HEALTH INSURANCE	$13,600.29
511015 - LIFE INSURANCE	$81.80
511020 - SOCIAL SECURITY AND MEDICARE	$5,298.87
511025 - RETIREMENT BENEFITS	$5,205.21
520140 - ADMINISTRATIVE SVCS	$105,703.90
521006 - TRAINING/CONF. REGISTRATION	$12,675.00
521101 - TELEPHONE	$5,158.17
521103 - WATER	$0.00
532000 - OFFICE SUPPLIES	$0.00
532055 - GASOLINE FUEL	$0.00
532060 - POSTAGE	$0.00

Income Statement
General Fund Income Statement
For the Month of February 2026

Period: 2 to 2	
532065 - PRINTING SERVICES	$2.43
532075 - MEMBERSHIPS & SUBSCRIPTIONS	$0.00
540250 - R&M - VEHICLE	$0.00
550250 - AP PMT BY CREDIT CARD FEE	$8.95
580400 - VEHICLES	$0.07
1000910 - HUMAN RESOURCES - GEN ADMIN	$41,759.25
510000 - SALARIES AND WAGES	$29,581.66
510005 - LIMITED TERM EE SALARIES	$884.50
510006 - OVERTIME PAY	$33.19
510030 - CELL PHONE REIMBURSEMENT	$26.25
511005 - HEALTH INSURANCE	$5,111.60
511015 - LIFE INSURANCE	$44.48
511020 - SOCIAL SECURITY AND MEDICARE	$2,281.31
511025 - RETIREMENT BENEFITS	$2,132.30
520025 - OUTSIDE LEGAL SVCS	$0.00
520055 - RECRUITMENT FEES & SVCS	$10.00
520110 - OTHER CONTRACTED SVCS	$0.00
521001 - TRAVEL - LODGING	$236.00
521002 - TRAVEL - TRNSPTN	$0.00
521004 - TRAVEL - MILEAGE	$237.80
521006 - TRAINING/CONF. REGISTRATION	$0.00
521101 - TELEPHONE	$0.00
532000 - OFFICE SUPPLIES	$1,094.65
532060 - POSTAGE	$15.78
532065 - PRINTING SERVICES	$69.73
532075 - MEMBERSHIPS & SUBSCRIPTIONS	$0.00
1002010 - POLICE - GEN ADMIN	$1,114,614.61
510000 - SALARIES AND WAGES	$697,265.98
510001 - SEVERANCE PAY	$2,461.65
510005 - LIMITED TERM EE SALARIES	$319.00
510006 - OVERTIME PAY	$29,258.17
510030 - CELL PHONE REIMBURSEMENT	$1,232.75
511005 - HEALTH INSURANCE	$127,100.33
511015 - LIFE INSURANCE	$920.57
511020 - SOCIAL SECURITY AND MEDICARE	$57,083.61
511025 - RETIREMENT BENEFITS	$106,867.50
511030 - ER CONTRIBUTION ICMA	$15,398.83
511040 - UNIFORM AND OTHER ALLOWANCES	$37,541.72

Income Statement
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For the Month of February 2026

Period: 2 to 2	
520005 - PROFESSIONAL FEES	$2,919.69
520055 - RECRUITMENT FEES & SVCS	$656.65
520100 - CONTRACT SVCS - CLEANING	$872.00
520110 - OTHER CONTRACTED SVCS	$11,800.30
521001 - TRAVEL - LODGING	$0.00
521002 - TRAVEL - TRNSPTN	$0.00
521003 - TRAVEL - MEALS	$0.00
521005 - TRAVEL - OTHER	$0.00
521006 - TRAINING/CONF. REGISTRATION	$0.00
521101 - TELEPHONE	$4,418.31
521102 - ELECTRICITY	$342.79
521104 - NATURAL GAS	$228.67
532000 - OFFICE SUPPLIES	$1,294.78
532005 - PROGRAM SUPPLIES	$874.07
532055 - GASOLINE FUEL	$107.49
532056 - DIESEL FUEL	$0.00
532060 - POSTAGE	$453.86
532065 - PRINTING SERVICES	$0.00
532075 - MEMBERSHIPS & SUBSCRIPTIONS	$448.00
532085 - FIRST AID & SAFETY SUPPLIES	$1,869.01
533005 - VEHICLE EQUIPMENT	$137.99
533020 - COMMUNCATION EQPT UNDR $10,000	$0.00
540100 - R&M - EQUIP/MACH	$7,115.74
540150 - R&M - COMMUNICATION	$1,967.75
540250 - R&M - VEHICLE	$2,014.21
540500 - R&M - OTHER	$260.60
550000 - MISCELLANEOUS	$222.80
550250 - AP PMT BY CREDIT CARD FEE	$9.29
580601 - COMPUTER SOFTWARE $10,000+	$1,150.50
1002015 - POLICE - FIELD SERVICES	$0.00
510000 - SALARIES AND WAGES	$0.00
510001 - SEVERANCE PAY	$0.00
510006 - OVERTIME PAY	$0.00
510030 - CELL PHONE REIMBURSEMENT	$0.00
511005 - HEALTH INSURANCE	$0.00
511020 - SOCIAL SECURITY AND MEDICARE	$0.00
511025 - RETIREMENT BENEFITS	$0.00
511040 - UNIFORM AND OTHER ALLOWANCES	$0.00

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Period: 2 to 2

1002020 - POLICE -INVESTIGATIVE SERVICES	$0.00
510000 - SALARIES AND WAGES	$0.00
510006 - OVERTIME PAY	$0.00
510030 - CELL PHONE REIMBURSEMENT	$0.00
511005 - HEALTH INSURANCE	$0.00
511020 - SOCIAL SECURITY AND MEDICARE	$0.00
511025 - RETIREMENT BENEFITS	$0.00
511040 - UNIFORM AND OTHER ALLOWANCES	$0.00
1002025 - POLICE -PROFESSIONAL STANDARDS	$0.00
510000 - SALARIES AND WAGES	$0.00
510030 - CELL PHONE REIMBURSEMENT	$0.00
511005 - HEALTH INSURANCE	$0.00
511020 - SOCIAL SECURITY AND MEDICARE	$0.00
511025 - RETIREMENT BENEFITS	$0.00
511040 - UNIFORM AND OTHER ALLOWANCES	$0.00
1002110 - FIRE - GEN ADMIN	$148,799.44
510000 - SALARIES AND WAGES	$87,451.17
510001 - SEVERANCE PAY	$0.00
510005 - LIMITED TERM EE SALARIES	$120.00
510006 - OVERTIME PAY	$988.24
511005 - HEALTH INSURANCE	$14,324.40
511015 - LIFE INSURANCE	$451.34
511020 - SOCIAL SECURITY AND MEDICARE	$1,935.67
511025 - RETIREMENT BENEFITS	$20,507.74
511030 - ER CONTRIBUTION ICMA	$3,562.25
511040 - UNIFORM AND OTHER ALLOWANCES	$2,800.00
511055 - MEDICAL EVALUATIONS	$0.00
511075 - CAR ALLOWANCE	$0.00
520000 - CONTRACT/PROFESSIONAL SERVICES	$0.00
521101 - TELEPHONE	$0.00
521102 - ELECTRICITY	$6,421.81
521103 - WATER	$0.00
521104 - NATURAL GAS	$8,722.50
521105 - SEWER	$0.00
521106 - STORM WATER	$0.00
531100 - EMPLOYEE HEALTH & SAFETY	$0.00
532000 - OFFICE SUPPLIES	$322.69
532005 - PROGRAM SUPPLIES	$546.16

Income Statement
General Fund Income Statement
For the Month of February 2026

Period: 2 to 2	
532060 - POSTAGE	$0.67
532075 - MEMBERSHIPS & SUBSCRIPTIONS	$0.00
533015 - COMPUTER SOFTWARE UNDR $10,000	$0.00
533025 - OFFICE EQUIPMENT UNDER $10,000	$51.99
533055 - OTHER EQUIPMENT UNDER $10,000	$0.00
540150 - R&M - COMMUNICATION	$592.81
550250 - AP PMT BY CREDIT CARD FEE	$0.00
580601 - COMPUTER SOFTWARE $10,000+	$0.00
1002115 - FIRE - COMMUNITY RISK MGMT	$0.00
510000 - SALARIES AND WAGES	$0.00
510005 - LIMITED TERM EE SALARIES	$0.00
510006 - OVERTIME PAY	$0.00
511005 - HEALTH INSURANCE	$0.00
511015 - LIFE INSURANCE	$0.00
511020 - SOCIAL SECURITY AND MEDICARE	$0.00
511025 - RETIREMENT BENEFITS	$0.00
520055 - RECRUITMENT FEES & SVCS	$0.00
520110 - OTHER CONTRACTED SVCS	$0.00
521001 - TRAVEL - LODGING	$0.00
521003 - TRAVEL - MEALS	$0.00
521006 - TRAINING/CONF. REGISTRATION	$0.00
521101 - TELEPHONE	$0.00
532000 - OFFICE SUPPLIES	$0.00
532005 - PROGRAM SUPPLIES	$0.00
532055 - GASOLINE FUEL	$0.00
532060 - POSTAGE	$0.00
532075 - MEMBERSHIPS & SUBSCRIPTIONS	$0.00
532095 - CLOTHING/UNIFORM	$0.00
533005 - VEHICLE EQUIPMENT	$0.00
540250 - R&M - VEHICLE	$0.00
1002120 - FIRE - TRAINING & PROF STNDS	$4,379.37
521001 - TRAVEL - LODGING	$0.00
521003 - TRAVEL - MEALS	$0.00
521004 - TRAVEL - MILEAGE	$0.00
521005 - TRAVEL - OTHER	$0.00
521006 - TRAINING/CONF. REGISTRATION	$0.00
532070 - BOOKS & PUBLICATIONS	$0.00
533010 - COMPUTER EQUIP UNDER $10,000	$4,141.45

Income Statement
General Fund Income Statement
For the Month of February 2026

Period: 2 to 2	
542000 - PROGRAM EXPENSES	$237.92
550250 - AP PMT BY CREDIT CARD FEE	$0.00
1002125 - FIRE - FIRE & RESCUE OPS	$873,821.89
510000 - SALARIES AND WAGES	$577,458.09
510006 - OVERTIME PAY	$18,496.42
510030 - CELL PHONE REIMBURSEMENT	$35.00
511005 - HEALTH INSURANCE	$108,719.47
511015 - LIFE INSURANCE	$549.43
511020 - SOCIAL SECURITY AND MEDICARE	$8,595.90
511025 - RETIREMENT BENEFITS	$126,683.56
511040 - UNIFORM AND OTHER ALLOWANCES	$0.00
521006 - TRAINING/CONF. REGISTRATION	$0.00
532005 - PROGRAM SUPPLIES	$64.54
532080 - CLEANING/JANITORIAL SUPPLIES	$386.90
532096 - PROTECTIVE CLOTHING	$32,405.94
533000 - OPERATING EQUIPMENT	$156.32
533010 - COMPUTER EQUIP UNDER $10,000	$26.52
533015 - COMPUTER SOFTWARE UNDR $10,000	$223.50
533020 - COMMUNCATION EQPT UNDR $10,000	$6.04
550250 - AP PMT BY CREDIT CARD FEE	$14.26
1002130 - FIRE - FLEET & FACILITIES	$13,714.07
521103 - WATER	$0.00
521105 - SEWER	$0.00
521106 - STORM WATER	$0.00
532055 - GASOLINE FUEL	$683.73
532056 - DIESEL FUEL	$0.00
533035 - SMLL/MINR TOOLS UNDER $1,000	$656.05
540000 - R&M - BUILDINGS	$5,370.20
540100 - R&M - EQUIP/MACH	$7,004.09
550250 - AP PMT BY CREDIT CARD FEE	$0.00
1003010 - PLANNING/DEVELOPMENT-GEN ADMIN	$88,289.86
510000 - SALARIES AND WAGES	$60,497.76
510005 - LIMITED TERM EE SALARIES	$533.00
510030 - CELL PHONE REIMBURSEMENT	$35.00
511005 - HEALTH INSURANCE	$12,301.40
511015 - LIFE INSURANCE	$72.65
511020 - SOCIAL SECURITY AND MEDICARE	$4,393.35
511025 - RETIREMENT BENEFITS	$4,355.82

Income Statement
General Fund Income Statement
For the Month of February 2026

Period: 2 to 2	
520055 - RECRUITMENT FEES & SVCS	$0.00
520110 - OTHER CONTRACTED SVCS	$3,103.97
520115 - ADVERTISING SVCS	$44.85
521005 - TRAVEL - OTHER	$414.97
521006 - TRAINING/CONF. REGISTRATION	$1,825.00
521101 - TELEPHONE	$0.00
532000 - OFFICE SUPPLIES	$26.91
532060 - POSTAGE	$0.00
532065 - PRINTING SERVICES	$6.18
532075 - MEMBERSHIPS & SUBSCRIPTIONS	$679.00
1003015 - PLANNING/BUILDING & INSPECTION	$84,011.65
510000 - SALARIES AND WAGES	$60,034.44
511005 - HEALTH INSURANCE	$13,029.37
511015 - LIFE INSURANCE	$134.00
511020 - SOCIAL SECURITY AND MEDICARE	$4,403.81
511025 - RETIREMENT BENEFITS	$4,322.46
521001 - TRAVEL - LODGING	$144.00
521006 - TRAINING/CONF. REGISTRATION	$1,494.00
532000 - OFFICE SUPPLIES	$89.20
532060 - POSTAGE	$161.20
532075 - MEMBERSHIPS & SUBSCRIPTIONS	$199.17
1003045 - PLANNING/DEVELOPMENT-ASSESSMEN	$36,940.54
510000 - SALARIES AND WAGES	$26,040.91
511005 - HEALTH INSURANCE	$5,456.29
511015 - LIFE INSURANCE	$82.68
511020 - SOCIAL SECURITY AND MEDICARE	$1,832.27
511025 - RETIREMENT BENEFITS	$1,874.93
520055 - RECRUITMENT FEES & SVCS	$7.00
520110 - OTHER CONTRACTED SVCS	$0.00
521005 - TRAVEL - OTHER	$473.28
521006 - TRAINING/CONF. REGISTRATION	$675.00
532060 - POSTAGE	$30.22
532065 - PRINTING SERVICES	$0.00
532075 - MEMBERSHIPS & SUBSCRIPTIONS	$451.07
550250 - AP PMT BY CREDIT CARD FEE	$16.89
1003310 - ENGINEERING - GEN ADMIN	$138,317.34
510000 - SALARIES AND WAGES	$102,234.14
510005 - LIMITED TERM EE SALARIES	$630.00

Income Statement
General Fund Income Statement
For the Month of February 2026

Period: 2 to 2	
510006 - OVERTIME PAY	$0.00
510030 - CELL PHONE REIMBURSEMENT	$70.00
511005 - HEALTH INSURANCE	$15,429.99
511015 - LIFE INSURANCE	$214.90
511020 - SOCIAL SECURITY AND MEDICARE	$7,627.03
511025 - RETIREMENT BENEFITS	$7,354.30
520008 - RECORDING FEE	$0.00
520055 - RECRUITMENT FEES & SVCS	$1,045.00
521001 - TRAVEL - LODGING	$0.00
521003 - TRAVEL - MEALS	$54.69
521005 - TRAVEL - OTHER	$256.99
521006 - TRAINING/CONF. REGISTRATION	($125.00)
521101 - TELEPHONE	$0.00
532000 - OFFICE SUPPLIES	$389.97
532010 - OPERATING SUPPLIES	$2,926.36
532055 - GASOLINE FUEL	$0.00
532060 - POSTAGE	$164.19
532075 - MEMBERSHIPS & SUBSCRIPTIONS	$0.00
533010 - COMPUTER EQUIP UNDER $10,000	$32.78
533025 - OFFICE EQUIPMENT UNDER $10,000	$0.00
540250 - R&M - VEHICLE	$12.00
550250 - AP PMT BY CREDIT CARD FEE	$0.00
1003410 - HIGHWAY - GEN ADMIN	$307,004.34
510000 - SALARIES AND WAGES	$188,944.66
510001 - SEVERANCE PAY	$14,002.42
510005 - LIMITED TERM EE SALARIES	$0.00
510006 - OVERTIME PAY	$18,333.44
511005 - HEALTH INSURANCE	$54,145.53
511015 - LIFE INSURANCE	$655.49
511020 - SOCIAL SECURITY AND MEDICARE	$15,998.17
511025 - RETIREMENT BENEFITS	$14,924.63
532000 - OFFICE SUPPLIES	$0.00
532015 - SALT	$0.00
1003415 - HIGHWAY - STREET MAINTENANCE	$183,928.63
511065 - EMPLOYEE RECOGNITION	$102.92
520055 - RECRUITMENT FEES & SVCS	$0.00
520110 - OTHER CONTRACTED SVCS	$1,084.78
521005 - TRAVEL - OTHER	$153.56

Income Statement
General Fund Income Statement
For the Month of February 2026

Period: 2 to 2	
521006 - TRAINING/CONF. REGISTRATION	$189.88
521101 - TELEPHONE	$19.55
521102 - ELECTRICITY	$6,332.08
521104 - NATURAL GAS	$0.00
532000 - OFFICE SUPPLIES	$739.46
532010 - OPERATING SUPPLIES	$4,492.22
532015 - SALT	$97,330.36
532016 - ASPHALT	$0.00
532017 - CEMENT	$0.00
532020 - PAINT	$23.73
532025 - SIGNS	$6,686.75
532030 - SIGNALS	$0.00
532040 - WHITEWAYS	$738.62
532055 - GASOLINE FUEL	$0.00
532056 - DIESEL FUEL	$124.25
532060 - POSTAGE	$4.70
532065 - PRINTING SERVICES	$0.00
532075 - MEMBERSHIPS & SUBSCRIPTIONS	$2,304.05
532085 - FIRST AID & SAFETY SUPPLIES	$178.79
533030 - MJR TOOLS & EQ UNDER $10,000	$7.99
533035 - SMLL/MINR TOOLS UNDER $1,000	$1,689.76
540000 - R&M - BUILDINGS	$13,471.07
540100 - R&M - EQUIP/MACH	$13,022.54
540150 - R&M - COMMUNICATION	$315.46
540250 - R&M - VEHICLE	$24,325.11
550250 - AP PMT BY CREDIT CARD FEE	$0.00
555888 - WORKORDER PENDING CHARGEOUT	$10,591.00
1003420 - HIGHWAY - REFUSE & RECYCLING	$191,436.30
510000 - SALARIES AND WAGES	$10,786.81
511005 - HEALTH INSURANCE	$3,408.65
511015 - LIFE INSURANCE	$8.49
511020 - SOCIAL SECURITY AND MEDICARE	$733.29
511025 - RETIREMENT BENEFITS	$776.63
521120 - RECYCLING SERVICES	$51,310.11
521121 - YARD WASTE	$569.49
521130 - GARBAGE SERVICES	$123,317.30
521131 - MAJOR APPLIANCE DISPOSAL	$0.00
532000 - OFFICE SUPPLIES	$10.20

Income Statement
General Fund Income Statement
For the Month of February 2026

Period: 2 to 2	
532010 - OPERATING SUPPLIES	$471.20
532055 - GASOLINE FUEL	$0.00
532056 - DIESEL FUEL	$0.00
532060 - POSTAGE	$44.13
532065 - PRINTING SERVICES	$0.00
532075 - MEMBERSHIPS & SUBSCRIPTIONS	$0.00
540100 - R&M - EQUIP/MACH	$0.00
1003430 - HIGHWAY - SERVICE CHRGES/PARTS	$26,088.03
555888 - WORKORDER PENDING CHARGEOUT	$26,088.03
1004010 - LIBRARY - GEN ADMIN	$353,130.25
510000 - SALARIES AND WAGES	$235,508.67
510001 - SEVERANCE PAY	$0.00
510006 - OVERTIME PAY	$229.77
510030 - CELL PHONE REIMBURSEMENT	$170.00
511005 - HEALTH INSURANCE	$38,063.46
511015 - LIFE INSURANCE	$331.74
511020 - SOCIAL SECURITY AND MEDICARE	$17,354.33
511025 - RETIREMENT BENEFITS	$15,369.85
511050 - OTHER BENEFITS	$0.00
520065 - SOFTWARE VENDOR SVCS	$0.00
520110 - OTHER CONTRACTED SVCS	$9,646.09
521005 - TRAVEL - OTHER	$1,197.00
521101 - TELEPHONE	$1,381.25
521102 - ELECTRICITY	$5,104.82
521104 - NATURAL GAS	$5,159.83
532000 - OFFICE SUPPLIES	$1,855.47
532055 - GASOLINE FUEL	$69.00
532060 - POSTAGE	$80.85
532075 - MEMBERSHIPS & SUBSCRIPTIONS	$348.50
533010 - COMPUTER EQUIP UNDER $10,000	$12,317.86
540000 - R&M - BUILDINGS	$8,902.25
550250 - AP PMT BY CREDIT CARD FEE	$39.51
580601 - COMPUTER SOFTWARE $10,000+	$0.00
1004015 - LIBRARY - CIRCULATION	$18,891.81
510000 - SALARIES AND WAGES	$0.00
510030 - CELL PHONE REIMBURSEMENT	$0.00
511020 - SOCIAL SECURITY AND MEDICARE	$0.00
511025 - RETIREMENT BENEFITS	$0.00

Income Statement
General Fund Income Statement
For the Month of February 2026

Period: 2 to 2	
532070 - BOOKS & PUBLICATIONS	$18,891.81
1004020 - LIBRARY - ARCHIVES	$0.00
510000 - SALARIES AND WAGES	$0.00
511020 - SOCIAL SECURITY AND MEDICARE	$0.00
511025 - RETIREMENT BENEFITS	$0.00
1004025 - LIBRARY - PROGRAMS	$0.00
510000 - SALARIES AND WAGES	$0.00
510030 - CELL PHONE REIMBURSEMENT	$0.00
511020 - SOCIAL SECURITY AND MEDICARE	$0.00
511025 - RETIREMENT BENEFITS	$0.00
1004110 - LAX CENTER - GEN ADMIN	$0.00
510000 - SALARIES AND WAGES	$0.00
510001 - SEVERANCE PAY	$0.00
510005 - LIMITED TERM EE SALARIES	$0.00
510006 - OVERTIME PAY	$0.00
510030 - CELL PHONE REIMBURSEMENT	$0.00
511005 - HEALTH INSURANCE	$0.00
511010 - WORKERS COMPENSATION DEPT CHGS	$0.00
511015 - LIFE INSURANCE	$0.00
511020 - SOCIAL SECURITY AND MEDICARE	$0.00
511025 - RETIREMENT BENEFITS	$0.00
520055 - RECRUITMENT FEES & SVCS	$0.00
520075 - TEMPORARY LABOR SERVICES	$0.00
520101 - CONTRACT SVCS - SECURITY	$0.00
520110 - OTHER CONTRACTED SVCS	$0.00
520120 - EVENT SERVICES	$0.00
521001 - TRAVEL - LODGING	$0.00
521002 - TRAVEL - TRNSPTN	$0.00
521101 - TELEPHONE	$0.00
521102 - ELECTRICITY	$0.00
521104 - NATURAL GAS	$0.00
521130 - GARBAGE SERVICES	$0.00
530250 - LIABILITY INS	$0.00
532000 - OFFICE SUPPLIES	$0.00
532010 - OPERATING SUPPLIES	$0.00
532060 - POSTAGE	$0.00
532065 - PRINTING SERVICES	$0.00
532075 - MEMBERSHIPS & SUBSCRIPTIONS	$0.00

Income Statement
General Fund Income Statement
For the Month of February 2026

Period: 2 to 2	
533015 - COMPUTER SOFTWARE UNDR $10,000	$0.00
550000 - MISCELLANEOUS	$0.00
1004125 - LAX CENTER - FACILITY OPS	$0.00
532080 - CLEANING/JANITORIAL SUPPLIES	$0.00
532085 - FIRST AID & SAFETY SUPPLIES	$0.00
532095 - CLOTHING/UNIFORM	$0.00
540000 - R&M - BUILDINGS	$0.00
540100 - R&M - EQUIP/MACH	$0.00
1004210 - PARKS/REC - GEN ADMIN	$39,869.11
510000 - SALARIES AND WAGES	$24,757.79
510005 - LIMITED TERM EE SALARIES	$1,780.00
510030 - CELL PHONE REIMBURSEMENT	$34.50
511005 - HEALTH INSURANCE	$5,612.28
511015 - LIFE INSURANCE	$101.75
511020 - SOCIAL SECURITY AND MEDICARE	$1,955.54
511025 - RETIREMENT BENEFITS	$1,881.91
520015 - BANK FEES	$1,670.66
520060 - MARKETING	$234.60
520110 - OTHER CONTRACTED SVCS	$94.46
521006 - TRAINING/CONF. REGISTRATION	$0.00
521101 - TELEPHONE	$0.00
532000 - OFFICE SUPPLIES	$402.00
532010 - OPERATING SUPPLIES	$50.00
532060 - POSTAGE	$253.12
532065 - PRINTING SERVICES	$0.00
532075 - MEMBERSHIPS & SUBSCRIPTIONS	$1,040.50
550250 - AP PMT BY CREDIT CARD FEE	$0.00
1004215 - PARKS/REC - PARKS	$66,837.55
510000 - SALARIES AND WAGES	$28,491.35
510005 - LIMITED TERM EE SALARIES	$6,840.90
510006 - OVERTIME PAY	$581.85
510030 - CELL PHONE REIMBURSEMENT	$124.50
511005 - HEALTH INSURANCE	$6,864.62
511015 - LIFE INSURANCE	$31.13
511020 - SOCIAL SECURITY AND MEDICARE	$2,660.08
511025 - RETIREMENT BENEFITS	$2,357.87
520105 - CONTRACT SVCS - LANDSCAPING	$0.00
520110 - OTHER CONTRACTED SVCS	$1,331.58

Income Statement
General Fund Income Statement
For the Month of February 2026

Period: 2 to 2	
521001 - TRAVEL - LODGING	$375.00
521006 - TRAINING/CONF. REGISTRATION	$745.00
521101 - TELEPHONE	$0.00
521102 - ELECTRICITY	$7,736.28
521103 - WATER	$0.00
521104 - NATURAL GAS	$701.61
521105 - SEWER	$0.00
521106 - STORM WATER	$0.00
521130 - GARBAGE SERVICES	$243.10
532010 - OPERATING SUPPLIES	$2,758.35
532055 - GASOLINE FUEL	$0.00
532056 - DIESEL FUEL	$0.00
532099 - GENERAL SUPPLIES	$407.52
540050 - R&M - GROUNDS	$2,555.14
540100 - R&M - EQUIP/MACH	$1,455.35
540250 - R&M - VEHICLE	$576.32
540450 - R&M - TRAILS	$0.00
550250 - AP PMT BY CREDIT CARD FEE	$0.00
1004220 - PARKS/REC - RECREATION	$68,204.67
510000 - SALARIES AND WAGES	$26,680.00
510005 - LIMITED TERM EE SALARIES	$25,627.75
510006 - OVERTIME PAY	$0.00
510030 - CELL PHONE REIMBURSEMENT	$91.00
511005 - HEALTH INSURANCE	$1,233.48
511015 - LIFE INSURANCE	$10.38
511020 - SOCIAL SECURITY AND MEDICARE	$3,983.15
511025 - RETIREMENT BENEFITS	$2,136.03
520055 - RECRUITMENT FEES & SVCS	$0.00
521005 - TRAVEL - OTHER	$0.00
521006 - TRAINING/CONF. REGISTRATION	$0.00
532005 - PROGRAM SUPPLIES	$8,442.88
1004225 - PARKS/REC - FACILITIES	$66,335.41
510000 - SALARIES AND WAGES	$16,477.38
510005 - LIMITED TERM EE SALARIES	$4,396.75
510006 - OVERTIME PAY	$291.96
510030 - CELL PHONE REIMBURSEMENT	$70.00
511005 - HEALTH INSURANCE	$5,129.66
511015 - LIFE INSURANCE	$49.53

Income Statement
General Fund Income Statement
For the Month of February 2026

Period: 2 to 2	
511020 - SOCIAL SECURITY AND MEDICARE	$1,554.08
511025 - RETIREMENT BENEFITS	$1,274.45
520085 - SNOW REMOVAL SVCS	$4,680.00
520100 - CONTRACT SVCS - CLEANING	$0.00
520110 - OTHER CONTRACTED SVCS	$346.37
521101 - TELEPHONE	$0.00
521102 - ELECTRICITY	$7,199.32
521103 - WATER	$0.00
521104 - NATURAL GAS	$16,604.25
521105 - SEWER	$0.00
521106 - STORM WATER	$0.00
532010 - OPERATING SUPPLIES	$7,041.71
532055 - GASOLINE FUEL	$0.00
532099 - GENERAL SUPPLIES	$97.98
540000 - R&M - BUILDINGS	$1,121.97
550250 - AP PMT BY CREDIT CARD FEE	$0.00
1004230 - PARKS/REC - FORESTRY	$24,012.96
510000 - SALARIES AND WAGES	$15,315.20
510006 - OVERTIME PAY	$0.00
510030 - CELL PHONE REIMBURSEMENT	$55.00
511005 - HEALTH INSURANCE	$5,476.18
511015 - LIFE INSURANCE	$10.51
511020 - SOCIAL SECURITY AND MEDICARE	$1,102.14
511025 - RETIREMENT BENEFITS	$1,102.70
521006 - TRAINING/CONF. REGISTRATION	$625.29
532010 - OPERATING SUPPLIES	$0.00
540100 - R&M - EQUIP/MACH	$325.94
550250 - AP PMT BY CREDIT CARD FEE	$0.00
1004235 - PARKS/REC - AQUATICS	$3,158.94
510005 - LIMITED TERM EE SALARIES	$368.75
511020 - SOCIAL SECURITY AND MEDICARE	$28.21
521101 - TELEPHONE	$20.00
521102 - ELECTRICITY	$432.27
521103 - WATER	$0.00
521104 - NATURAL GAS	$783.86
521105 - SEWER	$0.00
521106 - STORM WATER	$0.00
532010 - OPERATING SUPPLIES	$291.88

Income Statement
General Fund Income Statement
For the Month of February 2026

Period: 2 to 2	
540050 - R&M - GROUNDS	$1,233.97
1009909 - CONTINGENCY	$0.00
550000 - MISCELLANEOUS	$0.00
1009910 - NON-DEPT - GEN ADMIN	$117,963.13
511005 - HEALTH INSURANCE	$0.00
511010 - WORKERS COMPENSATION DEPT CHGS	$0.00
511055 - MEDICAL EVALUATIONS	$498.00
520010 - AUDIT & ACCOUNTING FEES	$0.00
520015 - BANK FEES	$4,288.39
520025 - OUTSIDE LEGAL SVCS	$14,072.20
520055 - RECRUITMENT FEES & SVCS	$2,145.00
520145 - CONTRIB. TO OTHER ENTITIES	$5,000.00
521006 - TRAINING/CONF. REGISTRATION	$169.70
521102 - ELECTRICITY	$56,693.81
521106 - STORM WATER	$0.00
530250 - LIABILITY INS	$3,000.00
531100 - EMPLOYEE HEALTH & SAFETY	$60.79
531600 - EE HEALTH CARE CONTAINMENT	$940.65
532060 - POSTAGE	$0.00
532075 - MEMBERSHIPS & SUBSCRIPTIONS	$8,550.00
532099 - GENERAL SUPPLIES	$1,666.20
541000 - ECONOMIC DEVELOPMENT	$0.00
550000 - MISCELLANEOUS	$0.00
551000 - TAX DISTR - JURISDICTIONS	$18,107.18
551010 - PROPERTY TAX	$2,771.21
Net Income:	**($3,792,110.55)**

City of La Crosse
General Fund Year-To-Date Revenue Report
For the Period Ending February 28, 2026

DEPARTMENT	REVISED BUDGET	YTD REVENUE	AVAILABLE BUDGET	% USED
04 CLERK	$ 548,417.00	$ 16,309.21	$ 532,107.79	2.97%
20 POLICE	$ 346,729.00	$ 6,414.51	$ 340,314.49	1.85%
21 FIRE	$ 175,115.00	$ 17,472.33	$ 157,642.67	9.98%
30 PLANNING/ASSESSOR/FPBS	$ 695,900.00	$ 137,844.06	$ 558,055.94	19.81%
33 ENGINEERING	$ 384,986.00	$ 20,664.16	$ 364,321.84	5.37%
34 HIGHWAY/REFUSE	$ 461,000.00	$ 94,890.32	$ 366,109.68	20.58%
40 LIBRARY	$ 213,468.00	$ 20,392.39	$ 193,075.61	9.55%
42 PARKS/RECREATION/GROUNDS/BL	$ 596,000.00	$ 150,401.47	$ 445,598.53	25.24%
99 NON-DEPARTMENTAL	$ 70,658,213.00	$ 46,162,172.72	$ 24,496,040.28	65.33%
Grand Total	$ 74,079,828.00	$ 46,626,561.17	$ 27,453,266.83	62.94%

City of La Crosse
General Fund Year-To-Date Expenditure Report
For the Period Ending February 28, 2026

DEPARTMENT	REVISED BUDGET	YTD EXPENDED	AVAILABLE BUDGET	% USED
02 FINANCE	$ 1,713,851.00	$ 207,953.17	$ 1,505,897.83	12.13%
03 LEGAL	$ 886,437.00	$ 104,522.67	$ 781,914.33	11.79%
04 CLERK	$ 705,421.00	$ 58,611.16	$ 646,809.84	8.31%
05 COUNCIL	$ 176,567.00	$ 15,544.28	$ 161,022.72	8.80%
06 MAYOR	$ 347,201.00	$ 38,859.67	$ 308,341.33	11.19%
07 MUNICIPAL COURT	$ 268,256.00	$ 28,963.13	$ 239,292.87	10.80%
08 INFORMATION SERVICES	$ 2,809,073.00	$ 1,068,378.56	$ 1,740,694.44	38.03%
09 HUMAN RESOURCES	$ 653,371.00	$ 115,278.76	$ 538,092.24	17.64%
20 POLICE	$ 14,364,627.00	$ 1,737,154.27	$ 12,627,472.73	12.09%
21 FIRE	$ 13,687,623.00	$ 1,708,591.30	$ 11,979,031.70	12.48%
30 PLANNING/ASSESSOR/FPBS	$ 2,346,328.00	$ 321,042.55	$ 2,025,285.45	13.68%
33 ENGINEERING	$ 1,924,109.00	$ 212,843.48	$ 1,711,265.52	11.06%
34 HIGHWAY/REFUSE	$ 8,512,224.00	$ 1,047,268.19	$ 7,464,955.81	12.30%
40 LIBRARY	$ 5,233,704.00	$ 669,782.24	$ 4,563,921.76	12.80%
42 PARKS/RECREATION/GROUNDS/BL	$ 5,037,785.00	$ 466,213.71	$ 4,571,571.29	9.25%
99 NON-DEPARTMENTAL	$ 15,413,251.00	$ 851,228.19	$ 14,562,022.81	5.52%
Grand Total	$ 74,079,828.00	$ 8,652,235.33	$ 65,427,592.67	11.68%

City of La Crosse, Wisconsin

City Hall
400 La Crosse Street
La Crosse, WI 54601

Text File

File Number: 26-0383

Agenda Date: 4/9/2026

Version: 1

Status: Common Council Matters

In Control: Common Council

File Type: Resolution

Agenda Number:

26-0383

Resolution approving 2025/2026 Bills and Engineering Estimates paid in April 2026.

RESOLUTION

BE IT RESOLVED by the Common Council of the City of La Crosse that the monthly bills by departments, the details of which are set forth in the attachment hereto, be and the same are hereby approved and ordered paid.

BE IT FURTHER RESOLVED that orders be drawn for contract estimates in favor of the named person, firm or corporation in the amount stated after their name, the details of which are set forth in the attachment hereto, the same being payment for the estimates and purposes set forth herein.

APRIL 2026 MONTHLY BILL DETAIL

AIRFIELD OPERATIONS	41,173.39
AIRPORT	6,490.39
ANIMAL LICENSE	10,061.99
CAPITAL GRANT	618,995.72
CAPITAL PROGRAM	161,408.33
CAR WASH	6,781.76
CLERK - ELECTIONS	444.62
CLERK - GEN ADMIN	5,403.12
CUSTOMER ACCOUNTS	6,378.65
DEBT SERVICE NON DEPART	465,013.72
ENGINEERING - GEN ADMIN	3,273.41
FACILITY OPERATIONS	402,083.78
FINANCE - GEN ADMIN	1,456.56
FINANCE - TREASURY/CUST SVC	13,313.10
FINANCE -MAIL SRVC/PRINTING	2,280.24
FIRE - FIRE & RESCUE OPS	4,354.41
FIRE - 2023 BOND FUNDS	555.44
FIRE - 2026 NOTE FUNDS	65,401.28
FIRE - FLEET & FACILITIES	7,391.09
FIRE - GEN ADMIN	20,578.34
FIRE - TRAINING & PROF STNDS	1,640.70
FIRE EMS ASSISTANCE FAP	6,837.53
FIRE GRANT	1,120.00
FIRE HAZMAT TEAM	2,568.30
FIRE RADIOLOGICAL FIELD TEAM	300.00
FUEL MANAGEMENT	96,556.00
GEN ADMIN - AIRPORT	39,134.19
GEN ADMIN - FINANCE	1,404,980.01
GEN ADMIN - HIGHWAY	53,528.89
GEN ADMIN - NON DEPT	74,085.09
GEN ADMIN - PARKING	279,844.54
GEN ADMIN - STORM	31,917.73
GEN ADMIN - TIF	2,209,177.83
GEN ADMIN - TRANSIT	139,443.56
GEN ADMIN - WASTE WATER	78,253.19
GEN ADMIN - WATER	51,929.81
GEN ADMIN TID#18	3,215,019.83
GENERAL FUND	57,684.10
HIGHWAY - GEN ADMIN	175.35
HIGHWAY - REFUSE & RECYCLING	185,690.53
HIGHWAY - SERVICE CHRGES/PARTS	40,258.85
HIGHWAY - STREET MAINTENANCE	81,735.39
HUD GRANTS	-2.20
HUD GRANTS - ADMIN	25,900.00
HUD GRANTS - CDBG	5,061.56
HUD GRANTS - HOME	26,201.24
HUD GRANTS - RPLC HSING	17,370.00
HUMAN RESOURCES - GEN ADMIN	266.87
IT - 2024 NOTE FUNDS	827.93
IT - 2025 NOTE FUNDS	44,312.48
IT - GEN ADMIN	93,662.90
LA CROSSE CENTER - ADMIN	206,890.30
LA CROSSE CENTER - FOOD & BEV	68,428.59
LA CROSSE CENTER - PRODUCTION	217,150.82
LA CROSSE CENTER FACILITY OPS.	36,725.99
LABORATORY	39,472.13
LACROSSE CENTER	500.00
LAX CENTER - 2025 NOTE FUNDS	1,305.33
LAX CENTER - 2026 NOTE FUNDS	32,174.50
LEGAL - GEN ADMIN	216.88
LIBRARY - 2026 NOTE FUNDS	71,629.80
LIBRARY - CIRCULATION	19,078.07
LIBRARY - GEN ADMIN	67,781.03
LIFT STATIONS	9,351.63
MAYOR - GEN ADMIN	1,674.24
MCPL COURT TRUST	28,798.53
MISCELLANEOUS AGENCY	68.09
MUNI COURT - GEN ADMIN	1020.48
NON-DEPT - GEN ADMIN	68428.81
NON-DEPT GRANTS	13827.73
OPERATING GRANT	160000
PARKING OPERATIONS	4086.07
PARKING UTILITY	10940.23
PARKS - 2023 BOND FUNDS	1112.5
PARKS - 2026 NOTE FUNDS	22093.75
PARKS/REC - AQUATICS	2200.56
PARKS/REC - FACILITIES	30074.72
PARKS/REC - FORESTRY	1125.47
PARKS/REC - GEN ADMIN	728.1
PARKS/REC - PARKS	16711.29
PARKS/REC - RECREATION	8768.67
PARKS/REC BOAT HOUSE	3712.5
PARKS/REC BOAT LANDING IMPRV	2118.65
PARKS/REC GREEN ISLAND IMPRVM	972.26
PARKS/REC MYRICK PARK IMPRVMNT	61.2
PARKS/REC PETTIBONE PARK IMPRV	284.99
PARKS/REC RIVERSIDE PARK IMPRV	2289.17
PARKS/REC SPECIAL OLYMPICS	414.26
PARKS/REC SPECIAL RECREATION	5216.85
PARKS/REC TREE MEMORIALS	410
PARKS/REC YOUTH ENRCHMNT ASSOC	19218.61
PAYROLL LIABILITIES	1657985.55
PLANNING - 2024 NOTE FUNDS	3112
PLANNING HARBOR SINKING FUND	250
PLANNING TID APPLICATION FEES	533.75
PLANNING/BUILDING & INSPECTION	931.13
PLANNING/DEVELOPMENT-ASSESSMEN	1142.2
PLANNING/DEVELOPMENT-GEN ADMIN	2610.51
POLICE - GEN ADMIN	19840.03
POLICE EQUITABLE SHARING AGREE	1955.3
POLICE GRANT	3
POLICE K-9 UNIT	548.03
POLICE RESERVE PROGRAM	530.1
POLICE REVOLVING RESTITUTION	225
POLICE TRAINING	31772.73
PUMPING	38567.74
REAL ESTATE & PERSONAL PROP TX	389.04
SELF-INSURED HEALTH	342.7
SEWER COLLECTION	-1238.27
SOLIDS DISPOSAL	27084.18
SOURCE OF SUPPLY	13050.8
SP ASSIGNED BUDGET CARRYOVER	1196.45
SPECIAL ASSESSMENTS - ADMIN	12733.81
STOCK ROOM	17553.34
STREET SWEEPING	2077.45
STREETS - 2024 NOTE FUNDS	12632.97
STREETS - 2025 NOTE FUNDS	221636.52
STREETS - 2026 NOTE FUNDS	570577.54
TERMINAL OPERATIONS	38936.53
TRANSFERS	114.17
TRANSIT FUND	8.7
TRANSMISSION & DISTRIBUTION	13842.2
VENDING MACHINES	38.99
WASTE WATER UTILITY	1793.82
WATER TREATMENT	16892.89
WATER UTILITY	105773.05
Grand Total	$14,100,828.29

CITY OF LA CROSSE

WARRANT PUBLICATION LIST

WARRANT RANGE: SP030126 TO SP033126 DATES: 01/01/26 TO 12/31/26

ORG / VENDOR NAME	AMOUNT
AIRFIELD OPERATIONS	
ADI HOLDING COMPANY LLC	62.85
BAYCOM INC	580.00
BREYER'S SALES & SERVICE	1,053.60
ENTERPRISE FM TRUST	1,002.75
HARTLAND FUEL PRODUCTS LLC	11,481.56
MID-WEST ELECTRO-TECH CORP	100.00
NORTHERN STATES POWER CO WI	8,586.40
P&T PRODUCTS LLC	3,931.33
PROVISION PARTNERS COOPERATIVE	6,440.00
SAFE-FAST INC	35.72
SHERWIN INDUSTRIES INC	161.37
VERNON ELECTRIC COOPERATIVE IN	7.58
ZARNOTH BRUSH WORKS INC	717.30
	34,160.46
AIRPORT	
AIRPORT ONE LLC	3,125.00
BAN-KOE SYSTEMS INC	92.50
ENTERPRISE FM TRUST	3,252.89
	6,470.39
ANIMAL LICENSE	
COULEE REGION ANIMAL CONTROL D	9,710.00
	9,710.00
CAPITAL GRANT	
HENRICKSEN & COMPANY INC	362,653.65
MARKET & JOHNSON INC	254,051.57
MSA PROFESSIONAL SERVICES INC	2,290.50
	618,995.72
CAPITAL PROGRAM	
DIVE RESCUE INC	718.27
	718.27
CAPITAL PROGRAM	
MEAD AND HUNT INC	5,157.07
WSP USA INC	12,453.61
	17,610.68
CAPITAL PROGRAM	
HDA LIFTS LLC	52,830.72
	52,830.72

WARRANT PUBLICATION LIST

WARRANT RANGE: SP030126 TO SP033126 DATES: 01/01/26 TO 12/31/26

ORG / VENDOR NAME	AMOUNT
CAPITAL PROGRAM	
DONOHUE & ASSOCIATES INC	6,586.65
HENRICKSEN & COMPANY INC	1,106.00
MEAD AND HUNT INC	5,695.19
PREMIER GOLF AND UTILITY VEHIC	22,590.35
WI DEPT OF TRANSPORTATION	219.50
	36,197.69
CAPITAL PROGRAM	
DONOHUE & ASSOCIATES INC	14,915.00
ENTERPRISE FM TRUST	10.00
HENRICKSEN & COMPANY INC	1,106.00
MEAD AND HUNT INC	3,456.96
NEW CASTLE TITLE OF LA CROSSE	175.00
PUBLIC SERVICE COMMISSION OF W	3,174.38
RIGHT OF WAY PROFESSIONALS INC	10,000.00
SHORT ELLIOTT HENDRICKSON INC	20,426.01
	53,263.35
CAPITAL PROGRAM	
HENRICKSEN & COMPANY INC	553.50
	553.50
CAR WASH	
ASCENTEK CORP	474.52
GGI MOTORS	110.00
NORTHERN STATES POWER CO WI	2,786.20
	3,370.72
CLERK - ELECTIONS	
LA CROSSE MAIL & PRINT SOLUTIO	8.71
	8.71
CLERK - GEN ADMIN	
CITY OF LA CROSSE TREASURER	332.50
LA CROSSE MAIL & PRINT SOLUTIO	27.67
LOFFLER COMPANIES INC	150.54
	510.71
CUSTOMER ACCOUNTS	
BADGER METER INC	1,647.70
DAIRYLAND POWER COOPERATIVE	3,416.12
LA CROSSE MAIL & PRINT SOLUTIO	33.90
PAYMENT SERVICE NETWORK INC	1,010.30
THE PERFECT ANSWER INC	172.52

WARRANT PUBLICATION LIST

WARRANT RANGE: SP030126 TO SP033126 DATES: 01/01/26 TO 12/31/26

ORG VENDOR NAME	AMOUNT
	6,280.54
DEBT SERVICE NON DEPART	
BANC OF AMERICA PUBLIC CAPITAL	28,261.15
BOARD OF COMMISSIONERS OF PBLC	346,710.28
ENTERPRISE FM TRUST	61,748.54
US BANK NATL ASSOC	24,018.75
WELLS FARGO BANK	4,275.00
	465,013.72
ENGINEERING - GEN ADMIN	
LA CROSSE MAIL & PRINT SOLUTIO	14.27
LOFFLER COMPANIES INC	67.92
MINNESOTA LIFE INSURANCE COMPA	60.76
STAN'S INDUSTRIAL MFG LLC	2,325.97
	2,468.92
FACILITY OPERATIONS	
ATLAS CRYPT & MFG CO, INC	13,740.00
BDP INDUSTRIES INC	3,895.65
BEARING DISTRIBUTORS INC	35.83
C&C MACHINE INC	6,809.94
CHARLES D FOUST	262.50
COULEE REGION MECHANICAL CONTR	2,827.40
DORNER PRODUCTS LLC	877.05
FASTENAL COMPANY	100.80
FIRST SUPPLY LLC #3010	1,721.29
GARRATT-CALLAHAN CO	3,228.50
GGI MOTORS	730.22
HACH COMPANY	307.50
HAWKINS INC	60,310.92
HUBER TECHNOLOGY INC	4,043.98
INDUSTRIAL AUTOMATION AND ENGI	688.75
LEDEGAR SHEET METAL INC	4,560.00
MICRONICS ENGINEERED FILTRATIO	5,176.42
NEFF GROUP DISTRIBUTORS INC	701.06
NORTHERN STATES POWER CO WI	198,211.22
OMI INDUSTRIES INC	7,923.80
PBBS EQUIPMENT CORPORATION	13,383.33
RON HAMMES REFRIGERATION CO IN	551.88
SJ ELECTRO SYSTEMS LLC	4,675.73
SWANSON FLO CO	604.55
VEOLIA WATER TECHNOLOGIES INC	33,120.00
VIKING ELECTRIC SUPPLY LLC	1,339.36
WINONA HEATING & VENTILATING C	5,190.89
XYLEM WATER SOLUTIONS USA INC	14,660.19
	389,678.76
FINANCE - GEN ADMIN	

WARRANT PUBLICATION LIST

WARRANT RANGE: SP030126 TO SP033126 DATES: 01/01/26 TO 12/31/26

ORG / VENDOR NAME	AMOUNT
CANON FINANCIAL SERVICES INC	568.44
LA CROSSE MAIL & PRINT SOLUTIO	50.44
LOFFLER COMPANIES INC	464.11
MINNESOTA LIFE INSURANCE COMPA	52.32
STAPLES CONTRACT & COMMERCIAL,	48.29
	1,183.60
FINANCE - TREASURY/CUST SVC	
LA CROSSE MAIL & PRINT SOLUTIO	1.54
PETDATA INC	13,047.50
	13,049.04
FINANCE -MAIL SRVC/PRINTING	
PITNEY BOWES INC	2,280.24
	2,280.24
FIRE - FIRE & RESCUE OPS	
JEFFERSON FIRE & SAFETY INC	3,639.88
	3,639.88
FIRE - 2023 BOND FUNDS	
BAYCOM INC	475.00
RUGGED SOLUTIONS AMERICA LLC	80.44
	555.44
FIRE - 2026 NOTE FUNDS	
HONEYWELL INTERNATIONAL INC	24,791.29
INTEGRAL BUILDING SYSTEMS INC	19,657.99
	44,449.28
FIRE - FLEET & FACILITIES	
BAN-KOE SYSTEMS INC	938.67
HASTINGS AIR ENERGY CONTROL IN	920.82
KWIK TRIP INC	683.73
LA CROSSE GLASS COMPANY INC	210.77
MISSISSIPPI WELDERS SUPPLY CO	63.75
OVERHEAD DOOR CO OF THE 7 RIVE	2,269.94
RELIANT FIRE APPARATUS INC	151.68
	5,239.36
FIRE - GEN ADMIN	
ADI HOLDING COMPANY LLC	447.81
LA CROSSE MAIL & PRINT SOLUTIO	.07
LOFFLER COMPANIES INC	122.11
MINNESOTA LIFE INSURANCE COMPA	275.42

WARRANT PUBLICATION LIST

WARRANT RANGE: SP030126 TO SP033126 DATES: 01/01/26 TO 12/31/26

ORG / VENDOR NAME	AMOUNT
MISSIONSQUARE RETIREMENT	3,750.31
NORTHERN STATES POWER CO WI	15,262.64
VERNON ELECTRIC COOPERATIVE IN	53.99
	19,912.35
FIRE - TRAINING & PROF STNDS	
HILLTOPPER REFUSE & RECYCLING	90.00
	90.00
FIRE EMS ASSISTANCE FAP	
AIRGAS INC	405.23
BOUND TREE MEDICAL	46.08
HOWMEDICA OSTEONICS CORP	4,650.32
MED-TECH RESOURCE	883.12
TELEFLEX INC	677.90
	6,662.65
FIRE GRANT	
WESTERN TECHNICAL COLLEGE	1,120.00
	1,120.00
FIRE RADIOLOGICAL FIELD TEAM	
C&C MACHINE INC	300.00
	300.00
FUEL MANAGEMENT	
HARTLAND FUEL PRODUCTS LLC	96,556.00
	96,556.00
GEN ADMIN - AIRPORT	
AIRPORT ONE LLC	18,625.00
ALLEN MEDIA BROADCASTING EVANS	1,535.00
AMERICAN ASSOC OF AIRPORT EXEC	3,000.00
LA CROSSE MAIL & PRINT SOLUTIO	.87
LOFFLER COMPANIES INC	10.70
LTC IT SOLUTIONS INC	5,000.00
MINNESOTA LIFE INSURANCE COMPA	48.24
QUEENB TELEVISION LLC	2,000.00
WELLS FARGO BANK	1,000.00
	31,219.81
GEN ADMIN - FINANCE	
ALERA GROUP INC	4,666.67
ANTHONY NICKELATTI	216.44
BLUE CROSS BLUE SHIELD OF WI	1,117,220.63

WARRANT PUBLICATION LIST

WARRANT RANGE: SP030126 TO SP033126 DATES: 01/01/26 TO 12/31/26

ORG / VENDOR NAME	AMOUNT
DELTA DENTAL OF WI INC	30,950.75
LA CROSSE MAIL & PRINT SOLUTIO	52.66
MINNESOTA LIFE INSURANCE COMPA	3.31
NEIGHBORHOOD FAMILY CLINICS IN	23,434.00
PROFESSIONAL BENEFIT ADMINISTR	228,435.55
	1,404,980.01
GEN ADMIN - HIGHWAY	
WI DEPT OF TRANSPORTATION	53,528.89
	53,528.89
GEN ADMIN - NON DEPT	
APPLICATION SOFTWARE INC	68,787.07
	68,787.07
GEN ADMIN - NON DEPT	
WISCONSIN MUNICIPAL MUTUAL	5,068.02
	5,068.02
GEN ADMIN - NON DEPT	
MID-WEST ELECTRO-TECH CORP	150.00
	150.00
GEN ADMIN - PARKING	
ADI HOLDING COMPANY LLC	36.66
BAYCOM INC	152.00
CENTRAL INSURANCE CO	39,359.16
ENTERPRISE FM TRUST	2,127.66
ERGOTECH CONTROLS INC	281.21
HILLTOPPER REFUSE & RECYCLING	290.60
J F AHERN COMPANY	169.00
KISH & SONS ELECTRIC INC	7,506.68
LA CROSSE MAIL & PRINT SOLUTIO	63.92
LOFFLER COMPANIES INC	4.69
MINNESOTA LIFE INSURANCE COMPA	38.59
NORTHERN STATES POWER CO WI	10,392.31
PARKING UTILITY REFUND VENDOR	186.00
PARKMOBILE LLC	5,368.30
T2 SYSTEMS CANADA INC	11,912.50
T2 SYSTEMS INC	25,395.08
VERNON ELECTRIC COOPERATIVE IN	4.42
WELLS FARGO BANK	171,215.64
	274,504.42
GEN ADMIN - STORM	
ADI HOLDING COMPANY LLC	26.19

WARRANT PUBLICATION LIST

WARRANT RANGE: SP030126 TO SP033126 DATES: 01/01/26 TO 12/31/26

ORG / VENDOR NAME	AMOUNT
BERRY DUNN MCNEIL & PARKER LLC	1,271.00
BOARDMAN & CLARK LLP	380.50
BROOKS TRACTOR INC	204.97
DAHL AUTOMOTIVE LACROSSE INC	3,688.67
FRENCHVILLE TRAILER SALES LLC	2,275.00
JEWELL ASSOCIATES ENGINEERS IN	4,950.00
NORTHERN STATES POWER CO WI	3.64
PUBLIC SERVICE COMMISSION OF W	83.68
RUEKERT & MIELKE INC	18,703.71
VERNON ELECTRIC COOPERATIVE IN	3.16
	31,590.52
GEN ADMIN - TIF	
SHORT ELLIOTT HENDRICKSON INC	4,450.16
	4,450.16
GEN ADMIN - TIF	
ANDREA TRANE	284.90
EHLERS & ASSOCIATES	318.75
FOWLER & HAMMER INC	26,021.58
JOHN WELLS	6,140.00
WI DEPT OF TRANSPORTATION	63.90
	32,829.13
GEN ADMIN - TIF	
J P MORGAN CHASE BANK NA	2,147,892.00
	2,147,892.00
GEN ADMIN - TIF	
NORTHERN STATES POWER CO WI	125.03
POINT OF BEGINNING INC	7,196.63
	7,321.66
GEN ADMIN - TIF	
DONALD W ELLIS	290.00
R A SMITH INC	15,825.00
	16,115.00
GEN ADMIN - TRANSIT	
A-1 GLASS COMPANY INC	2,075.00
ABBY VANS INC	59,312.85
ADI HOLDING COMPANY LLC	125.70
ENTERPRISE FM TRUST	549.99
FPS OF ONALASKA INC	1,429.71
J & K OF LA CROSSE, INC	890.00
KEN'S SERVICE CENTER LLC	375.00

WARRANT PUBLICATION LIST

WARRANT RANGE: SP030126 TO SP033126 DATES: 01/01/26 TO 12/31/26

ORG

VENDOR NAME	AMOUNT
LA CROSSE GLASS COMPANY INC	16,144.00
LA CROSSE MAIL & PRINT SOLUTIO	3.28
MINNESOTA LIFE INSURANCE COMPA	262.22
NORTHERN STATES POWER CO WI	5,691.39
POMP'S TIRE SERVICE INC	7,095.06
ROCK OIL REFINING INC	137.50
RON TURLEY ASSOCIATES LLC	263.12
SCHNEIDER HEATING & AIR CONDIT	125.00
SPX TECHNOLOGIES INC	320.75
STEVEN LEITNER	345.00
TALON PROTECTION AGENCY INC	5,518.16
THE BLU GROUP - ADVERTISING &	6,356.30
TOM'S BOBCAT & SNOWPLOWING INC	1,172.50
VERNON ELECTRIC COOPERATIVE IN	15.16
WYATT WOLFE JR	125.00
	108,332.69

GEN ADMIN - WASTE WATER

ADI HOLDING COMPANY LLC	78.56
BAN-KOE SYSTEMS INC	2,665.77
BERRY DUNN MCNEIL & PARKER LLC	1,271.00
BOARDMAN & CLARK LLP	1,171.93
BRIGHTSPEED HOLDING LLC	123.17
BROOKS TRACTOR INC	87.84
DAHL AUTOMOTIVE LACROSSE INC	3,526.70
DAHL AUTOMOTIVE ONALASKA INC	1,350.03
DONOHUE & ASSOCIATES INC	1,238.50
ENTERPRISE FM TRUST	204.94
FRENCHVILLE TRAILER SALES LLC	975.00
HALRON LUBRICANTS INC	86.56
J F AHERN COMPANY	555.00
KWIK TRIP INC	71.20
LA CROSSE AREA BUILDERS ASSN I	350.00
LA CROSSE COUNTY SOLID WASTE D	13.61
LOFFLER COMPANIES INC	6.84
MINNESOTA LIFE INSURANCE COMPA	144.84
MSA SAFETY INC	919.04
MUNICIPAL ENVIRONMENTAL GROUP	2,250.00
NORTHERN STATES POWER CO WI	10.92
PUBLIC SERVICE COMMISSION OF W	21.75
RUEKERT & MIELKE INC	7,985.16
SHORT ELLIOTT HENDRICKSON INC	7,463.20
SJ ELECTRO SYSTEMS LLC	26,828.00
SPRAYING SYSTEMS CO	501.63
UNITED RENTALS (NORTH AMERICA)	982.98
UTILITY LOGIC LLC	273.11
VAN METER INC	1,276.77
VERNON ELECTRIC COOPERATIVE IN	9.47
	62,443.52

WARRANT PUBLICATION LIST

WARRANT RANGE: SP030126 TO SP033126 DATES: 01/01/26 TO 12/31/26

ORG / VENDOR NAME	AMOUNT
GEN ADMIN - WATER	
ADI HOLDING COMPANY LLC	91.66
AIRGAS INC	116.12
ANDREW JACQUE	17,822.76
BERRY DUNN MCNEIL & PARKER LLC	1,271.00
BOARDMAN & CLARK LLP	281.57
HILLTOPPER REFUSE & RECYCLING	143.78
KWIK TRIP INC	40.87
LOFFLER COMPANIES INC	59.96
MINNESOTA LIFE INSURANCE COMPA	80.07
NORTHERN STATES POWER CO WI	1,578.65
POMP'S TIRE SERVICE INC	46.76
PROCESS RESEARCH SOLUTIONS LLC	2,362.50
PUBLIC SERVICE COMMISSION OF W	1,208.13
RUEKERT & MIELKE INC	7,985.18
SAFE-FAST INC	116.46
SAFETY-KLEEN SYSTEMS INC	399.91
TERMINIX INTERNATIONAL CO LTD	98.00
VERNON ELECTRIC COOPERATIVE IN	11.05
WATER REFUNDS	6,611.99
	40,326.42
GEN ADMIN - WATER	
1ST BUSINESS SOLUTIONS INC	502.50
FIRST SUPPLY LLC #3010	1,140.00
I&S GROUP INC	862.50
KISH & SONS ELECTRIC INC	1,175.00
	3,680.00
GEN ADMIN TID#18	
GARY THURK	247.50
REDEVELOPMENT AUTHORITY OF	3,214,772.33
	3,215,019.83
GENERAL FUND	
2NSYSTEMS LLC	644.50
AUTOMATIC ENTRANCES OF WISC IN	400.00
BAN-KOE SYSTEMS INC	85.33
CATALIS TAX & CAMA INC	1,402.80
CCB TECHNOLOGY INC	1,380.00
LA CROSSE CTR REFUNDS	2,754.02
MISSISSIPPI WELDERS SUPPLY CO	26.25
REC REFUNDS	530.00
SCHOOL DISTRICT OF LA CROSSE	4,245.44
THE PITNEY BOWES BANK INC	10,000.00
TREASURER REFUNDS	75.00
TYLER TECHNOLOGIES INC	950.00
US BANK NATL ASSOC	432,665.63
WI DEPT OF REVENUE	31,391.58

WARRANT PUBLICATION LIST

WARRANT RANGE: SP030126 TO SP033126 DATES: 01/01/26 TO 12/31/26

ORG / VENDOR NAME	AMOUNT
	486,550.55
HIGHWAY - GEN ADMIN	
MINNESOTA LIFE INSURANCE COMPA	175.35
	175.35
HIGHWAY - REFUSE & RECYCLING	
HARTER'S QUICK CLEAN UP SERVIC	180,616.87
HILLTOPPER REFUSE & RECYCLING	4,211.57
LA CROSSE MAIL & PRINT SOLUTIO	2.55
	184,830.99
HIGHWAY - SERVICE CHRGES/PARTS	
CUSTOM FAB AND MACHINE LLC	116.00
UNIVERSAL TRUCK EQUIPMENT INC	152.83
VOLDEN TRUCK CENTER LLC	29.35
	298.18
HIGHWAY - STREET MAINTENANCE	
ADI HOLDING COMPANY LLC	238.31
ATHENS TECHNICAL SPECIALISTS I	738.62
BRIGHTSPEED HOLDING LLC	19.55
CHARLES D FOUST	11,393.00
CUSTOM FAB AND MACHINE LLC	3,360.00
DAKOTA SUPPLY GROUP INC	258.21
DWD ENTERPRISES OF EAU CLAIRE	3,350.00
HEARST BUSINESS PUBLISHING INC	2,337.30
HENRICKSEN & COMPANY INC	1,213.78
LA CROSSE COUNTY HIGHWAY DEPAR	13,330.33
LA CROSSE MAIL & PRINT SOLUTIO	.47
LOFFLER COMPANIES INC	242.76
NORTHERN STATES POWER CO WI	13,201.06
ROCK OIL REFINING INC	137.50
SAFE-FAST INC	155.30
UNIVERSAL TRUCK EQUIPMENT INC	6,514.00
VERNON ELECTRIC COOPERATIVE IN	28.73
WHITMORE INC	5,406.00
	61,924.92
HUD GRANTS - ADMIN	
CATHOLIC CHARITIES OF	25,900.00
	25,900.00
HUD GRANTS - CDBG	
CIA SIAB INC	4,932.16
CITY OF LA CROSSE TREASURER	8.00

WARRANT PUBLICATION LIST

WARRANT RANGE: SP030126 TO SP033126 DATES: 01/01/26 TO 12/31/26

ORG / VENDOR NAME	AMOUNT
LA CROSSE MAIL & PRINT SOLUTIO	.07
	4,940.23
HUD GRANTS - HOME	
BEST KEPT PORTABLES LLC	363.00
BUILDER SERVICES GROUP INC	845.00
DONALD W ELLIS	1,780.00
HEARTWOOD CUSTOM CABINETS LLC	18,350.00
HILLTOPPER REFUSE & RECYCLING	679.00
JOSEPH JOHN FREDRICKSON	4,000.00
NORTHERN STATES POWER CO WI	149.49
	26,166.49
HUD GRANTS - RPLC HSING	
DONALD W ELLIS	870.00
MARTIN LEUM	16,500.00
	17,370.00
HUMAN RESOURCES - GEN ADMIN	
LA CROSSE MAIL & PRINT SOLUTIO	.07
LOFFLER COMPANIES INC	219.48
MINNESOTA LIFE INSURANCE COMPA	15.97
	235.52
IT - GEN ADMIN	
2NSYSTEMS LLC	3,380.80
CATALIS TAX & CAMA INC	15,430.85
ENTERPRISE FM TRUST	.07
KISH & SONS ELECTRIC INC	16,300.00
LOFFLER COMPANIES INC	540.83
MINNESOTA LIFE INSURANCE COMPA	24.44
TYLER TECHNOLOGIES INC	4,750.00
	40,426.99
LA CROSSE CENTER - ADMIN	
BRIGHTSPEED HOLDING LLC	451.00
COMMERCIAL AV SYSTEMS LLC	73,220.28
GOD'S COUNTRY RACING ASSN LTD	12,826.09
HARTER'S QUICK CLEAN UP SERVIC	2,789.75
JSJD MEDIA LLC	2,000.00
LA CROSSE COUNTY CONV & VISITO	60,042.90
LA CROSSE MAIL & PRINT SOLUTIO	.47
LOFFLER COMPANIES INC	74.68
MAINSTAGE THEATRICAL SUPPLY IN	538.00
MARION BYERSON	21,443.00
MINNESOTA LIFE INSURANCE COMPA	45.10
NORTHERN STATES POWER CO WI	24,976.15

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WARRANT RANGE: SP030126 TO SP033126 DATES: 01/01/26 TO 12/31/26

ORG VENDOR NAME	AMOUNT
	198,407.42
LA CROSSE CENTER - FOOD & BEV	
BADGER POPCORN & CONCESSION SU	398.93
GRINON INDUSTRIES LLC	3,024.13
HOLIDAY WHOLESALE INC	23,875.51
KENRICH FOODS CORPORATION	1,797.50
MARC ANDERSON	1,888.62
MISSISSIPPI WELDERS SUPPLY CO	38.64
PEPSI-COLA BOTTLING CO OF LA C	16,690.25
PERFORMANCE FOOD GROUP INC	16,664.44
RON HAMMES REFRIGERATION CO IN	753.52
VIKING ELECTRIC SUPPLY LLC	.00
	65,131.54
LA CROSSE CENTER - PRODUCTION	
AEG PRESENTS LLC	10,740.00
ALLEN MEDIA BROADCASTING EVANS	1,455.00
ARTIST REPRESENTATION & MGMT I	4,000.00
COMMERCIAL AV SYSTEMS LLC	61,503.00
DEAN MCCORD	2,229.03
DEGY BOOKING INTERNATIONAL INC	3,100.00
DOWN BOYS INC	17,800.00
ENDEAVOR PARENT LLC	1,000.00
FAMILY RADIO INC	10,767.00
HUNGER TASK FORCE OF LA CROSSE	955.50
JSJD MEDIA LLC	1,000.00
LA COMMUNICATIONS INC	260.00
LEE ENTERPRISES INC	719.90
LIVE NATION ENTERTAINMENT	3,000.00
LIVE NATION WORLDWIDE INC	150.00
MARION BYERSON	9,843.75
MILJENKO MATIJEVIC	4,600.00
MURPHY & ASSOCIATES INC	30,508.53
PEE DEE COUNTRY ENTERPRISES IN	28,800.00
ROAD DOG TOURING LLC	9,000.00
SPARTA-TOMAH BROADCASTING CO I	500.00
TOWNSQUARE MEDIA INC	730.00
WI DEPT OF REVENUE	8,100.00
	210,761.71
LA CROSSE CENTER FACILITY OPS.	
ANTHONY DALE TOME	2,200.00
BERNIE'S EQUIPMENT COMPANY INC	262.40
EVENT ESSENTIALS INC	3,452.05
INNOVATIVE EXCLUSIVELY LLC	4,816.86
INTERSTATE ROOFING & WATERPROO	501.27
J F AHERN COMPANY	3,083.16
LA CROSSE CENTER	60.00

WARRANT PUBLICATION LIST

WARRANT RANGE: SP030126 TO SP033126 DATES: 01/01/26 TO 12/31/26

ORG / VENDOR NAME	AMOUNT
MARION BYERSON	566.50
OVERHEAD DOOR CO OF THE 7 RIVE	161.60
ROLLINS INC	142.75
SAFE-FAST INC	531.25
TOTAL WATER TREATMENT SYSTEMS	1,196.16
TRANE US INC	1,759.58
ULINE	1,264.49
VESTIS GROUP INC	7,867.74
	27,865.81
LABORATORY	
A-1 ADVANCED PUMPING SERVICE I	31,780.00
DAVY ENGINEERING CO INC	5,157.00
PACE ANALYTICAL SERVICES LLC	926.00
	37,863.00
LACROSSE CENTER	
LA CROSSE CTR REFUNDS	500.00
	500.00
LAX CENTER - 2025 NOTE FUNDS	
KISH & SONS ELECTRIC INC	1,305.33
	1,305.33
LAX CENTER - 2026 NOTE FUNDS	
I&S GROUP INC	32,174.50
	32,174.50
LEGAL - GEN ADMIN	
LA CROSSE MAIL & PRINT SOLUTIO	.54
LOFFLER COMPANIES INC	10.36
MINNESOTA LIFE INSURANCE COMPA	42.48
	53.38
LIBRARY - 2026 NOTE FUNDS	
CCB TECHNOLOGY INC	71,629.80
	71,629.80
LIBRARY - CIRCULATION	
CENGAGE LEARNING INC	753.27
PLAYAWAY PRODUCTS LLC	679.14
	1,432.41
LIBRARY - GEN ADMIN	

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ORG / VENDOR NAME	AMOUNT
1ST BUSINESS SOLUTIONS INC	1,107.80
BRIGHTSPEED HOLDING LLC	480.08
CCB TECHNOLOGY INC	6,900.00
CENTURYLINK COMMUNICATIONS LLC	2.11
CHC CLEANING LLC	948.75
EO JOHNSON CO INC	800.00
GUNDERSEN LUTHERAN MEDICAL CEN	175.00
KISH & SONS ELECTRIC INC	2,356.00
KWIK TRIP INC	50.72
MARCO TECHNOLOGIES LLC	1,316.76
MARKET & JOHNSON INC	4,000.00
MINNESOTA LIFE INSURANCE COMPA	93.06
NORTHERN STATES POWER CO WI	12,832.12
TALON PROTECTION AGENCY INC	12,782.15
WINDING RIVERS LIBRARY SYSTEM	100.00
WINONA CONTROLS INC	2,641.58
	46,586.13
LIFT STATIONS	
SCOTT NORDSTROM	226.00
WOLTER INC	81.04
	307.04
LIFT STATIONS	
C&C MACHINE INC	2,454.00
NORTHERN STATES POWER CO WI	3,054.27
VIKING ELECTRIC SUPPLY LLC	2,812.85
	8,321.12
MAYOR - GEN ADMIN	
LA CROSSE AREA DEVELOPMENT COR	50.00
LA CROSSE MAIL & PRINT SOLUTIO	.07
LOFFLER COMPANIES INC	7.74
SAGRA FOOD AND WINE	525.00
	582.81
MCPL COURT TRUST	
LA CROSSE COUNTY TREASURER	6,941.74
MUNICIPAL COURT REFUND VENDOR	182.66
STATE OF WISCONSIN	21,674.13
	28,798.53
MISCELLANEOUS AGENCY	
ADI HOLDING COMPANY LLC	68.09
	68.09

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ORG / VENDOR NAME	AMOUNT
MUNI COURT - GEN ADMIN	
LA CROSSE MAIL & PRINT SOLUTIO	15.81
LOFFLER COMPANIES INC	21.00
MINNESOTA LIFE INSURANCE COMPA	11.11
PREMIUM WATERS INC	27.45
STATE OF WI SUPREME COURT	800.00
	875.37
NON-DEPT - GEN ADMIN	
ACI PAYMENTS INC	2,290.69
CRIVELLO, NICHOLS & HALL, S.C.	1,112.50
NORTHERN STATES POWER CO WI	41,575.41
STATE OF COLORADO	3.00
STATE OF MINNESOTA	7.50
T E BRENNAN CO	8,086.20
UNITED STATES CONFERENCE OF MA	6,567.00
VERNON ELECTRIC COOPERATIVE IN	888.20
	60,530.50
NON-DEPT GRANTS	
DAVY ENGINEERING CO INC	1,361.06
MARTIN LEUM	7,800.00
MILLER'S TREE SERVICE LLC	3,000.00
REACH TRAVEL MEDIA INC	1,666.67
	13,827.73
OPERATING GRANT	
GREEN HOMEOWNERS UNITED LLC	160,000.00
	160,000.00
PARKING OPERATIONS	
METROPOLIS CAPITAL HOLDINGS LL	3,444.47
NORTHERN STATES POWER CO WI	632.66
	4,077.13
PARKING UTILITY	
ENTERPRISE FM TRUST	5,861.21
T2 SYSTEMS INC	5,079.02
	10,940.23
PARKS - 2023 BOND FUNDS	
MAKEPEACE ENGINEERING LLC	1,112.50
	1,112.50
PARKS - 2026 NOTE FUNDS	

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WARRANT RANGE: SP030126 TO SP033126 DATES: 01/01/26 TO 12/31/26

ORG / VENDOR NAME	AMOUNT
RIVER ARCHITECTS INC	22,093.75
	22,093.75
PARKS/REC - AQUATICS	
COULEE REGION MECHANICAL CONTR	871.72
NORTHERN STATES POWER CO WI	1,194.82
	2,066.54
PARKS/REC - FACILITIES	
AUTOMATIC ENTRANCES OF WISC IN	1,200.00
GREAT RIVER WATER TREATMENT LL	495.00
HIDDEN VALLEY DESIGNS INC	4,040.00
LES MANSKE & SONS EXCAVATING &	1,855.00
NORTHERN STATES POWER CO WI	15,585.85
UNIFIRST CORPORATION	136.92
	23,312.77
PARKS/REC - GEN ADMIN	
LA CROSSE MAIL & PRINT SOLUTIO	24.05
LOFFLER COMPANIES INC	100.08
MINNESOTA LIFE INSURANCE COMPA	68.59
	192.72
PARKS/REC - PARKS	
BEST KEPT PORTABLES LLC	1,495.00
CHAD R VINER	2,500.00
COUNTY OF LA CROSSE WISCONSIN	252.20
GARY THURK	67.50
GERARD H FAAS	2,574.33
HILLTOPPER REFUSE & RECYCLING	155.38
JFTCO INC	451.44
KNIGHT BARRY TITLE UNITED LLC	550.00
NORTHERN STATES POWER CO WI	5,473.03
PREMIUM WATERS INC	58.45
VERNON ELECTRIC COOPERATIVE IN	236.31
	13,813.64
PARKS/REC - RECREATION	
JOSEPH E CODY	100.00
LA CROSSE COMMUNITY THEATRE	2,505.00
READY BUS COMPANY INC	2,266.16
	4,871.16
PARKS/REC BOAT HOUSE	
GARY THURK	3,712.50

WARRANT PUBLICATION LIST

WARRANT RANGE: SP030126 TO SP033126 DATES: 01/01/26 TO 12/31/26

ORG / VENDOR NAME	AMOUNT
	3,712.50
PARKS/REC BOAT LANDING IMPRV	
GARY THURK	1,102.50
NORTHERN STATES POWER CO WI	289.28
T2 SYSTEMS CANADA INC	450.00
	1,841.78
PARKS/REC GREEN ISLAND IMPRVM	
DEBOER PEST CONTROL LLC	400.44
	400.44
PARKS/REC PETTIBONE PARK IMPRV	
HARTER'S QUICK CLEAN UP SERVIC	175.00
	175.00
PARKS/REC RIVERSIDE PARK IMPRV	
HATCHERY LLC	2,289.17
	2,289.17
PARKS/REC SPECIAL RECREATION	
RECTRAC LLC	4,522.50
	4,522.50
PARKS/REC TREE MEMORIALS	
MATZKE MEMORIALS LLC	410.00
	410.00
PARKS/REC YOUTH ENRCHMNT ASSOC	
BSN SPORTS LLC	829.98
FISK INVESTMENTS LLC	880.00
GHELFI AWARDS	40.00
LA CROSSE BASEBALL LLC	150.00
LA CROSSE YOUTH SOCCER PARENTS	9,554.42
RECTRAC LLC	4,522.50
WAYNE D ELLEFSON SR	2,055.00
	18,031.90
PAYROLL LIABILITIES	
AMALGAMATED TRANSIT UNION 519	2,571.68
DOBBERSTEIN LAW FIRM LLC	135.60
FIRE FIGHTERS ASSOCIATION OF L	2,625.00
FIREFIGHTERS CREDIT UNION	9,484.30
GREAT RIVERS UNITED WAY INC	178.00
LA CROSSE PROFESSIONAL POLICE	4,758.00

WARRANT PUBLICATION LIST

WARRANT RANGE: SP030126 TO SP033126 DATES: 01/01/26 TO 12/31/26

ORG / VENDOR NAME	AMOUNT
MARK HARRING	419.92
MINNESOTA LIFE INSURANCE COMPA	18,420.78
MISSIONSQUARE RETIREMENT	125,442.04
STARMOUNT LIFE INSURANCE COMPA	3,277.86
STATE OF COLORADO	646.14
STATE OF MINNESOTA	1,366.58
STATE OF WI DEPT OF CHILDREN A	4,516.36
STATE OF WI DEPT OF EMPLOYEE T	628,165.68
STATE OF WISCONSIN	141,106.03
UNITED STATES TREASURY	714,871.58
	1,657,985.55
PLANNING - 2024 NOTE FUNDS	
PALE BLUE DOT LLC	2,100.00
PAUL NICHOLAS	1,012.00
	3,112.00
PLANNING HARBOR SINKING FUND	
WISCONSIN COMMERCIAL PORTS ASS	250.00
	250.00
PLANNING TID APPLICATION FEES	
EHLERS & ASSOCIATES	533.75
	533.75
PLANNING/BUILDING & INSPECTION	
LA CROSSE MAIL & PRINT SOLUTIO	13.94
LOFFLER COMPANIES INC	38.85
MINNESOTA LIFE INSURANCE COMPA	38.43
SAFE-FAST INC	238.16
	329.38
PLANNING/DEVELOPMENT-ASSESSMEN	
COSTAR REALTY INFORMATION INC	451.07
LA CROSSE MAIL & PRINT SOLUTIO	.07
MINNESOTA LIFE INSURANCE COMPA	24.26
	475.40
PLANNING/DEVELOPMENT-GEN ADMIN	
ANDREA TRANE	284.90
LOFFLER COMPANIES INC	15.31
MINNESOTA LIFE INSURANCE COMPA	24.81
NORTHERN STATES POWER CO WI	1,532.82
TIMOTHY ACKLIN	482.80
	2,340.64

WARRANT PUBLICATION LIST

WARRANT RANGE: SP030126 TO SP033126 DATES: 01/01/26 TO 12/31/26

ORG / VENDOR NAME	AMOUNT
POLICE - GEN ADMIN	
ADI HOLDING COMPANY LLC	453.06
JONI MARIE KREPLINE	6,820.87
LA CROSSE COUNTY SHERIFFS OFFI	4,455.00
LA CROSSE MAIL & PRINT SOLUTIO	364.42
LOFFLER COMPANIES INC	156.10
MINNESOTA LIFE INSURANCE COMPA	268.39
NORTHERN STATES POWER CO WI	770.99
STAPLES CONTRACT & COMMERCIAL,	198.99
TAD D MEDDAUGH	101.00
TIFFANY DELAP	872.00
VERNON ELECTRIC COOPERATIVE IN	54.63
VON BRIESEN & ROPER SC	443.50
	14,958.95
POLICE RESERVE PROGRAM	
STREICHER'S INC	213.88
	213.88
POLICE REVOLVING RESTITUTION	
MAYO CLINIC HEALTH SYSTEM	225.00
	225.00
POLICE TRAINING	
ALEXANDER BURG	49.95
DEPT OF NATURAL RESOURCES	40.00
NORTHCENTRAL TECHNICAL COLLEGE	243.00
STREICHER'S INC	24,675.00
	25,007.95
PUMPING	
BRIGHTSPEED HOLDING LLC	30.66
NORTHERN STATES POWER CO WI	36,188.00
UNITED STATES CELLULAR CORPORA	248.86
VERNON ELECTRIC COOPERATIVE IN	303.04
	36,770.56
REAL ESTATE & PERSONAL PROP TX	
TREASURER REFUNDS	389.04
	389.04
SELF-INSURED HEALTH	
TREASURER REFUNDS	342.70
	342.70

WARRANT PUBLICATION LIST

WARRANT RANGE: SP030126 TO SP033126 DATES: 01/01/26 TO 12/31/26

ORG / VENDOR NAME	AMOUNT
SEWER COLLECTION	
FIRST SUPPLY LLC #3010	-1,238.27
	-1,238.27
SOLIDS DISPOSAL	
A-1 ADVANCED PUMPING SERVICE I	26,010.00
LA CROSSE COUNTY SOLID WASTE D	522.60
	26,532.60
SOURCE OF SUPPLY	
MIDWEST WELL SERVICES INC	13,050.80
	13,050.80
SP ASSIGNED BUDGET CARRYOVER	
BOARDMAN & CLARK LLP	293.00
CITY OF LA CROSSE TREASURER	30.00
ENTERPRISE FM TRUST	3.45
FIRST AMERICAN TITLE INSURANCE	240.00
THE OS GROUP LLC	630.00
	1,196.45
SPECIAL ASSESSMENTS - ADMIN	
VIP OUTDOOR SERVICES LLC	12,733.81
	12,733.81
STOCK ROOM	
SAFE-FAST INC	1,310.40
	1,310.40
STREET SWEEPING	
LA CROSSE COUNTY SOLID WASTE D	499.65
	499.65
STREETS - 2024 NOTE FUNDS	
CHIPPEWA CONCRETE SERVICES INC	12,632.97
	12,632.97
STREETS - 2025 NOTE FUNDS	
JEWELL ASSOCIATES ENGINEERS IN	17,915.00
LARSON CONSTRUCTION CO INC	3,000.00
MT ROCK INC	20,475.00
UNIVERSAL TRUCK EQUIPMENT INC	179,418.00
WI DEPT OF TRANSPORTATION	828.52

WARRANT PUBLICATION LIST

WARRANT RANGE: SP030126 TO SP033126 DATES: 01/01/26 TO 12/31/26

ORG / VENDOR NAME	AMOUNT
	221,636.52
STREETS - 2026 NOTE FUNDS	
BROOKS TRACTOR INC	176,250.00
DE BAUCHE TRUCK & DIESEL INC	336,333.00
LARSON CONSTRUCTION CO INC	57,994.54
	570,577.54
TERMINAL OPERATIONS	
BAN-KOE SYSTEMS INC	277.50
NORTHERN STATES POWER CO WI	17,135.22
OVERHEAD DOOR CO OF THE 7 RIVE	10,889.00
SAFE-FAST INC	87.50
TRANE US INC	6,419.78
	34,809.00
TRANSFERS	
NORTHERN STATES POWER CO WI	105.96
VERNON ELECTRIC COOPERATIVE IN	8.21
	114.17
TRANSIT FUND	
TREASURER REFUNDS	8.70
	8.70
TRANSMISSION & DISTRIBUTION	
DAIRYLAND POWER COOPERATIVE	461.49
HYDROCORPS LLC	12,250.00
NORTHERN STATES POWER CO WI	256.19
	12,967.68
WASTE WATER UTILITY	
BAN-KOE SYSTEMS INC	888.59
ENTERPRISE FM TRUST	905.23
	1,793.82
WATER TREATMENT	
DAVY ENGINEERING CO INC	10,590.00
HACH COMPANY	391.56
HAWKINS INC	3,598.57
HD SUPPLY INC	559.89
	15,140.02
WATER UTILITY	

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WARRANT RANGE: SP030126 TO SP033126 DATES: 01/01/26 TO 12/31/26

ORG

VENDOR NAME	AMOUNT
B&M TECHNICAL SERVICES INC	10,102.92
DONOHUE & ASSOCIATES INC	13,716.34
FERGUSON US HOLDINGS INC	42,167.35
HACH COMPANY	7,512.00
L F GEORGE INC	6,244.00
MIDWEST WELL SERVICES INC	23,560.00
	103,302.61
TOTAL	14,100,828.29

** END OF REPORT - Generated by Nolte, Brent **

ORG	VENDOR #	VENDOR NAME	AMOUNT
100	20,768	AIRGAS - NORTH SURCH	1,028.12
100	20,768	CDW GOVT #AI1W21F	343.19
100	20,768	ENVISION WARE	2,427.87
230	20,768	WI CONTRAC* O #35699	-2.20
600	20,768	CULLIGAN LA CROSSE 2	20.00
640	20,768	CDW GOVT #WATER - 20	2,470.44
800	20,768	516 AUTO VALUE - LA	84.18
800	20,768	516 AUTO VALUE - LA	27.46
800	20,768	516 AUTO VALUE - LA	24.16
800	20,768	516 AUTO VALUE - LA	463.66
800	20,768	516 AUTO VALUE - LA	137.33
800	20,768	516 AUTO VALUE - LA	182.08
800	20,768	516 AUTO VALUE - LA	47.94
800	20,768	516 AUTO VALUE - LA	7.93
800	20,768	516 AUTO VALUE - LA	71.32
800	20,768	516 AUTO VALUE - LA	16.12
800	20,768	516 AUTO VALUE - LA	85.47
800	20,768	AMAZON MKTPL*5Z9NM0G	223.40
800	20,768	AMAZON RETA* GI4210X	97.98
800	20,768	CSE*CONS ENERGY	113.10
800	20,768	ENNIS INC	828.00
800	20,768	GRAINGER	29.60
800	20,768	HALRON LUBRICANTS	3,353.00
800	20,768	IMPERIAL SUPPLIES	42.47
800	20,768	MACQUEEN EMERG/EQUIP	1,095.56
800	20,768	MACQUEEN EMERG/EQUIP	280.30
800	20,768	MICHAELS TRUCK EQUIP	745.54
800	20,768	PETERBILT OF LACROSS	118.89
800	20,768	PETERBILT OF LACROSS	328.16
800	20,768	PETERBILT OF LACROSS	1,129.50
800	20,768	PETERBILT OF LACROSS	60.55
800	20,768	POMPS TIRE 018	301.30
800	20,768	SCHILLING SUPPLY COM	2,749.89
800	20,768	SCHILLING SUPPLY COM	3,027.41
800	20,768	ZEP PRODUCTS	326.13
800	20,768	ZORO TOOLS INC	113.35
800	20,768	ZORO TOOLS INC	131.16
1000210	20,768	CDW GOVT #AI1QU1B	94.29
1000210	20,768	LOCAL GOVERNMENT EDU	175.00
1000210	20,768	UPS*BILLING CENTER	1.17
1000210	20,768	UPS*BILLING CENTER	2.50
1000225	20,768	AMAZON MKTPL*3W0W37D	121.56
1000225	20,768	AMAZON MKTPL*B10620I	26.03
1000225	20,768	AMAZON MKTPL*LE1XJ58	116.47
1000310	20,768	LEXISNEXIS RISK SOL	150.00
1000310	20,768	PREMIUM WATERS, INC.	13.50
1000410	20,768	AMAZON MKTPL*B93P793	4.89

ORG	VENDOR #	VENDOR NAME	AMOUNT
1000410	20,768	AMAZON MKTPL*B93P793	155.22
1000410	20,768	COLUMN PUBLIC NOTICE	64.90
1000410	20,768	COLUMN PUBLIC NOTICE	217.14
1000410	20,768	COLUMN PUBLIC NOTICE	138.07
1000410	20,768	COLUMN PUBLIC NOTICE	195.89
1000410	20,768	COLUMN PUBLIC NOTICE	61.37
1000410	20,768	COLUMN PUBLIC NOTICE	80.25
1000410	20,768	COLUMN PUBLIC NOTICE	280.92
1000410	20,768	COLUMN PUBLIC NOTICE	278.82
1000410	20,768	COLUMN PUBLIC NOTICE	335.85
1000410	20,768	COLUMN PUBLIC NOTICE	344.30
1000410	20,768	COLUMN PUBLIC NOTICE	318.95
1000410	20,768	COLUMN PUBLIC NOTICE	335.85
1000410	20,768	COLUMN PUBLIC NOTICE	335.85
1000410	20,768	COLUMN PUBLIC NOTICE	346.40
1000410	20,768	COLUMN PUBLIC NOTICE	323.17
1000410	20,768	COLUMN PUBLIC NOTICE	340.07
1000410	20,768	COLUMN PUBLIC NOTICE	293.60
1000410	20,768	COLUMN PUBLIC NOTICE	171.09
1000410	20,768	COLUMN PUBLIC NOTICE	175.31
1000410	20,768	DFI WS2 RCC CC EPAY	45.00
1000410	20,768	STAPLES	49.50
1000415	20,768	AMAZON MKTPL*B93P793	320.60
1000415	20,768	SP ELECTIONSOURCE	115.31
1000610	20,768	AMAZON MARK* S22LH20	29.99
1000610	20,768	AMAZON MKTPL*7273837	20.08
1000610	20,768	AMAZON RETA* 9B0AC47	24.96
1000610	20,768	AMAZON RETA* UT6ND1G	22.60
1000610	20,768	AMERICAN AIR00123151	703.81
1000610	20,768	LA CROSSE* WI	75.00
1000610	20,768	LACROSSE TRIBUNE CIR	24.99
1000610	20,768	PIGGY'S RESTAURANT A	190.00
1000710	20,768	AMAZON MKTPL*BP02X7L	15.99
1000710	20,768	AMAZON RETA* B93H50H	22.23
1000710	20,768	AMAZON RETA* BD9FL7V	64.89
1000710	20,768	MED*EMPLIFY HEALTH	42.00
1000810	20,768	ACI*BRIGHTSPEED	1,167.67
1000810	20,768	ACI*BRIGHTSPEED	8.95
1000810	20,768	AMAZON RETA* B926K6R	77.15
1000810	20,768	CDW GOVT #AH8UY3X	33,600.00
1000810	20,768	CDW GOVT #AI1MP5M	4,729.14
1000810	20,768	CDW GOVT #AI1QU1B	381.41
1000810	20,768	CDW GOVT #AI28T1G	1,859.24
1000810	20,768	CDW GOVT #AI3HY2I	104.23
1000810	20,768	CDW GOVT #IT COPY FO	94.29
1000810	20,768	CDW GOVT #IT COPY FO	94.29
1000810	20,768	CDW GOVT #KOFAX	5,836.87

ORG	VENDOR #	VENDOR NAME	AMOUNT
1000810	20,768	CDW GOVT #MUNI COURT	188.29
1000810	20,768	CDW GOVT #SERVER ROO	530.23
1000810	20,768	FS COM INC	831.22
1000810	20,768	GIPAW	175.00
1000810	20,768	LENOVO UNITED STATES	791.03
1000810	20,768	SRFAX 866-554-0263	60.60
1000810	20,768	TYLER USER CONFERENC	1,249.00
1000810	20,768	TYLER USER CONFERENC	1,249.00
1000810	20,768	UPS*BILLING CENTER	36.53
1000810	20,768	WISCONSIN KENWORTH -	145.24
1000810	20,768	ZOOM.COM 888-799-966	26.53
1000910	20,768	AMAZON RETA* BD83I6A	8.49
1000910	20,768	AMAZON RETA* VF9416A	22.86
1002010	20,768	4IMPRINT, INC	282.65
1002010	20,768	AMAZON MKTPL*B95180D	12.99
1002010	20,768	AMAZON MKTPL*M81MF8F	26.59
1002010	20,768	AMAZON.COM*B124P8W01	52.47
1002010	20,768	AMAZON.COM*B91RD1411	155.25
1002010	20,768	ATT* BILL PAYMENT	446.47
1002010	20,768	BSN SPORTS LLC	74.99
1002010	20,768	CITY OF MADISON	4.00
1002010	20,768	DOJ EPAY RECORDS CHE	651.00
1002010	20,768	IN *ORGANIZATION DEV	1,185.00
1002010	20,768	INTOXIMETERS INC	140.00
1002010	20,768	KWIK TRIP #390	40.93
1002010	20,768	LACROSSE TRIBUNE CIR	1.00
1002010	20,768	MAYO CLINIC MYCHART	249.00
1002010	20,768	MNSU PAYLOT 4A	12.00
1002010	20,768	SCHILLING SUPPLY COM	86.92
1002010	20,768	SCHILLING SUPPLY COM	59.33
1002010	20,768	SQ *DON'S TOWING AND	100.00
1002010	20,768	TLO TRANSUNION	200.00
1002010	20,768	TLO TRANSUNION	216.00
1002010	20,768	UNIFIRST FIRST AID C	50.96
1002010	20,768	UPS*BILLING CENTER	32.10
1002010	20,768	UPS*BILLING CENTER	65.47
1002010	20,768	UPS*BILLING CENTER	22.94
1002010	20,768	UPS*BILLING CENTER	42.51
1002010	20,768	UPS*BILLING CENTER	42.56
1002010	20,768	UW-WIS VET DIAG LAB	558.00
1002010	20,768	WI STATE HYGIENE LAB	69.95
1002110	20,768	ACI*BRIGHTSPEED	252.51
1002110	20,768	AMAZON RETA* RL0G989	42.09
1002110	20,768	ATT* BILL PAYMENT	88.47
1002110	20,768	CDW GOVT #AI1QU1B	94.29
1002110	20,768	CDW GOVT #FIRE - JEF	21.52
1002110	20,768	STAPLES	49.93

ORG	VENDOR #	VENDOR NAME	AMOUNT
1002110	20,768	UPS*BILLING CENTER	34.34
1002110	20,768	WALGREENS #3498	16.87
1002110	20,768	WALMART.COM	65.97
1002120	20,768	AMAZON MKTPL*1G44N8U	15.04
1002120	20,768	AMAZON MKTPL*4D9RS1F	14.94
1002120	20,768	AMAZON MKTPL*732UH2C	21.77
1002120	20,768	AMAZON MKTPL*858QM5H	34.47
1002120	20,768	AMAZON MKTPL*9P0I80G	330.11
1002120	20,768	AMAZON MKTPL*B10IU3I	21.58
1002120	20,768	AMAZON MKTPL*B14NI5Y	11.86
1002120	20,768	AMAZON MKTPL*B98K73C	25.95
1002120	20,768	AMAZON MKTPL*C26M12F	41.40
1002120	20,768	AMAZON MKTPL*FH8TJ2H	11.99
1002120	20,768	AMAZON MKTPL*N82WT0S	14.93
1002120	20,768	AMAZON MKTPL*U869N4R	26.10
1002120	20,768	AMAZON MKTPL*X29GB29	39.27
1002120	20,768	AMAZON MKTPL*X39VD3Z	15.89
1002120	20,768	AMAZON MKTPL*ZT7MR77	14.94
1002120	20,768	AMAZON RETA* W94WM9V	89.40
1002120	20,768	CONCORD EMBASSY SUIT	606.81
1002120	20,768	RIGHTWAY PARKING	45.29
1002120	20,768	SQ *WISCONSIN FIRE C	100.00
1002120	20,768	UBER *TRIP	37.71
1002120	20,768	WISCONSIN STATE FIRE	30.00
1002120	20,768	WISCONSIN STATE FIRE	1.25
1002125	20,768	AIRGAS - NORTH SURCH	475.35
1002125	20,768	AIRGAS - NORTH SURCH	14.26
1002125	20,768	AMAZON MKTPL*B145A8I	32.90
1002125	20,768	AMAZON MKTPL*B99AC3F	62.99
1002125	20,768	AMAZON MKTPL*D50VL4I	26.52
1002125	20,768	AMAZON RETA* 988AM9P	6.04
1002125	20,768	MENARDS LA CROSSE WI	31.93
1002125	20,768	SAMSCLUB #6436	64.54
1002130	20,768	516 AUTO VALUE - LA	81.41
1002130	20,768	516 AUTO VALUE - LA	107.76
1002130	20,768	ADVANCE AUTO PARTS #	63.60
1002130	20,768	GDLD INC	50.00
1002130	20,768	KIMBALL MIDWEST PAYE	144.75
1002130	20,768	MENARDS LA CROSSE WI	10.44
1002130	20,768	THE HOME DEPOT #4905	132.97
1002130	20,768	THE HOME DEPOT 4905	656.05
1002130	20,768	THE HOME DEPOT 4905	904.75
1003010	20,768	URBAN LAND INSTITUTE	269.87
1003015	20,768	COMFORT SUITES HOTEL	364.00
1003015	20,768	DJW GBW	51.87
1003015	20,768	DSPS POS PROGRAM 2	39.17
1003015	20,768	INT'L CODE COUNCIL I	37.00

ORG	VENDOR #	VENDOR NAME	AMOUNT
1003015	20,768	ROCK GARDEN SUPPER C	15.83
1003015	20,768	STAPLES	54.31
1003015	20,768	USCELL RECURRING	39.57
1003045	20,768	CHULA VISTA RESORT	129.00
1003045	20,768	PAYPAL * WAAO	225.00
1003045	20,768	PAYPAL * WAAO	5.63
1003045	20,768	PAYPAL * WAAO	225.00
1003045	20,768	PAYPAL * WAAO	5.63
1003045	20,768	PAYPAL *WAAO WAAO	62.00
1003045	20,768	UPS*BILLING CENTER	14.54
1003310	20,768	HOLIDAY INN EAU CLA	119.00
1003310	20,768	HOLIDAY INN EAU CLA	120.00
1003310	20,768	HOTELBOOKING*SERVFEE	17.99
1003310	20,768	JOB BOARD WEBSCRIBBL	525.00
1003310	20,768	KWIK TRIP #1126	12.00
1003310	20,768	STRIKE ZONE	17.70
1003310	20,768	UNIFIRST FIRST AID C	74.82
1003310	20,768	UPS*BILLING CENTER	13.24
1003310	20,768	UPS*BILLING CENTER	15.94
1003310	20,768	UPS*BILLING CENTER	13.80
1003310	20,768	UWSP CONTINUING ED O	-125.00
1003415	20,768	515 AUTO VALUE - LA	21.98
1003415	20,768	516 AUTO VALUE - LA	189.88
1003415	20,768	516 AUTO VALUE - LA	6.99
1003415	20,768	516 AUTO VALUE - LA	-255.96
1003415	20,768	516 AUTO VALUE - LA	103.98
1003415	20,768	516 AUTO VALUE - LA	151.98
1003415	20,768	516 AUTO VALUE - LA	27.75
1003415	20,768	516 AUTO VALUE - LA	1.19
1003415	20,768	516 AUTO VALUE - LA	-39.05
1003415	20,768	ACE OF LA CROSSE	185.53
1003415	20,768	ACE OF LA CROSSE	44.98
1003415	20,768	ACE OF LA CROSSE	74.56
1003415	20,768	ACE OF LA CROSSE	107.97
1003415	20,768	ACE OF LA CROSSE	54.99
1003415	20,768	ACE OF LA CROSSE	-54.99
1003415	20,768	ACE OF LA CROSSE	-59.99
1003415	20,768	ACE OF LA CROSSE	-34.99
1003415	20,768	ACE OF LA CROSSE	2.46
1003415	20,768	AMAZON MKTPL*8V64J6P	26.96
1003415	20,768	AMAZON MKTPL*B90351G	17.98
1003415	20,768	AMAZON MKTPL*E19NK5O	50.91
1003415	20,768	AMAZON MKTPL*FL16M9D	28.88
1003415	20,768	AMAZON MKTPL*MR8XB7H	247.35
1003415	20,768	AMAZON MKTPL*OY2RU57	128.97
1003415	20,768	AMAZON MKTPL*YK9NH05	34.98
1003415	20,768	AMAZON MKTPLACE PMTS	-3,899.97

ORG	VENDOR #	VENDOR NAME	AMOUNT
1003415	20,768	AMAZON.COM*BE6YQ9P92	62.99
1003415	20,768	AMERICAN LOCK & KEY	124.99
1003415	20,768	AMERICAN LOCK & KEY	8.25
1003415	20,768	BERNIE BUCHNER PLUMB	3,895.97
1003415	20,768	BREYERS SALES / SERV	32.49
1003415	20,768	BREYERS SALES / SERV	0.97
1003415	20,768	CDW GOVT #STREETS -	266.90
1003415	20,768	FACTORY MOTOR PARTS	-327.25
1003415	20,768	FESTIVAL FOODS	102.92
1003415	20,768	FSP*THE OSTHOFF RESO	221.38
1003415	20,768	GEXPRO 7535	6,400.00
1003415	20,768	GEXPRO 7535	38.17
1003415	20,768	GEXPRO 7535	877.57
1003415	20,768	GEXPRO 7535	25.00
1003415	20,768	GEXPRO 7535	1,550.52
1003415	20,768	HALRON LUBRICANTS IN	-20.00
1003415	20,768	HARTLAND LUBRICANTS	503.85
1003415	20,768	IMPERIAL SUPPLIES	156.01
1003415	20,768	IMPERIAL SUPPLIES	142.78
1003415	20,768	IMPERIAL SUPPLIES	697.43
1003415	20,768	IMPERIAL SUPPLIES	104.51
1003415	20,768	IMPERIAL SUPPLIES	8.42
1003415	20,768	IMPERIAL SUPPLIES	179.36
1003415	20,768	IMPERIAL SUPPLIES	272.70
1003415	20,768	IMPERIAL SUPPLIES	111.43
1003415	20,768	IMPERIAL SUPPLIES	189.36
1003415	20,768	IMPERIAL SUPPLIES	103.00
1003415	20,768	IMPERIAL SUPPLIES	101.20
1003415	20,768	IMPERIAL SUPPLIES	280.76
1003415	20,768	KIMBALL MIDWEST PAYE	560.33
1003415	20,768	KIMBALL MIDWEST PAYE	243.60
1003415	20,768	KIMBALL MIDWEST PAYE	516.75
1003415	20,768	MACQUEEN EMERG/EQUIP	24.20
1003415	20,768	MED*EMPLIFY HEALTH	156.00
1003415	20,768	MED*EMPLIFY HEALTH	590.00
1003415	20,768	MENARDS LA CROSSE WI	5.99
1003415	20,768	MENARDS LA CROSSE WI	76.29
1003415	20,768	MENARDS LA CROSSE WI	34.99
1003415	20,768	MENARDS LA CROSSE WI	401.73
1003415	20,768	MENARDS LA CROSSE WI	14.87
1003415	20,768	MENARDS LA CROSSE WI	89.50
1003415	20,768	MENARDS LA CROSSE WI	163.50
1003415	20,768	MENARDS LA CROSSE WI	12.73
1003415	20,768	MENARDS LA CROSSE WI	47.96
1003415	20,768	MENARDS LA CROSSE WI	139.72
1003415	20,768	MENARDS LA CROSSE WI	7.71
1003415	20,768	MENARDS LA CROSSE WI	117.12

ORG	VENDOR #	VENDOR NAME	AMOUNT
1003415	20,768	MENARDS LA CROSSE WI	24.85
1003415	20,768	MENARDS LA CROSSE WI	47.33
1003415	20,768	MENARDS LA CROSSE WI	4.77
1003415	20,768	MENARDS LA CROSSE WI	33.52
1003415	20,768	MENARDS LA CROSSE WI	129.48
1003415	20,768	MENARDS LA CROSSE WI	2.00
1003415	20,768	MENARDS LA CROSSE WI	43.97
1003415	20,768	MENARDS LA CROSSE WI	95.07
1003415	20,768	MISSISSIPPI WELDERS	89.22
1003415	20,768	PETERBILT OF LACROSS	-10.98
1003415	20,768	PRECISE MRM LLC	160.00
1003415	20,768	ROD'S COUNTRY CORNER	125.00
1003415	20,768	ROD'S COUNTRY CORNER	28.56
1003415	20,768	RONCO ENGR SALES-LA	9.15
1003415	20,768	RONCO ENGR SALES-LA	96.11
1003415	20,768	RONCO ENGR SALES-LA	310.98
1003415	20,768	SAFETY KLEEN SYSTEMS	444.70
1003415	20,768	SAFETY KLEEN SYSTEMS	13.34
1003415	20,768	UNIFIRST FIRST AID C	151.45
1003415	20,768	UPS*BILLING CENTER	63.82
1003415	20,768	UPS*BILLING CENTER	177.17
1003415	20,768	WALMART.COM	44.44
1003415	20,768	WISCONSIN KENWORTH -	39.81
1003415	20,768	WISCONSIN KENWORTH -	1,520.68
1003415	20,768	WISCONSIN KENWORTH -	444.00
1003415	20,768	WISCONSIN KENWORTH -	-178.70
1003415	20,768	WISCONSIN KENWORTH -	-173.99
1003415	20,768	WISCONSIN KENWORTH -	-444.00
1003415	20,768	WM SUPERCENTER #5127	38.73
1003420	20,768	MENARDS LA CROSSE WI	498.99
1003420	20,768	MENARDS LA CROSSE WI	360.55
1003430	20,768	515 AUTO VALUE - LA	50.88
1003430	20,768	516 AUTO VALUE - LA	119.99
1003430	20,768	516 AUTO VALUE - LA	27.70
1003430	20,768	516 AUTO VALUE - LA	86.82
1003430	20,768	516 AUTO VALUE - LA	87.71
1003430	20,768	516 AUTO VALUE - LA	147.44
1003430	20,768	516 AUTO VALUE - LA	166.40
1003430	20,768	516 AUTO VALUE - LA	117.98
1003430	20,768	516 AUTO VALUE - LA	338.96
1003430	20,768	516 AUTO VALUE - LA	34.98
1003430	20,768	516 AUTO VALUE - LA	27.70
1003430	20,768	516 AUTO VALUE - LA	92.17
1003430	20,768	516 AUTO VALUE - LA	54.39
1003430	20,768	516 AUTO VALUE - LA	15.62
1003430	20,768	516 AUTO VALUE - LA	14.01
1003430	20,768	516 AUTO VALUE - LA	12.99

ORG	VENDOR #	VENDOR NAME	AMOUNT
1003430	20,768	516 AUTO VALUE - LA	1.17
1003430	20,768	516 AUTO VALUE - LA	5.30
1003430	20,768	516 AUTO VALUE - LA	16.42
1003430	20,768	AMERICAN STATE EQUIP	10,625.09
1003430	20,768	B & H RADIATOR SVC	348.40
1003430	20,768	DAVE SYVERSON FREIGH	2,545.96
1003430	20,768	DAVE SYVERSON FREIGH	75.00
1003430	20,768	DEBAUCHE TRUCK & DIE	94.99
1003430	20,768	DEBAUCHE TRUCK & DIE	21.89
1003430	20,768	DEBAUCHE TRUCK & DIE	411.18
1003430	20,768	DEBAUCHE TRUCK & DIE	728.73
1003430	20,768	GOLDBECK TOWING SERV	787.50
1003430	20,768	GOLDBECK TOWING SERV	675.00
1003430	20,768	HARBOR FREIGHT TOOLS	14.99
1003430	20,768	JOHNSON TRACTOR - LA	407.36
1003430	20,768	MICHAELS TRUCK EQUIP	152.94
1003430	20,768	NUSS TRUCK & EQUIPME	275.41
1003430	20,768	O'REILLY 2214	290.00
1003430	20,768	O'REILLY 2214	115.72
1003430	20,768	O'REILLY 2214	91.40
1003430	20,768	O'REILLY 2214	60.80
1003430	20,768	O'REILLY 2214	22.92
1003430	20,768	O'REILLY 2214	168.09
1003430	20,768	PETERBILT OF LACROSS	357.01
1003430	20,768	PETERBILT OF LACROSS	1,456.81
1003430	20,768	PETERBILT OF LACROSS	74.40
1003430	20,768	PETERBILT OF LACROSS	110.35
1003430	20,768	PETERBILT OF LACROSS	598.00
1003430	20,768	POMPS TIRE 018	602.60
1003430	20,768	PY *SLEEPY HOLLOW FO	16.24
1003430	20,768	PY *SLEEPY HOLLOW FO	138.60
1003430	20,768	PY *SLEEPY HOLLOW FO	77.25
1003430	20,768	PY *SLEEPY HOLLOW FO	60.59
1003430	20,768	RONCO ENGR SALES-LA	21.88
1003430	20,768	RONCO ENGR SALES-LA	78.41
1003430	20,768	RONCO ENGR SALES-LA	44.78
1003430	20,768	SCHAEFER ENTERPRISES	9,094.00
1003430	20,768	SNOQUIP INC	208.96
1003430	20,768	TITAN MACHINERY LA C	744.66
1003430	20,768	TITAN MACHINERY LA C	195.88
1003430	20,768	TITAN MACHINERY LA C	1,406.30
1003430	20,768	WISCONSIN KENWORTH -	11.00
1003430	20,768	WISCONSIN KENWORTH -	46.25
1003430	20,768	WISCONSIN KENWORTH -	352.69
1003430	20,768	WISCONSIN KENWORTH -	209.69
1003430	20,768	WISCONSIN KENWORTH -	6.94
1003430	20,768	WISCONSIN KENWORTH -	42.63

ORG	VENDOR #	VENDOR NAME	AMOUNT
1003430	20,768	WISCONSIN KENWORTH -	1,381.44
1003430	20,768	WISCONSIN KENWORTH -	2,304.45
1003430	20,768	WISCONSIN KENWORTH -	986.86
1004010	20,768	4TE*LACROSSE CO SOLI	64.40
1004010	20,768	4TE*LACROSSE CO SOLI	1.95
1004010	20,768	ADOBE INC	244.93
1004010	20,768	AMAZON MKTPL*118EZ4Z	9.48
1004010	20,768	AMAZON MKTPL*910Q26O	36.99
1004010	20,768	AMAZON MKTPL*B12NE1Y	31.66
1004010	20,768	AMAZON MKTPL*B93S12O	250.40
1004010	20,768	AMAZON MKTPL*B97NN87	59.99
1004010	20,768	AMAZON MKTPL*BE3ZJ53	41.99
1004010	20,768	AMAZON MKTPL*BE5AN7U	149.86
1004010	20,768	AMAZON MKTPL*BE84P8J	219.98
1004010	20,768	AMAZON MKTPL*BE8F971	152.18
1004010	20,768	AMAZON MKTPL*BP1FA0P	37.78
1004010	20,768	AMAZON MKTPL*DG4B22S	125.04
1004010	20,768	AMAZON MKTPL*F74S28S	192.51
1004010	20,768	AMAZON MKTPL*ND55P2L	199.99
1004010	20,768	AMAZON MKTPL*NV7388M	28.44
1004010	20,768	AMAZON MKTPL*PU30U1O	128.99
1004010	20,768	AMAZON RETA* B179F2Y	38.50
1004010	20,768	AMAZON.COM*4G2QW5883	50.26
1004010	20,768	AMAZON.COM*JQ1ID7B73	217.98
1004010	20,768	BOB'S LOCK AND SAFE	37.50
1004010	20,768	CDW GOVT #AI1W21F	2,402.31
1004010	20,768	DEMCO INC	58.33
1004010	20,768	ENVISION WARE	4,855.74
1004010	20,768	IN *ROTARY CLUB OF L	348.50
1004010	20,768	IN *ROTARY CLUB OF L	12.66
1004010	20,768	IN *TALON PROTECTION	7,508.53
1004010	20,768	MENARDS LA CROSSE WI	66.80
1004010	20,768	MENARDS LA CROSSE WI	356.51
1004010	20,768	MENARDS LA CROSSE WI	29.99
1004010	20,768	MENARDS LA CROSSE WI	529.55
1004010	20,768	MSFT * E0100YO8PR	80.50
1004010	20,768	MSFT * E0100YXDQ4	80.50
1004010	20,768	NEXTIVA SERVICE	730.17
1004010	20,768	NEXTIVA SERVICE	730.17
1004010	20,768	QUADIENT INC ORACLE	80.85
1004010	20,768	SCHILLING SUPPLY COM	245.46
1004010	20,768	SHERWIN-WILLIAMS7035	53.95
1004010	20,768	TRACTOR CENTRAL WEST	56.82
1004010	20,768	UNIFIRST CORPORATION	38.15
1004010	20,768	UNIFIRST CORPORATION	38.15
1004010	20,768	UNIFIRST CORPORATION	41.75
1004010	20,768	UNIFIRST CORPORATION	9.31

ORG	VENDOR #	VENDOR NAME	AMOUNT
1004010	20,768	UNIFIRST CORPORATION	38.15
1004010	20,768	UW CONT ED REG CENTE	275.00
1004010	20,768	UW CONT ED REG CENTE	160.00
1004010	20,768	VERIZONWRLSS*RTCCR V	46.25
1004015	20,768	AMAZON MKTPL*BE7G76G	23.99
1004015	20,768	AMAZON MKTPL*SN0DG6O	29.51
1004015	20,768	AMAZON MKTPL*Z60DD76	27.67
1004015	20,768	AMAZON MKTPL*ZV8EN65	143.76
1004015	20,768	AMAZON MKTPLACE PMTS	-33.15
1004015	20,768	AMAZON MKTPLACE PMTS	-19.79
1004015	20,768	AMAZON RETA* BE2N29R	34.61
1004015	20,768	AMAZON RETA* BE2OU7R	21.99
1004015	20,768	AMAZON RETA* BE5XE2F	11.99
1004015	20,768	AMAZON RETA* BE8RF5F	281.39
1004015	20,768	AMAZON RETA* HY42U40	12.79
1004015	20,768	AMAZON RETA* JJ7QL36	93.06
1004015	17,796	INGRAM LIBRARY SERVI	2,208.01
1004015	17,796	INGRAM LIBRARY SERVI	1,053.22
1004015	17,796	INGRAM LIBRARY SERVI	228.05
1004015	17,796	INGRAM LIBRARY SERVI	660.13
1004015	17,796	INGRAM LIBRARY SERVI	39.94
1004015	17,796	INGRAM LIBRARY SERVI	968.94
1004015	17,796	INGRAM LIBRARY SERVI	72.75
1004015	17,796	INGRAM LIBRARY SERVI	87.00
1004015	17,796	INGRAM LIBRARY SERVI	223.24
1004015	17,796	INGRAM LIBRARY SERVI	99.31
1004015	17,796	INGRAM LIBRARY SERVI	325.39
1004015	17,796	INGRAM LIBRARY SERVI	136.66
1004015	17,796	INGRAM LIBRARY SERVI	13.63
1004015	17,796	INGRAM LIBRARY SERVI	54.52
1004015	17,796	INGRAM LIBRARY SERVI	70.20
1004015	17,796	INGRAM LIBRARY SERVI	32.12
1004015	17,796	INGRAM LIBRARY SERVI	210.82
1004015	17,796	INGRAM LIBRARY SERVI	1,129.60
1004015	17,796	INGRAM LIBRARY SERVI	13.63
1004015	17,796	INGRAM LIBRARY SERVI	1,267.21
1004015	17,796	INGRAM LIBRARY SERVI	336.69
1004015	17,796	INGRAM LIBRARY SERVI	381.00
1004015	17,796	INGRAM LIBRARY SERVI	42.18
1004015	17,796	INGRAM LIBRARY SERVI	247.50
1004015	17,796	INGRAM LIBRARY SERVI	36.60
1004015	17,796	INGRAM LIBRARY SERVI	477.81
1004015	17,796	INGRAM LIBRARY SERVI	40.83
1004015	17,796	INGRAM LIBRARY SERVI	727.98
1004015	17,796	INGRAM LIBRARY SERVI	21.60
1004015	17,796	INGRAM LIBRARY SERVI	234.35
1004015	17,796	INGRAM LIBRARY SERVI	85.88

ORG	VENDOR #	VENDOR NAME	AMOUNT
1004015	17,796	INGRAM LIBRARY SERVI	517.91
1004015	17,796	INGRAM LIBRARY SERVI	17.27
1004015	17,796	INGRAM LIBRARY SERVI	11.24
1004015	17,796	INGRAM LIBRARY SERVI	179.20
1004015	17,796	INGRAM LIBRARY SERVI	71.88
1004015	17,796	INGRAM LIBRARY SERVI	111.28
1004015	17,796	INGRAM LIBRARY SERVI	104.65
1004015	17,796	INGRAM LIBRARY SERVI	1,424.11
1004015	17,796	INGRAM LIBRARY SERVI	129.01
1004015	17,796	INGRAM LIBRARY SERVI	261.62
1004015	17,796	INGRAM LIBRARY SERVI	449.90
1004015	17,796	INGRAM LIBRARY SERVI	83.26
1004015	17,796	INGRAM LIBRARY SERVI	145.67
1004015	17,796	INGRAM LIBRARY SERVI	1,438.43
1004015	17,796	INGRAM LIBRARY SERVI	545.62
1004210	20,768	CANVA* I04818-583435	119.40
1004210	20,768	MAILCHIMP	234.60
1004210	20,768	SQ *NATURE'S GIFTS G	55.00
1004210	20,768	SQ *NATURE'S GIFTS G	2.14
1004210	20,768	STAPLES	49.25
1004210	20,768	STAPLES	12.93
1004210	20,768	WM SUPERCENTER #3505	62.06
1004215	20,768	516 AUTO VALUE - LA	24.99
1004215	20,768	516 AUTO VALUE - LA	20.99
1004215	20,768	ACI*BRIGHTSPEED	454.30
1004215	20,768	AMAZON MKTPL*BE0T65N	15.99
1004215	20,768	AMAZON MKTPL*BE5EL6R	85.38
1004215	20,768	AMAZON MKTPL*BE7IL3Z	22.48
1004215	20,768	AMAZON MKTPL*BP0P50V	30.09
1004215	20,768	AMAZON MKTPL*K89HI3C	28.20
1004215	20,768	DOJ EPAY RECORDS CHE	7.00
1004215	20,768	MENARDS LA CROSSE WI	18.98
1004215	20,768	MENARDS LA CROSSE WI	29.98
1004215	20,768	MENARDS LA CROSSE WI	96.66
1004215	20,768	MENARDS LA CROSSE WI	48.98
1004215	20,768	MENARDS LA CROSSE WI	121.23
1004215	20,768	MENARDS LA CROSSE WI	60.92
1004215	20,768	MENARDS LA CROSSE WI	73.67
1004215	20,768	MENARDS LA CROSSE WI	18.49
1004215	20,768	MN RECREATION AND PA	745.00
1004215	20,768	NORTHERN BATTERY 108	186.74
1004215	20,768	ORKIN LLC 002	99.58
1004215	20,768	RIVER ROAD QUILT SHO	343.00
1004215	20,768	RIVER ROAD QUILT SHO	200.00
1004215	20,768	SPECTRUM	165.00
1004220	20,768	AMAZON MKTPL*SP7JM22	154.97
1004220	20,768	INDEED USI26-0178401	293.84

ORG	VENDOR #	VENDOR NAME	AMOUNT
1004220	20,768	LEGACY DINNER THTR I	1,748.70
1004220	20,768	LEGACY DINNER THTR I	1,500.00
1004220	20,768	MUSEUM OF RUSSIAN AR	270.00
1004220	20,768	QUILT SHOW-GARDEN EX	-70.00
1004225	20,768	ACI*BRIGHTSPEED	599.76
1004225	20,768	AMAZON MARK* BD6RL2Z	30.08
1004225	20,768	FIRST SUPPLY LA CROS	24.68
1004225	20,768	GRAINGER	192.72
1004225	20,768	MENARDS LA CROSSE WI	35.59
1004225	20,768	MENARDS LA CROSSE WI	38.17
1004225	20,768	MENARDS LA CROSSE WI	51.47
1004225	20,768	MENARDS LA CROSSE WI	18.41
1004225	20,768	MENARDS LA CROSSE WI	16.99
1004225	20,768	MENARDS LA CROSSE WI	11.98
1004225	20,768	MENARDS LA CROSSE WI	6.10
1004225	20,768	MENARDS LA CROSSE WI	-11.98
1004225	20,768	MENARDS LA CROSSE WI	11.98
1004225	20,768	ORKIN LLC 002	76.50
1004225	20,768	ORKIN LLC 002	54.26
1004225	20,768	ORKIN LLC 002	85.65
1004225	20,768	PITTSBURGH WATER COO	560.94
1004225	20,768	SCHILLING SUPPLY COM	4,632.35
1004225	20,768	UNIFIRST CORPORATION	22.54
1004225	20,768	UNIFIRST CORPORATION	49.44
1004225	20,768	UNIFIRST FIRST AID C	254.32
1004230	20,768	AMAZON MKTPL*LZ97S6G	23.98
1004230	20,768	ARBSESS*	244.96
1004230	20,768	ARBSESSION INC	244.96
1004230	20,768	EFFINGER EQUIPMENT S	81.57
1004230	20,768	ISA	185.00
1004230	20,768	WISCONSIN ARBORISTS	345.00
1004235	20,768	ACI*BRIGHTSPEED	80.00
1004235	20,768	MENARDS LA CROSSE WI	31.94
1004235	20,768	SPECTRUM	10.00
1004235	20,768	SPECTRUM	12.08
1009910	20,768	AMAZON RETA* BE3N54A	50.00
1009910	20,768	AMAZON RETA* BE84E3Z	200.00
1009910	20,768	BAKER CREEK HEIRLOOM	43.50
1009910	20,768	CANVA* 04813-3410109	119.99
1009910	20,768	DOJ EPAY RECORDS CHE	21.00
1009910	20,768	DOJ EPAY RECORDS CHE	14.00
1009910	20,768	DOJ EPAY RECORDS CHE	7.00
1009910	20,768	IN *ORGANIZATION DEV	4,370.00
1009910	20,768	JIMMY JOHNS - 417	94.60
1009910	20,768	KWIK TRIP #311	150.00
1009910	20,768	MAYO CLINIC MYCHART	498.00
1009910	20,768	MED*EMPLIFY HEALTH	120.00

ORG	VENDOR #	VENDOR NAME	AMOUNT
1009910	20,768	MED*EMPLIFY HEALTH	195.00
1009910	20,768	MED*EMPLIFY HEALTH	224.00
1009910	20,768	MED*EMPLIFY HEALTH	192.00
1009910	20,768	MED*EMPLIFY HEALTH	376.00
1009910	20,768	MED*EMPLIFY HEALTH	64.00
1009910	20,768	MOTION CONNECTED	495.00
1009910	20,768	PAR*MOKA - ONALASKA	100.00
1009910	20,768	PAYPAL *HEAVENSHAND	50.00
1009910	20,768	PIZZA KING	196.16
1009910	20,768	SAMS CLUB.COM	12.06
1009910	20,768	SCOOTER'S COFFEE #77	50.00
1009910	20,768	SQ *HEAVENS HANDS	256.00
2002085	20,768	PARKING UTILITY SMAR	3.00
2303080	20,768	PGV*LACROSSE REG OF	44.00
2303080	20,768	PGV*LACROSSE REG OF	1.10
2303080	20,768	SIMPLIFILE.COM	40.00
2303080	20,768	SIMPLIFILE.COM	0.84
2303080	20,768	SIMPLIFILE.COM	40.00
2303080	20,768	SIMPLIFILE.COM	0.84
2303080	20,768	WI CONTRAC* O #35895	-5.45
2303084	20,768	MENARDS LA CROSSE WI	24.88
2303084	20,768	MENARDS LA CROSSE WI	9.87
2604110	20,768	AMAZON MKTPL*Z46280K	9.99
2604110	20,768	AMAZON MKTPL*Z46280K	34.99
2604110	20,768	CDW GOVT #AI1MP5M	7,368.66
2604110	20,768	CDW GOVT #AI1QU1B	762.82
2604110	20,768	FACEBK *5WLXCFZWR2	120.46
2604110	20,768	FACEBK *Y995UF5WR2	4.03
2604110	20,768	KWIK TRIP #583	22.13
2604110	20,768	KWIK TRIP #775	22.80
2604110	20,768	MED*EMPLIFY HEALTH	42.00
2604110	20,768	MILWAUKEE CITY CENTE	15.00
2604110	20,768	PST*TRIPLESEAT	80.00
2604115	20,768	BUDGET RENT A CAR	676.75
2604115	20,768	FACEBK *5TG6DC9WR2	329.00
2604115	20,768	FACEBK *5WLXCFZWR2	208.54
2604115	20,768	FACEBK *RAGYFFRWR2	274.23
2604115	20,768	FACEBK *Y995UF5WR2	324.97
2604115	20,768	FESTIVAL FOODS	11.99
2604115	20,768	HIVE CO	306.04
2604115	20,768	HOMES TO SUITES BY H	148.36
2604115	20,768	HOMES TO SUITES BY H	258.00
2604115	20,768	HOMES TO SUITES BY H	2,283.28
2604115	20,768	HOMES TO SUITES BY H	148.36
2604115	20,768	MICHAELS STORES 5150	18.21
2604115	20,768	PEARL STREET HOTEL &	436.00
2604115	20,768	SQ *FIFTH AVENUE AWA	28.50

ORG	VENDOR #	VENDOR NAME	AMOUNT
2604115	20,768	THE CHARMANT HOTEL	169.00
2604115	20,768	TST* AUGIE'S BAR AND	550.00
2604115	20,768	TST*TACO BROZ	103.74
2604115	20,768	TST*TACO BROZ	114.14
2604120	20,768	AMAZON MKTPL*BE7VK5I	125.07
2604120	20,768	AMAZON MKTPL*SS72X64	77.98
2604120	20,768	FESTIVAL FOODS	108.39
2604120	20,768	FESTIVAL FOODS	21.00
2604120	20,768	FESTIVAL FOODS	22.56
2604120	20,768	FESTIVAL FOODS	155.56
2604120	20,768	FESTIVAL FOODS	16.70
2604120	20,768	HOBBY-LOBBY #0217	184.87
2604120	20,768	KWIK TRIP #761	1,428.00
2604120	20,768	MENARDS LA CROSSE WI	41.36
2604120	20,768	MENARDS LA CROSSE WI	51.88
2604120	20,768	POLITE BARBER SHOP	800.00
2604120	20,768	POLITE BARBER SHOP	24.00
2604120	20,768	WAL-MART #5127	124.69
2604120	20,768	WM SUPERCENTER #5127	114.99
2604125	20,768	AMAZON MKTPL*Z46280K	59.89
2604125	20,768	AMERICAN LOCK & KEY	138.00
2604125	20,768	MENARDS LA CROSSE WI	31.73
2604125	20,768	MENARDS LA CROSSE WI	491.53
2604125	20,768	MENARDS LA CROSSE WI	32.98
2604125	20,768	SCHILLING SUPPLY COM	120.49
2604125	20,768	SCHILLING SUPPLY COM	85.00
2604125	20,768	SCHILLING SUPPLY COM	6,440.83
2604125	20,768	SCHILLING SUPPLY COM	85.00
2604125	20,768	SCHILLING SUPPLY COM	478.98
2604125	20,768	UNIFIRST FIRST AID C	751.78
2604125	20,768	ZORO TOOLS INC	143.97
2703110	20,768	516 AUTO VALUE - LA	25.42
2703110	20,768	516 AUTO VALUE - LA	25.42
2703110	20,768	516 AUTO VALUE - LA	-49.75
2703110	20,768	516 AUTO VALUE - LA	228.04
2703110	20,768	516 AUTO VALUE - LA	138.50
2703110	20,768	516 AUTO VALUE - LA	240.04
2703110	20,768	516 AUTO VALUE - LA	216.24
2703110	20,768	516 AUTO VALUE - LA	8.98
2703110	20,768	516 AUTO VALUE - LA	226.56
2703110	20,768	ABC FLORIDA PARTS CA	209.70
2703110	20,768	ABC FLORIDA PARTS CA	479.40
2703110	20,768	ABC FLORIDA PARTS CA	436.99
2703110	20,768	ACI*BRIGHTSPEED	147.84
2703110	20,768	AMAZON MKTPL*B91IT7K	55.98
2703110	20,768	APPLIED MSS LLC 6511	529.71
2703110	20,768	APPLIED MSS LLC 6511	671.09

ORG	VENDOR #	VENDOR NAME	AMOUNT
2703110	20,768	BOBCAT OF THE COULEE	862.70
2703110	20,768	BTS*UNIFIRST CORPORA	14.24
2703110	20,768	BTS*UNIFIRST CORPORA	14.90
2703110	20,768	BTS*UNIFIRST CORPORA	14.90
2703110	20,768	BTS*UNIFIRST CORPORA	14.24
2703110	20,768	BTS*UNIFIRST CORPORA	14.24
2703110	20,768	BTS*UNIFIRST CORPORA	14.90
2703110	20,768	BTS*UNIFIRST CORPORA	100.82
2703110	20,768	BTS*UNIFIRST CORPORA	100.82
2703110	20,768	BTS*UNIFIRST CORPORA	100.82
2703110	20,768	CDW GOVT #MTU - TIM	-86.86
2703110	20,768	CUMMINS EVS	96.21
2703110	20,768	CUMMINS EVS	2.89
2703110	20,768	DOJ EPAY RECORDS CHE	7.00
2703110	20,768	DOJ EPAY RECORDS CHE	7.00
2703110	20,768	GEXPRO 7535	216.24
2703110	20,682	GILLIG LLC	396.54
2703110	20,682	GILLIG LLC	3,546.66
2703110	20,682	GILLIG LLC	1,321.44
2703110	20,682	GILLIG LLC	2,479.74
2703110	20,682	GILLIG LLC	1,415.42
2703110	20,682	GILLIG LLC	901.72
2703110	20,682	GILLIG LLC	656.14
2703110	20,768	HALRON LUBRICANTS	577.50
2703110	20,768	HALRON LUBRICANTS IN	-631.25
2703110	20,768	HALRON LUBRICANTS IN	512.75
2703110	20,768	MED*EMPLIFY HEALTH	156.00
2703110	20,768	MED*EMPLIFY HEALTH	605.00
2703110	20,768	MENARDS LA CROSSE WI	4.32
2703110	20,768	MENARDS LA CROSSE WI	21.99
2703110	20,768	PETERBILT OF LACROSS	492.55
2703110	20,768	PETERBILT OF LACROSS	47.15
2703110	20,768	PETERBILT OF LACROSS	86.56
2703110	20,768	PETERBILT OF LACROSS	831.76
2703110	20,768	PETERBILT OF LACROSS	318.88
2703110	20,768	PTG OF LA CROSSE	-282.63
2703110	20,768	PTG OF LA CROSSE	552.42
2703110	20,768	TOYOTA OF LA CROSSE	120.09
2703110	20,768	WISCONSIN KENWORTH -	60.00
2703110	20,768	WISCONSIN KENWORTH -	-696.88
2703110	20,768	WISCONSIN KENWORTH -	-188.70
2703110	20,768	WISCONSIN KENWORTH -	12,041.51
2703110	20,768	WISCONSIN KENWORTH -	678.97
2900252	20,768	AMAZON MARK* B93XV7S	26.99
2900252	20,768	MU EXT CONF & EVENTS	325.00
2900254	20,768	TLF*SUNSHINE FLORAL	38.99
2902051	20,768	AMAZON MKTPL*B15821I	63.99

ORG	VENDOR #	VENDOR NAME	AMOUNT
2902051	20,768	BP#9267758N SUBURBAN	47.78
2902051	20,768	CULVERS OF ROCHESTER	25.81
2902051	20,768	GLOCK PROFESSIONAL I	300.00
2902051	20,768	HILTON GARDEN SHOREV	867.30
2902051	20,768	JERSEY MIKES 24019	29.95
2902051	20,768	JERSEY MIKES 24019	29.09
2902051	20,768	JERSEY MIKES 24019	25.55
2902051	20,768	JERSEY MIKES 24019	28.72
2902051	20,768	KOHLER WI RESORT HOT	-22.62
2902051	20,768	NU CPS REGISTRATION	5,000.00
2902051	20,768	PANCHEROS MEXICAN GR	39.94
2902051	20,768	THE GARDEN GRILLE &	34.85
2902051	20,768	THE GARDEN GRILLE &	34.35
2902051	20,768	THE GARDEN GRILLE &	33.35
2902051	20,768	TST* OG ZAZA - POTLU	74.48
2902051	20,768	TST* OG ZAZA - POTLU	1.80
2902051	20,768	TST*OLD SOUTHERN BBQ	71.02
2902051	20,768	TST*OLD SOUTHERN BBQ	79.42
2902058	20,768	FUN FUR PETS DOG DAY	28.00
2902058	20,768	FUN FUR PETS DOG DAY	29.50
2902058	20,768	PAMPERED PAWS	88.55
2902058	20,768	PETSMART # 1506	86.99
2902058	20,768	USPCA	75.00
2902058	20,768	WAGS AND WHISKERS	59.99
2902058	20,768	WI STATE PATROL ACAD	180.00
2902063	20,768	AMAZON MKTPL*B96K514	52.74
2902063	20,768	AMAZON MKTPL*BE7QX5C	197.88
2902063	20,768	AMAZON MKTPL*XD3ZF6P	65.60
2902065	20,768	SQ *NATIONAL TACTICA	571.00
2902065	20,768	SQ *NATIONAL TACTICA	571.00
2902065	20,768	WI DOJ* 2026 WISCONS	406.65
2902065	20,768	WI DOJ* 2026 WISCONS	406.65
2902153	20,768	WAHMR 2026	350.00
2902153	20,768	WAHMR 2026	350.00
2902153	20,768	WAHMR 2026	700.00
2902153	20,768	WAHMR 2026	350.00
2902153	20,768	WAHMR 2026	350.00
2902153	20,768	WAHMR 2026	16.90
2902153	20,768	WAHMR 2026	16.90
2902153	20,768	WAHMR 2026	33.80
2902153	20,768	WAHMR 2026	16.90
2902153	20,768	WAHMR 2026	16.90
2902153	20,768	WAHMR 2026	350.00
2902153	20,768	WAHMR 2026	16.90
2902154	20,768	AMAZON.COM*O02QQ9Y63	38.88
2902154	20,768	NATIONAL REGISTRY EM	32.00
2902154	20,768	NATIONAL REGISTRY EM	104.00

ORG	VENDOR #	VENDOR NAME	AMOUNT
2904251	20,768	MENARDS LA CROSSE WI	61.20
2904259	20,768	UNIFIRST FIRST AID C	571.82
2904268	20,768	AMAZON MKTPL*7P5NX61	38.77
2904268	20,768	MENARDS LA CROSSE WI	238.10
2904269	20,768	SPECTRUM	109.99
2904274	20,768	AMAZON MKTPL*B14OQ3Y	219.57
2904274	20,768	AMAZON MKTPL*B96MO26	53.12
2904274	20,768	JIMMY JOHNS - 417	200.51
2904274	20,768	SAMSCLUB #6436	84.72
2904274	20,768	SAMSCLUB.COM	379.84
2904274	20,768	SAMSCLUB.COM	248.95
2904275	20,768	KWIK TRIP #391	4.79
2904275	20,768	SQ *LA CROSSE BASEBA	500.00
2904275	20,768	WAL-MART #1679	37.07
2904275	20,768	WALMART.COM	12.36
2904275	20,768	WALMART.COM 80092562	140.13
2904276	20,768	AMAZON MKTPL*1V1G750	45.60
2904276	20,768	AMAZON MKTPL*6R7BJ69	25.64
2904276	20,768	CITY OF LA CROSSE -	10.00
2904276	20,768	KWIK TRIP #391	34.32
2904276	20,768	MENARDS LA CROSSE WI	48.22
2904276	20,768	MENARDS LA CROSSE WI	81.98
2904276	20,768	SAMSCLUB #6436	83.68
2904276	20,768	USPS PO 5644390083	15.60
2904276	20,768	WALMART.COM	69.22
4020824	20,768	CDW GOVT #AI1LK9H	540.99
4020824	20,768	FS COM INC	286.94
4020825	20,768	CDW GOVT #2026 COMP	9,881.76
4020825	20,768	CDW GOVT #2026 COMPU	3,251.43
4020825	20,768	CDW GOVT #2026 COMPU	6,459.98
4020825	20,768	CDW GOVT #2026 COMPU	7,411.32
4020825	20,768	CDW GOVT #AI21U2M	15,359.12
4020825	20,768	CDW GOVT #AI3FT2I	729.68
4020825	20,768	CDW GOVT #IT - COUNC	1,358.88
4020825	20,768	VIDABOX LLC	-139.69
4022126	20,768	MIDWEST TV & APPLIAN	20,952.00
4115110	20,768	CANVA* I04792-367862	300.00
4115110	20,768	URBAN LAND INSTITUTE	269.88
4802195	20,768	MENARDS LA CROSSE WI	234.12
6006010	20,768	37 FABICK GB	2,500.00
6006010	20,768	37 FABICK GB	50.00
6006010	20,768	ALLEGIANT* ALLEGIANT	285.00
6006010	20,768	AMAZON MKTPL*B18Z75Y	44.16
6006010	20,768	AMAZON RETA* BE9PY6C	23.87
6006010	20,768	AMERICAN AIR00123173	1,096.80
6006010	20,768	AMERICAN AIR00123218	689.81
6006010	20,768	AMERICAN AIR00144865	35.00

ORG	VENDOR #	VENDOR NAME	AMOUNT
6006010	20,768	AMERICAN AIR00144865	35.00
6006010	20,768	AMERICAN ASSOCIATION	950.00
6006010	20,768	CDW GOVT #AI1MP5M	549.90
6006010	20,768	DYNAMIC MEDIA	491.40
6006010	20,768	GOOGLE WORKSPACE_LSE	8.40
6006010	20,768	KWIK TRIP #964	30.53
6006010	20,768	MERIDIAN CORPORATION	155.00
6006010	20,768	QTHHOSTING* QTH HOST	43.47
6006010	20,768	QTHHOSTING* QTH HOST	33.76
6006010	20,768	SENDINBLUE	39.00
6006010	18,504	TELOS CORPORATION	359.25
6006010	20,768	UNIFIRST CORPORATION	187.00
6006010	20,768	UNIFIRST CORPORATION	307.03
6006015	20,768	AMAZON MKTPL*EA3T643	64.30
6006015	20,768	AMAZON MKTPL*PD6TM5V	29.75
6006015	20,768	FIRE PROTECTION SPEC	250.00
6006015	20,768	HARTER'S TRASH & REC	458.00
6006015	20,768	MENARDS LA CROSSE WI	14.88
6006015	20,768	MENARDS LA CROSSE WI	279.99
6006015	20,768	MENARDS LA CROSSE WI	57.98
6006015	20,768	MENARDS LA CROSSE WI	18.83
6006015	20,768	NORTHERN BATTERY 108	-20.00
6006015	20,768	O'REILLY 4764	199.99
6006015	20,768	ORKIN LLC 002	114.52
6006015	20,768	ORKIN LLC 002	114.52
6006015	20,768	SCHILLING SUPPLY COM	262.67
6006015	20,768	SCHILLING SUPPLY COM	253.84
6006015	20,768	SCHILLING SUPPLY COM	945.44
6006015	20,768	SPECTRUM	259.67
6006015	20,768	SPECTRUM	259.67
6006015	20,768	UNIFIRST CORPORATION	282.70
6006015	20,768	VIKING ELECTRIC-LACR	6.48
6006015	20,768	VIKING ELECTRIC-LACR	60.25
6006015	20,768	VIKING ELECTRIC-LACR	21.72
6006015	20,768	VIKING ELECTRIC-LACR	1.37
6006015	20,768	VIKING ELECTRIC-LACR	18.73
6006015	20,768	VIKING ELECTRIC-LACR	123.17
6006015	20,768	VIKING ELECTRIC-LACR	49.06
6006020	20,768	516 AUTO VALUE - LA	77.80
6006020	20,768	517 AUTO VALUE - ONA	16.99
6006020	20,768	517 AUTO VALUE - ONA	5.89
6006020	20,768	517 AUTO VALUE - ONA	12.98
6006020	20,768	517 AUTO VALUE - ONA	10.60
6006020	20,768	517 AUTO VALUE - ONA	147.18
6006020	20,768	517 AUTO VALUE - ONA	11.78
6006020	20,768	517 AUTO VALUE - ONA	21.12
6006020	20,768	CULLIGAN LA CROSSE 2	10.00

ORG	VENDOR #	VENDOR NAME	AMOUNT
6006020	20,768	DEBAUCHE TRUCK & DIE	82.15
6006020	20,768	GRAINGER	66.40
6006020	20,768	GRAINGER	147.18
6006020	20,768	GRAINGER	486.43
6006020	20,768	HARTER'S TRASH & REC	231.50
6006020	20,768	HARTLAND LUBRICANTS	596.25
6006020	20,768	JOHNSON TRACTOR - LA	62.40
6006020	20,768	JOHNSON TRACTOR - LA	631.32
6006020	20,768	JOHNSON TRACTOR - LA	518.38
6006020	20,768	JOHNSON TRACTOR - LA	95.37
6006020	20,768	KIMBALL MIDWEST PAYE	-116.73
6006020	20,768	MB COMPANIES	45.55
6006020	20,768	MB COMPANIES	823.26
6006020	20,768	MENARDS LA CROSSE WI	15.47
6006020	20,768	MENARDS LA CROSSE WI	31.96
6006020	20,768	MENARDS LA CROSSE WI	68.78
6006020	20,768	MICHAELS TRUCK EQUIP	520.00
6006020	20,768	MICHAELS TRUCK EQUIP	520.00
6006020	20,768	ORKIN LLC 002	164.43
6006020	20,768	ORKIN LLC 002	94.87
6006020	20,768	POMPS TIRE 018	54.27
6006020	20,768	POMPS TIRE 018	680.00
6006020	20,768	RONCO ENGR SALES-LA	213.42
6006020	20,768	THE HOME DEPOT #4905	51.94
6006020	20,768	UNIFIRST CORPORATION	293.75
6006020	20,768	UNIFIRST CORPORATION	206.15
6006020	20,768	VIKING ELECTRIC-LACR	28.36
6006020	20,768	VIKING ELECTRIC-LACR	85.73
6006025	20,768	VIKING ELECTRIC-LACR	8.94
6006030	20,768	FASTENAL COMPANY 01W	1.77
6006030	20,768	GAMING GENERATIONS	89.99
6006030	20,768	ORKIN LLC 002	44.41
6006030	20,768	ORKIN LLC 002	44.41
6006030	20,768	TOMMY CAR WASH SYSTE	3,230.46
6106110	20,768	ACI*BRIGHTSPEED	317.05
6106110	20,768	ACI*BRIGHTSPEED	206.69
6106110	20,768	ACI*BRIGHTSPEED	8.95
6106110	20,768	ACI*BRIGHTSPEED	8.95
6106110	20,768	ACI*BRIGHTSPEED	320.00
6106110	20,768	ACI*BRIGHTSPEED	206.69
6106110	20,768	ACI*BRIGHTSPEED	8.95
6106110	20,768	ACI*BRIGHTSPEED	8.95
6106110	20,768	AMAZON MARK* BP2UD4A	14.99
6106110	20,768	BATTERIES PLUS 860	84.99
6106110	20,768	BATTERIES PLUS 860	34.75
6106110	20,768	JF AHERN	-174.07
6106110	20,768	MAC PARKING RESERVAT	417.00

ORG	VENDOR #	VENDOR NAME	AMOUNT
6106110	20,768	MENARDS LA CROSSE WI	21.51
6106110	20,768	MENARDS LA CROSSE WI	49.98
6106110	20,768	MENARDS LA CROSSE WI	137.97
6106110	20,768	MENARDS LA CROSSE WI	89.54
6106110	20,768	MENARDS LA CROSSE WI	40.23
6106110	20,768	MENARDS LA CROSSE WI	418.75
6106110	20,768	MENARDS LA CROSSE WI	67.84
6106110	20,768	NIC*TRAFFICVIOLREGPR	0.18
6106110	20,768	NIC*TRAFFICVIOLREGPR	0.66
6106110	20,768	NIC*TRAFFICVIOLREGPR	0.78
6106110	20,768	NIC*TRAFFICVIOLREGPR	0.24
6106110	20,768	NIC*TRAFFICVIOLREGPR	0.54
6106110	20,768	NIC*TRAFFICVIOLREGPR	0.72
6106110	20,768	NIC*TRAFFICVIOLREGPR	0.06
6106110	20,768	NIC*TRAFFICVIOLREGPR	9.00
6106110	20,768	NIC*TRAFFICVIOLREGPR	33.00
6106110	20,768	NIC*TRAFFICVIOLREGPR	39.00
6106110	20,768	NIC*TRAFFICVIOLREGPR	12.00
6106110	20,768	NIC*TRAFFICVIOLREGPR	27.00
6106110	20,768	NIC*TRAFFICVIOLREGPR	36.00
6106110	20,768	NIC*TRAFFICVIOLREGPR	3.00
6106110	20,768	NIC*TRAFFICVIOLREGPR	0.48
6106110	20,768	NIC*TRAFFICVIOLREGPR	0.12
6106110	20,768	NIC*TRAFFICVIOLREGPR	1.68
6106110	20,768	NIC*TRAFFICVIOLREGPR	0.06
6106110	20,768	NIC*TRAFFICVIOLREGPR	2.04
6106110	20,768	NIC*TRAFFICVIOLREGPR	0.30
6106110	20,768	NIC*TRAFFICVIOLREGPR	24.00
6106110	20,768	NIC*TRAFFICVIOLREGPR	6.00
6106110	20,768	NIC*TRAFFICVIOLREGPR	84.00
6106110	20,768	NIC*TRAFFICVIOLREGPR	3.00
6106110	20,768	NIC*TRAFFICVIOLREGPR	102.00
6106110	20,768	NIC*TRAFFICVIOLREGPR	15.00
6106110	20,768	PANASONIC CONNECT NO	1,358.90
6106110	20,768	SQ *DON'S TOWING AND	400.00
6106110	20,768	WWW.UNIVERSALBOOT.CO	858.94
6106110	20,768	XCEL EZ-PAY FEE WEB	0.68
6106110	20,768	XCEL EZ-PAY WEB	31.03
6306310	20,768	516 AUTO VALUE - LA	37.99
6306310	20,768	516 AUTO VALUE - LA	11.48
6306310	20,768	ACE OF LA CROSSE	33.06
6306310	20,768	AMAZON MARK* B973K5T	27.71
6306310	20,768	AMAZON MARK* HF6JC13	59.85
6306310	20,768	AMAZON MARK* HP5B66Z	24.90
6306310	20,768	AMAZON MARK* NC8DJ8Z	7.90
6306310	20,768	AMAZON MARK* X660S3W	40.27
6306310	20,768	AMAZON MARK* X660S3W	22.89

ORG	VENDOR #	VENDOR NAME	AMOUNT
6306310	20,768	AMAZON MARK* Z91Z041	14.83
6306310	20,768	AMAZON MKTPL*1462L2W	178.95
6306310	20,768	AMAZON MKTPL*B94Z91C	217.35
6306310	20,768	AMAZON MKTPL*BE6YD9C	963.76
6306310	20,768	AMAZON MKTPL*H976M9R	210.78
6306310	20,768	AMAZON MKTPL*XS2QC3L	205.92
6306310	20,768	AMAZON RETA* P103885	19.78
6306310	20,768	AMERICAN LOCK & KEY	109.00
6306310	20,768	APPLIED MSS LLC 6511	450.83
6306310	20,768	CERTUS FUSION TRAINI	209.00
6306310	20,768	CITY OF LA CROSSE AI	32.00
6306310	20,768	CITY OF LA CROSSE AI	-24.00
6306310	20,768	CSE*CONS ENERGY	24.85
6306310	20,768	CSE*CONS ENERGY	860.06
6306310	20,768	DNR WS2 EM1 EPAY DEM	45.00
6306310	20,768	DNR WS2 EM1 EPAY DEM	0.90
6306310	20,768	DNR WS2 EM1 EPAY DEM	45.00
6306310	20,768	DNR WS2 EM1 EPAY DEM	0.90
6306310	20,768	DOJ EPAY RECORDS CHE	7.00
6306310	20,768	GME*GME SUPPLY	142.15
6306310	20,768	GME*GME SUPPLY	650.15
6306310	20,768	GME*GME SUPPLY	271.40
6306310	20,768	GRAINGER	-220.48
6306310	20,768	GRAINGER	35.50
6306310	20,768	GRAINGER	303.28
6306310	20,768	GRAINGER	123.68
6306310	20,768	GRAINGER	149.20
6306310	20,768	GRAINGER	297.93
6306310	20,768	HARBOR FREIGHT TOOLS	21.99
6306310	20,768	HILLTOPPER REFUSE	163.79
6306310	20,768	INDCO INC	4,078.15
6306310	20,768	MED*EMPLIFY HEALTH	156.00
6306310	20,768	MED*EMPLIFY HEALTH	294.00
6306310	20,768	MENARDS LA CROSSE WI	33.98
6306310	20,768	MENARDS LA CROSSE WI	47.98
6306310	20,768	MENARDS LA CROSSE WI	32.98
6306310	20,768	MENARDS LA CROSSE WI	39.97
6306310	20,768	MENARDS LA CROSSE WI	79.86
6306310	20,768	MENARDS LA CROSSE WI	87.92
6306310	20,768	MENARDS LA CROSSE WI	5.29
6306310	20,768	MENARDS LA CROSSE WI	29.95
6306310	20,768	MENARDS LA CROSSE WI	3.22
6306310	20,768	MENARDS LA CROSSE WI	8.85
6306310	20,768	MENARDS LA CROSSE WI	182.74
6306310	20,768	MENARDS LA CROSSE WI	86.97
6306310	20,768	MENARDS LA CROSSE WI	56.08
6306310	20,768	MENARDS LA CROSSE WI	155.83

ORG	VENDOR #	VENDOR NAME	AMOUNT
6306310	20,768	NUTBUSH CITY LIMITS	227.32
6306310	20,768	NUTBUSH CITY LIMITS	5.68
6306310	20,768	PIZZA KING	196.16
6306310	20,768	SQ *RK CULINARY GROU	5.50
6306310	20,768	SQ *RK CULINARY GROU	6.50
6306310	20,768	SQ *RK CULINARY GROU	6.50
6306310	20,768	THE HOME DEPOT 4905	718.79
6306310	20,768	TORCOM/ANSWERING INN	145.11
6306310	20,768	TST* RITA'S ON THE R	24.33
6306310	20,768	TST* RITA'S ON THE R	28.54
6306310	20,768	TST* RITA'S ON THE R	0.54
6306310	20,768	TST* RITA'S ON THE R	0.66
6306310	20,768	TST*BUFFALO BLUE	51.66
6306310	20,768	TST*BUFFALO BLUE	1.17
6306310	20,768	UNIFIRST CORPORATION	56.09
6306310	20,768	UNIFIRST FIRST AID C	190.09
6306310	20,768	UPS*BILLING CENTER	19.34
6306310	20,768	UPS*BILLING CENTER	8.80
6306310	20,768	UPS*BILLING CENTER	0.39
6306310	20,768	UPS*BILLING CENTER	291.63
6306310	20,768	UPS*BILLING CENTER	6.42
6306310	20,768	UPS*BILLING CENTER	29.45
6306310	20,768	UPS*BILLING CENTER	189.82
6306310	20,768	UPS*BILLING CENTER	3.63
6306310	20,768	USABLUEBOOK	2,414.28
6306310	20,768	WWOA	90.00
6306310	20,768	WWOA	3.15
6306310	20,768	ZORO TOOLS INC	-68.20
6306330	20,768	HARTER'S TRASH & REC	150.00
6306330	20,768	HILLTOPPER REFUSE	401.58
6306332	2,542	NORTH CENTRAL LABS	411.09
6306332	2,542	NORTH CENTRAL LABS	1,198.04
6306336	20,768	516 AUTO VALUE - LA	166.34
6306336	20,768	516 AUTO VALUE - LA	7.42
6306336	20,768	ASAPPARTS	152.64
6306336	20,768	CSE*CONS ENERGY	125.26
6306336	20,768	CSE*CONS ENERGY	239.83
6306336	20,768	O'REILLY 4764	31.98
6306340	20,768	AMAZON MKTPL*8C6Q52H	261.72
6306340	20,768	FRSHWV OMI	9,000.00
6306340	20,768	GRAINGER	152.46
6306340	20,768	GRAINGER	95.93
6306340	20,768	GRAINGER	37.32
6306340	20,768	GRAINGER	1,463.35
6306340	20,768	GRAINGER	59.52
6306340	20,768	INDUSTRIAL HEAT TRAN	350.00
6306340	20,768	MENARDS LA CROSSE WI	640.02

ORG	VENDOR #	VENDOR NAME	AMOUNT
6306340	20,768	RONCO ENGR SALES-LA	251.25
6306340	20,768	WWP*WIL-KIL PEST CON	93.45
6406410	20,768	AIRGAS LLC - NORTH N	154.76
6406410	20,768	AMAZON MKTPL*8P0781O	24.35
6406410	20,768	AMAZON MKTPL*B92PS04	27.65
6406410	20,768	AMAZON MKTPL*B993940	74.99
6406410	20,768	AMAZON MKTPL*FC3LT6C	304.98
6406410	20,768	AMAZON MKTPL*UG10T4Z	26.97
6406410	20,768	AMAZON MKTPLACE PMTS	-8.99
6406410	20,768	AMAZON.COM*B92O03L01	115.25
6406410	20,768	AMAZON.COM*B99VC7UT2	3.79
6406410	20,768	CDW GOVT #WATER - KE	130.29
6406410	20,768	CDW GOVT #WATER - MI	38.32
6406410	20,768	LA CROSSE PAVING POR	1,959.85
6406410	20,768	LA CROSSE PAVING POR	2,815.80
6406410	20,768	LODGE KOHLER HOTEL &	177.19
6406410	20,768	LODGE KOHLER HOTEL &	254.23
6406410	20,768	LODGE KOHLER HOTEL &	254.23
6406410	20,768	MED*EMPLIFY HEALTH	42.00
6406410	20,768	MENARDS LA CROSSE WI	32.98
6406410	20,768	MENARDS LA CROSSE WI	50.97
6406410	20,768	MENARDS LA CROSSE WI	143.89
6406410	20,768	MENARDS LA CROSSE WI	17.96
6406410	20,768	MENARDS LA CROSSE WI	51.41
6406410	20,768	MENARDS LA CROSSE WI	99.00
6406410	20,768	MENARDS LA CROSSE WI	6.58
6406410	20,768	MENARDS LA CROSSE WI	5.30
6406410	20,768	MENARDS LA CROSSE WI	9.98
6406410	20,768	MENARDS LA CROSSE WI	43.84
6406410	20,768	MENARDS LA CROSSE WI	50.97
6406410	20,768	OFFICE DEPOT #405	58.50
6406410	20,768	RONCO ENGR SALES-LA	71.83
6406410	20,768	SCHILLING SUPPLY COM	36.51
6406410	20,768	SCHILLING SUPPLY COM	444.48
6406410	20,768	STAPLES	5.83
6406410	20,768	STAPLES	204.64
6406410	20,768	UNIFIRST FIRST AID C	51.78
6406410	20,768	WAL-MART #1679	141.28
6406432	20,768	AMAZON MKTPL*BE4QW71	272.95
6406432	20,768	AMAZON MKTPL*BE8DA4V	35.99
6406432	20,768	MENARDS LA CROSSE WI	9.68
6406432	20,768	MENARDS LA CROSSE WI	7.98
6406432	20,768	MENARDS LA CROSSE WI	2.54
6406432	20,768	MISSISSIPPI WELDERS	7.91
6406432	20,768	NORTHERN BATTERY 108	337.70
6406432	20,768	NORTHERN BATTERY 108	700.00
6406432	20,768	ZORO TOOLS INC	407.04

ORG	VENDOR #	VENDOR NAME	AMOUNT
6406432	20,768	ZORO TOOLS INC	15.39
6406434	17,785	HACH COMPANY	70.28
6406434	20,768	MENARDS LA CROSSE WI	14.75
6406434	20,768	MENARDS LA CROSSE WI	118.96
6406434	20,768	USABLUEBOOK	511.00
6406434	20,768	USABLUEBOOK	265.84
6406434	20,768	USABLUEBOOK	294.05
6406434	20,768	ZORO TOOLS INC	477.99
6406436	20,768	MCMASTER-CARR	107.80
6406436	20,768	MENARDS LA CROSSE WI	87.92
6406436	20,768	MENARDS LA CROSSE WI	305.58
6406436	20,768	MENARDS LA CROSSE WI	57.98
6406436	20,768	MENARDS LA CROSSE WI	48.24
6406436	20,768	PLOTTERPAPERGUYS.COM	267.00
6406438	20,768	AMAZON MKTPL*B92ZQ33	46.52
6406438	20,768	CDW GOVT #WATER - MI	43.61
6406438	20,768	MENARDS LA CROSSE WI	7.98
6506510	20,768	516 AUTO VALUE - LA	302.72
6506510	20,768	MENARDS LA CROSSE WI	7.52
6506510	20,768	THE UPS STORE 3838	16.97
6506534	20,768	HALRON LUBRICANTS IN	1,577.80
8309910	20,768	MED*EMPLIFY HEALTH	80.00
		TOTAL	$432,665.63

Monthly Estimates for April 2026

	CONTRACTOR	CONTRACT NAME	JOB #	*March 2026* ESTIMATE AMOUNT	CONTRACT AMOUNT	CONTINGENCY AMT
1	Fowler & Hammer, Inc. (FINAL)	Cass Street Streetscape Improvements	LITG-24-32	26,021.58	209,531.00	19,916.36
2	Fowler & Hammer, Inc. (FINAL)	2025 Water Utility Sidewalk Replacement	PAVE-25-06	57,416.90	106,427.30	10,642.73
3	McCabe Construction, Inc. (PARTIAL FINAL)	7th Street - Ferry Street to Market Street	CURB-25-14	13,455.14	198,780.90	29,266.53
4	A-1 Excavating, LLC (PARTIAL FINAL)	St. Andrew Street Reconstruction - Prospect Street to Dead End East	CURB-25-29	53,845.00	699,261.00	93,301.35
5	A-1 Excavating LLC	Green Bay St - 14th St to East Ave S	CURB-25-28	47,798.00	847,682.00	127,152.31
6	Short Elliott Hendrickson, Inc.	Grandad Reservoir	AGRE-24-46	9,348.57	434,540.00	-
7	Mead & Hunt, Inc.	HWY 16 Reconstruct - WISDOT	AGRE-25-45	2,270.51	49,450.00	-
8	Mead & Hunt, Inc.	Losey Boulevard (HISP)	AGRE-24-30	11,461.41	369,997.99	-
9	Mead & Hunt, Inc.	STH 35 (West Ave) Reconstruct Barlow St to Johnson St	AGRE-26-04	1,659.00	67,500.00	-
10	WSP USA	Reconstruction of Monitor Street - Rose Street to Lang Drive (STP Urban)	AGRE-23-11	706.29	196,369.39	-
11	WSP USA	Green Bay - Losey Blvd to Dead End	AGRE-25-01	4,253.52	95,800.00	-
12	WSP USA	Green Bay St - 9th Street to 14th Street (STP Urban)	AGRE-25-32	2,429.99	302,000.00	-
13	Gerke Excavating	Grand Crossing Trail	PRKS-26-02	79,618.40	647,389.08	97,107.90
14	Gardner Builders Minneapolis, LLC	City of La Crosse - 5th Floor Server Room Upgrade	BLDG-25-21	201,902.42	244,102.00	36,615.30
15	Donohue & Associates, Inc.	WWTP UV System Upgrade	AGRE-25-38	4,391.10	219,555.00	-
16	IMEG Consultants Corporation	La Crosse Public Library HVAC Upgrades	AGRE-25-10	3,876.00	114,180.00	-
17	Winona Controls, Inc.	La Crosse Library HVAC Upgrade	BLDG-25-46	30,315.45	638,000.00	95,700.00
18	Jewel Associates Engineers, Inc.	8th Street Storm Outfall Design	AGRE-26-06	7,050.00	75,000.00	-
19	Short Elliott Hendrickson, Inc.	Brine Tank Design	AGRE-23-45	981.19	353,862.00	-
20	Larson Construction Company, Inc.	Structure Rehabilitation Project STH 35	AGRE-25-51	5,715.93	69,961.00	-
21	Market & Johnson, Inc.	La Crosse Public Library Interior Renovation	BLDG-25-19	100,334.09	1,693,500.00	254,025.00
22	VIP Outdoor Services, LLC	2025-2026 Sidewalk Snow Removal Citywide	MISC-25-54	9,791.15	-	-
23	R.A. Smith, Inc.	Avon Street Greenway-TAP	AGRE-25-55	14,253.49	192,379.00	-
24	Jewel Associates Engineers, Inc.	2025 Bridge Rehabilitation Project	AGRE-25-34	10,252.50	109,000.00	-
25	Market & Johnson, Inc.	City of La Crosse - Fire Station #3 Renovation	BLDG-25-52	201,166.43	719,359.00	107,903.85
26	Aqualis - New Restoration and Recovery Service	Roesler Park Slope Stabilization	AGRE-26-12	1,669.75	99,754.00	-
				901,983.81	8,753,380.66	871,631.33

City of La Crosse, Wisconsin

City Hall
400 La Crosse Street
La Crosse, WI 54601

Text File

File Number: 26-0253

Agenda Date: 4/9/2026 **Version:** 1 **Status:** Agenda Ready

In Control: Common Council **File Type:** Appointment

Agenda Number:

OFFICE OF THE MAYOR
LA CROSSE

March 12, 2026 FILE ID #26-0253

Dear Members of the Common Council:

This will serve to notify you that I am making the following appointment. Please be advised that the City Attorney, Mayor and City Clerk review all of the terms of each appointed office. This appointment is based on the best available information at this time and are subject to continued review. Any updates or corrections may be made at a future time based on their findings.

Board of Zoning Appeals
Appoint Rachel MacFarland to replace Douglas Farmer, whose term expired December 31, 2025, for the residue of a three (3) year term ending December 31, 2028.

Economic and Community Development Committee
Reappoint Gina Miller for the residue of a two (2) year term ending February 8, 2028.

Confirmation of the above appointments is needed and will be appreciated.

Sincerely,

Mayor Shaundel
SWS:as

CC: Sondra Craig, Deputy Clerk
Brenda Buddenhagen, Paralegal

City of La Crosse, Wisconsin

City Hall
400 La Crosse Street
La Crosse, WI 54601

Text File

File Number: 26-0375

Agenda Date: 4/9/2026 **Version:** 1 **Status:** Agenda Ready

In Control: Common Council **File Type:** Appointment

OFFICE OF THE MAYOR
LA CROSSE

April 9, 2026 FILE ID #26-0375

Dear Members of the Common Council:

This will serve to notify you that I am making the following appointments. Please be advised that the City Attorney, Mayor and City Clerk review all of the terms of each appointed office. This appointment is based on the best available information at this time and are subject to continued review. Any updates or corrections may be made at a future time based on their findings.

Aviation Board
Reappoint Jeannie Groskreutz for the residue of a three (3) year term ending November 13, 2028.

Appoint Scott Arenz to fill the vacant position formerly held by William Blank, for the residue of a three (3) year term ending June 30, 2027.

Bicycle and Pedestrian Advisory Committee
Reappoint Randi Pueschner for the residue of a two (2) year term ending February 12, 2028.

Building & Housing Appeals Board
Appoint Vince Ristow to fill the vacant Alternate 2 position for a three (3) year term ending April 9, 2029.

Citizens Board of Review
Reappoint Fred Giese for the residue of a five (5) year term ending November 30, 2026.

Appoint Heather Talbot to fill the vacant position formerly held by Dan Ryan, for the residue of a five (5) year term ending November 30, 2029.

City Plan Commission

Appoint Katrina Bjornstad to succeed James Cherf for a three (3) year term ending April 11, 2029.

Library Board

Appoint Marlene De La Cruz-Guzman to succeed Erin Raymus for the residue of a three (3) year term ending March 31, 2029.

Reappoint Suzanne Anglehart for the residue of a three (3) year term ending March 31, 2029.

Confirmation of the above appointments is needed and will be appreciated.

Sincerely,

Mayor Shaundel
SWS:as

CC: Sondra Craig, Deputy Clerk
Brenda Buddenhagen, Paralegal

City of La Crosse, Wisconsin

City Hall
400 La Crosse Street
La Crosse, WI 54601

Text File

File Number: 26-0315

Agenda Date: 4/9/2026 **Version:** 1 **Status:** Agenda Ready

In Control: Common Council **File Type:** Report of Bids

Report of Bids and Resolution awarding contract to Gerke Excavating Inc. in the amount of $207,061.40 for the St. Cloud St - Avon Street to Liberty Street project.

RESOLUTION

BE IT RESOLVED BY THE Common Council of the City of La Crosse that the bid in the amount of $207,061.40 of Gerke Excavating Inc. on the 2nd day of April, 2026 for the performance of the following public work, to-wit:

St. Cloud St - Avon Street to Liberty Street project

being the lowest responsible bid based upon the project specifications as finally accepted by the Common Council, be and the same is hereby accepted.

BE IT RESOLVED that a contract in the amount of $207,061.40, the cost thereof, is and the same is hereby appropriated and ordered paid out of the following:

CIP 1000	Sanitary Sewer Utility Funds	$107,958.95
CIP 1000	Water Utility Funds	$99,102.45

BE IT FURTHER RESOLVED that the sum of $31,059.21, the cost thereof, is and the same is hereby appropriated and ordered paid out of the following:

CIP 1000	Sanitary Sewer Utility Funds	$16,193.84
CIP 1000	Water Utility Funds	$14,865.37

as and for a Contingency Fund for such public work with the Board of Public Works authorized to make the necessary changes in said contract that the circumstances may warrant and to pay for such changes from such Contingency Fund, all in accordance with the terms in the City of La Crosse Contract Volume.

BE IT FURTHER RESOLVED that the Board of Public Works is authorized to direct purchase any material and/or equipment it deems to be in the best interest of the City.

BE IT FURTHER RESOLVED that the contract is made, executed and delivered in the name of the City of La Crosse, Wisconsin.

City of La Crosse Engineering
400 La Crosse Street
La Crosse, WI 54601
Phone (608) 789-7505
Fax (608) 789-8184

04/02/2026

PROJECT: St. Cloud Street – Avon Street to Liberty

To the Honorable Mayor and Common Council of the City of La Crosse, Wisconsin

Dear Mayor and Council Members:

The following bids were received for the St. Cloud Street – Avon Street to Liberty project:

Gerke Excavating Inc. Tomah, WI	$207,061.40
McCabe Construction Eau Claire, Wi	$208,633.90
A-1 Excavating LLC Bloomer, WI	$228,645.00
BKC Construction LLC La Crosse, WI	$274,012.76
Fowler & Hammer, Inc. La Crosse, WI	$288,758.90

The Director of Engineering & Public Works recommends awarding the bid for the St. Cloud Street – Avon Street to Liberty project to **Gerke Excavating Inc.** in the amount of **$207,061.40,**

Sincerely,

Matthew Gallager
Director of Engineering & Public Works

MG:mh

City of La Crosse, Wisconsin

City Hall
400 La Crosse Street
La Crosse, WI 54601

Text File

File Number: 26-0317

Agenda Date: 4/9/2026 **Version:** 1 **Status:** Agenda Ready

In Control: Common Council **File Type:** Report of Bids

Report of Bids and Resolution awarding contract to Fowler & Hammer, Inc. in the amount of $99,620.50 for the 2026 Annual Sidewalk Infill project.

RESOLUTION

BE IT RESOLVED BY THE Common Council of the City of La Crosse that the bid in the amount of $99,620.50 of Fowler & Hammer, Inc. on the 2nd day of April, 2026 for the performance of the following public work, to-wit:

2026 Annual Sidewalk Infill project

being the lowest responsible bid based upon the project specifications as finally accepted by the Common Council, be and the same is hereby accepted.

BE IT RESOLVED that a contract in the amount of $99,620.50, the cost thereof, is and the same is hereby appropriated and ordered paid out of the following:

CIP 762	New Debt Issue	$99,620.50

BE IT FURTHER RESOLVED that the sum of $10,379.50, the cost thereof, is and the same is hereby appropriated and ordered paid out of the following:

CIP 762	New Debt Issue	$10,379.50

as and for a Contingency Fund for such public work with the Board of Public Works authorized to make the necessary changes in said contract that the circumstances may warrant and to pay for such changes from such Contingency Fund, all in accordance with the terms in the City of La Crosse Contract Volume.

BE IT FURTHER RESOLVED that the Board of Public Works is authorized to direct purchase any material and/or equipment it deems to be in the best interest of the City.

BE IT FURTHER RESOLVED that the contract is made, executed and delivered in the name of the City of La Crosse, Wisconsin.

City of La Crosse Engineering
400 La Crosse Street
La Crosse, WI 54601
Phone (608) 789-7505
Fax (608) 789-8184

04/02/2026

PROJECT: 2026 Miscellaneous Sidewalk Infill

To the Honorable Mayor and Common Council of the City of La Crosse, Wisconsin

Dear Mayor and Council Members:

The following bids were received for the **2026 Miscellaneous Sidewalk Infill** project:

Fowler & Hammer, Inc. La Crosse, WI	$99,620.50
Pember Companies, Inc. Menomonie, WI	$115,180.00

The Director of Engineering & Public Works recommends awarding the bid for the **2026 Miscellaneous Sidewalk Infill** project to **Fowler & Hammer, Inc.** in the amount of **$ 99,620.50,**

Sincerely,

Matthew Gallager
Director of Engineering & Public Works

MG:mh

City of La Crosse, Wisconsin

City Hall
400 La Crosse Street
La Crosse, WI 54601

Text File

File Number: 26-0318

Agenda Date: 4/9/2026 **Version:** 1 **Status:** Agenda Ready

In Control: Common Council **File Type:** Report of Bids

Report of Bids and Resolution awarding contract to A-1Excavating LLC in the amount of $604,415.00 for the Vine Street - 15th Street to 16th Street & 16th Street - Vine Street to State Street project.

RESOLUTION

BE IT RESOLVED BY THE Common Council of the City of La Crosse that the bid in the amount of $604,415.00 of A-1 Excavating LLC on the 2nd day of April, 2026 for the performance of the following public work, to-wit:

Vine Street - 15th Street to 16th Street & 16th Street - Vine Street to State Street project

being the lowest responsible bid based upon the project specifications as finally accepted by the Common Council, be and the same is hereby accepted.

BE IT RESOLVED that a contract in the amount of $604,415.00, the cost thereof, is and the same is hereby appropriated and ordered paid out of the following:

CIP 159	New Debt Issue	$383,675.00
CIP 159	Sanitary Sewer Utility Funds	$68,640.00
CIP 159	Water Utility Funds	$152,100.00

BE IT FURTHER RESOLVED that the sum of $90,662.25, the cost thereof, is and the same is hereby appropriated and ordered paid out of the following:

CIP 159	New Debt Issue	$57,551.25
CIP 159	Sanitary Sewer Utility Funds	$10,296.00
CIP 159	Water Utility Funds	$22,815.00

as and for a Contingency Fund for such public work with the Board of Public Works authorized to make the necessary changes in said contract that the circumstances may warrant and to pay for such changes from such Contingency Fund, all in accordance with the terms in the City of La Crosse Contract Volume.

BE IT FURTHER RESOLVED that the Board of Public Works is authorized to direct purchase any material and/or equipment it deems to be in the best interest of the City.

BE IT FURTHER RESOLVED that the contract is made, executed and delivered in the name of the City of La Crosse, Wisconsin.

City of La Crosse Engineering
400 La Crosse Street
La Crosse, WI 54601
Phone (608) 789-7505
Fax (608) 789-8184

04/02/2026

PROJECT: Vine Street – 15th Street to 16th Street & 16th Street – Vine Street to State Street

To the Honorable Mayor and Common Council of the City of La Crosse, Wisconsin

Dear Mayor and Council Members:

The following bids were received for the Vine Street – 15th Street to 16th Street & 16th Street – Vine Street to State Street project:

A-1 Excavating LLC Bloomer, WI	$604,415.00
Gerke Excavating Inc. Tomah, WI	$634,459.75
Fowler & Hammer, Inc. La Crosse, WI	$1,189,409.09

The Director of Engineering & Public Works recommends awarding the bid for the Vine Street – 15th Street to 16th Street & 16th Street – Vine Street to State Street project to **A-1 Excavating LLC** in the amount of **$604,415.00,**

Sincerely,

Matthew Gallager
Director of Engineering & Public Works

MG:mh

City of La Crosse, Wisconsin

City Hall
400 La Crosse Street
La Crosse, WI 54601

Text File

File Number: 26-0327

Agenda Date: 4/9/2026 **Version:** 1 **Status:** Agenda Ready

In Control: Common Council **File Type:** Report of Bids

City of La Crosse Engineering
400 La Crosse Street
La Crosse, WI 54601-3396
Phone (608) 789-7505
Fax (608) 789-8184

04/02/2026

PROJECT: 10th & King Sanitary Laterals

To the Honorable Mayor and Common Council of the City of La Crosse, Wisconsin

Dear Mayor and Council Members:

The following bid was received for the **10th & King Sanitary Laterals** project:

Gerke Excavating Inc.	$79,959.00

The City Engineer recommends rejecting the bid for the **10th & King Sanitary Laterals** project as being over budget.

Sincerely,

Matthew Gallager
Director of Engineering & Public Works

MG:mc

City of La Crosse, Wisconsin

City Hall
400 La Crosse Street
La Crosse, WI 54601

Text File

File Number: 26-0238

Agenda Date: 4/9/2026

Version: 1

Status: Recommended to be Adopted

In Control: Common Council

File Type: Resolution

Agenda Number:

Resolution allocating unused Sanitary Sewer Utility funds and encumbering funds to project WWTP-21-048 (Wastewater Treatment Upgrade) for change order completion and project closeout.

RESOLUTION

WHEREAS, the City of La Crosse previously approved the use of Clean Water Funding, including partial loan forgiveness, for an approximate $65M upgrade project at the Wastewater Treatment Plant (WWTP); and

WHEREAS, the project facilitated the construction upgrade to the WWTP, to meet low level phosphorus limits, expand capacity, produce class A Biosolids, and create its own electricity; and

WHEREAS, a Capital Improvement Plan construction project was previously created and a contract awarded as WWTP-21-048, via Res. 21-0581, and said project is substantially complete; and

WHEREAS, the five-year project has been complex, with changes managed to address necessary additions or removals of work from the project, due to site conditions, new industrial processes, and emerging technologies, and nearing completion there are additional funds are required to cover the final change order; and

WHEREAS, Section 2-360(c) of the Code of Ordinances states *Unanticipated projects/equipment.* Any Capital Project and Capital Equipment item not previously listed in the adopted Capital Budget requiring immediate funding from the Capital Budget will require a two-thirds vote of the Common Council members present at the meeting.

NOW, THEREFORE, BE IT RESOLVED by the Common Council of the City of La Crosse that it hereby authorizes use of available funding *from*:

Unused Sanitary Sewer Utility funds (Cash)	$120,000

And allocating said funds *to*:

WWTP-21-048	$120,000

BE IT FURTHER RESOLVED that final reimbursement from the Department of Natural Resources through the State of Wisconsin Clean Water Fund shall refund the Sanitary Sewer Utility fund used for this encumbrance.

BE IT FURTHER RESOLVED that City staff are hereby authorized to effectuate this resolution.

CITY OF LA CROSSE

400 La Crosse Street
La Crosse, Wisconsin 54601
(608) 789-CITY
www.cityoflacrosse.org

LEGISLATION STAFF REPORT FOR COUNCIL

File ID 26-0238

Caption Resolution allocating unused Sanitary Sewer funds for the final payment on the Waste Water Treatment Plant upgrades.

Staff/Department Responsible for Legislation

Sanitary Sewer Utility, Jared Greeno, Superintendent of Wastewater and Matthew A Gallager, Director of Engineering & Public Works

Requestor of Legislation

Jared Greeno, Superintendent of Wastewater and Sewer

Location, if applicable

WWTP (Wastewater Treatment Plant)

Summary/Purpose

Funds to cover change order 12/final change oder for upgrade at the WWTP, project (WWTP-21-048), via Res. 21-0581

Background

The major upgrade at Wastewater Treatment Plant was bid in February of 2021, construction started in May of 2021 to include.

* Capacity - Biosolids Processes, Increased Digester Capacity
* Regulatory Compliance - Effluent Phosphorus limits, Potential Biosolids
* Resource Recovery - Co Gen Energy/Electricity production
* Aging Infrastructure - WWTP built in 1936 updating process.
* Capacity - Future growth expatiation

Upgrade will be completed by May of 2026, and final payment made with processes online, while meeting no DNR limits, drying Biosolids, and producing electricity by burning methane gas.

Fiscal Impact

$120,000 (to be reimbursed by Clean Water Fund)

Staff Recommendation

To Approve

City of La Crosse, Wisconsin

City Hall
400 La Crosse Street
La Crosse, WI 54601

Text File

File Number: 26-0276

Agenda Date: 4/9/2026

Version: 1

Status: Recommended to be Adopted

In Control: Common Council

File Type: Resolution

Agenda Number:

26-0276

Resolution appropriating Tax Incremental District (TID) 11 funds Civic Center Park

RESOLUTION

WHEREAS, Civic Center Park serves as a link between downtown La Crosse and Riverside Park; and

WHEREAS, the park has been identified as needing upgrades; and

WHEREAS, the Civic Center Park project is currently listed in the Adopted 2026-2030 Capital Improvement Budget as request #778; and

WHEREAS, the Parks Department would like to move the project from the year 2029 to the year 2026 and change the funding mechanism from New Debt Issue to TID #11.

NOW, THEREFORE, BE IT RESOLVED by the Common Council of the City of La Crosse that the sum of $450,000 be allocated from TID 11 funds to the Civic Center Park Project and moved from 2029 to 2026 to be spent prior to the TID dissolution.

BE IT FURTHER RESOLVED that City of La Crosse staff are hereby authorized and directed to effectuate this resolution.

CITY OF LA CROSSE

400 La Crosse Street
La Crosse, Wisconsin 54601
(608) 789-CITY
www.cityoflacrosse.org

LEGISLATION STAFF REPORT FOR COUNCIL

File ID: 26-0276

Caption: Resolution appropriating Tax Incremental District (TID) 11 funds for Civic Center Park

Staff/Department Responsible for Legislation

Parks, Recreation, and Forestry Department

Requestor of Legislation

Jim Flottmeyer

Location, if applicable

Civic Center Park Parcel 17-20001-20. Located between 2nd and Front St. to the north of the Radisson Hotel

Summary/Purpose

The reallocation of funds from TID#11 for the upgrade of the property known as Civic Center Park. The work may include but not be limited to: restoration of the current fountain, lighting upgrades, and concrete work as needed.

Background

Civic Center Park has not received many upgrades since its original construction in the early 1980's. Being that this area serves as a major pedestrian thoroughfare between downtown La Crosse and Riverside Park, and the upcoming expenditure deadline of TID #11, now is the time to move CIP request #778 from 2029 to 2026 and upgrade this park.

Fiscal Impact

Moving the $450,000 from bonding to TID #11 financing.

Staff Recommendation

Approval

City of La Crosse, Wisconsin

City Hall
400 La Crosse Street
La Crosse, WI 54601

Text File

File Number: 26-0314

Agenda Date: 4/9/2026

Version: 1

Status: Recommended to be Adopted

In Control: Common Council

File Type: Resolution

Agenda Number:

Resolution approving the carryover of unexpended appropriations from the 2025 Operating Budget to the 2026 Operating Budget and 2025 year-end budget adjustments for department cost overruns.

RESOLUTION

WHEREAS, Mun. Code § 2-324(e) provides for any unexpended funds allocated to department budgets to revert back to the general fund, unless the Common Council authorizes carrying over the unexpended funds for an additional period not to exceed one year; and

WHEREAS, Wis. Stat. § 43.58(1) provides that library boards shall have exclusive control of the expenditure of all moneys appropriated to it; and

WHEREAS, it is the recommendation of the Finance Department to limit all carryover requests to the Library Board and Human Resources; and

WHEREAS, the library in 2025 had unexpended expense funds of $275,360.66 and revenue underruns of $6,575.88; and

WHEREAS, the Human Resources Department had unexpended expense funds of $61,306.29; and

WHEREAS, a few departments exceeded their 2025 Operating Budgets; the Mayor's Office had cost overruns of $1,503.20, the Police Department had cost overruns of $377,547,03, the Fire Department had cost overruns of $370,072.08, and the Highway/Refuse Department had cost overruns of $81,369.36.

NOW, THEREFORE, BE IT RESOLVED by the Common Council of the City of La Crosse that it hereby approves the carryover of unexpended appropriations from the 2025 Library Operating Budget to the 2026 Library Operating Budget in the amount of $268,784.78; and

BE IT FURTHER RESOLVED by the Common Council of the City of La Crosse that it hereby approves the carryover of unexpended appropriations from the 2025 Human Resources Operating Budget to the 2026 Operating Budget in the amount of $19,780 for the purpose of conducting the 2026 Compensation System Market Update; and

BE IT FURTHER RESOLVED that the Common Council of the City of La Crosse hereby approves 2025 year-end budget adjustments for department cost overruns for the City of La Crosse Mayor, Police, Fire, and Highway/Refuse Departments to be balanced from the Fund Balance.

BE IT FURTHER RESOLVED that the Director of Finance is hereby authorized to take all steps necessary to effectuate this resolution.

CITY OF LA CROSSE

YEAR-TO-DATE BUDGET REPORT

FOR 2025 13

		ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
02 FINANCE		1,653,151	55,287	1,708,438	1,617,651.55	.00	90,786.45	94.7%
	TOTAL EXPENSES	1,653,151	55,287	1,708,438	1,617,651.55	.00	90,786.45	
03 LEGAL		837,166	30,044	867,210	865,159.03	.00	2,050.97	99.8%
	TOTAL EXPENSES	837,166	30,044	867,210	865,159.03	.00	2,050.97	
04 CLERK		79,232	14,784	94,016	43,996.94	.00	50,019.06	46.8%
	TOTAL REVENUES	-522,546	0	-522,546	-506,386.55	.00	-16,159.45	
	TOTAL EXPENSES	601,778	14,784	616,562	550,383.49	.00	66,178.51	
05 COUNCIL		177,745	0	177,745	173,194.00	.00	4,551.00	97.4%
	TOTAL EXPENSES	177,745	0	177,745	173,194.00	.00	4,551.00	
06 MAYOR		332,477	7,190	339,667	341,170.20	.00	-1,503.20	100.4%
	TOTAL EXPENSES	332,477	7,190	339,667	341,170.20	.00	-1,503.20	
07 MUNICIPAL COURT		254,905	7,331	262,236	254,011.58	.00	8,224.42	96.9%
	TOTAL EXPENSES	254,905	7,331	262,236	254,011.58	.00	8,224.42	
08 INFORMATION SERVICES		2,649,743	42,247	2,691,990	2,538,835.18	.00	153,154.82	94.3%
	TOTAL EXPENSES	2,649,743	42,247	2,691,990	2,538,835.18	.00	153,154.82	
09 HUMAN RESOURCES		636,862	17,790	654,652	593,345.71	.00	61,306.29	90.6%
	TOTAL EXPENSES	636,862	17,790	654,652	593,345.71	.00	61,306.29	
20 POLICE		13,690,834	67,969	13,758,803	14,008,947.74	.00	-250,144.74	101.8%
	TOTAL REVENUES	-241,161	0	-241,161	-368,563.29	.00	127,402.29	
	TOTAL EXPENSES	13,931,995	67,969	13,999,964	14,377,511.03	.00	-377,547.03	
21 FIRE/FPBS		13,241,336	-97,234	13,144,102	13,452,383.44	.00	-308,281.27	102.3%
	TOTAL REVENUES	-1,192,915	659,061	-533,854	-595,644.69	.00	61,790.81	
	TOTAL EXPENSES	14,434,251	-756,295	13,677,956	14,048,028.13	.00	-370,072.08	
30 PLANNING AND DEVELOPMENT		1,206,239	225,346	1,431,585	1,066,814.43	.00	364,770.40	74.5%
	TOTAL REVENUES	-28,600	-659,061	-687,661	-946,145.40	.00	258,484.28	
	TOTAL EXPENSES	1,234,839	884,407	2,119,246	2,012,959.83	.00	106,286.12	
33 ENGINEERING		1,506,209	64,667	1,570,876	1,644,221.15	.00	-73,345.15	104.7%
	TOTAL REVENUES	-420,812	0	-420,812	-303,489.74	.00	-117,322.26	
	TOTAL EXPENSES	1,927,021	64,667	1,991,688	1,947,710.89	.00	43,977.11	
34 HIGHWAY/REFUSE		8,096,481	126,867	8,223,348	7,340,060.59	.00	883,287.41	89.3%
	TOTAL REVENUES	-281,000	0	-281,000	-1,245,656.77	.00	964,656.77	
	TOTAL EXPENSES	8,377,481	126,867	8,504,348	8,585,717.36	.00	-81,369.36	
40 LIBRARY		4,984,759	168,433	5,153,192	4,884,407.22	.00	268,784.78	94.8%
	TOTAL REVENUES	-216,336	0	-216,336	-209,760.12	.00	-6,575.88	
	TOTAL EXPENSES	5,201,095	168,433	5,369,528	5,094,167.34	.00	275,360.66	
42 PARKS/RECREATION/GROUNDS/BLDGS		4,505,152	77,532	4,582,684	4,421,016.40	.00	161,667.60	96.5%
	TOTAL REVENUES	-536,000	0	-536,000	-599,600.89	.00	63,600.89	
	TOTAL EXPENSES	5,041,152	77,532	5,118,684	5,020,617.29	.00	98,066.71	
99 NON-DEPARTMENTAL		-53,852,291	-446,366	-54,298,657	-52,914,322.59	.00	-1,384,334.41	97.5%
	TOTAL REVENUES	-68,929,230	-34,250	-68,963,480	-70,131,887.57	.00	1,168,407.57	
	TOTAL EXPENSES	15,076,939	-412,116	14,664,823	17,217,564.98	.00	-2,552,741.98	
	GRAND TOTAL	0	361,887	361,887	330,892.57	.00	30,994.43	91.4%

** END OF REPORT - Generated by Hawkins, Chadwick **

YEAR-TO-DATE BUDGET REPORT

REPORT OPTIONS

	Field #	Total	Page Break
Sequence 1	3	Y	N
Sequence 2	0	N	N
Sequence 3	0	N	N
Sequence 4	0	N	N

Report title:
YEAR-TO-DATE BUDGET REPORT

Includes accounts exceeding 0% of budget.
Print totals only: Y
Print Full or Short description: S
Print full GL account: N
Format type: 1
Double space: N
Suppress zero bal accts: Y
Include requisition amount: N
Print Revenues-Version headings: N
Print revenue as credit: Y
Print revenue budgets as zero: N
Include Fund Balance: N
Print journal detail: N
From Yr/Per: 2022/ 9
To Yr/Per: 2022/ 9
Include budget entries: Y
Incl encumb/liq entries: Y
Sort by JE # or PO #: J
Detail format option: 1
Include additional JE comments: N
Multiyear view: D
Amounts/totals exceed 999 million dollars: N

Year/Period: 2025/13
Print MTD Version: N

Roll projects to object: N
Carry forward code: 1

Find Criteria

Field Name	Field Value
Org	100*
Object	
Project	
Rollup code	
Account type	
Account status	

CITY OF LA CROSSE

400 La Crosse Street
La Crosse, Wisconsin 54601
(608) 789-CITY
www.cityoflacrosse.org

LEGISLATION STAFF REPORT FOR COUNCIL

File ID: 26-0314

Caption: Resolution approving the carryover of unexpended appropriations from the 2025 Operating Budget to the 2026 Operating Budget and 2025 year-end budget adjustments for department cost overruns.

Staff/Department Responsible for Legislation

Finance

Requestor of Legislation

Chadwick Hawkins, Director of Finance

Location, if applicable

Summary/Purpose

In conjunction with the approval of the Department year-end carryover requests and to incorporate the finalization of departmental year end budget adjustments as required by the City Code of Ordinances Sec. 2-324.

Background

This is a yearly adjustment to department budgets to balance at year end. In addition to, Wis. Stat. provides that library boards shall have exclusive control of the expenditure of all moneys appropriated to it and any unspent expenditures at year end are to be carried over from year to year.

Fiscal Impact

Potential additional use of Fund Balance

Staff Recommendation

Staff recommends approval

City of La Crosse, Wisconsin

City Hall
400 La Crosse Street
La Crosse, WI 54601

Text File

File Number: 25-0994

Agenda Date: 4/9/2026

Version: 1

Status: Recommended to be Adopted

In Control: Common Council

File Type: Resolution

25-0994

Resolution approving the Arts Board to be renamed as Arts and Culture Board.

RESOLUTION

WHEREAS, the Arts Board was created by the Common Council in 2008 to ensure governmental attention to the arts and culture to benefit the larger community, and

WHEREAS, the goal of the City Arts Board was and remains to advance the City and region as a cultural destination, to be recognized as supportive of the arts, to retain young artists and attract new artists to the region, and to establish a vitality that attracts and retains business and their essential employees because of the city's commitment, attention, and support of the arts, and

WHEREAS, the renaming of the board would inclusively emphasize the cultural aspects of the board.

NOW, BE IT RESOLVED by the Common Council of the City of La Crosse that the City of La Crosse Arts Board is hereby renamed the City of La Crosse Arts and Culture Board.

BE IT FURTHER RESOLVED that City of La Crosse staff are hereby authorized to effectuate and implement this resolution.

CITY OF LA CROSSE

400 La Crosse Street
La Crosse, Wisconsin 54601
(608) 789-CITY
www.cityoflacrosse.org

LEGISLATION STAFF REPORT FOR COUNCIL

File ID 25-0994 Caption Resolution approving the Arts Board to be renamed as Arts and Culture Board.

Staff/Department Responsible for Legislation

Mayor

Requestor of Legislation

Mayor Shuandel Washington-Spivey

Location, if applicable

N/A

Summary/Purpose

To rename the Arts Board to Arts and Culture Board.

Background

One goal of the Arts Board is to advance the city and region as a cultural destination. Renaming the board would inclusively emphasize the cultural aspects of the board.

Fiscal Impact

N/A

Staff Recommendation

Approve

City of La Crosse, Wisconsin

City Hall
400 La Crosse Street
La Crosse, WI 54601

Text File

File Number: 26-0136

Agenda Date: 4/9/2026

Version: 1

Status: Recommended to be Adopted

In Control: Common Council

File Type: Resolution

Resolution approving application of A & S Foster LLC dba Bottoms Up for an Expansion of Alcohol Beverage License & Street Privilege Permit for a special event at 500 Copeland Ave on June 13, 2026.

RESOLUTION

BE IT RESOLVED by the Common Council of the City of La Crosse that A & S Foster LLC dba Bottoms Up, the holder of a Combination "Class B" Beer and Liquor License, located at 500 Copeland Ave, is hereby authorized to expand its premises in, accordance with the application on file with the City Clerk, for a special event on June 13, 2026.

BE IT FURTHER RESOLVED that such permission to expand the premises shall be in compliance with any and all state and local regulations including those of La Crosse County Health Department, Fire Department, Building & Inspections Department, and Police Department.

Effective 1.1.2020
Revised 6.2024

City of La Crosse, Wisconsin

APPLICATION FOR *SPECIAL EVENT* PERMIT

☐ New Event ☒ Repeat Event ☐ Repeat Event with Changes (explain in the description)

Date Received: _____ Fee: _____

***Deadline 60 days prior to event or a late fee is applied.** Payment is due when application is submitted.

EVENT ORGANIZER – Information about the person, entity or organization holding the special event.*

Legal/Real Name: A+S Foster LLC

Address: Street: 500 Copeland Ave. City: LaCrosse State: WI Zip Code: 54603

Phone: [redacted] **Email:** [redacted] **Website:**

Nonprofit Tax-Exempt Number
501(c)3, if applicable (include photocopy)

Wisconsin Seller Permit Number
Sales Tax, if applicable (include photocopy)
If the named organization is not required to hold a Wisconsin Seller's Permit pursuant to s. 77.54 (7m), Wis. Stats., check this box ☐

EVENT COORDINATOR – Information for person to contact before, during and after event, if necessary.

Contact Name: First: Shannan Middle: G. Last: Foster

Address: Street: 817 Liberty st. City: LaCrosse State: WI Zip Code: 54603

Phone: [redacted] **Email:**

***Personal Data Sheet MUST be completed for each Officer/Member of the Organization AND Event Coordinator.**

EVENT INFORMATION

Event Name: Block Party Rockin the Viaduct

Event Location: *(Address or General Location/Route)* 500 block Copeland Ave **Is the location:** *Park/Public Property* ___ *Street/Alley/Right-of-Way* ___ *Private Property* ___

Event Date(s): *List each date of multi-day event* June 13, 2026

Event Time: Start Time: 12pm End Time: 10pm

Set Up/Take Down: Set Up Begins: 7Am Take Down Ends: 11pm

Total Anticipated Attendance:
Base off previous events if recurring

Daily Anticipated Attendance:
If a multi-day event (circle one) 0-250 (250-500) 500-1000 1000 – 5000 5000

Admission Requirements:
If applicable

Event Description *(purpose, activity, who can participate, etc. Attach additional sheet if necessary.)*

If you have multiple activities in your event that include closure or use of right-of-way i.e. two parades or a combination of parade and run/walk, etc., a separate activity summary describing each event is required and must be submitted with this application.

If you are using a City park or facility, you must make the reservation through the Parks, Recreation & Forestry Department prior to filing the Special Event Application. The Park Office phone number is 608-789-7533.

If said location is private property, and is not owned by organizer, a signed statement from property owner that applicant has permission to use said property for the special event is required.

Applicant is responsible for assuring they have all necessary reservations, permits, and licenses prior to hosting the special event. Relevant information and contacts are provided in the Policies & Procedures Manual as well as below.
Answer all questions regardless the size of the event; incomplete applications will be returned.

City Clerk – Call 608-789-7510 for the following additional licenses, permits and necessary information.		
Will there be food prepared/served at the event? If yes, EXPLAIN (i.e. food truck, food stand, catered, etc.): Food truck	☒Yes ☐No	While food vendors are exempt from City permitting, event organizers MUST ensure vendors are properly permitted with County Health or the State of Wisconsin. Not doing so may delay the permit or require a vendor to be removed. A list of vendors MUST be submitted prior to the event with applicable information. *For questions regarding food service, contact the La Crosse County Health Dept at 608-785-9771.*
Will there be vendors selling merchandise?	☐Yes ☒No	Merchandise vendors are exempt from City permitting when participating in a special event; however, a list of vendors must be submitted. DOR reporting required.
Will alcohol beverages be sold/served/consumed? If yes, EXPLAIN (how, who, where): *Fencing required. *Licensed beverage operators must be present. *Beer/wine must be purchased from a wholesaler. *Liquor Liability Insurance Required. See *FAQs and Excerpts* for additional information.	☒Yes ☐No	A Temporary Class B Retail License is required to sell, serve or consume beer or wine (no liquor). Eligibility requirements apply. If you are expanding an establishment license, an Expansion license is required: • Expansion to Private Property • Expansion to Public Property If a producer (brewery, winery, or distillery) is using a full-service outlet or secondary location, please explain and provide a copy of the Dept. of Revenue application.
Will there be a live amplified outdoor music? If yes, EXPLAIN: Band X DJ _____ Other _____	☒Yes ☐No	Noise is regulated in the City of La Crosse; see Sec. 32-134 of the Municipal Code. *Notify nearby properties so they are aware of the event.*
Will your event include any of the following: run ___ walk___ bike tour ___ bike race___ parade___ other procession _____ Is the event timed? If a recurring event, are you using the same route? *if multiple activities, please complete an Activity Summary for each. *if closing a highway, a highway closure form must be submitted. This information is provided to the Wisconsin Department of Transportation.	☐Yes ☒No ☐Yes ☒No ☐Yes ☒No	A legible route map or turn-by-turn list MUST be submitted; include assembly area, starting point and termination point. Complete Activity Summary if necessary. Visit the Engineering/Construction Projects to view upcoming projects to ensure your route is not affected.
Will your event include a carnival or amusement of any kind? i.e. bounce house, amusement rides, etc. EXPLAIN (what, how many):	☐Yes ☒No	A Carnival, Circus or Menagerie License is required. **Additional insurance required.*
Will your event include animals, petting zoo or other animal exhibition? If yes, describe (type of animals):	☐Yes ☒No	Certain domesticated animals are allowed; see. Sec. 6-8 of the Municipal Code. Events with wild or vicious animals, a Carnival, Circus or Menagerie License is required.
Will your event include horse drawn carriage rides? If yes, who is the operator?	☐Yes ☒No	Operator must be licensed for Horse Drawn vehicles.
Fire Department – Community Risk Management (CRM) – Call 608-789-7530 for the following additional permits, requirements and necessary information.		
Will there be a tent or canopy more than 400 sq feet?	☐Yes ☒No	An Application for Tent/Structure Permit is required and an inspection prior to occupancy. *Event organizer is responsible for calling Digger's Hotline and coordinating, as necessary.*
Will fireworks or pyrotechnic special effects be used during event?	☐Yes ☒No	An Application for Display of Firework/ Pyrotechnic Special Effects File directly with the Fire Department.
Will you be proving portable toilets? If so, how many? _____ portable toilets 2 accessible portable toilets	☒Yes ☐No	Based on capacity as required by Ch.29 of IBC. *Portable toilets are not provided by the City; you are responsible to contract those services.*
Will you be running temporary water/plumbing or electrical services to the event site?	☐Yes ☒No	If yes, contact CRM. An Inspection will be required.
Will you be using temporary fencing for the site area? If yes, size of exits?	☒Yes ☐No	If yes, provide fencing details in the site map. *Event organizer is responsible for calling Digger's Hotline and coordinating, as necessary.*

Do you intend to have Fire/EMS vehicle access lanes?	☒Yes ☐No	Required: emergency vehicle access lanes (min. 20').
Do you have an emergency plan?	☒Yes ☐No	For accidents, injuries, fires, severe weather, etc.
Parking Utility – Call 608-789-4908 for parking requirements and necessary information.		
Do you have a parking plan?	☒Yes ☐No	
Do you have handicap parking?	☒Yes ☐No	
Parks, Recreation & Forestry Department – Call 608-789-7533 for the requirements and necessary information.		
Will the event be held in a City park or utilize any park facility? Park Board approval was granted: ____	☐Yes ☒No	Reservation needs to be confirmed before Special Event Application can be filed. *City property may require approval by Bd of Public Works*
Police Department – Call 608-789-7238 (non-emergency) for necessary information.		
Do you have a security plan?	☒Yes ☐No	
Street Department – Call 608-789-7340 for the necessary information.		
Do you intend to use a street, alley or right-of- way?	☒Yes ☐No	Describe area in event description and site plan.
Closure of a highway - state or county?	☐Yes ☒No	Yes, complete a Request for Highway Closure.
Do you need barricades or signage for your event? If yes, include barricade placement in the site plan. If no, provide a traffic control plan*. If yes, do you want to pick up X or have delivered__ *Delivery by City required for larger events.*	☒Yes ☐No	Barricades/signage can be provided by the city. A cost estimate based on needs will be provided with your permit; actual costs invoiced after the event. *If you are using equipment from a third party, you must provide a map showing placement
Do you have an established traffic control plan? If not using City traffic control equipment, submit your proposed traffic control plan with application.	☒Yes ☐No	**Describe your plan in the event map.** The Police & Traffic Engineer will assist with developing a plan i.e. barricades/signage and if Police assistance is needed.
Do you have a waste management plan? Acknowledge that garbage & recycling will be separated? Contact Recycling Supervisor with questions 608-789-7507	☒Yes ☐ No ☒ Yes	A solid waste and recycling plan must be provided detailing receptacle quantities and layout – note location(s) of separate receptacles on event map.
Applicant understands that extraordinary service fees may be billed because of the event. Applicant will pay the actual costs for the use of equipment, resources, or services if the event requires more than the reasonable and necessary services provided by the city. If money is owed from a previous event, the permit may not be approved until paid. If any traffic control materials are missing or returned damaged, fee for replacement/repair will be invoiced. *Note: Extraordinary service fees are an addendum to the Policies & Procedures Manual.*	☒Yes ☐No	The City will invoice the event organizer after the conclusion of the event. Payment shall be made within thirty (30) days of the invoice. *Organizers must notify the city if the event is cancelled or altered for any reason. If notice isn't given until after traffic control materials have been delivered, organizers will still be billed the cost of materials and labor.*

Special Event Checklist. ***All forms are to be turned into the City Clerk's Office unless otherwise noted.***
Incomplete applications will be returned. Please call if you have questions.

____ Special Event Application *(complete and signed)*. Include additional Activity Summaries or Highway Closure, if necessary.

____ Special Event Fee *(cash, check payable to City Treasurer or credit with a convenience fee).*

____ Certificate of Liability Insurance AND Additional Insured Endorsement.

____ Photocopy of Tax-Exempt Number, if applicable. **Required to avoid sales tax if being billed for materials i.e. barricades.*

____ Photocopy of Wisconsin Seller Permit, if applicable. **Required unless exempt pursuant to s. 77.54 (7m).*

____ Statement from property owner, if applicable.

____ Map of Special Event area (site plan); include any street, alley or right-of-way closed for the special event and placement of barricades. Site plan must include, as applicable, alcohol sales location(s), location of tents, stages, vendors, carnival, portable toilets, garbage/recycling receptacles/dumpsters, fencing and exit locations, accessible paths, handicap parking, access for emergency vehicles and personnel.

____ Map of Parade/Procession (and turn-by-turn list); also include assembly area, starting point and termination point.

____ Traffic Control Plan showing where barricades and signage will be placed, if necessary.

____ Waste Management Plan including quantity of receptacles for solid waste and recycling and their locations.

____ Merchandise/Food Vendor List, with all appliable information. *Due no less than fourteen (14) days before the event.

The following additional applications (and associated fee) if applicable:

____ Application for Temporary Class B Retail Alcohol License *(liquor liability insurance required).*

____ Application to Expand Alcohol Beverage License – public or private property *(liquor liability insurance required)*

____ Application for Carnival, Circus or Menagerie *(additional liability insurance required).*

____ Application for Tent/Structure Permit.

Indemnification and Hold Harmless

(Read carefully before signing!)

Indemnification: By signing below, I acknowledge that for good and valuable consideration, I (applicant), on behalf of myself and the organization, if applicable, agree to indemnify, defend and hold harmless the City of La Crosse and its officers, officials, employees and agents from and against any and all liability, loss, damage, expenses and costs, including attorney fees, arising out of the activities performed as described herein, caused in whole or in part by any negligent act of omission of the applicant/organization, anyone directly or indirectly employed by any of them or anyone whose acts may be liable, except where caused by the sole negligence or willful misconduct of the City.

Certification: By signing below, I certify that I am at least 18 years of age, that I have read and understand the Special Event Policy and that I agree to the terms and conditions contained in the Special Event Policy. My signature further confirms: (i) I understand the filing of this application does not ensure the issuance of a Special Event License. (ii) The special event permit fee is non-refundable pursuant to the terms of the Special Event Policy. (iii) I will be responsible for ensuring the event and event participants comply with all applicable City ordinances, traffic rules, park rules, state health laws, fire codes and alcohol licensing regulations and any other applicable laws, rules and regulations including the Special Event Policy. (iv) Fees for park facilities, food vendor permits, tent and fireworks permits, other municipal services and equipment, etc., are in addition to the Special Event Permit fee. (v) I am authorized to apply for this Special Event Permit on behalf of the organization holding the event (if applicable). (vi) The information contained in this application is true and correct to the best of my knowledge. I understand that intentionally providing false or misleading information in this application will be basis for denial/revocation of the permit and may lead to civil or criminal penalties.

Signature of Applicant (required): _____ Date: 12·30·25

Printed Name of Applicant: Shannan Foster

Submit Special Event Application and fee (including any other applicable license/permit applications and fees) to:

City Clerk
400 La Crosse Street
La Crosse WI 54601
Questions: 608-789-7510 or email licenses@cityoflacrosse.org

Date Routed:	For Office Use Only			
DEPARTMENT	**APPROVE**	**DENY**	**BY**	**REASON (if denied)**
Special Event Staff				
La Crosse County Health				
Parks, Recreation & Forestry				
Police				
Fire Department - CRM				
Engineering & Public Works				
Streets				
Recycling				
Parking Utility				
Transit				
City Clerk				
Investigation – Personal Data Sheet				
Police – Records				
Delinquencies – Organization and Personal Data Sheet				
Legal				
Treasurer				
Utilities (water, storm, sewer)				
Municipal Court				
Parking Utility				

License Issue Date:	License No:

Personal Data Sheet

(Please PRINT All Information)

Each Officer/Member **AND** Event Coordinator must complete all the information and must indicate if they have been convicted of any of the following within the last ten (10) years: a felony, a misdemeanor, a statutory violation punishable by forfeiture or a county or municipal ordinance violation. If none, write "none".

This information is strictly confidential and is shared only with the La Crosse Police Department for background checks.

EVENT COORDINATOR

Name: First	Full Middle	Last	Alias
Shannan	Gail	Foster	

Home Address: Street	City	State	Zip Code
817 Liberty St.			

Phone Number:	Email:	Date of Birth: (mm/dd/yyyy)
[redacted]		

OFFICER/MEMBER

Name: First	Full Middle	Last	Alias

Home Address: Street	City	State	Zip Code

Phone Number:	Email:	Date of Birth: (mm/dd/yyyy)

Violations:

OFFICER/MEMBER

Name: First	Full Middle	Last	Alias

Home Address: Street	City	State	Zip Code

Phone Number:	Email:	Date of Birth: (mm/dd/yyyy)

Violations:

OFFICER/MEMBER

Name: First	Full Middle	Last	Alias

Home Address: Street	City	State	Zip Code

Phone Number:	Email:	Date of Birth: (mm/dd/yyyy)

Violations:

OFFICER/MEMBER

Name: First	Full Middle	Last	Alias

Home Address: Street	City	State	Zip Code

Phone Number:	Email:	Date of Birth: (mm/dd/yyyy)

Violations:

Office of City Clerk

February 27, 2026

ATTN: SHANNON FOSTER
A & S FOSTER LLC
500 COPELAND AVE
LA CROSSE WI 54603

Dear Shannon,

Our office is in receipt of the application for Expansion of Alcohol Beverage license for A& S Foster for a special event on Saturday, June 13, 2026, at 500 Copeland Ave. The Special Event application is routed internally for department feedback as well as delinquency and background checks, but the alcohol expansion requires Council approval.

The alcohol expansion request will be considered at the following meetings:

Judiciary & Administration Committee	**Tuesday, March 31, 2026, 6:00 p.m.** **Council Chambers, City Hall – 400 La Crosse St.**
Common Council	**Thursday, April 9, 2026, 6:00 p.m.** **Council Chambers, City Hall – 400 La Crosse St.**

It is recommended someone attend the J&A meetings where public hearing is allowed; there may be questions or comments from a committee or council member or another citizen. Public hearing is generally not allowed at the Council meeting although there may be questions of Council Members. The item will appear on the agendas as File # 26-0136.

Attendance is allowed either in person or virtually. If you wish to attend virtually, please email me for the link to participate. If you have any questions, comments, or concerns; do not hesitate to contact me.

Sincerely,

Sondra Craig

Sondra Craig, Deputy Clerk
craigs@cityoflacrosse.org
608-789-7549

City of La Crosse, Wisconsin

City Hall
400 La Crosse Street
La Crosse, WI 54601

Text File

File Number: 26-0164

Agenda Date: 4/9/2026

Version: 1

Status: Recommended to be Adopted

In Control: Common Council

File Type: Resolution

Resolution granting various license applications pursuant to Chapters 4, 6, and/or 10 of the La Crosse Municipal Code for the license period 2025-2026 (April).

RESOLUTION

BE IT RESOLVED by the Common Council of the City of La Crosse that the following classes of licenses be and the same are hereby granted to each of the following named for the remainder of the 2025-2026 license period (or as otherwise stated), and that the beer and/or liquor license for previous licensee for said premise be hereby cancelled (unless otherwise noted below).

BE IT FURTHER RESOLVED that the City Clerk be directed to issue such license only after reports of full compliance have been received from the Police, Health, Fire, and Building & Inspections Departments with respect to the Municipal Code.

BE IT FURTHER RESOLVED that all Class "B" Beer, Class "A" Beer, "Class A" Liquor, "Class C" Wine, Combination "Class B" Beer and Liquor Licenses be placed in use within ninety (90) days of the granting thereof, unless and until the applicant advises the Common Council in writing within such ninety (90) day period that s/he is unable to complete the Code compliance requirements established by the various departments which are deemed necessary to bring the premises into compliance.

BE IT FURTHER RESOLVED that La Crosse Festivals, Inc. must ensure a sufficient number of toilet facilities are provided for events based on expected attendance, as the existing permanent restrooms on the grounds may not adequately accommodate the total number of attendees at certain events.

BE IT FURTHER RESOLVED that the City Clerk is authorized to issue the following license only after payment of all fees, taxes and charges of the City of La Crosse against the licensee and licensed premises, if any, and upon compliance with beer and liquor credit laws.

Alcohol
April 10, 2026 through June 30, 2026

Combination "Class B" Beer & Liquor
Jac's Signature Steakhouse LLC dba JAC's
200 Main St Ste 101
Agent: Robert Cunitz – 2125 Cameron Ave
(New Applicant)

Reserve Combination "Class B" Beer & Liquor
La Crosse Festivals Inc dba Oktoberfest USA
1 Oktoberfest Strasse
Agent: Jennifer Krisnowich – 3130 Beyer Rd, Onalaska
(New Applicant) Effective May 1, 2026

Change of Agent
Kwik Trip Inc dba Kwik Trip #829
507 Lang Dr
New Agent: George Libotte – 1604 9th St S

***Producer Full-Service Retail Sales ***

Alcohol permit issued by the State Dept of Revenue, but municipal approval of the fixed location required pursuant to Municipal Code sec. 4-153.
Driftless Pure LLC dba La Crosse Distilling Co.
Secondary sales location – The Cargill Room, 332 Front Street
Effective May 1, 2026
(Combination "Class "B" Beer & Liquor license issued to Riverside Center II LLC for 332 Front St is being surrendered effective May 1, 2026)

Outdoor Cabaret
April 10, 2026 through June 30, 2026

La Crosse Festivals Inc dba Oktoberfest USA
1 Oktoberfest Strasse

Recycling Facility
April 10, 2026 through June 30, 2026

7 Rivers Recycling LLC
4329 East Ave S

LA CROSSE POLICE DEPARTMENT
LEAD. PARTNER. PROTECT.

MEMORANDUM

DATE: March 31, 2026

TO: Judicial and Administration Committee

FROM: Sergeant D. Mandujano

SUBJECT: 3rd Quarter of 2025/2026 Alcohol License Year

COPIES TO: None

Quarterly Alcohol Enforcement Report
Reporting Period: January 1st through March 31st, 2026
Prepared by: Sergeant Danny Mandujano

Follow-Up Information

Tequila's

Synopsis:

Tequila's continues on their abatement plan which included the following requirements:

- Check ID of those who appear 30 years of age or younger.
- Verification of two forms of identification for entry
- Immediate contact with law enforcement regarding suspicious activity
- Submission of a monthly customer log

They have failed to produce a monthly customer log since January despite Officers stopping in monthly requesting. Latest request/reminder was given in February.

Follow-Up Actions:

- *26-08242 – Bar Check:* On February 25th 2026 Officers were conducting bar checks around the campus area after receiving complaints about underage individuals consuming alcohol around campus. Two underage individuals were served alcohol despite being under 21. Tequilas was cited for serving to underage individuals. This has not been heard in municipal court yet.

Miscellaneous:

During this quarter three citations related to underage consumption were taken to court. One was upheld and two were dismissed by the municipal judge. These are being appealed in circuit court and are set for hearing in April. If upheld, they will be subject to revocation or non-renewal of their liquor license.

Citgo

Synopsis:

Following last quarter's discovery involving the sale of illegal prescription medications, several compliance checks were conducted. Multiple violations related to tobacco and vape products were identified. The Department of Revenue – Tobacco/Vape unit confiscated several illegal vape products, and the establishment was cited for failure to post required signage for THC products (Ordinance 32-165). As mentioned last quarter, they continued to sell concerning legal items such as:

- Glass pipes

- Nitrous Oxide containers ("whippets") in multiple sizes
- Mushroom products, THC Delta-8, and THC-A products

During a compliance check, 22 Sildenafil (generic Viagra) tablets—available only by prescription—were located. This discovery followed a prior warning to the establishment regarding the unlawful sale of prescription medication without proper licensure. Consultation with Mayo Clinic confirmed the medication is prescription-only and not authorized for over-the-counter sale in the United States. After review with the District Attorney's Office, the owner of Citgo was charged with two counts of Delivery of Prescription Medication (Wis. Stat. § 450.11(7)(g)), a Class H felony, for this incident and a prior violation last quarter.

Compliance Checks

During this quarter, the La Crosse Police Department continued promoting responsible alcohol sales, purchases, and consumption within the community. We recognize the impact alcohol-related issues have on public safety and have continued to prioritize education, enforcement, and community engagement. We continue our partnership with the Department of Revenue – Division of Alcohol Beverages (DOR). Our department has recently established a new partnership with the Department of Revenue – Division of Tobacco and Vape. We conducted random compliance checks at several tobacco and vape and Class B licensed establishments.

- **Total Joint Compliance Checks:** Six alcohol and four tobacco/vape.
- **Failures:** Each establishment had one or more failures; most were addressed through education and corrective guidance.

  Notable Violations:
  - Rolling Tress (444 Main St.): Did not have a valid seller's permit. Large inventory of vape products were confiscated by DOR – Tobacco/vape
  - Chucks Bar: Bouncer allowed and served underage individuals during a compliance check. Three citations were issued related to underage consumption. See below for further information regarding Chronic Nuisance Property (CNP).

Education and Outreach

- **Alcohol Compliance Training:** Captain Wenger and I delivered a one-hour alcohol compliance training to command staff, with the goal of standardizing and disseminating a proactive approach to bar and compliance checks among frontline personnel.
- **Outreach:** Our Department has been coordinating with the La Crosse County Health Department to establish a partnership focused on underage tobacco use, with plans to formalize this collaboration next quarter.

Enforcement Comparative Analysis:

- Enforcement activity increased compared to the same quarter of the previous license year.
- **Total Bar Checks:**
  - 2024: 88
  - 2025: 123
  - Approximate 40% increase year to year

Citations Issued: 24

Observations:

Enforcement activity involving licensed establishments continues to increase, with an ongoing focus on compliance, education, and corrective action. We've also continued to build our partnership with the Department of Revenue, which has improved coordination and overall enforcement efforts on with both alcohol and tobacco/vape.

Chronic Nuisance Property Establishment

Chucks:

Chuck's Bar has had three calls for service resulting in enforcement action within a 12-month period, meeting the threshold for designation as a Chronic Nuisance Property. After consultation with the City Attorney's Office, it has been determined that we will proceed with the Chronic Nuisance Property process to ensure a consistent and equitable approach to licensed establishments.

- 9/4/25, Case 25-39608 – One citation from a compliance check failure resulting in allowing underage in bar. The trial is scheduled for May 2026.
  Summary of check: On 09/04/25 Officer Abraham was working with underage individuals to conduct citywide compliance checks. The two underage individuals attempted to get into the bar and the bouncer asked for their IDs. The volunteers provided their real IDs which were valid and had the correct birthday. Despite them being under the age of 21 they were granted access into the bar. Bouncer was cited for 4-7.

- 9/6/25, Case 25-39973 – Six UA related citations for 4-10 and 4-9. All six of these were found guilty/paid.

  Summary of check: On 09/06/25 Officers conducted a random bar check at Chucks Bar. Upon entry into the bar Officers observed several individuals who appeared underage with drinks in their hands walk quickly away to the back of the bar. Officers contacted three individuals who were underage and admitted to consuming alcohol. Two of those three provided fake IDs. All were cited for 4-9 and 4-10 and released.

- 2/25/26, Case 26-08261 – Three citations, compliance check failure resulting in citations for 4-10 (x2) and 4-6. The underage in bar has been paid. The two for the bartender are scheduled for court in April.

  Summary of check: On 02/25/26 Officer Jelinski was conducting compliance checks with underage individuals. The two underage individuals provided their real IDs from WI and MN. The bartender noticed one was underage and asked her if she had a "fake ID to show me". She informed him he did not and allowed her to stay on the premises. He then served the male underage male a Busch Light beer. When Officer Jelinski walked in, he observed a large group of individuals who appeared to be underage quickly exit the bar upon seeing law enforcement. Officer Jelinski caught up with a male who was identified as underage and stated his ID was never checked and gained entry by walking through the unsupervised back door. He was cited for 4-10. The bartender was cited for 4-10 and 4-9.

Quarterly Summary
During the 3rd quarter, the La Crosse Police Department continued proactive alcohol compliance checks and enforcement efforts aimed at reducing underage consumption and enhancing public safety. Through ongoing bar checks and focused enforcement, compliance issues were identified and addressed, with particular attention given to establishments requiring continued oversight.

The Department has also continued to strengthen our partnership with the Wisconsin Department of Revenue, improving coordination and supporting more effective enforcement of alcohol, tobacco, and vape regulations. This partnership will remain a priority, with a continued focus on deterrence, compliance, and community education.

TO THE JUDICIARY AND ADMINISTRATION COMMITTEE:

Following is a list of various licenses for the 2025-2026 license period to be considered by your committee on March 31, 2026.

Alcohol
April 10, 2026 through June 30, 2026

Combination "Class B" Beer & Liquor
Jac's Signature Steakhouse LLC dba JAC's
200 Main St Ste 101
Agent: Robert Cunitz – 2125 Cameron Ave
(New Applicant)

Reserve Combination "Class B" Beer & Liquor
La Crosse Festivals Inc dba Oktoberfest USA
1 Oktoberfest Strasse
Agent: Jennifer Krisnowich – 3130 Beyer Rd, Onalaska
(New Applicant)

Change of Agent
Kwik Trip Inc dba Kwik Trip #829
507 Lang Dr
New Agent: George Libotte – 1604 9th St S

***Producer Full-Service Retail Sales ***

Alcohol permit issued by the State Dept of Revenue, but municipal approval of the fixed location required pursuant to Municipal Code sec. 4-153.
Driftless Pure LLC dba La Crosse Distilling Co.
Secondary sales location – The Cargill Room, 332 Front Street
Effective May 1, 2026
(Combination "Class "B" Beer & Liquor license issued to Riverside Center II LLC for 332 Front St is being surrendered effective May 1, 2026)

Outdoor Cabaret
April 10, 2026 through June 30, 2026

La Crosse Festivals Inc dba Oktoberfest USA
1 Oktoberfest Strasse

Recycling Facility
April 10, 2026 through June 30, 2026

7 Rivers Recycling LLC
4329 East Ave S

City of La Crosse, Wisconsin

ORIGINAL ALCOHOL LICENSE APPLICATION INFORMATION SUBMITTAL

Rev. 10/2025

(Ch. 4, secs. 4-72 & 4-142)

All new applicants for an alcohol license pursuant to Chapter 4 of the La Crosse Municipal Code shall submit the following information with the original alcohol applications. Any false statement contained in such application shall automatically nullify any license issued pursuant thereto.

Applications will not be accepted until all of the information is complete and necessary documents provided.

RECEIVED FEB 17 2026 City Clerk's Office

TYPE OF LICENSE(S) REQUESTED

Class A: ☐ Beer, ☐ Liquor
Class B: ☒ Beer, ☒ Liquor
Class C: ☐ Wine

APPLICANT

Legal Business Name *(Corporation, LLC, Sole Proprietor, Partnership)*:	**Trade Name:**
JAC's Signature Steakhouse LLC	JACs

Address: Street	City	State	Zip Code
200 Main Street Suite 101	La Crosse	WI	54601

Telephone Number:	**Email:**	**Website:**
[redacted]		

ACTIVE USE OF LICENSE

☒ *I understand that if a license is granted, said license* ***must be activated within 90 days of being granted*** *pursuant to Municipal Code secs. 4-43 and 4-108. This means open for business with stock and equipment.*

Anticipated Date of Opening: April 1, 2026

☒ *I understand that if a license is granted, said license shall be actively utilized pursuant to Municipal Code sec. 4-12. Actively utilized shall mean open for business with regular and consistent operating hours. If a license is not actively used throughout any 90-day period, the license shall be subject to revocation or suspension pursuant to sec. 4-82.*

☒ *I understand that* ***if there is any change to the license or licensee information****, including but not limited to change in officers/members/directors or agent or their address/phone number, change in hours of operation, etc.,* ***the City Clerk will be notified within 30 days*** *pursuant to Wis. Stat. sec. 125.04(3)(h).*

CORPORATIONS/LLCs – AGENT QUALIFICATIONS & RESPONSIBILITIES
(N/A for Sole Proprietors and Partnerships)

☒ *I understand that as an officer of the applicant corporation or member of the applicant limited liability company, the appointed alcohol license agent shall meet the requirements of Wis. Stat. Ch. 125 and, in addition, shall have resided within the State of Wisconsin continuously for 90 days prior to the date of application and shall reside within a 25-mile radius of the City limits at the time of application and at all times such individual shall be the appointed agent. Further, the appointed agent is an individual who is regularly involved in the actual conduct of the business and has full authority and control of the premises described and of the conduct of all business on the premises relative to alcohol beverages.*

BUSINESS PLAN

Type of Establishment:

☐ Tavern ☐ Nightclub ☒ Restaurant ☐ Liquor Store ☐ Grocery Store
☐ Convenience Store with gas pumps ☐ Convenience Store without gas pumps
☐ Other _____

Hours of Operation:
Mon – ~~Tues~~ - Sat. 3 - close Sundays - 8-3

Anticipated Number of Employees: 25

Method for training employees in alcohol beverage laws and requirements for employees to hold a beverage operator license: Bartenders must complete responsible server course. Training will include, ID verification procedures, refusal of service, & compliance w/ WI alcohol policies.

Other Business to Be Conducted on Premise:

Estimated gross receipts for food and alcohol beverage sales by percentage.
(Note: Non-alcoholic drinks are classified as "Food.")

_____ % Alcohol _____ % Food _____ % Other

If applicable, describe "Other": _____

Estimated capacity (Class B and Class C licenses only):

Indoor 120 Outdoor, if applicable _____

Will there be any outdoor sales/service or consumption of alcohol? If yes, explain.
If yes, a beer garden license or outdoor dining permit is required.

Yes - few tables out front on sidewalk

Will there be live entertainment (music or dancing) on premise? If yes, explain.
If yes, a cabaret license is required. NO

Do you have off-street parking? ☐ Yes ☐ No

If yes, how many parking spaces? _____

If no, how will parking be accommodated.

Provide a sketch of the floor plan showing overall dimensions, the areas of sales, consumption and storage, seating arrangements, location of coolers, and location where records are kept (invoices for purchase of alcohol).

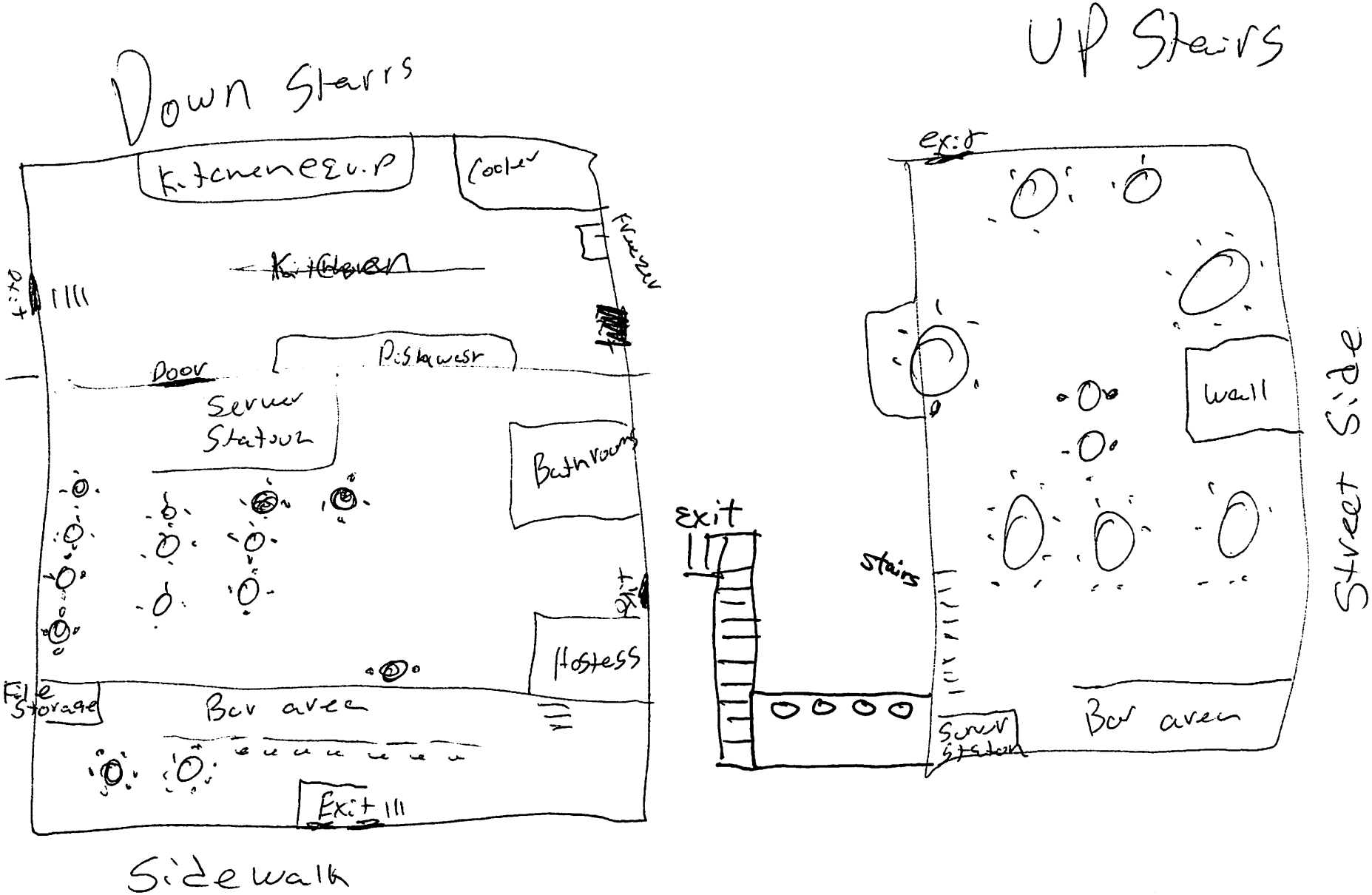
Provide a site plan showing building location, any outside areas where alcohol beverages may be sold or consumed, off-street parking, ingress and egress, and existing or proposed screening.

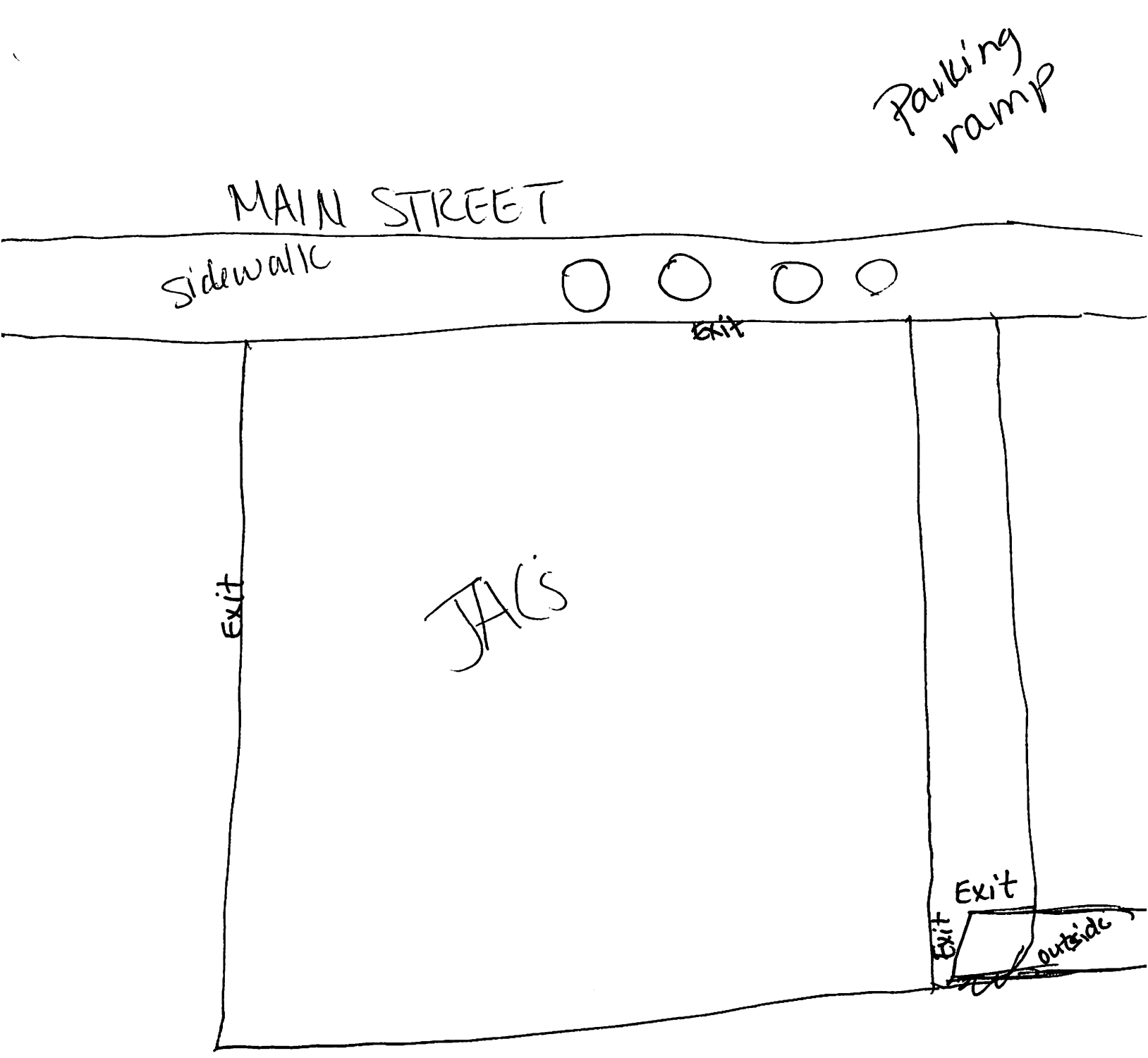
The information provided is true and correct to the best of my knowledge, I have reviewed the Alcohol Beverage Submittal Requirements and Information page and will comply with necessary requirements.

Signature Jennifer Popp **Date** 2-12-26

FOR OFFICE USE – City Clerk's Office checklist for complete applications

- ☐ Completed applications and fee
- ☐ Surrender of previous license, if applicable
- ☐ Lease, purchase agreement, or other proof of control of premise
- ☐ Contact Information Sheet
- ☐ Articles of Incorporation
- ☐ WI Seller's Permit Certificate (copy)
- ☐ FEIN (copy)
- ☐ Floor Plan
- ☐ Site Plan
- ☐ Proof of course completion or valid operator license or on other license within last two years.
- ☐ Confirm proximity to school, church or hospital
- ☐ Confirm proximity to land zoned residential or multiple dwelling


Down Stairs
Kitchen Equip
Cooler
Freezer
Kitchen
Exit
Door
Dishwasher
Server Station
Bathroom
Exit
Hostess
File Storage
Bar area
Exit
Sidewalk
Up Stairs
exit
Wall
Street Side
exit
Stairs
Server Station
Bar area


Parking ramp
MAIN STREET
sidewalk
Exit
Exit
JACS
Exit
Exit
outside

Save | Print | Clear

Form **AB-200**

Alcohol Beverage License Application

For Municipal Use Only	
Municipality	
License Period	

License(s) Requested: (up to two boxes may be checked)

- ☐ Class "A" Beer . . . . . $ _____
- ☒ Class "B" Beer . . . . . $ _____
- ☐ "Class A" Liquor . . . . . $ _____
- ☒ "Class B" Liquor . . . . . $ _____
- ☐ "Class A" Liquor (cider only) $ _____
- ☐ Reserve "Class B" Liquor $ _____
- ☐ "Class C" Liquor (wine only) $ _____

Fees	
License Fees	$
Background Check Fee	$
Publication Fee	$
Total Fees	$

Part A: Premises/Business Information

1. Legal Business Name (individual name if sole proprietorship)
JACs Signature Steakhouse LLC

2. Business Trade Name or DBA

3. FEIN
41 4125334

4. Wisconsin Seller's Permit Number
456-1032272615-02

5. Entity Type *(check one)*
☐ Sole Proprietor ☐ Partnership ☒ Limited Liability Company ☐ Corporation ☐ Nonprofit Organization

6. State of Organization
WI

7. Date of Organization
2-6-26

8. Wisconsin DFI Registration Number

9. Premises Address
300 Main Street Ste 101

10. City
La Crosse

11. State
WI

12. Zip Code
54601

13. County
La Crosse

14. Governing Municipality: ☒ City ☐ Town ☐ Village
of: La Crosse

15. Aldermanic District

16. Premises Phone

17. Premises Email

18. Website

19. Premises Description - Describe the building or buildings where alcohol beverages are produced, sold, stored, or consumed, and related records are kept. Describe all rooms within the building, including living quarters. Authorized alcohol beverage activities and storage of records may occur only on the premises described in this application. Attach a map or diagram and additional sheets if necessary.
Main floor (bar area) - Kitchen area - Storage off kitchen and closet off bar area Alcohol will be served in bar area, 1st and second floor of restaurant.

20. Mailing Address (if different from premises address)
21269 Flaghill Ave
Alcohol will be stored behind the bar, Storage room off the bar, and in kitchen.

21. City
Tomah
Records will be kept in room off the Bar.

22. State
WI

23. Zip Code
54660

Part B: Questions

1. Has the business (sole proprietorship, partnership, limited liability company, or corporation) been convicted of violating federal or state laws or local ordinances? Exclude traffic offenses unless related to alcohol beverages. ☐ Yes ☒ No

If yes, list the details of violation below. Attach additional sheets if necessary.

Law/Ordinance Violated	Location	Trial Date
Penalty Imposed	Was sentence completed? . . . . . ☐ Yes ☐ No	
Law/Ordinance Violated	Location	Trial Date
Penalty Imposed	Was sentence completed? . . . . . ☐ Yes ☐ No	

2. Are charges for any offenses pending against the business? Exclude traffic offenses unless related to alcohol beverages. ☐ Yes ☒ No

If yes, describe the nature and status of pending charges using the space below. Attach additional sheets as needed.

3. Is the applicant business or any of its officers, directors, members, agent, employees, owners, or other related individuals or entities a restricted investor with any interest in an alcohol beverage producer or distributor? ☐ Yes ☒ No
If yes, provide the name of the restricted investor and describe the nature of the interest.

4. Is the applicant business owned by another business entity? ☐ Yes ☒ No
If yes, provide the name(s) and FEIN(s) of the business entity owners below. Attach additional sheets as needed.

4a. Name of Business Entity	4b. Business Entity FEIN

5. Have the partners, agent, or sole proprietor satisfied the responsible beverage server training requirement for this license period? Submit proof of completion. ☒ Yes ☐ No

6. Is the applicant business indebted to any wholesaler beyond 15 days for beer or 30 days for liquor/wine? ☐ Yes ☒ No

7. Does the applicant business owe past due municipal property taxes, assessments, or other fees? ☐ Yes ☒ No

Part C: Individual Information

List the name, title, and phone number for each person or entity holding the following positions in the applicant business or businesses listed in Part B, Question 4: sole proprietor, all officers, directors, and agent of a corporation or nonprofit organization, all partners of a partnership, and all members, managers, and agent of a limited liability company. Attach additional sheets if necessary.

Include Form AB-100 for each person listed below. Corporations and LLCs must appoint an agent by including Form AB-101.

Last Name	First Name	Title	Phone
Popp	Jennifer	partner	[redacted]
Popp	Chris	Partner	
Cunitz	Robert	agent	

Part D: Attestation

One of the following must sign and attest to this application:

• sole proprietor • one general partner of a partnership • one corporate officer • one member of an LLC

READ CAREFULLY BEFORE SIGNING: Under penalty of law, I have answered each of the above questions completely and truthfully. I agree that I am acting solely on behalf of the applicant business and not on behalf of any other individual or entity seeking the license. Further, I agree that the rights and responsibilities conferred by the license(s), if granted, will not be assigned to another individual or entity. I agree to operate this business according to the law, including but not limited to, purchasing alcohol beverages from state authorized wholesalers. I understand that lack of access to any portion of a licensed premises during inspection will be deemed a refusal to allow inspection. Such refusal is a misdemeanor and grounds for revocation of this license. I understand that any license issued contrary to Wis. Stat. Chapter 125 shall be void under penalty of state law. I further understand that I may be prosecuted for submitting false statements and affidavits in connection with this application, and that any person who knowingly provides materially false information on this application may be required to forfeit not more than $1,000 if convicted.

Last Name	First Name	M.I.
Popp	Jennifer	J

Title	Email	Phone
partner	[redacted]	

Signature	Date
Jennifer Popp	2-10-26

Part E: For Clerk Use Only

Date Application Was Filed With Clerk	License Number	Date License Granted	Date License Issued

Signature of Clerk/Deputy Clerk	Date Provisional License Issued (if applicable)

Save Print Clear

Form **AB-100**

Alcohol Beverage Individual Questionnaire

Date

All individuals involved in the alcohol beverage business must complete this form, including:

- sole proprietor
- all partners of a partnership
- all officers, directors, and agent of a corporation or nonprofit organization
- members and agent of a limited liability company

Your alcohol beverage application or renewal is not complete until all required Individual Questionnaires are submitted.

Part A: Business Information

1. Legal Business Name (individual name if sole proprietor): JAC's Signature Steakhouse LLC
2. Business Trade Name or DBA:
3. Entity Type *(check one)*: ☐ Sole Proprietor ☐ Partnership ☐ Limited Liability Company ☐ Corporation ☐ Nonprofit Organization

Part B: Individual Information

1. Last Name	2. First Name	3. M.I.
Popp	Jennifer	J

4. Relationship to Business (Title)	5. Email	6. Phone
Partner	[redacted]	

7. Home Address: 21269 Flaghill Ave

8. City	9. State	10. Zip Code	11. Date of Birth
Tomah	WI	54660	[redacted]

12. Drivers License/State ID Number	13. Drivers License/State ID State of Issuance
[redacted]	Wisconsin

Part C: Address History

1. Do you currently live in Wisconsin? ..... ☒ Yes ☐ No

   If yes, provide the month and year when you permanently moved to Wisconsin ..... (MM/YYYY) 11-1971

2. List in chronological order all of your addresses within the last 5 years. Attach additional sheets if necessary.

Previous Address 1: 21269 Flaghill Ave	City: Tomah	State: WI	Zip Code: 54660
Previous Address 2: 309 1/2 Superior Ave	City: Tomah	State: WI	Zip Code: 54660
Previous Address 3: 28240 Northridge Rd	City: Kendall	State: WI	Zip Code: 54638
Previous Address 4:	City:	State:	Zip Code:
Previous Address 5:	City:	State:	Zip Code:

3. List all states and counties you have lived in as an adult. Attach additional sheets if necessary.

State	County	State	County	State	County	State	County
WI	Monroe	WI	Vernon	WI			
WI	La Crosse						

Continued →

Part D: Criminal History

1. Have you ever been convicted of any offenses (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or of any county or municipal ordinances?..... ☐ Yes ☒ No

If yes to question 1, please list details of each conviction below. Attach additional sheets as needed.

Law/Ordinance Violated	Location	Conviction Date

Penalty Imposed	Was sentence completed?..... ☐ Yes ☐ No

Law/Ordinance Violated	Location	Conviction Date

Penalty Imposed	Was sentence completed?..... ☐ Yes ☐ No

Law/Ordinance Violated	Location	Conviction Date

Penalty Imposed	Was sentence completed?..... ☐ Yes ☐ No

2. Are charges for any offenses currently pending against you (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or any county or municipal ordinances?..... ☐ Yes ☒ No

If yes to question 2, describe nature and status of pending charges using the space below. Attach additional sheets as needed.

Part E: Attestation

READ CAREFULLY BEFORE SIGNING: Under penalty of law, I have answered each of the above questions completely and truthfully. I certify that I am not prohibited from participating in this business due to any involvement in another tier of the alcohol beverage industry as a restricted investor. I understand that any license issued contrary to Wis. Stat. Chapter 125 shall be void under penalty of state law. I further understand that I may be prosecuted for submitting false statements and affidavits in connection with this application, and that any person who knowingly provides materially false information on this application may be required to forfeit not more than $1,000 if convicted.

Signature	Date
Jennifer Popp	2-10-26

Save | Print | Clear

Form **AB-100**

Alcohol Beverage Individual Questionnaire

Date

All individuals involved in the alcohol beverage business must complete this form, including:

- sole proprietor
- all partners of a partnership
- all officers, directors, and agent of a corporation or nonprofit organization
- members and agent of a limited liability company

Your alcohol beverage application or renewal is not complete until all required Individual Questionnaires are submitted.

Part A: Business Information

1. Legal Business Name (individual name if sole proprietor): JACs Signature Steakhouse LLC
2. Business Trade Name or DBA:
3. Entity Type *(check one)*: ☐ Sole Proprietor ☐ Partnership ☒ Limited Liability Company ☐ Corporation ☐ Nonprofit Organization

Part B: Individual Information

1. Last Name	2. First Name	3. M.I.
Cunitz	Robert	P

4. Relationship to Business (Title)	5. Email	6. Phone
Agent	[redacted]	

7. Home Address: 2125 Cameron Ave

8. City	9. State	10. Zip Code	11. Date of Birth
La Crosse	WI	54601	[redacted]

12. Drivers License/State ID Number	13. Drivers License/State ID State of Issuance
[redacted]	Wisconsin

Part C: Address History

1. Do you currently live in Wisconsin? ☒ Yes ☐ No

If yes, provide the month and year when you permanently moved to Wisconsin (MM/YYYY): na

2. List in chronological order all of your addresses within the last 5 years. Attach additional sheets if necessary.

	City	State	Zip Code
Previous Address 1: 804 Troy St	Onalaska	WI	54650
Previous Address 2: 630 9th St N	La Crosse	WI	54601
Previous Address 3:			
Previous Address 4:			
Previous Address 5:			

3. List all states and counties you have lived in as an adult. Attach additional sheets if necessary.

State	County	State	County	State	County	State	County
WI	La Crosse						
WI	Monroe						

Continued →

Part D: Criminal History

1. Have you ever been convicted of any offenses (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or of any county or municipal ordinances?..... ☐ Yes ☒ No

If yes to question 1, please list details of each conviction below. Attach additional sheets as needed.

Law/Ordinance Violated	Location	Conviction Date
Penalty Imposed	Was sentence completed?..... ☐ Yes ☐ No	
Law/Ordinance Violated	**Location**	**Conviction Date**
Penalty Imposed	Was sentence completed?..... ☐ Yes ☐ No	
Law/Ordinance Violated	**Location**	**Conviction Date**
Penalty Imposed	Was sentence completed?..... ☐ Yes ☐ No	

2. Are charges for any offenses currently pending against you (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or any county or municipal ordinances?..... ☐ Yes ☒ No

If yes to question 2, describe nature and status of pending charges using the space below. Attach additional sheets as needed.

Part E: Attestation

READ CAREFULLY BEFORE SIGNING: Under penalty of law, I have answered each of the above questions completely and truthfully. I certify that I am not prohibited from participating in this business due to any involvement in another tier of the alcohol beverage industry as a restricted investor. I understand that any license issued contrary to Wis. Stat. Chapter 125 shall be void under penalty of state law. I further understand that I may be prosecuted for submitting false statements and affidavits in connection with this application, and that any person who knowingly provides materially false information on this application may be required to forfeit not more than $1,000 if convicted.

Signature	Date
Robert [signature]	2/9/2026

Save | Print | Clear

Form **AB-100**

Alcohol Beverage Individual Questionnaire

Date

All individuals involved in the alcohol beverage business must complete this form, including:

- sole proprietor
- all partners of a partnership
- all officers, directors, and agent of a corporation or nonprofit organization
- members and agent of a limited liability company

Your alcohol beverage application or renewal is not complete until all required Individual Questionnaires are submitted.

Part A: Business Information

1. Legal Business Name (individual name if sole proprietor): JACs Signature Steakhouse LLC
2. Business Trade Name or DBA:
3. Entity Type *(check one)*: ☐ Sole Proprietor ☐ Partnership ☒ Limited Liability Company ☐ Corporation ☐ Nonprofit Organization

Part B: Individual Information

1. Last Name	2. First Name	3. M.I.
Popp	Christopher	A

4. Relationship to Business (Title)	5. Email	6. Phone
Partner		[redacted]

7. Home Address: 21269 Flaghill Ave

8. City	9. State	10. Zip Code	11. Date of Birth
Tomah	WI	54660	[redacted]

12. Drivers License/State ID Number	13. Drivers License/State ID State of Issuance
[redacted]	WI

Part C: Address History

1. Do you currently live in Wisconsin? ☒ Yes ☐ No

   If yes, provide the month and year when you permanently moved to Wisconsin: (MM/YYYY) 12-1975

2. List in chronological order all of your addresses within the last 5 years. Attach additional sheets if necessary.

	City	State	Zip Code
Previous Address 1: 21269 Flaghill Ave	Tomah	WI	54660
Previous Address 2: 309 1/2 Superior Ave	Tomah	WI	54660
Previous Address 3: 28240 Northridge Rd	Kendall	WI	54638
Previous Address 4:			
Previous Address 5:			

3. List all states and counties you have lived in as an adult. Attach additional sheets if necessary.

State	County	State	County	State	County	State	County
WI	LaCrosse						
WI	Monroe						

Continued →

Part D: Criminal History

1. Have you ever been convicted of any offenses (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or of any county or municipal ordinances?..... ☒ Yes ☐ No

If yes to question 1, please list details of each conviction below. Attach additional sheets as needed.

Law/Ordinance Violated	Location	Conviction Date
DisorderlY conduct	Walton- WI	2013
Penalty Imposed	**Was sentence completed?** ☒ Yes ☐ No	
fine		
Law/Ordinance Violated	**Location**	**Conviction Date**
Penalty Imposed	**Was sentence completed?** ☐ Yes ☐ No	
Law/Ordinance Violated	**Location**	**Conviction Date**
Penalty Imposed	**Was sentence completed?** ☐ Yes ☐ No	

2. Are charges for any offenses currently pending against you (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or any county or municipal ordinances?..... ☐ Yes ☒ No

If yes to question 2, describe nature and status of pending charges using the space below. Attach additional sheets as needed.

Part E: Attestation

READ CAREFULLY BEFORE SIGNING: Under penalty of law, I have answered each of the above questions completely and truthfully. I certify that I am not prohibited from participating in this business due to any involvement in another tier of the alcohol beverage industry as a restricted investor. I understand that any license issued contrary to Wis. Stat. Chapter 125 shall be void under penalty of state law. I further understand that I may be prosecuted for submitting false statements and affidavits in connection with this application, and that any person who knowingly provides materially false information on this application may be required to forfeit not more than $1,000 if convicted.

Signature	Date
[signature]	2-10-26

Save | Print | Clear

Form **AB-101**

Alcohol Beverage Appointment of Agent

Date

Agent Type *(check one)*

☒ Original (no fee) ☐ Successor ($10 fee for municipal licensees only)

Part A: Business Information

1. Legal Business Name (individual name if sole proprietor)
JACs Signature Steakhouse LLC

2. Business Trade Name or DBA

3. Entity Type *(check one)* ☒ Limited Liability Company ☐ Corporation ☐ Nonprofit Organization

4. Alcohol Beverage Business Authorization *(check one)* ☐ Municipal Retail License ☐ State Permit

5. If successor agent, provide State Permit or Municipal Retail License Number

6. Describe the reason for appointing a successor agent, if successor is checked above.

Part B: Agent Information

1. Last Name	2. First Name	3. M.I.
Cunitz	Robert	P

4. Email [redacted] 5. Phone

6. Home Address: 2125 Cameron Ave

7. City	8. State	9. Zip Code	10. Date of Birth
La Crosse	WI	54601	[redacted]

11. Drivers License/State ID Number	12. Drivers License/State ID State of Issuance
[redacted]	Wisconsin

Part C: Agent Questions

1. Have you satisfied the responsible beverage server training requirement? Submit proof of completion. ☒ Yes ☐ No

2. Have you completed Form AB-100, *Alcohol Beverage Individual Questionnaire* (licensee) or Form AB-300, *Alcohol Beverage Personal Questionnaire* (permittee)? ☒ Yes ☐ No

3. Have you been a Wisconsin resident for at least 90 continuous days? See instructions for exceptions. ☒ Yes ☐ No

Continued →

Part D: Business Attestation

READ CAREFULLY BEFORE SIGNING: I, the **Undersigned**, authorize the above-named individual to act for the above-named corporation, nonprofit organization, or limited liability company with full authority and control of the premises and of all alcohol beverage activities on such premises. I certify that I am authorized by the above-named entity to authorize this individual to act on behalf of the entity. If I am appointing a successor agent, I rescind all previous agent appointments for this premises. Further, I understand that I may be prosecuted for submitting false statements and affidavits in connection with this application, and that any person who knowingly provides materially false information on this application may be required to forfeit not more than $1,000 if convicted.

Last Name	First Name	M.I.
Popp	Jennifer	J

Title	Email	Phone
Partner	[redacted]	

Signature	Date
Jennifer Popp	2-10-26

Part E: Agent Attestation

READ CAREFULLY BEFORE SIGNING: I, the **Agent**, hereby accept this appointment as agent for the above-named corporation, nonprofit organization, or limited liability company and assume full responsibility for the conduct of all alcohol beverage activities on the premises for the above-named business. I further understand that I may be prosecuted for submitting false statements and affidavits in connection with this application, and that any person who knowingly provides materially false information on this application may be required to forfeit not more than $1,000 if convicted.

Last Name	First Name	M.I.
Curitz	Robert	P

Signature	Date
Robert Curitz	2/9/2026

City of La Crosse, Wisconsin

ORIGINAL ALCOHOL LICENSE APPLICATION INFORMATION SUBMITTAL

Rev. 10/2025

(Ch. 4, secs. 4-72 & 4-142)

All new applicants for an alcohol license pursuant to Chapter 4 of the La Crosse Municipal Code shall submit the following information with the original alcohol applications. Any false statement contained in such application shall automatically nullify any license issued pursuant thereto.

Applications will not be accepted until all of the information is complete and necessary documents provided.

RECEIVED MAR 17 2026 City Clerk's Office

TYPE OF LICENSE(S) REQUESTED

Class A: ☐ Beer, ☐ Liquor
Class B: ☑ Beer, ☑ Liquor
Class C: ☐ Wine

APPLICANT

Legal Business Name *(Corporation, LLC, Sole Proprietor, Partnership)*:	**Trade Name:**
La Crosse Festivals, Inc.	Oktoberfest USA

Address: Street	City	State	Zip Code
PO Box 1716 / 1 Oktoberfest Strasse	La Crosse	WI	54601

Telephone Number:	**Email:**	**Website:**
[redacted]		oktoberfestusa.com

ACTIVE USE OF LICENSE

☑ *I understand that if a license is granted, said license* ***must be activated within 90 days of being granted*** *pursuant to Municipal Code secs. 4-43 and 4-108. This means open for business with stock and equipment.*

Anticipated Date of Opening: 5/1/26 – April Council

☑ *I understand that if a license is granted, said license shall be actively utilized pursuant to Municipal Code sec. 4-12. Actively utilized shall mean open for business with regular and consistent operating hours. If a license is not actively used throughout any 90-day period, the license shall be subject to revocation or suspension pursuant to sec. 4-82.*

☑ *I understand that* ***if there is any change to the license or licensee information****, including but not limited to change in officers/members/directors or agent or their address/phone number, change in hours of operation, etc.,* ***the City Clerk will be notified within 30 days*** *pursuant to Wis. Stat. sec. 125.04(3)(h).*

CORPORATIONS/LLCs – AGENT QUALIFICATIONS & RESPONSIBILITIES (N/A for Sole Proprietors and Partnerships)

☐ *I understand that as an officer of the applicant corporation or member of the applicant limited liability company, the appointed alcohol license agent shall meet the requirements of Wis. Stat. Ch. 125 and, in addition, shall have resided within the State of Wisconsin continuously for 90 days prior to the date of application and shall reside within a 25-mile radius of the City limits at the time of application and at all times such individual shall be the appointed agent. Further, the appointed agent is an individual who is regularly involved in the actual conduct of the business and has full authority and control of the premises described and of the conduct of all business on the premises relative to alcohol beverages.*

BUSINESS PLAN

Type of Establishment:

☐ Tavern ☐ Nightclub ☐Restaurant ☐ Liquor Store ☐ Grocery Store
☐ Convenience Store with gas pumps ☐ Convenience Store without gas pumps
☑ Other Festival / Event Venue

Hours of Operation: By event only

Anticipated Number of Employees:
20 including Directors

Method for training employees in alcohol beverage laws and requirements for employees to hold a beverage operator license: WI Responsible Beverage Sever Course and on-site training prior to events

Other Business to Be Conducted on Premise:

Estimated gross receipts for food and alcohol beverage sales by percentage.
(Note: Non-alcoholic drinks are classified as "Food.")

71 % Alcohol 22 % Food 7 % Other

If applicable, describe "Other": Merchandise

Estimated capacity (Class B and Class C licenses only):

Indoor _____ Outdoor, if applicable 20,000

Will there be any outdoor sales/service or consumption of alcohol? If yes, explain.
If yes, a beer garden license or outdoor dining permit is required.

Yes. Beverage consumption will take place under seasonal tents and pavilions.

Will there be live entertainment (music or dancing) on premise? If yes, explain.
If yes, a cabaret license is required.

Yes. We host community festivals and rental events.

Do you have off-street parking? ☑ Yes ☐ No

If yes, how many parking spaces? 100 There is public parking adjacent to our location

If no, how will parking be accommodated.

Provide a sketch of the floor plan showing overall dimensions, the areas of sales, consumption and storage, seating arrangements, location of coolers, and location where records are kept (invoices for purchase of alcohol).

Provide a site plan showing building location, any outside areas where alcohol beverages may be sold or consumed, off-street parking, ingress and egress, and existing or proposed screening.

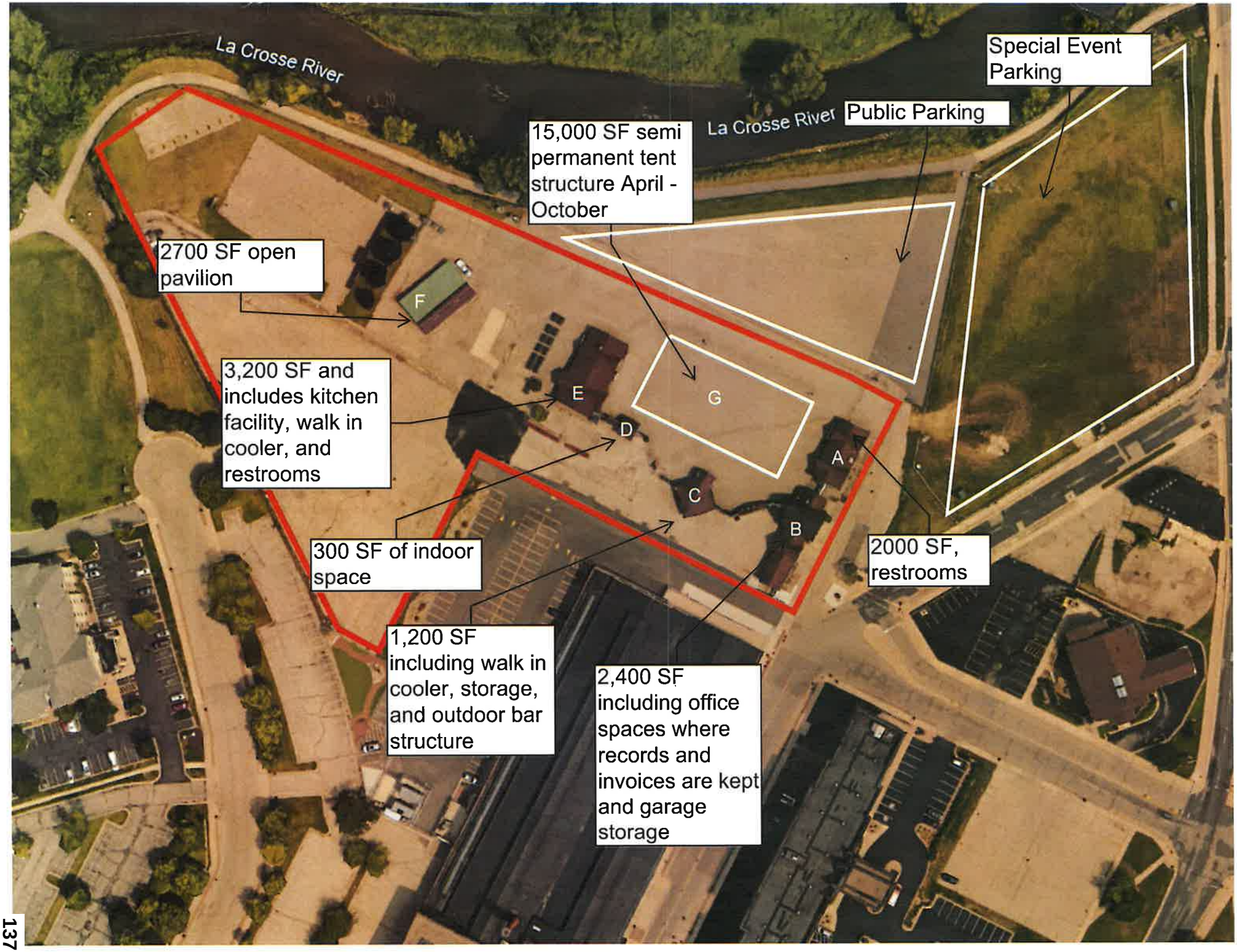
The information provided is true and correct to the best of my knowledge, I have reviewed the Alcohol Beverage Submittal Requirements and Information page and will comply with necessary requirements.

Jennifer Kiesmith 2/25/26

Signature **Date**

FOR OFFICE USE – City Clerk's Office checklist for complete applications

- ☐ Completed applications and fee
- ☐ Surrender of previous license, if applicable
- ☐ Lease, purchase agreement, or other proof of control of premise
- ☐ Contact Information Sheet
- ☐ Articles of Incorporation
- ☐ WI Seller's Permit Certificate (copy)
- ☐ FEIN (copy)
- ☐ Floor Plan
- ☐ Site Plan
- ☐ Proof of course completion or valid operator license or on other license within last two years.
- ☐ Confirm proximity to school, church or hospital
- ☐ Confirm proximity to land zoned residential or multiple dwelling


La Crosse River
La Crosse River
Special Event Parking
Public Parking
15,000 SF semi permanent tent structure April - October
2700 SF open pavilion
3,200 SF and includes kitchen facility, walk in cooler, and restrooms
300 SF of indoor space
1,200 SF including walk in cooler, storage, and outdoor bar structure
2,400 SF including office spaces where records and invoices are kept and garage storage
2000 SF, restrooms
A
B
C
D
E
F
G

Das Beste!
OKTOBERFEST USA™
LA CROSSE, WISCONSIN

March 12, 2026

RE: La Crosse Festivals, Inc. – 90-Day Activation Waiver Request

To whom it may concern,

Per section 4-44 of the Code of Ordinances for the City of La Crosse, we respectfully request permission to discontinue the sale of intoxicating liquor for more than 90 days during the license period as part of the license renewal application process.

Due to the nature of our business at 1 Oktoberfest Strasse, as an outdoor event venue, we will not operate events for more than 90 days during the winter months. We are a seasonal event venue and will not host events between November 1, 2026 and April 15, 2027.

Thank you,

Jennifer Krisnowich
President
La Crosse Festivals, Inc.

PO Box 1716 La Crosse, WI 608.784.3378 office@oktoberfestusa.com

Form **AB-200**

Alcohol Beverage License Application

For Municipal Use Only	
Municipality	
License Period	

License(s) Requested: (up to two boxes may be checked)

- ☐ Class "A" Beer . . . . . $ _____
- ☑ Class "B" Beer . . . . . $ _____
- ☐ "Class A" Liquor . . . . . $ _____
- ☑ "Class B" Liquor . . . . . $ _____
- ☐ "Class A" Liquor (cider only) $ _____
- ☐ Reserve "Class B" Liquor $ _____
- ☐ "Class C" Liquor (wine only) $ _____

Fees	
License Fees	$
Background Check Fee	$
Publication Fee	$
Total Fees	$

Part A: Premises/Business Information

1. Legal Business Name (individual name if sole proprietorship)
La Crosse Festivals, Inc.

2. Business Trade Name or DBA
Oktoberfest USA

3. FEIN
39-1050485

4. Wisconsin Seller's Permit Number
456-0000085667-04

5. Entity Type *(check one)*
☐ Sole Proprietor ☐ Partnership ☐ Limited Liability Company ☐ Corporation ☑ Nonprofit Organization

6. State of Organization
WI

7. Date of Organization
01/06/1966

8. Wisconsin DFI Registration Number
6L05928

9. Premises Address
1 Oktoberfest Strasse

10. City
La Crosse

11. State
WI

12. Zip Code
54601

13. County
La Crosse

14. Governing Municipality: ☑ City ☐ Town ☐ Village
of: La Crosse

15. Aldermanic District
12

16. Premises Phone
[redacted]

17. Premises Email
[redacted]

18. Website
oktoberfestusa.com

19. Premises Description - Describe the building or buildings where alcohol beverages are produced, sold, stored, or consumed, and related records are kept. Describe all rooms within the building, including living quarters. Authorized alcohol beverage activities and storage of records may occur only on the premises described in this application. Attach a map or diagram and additional sheets if necessary.

The premises is located at 1 Oktoberfest Strasse La Crosse, WI 54601 and includes six buildings, one pavilion, and a seasonal semi-permanent tent structure. Sales and storage would take place throughout the entire property. Building A is 2000 SF and consists of restroom facilties. Building B is 2,400 SF and includes office spaces where records and invoices are kept, and a garage for storage. Building C is 1200 SF and consists of a walk in cooler, storage, and an outdoor bar structure. Building D is 300 SF of indoor space. Building E is 3200 SF and inclues restrooms, kitchen facility, and walk in cooler. Building F is 2700 SF open pavilion. The semi-permanent tent strucure is 15,000 SF and is up between the months of April-October.

20. Mailing Address (if different from premises address)
PO Box 1716

21. City
La Crosse

22. State
WI

23. Zip Code
54602-1716

Part B: Questions

1. Has the business (sole proprietorship, partnership, limited liability company, or corporation) been convicted of violating federal or state laws or local ordinances? Exclude traffic offenses unless related to alcohol beverages. ☐ Yes ☑ No

If yes, list the details of violation below. Attach additional sheets if necessary.

Law/Ordinance Violated	Location	Trial Date
Penalty Imposed	Was sentence completed? . . . . . ☐ Yes ☐ No	
Law/Ordinance Violated	Location	Trial Date
Penalty Imposed	Was sentence completed? . . . . . ☐ Yes ☐ No	

2. Are charges for any offenses pending against the business? Exclude traffic offenses unless related to alcohol beverages. ☐ Yes ☑ No

If yes, describe the nature and status of pending charges using the space below. Attach additional sheets as needed.

3. Is the applicant business or any of its officers, directors, members, agent, employees, owners, or other related individuals or entities a restricted investor with any interest in an alcohol beverage producer or distributor? ☐ Yes ☑ No
If yes, provide the name of the restricted investor and describe the nature of the interest.

4. Is the applicant business owned by another business entity? ☐ Yes ☑ No
If yes, provide the name(s) and FEIN(s) of the business entity owners below. Attach additional sheets as needed.

4a. Name of Business Entity	4b. Business Entity FEIN

5. Have the partners, agent, or sole proprietor satisfied the responsible beverage server training requirement for this license period? Submit proof of completion. ☑ Yes ☐ No

6. Is the applicant business indebted to any wholesaler beyond 15 days for beer or 30 days for liquor/wine? ☐ Yes ☑ No

7. Does the applicant business owe past due municipal property taxes, assessments, or other fees? ☐ Yes ☑ No

Part C: Individual Information

List the name, title, and phone number for each person or entity holding the following positions in the applicant business or businesses listed in Part B, Question 4: sole proprietor, all officers, directors, and agent of a corporation or nonprofit organization, all partners of a partnership, and all members, managers, and agent of a limited liability company. Attach additional sheets if necessary.

Include Form AB-100 for each person listed below. Corporations and LLCs must appoint an agent by including Form AB-101.

Last Name	First Name	Title	Phone
See completed FormsAB100			

Part D: Attestation

One of the following must sign and attest to this application:

• sole proprietor • one general partner of a partnership • one corporate officer • one member of an LLC

READ CAREFULLY BEFORE SIGNING: Under penalty of law, I have answered each of the above questions completely and truthfully. I agree that I am acting solely on behalf of the applicant business and not on behalf of any other individual or entity seeking the license. Further, I agree that the rights and responsibilities conferred by the license(s), if granted, will not be assigned to another individual or entity. I agree to operate this business according to the law, including but not limited to, purchasing alcohol beverages from state authorized wholesalers. I understand that lack of access to any portion of a licensed premises during inspection will be deemed a refusal to allow inspection. Such refusal is a misdemeanor and grounds for revocation of this license. I understand that any license issued contrary to Wis. Stat. Chapter 125 shall be void under penalty of state law. I further understand that I may be prosecuted for submitting false statements and affidavits in connection with this application, and that any person who knowingly provides materially false information on this application may be required to forfeit not more than $1,000 if convicted.

Last Name	First Name	M.I.
Krisnowich	Jennifer	

Title	Email	Phone
President, Board of Directors	[redacted]	

Signature	Date
Jennifer Krisnowich	2/25/26

Part E: For Clerk Use Only

Date Application Was Filed With Clerk	License Number	Date License Granted	Date License Issued

Signature of Clerk/Deputy Clerk	Date Provisional License Issued (if applicable)

La Crosse Festivals, Inc. d.b.a. Oktoberfest USA

2026 Officers & Directors

AB100

✓ Jennifer Krisnowich	President
✓ Timothy Ehler	Vice President
✓ Candice Tlustosch	Treasurer
✓ Alex Wasieleski	Secretary
✓ Alex Lueck	Advisor
✓ Angela Jones	Director
✓ Angie Coenen	Director
✓ Beth O'Bryan	Director
✓ Elizabeth Mueller	Director
✓ Michael Quam	Director
✓ Michaela Smith	Director
✓ Nkenge Kirton	Director
✓ Nolan Martin	Director
✓ Ryan Bilskemper	Director
✓ Sam Furtak	Director
✓ Teresa Clark	Director

Form **AB-100**

Alcohol Beverage Individual Questionnaire

Date 02/02/2026

All individuals involved in the alcohol beverage business must complete this form, including:

- sole proprietor
- all partners of a partnership
- all officers, directors, and agent of a corporation or nonprofit organization
- members and agent of a limited liability company

Your alcohol beverage application or renewal is not complete until all required Individual Questionnaires are submitted.

Part A: Business Information

1. Legal Business Name (individual name if sole proprietor): La Crosse Festivals, Inc.

2. Business Trade Name or DBA: Oktoberfest USA

3. Entity Type *(check one)*: ☐ Sole Proprietor ☐ Partnership ☐ Limited Liability Company ☐ Corporation ☑ Nonprofit Organization

Part B: Individual Information

1. Last Name	2. First Name	3. M.I.
Krisnowich	Jennifer	L

4. Relationship to Business (Title)	5. Email	6. Phone
Board of Directors	[redacted]	[redacted]

7. Home Address: 3130 Beyer Road

8. City	9. State	10. Zip Code	11. Date of Birth
Onalaska	WI	54650	[redacted]

12. Drivers License/State ID Number	13. Drivers License/State ID State of Issuance
[redacted]	WI

Part C: Address History

1. Do you currently live in Wisconsin? ☑ Yes ☐ No

If yes, provide the month and year when you permanently moved to Wisconsin (MM/YYYY): 08/2017

2. List in chronological order all of your addresses within the last 5 years. Attach additional sheets if necessary.

Previous Address 1: 2735 Grand Ave	City: La Crosse	State: WI	Zip Code: 54603
Previous Address 2:	City:	State:	Zip Code:
Previous Address 3:	City:	State:	Zip Code:
Previous Address 4:	City:	State:	Zip Code:
Previous Address 5:	City:	State:	Zip Code:

3. List all states and counties you have lived in as an adult. Attach additional sheets if necessary.

State	County	State	County	State	County	State	County
WI	La Crosse	CO	Pitkin	WI	Trempealeau	WI	Milwaukee
State	County	State	County	State	County	State	County

Continued →

Part D: Criminal History

1. Have you ever been convicted of any offenses (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or of any county or municipal ordinances? . . . . . ☐ Yes ☑ No

If yes to question 1, please list details of each conviction below. Attach additional sheets as needed.

Law/Ordinance Violated	Location	Conviction Date
Penalty Imposed	Was sentence completed? . . . . . ☐ Yes ☐ No	
Law/Ordinance Violated	Location	Conviction Date
Penalty Imposed	Was sentence completed? . . . . . ☐ Yes ☐ No	
Law/Ordinance Violated	Location	Conviction Date
Penalty Imposed	Was sentence completed? . . . . . ☐ Yes ☐ No	

2. Are charges for any offenses currently pending against you (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or any county or municipal ordinances? . . . . . ☐ Yes ☑ No

If yes to question 2, describe nature and status of pending charges using the space below. Attach additional sheets as needed.

Part E: Attestation

READ CAREFULLY BEFORE SIGNING: Under penalty of law, I have answered each of the above questions completely and truthfully. I certify that I am not prohibited from participating in this business due to any involvement in another tier of the alcohol beverage industry as a restricted investor. I understand that any license issued contrary to Wis. Stat. Chapter 125 shall be void under penalty of state law. I further understand that I may be prosecuted for submitting false statements and affidavits in connection with this application, and that any person who knowingly provides materially false information on this application may be required to forfeit not more than $1,000 if convicted.

Signature	Date
Jennifer Krasnicki	2/2/26

Form **AB-100**

Alcohol Beverage Individual Questionnaire

Date

All individuals involved in the alcohol beverage business must complete this form, including:

- sole proprietor
- all partners of a partnership
- all officers, directors, and agent of a corporation or nonprofit organization
- members and agent of a limited liability company

Your alcohol beverage application or renewal is not complete until all required Individual Questionnaires are submitted.

Part A: Business Information

1. Legal Business Name (individual name if sole proprietor)
La Crosse Festivals, Inc.

2. Business Trade Name or DBA
Oktoberfest USA

3. Entity Type *(check one)*
☐ Sole Proprietor ☐ Partnership ☐ Limited Liability Company ☐ Corporation ☑ Nonprofit Organization

Part B: Individual Information

1. Last Name	2. First Name	3. M.I.
Ehler	Timothy	D.

4. Relationship to Business (Title)	5. Email	6. Phone
Board of Directors	[redacted]	

7. Home Address
W5871 Cedar Rd

8. City	9. State	10. Zip Code	11. Date of Birth
LaCrosse	WI	54601	[redacted]

12. Drivers License/State ID Number	13. Drivers License/State ID State of Issuance
[redacted]	State of Wisconsin

Part C: Address History

1. Do you currently live in Wisconsin? ☒ Yes ☐ No

If yes, provide the month and year when you permanently moved to Wisconsin — Born in Wisconsin — (MM/YYYY) 6-18-70

2. List in chronological order all of your addresses within the last 5 years. Attach additional sheets if necessary.

	City	State	Zip Code
Previous Address 1: Same as above			
Previous Address 2			
Previous Address 3			
Previous Address 4			
Previous Address 5			

3. List all states and counties you have lived in as an adult. Attach additional sheets if necessary.

State	County	State	County	State	County	State	County
WI	LaCrosse	WI	Vernon				

Continued →

Part D: Criminal History

1. Have you ever been convicted of any offenses (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or of any county or municipal ordinances? . . . . . ☐ Yes ☒ No

If yes to question 1, please list details of each conviction below. Attach additional sheets as needed.

Law/Ordinance Violated	Location	Conviction Date

Penalty Imposed	Was sentence completed? . . . . . ☐ Yes ☐ No

Law/Ordinance Violated	Location	Conviction Date

Penalty Imposed	Was sentence completed? . . . . . ☐ Yes ☐ No

Law/Ordinance Violated	Location	Conviction Date

Penalty Imposed	Was sentence completed? . . . . . ☐ Yes ☐ No

2. Are charges for any offenses currently pending against you (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or any county or municipal ordinances? . . . . . ☐ Yes ☒ No

If yes to question 2, describe nature and status of pending charges using the space below. Attach additional sheets as needed.

Part E: Attestation

READ CAREFULLY BEFORE SIGNING: Under penalty of law, I have answered each of the above questions completely and truthfully. I certify that I am not prohibited from participating in this business due to any involvement in another tier of the alcohol beverage industry as a restricted investor. I understand that any license issued contrary to Wis. Stat. Chapter 125 shall be void under penalty of state law. I further understand that I may be prosecuted for submitting false statements and affidavits in connection with this application, and that any person who knowingly provides materially false information on this application may be required to forfeit not more than $1,000 if convicted.

Signature	Date
[signature]	2-2-2026

Form **AB-100**

Alcohol Beverage Individual Questionnaire

Date

All individuals involved in the alcohol beverage business must complete this form, including:

- sole proprietor
- all partners of a partnership
- all officers, directors, and agent of a corporation or nonprofit organization
- members and agent of a limited liability company

Your alcohol beverage application or renewal is not complete until all required Individual Questionnaires are submitted.

Part A: Business Information

1. Legal Business Name (individual name if sole proprietor)
   La Crosse Festivals, Inc.
2. Business Trade Name or DBA
   Oktoberfest USA
3. Entity Type *(check one)*
   ☐ Sole Proprietor ☐ Partnership ☐ Limited Liability Company ☐ Corporation ☑ Nonprofit Organization

Part B: Individual Information

1. Last Name	2. First Name	3. M.I.
Tlustosch	Candice	CM

4. Relationship to Business (Title)	5. Email	6. Phone
Board of Directors	[redacted]	[redacted]

7. Home Address
   N4141 Ceresa Ct

8. City	9. State	10. Zip Code	11. Date of Birth
West Salem	WI	54669	[redacted]

12. Drivers License/State ID Number	13. Drivers License/State ID State of Issuance
[redacted]	WI

Part C: Address History

1. Do you currently live in Wisconsin? ..... ☑ Yes ☐ No

   If yes, provide the month and year when you permanently moved to Wisconsin ..... (MM/YYYY) 09/2002

2. List in chronological order all of your addresses within the last 5 years. Attach additional sheets if necessary.

	City	State	Zip Code
Previous Address 1			
Previous Address 2			
Previous Address 3			
Previous Address 4			
Previous Address 5			

3. List all states and counties you have lived in as an adult. Attach additional sheets if necessary.

State	County	State	County	State	County	State	County
WI	La Crosse	WI	Dane	MN	Scott	MN	Clay
ND	Cassq	MT	Sheridan				

Continued →

Part D: Criminal History

1. Have you ever been convicted of any offenses (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or of any county or municipal ordinances?..... ☐ Yes ☑ No

If yes to question 1, please list details of each conviction below. Attach additional sheets as needed.

Law/Ordinance Violated	Location	Conviction Date

Penalty Imposed	Was sentence completed?..... ☐ Yes ☐ No

Law/Ordinance Violated	Location	Conviction Date

Penalty Imposed	Was sentence completed?..... ☐ Yes ☐ No

Law/Ordinance Violated	Location	Conviction Date

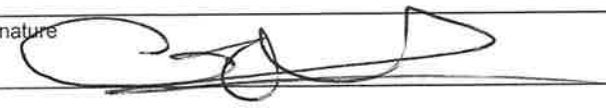
Penalty Imposed	Was sentence completed?..... ☐ Yes ☐ No

2. Are charges for any offenses currently pending against you (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or any county or municipal ordinances?..... ☐ Yes ☑ No

If yes to question 2, describe nature and status of pending charges using the space below. Attach additional sheets as needed.

Part E: Attestation

READ CAREFULLY BEFORE SIGNING: Under penalty of law, I have answered each of the above questions completely and truthfully. I certify that I am not prohibited from participating in this business due to any involvement in another tier of the alcohol beverage industry as a restricted investor. I understand that any license issued contrary to Wis. Stat. Chapter 125 shall be void under penalty of state law. I further understand that I may be prosecuted for submitting false statements and affidavits in connection with this application, and that any person who knowingly provides materially false information on this application may be required to forfeit not more than $1,000 if convicted.

Signature	Date
	2-2-26

Form **AB-100**

Alcohol Beverage Individual Questionnaire

Date 2/2/26

All individuals involved in the alcohol beverage business must complete this form, including:

- sole proprietor
- all partners of a partnership
- all officers, directors, and agent of a corporation or nonprofit organization
- members and agent of a limited liability company

Your alcohol beverage application or renewal is not complete until all required Individual Questionnaires are submitted.

Part A: Business Information

1. Legal Business Name (individual name if sole proprietor)
La Crosse Festivals, Inc.

2. Business Trade Name or DBA
Oktoberfest USA

3. Entity Type *(check one)*
☐ Sole Proprietor ☐ Partnership ☐ Limited Liability Company ☐ Corporation ☑ Nonprofit Organization

Part B: Individual Information

1. Last Name	2. First Name	3. M.I.
Wasieleski	Alexander	J

4. Relationship to Business (Title)	5. Email	6. Phone
Board of Directors	[redacted]	

7. Home Address
909 Division St

8. City	9. State	10. Zip Code	11. Date of Birth
La Crosse	WI	54601	[redacted]

12. Drivers License/State ID Number	13. Drivers License/State ID State of Issuance
[redacted]	WI

Part C: Address History

1. Do you currently live in Wisconsin? ☑ Yes ☐ No

If yes, provide the month and year when you permanently moved to Wisconsin (MM/YYYY) 08/2016

2. List in chronological order all of your addresses within the last 5 years. Attach additional sheets if necessary.

Previous Address 1: 908 Pine St	City: La Crosse	State: WI	Zip Code: 54601
Previous Address 2	City	State	Zip Code
Previous Address 3	City	State	Zip Code
Previous Address 4	City	State	Zip Code
Previous Address 5	City	State	Zip Code

3. List all states and counties you have lived in as an adult. Attach additional sheets if necessary.

State	County	State	County	State	County	State	County
State	County	State	County	State	County	State	County

Continued →

Part D: Criminal History

1. Have you ever been convicted of any offenses (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or of any county or municipal ordinances?..... ☐ Yes ☑ No

If yes to question 1, please list details of each conviction below. Attach additional sheets as needed.

Law/Ordinance Violated	Location	Conviction Date

Penalty Imposed	Was sentence completed?..... ☐ Yes ☐ No

Law/Ordinance Violated	Location	Conviction Date

Penalty Imposed	Was sentence completed?..... ☐ Yes ☐ No

Law/Ordinance Violated	Location	Conviction Date

Penalty Imposed	Was sentence completed?..... ☐ Yes ☐ No

2. Are charges for any offenses currently pending against you (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or any county or municipal ordinances?..... ☐ Yes ☑ No

If yes to question 2, describe nature and status of pending charges using the space below. Attach additional sheets as needed.

Part E: Attestation

READ CAREFULLY BEFORE SIGNING: Under penalty of law, I have answered each of the above questions completely and truthfully. I certify that I am not prohibited from participating in this business due to any involvement in another tier of the alcohol beverage industry as a restricted investor. I understand that any license issued contrary to Wis. Stat. Chapter 125 shall be void under penalty of state law. I further understand that I may be prosecuted for submitting false statements and affidavits in connection with this application, and that any person who knowingly provides materially false information on this application may be required to forfeit not more than $1,000 if convicted.

Signature	Date
Alex Nadzieleski	2/2/26

Form
AB-100

Alcohol Beverage Individual Questionnaire

Date 2/2/26

All individuals involved in the alcohol beverage business must complete this form, including:

- sole proprietor
- all partners of a partnership
- all officers, directors, and agent of a corporation or nonprofit organization
- members and agent of a limited liability company

Your alcohol beverage application or renewal is not complete until all required Individual Questionnaires are submitted.

Part A: Business Information

1. Legal Business Name (individual name if sole proprietor)
La Crosse Festivals, Inc.

2. Business Trade Name or DBA
Oktoberfest USA

3. Entity Type *(check one)*
☐ Sole Proprietor ☐ Partnership ☐ Limited Liability Company ☐ Corporation ☑ Nonprofit Organization

Part B: Individual Information

1. Last Name	2. First Name	3. M.I.
Lueck	Alex	J

4. Relationship to Business (Title)	5. Email	6. Phone
Board of Directors	[redacted]	

7. Home Address
710 13th Ave S

8. City	9. State	10. Zip Code	11. Date of Birth
Onalaska	WI	54650	[redacted]

12. Drivers License/State ID Number	13. Drivers License/State ID State of Issuance
[redacted]	WI

Part C: Address History

1. Do you currently live in Wisconsin? ☒ Yes ☐ No

If yes, provide the month and year when you permanently moved to Wisconsin (MM/YYYY) 09/2010

2. List in chronological order all of your addresses within the last 5 years. Attach additional sheets if necessary.

Previous Address 1	City	State	Zip Code
Previous Address 2	City	State	Zip Code
Previous Address 3	City	State	Zip Code
Previous Address 4	City	State	Zip Code
Previous Address 5	City	State	Zip Code

3. List all states and counties you have lived in as an adult. Attach additional sheets if necessary.

State	County	State	County	State	County	State	County
MN	Hennepin	WI	Monroe	WI	Pierce		
IL	DuPage	WI	LaCrosse				

Continued →

Part D: Criminal History

1. Have you ever been convicted of any offenses (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or of any county or municipal ordinances? . . . . . ☐ Yes ☒ No

If yes to question 1, please list details of each conviction below. Attach additional sheets as needed.

Law/Ordinance Violated	Location	Conviction Date
Penalty Imposed	Was sentence completed? . . . . . ☐ Yes ☐ No	
Law/Ordinance Violated	Location	Conviction Date
Penalty Imposed	Was sentence completed? . . . . . ☐ Yes ☐ No	
Law/Ordinance Violated	Location	Conviction Date
Penalty Imposed	Was sentence completed? . . . . . ☐ Yes ☐ No	

2. Are charges for any offenses currently pending against you (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or any county or municipal ordinances? . . . . . ☐ Yes ☒ No

If yes to question 2, describe nature and status of pending charges using the space below. Attach additional sheets as needed.

Part E: Attestation

READ CAREFULLY BEFORE SIGNING: Under penalty of law, I have answered each of the above questions completely and truthfully. I certify that I am not prohibited from participating in this business due to any involvement in another tier of the alcohol beverage industry as a restricted investor. I understand that any license issued contrary to Wis. Stat. Chapter 125 shall be void under penalty of state law. I further understand that I may be prosecuted for submitting false statements and affidavits in connection with this application, and that any person who knowingly provides materially false information on this application may be required to forfeit not more than $1,000 if convicted.

Signature	Date
Alex Lunak	2-2-26.

Form
AB-100

Alcohol Beverage Individual Questionnaire

Date

All individuals involved in the alcohol beverage business must complete this form, including:

- sole proprietor
- all partners of a partnership
- all officers, directors, and agent of a corporation or nonprofit organization
- members and agent of a limited liability company

Your alcohol beverage application or renewal is not complete until all required Individual Questionnaires are submitted.

Part A: Business Information

1. Legal Business Name (individual name if sole proprietor)
La Crosse Festivals, Inc.

2. Business Trade Name or DBA
Oktoberfest USA

3. Entity Type *(check one)*
☐ Sole Proprietor ☐ Partnership ☐ Limited Liability Company ☐ Corporation ☑ Nonprofit Organization

Part B: Individual Information

1. Last Name	2. First Name	3. M.I.
Jones	Angela	S

4. Relationship to Business (Title)	5. Email	6. Phone
Board of Directors	[redacted]	

7. Home Address
932 Oak Ave N

8. City	9. State	10. Zip Code	11. Date of Birth
Onalaska	WI	54650	[redacted]

12. Drivers License/State ID Number	13. Drivers License/State ID State of Issuance
[redacted]	WI

Part C: Address History

1. Do you currently live in Wisconsin? ☑ Yes ☐ No

If yes, provide the month and year when you permanently moved to Wisconsin (MM/YYYY) 05/1972

2. List in chronological order all of your addresses within the last 5 years. Attach additional sheets if necessary.

Previous Address 1	City	State	Zip Code
Previous Address 2	City	State	Zip Code
Previous Address 3	City	State	Zip Code
Previous Address 4	City	State	Zip Code
Previous Address 5	City	State	Zip Code

3. List all states and counties you have lived in as an adult. Attach additional sheets if necessary.

State	County	State	County	State	County	State	County
State	County	State	County	State	County	State	County

Continued →

Part D: Criminal History

1. Have you ever been convicted of any offenses (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or of any county or municipal ordinances?..... ☐ Yes ☒ No

If yes to question 1, please list details of each conviction below. Attach additional sheets as needed.

Law/Ordinance Violated	Location	Conviction Date

Penalty Imposed	Was sentence completed?..... ☐ Yes ☐ No

Law/Ordinance Violated	Location	Conviction Date

Penalty Imposed	Was sentence completed?..... ☐ Yes ☐ No

Law/Ordinance Violated	Location	Conviction Date

Penalty Imposed	Was sentence completed?..... ☐ Yes ☐ No

2. Are charges for any offenses currently pending against you (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or any county or municipal ordinances?..... ☐ Yes ☒ No

If yes to question 2, describe nature and status of pending charges using the space below. Attach additional sheets as needed.

Part E: Attestation

READ CAREFULLY BEFORE SIGNING: Under penalty of law, I have answered each of the above questions completely and truthfully. I certify that I am not prohibited from participating in this business due to any involvement in another tier of the alcohol beverage industry as a restricted investor. I understand that any license issued contrary to Wis. Stat. Chapter 125 shall be void under penalty of state law. I further understand that I may be prosecuted for submitting false statements and affidavits in connection with this application, and that any person who knowingly provides materially false information on this application may be required to forfeit not more than $1,000 if convicted.

Signature	Date
Angel Flores	1/29/2026

Form **AB-100**

Alcohol Beverage Individual Questionnaire

Date

All individuals involved in the alcohol beverage business must complete this form, including:

- sole proprietor
- all partners of a partnership
- all officers, directors, and agent of a corporation or nonprofit organization
- members and agent of a limited liability company

Your alcohol beverage application or renewal is not complete until all required Individual Questionnaires are submitted.

Part A: Business Information

1. Legal Business Name (individual name if sole proprietor)
La Crosse Festivals, Inc.

2. Business Trade Name or DBA
Oktoberfest USA

3. Entity Type *(check one)*
☐ Sole Proprietor ☐ Partnership ☐ Limited Liability Company ☐ Corporation ☑ Nonprofit Organization

Part B: Individual Information

1. Last Name	2. First Name	3. M.I.
Coenen	Angela	

4. Relationship to Business (Title)	5. Email	6. Phone
Board of Directors	[redacted]	

7. Home Address
17502Schaeferlane

8. City	9. State	10. Zip Code	11. Date of Birth
Richland Center	WI	53581	[redacted]

12. Drivers License/State ID Number	13. Drivers License/State ID State of Issuance
[redacted]	Wi

Part C: Address History

1. Do you currently live in Wisconsin? ☑ Yes ☐ No

If yes, provide the month and year when you permanently moved to Wisconsin (MM/YYYY) 03/2005

2. List in chronological order all of your addresses within the last 5 years. Attach additional sheets if necessary.

Previous Address 1	City	State	Zip Code
Previous Address 2	City	State	Zip Code
Previous Address 3	City	State	Zip Code
Previous Address 4	City	State	Zip Code
Previous Address 5	City	State	Zip Code

3. List all states and counties you have lived in as an adult. Attach additional sheets if necessary.

State	County	State	County	State	County	State	County
MN	Winona	MN					
State	County	State	County	State	County	State	County

Continued →

Part D: Criminal History

1. Have you ever been convicted of any offenses (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or of any county or municipal ordinances?..... ☐ Yes ☑ No

If yes to question 1, please list details of each conviction below. Attach additional sheets as needed.

Law/Ordinance Violated	Location	Conviction Date
Penalty Imposed	Was sentence completed?..... ☐ Yes ☐ No	
Law/Ordinance Violated	Location	Conviction Date
Penalty Imposed	Was sentence completed?..... ☐ Yes ☐ No	
Law/Ordinance Violated	Location	Conviction Date
Penalty Imposed	Was sentence completed?..... ☐ Yes ☐ No	

2. Are charges for any offenses currently pending against you (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or any county or municipal ordinances?..... ☐ Yes ☑ No

If yes to question 2, describe nature and status of pending charges using the space below. Attach additional sheets as needed.

Part E: Attestation

READ CAREFULLY BEFORE SIGNING: Under penalty of law, I have answered each of the above questions completely and truthfully. I certify that I am not prohibited from participating in this business due to any involvement in another tier of the alcohol beverage industry as a restricted investor. I understand that any license issued contrary to Wis. Stat. Chapter 125 shall be void under penalty of state law. I further understand that I may be prosecuted for submitting false statements and affidavits in connection with this application, and that any person who knowingly provides materially false information on this application may be required to forfeit not more than $1,000 if convicted.

Signature	Date
Angela J. Cover	2-2-26

Form
AB-100

Alcohol Beverage Individual Questionnaire

Date

All individuals involved in the alcohol beverage business must complete this form, including:

- sole proprietor
- all partners of a partnership
- all officers, directors, and agent of a corporation or nonprofit organization
- members and agent of a limited liability company

Your alcohol beverage application or renewal is not complete until all required Individual Questionnaires are submitted.

Part A: Business Information

1. Legal Business Name (individual name if sole proprietor)
La Crosse Festivals, Inc.

2. Business Trade Name or DBA
Oktoberfest USA

3. Entity Type *(check one)*
☐ Sole Proprietor ☐ Partnership ☐ Limited Liability Company ☐ Corporation ☑ Nonprofit Organization

Part B: Individual Information

1. Last Name	2. First Name	3. M.I.
O'Bryan	Elizabeth	

4. Relationship to Business (Title)	5. Email	6. Phone
Board of Directors	[redacted]	

7. Home Address
3022 23rd St. S.

8. City	9. State	10. Zip Code	11. Date of Birth
LaCrosse	WI	54601	[redacted]

12. Drivers License/State ID Number	13. Drivers License/State ID State of Issuance
[redacted]	WI

Part C: Address History

1. Do you currently live in Wisconsin? ☒ Yes ☐ No

If yes, provide the month and year when you permanently moved to Wisconsin (MM/YYYY) 10/1974

2. List in chronological order all of your addresses within the last 5 years. Attach additional sheets if necessary.

Previous Address 1	City	State	Zip Code
Previous Address 2	City	State	Zip Code
Previous Address 3	City	State	Zip Code
Previous Address 4	City	State	Zip Code
Previous Address 5	City	State	Zip Code

3. List all states and counties you have lived in as an adult. Attach additional sheets if necessary.

State	County	State	County	State	County	State	County
State	County	State	County	State	County	State	County

Continued →

Part D: Criminal History

1. Have you ever been convicted of any offenses (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or of any county or municipal ordinances? . . . . . ☐ Yes ☒ No

If yes to question 1, please list details of each conviction below. Attach additional sheets as needed.

Law/Ordinance Violated	Location	Conviction Date

Penalty Imposed	Was sentence completed? . . . . . ☐ Yes ☐ No

Law/Ordinance Violated	Location	Conviction Date

Penalty Imposed	Was sentence completed? . . . . . ☐ Yes ☐ No

Law/Ordinance Violated	Location	Conviction Date

Penalty Imposed	Was sentence completed? . . . . . ☐ Yes ☐ No

2. Are charges for any offenses currently pending against you (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or any county or municipal ordinances? . . . . . ☐ Yes ☒ No

If yes to question 2, describe nature and status of pending charges using the space below. Attach additional sheets as needed.

Part E: Attestation

READ CAREFULLY BEFORE SIGNING: Under penalty of law, I have answered each of the above questions completely and truthfully. I certify that I am not prohibited from participating in this business due to any involvement in another tier of the alcohol beverage industry as a restricted investor. I understand that any license issued contrary to Wis. Stat. Chapter 125 shall be void under penalty of state law. I further understand that I may be prosecuted for submitting false statements and affidavits in connection with this application, and that any person who knowingly provides materially false information on this application may be required to forfeit not more than $1,000 if convicted.

Signature	Date
Elizabeth O'Bryan	02/02/2026

Form **AB-100**

Alcohol Beverage Individual Questionnaire

Date 01/29/2026

All individuals involved in the alcohol beverage business must complete this form, including:

- sole proprietor
- all partners of a partnership
- all officers, directors, and agent of a corporation or nonprofit organization
- members and agent of a limited liability company

Your alcohol beverage application or renewal is not complete until all required Individual Questionnaires are submitted.

Part A: Business Information

1. Legal Business Name (individual name if sole proprietor)
La Crosse Festivals, Inc.

2. Business Trade Name or DBA
Oktoberfest USA

3. Entity Type *(check one)*
☐ Sole Proprietor ☐ Partnership ☐ Limited Liability Company ☐ Corporation ☑ Nonprofit Organization

Part B: Individual Information

1. Last Name	2. First Name	3. M.I.
Mueller	Elizabeth	A

4. Relationship to Business (Title)	5. Email	6. Phone
Board of Directors	[redacted]	

7. Home Address
2415 31St St S

8. City	9. State	10. Zip Code	11. Date of Birth
	WI	54601	[redacted]

12. Drivers License/State ID Number	13. Drivers License/State ID State of Issuance
[redacted]	WI

Part C: Address History

1. Do you currently live in Wisconsin? ☑ Yes ☐ No

If yes, provide the month and year when you permanently moved to Wisconsin (MM/YYYY) 10/1987

2. List in chronological order all of your addresses within the last 5 years. Attach additional sheets if necessary.

Previous Address 1: 2415 31St St S	City: La Crosse	State:	Zip Code:
Previous Address 2:	City:	State:	Zip Code:
Previous Address 3:	City:	State:	Zip Code:
Previous Address 4:	City:	State:	Zip Code:
Previous Address 5:	City:	State:	Zip Code:

3. List all states and counties you have lived in as an adult. Attach additional sheets if necessary.

State	County	State	County	State	County	State	County
	Rock	WI	Vernon	TX	Coryell	WI	Winnebago
State	County	State	County	State	County	State	County

Continued →

Part D: Criminal History

1. Have you ever been convicted of any offenses (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or of any county or municipal ordinances? ☐ Yes ☑ No

If yes to question 1, please list details of each conviction below. Attach additional sheets as needed.

Law/Ordinance Violated	Location	Conviction Date

Penalty Imposed	Was sentence completed? ☐ Yes ☐ No

Law/Ordinance Violated	Location	Conviction Date

Penalty Imposed	Was sentence completed? ☐ Yes ☐ No

Law/Ordinance Violated	Location	Conviction Date

Penalty Imposed	Was sentence completed? ☐ Yes ☐ No

2. Are charges for any offenses currently pending against you (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or any county or municipal ordinances? ☐ Yes ☑ No

If yes to question 2, describe nature and status of pending charges using the space below. Attach additional sheets as needed.

Part E: Attestation

READ CAREFULLY BEFORE SIGNING: Under penalty of law, I have answered each of the above questions completely and truthfully. I certify that I am not prohibited from participating in this business due to any involvement in another tier of the alcohol beverage industry as a restricted investor. I understand that any license issued contrary to Wis. Stat. Chapter 125 shall be void under penalty of state law. I further understand that I may be prosecuted for submitting false statements and affidavits in connection with this application, and that any person who knowingly provides materially false information on this application may be required to forfeit not more than $1,000 if convicted.

Signature	Date
B Mueller	01/29/2026

Form **AB-100**

Alcohol Beverage Individual Questionnaire

Date 02/02/2026

All individuals involved in the alcohol beverage business must complete this form, including:

- sole proprietor
- all partners of a partnership
- all officers, directors, and agent of a corporation or nonprofit organization
- members and agent of a limited liability company

Your alcohol beverage application or renewal is not complete until all required Individual Questionnaires are submitted.

Part A: Business Information

1. Legal Business Name (individual name if sole proprietor): La Crosse Festivals, Inc.
2. Business Trade Name or DBA: Oktoberfest USA
3. Entity Type *(check one)*: ☐ Sole Proprietor ☐ Partnership ☐ Limited Liability Company ☐ Corporation ☑ Nonprofit Organization

Part B: Individual Information

1. Last Name	2. First Name	3. M.I.
QUAM	MICHAEL	D.

4. Relationship to Business (Title)	5. Email	6. Phone
Board of Directors	[redacted]	

7. Home Address: 4524 NORTHBROOK RD.

8. City	9. State	10. Zip Code	11. Date of Birth
LA CROSSE	WI	54601	[redacted]

12. Drivers License/State ID Number	13. Drivers License/State ID State of Issuance
[redacted]	WI

Part C: Address History

1. Do you currently live in Wisconsin? ☒ Yes ☐ No

If yes, provide the month and year when you permanently moved to Wisconsin (MM/YYYY): 04/2016

2. List in chronological order all of your addresses within the last 5 years. Attach additional sheets if necessary.

	City	State	Zip Code
Previous Address 1			
Previous Address 2			
Previous Address 3			
Previous Address 4			
Previous Address 5			

3. List all states and counties you have lived in as an adult. Attach additional sheets if necessary.

State	County	State	County	State	County	State	County
WI	CRAWFORD	WI	LA CROSSE	WI	ST. CROIX	WI	WAUKESHA
MN	HOUSTON	MN	ST. LOUIS				

Continued →

Part D: Criminal History

1. Have you ever been convicted of any offenses (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or of any county or municipal ordinances? . . . . . ☐ Yes ☒ No

If yes to question 1, please list details of each conviction below. Attach additional sheets as needed.

Law/Ordinance Violated	Location	Conviction Date

Penalty Imposed	Was sentence completed? . . . . . ☐ Yes ☐ No

Law/Ordinance Violated	Location	Conviction Date

Penalty Imposed	Was sentence completed? . . . . . ☐ Yes ☐ No

Law/Ordinance Violated	Location	Conviction Date

Penalty Imposed	Was sentence completed? . . . . . ☐ Yes ☐ No

2. Are charges for any offenses currently pending against you (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or any county or municipal ordinances? . . . . . ☐ Yes ☒ No

If yes to question 2, describe nature and status of pending charges using the space below. Attach additional sheets as needed.

Part E: Attestation

READ CAREFULLY BEFORE SIGNING: Under penalty of law, I have answered each of the above questions completely and truthfully. I certify that I am not prohibited from participating in this business due to any involvement in another tier of the alcohol beverage industry as a restricted investor. I understand that any license issued contrary to Wis. Stat. Chapter 125 shall be void under penalty of state law. I further understand that I may be prosecuted for submitting false statements and affidavits in connection with this application, and that any person who knowingly provides materially false information on this application may be required to forfeit not more than $1,000 if convicted.

Signature	Date
	02-02-2026

Form **AB-100**

Alcohol Beverage Individual Questionnaire

Date 2/2/26

All individuals involved in the alcohol beverage business must complete this form, including:

- sole proprietor
- all partners of a partnership
- all officers, directors, and agent of a corporation or nonprofit organization
- members and agent of a limited liability company

Your alcohol beverage application or renewal is not complete until all required Individual Questionnaires are submitted.

Part A: Business Information

1. Legal Business Name (individual name if sole proprietor)
   La Crosse Festivals, Inc.
2. Business Trade Name or DBA
   Oktoberfest USA
3. Entity Type *(check one)*
   ☐ Sole Proprietor ☐ Partnership ☐ Limited Liability Company ☐ Corporation ☑ Nonprofit Organization

Part B: Individual Information

1. Last Name	2. First Name	3. M.I.
Smith	Michaela	M

4. Relationship to Business (Title)	5. Email	6. Phone
Board of Directors	[redacted]	

7. Home Address: 100 Church Dr.

8. City	9. State	10. Zip Code	11. Date of Birth
La Crosse	WI	54603	[redacted]

12. Drivers License/State ID Number	13. Drivers License/State ID State of Issuance
	WI

Part C: Address History

1. Do you currently live in Wisconsin? ☑ Yes ☐ No

   If yes, provide the month and year when you permanently moved to Wisconsin (MM/YYYY) 02/1989

2. List in chronological order all of your addresses within the last 5 years. Attach additional sheets if necessary.

	City	State	Zip Code
Previous Address 1: 100 Church Dr	La Crosse	WI	54603
Previous Address 2			
Previous Address 3			
Previous Address 4			
Previous Address 5			

3. List all states and counties you have lived in as an adult. Attach additional sheets if necessary.

State	County	State	County	State	County	State	County
WI	La Crosse	WI	Burron				
WI	Dunn	MN	Scott				

Continued →

Part D: Criminal History

1. Have you ever been convicted of any offenses (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or of any county or municipal ordinances? . . . . . ☐ Yes ☒ No

If yes to question 1, please list details of each conviction below. Attach additional sheets as needed.

Law/Ordinance Violated	Location	Conviction Date

Penalty Imposed	Was sentence completed? . . . . . ☐ Yes ☐ No

Law/Ordinance Violated	Location	Conviction Date

Penalty Imposed	Was sentence completed? . . . . . ☐ Yes ☐ No

Law/Ordinance Violated	Location	Conviction Date

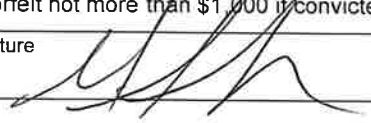
Penalty Imposed	Was sentence completed? . . . . . ☐ Yes ☐ No

2. Are charges for any offenses currently pending against you (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or any county or municipal ordinances? . . . . . ☐ Yes ☒ No

If yes to question 2, describe nature and status of pending charges using the space below. Attach additional sheets as needed.

Part E: Attestation

READ CAREFULLY BEFORE SIGNING: Under penalty of law, I have answered each of the above questions completely and truthfully. I certify that I am not prohibited from participating in this business due to any involvement in another tier of the alcohol beverage industry as a restricted investor. I understand that any license issued contrary to Wis. Stat. Chapter 125 shall be void under penalty of state law. I further understand that I may be prosecuted for submitting false statements and affidavits in connection with this application, and that any person who knowingly provides materially false information on this application may be required to forfeit not more than $1,000 if convicted.

Signature	Date
	02/02/2026

Form
AB-100

Alcohol Beverage Individual Questionnaire

Date

All individuals involved in the alcohol beverage business must complete this form, including:

- sole proprietor
- all partners of a partnership
- all officers, directors, and agent of a corporation or nonprofit organization
- members and agent of a limited liability company

Your alcohol beverage application or renewal is not complete until all required Individual Questionnaires are submitted.

Part A: Business Information

1. Legal Business Name (individual name if sole proprietor)
La Crosse Festivals, Inc.

2. Business Trade Name or DBA
Oktoberfest USA

3. Entity Type *(check one)*
☐ Sole Proprietor ☐ Partnership ☐ Limited Liability Company ☐ Corporation ☑ Nonprofit Organization

Part B: Individual Information

1. Last Name	2. First Name	3. M.I.
KIRTON	NKENGE	

4. Relationship to Business (Title)	5. Email	6. Phone
Board of Directors	[redacted]	

7. Home Address
420 5TH AVENUE S. APT 309

8. City	9. State	10. Zip Code	11. Date of Birth
LA CROSSE	WI	54601	[redacted]

12. [redacted]	13. Drivers License/State ID State of Issuance
[redacted]	WISCONSIN

Part C: Address History

1. Do you currently live in Wisconsin? ... YES ☐ Yes ☐ No

If yes, provide the month and year when you permanently moved to Wisconsin ... (MM/YYYY)

2. List in chronological order all of your addresses within the last 5 years. Attach additional sheets if necessary.

Previous Address 1	City	State	Zip Code
Previous Address 2	City	State	Zip Code
Previous Address 3	City	State	Zip Code
Previous Address 4	City	State	Zip Code
Previous Address 5	City	State	Zip Code

3. List all states and counties you have lived in as an adult. Attach additional sheets if necessary.

State	County	State	County	State	County	State	County
MD	BALTIMORE						
WI	MILWAUKEE						

Continued ⟶

Part D: Criminal History

1. Have you ever been convicted of any offenses (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or of any county or municipal ordinances? ☐ Yes ☑ No

If yes to question 1, please list details of each conviction below. Attach additional sheets as needed.

Law/Ordinance Violated	Location	Conviction Date
Penalty Imposed	Was sentence completed? ☐ Yes ☐ No	
Law/Ordinance Violated	Location	Conviction Date
Penalty Imposed	Was sentence completed? ☐ Yes ☐ No	
Law/Ordinance Violated	Location	Conviction Date
Penalty Imposed	Was sentence completed? ☐ Yes ☐ No	

2. Are charges for any offenses currently pending against you (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or any county or municipal ordinances? ☐ Yes ☑ No

If yes to question 2, describe nature and status of pending charges using the space below. Attach additional sheets as needed.

Part E: Attestation

READ CAREFULLY BEFORE SIGNING: Under penalty of law, I have answered each of the above questions completely and truthfully. I certify that I am not prohibited from participating in this business due to any involvement in another tier of the alcohol beverage industry as a restricted investor. I understand that any license issued contrary to Wis. Stat. Chapter 125 shall be void under penalty of state law. I further understand that I may be prosecuted for submitting false statements and affidavits in connection with this application, and that any person who knowingly provides materially false information on this application may be required to forfeit not more than $1,000 if convicted.

Signature	Date
N. Kinnard	Feb 2, 2026

Form **AB-100**

Alcohol Beverage Individual Questionnaire

Date 7-9-26

All individuals involved in the alcohol beverage business must complete this form, including:

- sole proprietor
- all partners of a partnership
- all officers, directors, and agent of a corporation or nonprofit organization
- members and agent of a limited liability company

Your alcohol beverage application is not complete until all required Individual Questionnaires are submitted.

Part A: Business Information

1. Legal Business Name (individual name if sole proprietor): La Crosse Festivals Inc
2. Business Trade Name or DBA: Oktober Fest
3. Entity Type *(check one)*: ☐ Sole Proprietor ☐ Partnership ☐ Limited Liability Company ☐ Corporation ☒ Nonprofit Organization

Part B: Individual Information

1. Last Name	2. First Name	3. M.I.
Martin	Nolan	M

4. Relationship to Business (Title)	5. Email	6. Phone
Board Member	[redacted]	

7. Home Address: 205 10th st S

8. City	9. State	10. Zip Code	11. Date of Birth
La Crosse	WI	54601	[redacted]

12. Driver's License/State ID Number	13. Driver's License/State ID State of Issuance
[redacted]	WI

Part C: Address History

1. Do you currently live in Wisconsin? ☒ Yes ☐ No

If yes, provide the month and year when you permanently moved to Wisconsin (MM/YYYY): 10/1999

2. List in chronological order all of your addresses **within the last 5 years.** Attach additional sheets if necessary.

Previous Address 1: W26899 Reit Lane	City: Arcadia	State: WI	Zip Code: 54650
Previous Address 2: 1281 21 Helm st	City: Cameron	State: WI	Zip Code: 54822
Previous Address 3	City	State	Zip Code
Previous Address 4	City	State	Zip Code
Previous Address 5	City	State	Zip Code

3. List all states and counties you have lived in as an adult. Attach additional sheets if necessary.

State	County	State	County	State	County	State	County
State	County	State	County	State	County	State	County

Continued →

Part D: Criminal History

1. Have you ever been convicted of any offenses (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or of any county or municipal ordinances? ..... ☐ Yes ☑ No

If yes to question 1, please list details of each conviction below. Attach additional sheets as needed.

Law/Ordinance Violated	Location	Conviction Date

Penalty Imposed	Was sentence completed? ..... ☐ Yes ☐ No

Law/Ordinance Violated	Location	Conviction Date

Penalty Imposed	Was sentence completed? ..... ☐ Yes ☐ No

Law/Ordinance Violated	Location	Conviction Date

Penalty Imposed	Was sentence completed? ..... ☐ Yes ☐ No

2. Are charges for any offenses currently pending against you (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or any county or municipal ordinances? ..... ☐ Yes ☑ No

If yes to question 2, describe nature and status of pending charges using the space below. Attach additional sheets as needed.

Part E: Attestation

READ CAREFULLY BEFORE SIGNING: Under penalty of law, I have answered each of the above questions completely and truthfully. I certify that I am not prohibited from participating in this business due to any involvement in another tier of the alcohol beverage industry as a restricted investor. I understand that any license issued contrary to Wis. Stat. Chapter 125 shall be void under penalty of state law. I further understand that I may be prosecuted for submitting false statements and affidavits in connection with this application, and that any person who knowingly provides materially false information on this application may be required to forfeit not more than $1,000 if convicted.

Signature	Date
[signature]	3-9-26

Form **AB-100**

Alcohol Beverage Individual Questionnaire

Date 2-2-26

All individuals involved in the alcohol beverage business must complete this form, including:

- sole proprietor
- all partners of a partnership
- all officers, directors, and agent of a corporation or nonprofit organization
- members and agent of a limited liability company

Your alcohol beverage application or renewal is not complete until all required Individual Questionnaires are submitted.

Part A: Business Information

1. Legal Business Name (individual name if sole proprietor)
La Crosse Festivals, Inc.

2. Business Trade Name or DBA
Oktoberfest USA

3. Entity Type *(check one)*
☐ Sole Proprietor ☐ Partnership ☐ Limited Liability Company ☐ Corporation ☑ Nonprofit Organization

Part B: Individual Information

1. Last Name	2. First Name	3. M.I.
Biskemper	Ryan	R

4. Relationship to Business (Title)	5. Email	6. Phone
Board of Directors	[redacted]	

7. Home Address
1625 Weston ST

8. City	9. State	10. Zip Code	11. Date of Birth
La Crosse	WI	54601	[redacted]

12. Drivers License/State ID Number	13. Drivers License/State ID State of Issuance
[redacted]	WI

Part C: Address History

1. Do you currently live in Wisconsin? ☒ Yes ☐ No

If yes, provide the month and year when you permanently moved to Wisconsin (MM/YYYY)

2. List in chronological order all of your addresses within the last 5 years. Attach additional sheets if necessary.

Previous Address 1: 406 Campbell CT	City: La Crosse	State: WI	Zip Code: 54602
Previous Address 2: 302 4th ST South #3	City: La Crosse	State: WI	Zip Code: 54601
Previous Address 3	City	State	Zip Code
Previous Address 4	City	State	Zip Code
Previous Address 5	City	State	Zip Code

3. List all states and counties you have lived in as an adult. Attach additional sheets if necessary.

State	County	State	County	State	County	State	County
WI	La Crosse	[illegible]					
WI	Waukesha	MN	Houston				

Continued →

Part D: Criminal History

1. Have you ever been convicted of any offenses (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or of any county or municipal ordinances? ..... ☒ Yes ☐ No

If yes to question 1, please list details of each conviction below. Attach additional sheets as needed.

Law/Ordinance Violated	Location	Conviction Date
OWI 1	LaCrosse	7-9-2006
Penalty Imposed	**Was sentence completed?**	
Fine	☒ Yes ☐ No	
Law/Ordinance Violated	**Location**	**Conviction Date**
OWI 2	Holmen	5-23-2012
Penalty Imposed	**Was sentence completed?**	
Yes, Fine Jail	☒ Yes ☐ No	
Law/Ordinance Violated	**Location**	**Conviction Date**
Penalty Imposed	**Was sentence completed?**	
	☐ Yes ☐ No	

2. Are charges for any offenses currently pending against you (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or any county or municipal ordinances? ..... ☐ Yes ☒ No

If yes to question 2, describe nature and status of pending charges using the space below. Attach additional sheets as needed.

Part E: Attestation

READ CAREFULLY BEFORE SIGNING: Under penalty of law, I have answered each of the above questions completely and truthfully. I certify that I am not prohibited from participating in this business due to any involvement in another tier of the alcohol beverage industry as a restricted investor. I understand that any license issued contrary to Wis. Stat. Chapter 125 shall be void under penalty of state law. I further understand that I may be prosecuted for submitting false statements and affidavits in connection with this application, and that any person who knowingly provides materially false information on this application may be required to forfeit not more than $1,000 if convicted.

Signature	Date
[signature]	2-2-26

Form **AB-100**

Alcohol Beverage Individual Questionnaire

Date 02/02/2026

All individuals involved in the alcohol beverage business must complete this form, including:

- sole proprietor
- all partners of a partnership
- all officers, directors, and agent of a corporation or nonprofit organization
- members and agent of a limited liability company

Your alcohol beverage application or renewal is not complete until all required Individual Questionnaires are submitted.

Part A: Business Information

1. Legal Business Name (individual name if sole proprietor): La Crosse Festivals, Inc.

2. Business Trade Name or DBA: Oktoberfest USA

3. Entity Type *(check one)*: ☐ Sole Proprietor ☐ Partnership ☐ Limited Liability Company ☐ Corporation ☑ Nonprofit Organization

Part B: Individual Information

1. Last Name	2. First Name	3. M.I.
Furtak	Samuel	R

4. Relationship to Business (Title)	5. Email	6. Phone
Board of Directors	[redacted]	

7. Home Address: E3409 Brinkman Ridge Rd

8. City	9. State	10. Zip Code	11. Date of Birth
Coon Valley	WI	54623	[redacted]

12. Drivers License/State ID Number	13. Drivers License/State ID State of Issuance
[redacted]	WI

Part C: Address History

1. Do you currently live in Wisconsin? ☑ Yes ☐ No

If yes, provide the month and year when you permanently moved to Wisconsin (MM/YYYY): 07/2021

2. List in chronological order all of your addresses within the last 5 years. Attach additional sheets if necessary.

Previous Address 1: E3409 Brinkman Ridge Rd	City: Coon Valley	State: WI	Zip Code: 54623
Previous Address 2: 1500 Park Ave	City: St Charles	State: MN	Zip Code: 55972
Previous Address 3:	City:	State:	Zip Code:
Previous Address 4:	City:	State:	Zip Code:
Previous Address 5:	City:	State:	Zip Code:

3. List all states and counties you have lived in as an adult. Attach additional sheets if necessary.

State	County	State	County	State	County	State	County
WI	La Crosse	WI	Vernon	MN	Winona	WI	Ashland
WI	Marathon						

Continued →

Part D: Criminal History

1. Have you ever been convicted of any offenses (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or of any county or municipal ordinances? ☑ Yes ☐ No

If yes to question 1, please list details of each conviction below. Attach additional sheets as needed.

Law/Ordinance Violated	Location	Conviction Date
Operating While Intoxicated	La Crosse, WI	05/15/2015
Penalty Imposed: License Revoked	Was sentence completed? ☑ Yes ☐ No	
Law/Ordinance Violated	Location	Conviction Date
Penalty Imposed	Was sentence completed? ☐ Yes ☐ No	
Law/Ordinance Violated	Location	Conviction Date
Penalty Imposed	Was sentence completed? ☐ Yes ☐ No	

2. Are charges for any offenses currently pending against you (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or any county or municipal ordinances? ☐ Yes ☑ No

If yes to question 2, describe nature and status of pending charges using the space below. Attach additional sheets as needed.

Part E: Attestation

READ CAREFULLY BEFORE SIGNING: Under penalty of law, I have answered each of the above questions completely and truthfully. I certify that I am not prohibited from participating in this business due to any involvement in another tier of the alcohol beverage industry as a restricted investor. I understand that any license issued contrary to Wis. Stat. Chapter 125 shall be void under penalty of state law. I further understand that I may be prosecuted for submitting false statements and affidavits in connection with this application, and that any person who knowingly provides materially false information on this application may be required to forfeit not more than $1,000 if convicted.

Signature	Date
[signature]	2/2/2026

Form
AB-100

Alcohol Beverage Individual Questionnaire

Date

All individuals involved in the alcohol beverage business must complete this form, including:

- sole proprietor
- all partners of a partnership
- all officers, directors, and agent of a corporation or nonprofit organization
- members and agent of a limited liability company

Your alcohol beverage application or renewal is not complete until all required Individual Questionnaires are submitted.

Part A: Business Information

1. Legal Business Name (individual name if sole proprietor)
La Crosse Festivals, Inc.

2. Business Trade Name or DBA
Oktoberfest USA

3. Entity Type *(check one)*
☐ Sole Proprietor ☐ Partnership ☐ Limited Liability Company ☐ Corporation ☑ Nonprofit Organization

Part B: Individual Information

1. Last Name	2. First Name	3. M.I.
Clark	Teresa	M

4. Relationship to Business (Title)	5. Email	6. Phone
Board of Directors	[redacted]	[redacted]

7. Home Address
1208 Pine St.

8. City	9. State	10. Zip Code	11. Date of Birth
Onalaska	WI	54650	[redacted]

12. Drivers License/State ID Number	13. Drivers License/State ID State of Issuance
[redacted]	WI

Part C: Address History

1. Do you currently live in Wisconsin? ☑ Yes ☐ No

If yes, provide the month and year when you permanently moved to Wisconsin (MM/YYYY) 04/28/82

2. List in chronological order all of your addresses within the last 5 years. Attach additional sheets if necessary.

	City	State	Zip Code
Previous Address 1			
Previous Address 2			
Previous Address 3			
Previous Address 4			
Previous Address 5			

3. List all states and counties you have lived in as an adult. Attach additional sheets if necessary.

State	County	State	County	State	County	State	County
WI	Washburn	WI	Barron	WI	Chippewa	WI	La Crosse

Continued →

Part D: Criminal History

1. Have you ever been convicted of any offenses (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or of any county or municipal ordinances? ☐ Yes ☑ No

If yes to question 1, please list details of each conviction below. Attach additional sheets as needed.

Law/Ordinance Violated	Location	Conviction Date

Penalty Imposed | Was sentence completed? ☐ Yes ☐ No

Law/Ordinance Violated	Location	Conviction Date

Penalty Imposed | Was sentence completed? ☐ Yes ☐ No

Law/Ordinance Violated	Location	Conviction Date

Penalty Imposed | Was sentence completed? ☐ Yes ☐ No

2. Are charges for any offenses currently pending against you (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or any county or municipal ordinances? ☐ Yes ☑ No

If yes to question 2, describe nature and status of pending charges using the space below. Attach additional sheets as needed.

Part E: Attestation

READ CAREFULLY BEFORE SIGNING: Under penalty of law, I have answered each of the above questions completely and truthfully. I certify that I am not prohibited from participating in this business due to any involvement in another tier of the alcohol beverage industry as a restricted investor. I understand that any license issued contrary to Wis. Stat. Chapter 125 shall be void under penalty of state law. I further understand that I may be prosecuted for submitting false statements and affidavits in connection with this application, and that any person who knowingly provides materially false information on this application may be required to forfeit not more than $1,000 if convicted.

Signature	Date
Susan M. Clark	2/2/26

Form
AB-101

Alcohol Beverage Appointment of Agent

Date

Agent Type *(check one)*

☑ Original (no fee) ☐ Successor ($10 fee for municipal licensees only)

Part A: Business Information

1. Legal Business Name (individual name if sole proprietor)
La Crosse Festivals, Inc.

2. Business Trade Name or DBA
Oktoberfest USA

3. Entity Type *(check one)*
☐ Limited Liability Company ☐ Corporation ☑ Nonprofit Organization

4. Alcohol Beverage Business Authorization *(check one)*
☑ Municipal Retail License ☐ State Permit

5. If successor agent, provide State Permit or Municipal Retail License Number

6. Describe the reason for appointing a successor agent, if successor is checked above.

Part B: Agent Information

1. Last Name	2. First Name	3. M.I.
Krisnowich	Jennifer	L

4. Email [redacted]

5. Phone [redacted]

6. Home Address
3130 Beyer Road

7. City	8. State	9. Zip Code	10. Date of Birth
Onalaska	WI	54650	[redacted]

11. Drivers License/State ID Number [redacted]

12. Drivers License/State ID State of Issuance
WI

Part C: Agent Questions

1. Have you satisfied the responsible beverage server training requirement? Submit proof of completion. ☑ Yes ☐ No

2. Have you completed Form AB-100, *Alcohol Beverage Individual Questionnaire* (licensee) or Form AB-300, *Alcohol Beverage Personal Questionnaire* (permittee)? ☑ Yes ☐ No

3. Have you been a Wisconsin resident for at least 90 continuous days? See instructions for exceptions. ☑ Yes ☐ No

Continued →

Part D: Business Attestation

READ CAREFULLY BEFORE SIGNING: I, the **Undersigned**, authorize the above-named individual to act for the above-named corporation, nonprofit organization, or limited liability company with full authority and control of the premises and of all alcohol beverage activities on such premises. I certify that I am authorized by the above-named entity to authorize this individual to act on behalf of the entity. If I am appointing a successor agent, I rescind all previous agent appointments for this premises. Further, I understand that I may be prosecuted for submitting false statements and affidavits in connection with this application, and that any person who knowingly provides materially false information on this application may be required to forfeit not more than $1,000 if convicted.

Last Name	First Name	M.I.
Krisnowich	Jennifer	L

Title	Email	Phone
Board President	[redacted]	

Signature	Date
Jennifer Krisnowich	2/25/26

Part E: Agent Attestation

READ CAREFULLY BEFORE SIGNING: I, the **Agent**, hereby accept this appointment as agent for the above-named corporation, nonprofit organization, or limited liability company and assume full responsibility for the conduct of all alcohol beverage activities on the premises for the above-named business. I further understand that I may be prosecuted for submitting false statements and affidavits in connection with this application, and that any person who knowingly provides materially false information on this application may be required to forfeit not more than $1,000 if convicted.

Last Name	First Name	M.I.
Krisnowich	Jennifer	L

Signature	Date
Jennifer Krisnowich	2/25/26

Form **AB-101**

Alcohol Beverage Appointment of Agent

Date:

Agent Type *(check one)*

☐ Original (no fee) ☑ Successor ($10 fee for municipal licensees only)

Part A: Business Information

1. Legal Business Name (individual name if sole proprietor)
Kwik Trip, Inc.

2. Business Trade Name or DBA
Kwik Trip 829

3. Entity Type *(check one)* ☐ Limited Liability Company ■ Corporation ☐ Nonprofit Organization

4. Alcohol Beverage Business Authorization *(check one)* ■ Municipal Retail License ☐ State Permit

5. If successor agent, provide State Permit or Municipal Retail License Number

6. Describe the reason for appointing a successor agent, if successor is checked above.
New manager assigned to oversee thestore.

Part B: Agent Information

1. Last Name	2. First Name	3. M.I.
Libotte III	George	W.

4. Email [redacted] 5. Phone

6. Home Address
1604 9th St. S.

7. City	8. State	9. Zip Code	10. Date of Birth
La Crosse	WI	54601	[redacted]

11. Drivers License/State ID Number [redacted] 12. Drivers License/State ID State of Issuance WI

Part C: Agent Questions

1. Have you satisfied the responsible beverage server training requirement? Submit proof of completion. ■ Yes ☐ No

2. Have you completed Form AB-100, *Alcohol Beverage Individual Questionnaire* (licensee) or Form AB-300, *Alcohol Beverage Personal Questionnaire* (permittee)? ■ Yes ☐ No

3. Have you been a Wisconsin resident for at least 90 continuous days? See instructions for exceptions. ■ Yes ☐ No

Continued →

Part D: Business Attestation

READ CAREFULLY BEFORE SIGNING: I, the **Undersigned**, authorize the above-named individual to act for the above-named corporation, nonprofit organization, or limited liability company with full authority and control of the premises and of all alcohol beverage activities on such premises. I certify that I am authorized by the above-named entity to authorize this individual to act on behalf of the entity. If I am appointing a successor agent, I rescind all previous agent appointments for this premises. Further, I understand that I may be prosecuted for submitting false statements and affidavits in connection with this application, and that any person who knowingly provides materially false information on this application may be required to forfeit not more than $1,000 if convicted.

Last Name	First Name	M.I.
Zietlow	Scott	P.

Title	Email	Phone
CEO/President	[redacted]	[redacted]

Signature	Date
Scott P. Zietlow	3/2/26

Part E: Agent Attestation

READ CAREFULLY BEFORE SIGNING: I, the **Agent**, hereby accept this appointment as agent for the above-named corporation, nonprofit organization, or limited liability company and assume full responsibility for the conduct of all alcohol beverage activities on the premises for the above-named business. I further understand that I may be prosecuted for submitting false statements and affidavits in connection with this application, and that any person who knowingly provides materially false information on this application may be required to forfeit not more than $1,000 if convicted.

Last Name	First Name	M.I.
Libotte III	George	W.

Signature	Date
[signature]	03/03/26

Form **AB-100**

Alcohol Beverage Individual Questionnaire

Date

All individuals involved in the alcohol beverage business must complete this form, including:

- sole proprietor
- all partners of a partnership
- all officers, directors, and agent of a corporation or nonprofit organization
- members and agent of a limited liability company.

Your alcohol beverage application or renewal is not complete until all required Individual Questionnaires are submitted.

Part A: Business Information

1. Legal Business Name (individual name if sole proprietor)
Kwik Trip, Inc.

2. Business Trade Name or DBA
Kwik Trip 829

3. Entity Type *(check one)*
☐ Sole Proprietor ☐ Partnership ☐ Limited Liability Company ☒ Corporation ☐ Nonprofit Organization

Part B: Individual Information

1. Last Name	2. First Name	3. M.I.
Libotte III	George	W.

4. Relationship to Business (Title)	5. Email	6. Phone
Agent	[redacted]	[redacted]

7. Home Address
1604 9th St. S.

8. City	9. State	10. Zip Code	11. Date of Birth
La Crosse	WI	54601	[redacted]

12. Drivers License/State ID Number	13. Drivers License/State ID State of Issuance
[redacted]	WI

Part C: Address History

1. Do you currently live in Wisconsin? ☒ Yes ☐ No

If yes, provide the month and year when you permanently moved to Wisconsin (MM/YYYY): 01/2021

2. List in chronological order all of your addresses within the last 5 years. Attach additional sheets if necessary.

	City	State	Zip Code
Previous Address 1: 1604 9th St. S.	La Crosse	WI	54601
Previous Address 2: 3170 35th St. S.	La Crosse	WI	54601
Previous Address 3: 555 Red Apple Dr.	La Crescent	MN	55947
Previous Address 4:			
Previous Address 5:			

3. List all states and counties you have lived in as an adult. Attach additional sheets if necessary.

State	County	State	County	State	County	State	County
WI	La Crosse	MN	Houston	TX	Harris	FL	Broward

Continued →

Part D: Criminal History

1. Have you ever been convicted of any offenses (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or of any county or municipal ordinances? ☐ Yes ☒ No

If yes to question 1, please list details of each conviction below. Attach additional sheets as needed.

Law/Ordinance Violated	Location	Conviction Date

Penalty Imposed: | Was sentence completed? ☐ Yes ☐ No

Law/Ordinance Violated	Location	Conviction Date

Penalty Imposed: | Was sentence completed? ☐ Yes ☐ No

Law/Ordinance Violated	Location	Conviction Date

Penalty Imposed: | Was sentence completed? ☐ Yes ☐ No

2. Are charges for any offenses currently pending against you (excluding traffic offenses unless related to alcohol beverages) for violation of any federal, Wisconsin, or another state's laws or any county or municipal ordinances? ☐ Yes ☒ No

If yes to question 2, describe nature and status of pending charges using the space below. Attach additional sheets as needed.

Part E: Attestation

READ CAREFULLY BEFORE SIGNING: Under penalty of law, I have answered each of the above questions completely and truthfully. I certify that I am not prohibited from participating in this business due to any involvement in another tier of the alcohol beverage industry as a restricted investor. I understand that any license issued contrary to Wis. Stat. Chapter 125 shall be void under penalty of state law. I further understand that I may be prosecuted for submitting false statements and affidavits in connection with this application, and that any person who knowingly provides materially false information on this application may be required to forfeit not more than $1,000 if convicted.

Signature: [signature] Date: 03/03/26

Save Print Clear

Form **AB-105**

Producer Full-Service Retail Sales Application

Date 03/19/2026

Part A: Producer Information

1. Business Legal Name (individual name if sole proprietor): Driftless Pure LLC

2. Business Name or DBA: La Crosse Distilling Company

3. Agent Name: Driftless Pure LLC / Mitchell Parr

4. FEIN: 81-4904048

5. Wisconsin Seller's Permit Number: 312-1029759176-05

6. Wisconsin Producer Permit Number: 312-1029759176-05

7. Producer Type: ☐ Brewery ☐ Winery ☑ Liquor Manufacturer/Rectifier

8. Contact Person's First Name: Angela

9. Last Name: Weber

10. M.I.: M

11. Contact Person's Phone:

12. Contact Person's Email:

Part B: Production Quantity

Note: Check appropriate quantity for permit held (see instructions). If you hold more than one producer permit, check the total aggregate quantity produced for each type of permit. Enter the highest quantity produced in any of the last three calendar years.

Brewery	Manufacturer/Rectifier	Winery
☑ Less than 250 barrels	☐ Less than 1,500 liters	☑ Less than 1,000 gallons
☐ 250 - 2,499 barrels	☐ 1,500 - 4,999 liters	☐ 1,000 - 4,999 gallons
☐ 2,500 - 7,499 barrels	☐ 5,000 - 34,999 liters	☐ 5,000 - 24,999 gallons
☐ 7,500 or more barrels	☑ 35,000 or more liters	☐ 25,000 or more gallons
Calendar year: 2025	Calendar year: 2025	Calendar year:
Quantity: 80	Quantity: 98,012L	Quantity:

Complete only ONE of Part C, D or E.

Part C: Request for Full-Service Retail Sales at the Production Premises

1. Start Date:

2. Production Premises Address:

3. City:

4. State:

5. Zip Code:

6. County:

7. Governing Municipality ☐ City ☐ Town ☐ Village of: _____

Part D: Request for Fixed Full-Service Retail Outlet

1. Are you transferring one fixed full-service retail outlet to a new location? . . . . . ☑ Yes ☐ No
If yes, complete boxes 2 through 9.

2. Current Outlet Name: The Cargill Room

3. Current Outlet Premises Address: 332 Front Street

4. City: La Crosse

5. State: WI

6. Zip Code: 54601

7. County: La Crosse

8. Governing Municipality ☑ City ☐ Town ☐ Village of: La Crosse

9. Premises Phone Number: (608) 782-5400

Continued →

Part D: Request for Fixed Full-Service Retail Outlet (Cont.)

New Fixed Retail Outlet Information (complete boxes 10 through 23)

10. Start Date	11. New Outlet Name		
05/01/2026	The Cargill Room		
12. New Outlet Premises Address			
332 Front Street			
13. City		14. State	15. Zip Code
La Crosse		WI	54601
16. County	17. Governing Municipality ☑ City ☐ Town ☐ Village		18. Premises Phone Number
La Crosse	of: La Crosse		(608) 782-5400

19. Premises Description - Describe the building or buildings and any outside areas where alcohol beverages are produced, sold, stored, or consumed, and related records are kept. Describe all rooms within the building, including living quarters. Authorized alcohol beverage activities and storage of records may occur only on the premises described in this application. Attach a map or diagram and additional sheets if necessary.

The Cargill Room is comprised of one banquet room, terrace, kitchen and storage space located on the first floor of the 332 Front Street Building. Beer, wine, and intoxicating liquor will be sold on for on-premise consumption in the banquet room and will be available for consumption in the banquet room and terrace.

20. Will you operate a restaurant on the premises? . . . . . ☐ Yes ☑ No

21. What alcohol beverages will be offered for sale? (check all that apply) . . . . . ☑ Beer ☑ Wine ☑ Intoxicating Liquor (other than wine)

22. What alcohol beverages does the permittee produce? (check all that apply) ☑ Beer ☐ Wine ☑ Intoxicating Liquor (other than wine)

23. How will customers be served? (check all that apply) . . . ☐ Samples ☑ On-premises consumption ☐ Off-premises consumption

Part E: Request for Unlimited Transfer Full-Service Retail Outlet

1. Name of Event (if applicable)			
2. Dates of Operation (attach a schedule, if necessary)	3. Hours of Operation		
4. Premises Address			
5. City		6. State	7. Zip Code
8. County	9. Governing Municipality ☐ City ☐ Town ☐ Village		
	of:		
10. Organizer of Event (if not the named applicant)	11. Email and/or Phone Number for Organizer of Event		
12. Organizer Website	13. Event Website		

14. Premises Description - Describe the building or buildings and any outside areas where alcohol beverages are produced, sold, stored, or consumed, and related records are kept. Describe all rooms within the building, including living quarters. Authorized alcohol beverage activities and storage of records may occur only on the premises described in this application. Attach a map or diagram and additional sheets if necessary.

15. On-Site Contact (Last Name, First Name)	16. On-Site Contact Phone	17. On-Site Contact Email

18. Will you operate a restaurant on the premises? . . . . . ☐ Yes ☐ No

19. What alcohol beverages will be offered for sale? (check all that apply) . . . . . ☐ Beer ☐ Wine ☐ Intoxicating Liquor (other than wine)

20. What alcohol beverages does the permittee produce? (check all that apply) ☐ Beer ☐ Wine ☐ Intoxicating Liquor (other than wine)

21. How will customers be served? (check all that apply) . . . ☐ Samples ☐ On-premises consumption ☐ Off-premises consumption

Part F: Attestation

Who must sign this application?

• sole proprietor • general partner of a partnership • corporate officer • member of an LLC

READ CAREFULLY BEFORE SIGNING:

I understand and agree to the following:

- I will not operate this location outside of the dates and times approved by the municipality and Division of Alcohol Beverages.
- I will operate this location according to municipal ordinance and restrictions imposed as a condition of receiving this authorization.
- I will purchase alcohol beverages I do not produce from an authorized source, such as a Wisconsin-permitted wholesaler.
- I will operate this location according to Wisconsin law and administrative regulation including but not limited to: underage restrictions, closing hours, licensed operators, and record keeping requirements.

Further, under penalty of law, I have answered each of the above questions completely and truthfully. I agree that I am acting solely on behalf of the applicant business and not on behalf of any other individual or entity seeking the authorization. Further, I agree that the rights and responsibilities conferred by the authorization, if granted, will not be assigned to another individual or entity. I understand that lack of access to any portion of a premises during inspection will be deemed a refusal to allow inspection. Such refusal is a misdemeanor and grounds for revocation of this authorization. I understand that any authorization issued contrary to Wis. Stats. Chapter 125 shall be void under penalty of Wisconsin law. I further understand that I may be prosecuted for submitting false statements and affidavits in connection with this application, and that any person who knowingly provides materially false information on this application may be required to forfeit not more than $1,000 if convicted.

Signature	Date
	03/19/2026

Last Name	First Name	M.I.
Parr	Mitchell	

Title	Email	Phone
DOR Agent & Distiller		

Part G: For Municipal Use Only (Complete if Requesting Authorization in Part D or E)

1. Will the municipality limit the scope of alcohol beverages offered for sale? . . . . . ☐ Yes ☐ No

2. Will the municipality impose any requirements or restrictions for the full-service retail outlet? . . . . . ☐ Yes ☐ No

3. Describe municipal restrictions indicated in questions 1 or 2 above.

4. Last Name of Municipal Official	5. First Name	6. M.I.

7. Signature of Municipal Official	8. Date

9. Date Application was Filed with Clerk	10. Date Full-Service Retail Outlet Approved by Governing Body

City of La Crosse, Wisconsin

ORIGINAL ALCOHOL LICENSE APPLICATION INFORMATION SUBMITTAL

Rev. 10/2025

(Ch. 4, secs. 4-72 & 4-142)

All new applicants for an alcohol license pursuant to Chapter 4 of the La Crosse Municipal Code shall submit the following information with the original alcohol applications. Any false statement contained in such application shall automatically nullify any license issued pursuant thereto.

Applications will not be accepted until all of the information is complete and necessary documents provided.

TYPE OF LICENSE(S) REQUESTED

Class A: ☐ Beer, ☐ Liquor
Class B: ☐ Beer, ☐ Liquor
Class C: ☐ Wine

X Full-Service Retail Outlet - permit issued by the Department of Revenue
Location approved by the municipality

APPLICANT

Legal Business Name *(Corporation, LLC, Sole Proprietor, Partnership)*:	**Trade Name:**
Driftless Pure LLC	La Crosse Distilling Co.

Address: Street	City	State	Zip Code
332 Front St S	La Crosse	WI	54601

Telephone Number:	**Email:**	**Website:**
[redacted]		lacrossedistilling.co

ACTIVE USE OF LICENSE

☒ *I understand that if a license is granted, said license **must be activated within 90 days of being granted** pursuant to Municipal Code secs. 4-43 and 4-108. This means open for business with stock and equipment.*

Anticipated Date of Opening: May 1, 2026

NA ☐ *I understand that if a license is granted, said license shall be actively utilized pursuant to Municipal Code sec. 4-12. Actively utilized shall mean open for business with regular and consistent operating hours. If a license is not actively used throughout any 90-day period, the license shall be subject to revocation or suspension pursuant to sec. 4-82.*

NA ☐ *I understand that **if there is any change to the license or licensee information**, including but not limited to change in officers/members/directors or agent or their address/phone number, change in hours of operation, etc., **the City Clerk will be notified within 30 days** pursuant to Wis. Stat. sec. 125.04(3)(h).*

CORPORATIONS/LLCs – AGENT QUALIFICATIONS & RESPONSIBILITIES
(N/A for Sole Proprietors and Partnerships)

NA ☐ *I understand that as an officer of the applicant corporation or member of the applicant limited liability company, the appointed alcohol license agent shall meet the requirements of Wis. Stat. Ch. 125 and, in addition, shall have resided within the State of Wisconsin continuously for 90 days prior to the date of application and shall reside within a 25-mile radius of the City limits at the time of application and at all times such individual shall be the appointed agent. Further, the appointed agent is an individual who is regularly involved in the actual conduct of the business and has full authority and control of the premises described and of the conduct of all business on the premises relative to alcohol beverages.*

BUSINESS PLAN

Type of Establishment:

☐ Tavern ☐ Nightclub ☐Restaurant ☐ Liquor Store ☐ Grocery Store
☐ Convenience Store with gas pumps ☐ Convenience Store without gas pumps
☑ Other Event Center

Hours of Operation: Thursday - Sunday 12pm - 12am

Anticipated Number of Employees:
10

Method for training employees in alcohol beverage laws and requirements for employees to hold a beverage operator license: Safe Serve

Other Business to Be Conducted on Premise:
Street parking and public ramps

Estimated gross receipts for food and alcohol beverage sales by percentage.
(Note: Non-alcoholic drinks are classified as "Food.")
Distillery is the beverage operator only

100 % Alcohol _____ % Food _____ % Other

If applicable, describe "Other": _____

Estimated capacity (Class B and Class C licenses only):

Indoor 400 Outdoor, if applicable 130

Will there be any outdoor sales/service or consumption of alcohol? If yes, explain.
If yes, a beer garden license or outdoor dining permit is required.
There is a terrace space attached to the banquet room where consumption of alcohol will be permited

Will there be live entertainment (music or dancing) on premise? If yes, explain.
If yes, a cabaret license is required.
Yes - Indoor and Outdoor Cabaret license held by Riverside Center II LLC

Do you have off-street parking? ☐ Yes ☑ No

If yes, how many parking spaces? _____

If no, how will parking be accommodated. Street parking and public ramps

Provide a sketch of the floor plan showing overall dimensions, the areas of sales, consumption and storage, seating arrangements, location of coolers, and location where records are kept (invoices for purchase of alcohol).

Provide a site plan showing building location, any outside areas where alcohol beverages may be sold or consumed, off-street parking, ingress and egress, and existing or proposed screening.

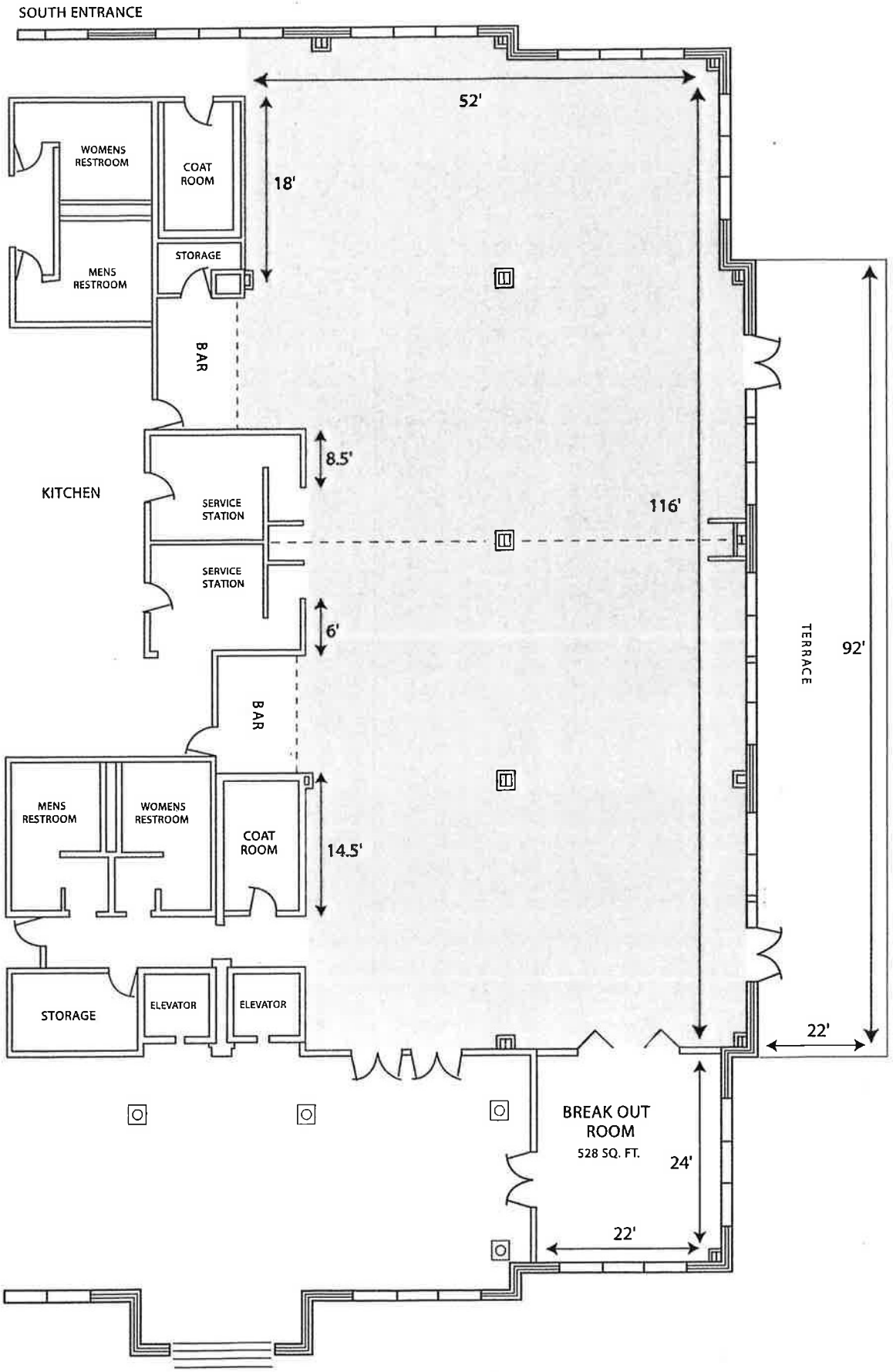
The information provided is true and correct to the best of my knowledge, I have reviewed the Alcohol Beverage Submittal Requirements and Information page and will comply with necessary requirements.

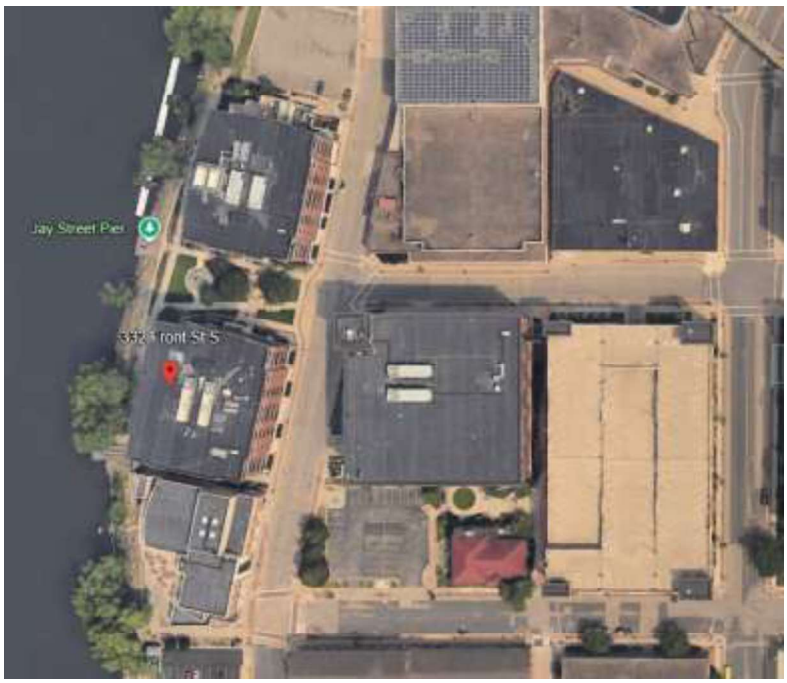
Mitchell Parr Mitchell Parr 3.19.2026

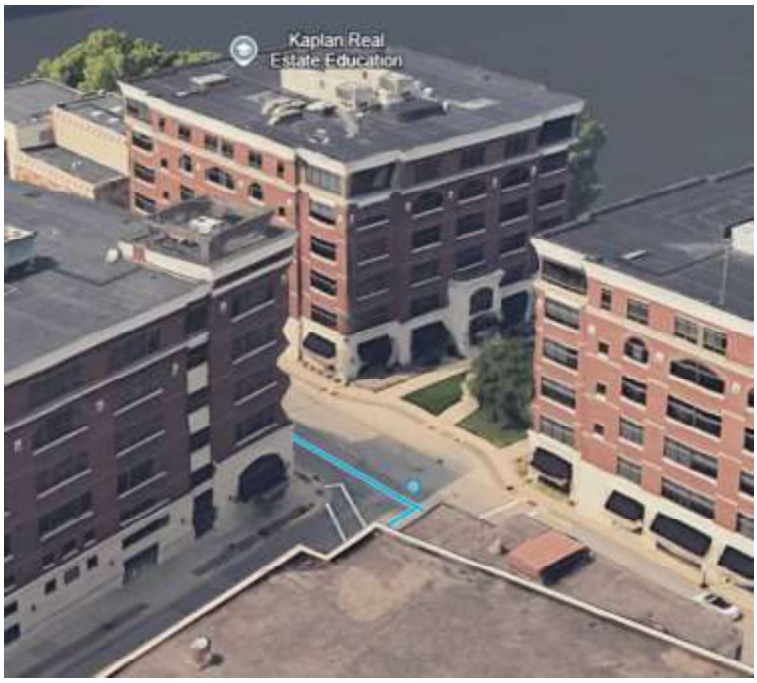
Signature **Date**

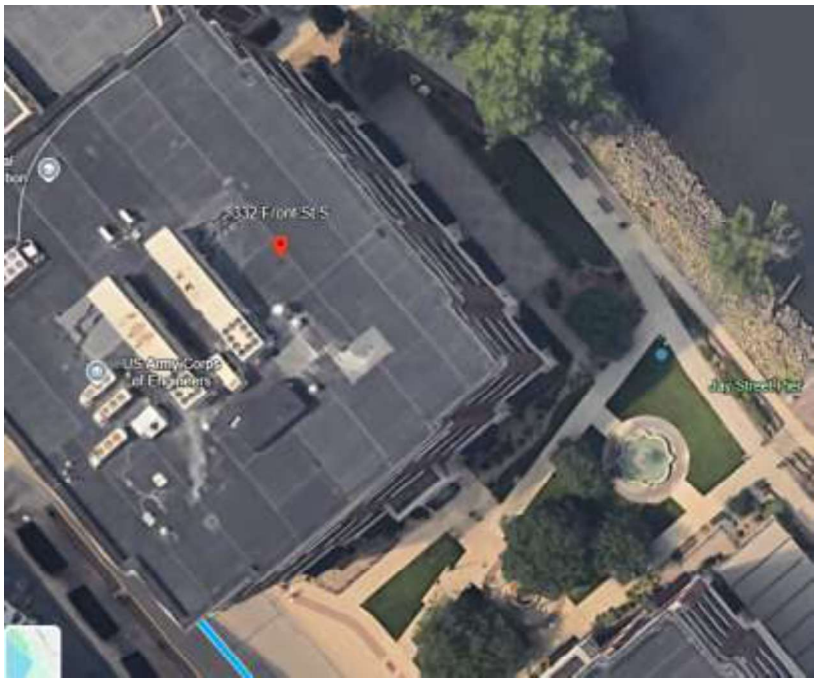
FOR OFFICE USE – City Clerk's Office checklist for complete applications

☐ Completed applications and fee
☐ Surrender of previous license, if applicable
☐ Lease, purchase agreement, or other proof of control of premise
☐ Contact Information Sheet
☐ Articles of Incorporation
☐ WI Seller's Permit Certificate (copy)
☐ FEIN (copy)
☐ Floor Plan
☐ Site Plan
☐ Proof of course completion or valid operator license or on other license within last two years.
☐ Confirm proximity to school, church or hospital
☐ Confirm proximity to land zoned residential or multiple dwelling


SOUTH ENTRANCE
52'
WOMENS RESTROOM
COAT ROOM
18'
STORAGE
MENS RESTROOM
BAR
8.5'
KITCHEN
SERVICE STATION
SERVICE STATION
116'
6'
BAR
MENS RESTROOM
WOMENS RESTROOM
COAT ROOM
14.5'
STORAGE
ELEVATOR
ELEVATOR
TERRACE
92'
MISSISSIPPI RIVER
22'
BREAK OUT ROOM
528 SQ. FT.
24'
22'


Jay Street Pier
332 Front St S


Kaplan Real
Estate Education


332 Front St S
US Army Corps
of Engineers
Jay Street Pier

Office of City Clerk

VOLUNTARY SURRENDER OF LICENSE

I, Elizabeth Weber, member of Riverside Center II LLC, do hereby voluntarily surrender the Combination "Class B" Beer and Liquor License for the premises known as The Cargill Room, 332 Front St S in the City of La Crosse, La Crosse County, Wisconsin effective May 1, 2026.

I voluntarily and freely do hereby waive my right to a nonrenewal or revocation hearing.

Dated this 19th day of March 2026.

Signature

Printed Name: Elizabeth Weber

Revision 1/21/2020

City of La Crosse, Wisconsin

APPLICATION FOR *OUTDOOR* CABARET LICENSE

Check One: ☑ New ☐ Renewal For the license period _____ to _____ Fee: $ $200

BUSINESS INFORMATION*

Legal/Real Name:
La Crosse Festivals, Inc.

Address of Above: Street	City	State	Zip Code
PO Box 1716	Onalaska	WI	54650

PREMISES INFORMATION

Trade Name of Business:
Oktoberfest USA

Address of premises to be Licensed:	**Business Phone Number:**
1 Oktoberfest Strasse La Crosse, WI 54601	[redacted]

Premises are Owned By:
JJAWC North LLC

Address of Owner: Street	City	State	Zip Code
509 2nd St N, Suite 201	Onalaska	WI	54650

CABARET INFORMATION

Detailed description of cabaret area to be licensed:
The current Oktoberfest Grounds located at 1 Oktoberfest Strasse La Crosse, WI 54601. The fenced in Grounds include 200,000 SF of asphalt with seasonal tents, pavilions, and buildings used for events during the months of April-October each year.

Nature of Entertainment:
Live music

Other Business Conducted upon the premises:
La Crosse Festivals, Inc. office and meeting rooms.

MANAGER INFORMATION*

Cabaret Manager Name: First	Middle	Last
Hannah	Lynn	Skibba Amundson

Cabaret Manager Home Address: Street	City	State	Zip Code
810 Park Ave	La Crosse	WI	54601

Home Phone Number of Cabaret Manager:	**Daytime Phone Number of Cabaret Manager:**
[redacted]	

Was the above person listed as manager on last year's application?
☐ Yes ☐ No New application in 2026

***Personal Data Sheet must be completed for each Officer/Member of the Business and the Manager.**

The above hereby makes application for a license to operate an Outdoor Cabaret at the above address within the City of La Crosse pursuant to provisions of Chapter 10, Article IV of the Code of Ordinances for the City of La Crosse.

[signature] 2/26/2026

Signature of Applicant Date

OFFICE USE ONLY

For original application:
Attach a list of all property owners within 200 feet of the proposed licensed premises.

Signature:	**Date:**	**Granted:**	**License #:**

NOTICE OF APPLICATION FOR INDOOR CABARET LICENSE IN THE CITY OF LA CROSSE

This is to notify you that the following business has applied for an **Outdoor Cabaret** license under Chapter 10, Article IV of the Code of Ordinances of the City of La Crosse to allow live entertainment in a designated outdoor area, as described below.

Pursuant to sec. 10-140, property owners within 200 feet of the proposed premises for an Outdoor Cabaret License shall receive notice of an original application.

La Crosse Festivals Inc dba Oktoberfest USA
at 1 Oktoberfest Strasse, La Crosse, WI 54601

Outdoor Cabaret description: Fenced grounds including 200,000 sq. ft. of asphalt with seasonal tents, pavilions, and buildings used for events during the months of April-October each year.

This application will be considered at the following meetings which are held in the Council Chambers of La Crosse City Hall, 400 La Crosse Street:

Judiciary and Administration Committee – Tuesday, March 31, 2026 at 6:00 p.m.
Common Council – Thursday, April 9, 2026 at 6:00 p.m.

The meeting can be viewed (no participation) by visiting the Legislative Information Center Meetings calendar (https://cityoflacrosse.legistar.com/Calendar.aspx) - find the scheduled meeting and click on the "In Progress" video link to the far right in the meeting list.

Written comments may be submitted to the City Clerk's Office by emailing cityclerk@cityoflacrosse.org, by delivery or mail to City Clerk, 400 La Crosse Street, La Crosse WI 54601 or by deposit in the green drop box on the north side of City Hall.

This notice is given pursuant to the order of the Common Council of the City of La Crosse.

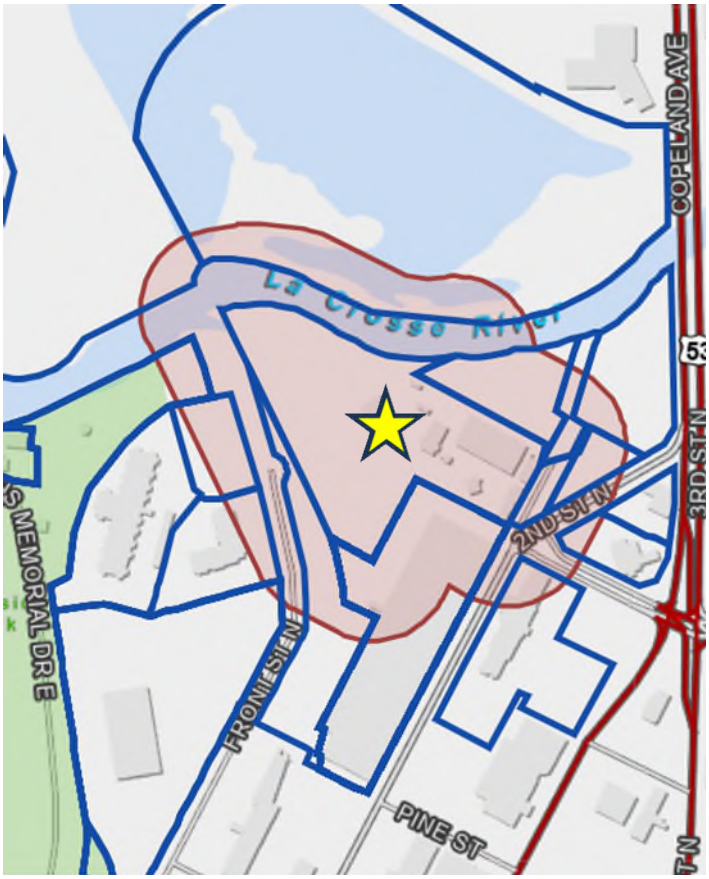
Dated this 18th day of March 2026.

Nikki M. Elsen, WCMC
City Clerk

Alicia Smithburg
Assistant Clerk

Please note:
Properties within 200 feet of the outdoor cabaret are shown outlined in blue.

OwnerName
CompleteAddress
MailCityStateZip



Personal Data Sheet

(Please PRINT All Information)

Each Officer/Member **AND** Manager/Person in Charge must complete all the information and must indicate if they have been convicted of any of the following within the last ten (10) years: a felony, a misdemeanor, a statutory violation punishable by forfeiture or a county or municipal ordinance violation. If none, write "none".

MANAGER/PERSON IN CHARGE

Name: First	Middle	Last
Hannah	Lynn	Skibba Amundson

Home Address: Street	City	State	Zip Code
810 Park Ave	Onalaska	WI	54650

Phone Number:	**Email:**	**Date of Birth:** (mm/dd/yyyy)
[redacted]		

Violations:
None

OFFICER/MEMBER

Name: First	Middle	Last
Jennifer	L	Krisnowich

Home Address: Street	City	State	Zip Code
3130 Beyer Road	Onalaska	WI	54650

Phone Number:	**Email:**	**Date of Birth:** (mm/dd/yyyy)
[redacted]		

Violations:
None

OFFICER/MEMBER

Name: First	Middle	Last
Timothy	D	Ehler

Home Address: Street	City	State	Zip Code
W5871 Cedar Road	La Crosse	WI	54601

Phone Number:	**Email:**	**Date of Birth:** (mm/dd/yyyy)
[redacted]		

Violations:
None

OFFICER/MEMBER

Name: First	Middle	Last
Candice	CM	Tlustosch

Home Address: Street	City	State	Zip Code
N4141 Ceresa Ct.	West Salem	WI	54669

Phone Number:	**Email:**	**Date of Birth:** (mm/dd/yyyy)
[redacted]		

Violations:
None

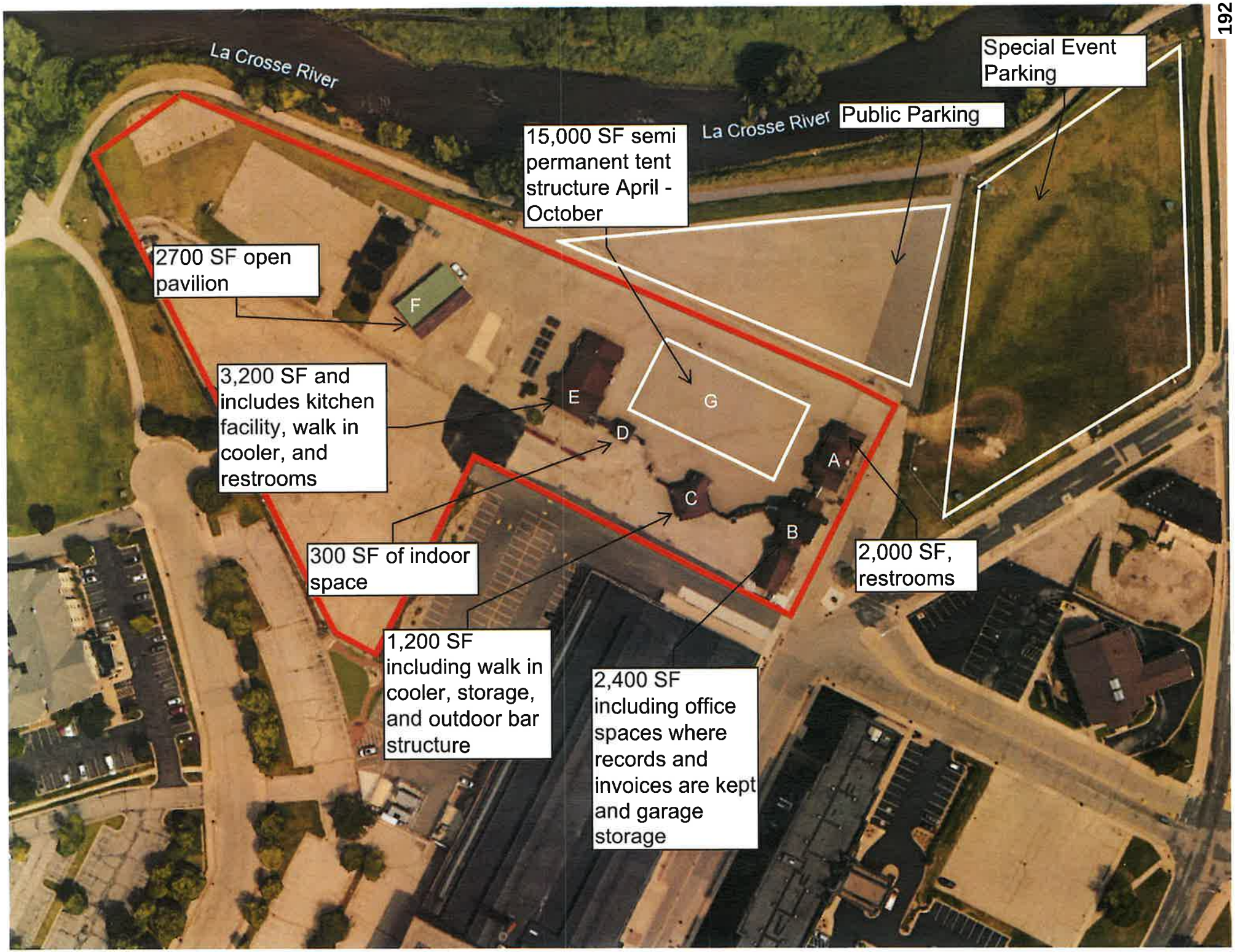
OFFICER/MEMBER

Name: First	Middle	Last
Alexander	J	Wasieleski

Home Address: Street	City	State	Zip Code
909 Division St.	La Crosse	WI	54601

Phone Number:	**Email:**	**Date of Birth:** (mm/dd/yyyy)
[redacted]		

Violations:
None


La Crosse River
La Crosse River
Special Event Parking
Public Parking
15,000 SF semi permanent tent structure April - October
2700 SF open pavilion
3,200 SF and includes kitchen facility, walk in cooler, and restrooms
300 SF of indoor space
1,200 SF including walk in cooler, storage, and outdoor bar structure
2,400 SF including office spaces where records and invoices are kept and garage storage
2,000 SF, restrooms
A
B
C
D
E
F
G

LA CROSSE FESTIVALS INC - 200FT BUFFER - OUTDOOR CABARET				
Tax Parcel Number	OwnerName	PROPADDCOMP	CompleteAddress	MailCityStateZip
17-20008-110	JJAWC LLC	401 2ND ST N STE 101-103, 425 2ND ST N, 429 2ND ST N APT 101-332 & STE 101, 509 2ND ST N STE 102 & 201, 534 FRONT ST N STE 101	509 2ND ST N	LA CROSSE, WI 54601
17-20009-40	CITY OF LACROSSE	621 3RD ST N	400 LA CROSSE ST	LA CROSSE, WI 54601
17-20009-30	GOVERNMENTAL EMPLOYEES CU	225 LA CROSSE ST	225 LA CROSSE ST	LA CROSSE, WI 54601
17-20009-20	NORTHERN STATES POWER CO	615 2ND ST N	PO BOX 8	EAU CLAIRE, WI 54702-0008
17-20009-75	LACROSSE HOTEL GROUP LLC	511 3RD ST N	511 3RD ST N	LA CROSSE, WI 54601
17-20252-90	JJAWC NORTH LLC	601 OKTOBERFEST STR	509 2ND ST N	LA CROSSE, WI 54601
17-20253-10	NORTHERN STATES POWER CO	711 3RD ST N	PO BOX 8	EAU CLAIRE, WI 54702-0008
17-20253-300	CITY OF LACROSSE	OKTOBERFEST STRASSE	400 LA CROSSE ST	LA CROSSE, WI 54601
17-20280-70	3REALESTATE LLC	333 FRONT ST N STE 200-701	1910 SOUTH AVE	LA CROSSE, WI 54601
17-20253-20	CITY OF LACROSSE	220 & 520 VETERANS MEMORIAL DR E, 201 & 300 & 503 FRONT ST S, 1 STATE ST	400 LA CROSSE ST	LA CROSSE, WI 54601
17-20253-30	NORTHERN STATES POWER CO	711 3RD ST N	PO BOX 8	EAU CLAIRE, WI 54702-0008
17-20280-81	LACROSSE GSRS LLC	525 FRONT ST N	525 FRONT ST N	LA CROSSE, WI 54601
17-20280-82	THREE RIVERS LLC	201 FRONT ST N	1131 MAIN ST	ONALASKA, WI 54650
17-20280-90	3REALESTATE LLC	FRONT ST	1910 SOUTH AVE	LA CROSSE, WI 54601
17-20400-236	CITY OF LACROSSE	RIVER BEND RD	400 LA CROSSE ST	LA CROSSE, WI 54601
17-20400-221	CITY OF LACROSSE	RIVER BEND RD	400 LA CROSSE ST	LA CROSSE, WI 54601
17-20253-90	NORTHERN STATES POWER CO	600 2ND ST N	PO BOX 8	EAU CLAIRE, WI 54702-0008
	CITY OF LACROSSE	400 LA CROSSE ST	400 LA CROSSE ST	LA CROSSE, WI 54601
	LA CROSSE FESTIVALS INC	1 OKTOBERFEST STRASSE	PO BOX 1716	LA CROSSE, WI 54601

Revision 3/3/2020

City of La Crosse, Wisconsin

APPLICATION FOR *RECYCLING* LICENSE

4/2025

Check One: ☑ New ☐ Renewal For the license period WHEN ISSUEI to JUNE 30, 2026 Fee: $ 150.00

☑ Processing Facility ☐ Recycling Center ☐ Pick-Up Station ☐ Reverse Vending Machine

BUSINESS INFORMATION

Legal/Real Name:
7 RIVERS RECYCLING, LLC

Address: Street	City	State	Zip Code
W6833 INDUSTRIAL BLVD	ONALASKA	WI	54650

Trade Name:
- - -

Phone Number:
[redacted]

PREMISES INFORMATION

Address of Premises to be Licensed:
4329 EAST AVE S, LA CROSSE, WI 54601

Detailed Nature of Business:
MATTRESS & BOX SPRING RECYCLING

Kind of material to be collected, bought, sold or otherwise handled:
MATTRESS & BOX SPRINGS TO BE COLLECTED FROM CUSTOMERS -- MATERIAL TO BE RECOVERED: STEEL SPRINGS, POLYUROTHANE FOAMS, AND OTHER FELTS FROM UNITS. MATERIAL TO BE BALED FOR PURCHASE OR GIVEN AWAY FOR UPCYCLING.

The above hereby makes application for a license to operate a Recycling business at the above address within the City of La Crosse pursuant to provisions of Chapter 10, Article XII of the Code of Ordinances for the City of La Crosse and subject to all laws of the State of Wisconsin. Failure upon the part of this applicant to comply with such laws ordinances shall be justification for the revocation of any license that may be issued pursuant hereto.

Brandon K Knutson (Signature of Applicant)

March 5 2026 (Date)

RECEIVED MAR 05 2026 City Clerk's Office

OFFICE USE ONLY:

Customer #: _____ Granted: _____ License #: _____

Personal Data Sheet

(Please PRINT All Information)

Each Officer/Member **AND** Manager/Person in Charge must complete all the information and must indicate if they have been convicted of any of the following within the last ten (10) years: a felony, a misdemeanor, a statutory violation punishable by forfeiture or a county or municipal ordinance violation. If none, write "none".

MANAGER/PERSON IN CHARGE

Name: First	Middle	Last
BRANDON	MICHAEL	KNUDTSON

Home Address: Street	City	State	Zip Code
3508 CLIFFSIDE DR	LA CROSSE	WI	54601

Phone Number:	Email:	Date of Birth: (mm/dd/yyyy)
[redacted]		

Violations:
NONE

OFFICER/MEMBER

Name: First	Middle	Last
TAYLOR	SCOTT	KOHLWEY

Home Address: Street	City	State	Zip Code
N5555 SOBKOWIAK RD	ONALASKA	WI	54650

Phone Number:	Email:	Date of Birth: (mm/dd/yyyy)
[redacted]	[redacted]	

Violations:
NONE

OFFICER/MEMBER

Name: First	Middle	Last

Home Address: Street	City	State	Zip Code

Phone Number:	Email:	Date of Birth: (mm/dd/yyyy)

Violations:

OFFICER/MEMBER

Name: First	Middle	Last

Home Address: Street	City	State	Zip Code

Phone Number:	Email:	Date of Birth: (mm/dd/yyyy)

Violations:

OFFICER/MEMBER

Name: First	Middle	Last

Home Address: Street	City	State	Zip Code

Phone Number:	Email:	Date of Birth: (mm/dd/yyyy)

Violations:

City of La Crosse, Wisconsin

City Hall
400 La Crosse Street
La Crosse, WI 54601

Text File

File Number: 26-0204

Agenda Date: 4/9/2026

Version: 1

Status: Recommended to be Adopted

In Control: Common Council

File Type: Resolution

Agenda Number: 3.

Resolution dedicating City property, Lot 42 of Sexauer's Addition, to the public for right-of-way purposes and approving request from Badger Corrugating Company to vacate a portion thereof.

RESOLUTION

WHEREAS, the statutory dedication of Lot 42 to the public for right-of-way purposes has not occurred; and

WHEREAS, the City of La Crosse acquired ownership of Lot 42 in 1940 and soon thereafter the public made use of said lot as a street; and

WHEREAS, the City of La Crosse constructed street improvements on Lot 42 in 1978 and continues to maintain those improvements; and

WHEREAS, Badger Corrugating Company had requested the City of La Crosse vacate a nine (9) foot wide strip along the west side of the 1800 block of 13th Street South, the intent being for said strip to extend North through Lot 42; and

WHEREAS, the Common Council of the City of La Crosse approved said vacation request in Resolution 2025-12-018 and it is in the interest of public convenience, health, safety, and general welfare, to extend said vacation North to complete the intent of the original request; and

WHEREAS, the public interest requires the dedication and partial vacation of certain streets within the corporate limits of the City of La Crosse and such dedication and partial vacation should be done as expeditiously as possible.

NOW, THEREFORE, BE IT RESOLVED, by the Common Council, City of La Crosse that it hereby declares that the public interest requires Lot 42 of Sexauer's Addition be dedicated to the public for right-of-way purposes as described by the legal description and map attached as Exhibit "A."

BE IT FURTHER RESOLVED that a portion of the land dedicated as described above is hereby ordered vacated per the request of Badger Corrugating Company and as described by the legal description and map attached as Exhibit "B", subject, however, to any and all reservations for any and all public and private utilities.

BE IT FURTHER RESOLVED the Board of Public Works and staff are authorized to take all steps necessary to effectuate this resolution.

Abutting Properties (of area to be vacated):

Tax Parcel	Owner Name	Property Address	Mailing Address	City State Zip
17-50003-100	CITY OF LACROSSE	1301 HYDE AVE	400 LA CROSSE ST	LA CROSSE WI 54601
17-50266-10	BADGER CORRUGATING CORP	1211 & 1219 TRAVIS ST 1801, 1809, 1811 WEST AVE S	1801 WEST AVE S	LA CROSSE WI 54601-6239

CITY OF LA CROSSE

400 La Crosse Street
La Crosse, Wisconsin 54601
(608) 789-CITY
www.cityoflacrosse.org

LEGISLATION STAFF REPORT FOR COUNCIL

File ID 26-0204

Caption Resolution dedicating City property, Lot 42 of Sexauer's Addition, to the public for right-of-way purposes and approving request from Badger Corrugating Company to vacate a portion thereof.

Staff/Department Responsible for Legislation

City Surveyor/Engineering

Requestor of Legislation

City Surveyor & Badger Corrugating Company

Location, if applicable

13th Street South, north of Hyde Avenue (Lot 42)

Summary/Purpose

The purpose of this legislation is to formerly dedicate City owned land, historically used as a street, to the public. It is also the purpose of this legislation to vacate a portion thereof, extending/completing the intent of the Council approved request from Badger Corrugating Company to partially vacate 13th Street South (Resolution 2025-12-018).

Background

The City acquired Lot 42 of Sexauer's Addition in 1940 with the lot being used as a street soon thereafter. The City constructed curb and pavement in the late 1970's on the lot and has continued to maintain those improvements. However, the lot was never officially dedicated to the public for right-of-way purposes.

Badger Corrugating Company requested and the Council approved the partial vacation of 13th Street South in December, 2025. The intent of this request was for the partial vacation to extend northerly through Lot 42 but, was not accomplished as Lot 42 was not public right-of-way.

Fiscal Impact

Nominal increase in tax revenue.

Staff Recommendation

Approval.

Exhibit "A"

Legal Description

for

Dedication of 13th Street Right-of-Way

Lot 42 of Sexauer's Addition to the City of La Crosse located in the Southwest Quarter of the Northeast Quarter, Section 8, Township 15 North, Range 7 West, La Crosse County, Wisconsin.

See attached map.

Drafted by: KJC, 02/2026

Checked by: JMC, 02/2026

EXHIBIT "A" MAP

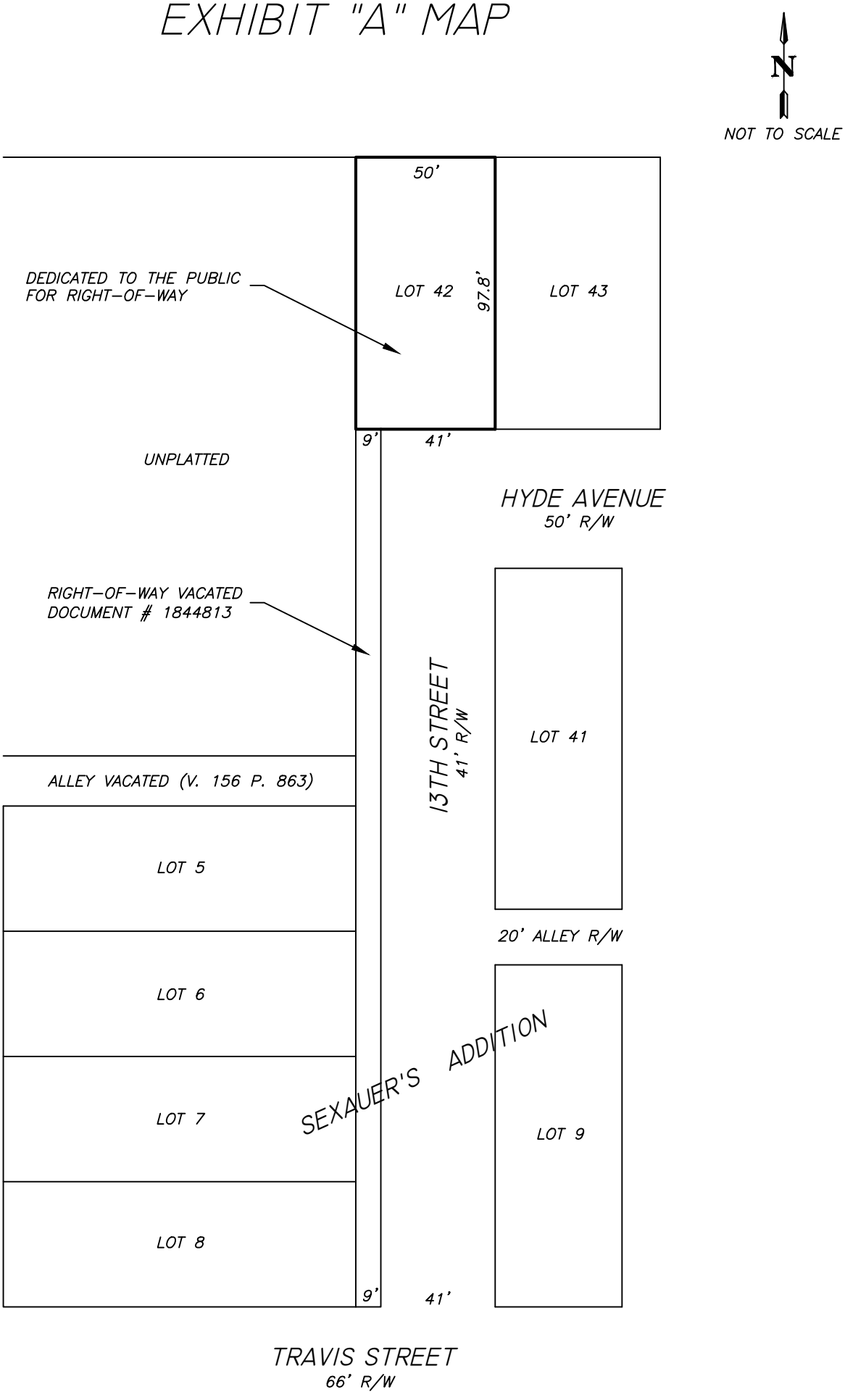


Exhibit "B"

Legal Description

for

Partial Vacation of 13th Street

That part of Sexauer's Addition to the City of La Crosse located in the Southwest Quarter of the Northeast Quarter, Section 8, Township 15 North, Range 7 West, La Crosse County, Wisconsin described as follows:

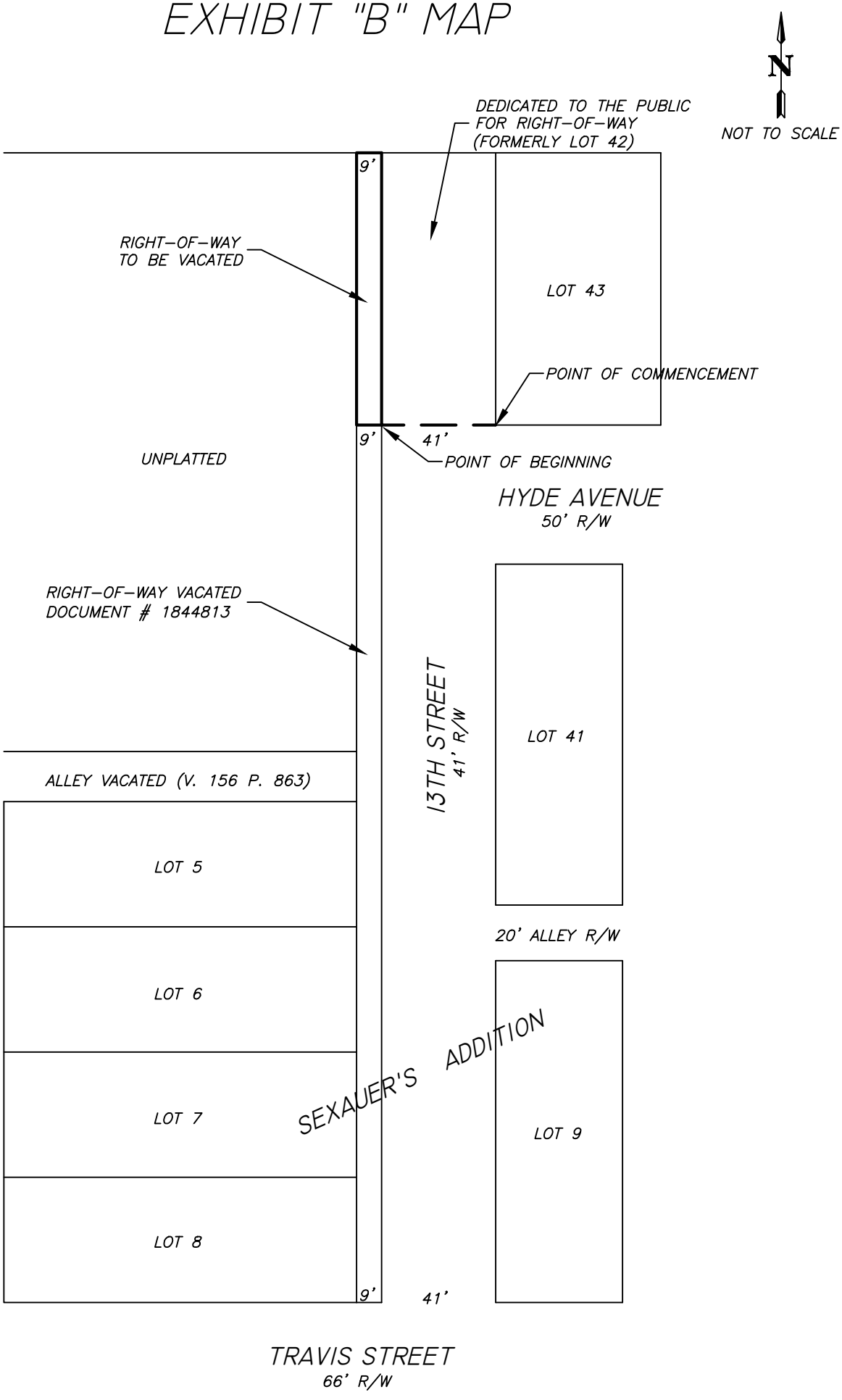
Commencing at the southwest corner of Lot 43 of Sexauer's Addition; thence westerly along the north right-of-way line of Hyde Avenue a distance of 41.00 feet to the northeast corner of that part of 13th Street vacated in Document Number 1844813 and the point of beginning; thence westerly continuing along said north right-of-way line a distance of 9.00 feet to the northwest corner of that part of 13th Street vacated in said document and the west line of Sexauer's Addition; thence northerly along said west line to the north line of Sexauer's Addition; thence easterly along said north line a distance of 9.00 feet; thence southerly parallel with the east right-of-way line of 13th Street to the point of beginning.

See attached map.

Drafted by: KJC, 02/2026

Checked by: JMC, 02/2026

EXHIBIT "B" MAP



Tax Parcel	OwnerName	Property Address	Mailing Address	MailCityStateZip	Parcel Abutting Area to be vacated Needs Service	Notice Mailed for Non-abutting property
		1211 & 1219 TRAVIS ST				
17-50266-10	BADGER CORRUGATING CORP	1801, 1809, 1811 WEST AVE S	1801 WEST AVE S	LA CROSSE WI 54601-6239	Abutting - service required	X
17-50003-80	BRIAN L PETERSON	1306 HYDE AVE	1306 HYDE AVE	LA CROSSE WI 54601	Not abutting	YES
17-50003-100	CITY OF LACROSSE	1301 HYDE AVE	400 LA CROSSE ST	LA CROSSE WI 54601	Abutting - service on self not required	X
17-50003-90	DANIEL A GABEL, SARAH A GABEL	1302 HYDE AVE	1302 HYDE AVE	LA CROSSE WI 54601-6363	Not abutting	YES
17-50003-60	DAVID D CHRISTIANSON, BARBARA A CHRISTIANSON	1316 HYDE AVE	1316 HYDE AVE	LA CROSSE WI 54601-6363	Not abutting	YES
17-50003-140	DORI L WALSH (LE), DORI L WALSH LIVING TRUST	1319 HYDE AVE	1319 HYDE AVE	LA CROSSE WI 54601	Not abutting	YES
17-30041-40	ELIZABETH BRAGUE	1235 GREEN BAY ST	1235 GREEN BAY ST	LA CROSSE WI 54601-6265	Not abutting	YES
17-50003-110	ELLEN S BERG	1303 HYDE AVE	1303 HYDE AVE	LA CROSSE WI 54601-6347	Not abutting	YES
17-50265-60	GREEN BAY STREET PROPERTIES LLC	1300 GREEN BAY ST	1801 WEST AVE S	LA CROSSE WI 54601	Not abutting	YES
17-50004-10	GREGORY J PRETASKY	1325 HYDE AVE	1325 HYDE AVE	LA CROSSE WI 54601-6347	Not abutting	YES
17-30041-30	J&L REAL ESTATE LLC	1231 & 1233 GREEN BAY ST	PO BOX 355	COON VALLEY WI 54623	Not abutting	YES
17-50003-40	JADE A MILLER, MITCHELL G THIES	1324 HYDE AVE	1324 HYDE AVE	LA CROSSE WI 54601-6363	Not abutting	YES
17-50003-130	JENNY JOLLY	1311 HYDE AVE	1311 HYDE AVE	LA CROSSE WI 54601-6347	Not abutting	YES
	LANOGA CORPORATION					
17-50600-10	C/O 1701 WEST LLC	1701 WEST AVE S	PO BOX 1621	LA CROSSE WI 54602-1621	Not abutting	YES
17-50003-50	LEE H GROSSKREUTZ, ROSEMARY I GROSSKREUTZ	1320 HYDE AVE	1320 HYDE AVE	LA CROSSE WI 54601-6363	Not abutting	YES
17-50001-70	LINDA J BIRKLE	1311 TRAVIS ST	1311 TRAVIS ST	LA CROSSE WI 54601	Not abutting	YES
17-50001-80	MADELINE M BERGER, DREW D BERGER	1315 TRAVIS ST	1315 TRAVIS ST	LA CROSSE WI 54601-6343	Not abutting	YES
17-50003-120	MATTHEW WILTGEN, KYLIE WILTGEN	1307 HYDE AVE	1307 HYDE AVE	LA CROSSE WI 54601-6347	Not abutting	YES
17-50001-90	MICHAEL J CADE	1319 TRAVIS ST	1319 TRAVIS ST	LA CROSSE WI 54601	Not abutting	YES
17-30041-10	MICHAEL T MYSLIWIEC	1223 GREEN BAY ST	1223 GREEN BAY ST	LA CROSSE WI 54601-6265	Not abutting	YES
17-30040-140	PAULA J OCONNOR	1215 GREEN BAY ST	1215 GREEN BAY ST	LA CROSSE WI 54601-6265	Not abutting	YES
17-30041-50	PAULO PIRES	1241 & 1243 GREEN BAY ST	411 FALLS RD STE 100	GRAFTON WI 53024	Not abutting	YES
17-30041-20	PREFERRED PROPERTIES LLC	1225 & 1227 GREEN BAY ST	1400 PINE ST	LA CROSSE WI 54601	Not abutting	YES
17-50001-50	ROBERT P DAYTON	1301 TRAVIS ST	1301 TRAVIS ST	LA CROSSE WI 54601	Not abutting	YES
17-50001-10	SCOTT M MCLEES, JAN L MCLEES	1833 WEST AVE S	1833 WEST AVE S	LA CROSSE WI 54601-6239	Not abutting	YES
17-50001-60	TYLER J DERKS	1307 TRAVIS ST	1307 TRAVIS ST	LA CROSSE WI 54601	Not abutting	YES
17-30041-60	VANG HOUA THAO, SENGYA YANG	1245 GREEN BAY ST	1245 GREEN BAY ST	LA CROSSE WI 54601-6265	Not abutting	YES
17-50003-70	VITOMIR DROBNJAKOVIC, DANIELLE D MCBRIDE	1310 HYDE AVE	1310 HYDE AVE	LA CROSSE WI 54601-6363	Not abutting	YES

Properties above are within 300 feet of area to be vacated on 13th Street.

Area requested to be vacated shown as



DocId:8545950
Tx:4216180

1845349
LACROSSE COUNTY
REGISTER OF DEEDS
ROBIN L. KADRMAS

RECORDED ON
02/24/2026 10:25 AM
PAGE COUNT: 6
EXEMPT #:
RECORDING FEE **30.00**

This space is reserved for recording data

Return to

City Clerk
400 La Crosse St
La Crosse WI 54601

Parcel Identification Number/Tax Key Number

In the Matter of the Resolution dedicating City property, Lot 42 of Sexauer's Addition, to the public for right-of-way purposes and approving request from Badger Corrugating Company to vacate a portion thereof.

LIS PENDENS

NOTICE IS HERBY GIVEN that a resolution has been introduced to the Common Council to be acted upon by such Common Council, which said action has been taken at the initiative of the Common Council of the City of La Crosse, wherein the following property, to-wit:

LEGAL DESCRIPTION ATTACHED

and shown on the maps attached hereto as Exhibit "A" and Exhibit "B" showing the location thereof, is sought to be vacated.

Dated this 24th day of February 2026.

CITY OF LA CROSSE

By: Stephen F. Matty
Stephen F. Matty
City Attorney

Drafted by:

City Attorney's Office
400 La Crosse Street
La Crosse WI 54601
(608) 789-7511

Resolution dedicating City property, Lot 42 of Sexauer's Addition, to the public for right-of-way purposes and approving request from Badger Corrugating Company to vacate a portion thereof.

RESOLUTION

WHEREAS, the statutory dedication of Lot 42 to the public for right-of-way purposes has not occurred; and

WHEREAS, the City of La Crosse acquired ownership of Lot 42 in 1940 and soon thereafter the public made use of said lot as a street; and

WHEREAS, the City of La Crosse constructed street improvements on Lot 42 in 1978 and continues to maintain those improvements; and

WHEREAS, Badger Corrugating Company had requested the City of La Crosse vacate a nine (9) foot wide strip along the west side of the 1800 block of 13th Street South, the intent being for said strip to extend North through Lot 42; and

WHEREAS, the Common Council of the City of La Crosse approved said vacation request in Resolution 2025-12-018 and it is in the interest of public convenience, health, safety, and general welfare, to extend said vacation North to complete the intent of the original request; and

WHEREAS, the public interest requires the dedication and partial vacation of certain streets within the corporate limits of the City of La Crosse and such dedication and partial vacation should be done as expeditiously as possible.

NOW, THEREFORE, BE IT RESOLVED, by the Common Council, City of La Crosse that it hereby declares that the public interest requires Lot 42 of Sexauer's Addition be dedicated to the public for right-of-way purposes as described by the legal description and map attached as Exhibit "A."

BE IT FURTHER RESOLVED that a portion of the land dedicated as described above is hereby ordered vacated per the request of Badger Corrugating Company and as described by the legal description and map attached as Exhibit "B", subject, however, to any and all reservations for any and all public and private utilities.

BE IT FURTHER RESOLVED the Board of Public Works and staff are authorized to take all steps necessary to effectuate this resolution.

Abutting Properties:

Tax Parcel	Owner Name	Property Address	Mailing Address	City State Zip
17-50003-100	CITY OF LACROSSE	1301 HYDE AVE	400 LA CROSSE ST	LA CROSSE WI 54601
17-50266-10	BADGER CORRUGATING CORP	1211 & 1219 TRAVIS ST 1801, 1809, 1811 WEST AVE S	1801 WEST AVE S	LA CROSSE WI 54601-6239

EXHIBIT "A" MAP

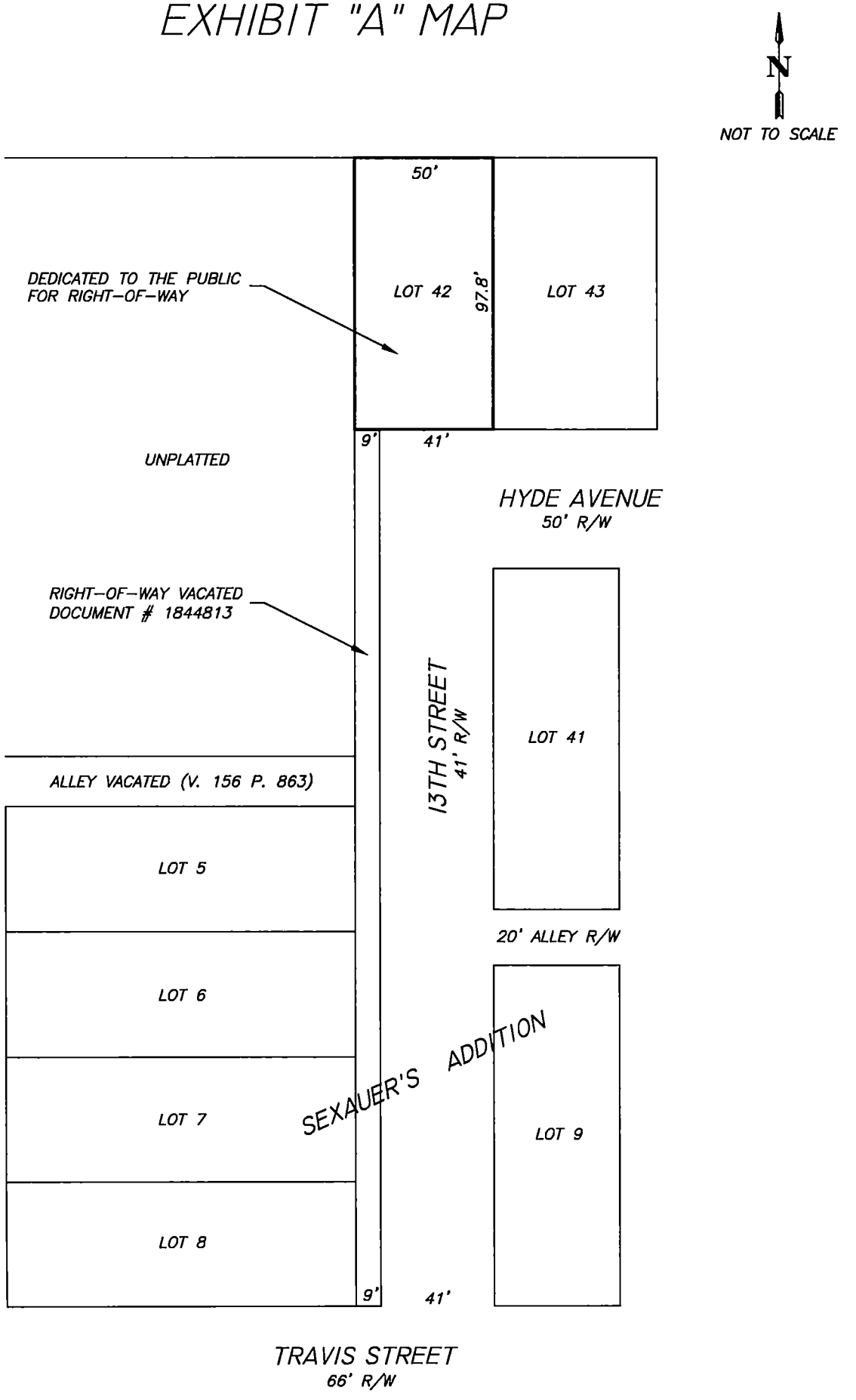


Exhibit "A"

Legal Description

for

Dedication of 13th Street Right-of-Way

Lot 42 of Sexauer's Addition to the City of La Crosse located in the Southwest Quarter of the Northeast Quarter, Section 8, Township 15 North, Range 7 West, La Crosse County, Wisconsin.

See attached map.

Drafted by: KJC, 02/2026

Checked by: JMC, 02/2026

Exhibit "B"

Legal Description

for

Partial Vacation of 13th Street

That part of Sexauer's Addition to the City of La Crosse located in the Southwest Quarter of the Northeast Quarter, Section 8, Township 15 North, Range 7 West, La Crosse County, Wisconsin described as follows:

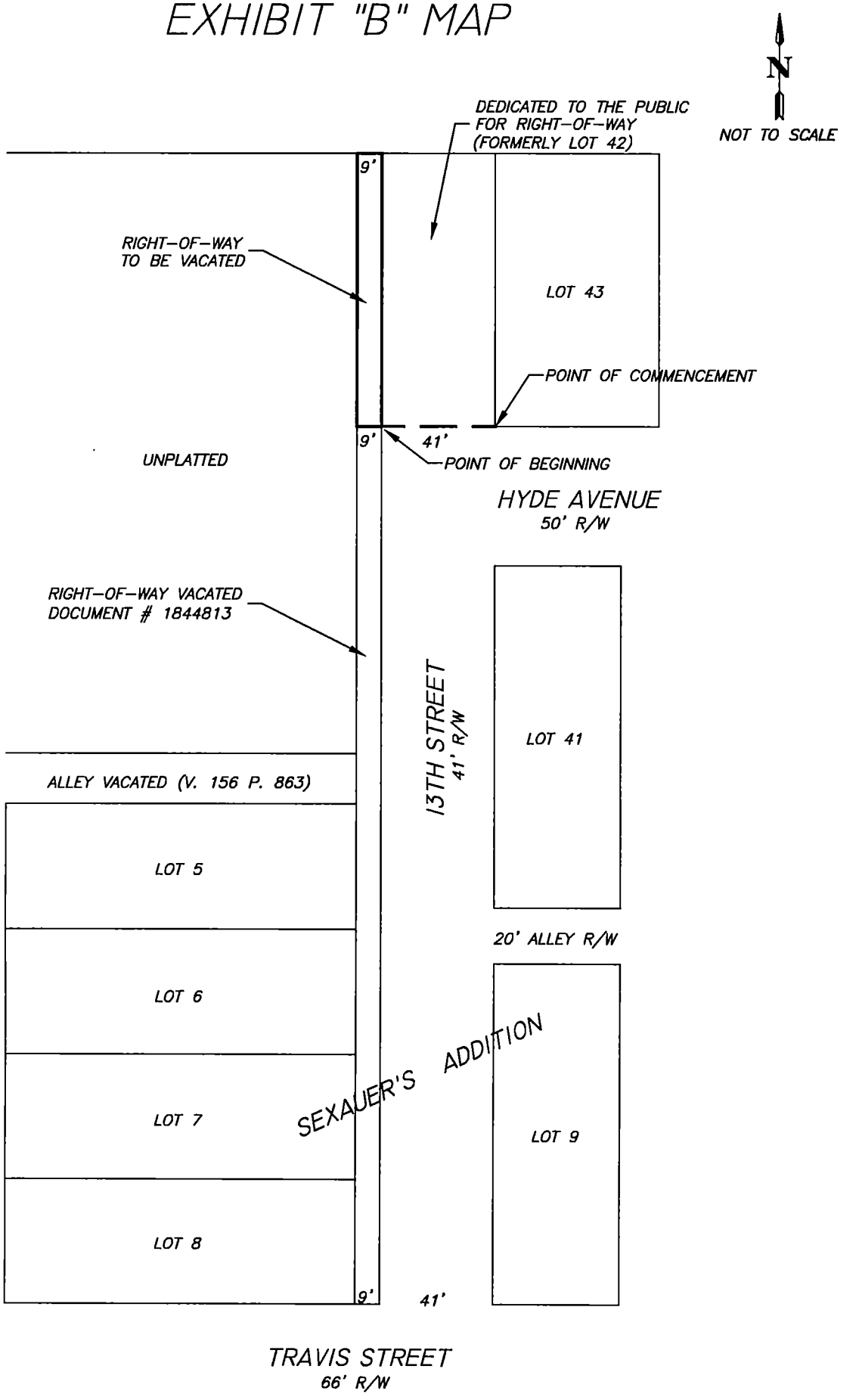
Commencing at the southwest corner of Lot 43 of Sexauer's Addition; thence westerly along the north right-of-way line of Hyde Avenue a distance of 41.00 feet to the northeast corner of that part of 13th Street vacated in Document Number 1844813 and the point of beginning; thence westerly continuing along said north right-of-way line a distance of 9.00 feet to the northwest corner of that part of 13th Street vacated in said document and the west line of Sexauer's Addition; thence northerly along said west line to the north line of Sexauer's Addition; thence easterly along said north line a distance of 9.00 feet; thence southerly parallel with the east right-of-way line of 13th Street to the point of beginning.

See attached map.

Drafted by: KJC, 02/2026

Checked by: JMC, 02/2026

EXHIBIT "B" MAP



NOTICE OF HEARING TO VACATE A PORTION OF STREET

YOU ARE HEREBY NOTIFIED that a Resolution is pending before the Common Council of the City of La Crosse, that includes the partial vacation of the following described portion of street, to-wit:

> That part of Sexauer's Addition to the City of La Crosse located in the Southwest Quarter of the Northeast Quarter, Section 8, Township 15 North, Range 7 West, La Crosse County, Wisconsin described as follows:
>
> Commencing at the southwest corner of Lot 43 of Sexauer's Addition; thence westerly along the north right-of-way line of Hyde Avenue a distance of 41.00 feet to the northeast corner of that part of 13th Street vacated in Document Number 1844813 and the point of beginning; thence westerly continuing along said north right-of-way line a distance of 9.00 feet to the northwest corner of that part of 13th Street vacated in said document and the west line of Sexauer's Addition; thence northerly along said west line to the north line of Sexauer's Addition; thence easterly along said north line a distance of 9.00 feet; thence southerly parallel with the east right-of-way line of 13th Street to the point of beginning.

YOU ARE FURTHER NOTIFIED THAT a public hearing thereon will be held before the Finance and Personnel Committee of the Common Council on April 2, 2026 at 6:00 p.m. in the Council Chambers of City Hall, 400 La Crosse St. La Crosse St., at which time any and all may be heard for or against the vacation of said street.

Such matter will also be acted upon by the City Plan Commission at 4:00 p.m. on March 30, 2026 (public speaking is allowed), and by the Common Council on April 9, 2026 at 6:00 p.m., both meetings will take place in the Council Chambers at City Hall, 400 La Crosse St.

If you wish to attend any of the above meetings through video conferencing, please contact the City Clerk's Office at 608-789-7510 or email cityclerk@cityoflacrosse.org for more information.

The above referenced Resolution and relevant attachments may be examined in the Legislative Information Center which can be accessed from the City website at www.cityoflacrosse.org (search for file 26-0204).

Dated this 25th day of February, 2026.

Per Order of the Common Council
Nikki Elsen
City Clerk of the City of
La Crosse, Wisconsin

- -

Published in the La Crosse Tribune on March 12, 19, & 26, 2026
One (1) Affidavit

Office of City Clerk

February 25, 2026

OFFICE OF THE SECRETARY
WISCONSIN DEPARTMENT OF TRANSPORTATION
PO BOX 7910
MADISON, WI 53707-7910

Re: Resolution dedicating City property, Lot 42 of Sexauer's Addition, to the public for right-of-way purposes and approving request from Badger Corrugating Company to vacate a portion thereof.

Enclosed herewith is a copy of the above resolution and notice of hearing when and where the resolution will be acted upon.

This notice is provided pursuant to Wis. Stat., sec. 66.1003(8), since the public way or alley that is the subject of the resolution is located within one-quarter mile of a state trunk highway or connecting highway.

Sincerely,

Sondra Craig

Sondra Craig, Deputy Clerk
craigs@cityoflacrosse.org
608-789-7549

Enclosures

Office of City Clerk

February 25, 2026

La Crosse Police Department
Attn: Civil Process
City Hall
400 La Crosse St
La Crosse WI 54601

Re: Resolution dedicating City property, Lot 42 of Sexauer's Addition, to the public for right-of-way purposes and approving request from Badger Corrugating Company to vacate a portion thereof.

- See attached Exhibit A for legal descriptions and map of area to be dedicated as right-of-way.
- See attached Exhibit B for legal descriptions and map of area to be vacated.

Shift Commander:

Enclosed you will find copies of a Notice of Hearing to Vacate a Portion of Street for service upon the following:

OwnerName	Address	City State Zip
BADGER CORRUGATING CORP	1801 WEST AVE S	LA CROSSE WI 54601-6239

Please be advised that service needs to be made no later than Tuesday, March 3, 2026.

The extra copy is for the officer serving the notice to return with the Affidavit of Personal Service. One affidavit needs to be filled out for each notice served. The affidavits **must be signed by the officer in front of a notary.**

Please let me know if you have any questions.

Regards,

Sondra Craig

Sondra Craig, Deputy Clerk
craigs@cityoflacrosse.org
608-789-7549

LA CROSSE Tribune

AFFIDAVIT OF PUBLICATION

Lacrosse Tribune
1407 St. Andrew St., La Crosse, WI 54603
(866) 735-5631

Retain this portion for your records. Please do not remit payment until you receive your advertising invoice.

State of Florida, County of Broward, ss:

Anjana Bhadoriya, being first duly sworn, deposes and says: That (s)he is a duly authorized signatory of Column Software, PBC and duly authorized agent of Lee Enterprises, publishers of Lacrosse Tribune, a newspaper at, La Crosse, for county of La Crosse, in the state of Wisconsin, and that an advertisement of which the annexed is a true copy, taken from said paper, was published, therein on the dates listed below.

PUBLICATION DATES:
March. 12 2026, March. 19 2026, March. 26 2026

NOTICE ID: z4AifRx3Ci3xCOCwc6zn
PUBLISHER ID: COL-WI-102075
NOTICE NAME: 13th St. - ROW Dedication & Partial Vacation
Publication Fee: $243.54

Section: Legals
Category: 0001 Wisconsin Legals

Anjana Bhadoriya

(Signed)_____

VERIFICATION

State of Florida
County of Broward

SHERI SMITH
Notary Public - State of Florida
Commission # HH269383
Expires on May 31, 2026

Subscribed in my presence and sworn to before me on this: 03/26/2026

S Smith

Notary Public
Notarized remotely online using communication technology via Proof.

NOTICE OF HEARING TO VACATE A PORTION OF STREET

YOU ARE HEREBY NOTIFIED that a Resolution is pending before the Common Council of the City of La Crosse, that includes the partial vacation of the following described portion of street, to-wit:

That part of Sexauer's Addition to the City of La Crosse located in the Southwest Quarter of the Northeast Quarter, Section 8, Township 15 North, Range 7 West, La Crosse County, Wisconsin described as follows:

Commencing at the southwest corner of Lot 43 of Sexauer's Addition; thence westerly along the north right-of-way line of Hyde Avenue a distance of 41.00 feet to the northeast corner of that part of 13th Street vacated in Document Number 1844813 and the point of beginning; thence westerly continuing along said north right-of-way line a distance of 9.00 feet to the northwest corner of that part of 13th Street vacated in said document and the west line of Sexauer's Addition; thence northerly along said west line to the north line of Sexauer's Addition; thence easterly along said north line a distance of 9.00 feet; thence southerly parallel with the east right-of-way line of 13th Street to the point of beginning.

YOU ARE FURTHER NOTIFIED THAT a public hearing thereon will be held before the Finance and Personnel Committee of the Common Council on April 2, 2026 at 6:00 p.m. in the Council Chambers of City Hall, 400 La Crosse St. La Crosse St., at which time any and all may be heard for or against the vacation of said street.

Such matter will also be acted upon by the City Plan Commission at 4:00 p.m. on March 30, 2026 (public speaking is allowed), and by the Common Council on April 9, 2026 at 6:00 p.m., both meetings will take place in the Council Chambers at City Hall, 400 La Crosse St.

If you wish to attend any of the above meetings through video conferencing, please contact the City Clerk's Office at 608-789-7510 or email cityclerk@cityoflacrosse.org for more information .

The above referenced Resolution and relevant attachments may be examined in the Legislative Information Center which can be accessed from the City website at www.cityoflacrosse.org (search for file 26-0204) .

Dated this 25th day of February, 2026.

Per Order of the Common Council
Nikki Elsen
City Clerk of the City of
La Crosse, Wisconsin
3/12, 3/19, 3/26 LAC
COL-WI-102075 WNAXLP

Agenda Item 26-0204 (Tim Acklin)

Resolution dedicating City property, Lot 42 of Sexauer's Addition, to the public for right-of-way purposes and approving request from Badger Corrugating Company to vacate a portion thereof.

General Location

Council District 10, located along the western portion of 13th Street S between Hyde Ave and Travis Street as depicted on attached MAP 26-0204. Adjacent uses include single-family homes to the east, single-family homes and light industrial to the south, Badger Corrugating to the west and north.

Background Information

As part of the redevelopment of their campus Badger Corrugating requested to vacate the western 9ft of 13th Street S between Hyde Ave and Travis Street, which was approved by the Common Council at their December 2025 meeting. The applicant had a Street Privilege Permit to use this portion of the street for approximately 25 employee parking spaces but wanted to have it vacated so it could be permanently incorporated into their parcel.

This subject Resolution is administrative in nature. It finalizes the portion of the vacation that was city owned land by identifying what will be vacated and formerly dedicating City owned land as public right -of-way (street) as it had not been done prior.

See attached plans and information for more information.

Recommendation of Other Boards and Commissions

The Common Council approved the vacation at their December 2025 meeting.

It will be reviewed by the Board of Public Works at their March 30, 2026, meeting.

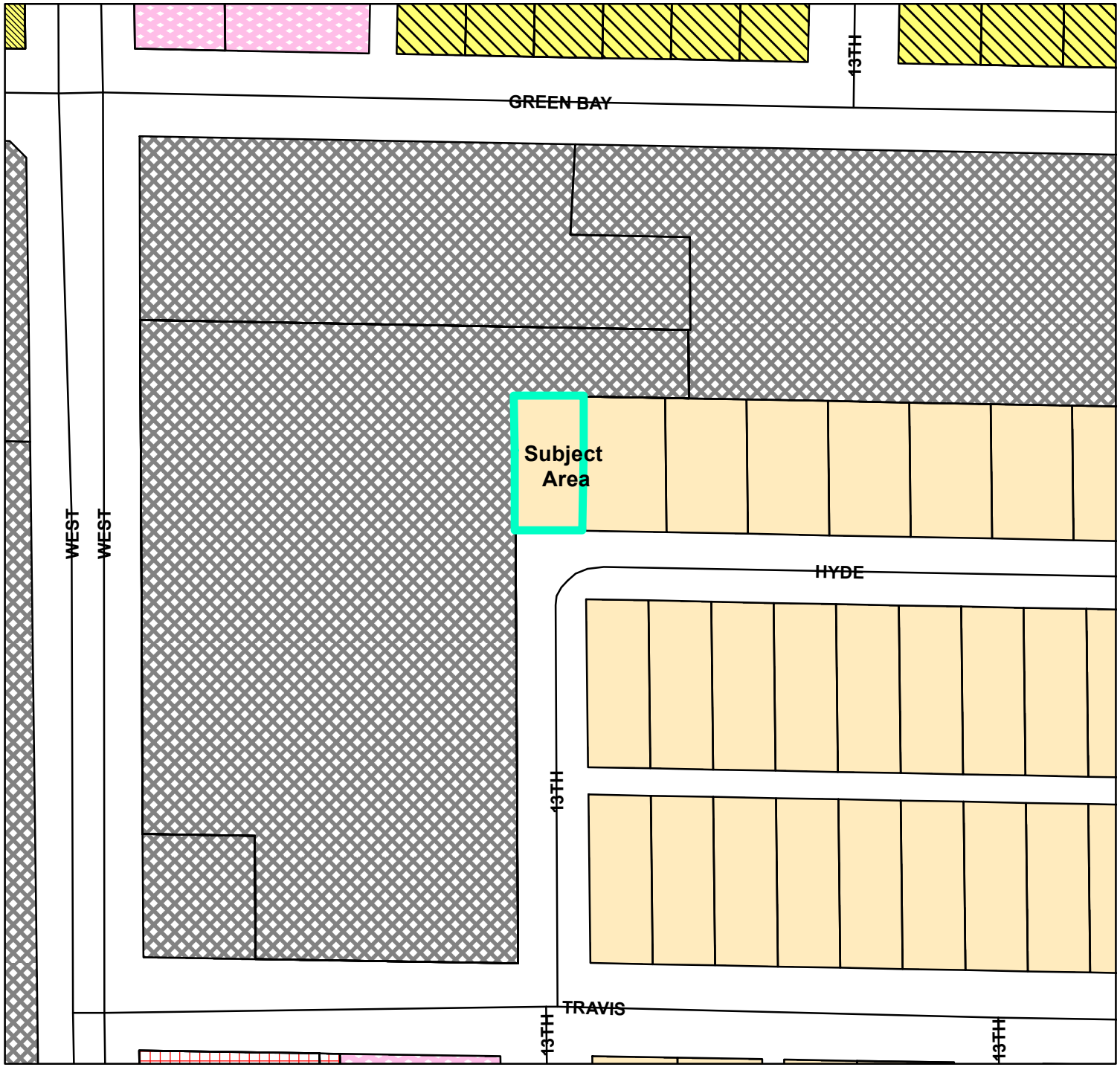
Consistency with Adopted Comprehensive Plan

The Comprehensive Plan does not specifically address ROW vacations. However, improving opportunities and pathways for our employers to operate and grow is a major goal in the Comprehensive Plan.

Staff Recommendation

This item is recommended for approval.

Routing F&P 4.02.26



BASIC ZONING DISTRICTS

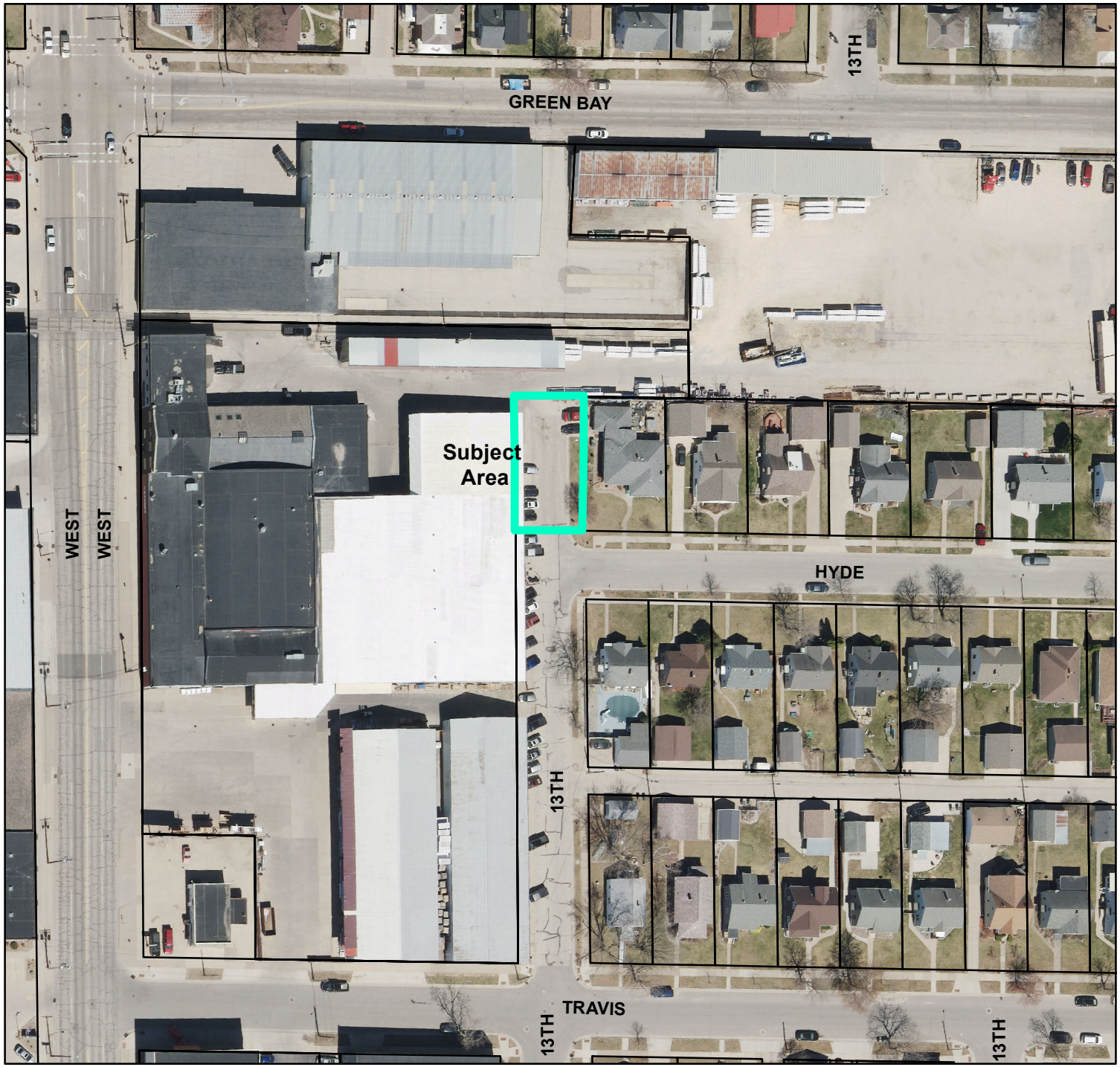
- R1 - SINGLE FAMILY
- R2 - RESIDENCE
- WR - WASHBURN RES
- R3 - SPECIAL RESIDENCE
- R4 - LOW DENSITY MULTI
- R5 - MULTIPLE DWELLING
- R6 - SPECIAL MULTIPLE
- PD- PLANNED DEVELOP
- TND - TRAD NEIGH DEV.
- C1 - LOCAL BUSINESS
- C2 - COMMERCIAL
- C3 - COMMUNITY BUSINESS
- M1 - LIGHT INDUSTRIAL
- M2 - HEAVY INDUSTRIAL
- PS - PUBLIC & SEMI-PUBLIC
- PL - PARKING LOT
- UT - PUBLIC UTILITY
- CON - CONSERVANCY
- FW - FLOODWAY
- A1 - AGRICULTURAL
- EA - EXCLUSIVE AG
- City Limits
- SUBJECT PROPERTY

N W E S

0 50 100 200 Feet

City of La Crosse Planning Department - 2026

PC 26-0204 216



BASIC ZONING DISTRICTS

- R1 - SINGLE FAMILY
- R2 - RESIDENCE
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- SUBJECT PROPERTY

0 50 100 200 Feet

City of La Crosse Planning Department - 2026

PC 26-0204 217

26-0204
CERTIFIED COPY OF RESOLUTION ADOPTED AT A REGULAR MEETING OF THE *CITY PLAN COMMISSION* OF THE CITY OF LA CROSSE, WISCONSIN

STATE OF WISCONSIN)
) ss.
County of La Crosse, City of La Crosse)

I HEREBY CERTIFY that I am the duly appointed, qualified secretary of the City Plan Commission of the City of La Crosse and State of Wisconsin; that the following is a true and correct copy of a Resolution adopted at the regular meeting of the City Plan Commission of the City of La Crosse, State of Wisconsin, held on the thirtieth day of March 2026 at four o'clock, p.m., in the Council Chambers at La Crosse City Hall, 400 La Crosse Street, in said City; and that the same has been duly recorded in the minutes of said Commission and has never been rescinded or revoked.

BE IT RESOLVED: Resolution dedicating City property, Lot 42 of Sexauer's Addition, to the public for right-of-way purposes and approving request from Badger Corrugating Company to vacate a portion thereof be approved.

IN WITNESS WHEREOF, I have hereunto signed my name at La Crosse, Wisconsin, the thirtieth day of March 2026.



Carly Kessler, Planning & Development Administrative Specialist
Recording Secretary, City Plan Commission
City of La Crosse, Wisconsin

City of La Crosse, Wisconsin

City Hall
400 La Crosse Street
La Crosse, WI 54601

Text File

File Number: 26-0246

Agenda Date: 4/9/2026

Version: 1

Status: Recommended to be Adopted

In Control: Common Council

File Type: Resolution

Resolution denying application of Rolling Trees LLC dba Rolling Trees for a Cigarette, Tobacco, and Electronic Vaping Device License and appeal of denial by the Police Department.

RESOLUTION

BE IT RESOLVED by the Common Council of the City of La Crosse that the Rolling Trees LLC dba Rolling Trees for a Cigarette, Tobacco, and Electronic Vaping Device License is hereby denied in accordance with the recommendation of the City of La Crosse Police Department for the following reasons:

1. Lack of good moral character due to statements contained within criminal complaint and lack of veracity on application by knowingly providing false information.

2. Pending criminal charges that substantially relate to licensing activity.

BE IT FURTHER RESOLVED that the applicant may reapply for a Cigarette, Tobacco, and Electronic Vaping Device License no earlier than twelve (12) months from the date of this decision, if no further violations are obtained.

206740

Form **CTV-100**

Cigarette, Tobacco, and Electronic Vaping Device Retail License Application

FOR CLERKS ONLY
Municipality
License Period

Part A: Premises/Business Information

1. Legal Business Name (individual name if sole proprietor): Rolling Trees LLC

2. Business Trade Name or DBA: Rolling Trees

3. FEIN: 83-3793586

4. Wisconsin Seller's Permit Number: 456102979672604

5. Entity Type *(check one)*: ☐ Sole Proprietor ☐ Partnership ☑ Limited Liability Company ☐ Corporation

6. State of Organization: Wisconsin

7. Date of Organization: 03/01/2019

8. Wisconsin DFI Registration Number:

9. Premises Address (do not use PO Box): 444 Main st STE103

10. City: La Crosse

11. State: WI

12. Zip Code: 54601

13. County: La Crosse

14. Governing Municipality: ☑ City ☐ Town ☐ Village of: La Crosse

15. Aldermanic District:

16. Mailing Address (if different from premises address):

17. City:

18. State:

19. Zip Code:

20. Premises Phone: [redacted]

21. Premises Email: [redacted]

22. Website: rolling-trees-llc.myshopify.com

23. Premises Description - Describe the building or buildings where cigarettes, tobacco products, and electronic vaping devices are to be sold and stored. Describe all rooms including living quarters, if used, for the sales and/or storage of cigarettes, tobacco products, and electronic vaping devices and records. Cigarettes, tobacco products, and electronic vaping devices may be sold and stored ONLY on the premises described in this application. Attach a floor plan if possible.

It is the city square building in Down town la crosse. in the basement is where the products will be sold and they back stock will be in locked display cases.
Products will be sold in the main retail area.
Products will be stored in (6) display cases in main retail area.
Records will be Kept digitally at the main counter.

RECEIVED FEB 05 2026 City Clerks Office

Part B: Questions

1. What products will be sold at this business location? (check all that apply)
☐ Cigarettes ☑ Tobacco Products ☑ Electronic Vaping Devices

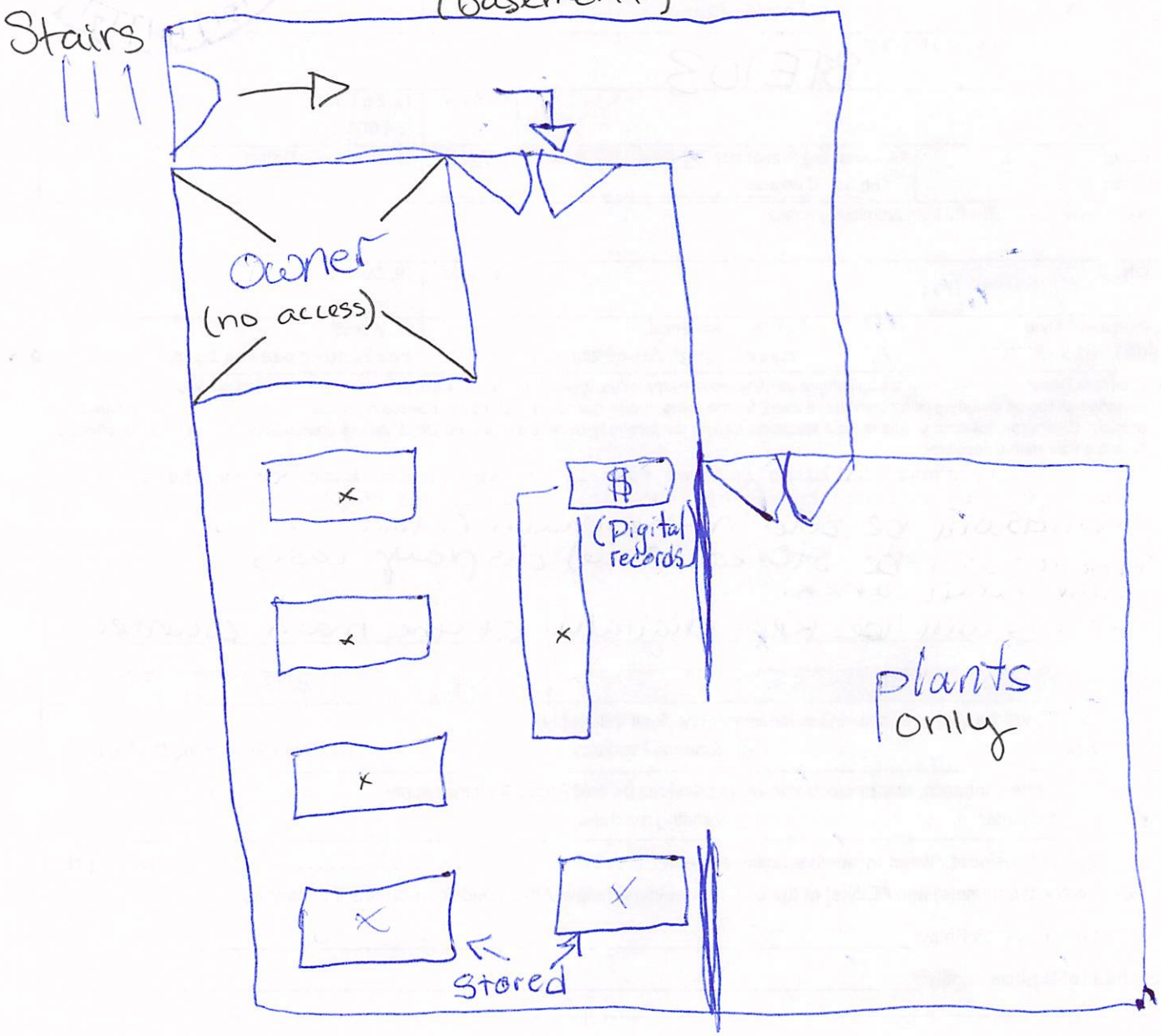
2. How will cigarettes, tobacco, and/or electronic vaping devices be sold? (check all that apply)
☑ Over the counter ☐ Vending machine

3. Is the applicant business owned by another business entity? ☐ Yes ☑ No
If yes, provide the name(s) and FEIN(s) of the business entity(s) below. Attach additional sheets if necessary

3a. Name of Business Entity:

3b. FEIN of Business Entity:

Rolling Trees LLC
444 Main St Ste 103
(Basement)



Part C: Individual Information

List the name, title, and phone number for each person or entity holding the following titles or positions in the applicant business and any businesses listed in Part B, Question 3: sole proprietor: all officers, directors, and agents of a corporation: all partners of a partnership: and all members and agents of a limited liability company. Attach additional sheets if necessary.

Include Form CTV-101, *Individual Questionnaire*, for each person listed below.

Last Name	First Name	Title	Phone
Andonegui	Allan	Owner	[redacted]

Part D: Attestation

One of the following must sign and attest to this application:

• sole proprietor • one general partner of a partnership • one corporate officer • one managing member of an LLC

READ CAREFULLY BEFORE SIGNING:

I understand and agree to the following:

- I will only purchase cigarettes, tobacco, and vapor products from distributors, jobbers, or subjobbers permitted by the Wisconsin Department of Revenue, unless I also hold the proper distributor's permit and pay all applicable excise taxes.
- I will not purchase or exchange products from another retailer, including transferring existing stock to a new owner.
- I will provide tobacco sales training that has been approved by the Wisconsin Department of Health Services to my employees. (https://witobaccocheck.org).
- I will not sell single cigarettes.
- I will not sell, give, or otherwise provide cigarettes, tobacco, or any nicotine products to minors.
- I will keep product invoices on the licensed premises for two years and ensure the records are available for inspection by law enforcement. Failure to comply with this will result in criminal penalties, including loss of inventory.
- I will not sell cigarettes or roll-your-own (RYO) tobacco products unless listed on the Wisconsin Department of Justice's directory of certified tobacco manufacturers and brands.

Further, under penalty provided by law, I state that this application has been truthfully answered to the best of my knowledge. I agree to operate this business according to law and that the rights and responsibilities conferred by the license(s), if granted, cannot be assigned to another. Any lack of access to any portion of a licensed premises during inspection will be deemed a refusal to allow inspection. Such refusal is a misdemeanor and grounds for revocation of this license. Any person who knowingly provides materially false information on this application may be required to forfeit not more than $1,000 if convicted.

Signature	Date
Allan Andonegui	2-4-26

Name (Last, First, M.I.)
Andonegui Allan K

Title	Email	Phone
Owner	[redacted]	

Part E: For Clerk Use Only

Date application was filed with clerk	Date license issued	Date license expires	License number
License fees	**Signature of Clerk/Deputy Clerk**		

Date

Form **CTV-101**

Cigarette, Tobacco, and Electronic Vaping Device License - Individual Questionnaire

Part A: Business Information

1. Legal Business Name (individual name if sole proprietor): Rolling trees LLC
2. Business Trade Name or DBA: Rolling Trees
3. Entity Type *(check one)*
   - ☐ Sole Proprietor
   - ☐ Partnership
   - ☒ Limited Liability Company
   - ☐ Corporation

Part B: Individual Information

1. Name (Last)	2. Name (First)	3. Name (M.I.)
Andonegui	Allan	K

4. Relationship to Business (Title)	5. Email	6. Phone
Owner	[redacted]	

7. Home Address: W5867 Hillcrest Dr

8. City	9. State	10. Zip Code	11. Date of Birth
La Crosse	WI	54601	[redacted]

12. Drivers License/State ID Number	13. Drivers License/State ID State of Issuance
[redacted]	Wisconsin

Part C: Individual's Address History

List in chronological order all of your addresses within the last 5 years. Attach additional sheets if necessary.

	City	State	Zip Code
Previous Address 1: 1209 Seiler In ~~La Crosse~~	la Crosse	WI	54601
Previous Address 2			
Previous Address 3			
Previous Address 4			
Previous Address 5			
Previous Address 6			

If applicable, list all states and counties you have lived in as an adult. Attach additional sheets if necessary.

State	County	State	County	State	County	State	County
State	County	State	County	State	County	State	County

Continued →

Part D: Individual's Criminal History

1. Have you ever been convicted of any offenses (other than traffic offenses) for violation of any federal, Wisconsin, or another state's laws, or of any county or municipal ordinances? ☒ Yes ☒ No

If yes to question 1, please list details of each conviction below:

Law/Ordinance Violated	Location	Trial Date
DUIs	la Crosse	around 2012
Penalty Imposed	**Was sentence completed?**	
Classes	☒ Yes ☐ No	
Law/Ordinance Violated	Location	Trial Date
Penalty Imposed	Was sentence completed? ☐ Yes ☐ No	
Law/Ordinance Violated	Location	Trial Date
Penalty Imposed	Was sentence completed? ☐ Yes ☐ No	

2. Are charges for any offenses currently pending against you (other than traffic offenses) for violation of any federal, Wisconsin, or another state's laws or any county or municipal ordinances? ☐ Yes ☒ No

If yes to question 2, describe nature and status of pending charges using the space below. Attach additional sheets as needed.

Part E: Attestation by Individual

READ CAREFULLY BEFORE SIGNING: I understand that I may be prosecuted for submitting false statements and affidavits in connection with this application, and that any person who knowingly provides materially false information on an application for cigarette, electronic vaping devices, and tobacco products retail license may be required to forfeit not more than $1,000 if convicted. I declare under penalties of the law that I have examined this information and, to the best of my knowledge, it is true, correct, and complete to the best of my knowledge and belief.

Signature	Date
Allen Cuff-Pyka	2-5-26

Part F: Licensing Authority Approval

I hereby certify that I have checked municipal and state criminal records. To the best of my knowledge, with the available information, this individual qualifies to serve in the reported role with the above-named business.

Name of Local Official	Title
Signature of Local Official	**Date**

Form **CTV-102**

Cigarette, Tobacco, and Electronic Vaping Device Appointment of Agent

Date

Agent Type (check one): ☒ Original ☐ Change

Part A: Agent Information

1. Last Name	2. First Name	3. M.I.
Andonegui	Allan	K

4. Email	5. Phone
[redacted]	[redacted]

6. Home Address: W5867 Hillcrest Dr

7. City	8. State	9. Zip Code
La Crosse	WI	54601

10. Date of Birth	11. Drivers License/State ID Number	12. Drivers License/State ID State of Issuance
[redacted]	[redacted]	Wisconsin

Part B: Questions

1. Have you completed Form CTV-101, *Cigarette, Tobacco, and Electronic Vaping Device License - Individual Questionnaire*? Submit a completed Form CTV-101 with this form. ☒ Yes ☐ No

2. If this is a change of agent, please describe the reason for the agent change. Attach additional sheets if necessary.

Part C: Business Information

1. Legal Business Name (individual name if sole proprietor): Rolling Trees LLC

2. Business Trade Name or DBA: Rolling Trees

3. Entity Type (check one): ☒ Limited Liability Company ☐ Corporation

4. Premises Address: 444 main st Ste 103

5. City	6. State	7. Zip Code
La Crosse	WI	54601

Part D: Attestations

READ CAREFULLY BEFORE SIGNING: I, the **Licensee**, authorize the above-named individual to act for the above-named corporation or limited liability company with full authority and control of the premises and of all business relative to cigarettes, tobacco products, and/or electronic vaping devices conducted therein. I certify that I am authorized by the entity to authorize this individual to act on behalf of the entity. If I am appointing a successor agent, I rescind all previous agent appointments for this premises. Further, I understand that I may be prosecuted for submitting false statements and affidavits in connection with this application, and that any person who knowingly provides materially false information on this application may be required to forfeit not more than $1,000 if convicted.

Signature of Licensee (officer, member, or authorized signatory)	Date
Allan Andonegui	2-5-26
Name of Person Signing for Licensee	**Title**
Allan Andonegui	Owner

READ CAREFULLY BEFORE SIGNING: I, the **Agent**, herby accept this appointment as agent for the above-named corporation or limited liability company and assume full responsibility for the conduct of all business relative to sales of cigarettes, tobacco products, and/or electronic vaping devices conducted on the premises for the above-named business. I further understand that I may be prosecuted for submitting false statements and affidavits in connection with this form, and that any person who knowingly provides materially false information on this form may be required to forfeit not more than $1,000 if convicted.

Signature of Agent	Date
Allan Andonegui	2-5-26

LA CROSSE
POLICE DEPARTMENT
LEAD. PARTNER. PROTECT.

February 6, 2026

ALLAN K. GUZMAN-ANDONEGUI
DBA: ROLLING REES LLC
444 MAIN ST
STE 103
LA CROSSE, WI 54601

Dear Allen Guzman-Andonegui:

Your application for a city issued cigarette, tobacco and electronic vaping license is being recommended for denial for the following reason(s):

(__) Probation/Parole status:

(_X_) Current charges pending: Forgery - Uttering

(__) Outstanding warrant(s):

(__) Past conviction record:

(__) Incomplete Application:

(__) Other:

If you have questions or want to discuss this recommendation, please contact the Police Records Supervisor Greg Elsen at (608) 789-7230.

You may also appeal this denial by requesting a hearing before the Judiciary and Administration Committee of the Common Council no later than 4:00 P.M., by the 15th of the month. This can be done by contacting the City Clerk at (608) 789-7510.

Sincerely,

Shawn P. Kudron
Chief of Police

By:
Greg Elsen
Records Supervisor

cc. Chief of Police, City Attorney, City Clerk

Smithburg, Alicia

From: Elsen, Greg
Sent: Monday, March 2, 2026 9:35 AM
To: myrollingtrees@gmail.com
Subject: Pending Tobacco License
Attachments: Allan Andonegui Denial.pdf

Mr. Guzman-Andonegui,

Your application for a tobacco license is still under a recommendation of denial for pending criminal charges. When we last talked on the phone, I had told you that there appears that the District Attorney's office had an offer to resolve the case with a plea, but you said that you were not going to take the plea.

Until this case is resolved, the recommendation of denial will stay. If you wish to appeal this, you will need to contact the City Clerk's office to schedule the appeal hearing.

Respectfully,

Greg Elsen
Records Supervisor
La Crosse Police Department
400 La Crosse Street, La Crosse, WI 54601
Phone: 608-789-7230
Fax: 608-789-7250
www.cityoflacrosse.org/police

Confidential and Protected:
The information contained in this email message may be confidential and protected from disclosure. This email is intended solely for the recipient to whom it is addressed. Any review, transmission, dissemination, distribution, copying, or other use is strictly prohibited. If you have received this email in error, please respond to the sender at elseng@cityoflacrosse.org and delete the material from any computer and/or server

Office of City Clerk

March 5, 2026

ROLLING TREES LLC DBA ROLLING TREES
ATTN: ALLAN K. GUZMAN-ANDONEGUI
444 MAIN ST STE 103
LA CROSSE WI 54601

Re: Cigarette, Tobacco, and Electronic Vaping Device License – Appeal of Denial

Dear Allan,

Pursuant to your request, a hearing has been scheduled before the Judiciary & Administration Committee, allowing you to appeal the decision of the Police Department regarding the Cigarette, Tobacco, and Electronic Vaping Device license.

Please be advised that a hearing is scheduled for Tuesday, March 31, 2026, at 5:00 p.m. in the Council Chambers at La Crosse City Hall, 400 La Crosse Street. Please enter through the meeting room entrance, which is to the left of the main entrance doors.

At said hearing, you have the right to be represented by an attorney at your own expense, the right to present evidence and testimony, and cross-examine any witnesses produced by the City. If you fail to appear at the hearing, the denial of your license will be upheld.

If you have any questions prior to the hearing, feel free to contact me directly.

Sincerely,

Sondra Craig

Sondra Craig, Deputy Clerk
craigs@cityoflacrosse.org
608-789-7549

cc: Mackenzie Mindel, Chair Judiciary & Administration Committee
Stephen Matty, City Attorney
Greg Elsen, Police Department

LA CROSSE
POLICE DEPARTMENT
LEAD. PARTNER. PROTECT.

February 6, 2026

ALLAN K. GUZMAN-ANDONEGUI
DBA: ROLLING TREES LLC
444 MAIN ST
STE 103
LA CROSSE, WI 54601

Dear Allen Guzman-Andonegui:

Your application for a city issued cigarette, tobacco and electronic vaping license is being recommended for denial for the following reason(s):

(__) Probation/Parole status:

(_X_) Current charges pending: Forgery - Uttering

(__) Outstanding warrant(s):

(__) Past conviction record:

(__) Incomplete Application:

(__) Other:

If you have questions or want to discuss this recommendation, please contact the Police Records Supervisor Greg Elsen at (608) 789-7230.

You may also appeal this denial by requesting a hearing before the Judiciary and Administration Committee of the Common Council no later than 4:00 P.M., by the 15th of the month. This can be done by contacting the City Clerk at (608) 789-7510.

Sincerely,

Shawn P. Kudron
Chief of Police

By:
Greg Elsen
Records Supervisor

cc. Chief of Police, City Attorney, City Clerk

For Official Use

STATE OF WISCONSIN **CIRCUIT COURT** **LA CROSSE COUNTY**

STATE OF WISCONSIN
Plaintiff,

vs.

Allan K Guzman Andonegui
[redacted]
Eye Color:
Hair Color:
Height: ;
Weight: ;
Alias:

Defendant.

DA Case No.: 2025LC001413
Assigned DA/ADA: Nick Passe
Agency Case No.: 10-25-14537
Court Case No.:
ATN:

CRIMINAL COMPLAINT

Sergeant Brandon Penzkover, La Crosse County Sheriff's Department, being first duly sworn on oath says that on information and belief:

Count 1: UTTERING A FORGERY

The above-named defendant on or about Friday, March 21, 2025, at 307 Main Street, #301, in the City of La Crosse, La Crosse County, Wisconsin, did utter as genuine, any forged writing or writing of a kind whereby legal rights and obligations are created, knowing the writing to have been falsely made, to wit: a check, contrary to sec. 943.38(2), 939.50(3)(h) Wis. Stats., a Class H Felony, and upon conviction may be fined not more than Ten Thousand Dollars ($10,000), or imprisoned not more than six (6) years, or both.

and prays that the defendant be dealt with according to law; that the basis for complainant's charge of such offense is:

FACTUAL BASIS:

Your complainant relies on the official report of Officer Clason:

SUMMARY:

On April 10, 2025 at 12:50 p.m., I met with Brent Welch, who is the Co-Owner of Tree Huggers Cannabis LLC. Brent had mailed a check to a vendor in Minneapolis. The check was stolen and deposited. A suspect of Allan Guzman Andonegui was identified. Allan has yet to be located or interviewed reference this case. I am asking the District Attorney's office to review this case for the charge of forgery.

NARRATIVE:

DISPATCHED:

On April 10, 2025 at 12:50 p.m., I was dispatched to a fraud complaint at 307 Main Street, #301. The complainant was at the LCPD lobby and lived in Caledonia, Minnesota, but had a check stolen that was mailed to a vendor of theirs.

INTERVIEW WITH BRENT WELCH:

I arrived at the City of La Crosse Police Department and verbally identified Brent Welch. He was escorted to Interview Room #2 at the police department. Brent advised he was a Co-Owner for Tree Huggers Cannabis LLC and they had recently discovered a stolen and deposited check from their business through their accounting.

Brent showed me several documents regarding the bank and the fraud/forgery investigation form, which he had completed for Merchant's Bank. Tree Huggers Cannabis had written a check on February 7, 2025 with the company name listed at the top through their bank, Merchant's Bank. The pay to the order section of the check was filled out with Tree Huggers Cannabis MN LLC and the check was made out to OnPoint Foraging LLC, with a listed address of 4912 France Avenue North, in Minneapolis, Minnesota. Brent advised the check amount was for $1,271.00 and had Check #001213. Brent was able to provide me a copy of the deposited check.

Brent stated the check was sent from 307 Main Street #301 in La Crosse to the address previously listed, in Minneapolis. He stated their vendors accountant had advised the check did not arrive from Tree Huggers Cannabis LLC, but they had moved locations, as well as their mailbox being broken into. He contacted Merchant's Bank, who advised the check had been deposited into a Capital One account, but they were unable to access any other details. They also advised that it appeared that the pay to the order of section of the check had been whited out and filled in with the name "Allan Ainteueu".

Both Brent and/or his merchant were unsure who this person was or how else they would have obtained the check. Brent advised he wished to file a police report and pursue charges if applicable and did not consent to anyone rewriting the check or depositing the check that did not have consent to do so. Brent allowed me to make copies of the copied deposited check's front and back, as well as the fraud/forgery investigation form and an affidavit of forgery from the bank, which had been notarized. These copies will be attached to this report. I provided Brent a crime victim sheet as well at this time.

CONTACT WITH MERCHANT'S BANK:

I made contact with a representative from Merchant's Bank, based in Onalaska, Wisconsin. The representative was aware of the situation and had recently talked to Brent. She stated as far as they could tell, the check had been whited out with a name written into the pay to the order of section. The name previously mentioned, "Allan Ainteueu", was her best guess as to what name was written on the check, as it is difficult to make out the name on the deposited check.

On the back of the check, it is written "Capital One, NA Richmond, Virginia RDC Deposit" and the last four of an account number, 9318.

The representative from Merchant's advised it appears this is an RDC mobile deposit through Capital One, deposited through Richmond, Virginia. She advised they had no further information on the person who deposited the check and/or what account the check was deposited into. She told me an RDC deposit is usually made by taking photos of the check on the persons personal phone. The person never would have entered a bank branch. She was able to give me the account number for the Merchant's check number, which was 30066078. The check number of 001213, and the pay date was 03/21/2025.

CONTACT WITH CAPITAL ONE BANK:

I attempted contact with Capital One Bank and was unable to speak with a person over the phone. I located a law enforcement referral email. I completed an email to the law enforcement referral email regarding this incident and the necessary information in the attempts that they could identify who deposited the check and the associated account. At the time of this report, I am waiting to hear back from Capital One.

On 04/15/25 I received an email from Abby Zetocha-Tasto from Capital One fraud investigations department. I made phone contact with Abby who was able to provide many details about the persons account which had mobile deposited the check. Abby advised the persons account was an Allan K. Andonegui with a birthday of [redacted]. She advised she had restricted his account due to the possibility of fraudulent activity.

Allan had reached out to customer support due to this and the representative had added notes to the account. They advised Allan did not deny cashing the check with is phone and stated it was payment from Tree Huggers LLC for a cleaning job he had completed. They also advised it sounded as if Allan had to think of the answers before answering them on the phone and would take long breaks between them asking and him answering.

They were able to identify Allan's residential listed address as well as a mailing address. They also provided his phone number. They were able to identify the IP address related to his mobile device as well: [redacted] Abby advised she believed Allan was operating through a VPN due to the deposit stating it occurred in Wheeling IL, but only one hour later the device appeared in La Crosse WI. She also stated he had been a long-standing customer and had direct deposits from Mayo hospital.

IDENTIFICATION/ATTEMPTED CONTACT WITH ALLAN GUZMAN ANDONEGUI:

Based on Allan's name being on the check and his account being the one which the check was deposited into, he was identified as the forgery suspect in this case. I attempted phone contact with Allan via his phone number provided to me by Capital One. I also attempted contact at his residential address listed at [redacted] There was no answer at the residence and it was recently sold in early 2025. I was unable to leave a voicemail for Allan to call me back.

Based on the mailing address provided by Capital One of [redacted] I identified the owner as Adam Wallace. I attempted phone contact with Adam and left a voicemail advising him to callback if he knows the whereabouts of Allan.

CONTACT WITH BRENT WELCH:

I again made phone contact with Brent to update him on my findings. Brent advised they did not and would not have written a check in that manner. He advised all of their checks are written by their accounting/investment firm located at the incident address. He advised he is unsure how/when this person would have been able to obtain the check. He was going to check with his accountant to see if Allan would have had a chance to take the check or any other way the check may have been misplaced.

DISPOSITION:

At the time of this report Allan Guzman Andonegui was identified as the suspect in this case. If Allan is contacted he should be interviewed reference this case. Due to not being able to interview Allan I am asking the District Attorney's office to review this case for the referred charge of forgery.

Subscribed and sworn to before me on 05/14/25
Electronically Signed By:
Jessica Skemp
Assistant District Attorney
State Bar #: 1025642

Electronically Signed By:
Sgt. Penzkover
Complainant

26-04774

N 1439153 **WISCONSIN UNIFORM MUNICIPAL COURT CITATION AND COMPLAINT** ☐ Juvenile | *Deposit Permitted $ 187.00 ☐ Cash ☐ Card | (For Court Use only)

You Are Notified To Appear
Is this a mandatory appearance? ☐ yes ☒ no
(Read the reverse side of this citation for court information.)
Date 03/18/26
Time ~~0830~~ 0830a ☒ AM ☐ PM
La Crosse Municipal Court
400 La Crosse ~~County~~ St
& La Crosse WI 54601

Defendant Name - Last: Rolling Trees LLC. | First | MI
Street Address: 444 Main St #103 | Post Office: La Crosse | State: WI | Zip Code: 54601
Driver License Number or Other I.D. (specify) | State | Exp. Yr.
Date of Birth | Sex | Race | Height | Weight | Hair | Eyes
License Plate Number — | Plate Type — | State — | Exp. Yr. —

Plaintiff: ☒ City ☐ Village ☐ Town
OF: La Crosse
Defendant Violated: Ordinance No. 10-171 | Adopting State Statute No.
Description of Violation: sellers permit tobacco/vapes

Week Day	Month - Day - Year	Time		At	County
Wed	02/4/26	1516	☐ AM ☒ PM	444 Main St #103	La Crosse

Citation Served: ☒ Personally ☐ Mailed to defendant's last known address
☐ Left with person residing at defendant's residence: Name _____ Age ____

Name & Address of Parent/Guardian/Legal Custodian (if minor defendant)

Print Officer Name	Department	I.D. No.	Date Citation Issued	Telephone Number of Parent/Guardian/Legal Custodian
Sgt. Mandrjano	LCPD	2152	2/12/26	

MC-2000, 10/01

COURT COPY

AGENCY RECORD

Date of Disposition

PLEA: ☐ Guilty ☐ No Contest ☐ Not Guilty
Other Disposition:

FINDING: ☐ Guilty ☐ Default ☐ Not Guilty ☐ Dismissed ☐ Forfeiture $ ____

Court Officer

Incident Report

On 02/04/26 I conducted a Tobacco Compliance check at Rolling Trees located at 444 Main St. #103 in the City of La Crosse. Contact was made with owner, Allan K. Andregan [redacted] via phone who said he did not think he had a sellers permit. I contacted the City Clerk and verified he did not. I followed up on 2/12/26 with Allan at Rolling Trees and issued him a ~~Municipal~~ Citation for no sellers permit. He was advised of his Court date and released.

Comments

Craig, Sondra

From: Allan Andonegui <andoneguiallan@gmail.com>
Sent: Tuesday, March 31, 2026 4:52 PM
To: Craig, Sondra
Subject: Letter

*** CAUTION: This email originated from an external sender. DO NOT click links or open attachments unless you recognize the sender and know the content is safe. ***

Dear Members of the La Crosse City Council,

I am writing to formally dispute the denial of my tobacco and vape license. My business, Rolling Trees, has operated in La Crosse for nearly nine years, always ensuring full compliance with regulations and tax obligations.

About a year ago, on a Thursday when I typically work, I found a check addressed to me personally in the office. Following standard protocol, I deposited the check. I held it for five days, waiting for any issues. It wasn't until nearly two months later, after the check had cleared, that Capital One contacted me, informing me it was tied to a crime. At the time, I had no knowledge of this connection. I stated it was for a job I had done, not knowing what they were referring to at the time. I simply received a payment, and I never profited or spent any of these funds. I dont even know how to make a fake check. My account with capital one was closed and the funds refunded.

While I thought that was the end of it, I continued my life as normal. A few months after this, I tried to get a position as a medical interpreter through Emplify/Gundersen. I got the job; however, something was flagged on my background check. At this time I found out there was still charges on my record. After months of me going to court appearances to try and have these outrageous charges dropped, my case kept getting moved/pushed back and eventually Emplify rescinded their offer and told me I could reapply once this situation was cleared up.

Despite my innocence, I was accused of forgery and theft. After three court appearances, this has still not been cleared up, while the DA wants a settlement requiring fines and community service, even though I pled not guilty. The charges persist despite the money being returned, and I fear this is a targeted attack on myself and business, given that the claim was made by a direct competitor. This ongoing situation harms not only me but also the city's tax revenue, as I cannot operate fully.

I urge the council to approve my tobacco license and to drop these unjust charges, so I can rebuild both my business and my reputation.

Sincerely,
Allan Andonegui
Owner, Rolling Trees

City of La Crosse, Wisconsin

City Hall
400 La Crosse Street
La Crosse, WI 54601

Text File

File Number: 26-0254

Agenda Date: 4/9/2026

Version: 1

Status: Recommended to be Adopted

In Control: Common Council

File Type: Resolution

Agenda Number:

Resolution approving Preliminary Plat of Featherstone Rise - Part of the Northwest 1/4 & Northeast 1/4 of the Northwest 1/4 of Section 7 and Part of the Southwest 1/4 & Southeast 1/4 of the Southwest 1/4 of Section 6, all in Township 15 North, Range 6 West, Town of Shelby, La Crosse County, Wisconsin.

RESOLUTION

BE IT RESOLVED by the Common Council of the City of La Crosse that the Preliminary Plat of Featherstone Rise to the City of La Crosse, La Crosse County, Wisconsin being made in accordance with the Wisconsin Statutes, is hereby approved.

BE IT FURTHER RESOLVED that the City Clerk and other required City staff or officers are authorized to sign said plat after reports of full compliance have been received from the departments at the City and County of La Crosse who review said plat as required by Municipal Code.

OFFICE OF
CITY ENGINEER
CITY HALL
400 LA CROSSE ST
LA CROSSE WI 54601-3396
(608) 789-7505

FEATHERSTONE RISE
PRE-PLAT SUBMITTALS
EXTRA-TERRITOCIAL

(PRELIMINARY AND FINAL) PLAT SUBMITTAL CHECK LIST

To be completed by Engineering before filing with the City Clerk

(Note: More than one checklist item may be on a sheet of paper)

1. ✓ Preliminary Plat (Face Plat)
2. ✓ Survey Plat (Existing Conditions)
3. ✓ Site Plan (Tree, Lighting, Parks)
4. ✓ Grading Plan (Proposed Grades)
5. ✓ Erosion Control Plan
   a. Silt fence
   b. Mats
   c. Tracking Pads
   d. 30 % Slopes (If Necessary)
   e. Rip-Rap
   f. Grades (Proposed/Existing)
6. ✓ Hydrology (Pre/Post), Soils, and Calculations book
   a. Storm water Narrative
7. ✓ Utility Plan
   a. Sanitary
   b. Water
   c. Storm
8. ✓ Plan and Profile
   a. Street
   b. Utility
9. ✓ Structure Details
   a. Erosion Protection
   b. Street
   c. Utilities (If Necessary)
10. ✓ Covenants and Restrictions

VL 3/4/26

To be completed by City Clerk at time of filing:

11. 3/10/2026 Twelve (12) sets; five (5) of those full sets (i.e. site plan, grading plan, erosion control, etc.)
12. n/a Public Site Fee (Due at Final Plat Submittal - $100/lot in lieu of public lands dedication)
    (Applies to all residential projects, including condos; does not apply to commercial plats or commercial condos.)
13. 3/10/2026 Reviewing Fees
    Preliminary $500.00
    Final $200.00
    Reapplication $100.00
    (If filing prelim and final simultaneously, $700.00 is due at filing.)

BEFORE FILING WITH THE CITY, you must have both Town and County approvals. The Plan Commission may not consider any subdivision or land division which did not have prior approval by the approving authorities for both the Town(s) and La Crosse County.

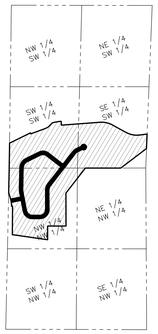
Town Board Approved: 2/17/2026 (Date) La Crosse County Approved: 3/2/2026 (Date)

Rev. 12/2015

PRELIMINARY PLAT OF
FEATHERSTONE RISE

PART OF THE NORTHWEST 1/4 & NORTHEAST 1/4
OF THE NORTHWEST 1/4 OF SECTION 7 AND
PART OF THE SOUTHWEST 1/4 & SOUTHEAST 1/4
OF THE SOUTHWEST 1/4 OF SECTION 6,
ALL IN TOWNSHIP 15 NORTH, RANGE 6 WEST,
TOWN OF SHELBY, LA CROSSE COUNTY, WISCONSIN.

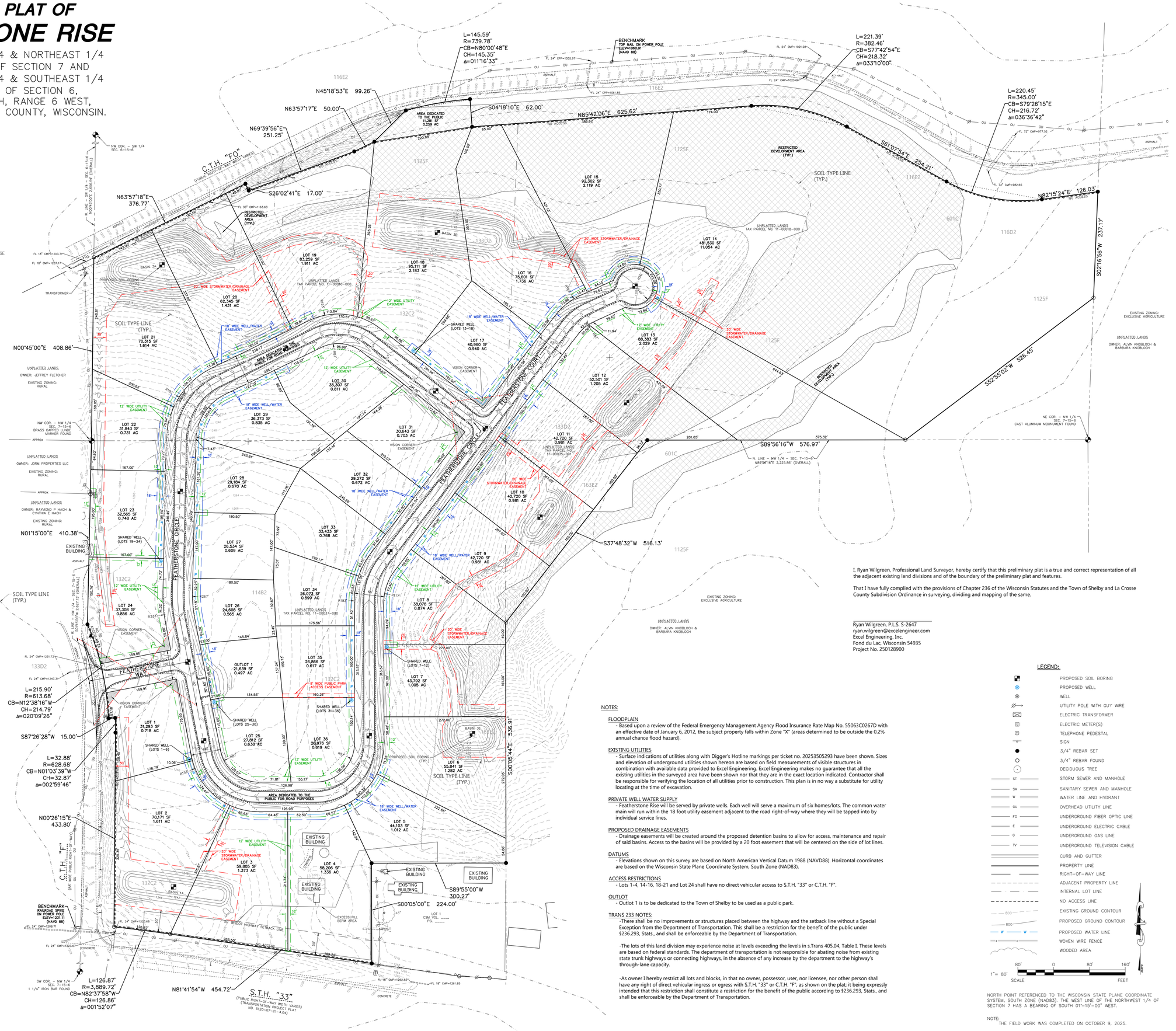
VICINITY MAP
SW 1/4, SECTION 6-15-6
SCALE 1"=1000'



VICINITY MAP
NW 1/4, SECTION 7-15-6
SCALE 1"=1000'

= FEATHERSTONE RISE SUBDIVISION

TOTAL AREA
54.886 ACRES
2,390,834 SQ. FT.



OWNER/DEVELOPER/SUBDIVIDER:
FEATHERSTONE RISE LLC
232 3RD STREET N., SUITE 202
LA CROSSE, WI 54601

ENGINEER & SURVEYOR:
EXCEL ENGINEERING, INC.
100 CAMELOT DRIVE
FOND DU LAC, WI 54935

I, Ryan Wilgreen, Professional Land Surveyor, hereby certify that this preliminary plat is a true and correct representation of all the adjacent existing land divisions and of the boundary of the preliminary plat and features.

That I have fully complied with the provisions of Chapter 236 of the Wisconsin Statutes and the Town of Shelby and La Crosse County Subdivision Ordinance in surveying, dividing and mapping of the same.

Ryan Wilgreen, P.L.S. S-2647
ryan.wilgreen@excelengineer.com
Excel Engineering, Inc.
Fond du Lac, Wisconsin 54935
Project No. 250128900

NOTES:

FLOODPLAIN
- Based upon a review of the Federal Emergency Management Agency Flood Insurance Rate Map No. 55063C0267D with an effective date of January 6, 2012, the subject property falls within Zone "X" (areas determined to be outside the 0.2% annual chance flood hazard).

EXISTING UTILITIES
- Surface indications of utilities along with Digger's Hotline markings per ticket no. 20253505293 have been shown. Sizes and elevation of underground utilities shown hereon are based on field measurements of visible structures in combination with available data provided to Excel Engineering. Excel Engineering makes no guarantee that all the existing utilities in the surveyed area have been shown nor that they are in the exact location indicated. Contractor shall be responsible for verifying the location of all utilities prior to construction. This plan is in no way a substitute for utility locating at the time of excavation.

PRIVATE WELL WATER SUPPLY
- Featherstone Rise will be served by private wells. Each well will serve a maximum of six homes/lots. The common water main will run within the 18 foot utility easement adjacent to the road right-of-way where they will be tapped into by individual service lines.

PROPOSED DRAINAGE EASEMENTS
- Drainage easements will be created around the proposed detention basins to allow for access, maintenance and repair of said basins. Access to the basins will be provided by a 20 foot easement that will be centered on the side of lot lines.

DATUMS
- Elevations shown on this survey are based on North American Vertical Datum 1988 (NAVD88). Horizontal coordinates are based on the Wisconsin State Plane Coordinate System, South Zone (NAD83).

ACCESS RESTRICTIONS
- Lots 1-4, 14-16, 18-21 and Lot 24 shall have no direct vehicular access to S.T.H. "33" or C.T.H. "F".

OUTLOT
- Outlot 1 is to be dedicated to the Town of Shelby to be used as a public park.

TRANS 233 NOTES:
-There shall be no improvements or structures placed between the highway and the setback line without a Special Exception from the Department of Transportation. This shall be a restriction for the benefit of the public under §236.293, Stats., and shall be enforceable by the Department of Transportation.

-The lots of this land division may experience noise at levels exceeding the levels in s.Trans 405.04, Table I. These levels are based on federal standards. The department of transportation is not responsible for abating noise from existing state trunk highways or connecting highways, in the absence of any increase by the department to the highway's through-lane capacity.

-As owner I hereby restrict all lots and blocks, in that no owner, possessor, user, nor licensee, nor other person shall have any right of direct vehicular ingress or egress with S.T.H. "33" or C.T.H. "F", as shown on the plat; it being expressly intended that this restriction shall constitute a restriction for the benefit of the public according to §236.293, Stats., and shall be enforceable by the Department of Transportation.

LEGEND:

- PROPOSED SOIL BORING
- PROPOSED WELL
- WELL
- UTILITY POLE WITH GUY WIRE
- ELECTRIC TRANSFORMER
- ELECTRIC METER(S)
- TELEPHONE PEDESTAL
- SIGN
- 3/4" REBAR SET
- 3/4" REBAR FOUND
- DECIDUOUS TREE
- ST — STORM SEWER AND MANHOLE
- SA — SANITARY SEWER AND MANHOLE
- W — WATER LINE AND HYDRANT
- OU — OVERHEAD UTILITY LINE
- FO — UNDERGROUND FIBER OPTIC LINE
- E — UNDERGROUND ELECTRIC CABLE
- G — UNDERGROUND GAS LINE
- TV — UNDERGROUND TELEVISION CABLE
- CURB AND GUTTER
- PROPERTY LINE
- RIGHT-OF-WAY LINE
- ADJACENT PROPERTY LINE
- INTERNAL LOT LINE
- NO ACCESS LINE
- 800 — EXISTING GROUND CONTOUR
- 800 — PROPOSED GROUND CONTOUR
- W W — PROPOSED WATER LINE
- WOVEN WIRE FENCE
- WOODED AREA

1" = 80' SCALE: 80' 0 80' 160' FEET

NORTH POINT REFERENCED TO THE WISCONSIN STATE PLANE COORDINATE SYSTEM, SOUTH ZONE (NAD83). THE WEST LINE OF THE NORTHWEST 1/4 OF SECTION 7 HAS A BEARING OF SOUTH 01°-15'-00" WEST.

NOTE:
THE FIELD WORK WAS COMPLETED ON OCTOBER 9, 2025.

EXCEL
Always a Better Plan
100 Camelot Drive
Fond du Lac, WI 54935
920-926-9800
excelengineer.com

PROJECT INFORMATION

PRELIMINARY PLAT
FEATHERSTONE RISE
S.T.H. "33" • LA CROSSE, WI 54601

PROFESSIONAL SEAL

PRELIMINARY DATES
JAN. 9, 2026
JAN. 21, 2026
FEB. 23, 2026

NOT FOR CONSTRUCTION

JOB NUMBER
250128900

SHEET NUMBER
PP

2025 © EXCEL ENGINEERING, INC.

PROPOSED RESIDENTIAL SUBDIVISION

FEATHERSTONE RISE

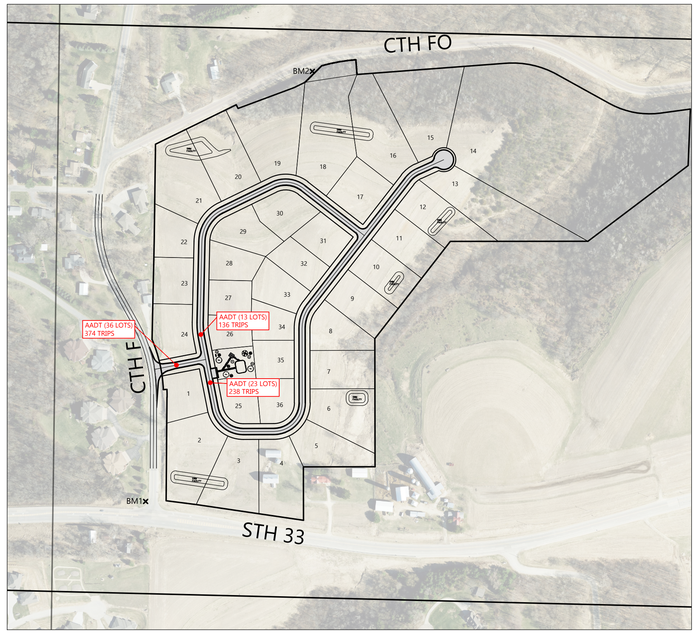
LA CROSSE, WI

SHEET INDEX

SHEETS BELOW INTENDED TO BE PRINTED IN: COLOR. REFER TO DIGITAL FORMAT DRAWINGS IF PRINTED GRAYSCALE TO ENSURE SCOPE CLARITY.

NUMBER	SHEET NAME/DESCRIPTION	PRELIMINARY	ISSUED FOR APPROVAL	ISSUED FOR CONSTRUCTION
	DATE:	JAN. 9, 2025	FEB. 23, 2025	
TITLE SHEET, SPECIFICATIONS, AND DETAILS				
C1.0	CIVIL COVER SHEET	PRELIM	PRELIM	
C2.0	DETAILS	PRELIM	PRELIM	
C2.1	BIOFILTRATION DETAILS	PRELIM	PRELIM	
C2.2	BIOFILTRATION DETAILS	PRELIM	PRELIM	
C2.3	BIOFILTRATION DETAILS	PRELIM	PRELIM	
EXISTING CONDITIONS AND DEMOLITION PLAN				
C3.0	EXISTING SITE AND DEMOLITION PLAN	PRELIM	PRELIM	
MASS GRADING AND EROSION CONTROL				
C4.0	OVERALL MASTER GRADING AND EROSION CONTROL PLAN	PRELIM	PRELIM	
C4.1	SOUTH MASTER GRADING AND EROSION CONTROL PLAN	PRELIM	PRELIM	
C4.2	NORTHWEST MASTER GRADING AND EROSION CONTROL PLAN	PRELIM	PRELIM	
C4.3	NORTHEAST MASTER GRADING AND EROSION CONTROL PLAN	PRELIM	PRELIM	
UTILITY SYSTEM PLAN				
C5.0	SYSTEM PLAN	PRELIM	PRELIM	
C5.1	SOUTH SYSTEM PLAN	PRELIM	PRELIM	
C5.2	NORTHWEST SYSTEM PLAN	PRELIM	PRELIM	
C5.3	NORTHEAST SYSTEM PLAN	PRELIM	PRELIM	
ROAD AND STORM PLAN AND PROFILE				
C6.0	FEATHERSTONE WAY	PRELIM	PRELIM	
C6.1	FEATHERSTONE CIRCLE	PRELIM	PRELIM	
C6.2	FEATHERSTONE CIRCLE	PRELIM	PRELIM	
C6.3	FEATHERSTONE CIRCLE	PRELIM	PRELIM	
C6.4	FEATHERSTONE CIRCLE	PRELIM	PRELIM	
C6.5	FEATHERSTONE COURT	PRELIM	PRELIM	
PARK LAYOUT EXHIBIT				
C7.0	PARK LAYOUT EXHIBIT	PRELIM	PRELIM	

SHEET INDEX LEGEND:
PRELIMINARY SHEET = PRELIM
ISSUED FOR APPROVAL = IFA
ISSUED FOR CONSTRUCTION = ●



SUBDIVISION LAYOUT OVERVIEW

NORTH

SCALE: 1"= 300'
300' 0 300' 600'

LEGEND

NOTE: ALL SYMBOLS SHOWN MAY NOT APPEAR ON DRAWINGS.

SYM.	IDENTIFICATION	SYM.	IDENTIFICATION
SPOT ELEVATIONS			
888.30	PROPOSED SPOT ELEVATIONS	877.37	PROPOSED SPOT ELEVATIONS - INTERSECTION PLANS (FLOW LINE OF CURB UNLESS OTHERWISE SPECIFIED)
893.0 EG	EXISTING GRADE SPOT ELEVATIONS	876.3	INTERMEDIATE GRADE SPOT ELEVATIONS
EXISTING SITE SYMBOLS			
	EXISTING SIGN		EXISTING UTILITY POLE
	EXISTING WATER VALVE IN BOX		EXISTING UTILITY POLE WITH GUY WIRE
	EXISTING WATER VALVE IN MANHOLE		EXISTING STREET LIGHT
	EXISTING WATER SERVICE VALVE	T	EXISTING TELEPHONE PEDESTAL
	EXISTING WELL	E	EXISTING ELECTRIC PEDESTAL
	EXISTING STORM CATCH BASIN		EXISTING ELECTRIC BOX
	EXISTING STORM CURB INLET		EXISTING FLOOD LIGHT
	EXISTING SQUARE CATCH BASIN	T	EXISTING TELEPHONE MANHOLE
	EXISTING END SECTION	C	EXISTING CABLE TV PEDESTAL
	EXISTING LIGHT POLE		EXISTING GAS VALVE
	1-1/4" REBAR SET WEIGHING 4.30 LB/FT.		EXISTING HEDGE
	3/4" REBAR SET WEIGHING 1.50 LB/FT.		EXISTING WOODED AREA
	1-1/4" REBAR FOUND		EXISTING MARSH AREA
	3/4" REBAR FOUND		EXISTING DECIDUOUS TREE WITH TRUNK DIAMETER
	2" IRON PIPE FOUND		EXISTING CONIFEROUS TREE
	1" IRON PIPE FOUND		EXISTING SHRUB
	SECTION CORNER		EXISTING STUMP
PROPOSED SITE SYMBOLS			
	PROPOSED SIGN		PROPOSED DRAINAGE FLOW
	PROPOSED WATER VALVE IN BOX		INTERMEDIATE DRAINAGE FLOW
	PROPOSED WATER SERVICE VALVE (CURB STOP)		SOIL BORING
	PROPOSED STORM FIELD INLET - ST FI	CO	PROPOSED CLEANOUT
	PROPOSED STORM CURB INLET - ST CI		PROPOSED BALE DITCH CHECK
	PROPOSED STORM END SECTION		PROPOSED SILT LOG
		IP	PROPOSED TYPE B INLET PROTECTION
EXISTING LINETYPES			
	EXISTING CHAINLINK FENCE	800	EXISTING GROUND CONTOUR
	EXISTING WOOD FENCE	FO	EXISTING UNDERGROUND FIBER OPTIC LINE
	EXISTING BARBED WIRE FENCE	E	EXISTING UNDERGROUND ELECTRIC CABLE
	EXISTING CURB AND GUTTER	T	EXISTING UNDERGROUND TELEPHONE CABLE
	EXISTING GUARD RAIL	G	EXISTING UNDERGROUND GAS LINE
ST	EXISTING STORM SEWER AND MANHOLE	OU	EXISTING OVERHEAD UTILITY LINE
SA	EXISTING SANITARY SEWER AND MANHOLE		EXISTING RAILROAD TRACKS
2"W	EXISTING WATER LINE AND HYDRANT		EXISTING RIGHT-OF-WAY LINE
PROPOSED LINETYPES			
	PROPOSED SILT FENCE	ST	PROPOSED STORM SEWER AND MANHOLE - ST MH
	PROPOSED CURB AND GUTTER	SA	PROPOSED SANITARY SEWER AND MANHOLE - SAN MH
800	PROPOSED GROUND CONTOUR	2"W	PROPOSED WATER LINE AND HYDRANT
760	INTERMEDIATE GROUND CONTOUR		PHASE LIMITS
	PROPOSED PROPERTY LINE		

PROJECT CONTACTS

OWNER INFORMATION:
FEATHERSTONE RISE
NICK WEBER
129 VINE STREET
LA CROSSE, WI 54601
Phone: (608)385-9393
Email: nick@lacrossedistilling.co

CIVIL:
EXCEL ENGINEERING
GRANT DUCHAC, P.E.
100 CAMELOT DRIVE
FOND DU LAC, WI 54935
Phone: (920) 322-1681
E-mail: grant.d@excelengineer.com

TOWN ADMINISTRATOR:
CHRISTINA PETERSON
Phone: (608)788-1032
E-mail: cpeterson@townofshelbywi.gov

COUNTY PLANNER:
DILLON CONSTANT
Phone: (608)789-7806
E-mail: dconstant@lacrossecounty.org

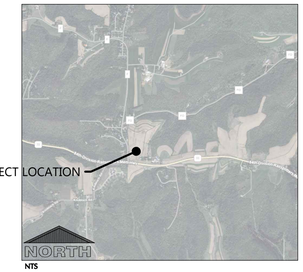
TOWN FIRE CHIEF:
TOWN OF SHELBY
TONY HOLINKA
Phone: (608) 788-1032 x7
E-mail: shelbyfirechief@townofshelbywi.gov

TOWN BUILDING INSPECTOR:
GENERAL ENGINEERING COMPANY
BOB ALSENS
Phone: (608) 742-2169
E-mail: balsens@generalengineering.net

TOWN DIRECTIOR OF PUBLIC WORKS:
TOWN OF SHELBY
TERRY WRIGHT
Phone: (608) 788-1032 x7
E-mail: twright@townofshelbywi.gov

LOCATION MAP





NTS

PROJECT NOTES

GENERAL PROJECT NOTES

1. CONSTRUCTION STAKING SHALL BE COMPLETED BY EXCEL ENGINEERING AS REQUESTED BY THE CONTRACTOR AT THE DEVELOPER'S EXPENSE. CAD DRAWING FILES AND SURVEY CONTROL WILL NOT BE PROVIDED FOR STAKING PURPOSES.
2. THE ENGINEER WILL OBTAIN COUNTY ACCESS AND WORK IN ROW PERMITS.
3. CONTRACTOR SHALL REFER TO THE LA CROSSE COUNTY STANDARD SPECIFICATIONS FOR LAND DEVELOPMENT, WATER SPECIFICATIONS, WISDOT, AND STANDARD SPECIFICATIONS FOR SEWER & WATER CONSTRUCTION IN WISCONSIN.

STORMWATER BASIN ASBUILT NOTE

CONTRACTOR TO CONTACT EXCEL ENGINEERING TO COMPLETE AN AS-BUILT SURVEY FOLLOWING COMPLETION OF THE CONSTRUCTION OF THE STORMWATER BASIN. CONTRACTOR SHALL GIVE EXCEL ENGINEERING A MINIMUM OF A 3 DAY NOTICE. PLEASE NOTE THAT THE HORIZONTAL TOLERANCE FOR POND CONSTRUCTION IS 0.50' AND THE VERTICAL TOLERANCE FOR POND, OUTLET, AND SPILLWAY CONSTRUCTION IS 0.10'. ANY ADDITIONAL WORK REQUIRED TO SURVEY A POND FULL OF WATER OR FOR SURVEYING FOLLOWING REWORK SHALL BE AT THE CONTRACTOR'S EXPENSE. ENSURE SEDIMENT IS REMOVED AND STORM WATER MANAGEMENT BASINS ARE AT FINAL COMPLETION PRIOR TO SURVEY. A PRE-ASBUILT CHECK CAN BE PROVIDED AT THE CONTRACTOR'S EXPENSE.

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN
CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE TELEFAX (414) 259-0947
TDD (FOR THE HEARING IMPAIRED)
1-800 542-2289
WISCONSIN STATUTE 182.0175 (1974) REQUIRES MINIMUM OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

BENCHMARK INFORMATION

BENCHMARK NUMBER	BENCHMARK DESCRIPTION (NAVD 88)	ELEVATION
BM1	RAILROAD SPIKE ON POWER POLE AT THE NORTHWEST CORNER OF CTH F AND STH 33 INTERSECTION	1231.11
BM2	RAILROAD SPIKE ON POWER POLE APPROXIMATELY 1,050' EAST OF CTH F AND CTH FO INTERSECTION	1113.31

EXCEL
Always a Better Plan
100 Camelot Drive
Fond du Lac, WI 54935
920-926-9800
excelengineer.com

PROJECT INFORMATION

PROPOSED RESIDENTIAL SUBDIVISION
FEATHERSTONE RISE
CTH F & STH 33 • LA CROSSE, WI 54601

PROFESSIONAL SEAL
WISCONSIN PROFESSIONAL ENGINEER
GRANT DUCHAC
42768-6
FOND DU LAC WISCONSIN
02/23/26

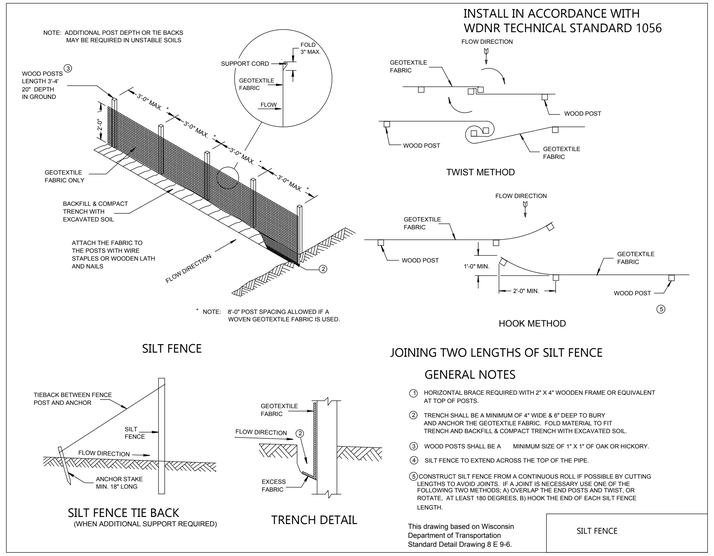
PRELIMINARY DATES
JAN. 9, 2026
FEB. 23, 2026

NOT FOR CONSTRUCTION

JOB NUMBER
250128900

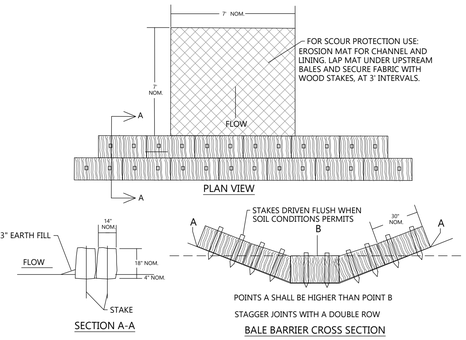
SHEET NUMBER
C1.0

CIVIL COVER SHEET



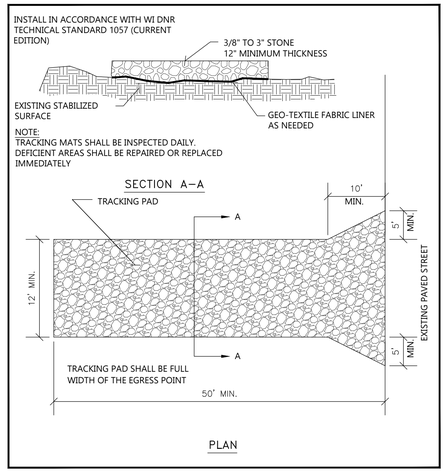
SILT FENCE - INSTALLATION DETAIL

NO SCALE



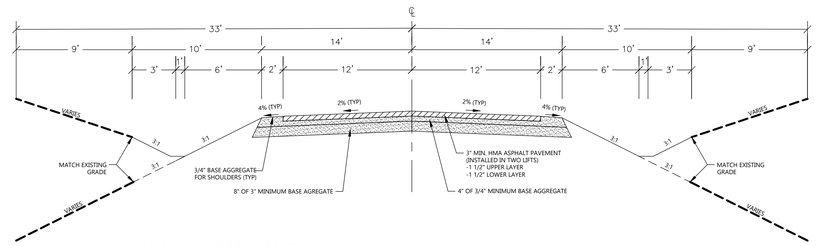
HAY OR STRAW BALE DITCH CHECK

NO SCALE



TRACKING PAD DETAILS

NO SCALE



TYPICAL STREET SECTION

NO SCALE

CONSTRUCTION SEQUENCE

START CONSTRUCTION: 05-01-2026
END CONSTRUCTION: 10-30-2026

PHASE		TYPE OF ACTION
1.	PRE-CONSTRUCTION ACTION	1. CONTRACTOR TO CALL DIGGERS HOTLINE AT A MINIMUM OF 3 DAYS PRIOR TO CLEARING & GRUBBING/CONSTRUCTION.
		2. CONTRACTOR TO FIELD VERIFY LOCATION AND DEPTH OF ALL UTILITIES WITHIN THE PROJECT AREA PRIOR TO CONSTRUCTION. NOTIFY ENGINEER OF DISCREPANCIES.
		3. PLACE ALL SILT FENCE AND INLET PROTECTION.
		4. CONSTRUCT TRACKING STONE ENTRANCES AND ANY TEMPORARY CONSTRUCTION ROADWAYS AS NEEDED.
		5. STABILIZE ALL TEMPORARY AND PERMANENT EROSION CONTROL AND STORMWATER CONVEYANCE SYSTEMS BEFORE TOPSOIL CAN BE STRIPPED.
2.	CONSTRUCTION ACTION	1. SITE DEMOLITION AS REQUIRED.
		2. STRIP AND RELOCATE TOPSOIL TO THE DESIGNATED TOPSOIL STOCKPILE. LOCATION BY OWNER. FINAL LOCATION BY CONTRACTOR. PROVIDE PERIMETER SILT FENCE UNTIL STABILIZED.
		3. BEGIN MASS EARTH WORK.
		4. CONSTRUCT ANY REMAINING STORMWATER CONVEYANCE SYSTEMS, AND INSTALL ALL OTHER UTILITIES ON SITE.
		5. PLACE GRAVEL FOR ALL PROPOSED PAVEMENT AREAS.
		6. TOPSOIL, SEED, AND MULCH ALL DISTURBED AREAS OUTSIDE THE PROPOSED PAVEMENT AREAS.
		7. PAVE AND POUR ALL ROADWAY AREAS/SIDEWALK/PATHS.
		8. TOPSOIL, SEED, AND MULCH ALL OTHER DISTURBED AREAS. PLACE EROSION MATTING AND RIP RAP.
3.	POST CONSTRUCTION ACTION	1. CONTRACTOR TO REMOVE TEMPORARY EROSION CONTROL MEASURES UPON SITE STABILIZATION.
		2. SEE THE POST CONSTRUCTION MAINTENANCE PLAN FOR PERMANENT STORMWATER MANAGEMENT SYSTEMS.

CONTRACTOR TO FOLLOW THE EROSION CONTROL SPECIFICATIONS FOR CONSTRUCTION EROSION CONTROL INSPECTION AND MAINTENANCE.
CONTRACTOR TO FOLLOW ALL LA CROSSE COUNTY SPECIFCATIONS FOR LAND DEVELOPMENT.

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES TECHNICAL STANDARD NO. 1053 (CHANNEL EROSION MAT).

VARIATIONS IN THE DIMENSIONS OR MATERIALS SHOWN HEREON SHALL BE PERMITTED IF THEY PROVIDE EQUIVALENT PROTECTION AND MATERIAL STRENGTH AND IF PRIOR APPROVAL OF THE ENGINEER IS OBTAINED.

LAP JOINTS SHALL NOT BE PLACED IN THE BOTTOM OF V-SHAPED DITCHES.

JUNCTION SLOTS ON ADJACENT STRIPS OF MATTING SHALL BE STAGGERED A MINIMUM OF 4 FEET APART.

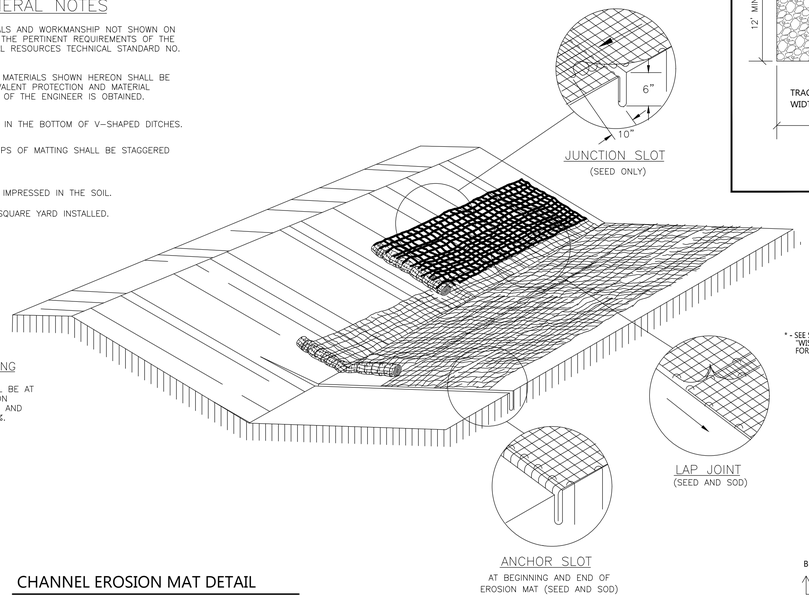
EDGES OF EROSION MAT SHALL BE IMPRESSED IN THE SOIL.

EROSION MAT SHALL PAID BY THE SQUARE YARD INSTALLED.

EROSION MAT OVER SEEDING

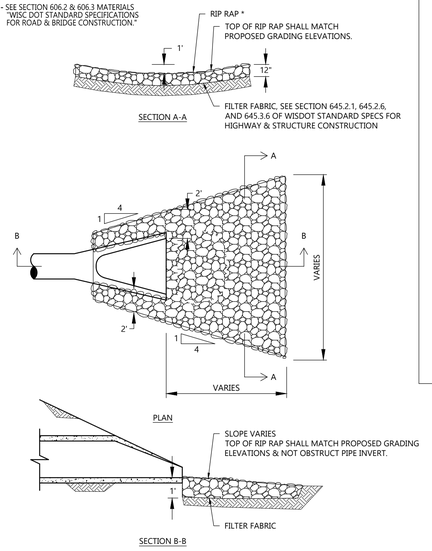
JUNCTION OR ANCHOR SLOTS SHALL BE AT MINIMUM INTERVALS OF 100 FEET ON GRADES UP TO AND INCLUDING 3%, AND 50 FEET ON GRADES EXCEEDING 3%.

NOTE:
SEE LA CROSSE COUNTY SPECIFICATIONS FOR MATTING TYPE



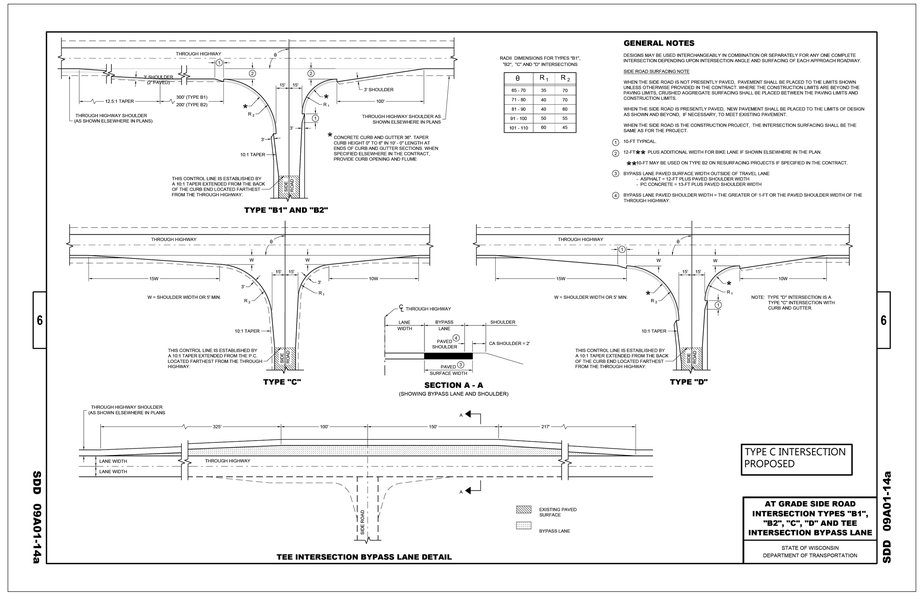
CHANNEL EROSION MAT DETAIL

NOT TO SCALE



RIP RAP AT APRON DETAIL

NOT TO SCALE



DETAILS

EXCEL
Always a Better Plan
100 Camelot Drive
Fond du Lac, WI 54935
920-926-9800
excelengineer.com

PROJECT INFORMATION

PROPOSED RESIDENTIAL SUBDIVISION
FEATHERSTONE RISE
CTH F & STH 33 • LA CROSSE, WI 54601

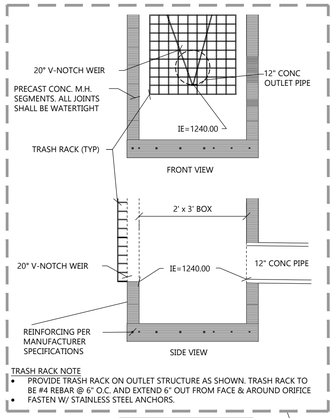
PROFESSIONAL SEAL

PRELIMINARY DATES
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FEB. 23, 2026

NOT FOR CONSTRUCTION

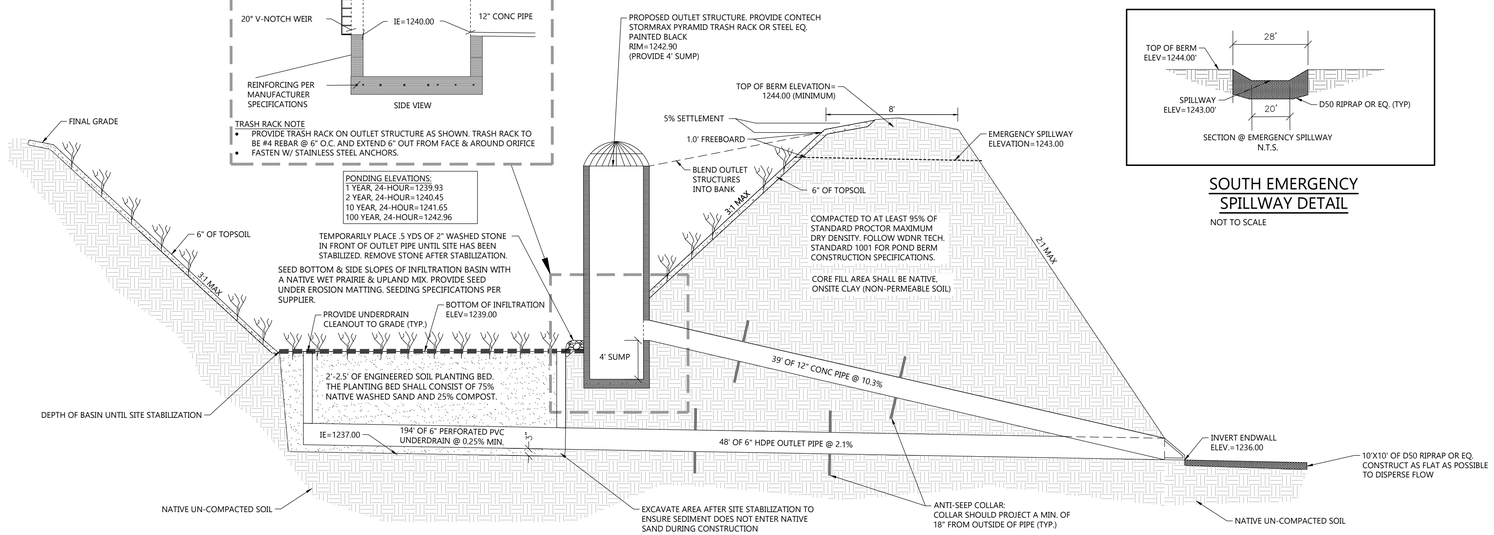
JOB NUMBER
250128900

SHEET NUMBER
C2.0



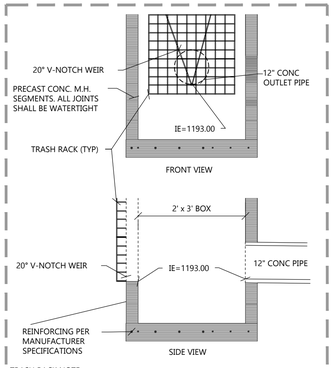
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- FASTEN W/ STAINLESS STEEL ANCHORS.

NOTES:
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- AT END OF SITE CONSTRUCTION, BASIN DEPTH SHALL BE CHECKED FOR SEDIMENTATION AND DREDGED, IF NECESSARY, TO THE DESIGN DEPTH ORIGINALLY PROPOSED.
- CONTRACTOR SHALL PROVIDE EROSION MATTING AS REQUIRED PER LA CROSSE COUNTY SPECIFICATIONS.
- CONTRACTOR TO CONTACT EXCEL ENGINEERING TO COMPLETE AN AS-BUILT SURVEY FOLLOWING COMPLETION OF THE CONSTRUCTION OF THE STORMWATER BASIN. CONTRACTOR SHALL GIVE EXCEL ENGINEERING A MINIMUM OF A 3 DAY NOTICE. PLEASE NOTE THAT THE HORIZONTAL TOLERANCE FOR POND CONSTRUCTION IS 0.50' AND THE VERTICAL TOLERANCE FOR POND, OUTLET, AND SPILLWAY CONSTRUCTION IS 0.10'. ANY ADDITIONAL WORK REQUIRED TO SURVEY A POND FULL OF WATER OR FOR SURVEYING FOLLOWING REWORK SHALL BE AT THE CONTRACTOR'S EXPENSE. ENSURE SEDIMENT IS REMOVED AND STORM WATER MANAGEMENT BASINS ARE AT FINAL COMPLETION PRIOR TO SURVEY. A PRE-ASBUILT CHECK CAN BE PROVIDED AT THE CONTRACTOR'S EXPENSE.



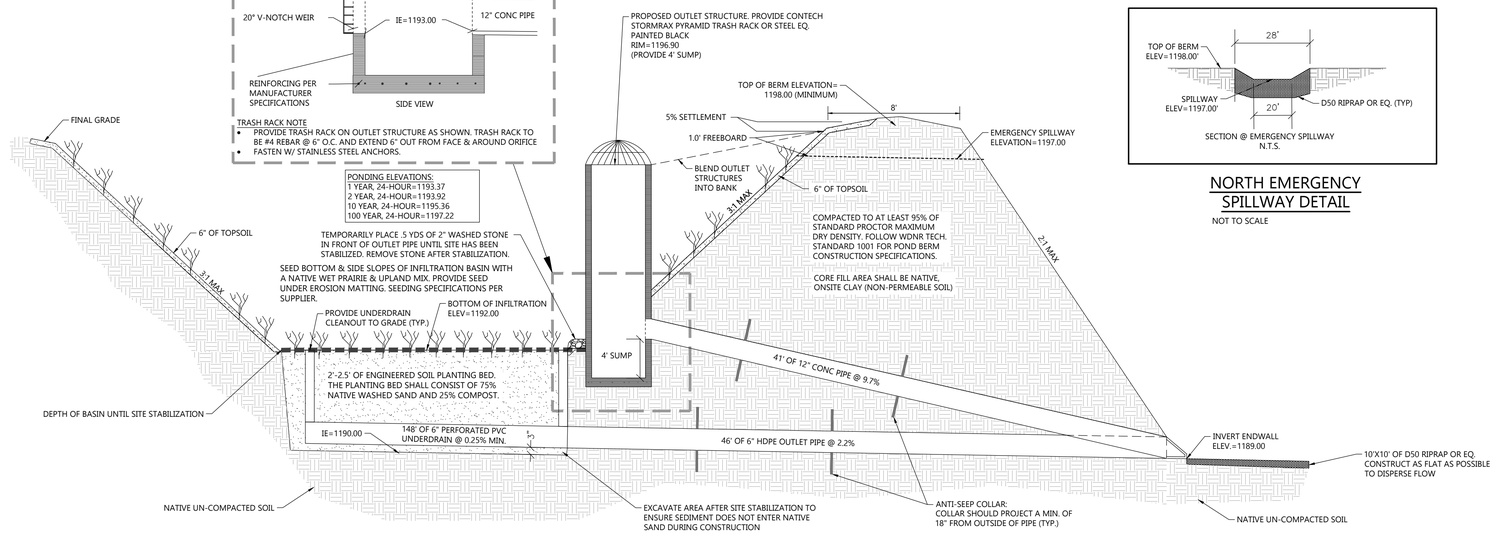
PROPOSED BIOFILTRATION BASIN 1A
NOT TO SCALE

SOUTH EMERGENCY SPILLWAY DETAIL
NOT TO SCALE



TRASH RACK NOTE
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PROPOSED BIOFILTRATION BASIN 3A
NOT TO SCALE

NORTH EMERGENCY SPILLWAY DETAIL
NOT TO SCALE

BIOFILTRATION DETAILS

EXCEL
Always a Better Plan
100 Camelot Drive
Fond du Lac, WI 54935
920-926-9800
excelengineer.com

PROJECT INFORMATION

PROPOSED RESIDENTIAL SUBDIVISION
FEATHERSTONE RISE
CTH F & STH 33 • LA CROSSE, WI 54601

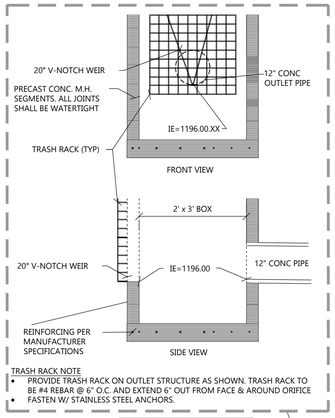
PROFESSIONAL SEAL

PRELIMINARY DATES
JAN. 9, 2026
FEB. 23, 2026

NOT FOR CONSTRUCTION

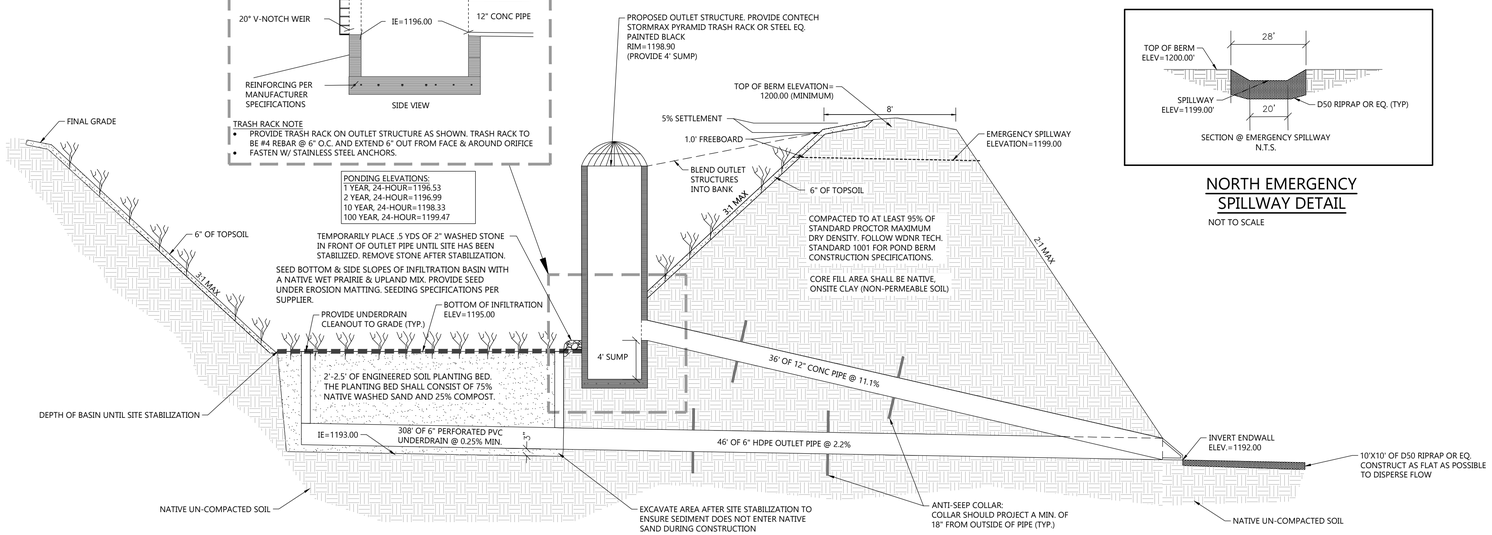
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250128900

SHEET NUMBER
C2.1



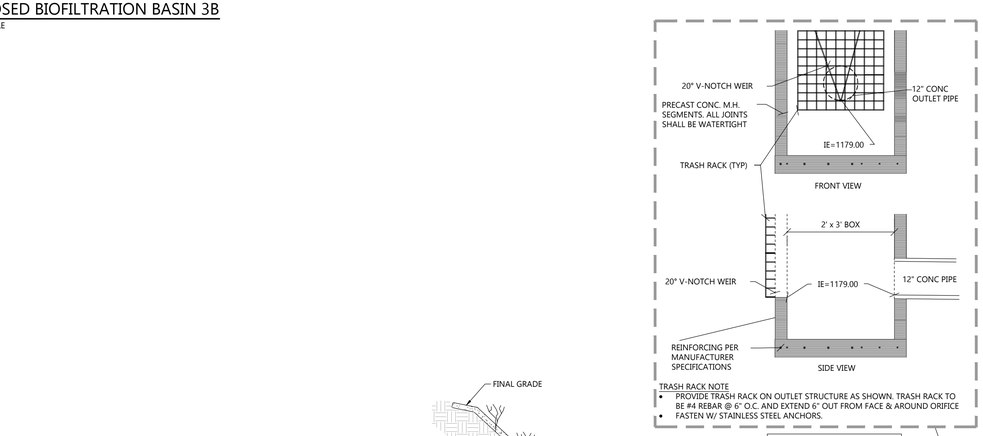
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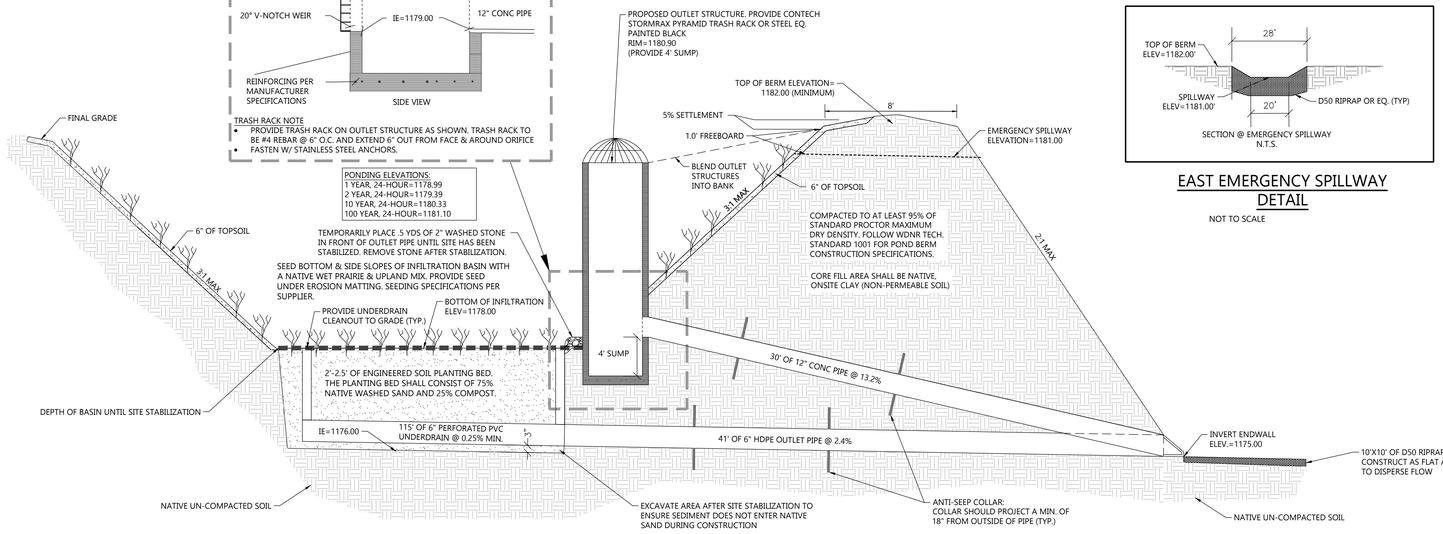
PROPOSED BIOFILTRATION BASIN 3B
NOT TO SCALE

NORTH EMERGENCY SPILLWAY DETAIL
NOT TO SCALE



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PROPOSED BIOFILTRATION BASIN 3C
NOT TO SCALE

EAST EMERGENCY SPILLWAY DETAIL
NOT TO SCALE

BIOFILTRATION DETAILS

EXCEL
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100 Camelot Drive
Fond du Lac, WI 54935
920-926-9800
excelengineer.com

PROJECT INFORMATION

PROPOSED RESIDENTIAL SUBDIVISION
FEATHERSTONE RISE
CTH F & STH 33 • LA CROSSE, WI 54601

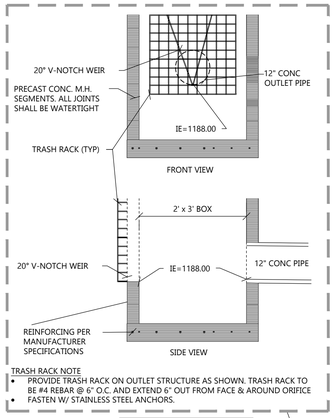
PROFESSIONAL SEAL

PRELIMINARY DATES
JAN. 9, 2026
FEB. 23, 2026

NOT FOR CONSTRUCTION

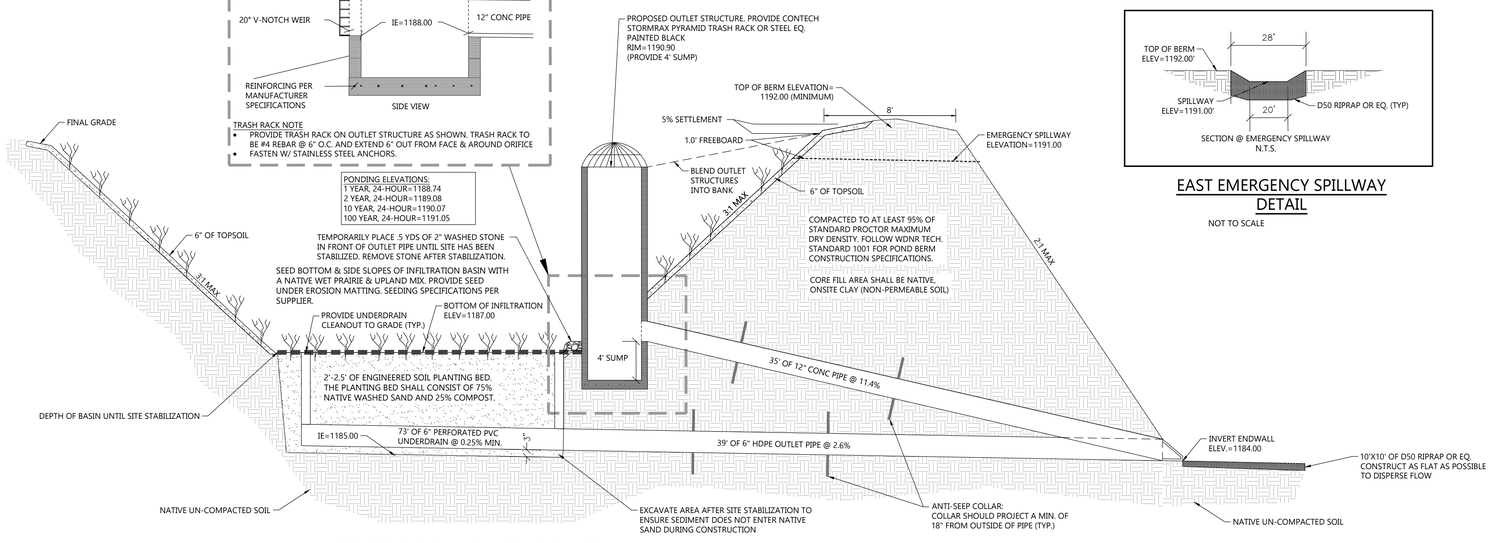
JOB NUMBER
250128900

SHEET NUMBER
C2.2



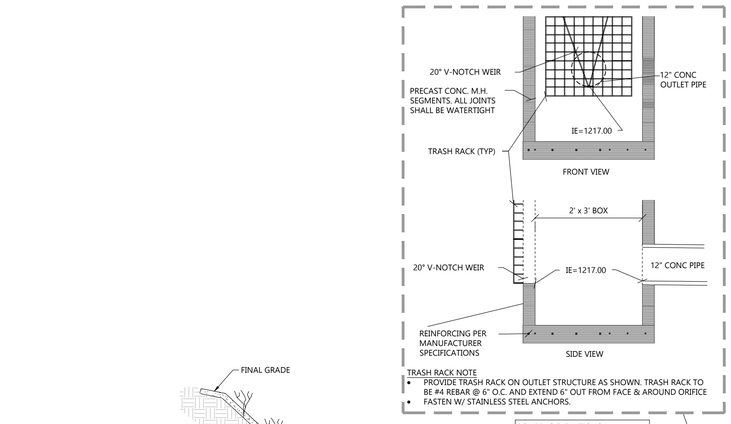
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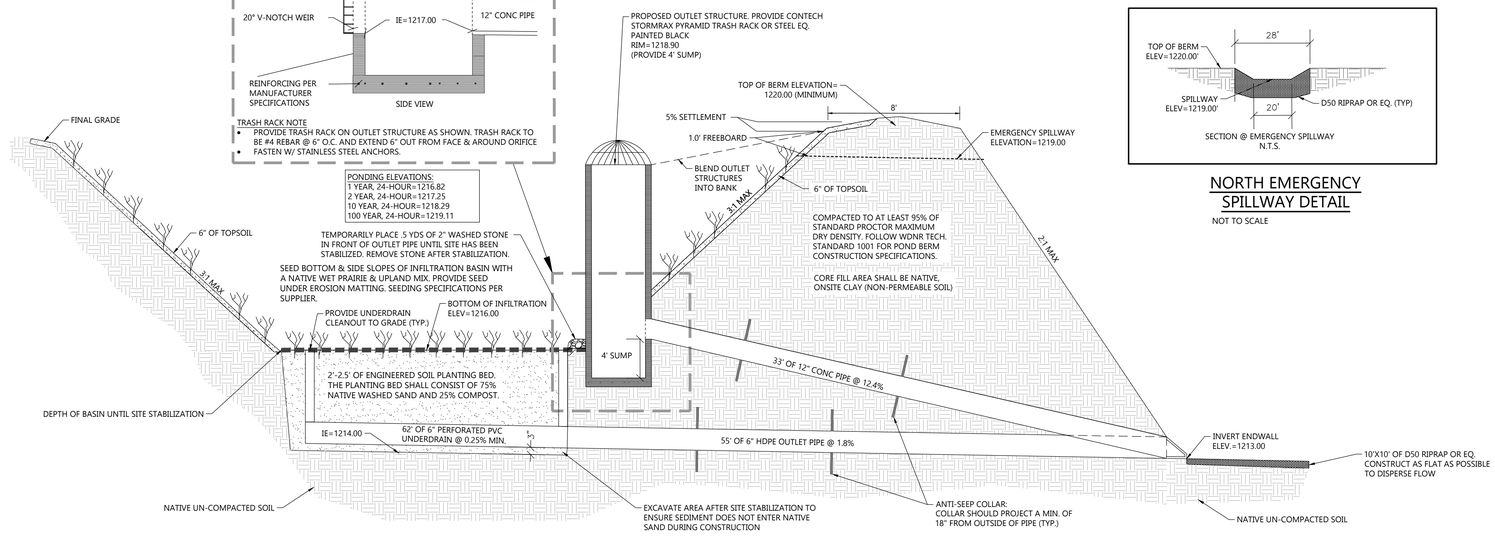
PROPOSED BIOFILTRATION BASIN 3D
NOT TO SCALE

EAST EMERGENCY SPILLWAY DETAIL
NOT TO SCALE



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PROPOSED BIOFILTRATION BASIN 3E
NOT TO SCALE

NORTH EMERGENCY SPILLWAY DETAIL
NOT TO SCALE

BIOFILTRATION DETAILS

EXCEL
Always a Better Plan
100 Camelot Drive
Fond du Lac, WI 54935
920-926-9800
excelengineer.com

PROJECT INFORMATION

PROPOSED RESIDENTIAL SUBDIVISION
FEATHERSTONE RISE
CTH F & STH 33 • LA CROSSE, WI 54601

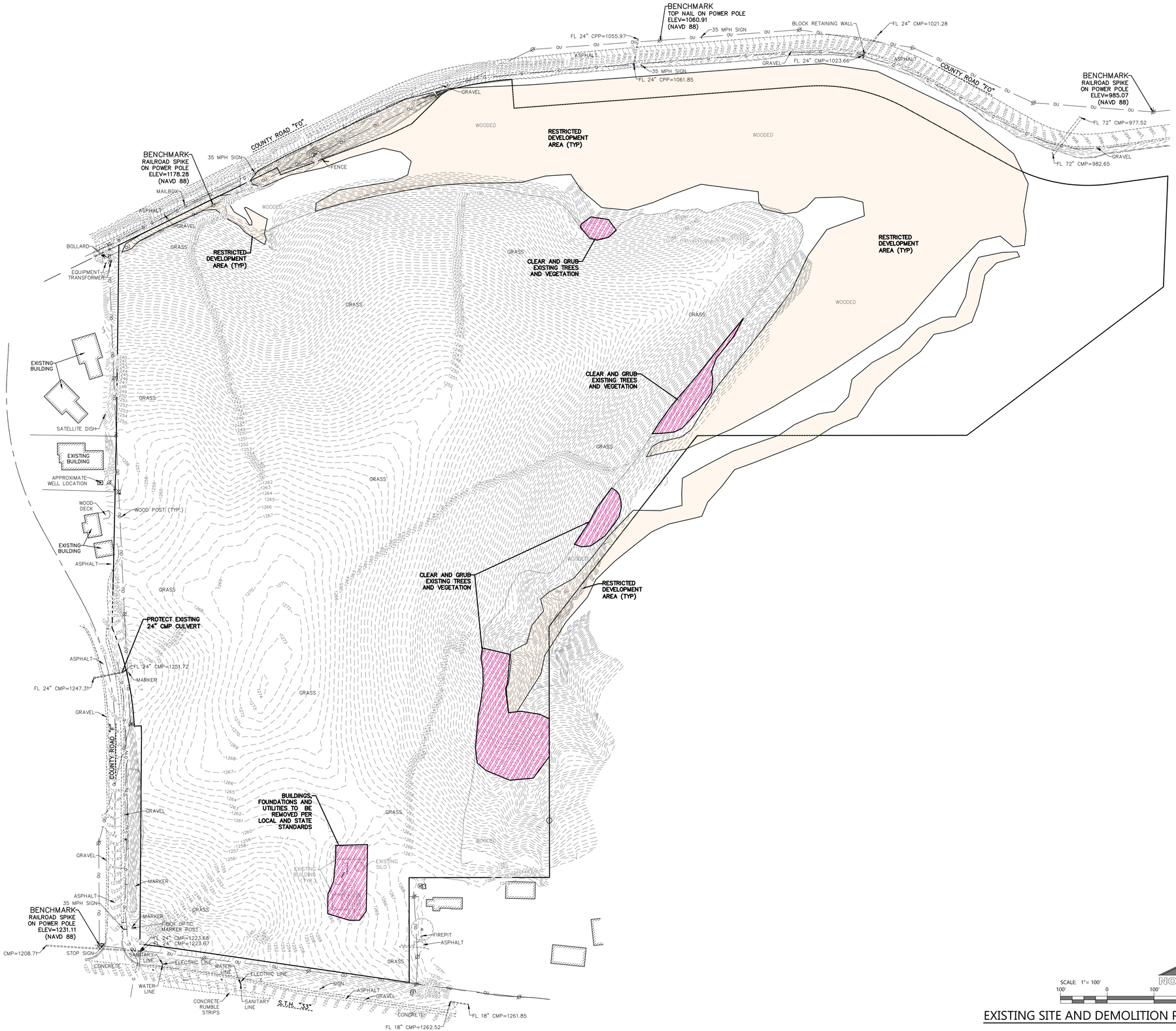
PROFESSIONAL SEAL

PRELIMINARY DATES
JAN. 9, 2026
FEB. 23, 2026

NOT FOR CONSTRUCTION

JOB NUMBER
250128900

SHEET NUMBER
C2.3



SCALE: 1"= 100'
100' 0 100' 200'
NORTH

EXISTING SITE AND DEMOLITION PLAN

EXCEL
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100 Camelot Drive
Fond du Lac, WI 54935
920-926-9800
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PROJECT INFORMATION

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FEATHERSTONE RISE
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JOB NUMBER
250128900

SHEET NUMBER
C3.0

GENERAL GRADING AND EC NOTES:

- ALL GRADING AND EROSION CONTROL MEASURES SHALL FOLLOW THE LA CROSSE COUNTY SPECIFICATIONS.
- SEE SHEET C2.0 FOR CONSTRUCTION SCHEDULE, SEQUENCING OF EROSION CONTROL PRACTICES, AND PROVISIONS FOR MAINTENANCE FOR THE EROSION CONTROL.
- SEEDED LAWN MAINTENANCE: CONTRACTOR TO PROVIDE MAINTENANCE OF ALL LANDSCAPING FOR A PERIOD OF 90 DAYS FROM THE DATE OF INSTALLATION. AT THE END OF THE MAINTENANCE PERIOD, A HEALTHY, UNIFORM, CLOSE STAND OF GRASS SHOULD BE ESTABLISHED FREE OF WEEDS AND SURFACE IRREGULARITIES. LAWN COVERAGE SHOULD EXCEED 90% AND BARE SPOTS SHOULD NOT EXCEED 5"X5". CONTRACTOR SHOULD REESTABLISH LAWNS THAT DO NOT COMPLY WITH THESE REQUIREMENTS AND CONTINUE MAINTENANCE UNTIL LAWNS ARE SATISFACTORY.
- EROSION MATTING: CONTRACTOR TO PROVIDE EROSION CONTROL MATTING (NORTH AMERICAN GREEN S150) OR EQUIVALENT ON ALL SLOPES THAT ARE 4:1 AND GREATER OUTSIDE OF STORMWATER CONVEYANCE SWALES AND STORMWATER MANAGEMENT BASIN BOTTOMS.
- EROSION MATTING: CONTRACTOR TO PROVIDE EROSION MATTING (NORTH AMERICAN GREEN C125) OR EQUIVALENT IN ALL SWALE BOTTOMS AND SIDE SLOPES AS WELL AS STORMWATER MANAGEMENT BASIN BOTTOMS AND SIDE SLOPES AS REQUIRED.



SCALE: 1" = 100'
100' 0 100' 200'
NORTH

OVERALL MASTER GRADING AND EROSION CONTROL PLAN

EXCEL
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100 Camelot Drive
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920-926-9800
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PROJECT INFORMATION

PROPOSED RESIDENTIAL SUBDIVISION
FEATHERSTONE RISE
CTH F & STH 33 • LA CROSSE, WI 54601

PROFESSIONAL SEAL

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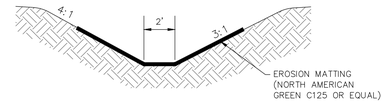
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C4.0

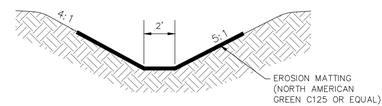


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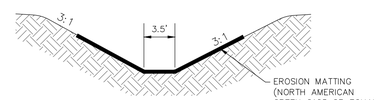
	EROSION MATTING (NAG S150) OVER SEEDED LAWN (> OR = 4:1 SLOPES OUTSIDE OF SWM)
	EROSION MATTING (NAG C125) OVER SEEDED LAWN - 6.67' WIDTH TYP. SWALE BOTTOMS & SWM



SECTION B–B
TYPICAL DITCH X–SECTION
NO SCALE



SECTION C–C
TYPICAL DITCH X–SECTION
NO SCALE



SECTION D–D
TYPICAL DITCH X–SECTION
NO SCALE

NOTES:

- FINAL HOME AND SEPTIC LOCATIONS TO BE DESIGNED BY OTHERS. GRADING CONTRACTOR SHALL NOT WORK OUTSIDE OF DISTURBANCE LIMITS TO PROTECT ALL POSSIBLE SEPTIC LOCATIONS.

SCALE: 1"= 40'
40' 0 40' 80'
NORTH

SOUTH MASTER GRADING AND EROSION CONTROL PLAN

EXCEL
Always a Better Plan
100 Camelot Drive
Fond du Lac, WI 54935
920-926-9800
excelengineer.com

PROJECT INFORMATION

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PROFESSIONAL SEAL

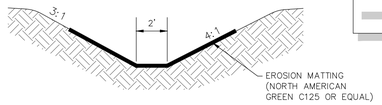
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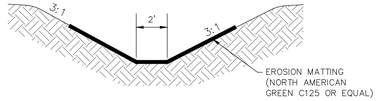
JOB NUMBER
250128900

SHEET NUMBER
C4.1

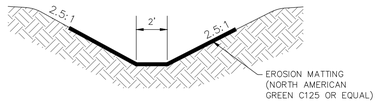




SECTION A–A
TYPICAL DITCH X–SECTION
NO SCALE



SECTION J–J
TYPICAL DITCH X–SECTION
NO SCALE



SECTION K–K
TYPICAL DITCH X–SECTION
NO SCALE

LEGEND:

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	EROSION MATTING (NAG C125) OVER SEEDED LAWN - 6.67 WIDTH TYP. SWALE BOTTOMS & SWM

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SCALE: 1"= 40'
40' 0 40' 80'
NORTH

NORTHWEST MASTER GRADING AND EROSION CONTROL PLAN

EXCEL
Always a Better Plan
100 Camelot Drive
Fond du Lac, WI 54935
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PROJECT INFORMATION

PROPOSED RESIDENTIAL SUBDIVISION
FEATHERSTONE RISE
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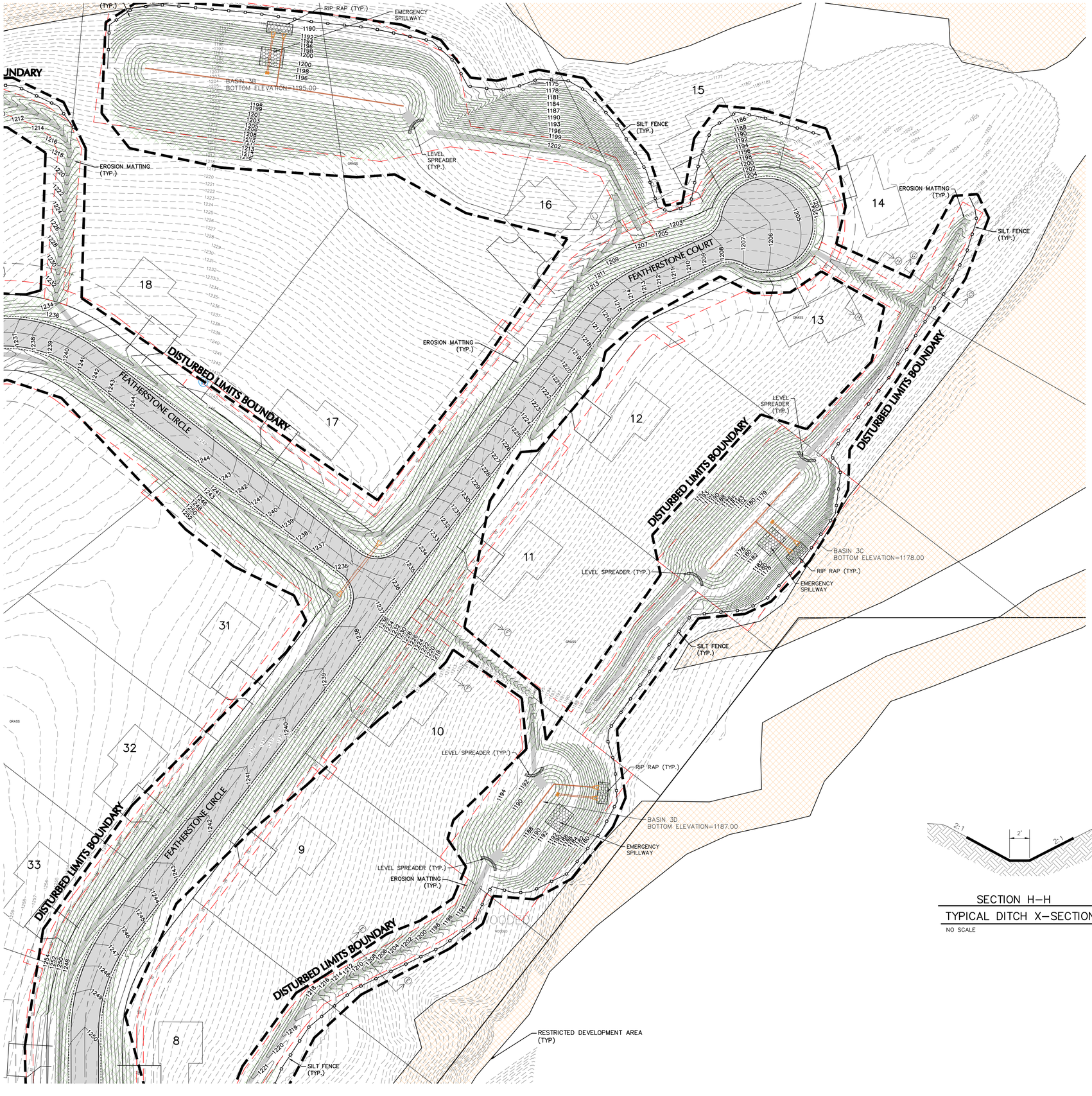
PROFESSIONAL SEAL

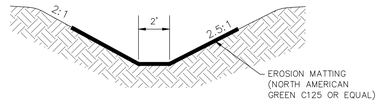
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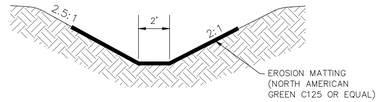
JOB NUMBER
250128900

SHEET NUMBER
C4.2

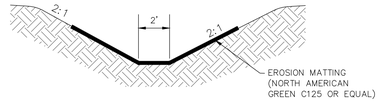




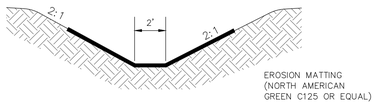
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TYPICAL DITCH X–SECTION
NO SCALE



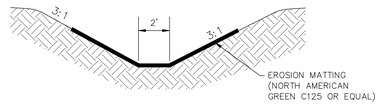
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TYPICAL DITCH X–SECTION
NO SCALE



SECTION G–G
TYPICAL DITCH X–SECTION
NO SCALE



SECTION H–H
TYPICAL DITCH X–SECTION
NO SCALE



SECTION I–I
TYPICAL DITCH X–SECTION
NO SCALE

LEGEND:

	EROSION MATTING (NAG S150) OVER SEEDED LAWN (> OR = 4:1 SLOPES OUTSIDE OF SWM)
	EROSION MATTING (NAG C125) OVER SEEDED LAWN - 6.67' WIDTH TYP. SWALE BOTTOMS & SWM

NOTES:

- FINAL HOME AND SEPTIC LOCATIONS TO BE DESIGNED BY OTHERS. GRADING CONTRACTOR SHALL NOT WORK OUTSIDE OF DISTURBANCE LIMITS TO PROTECT ALL POSSIBLE SEPTIC LOCATIONS.

SCALE: 1"= 40'
40' 0 40' 80'
NORTH

NORTHEAST MASTER GRADING AND EROSION CONTROL PLAN

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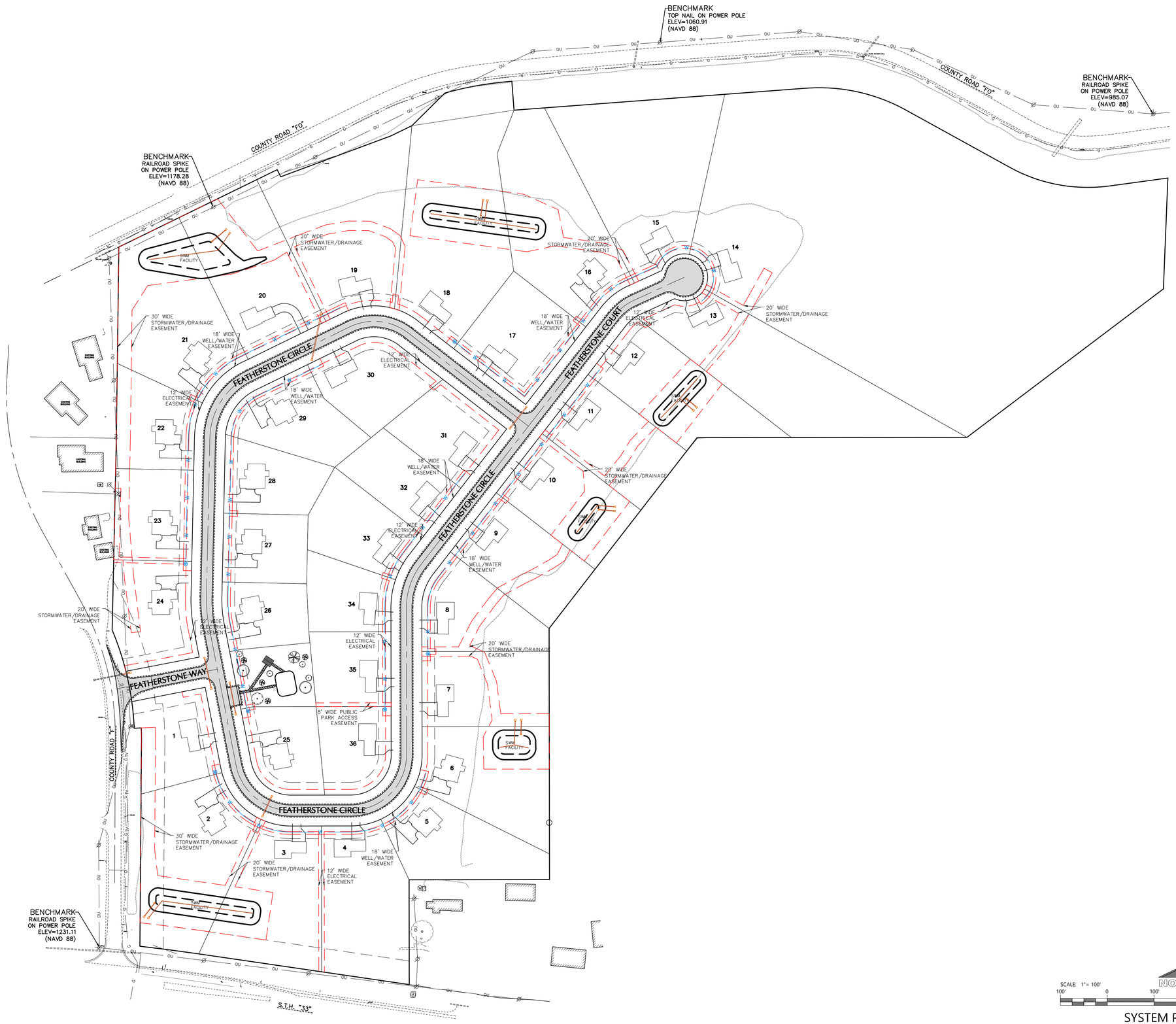
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JAN. 9, 2026
FEB. 23, 2026

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JOB NUMBER
250128900

SHEET NUMBER
C4.3



SCALE: 1" = 100'
100' 0 100' 200'
NORTH

SYSTEM PLAN

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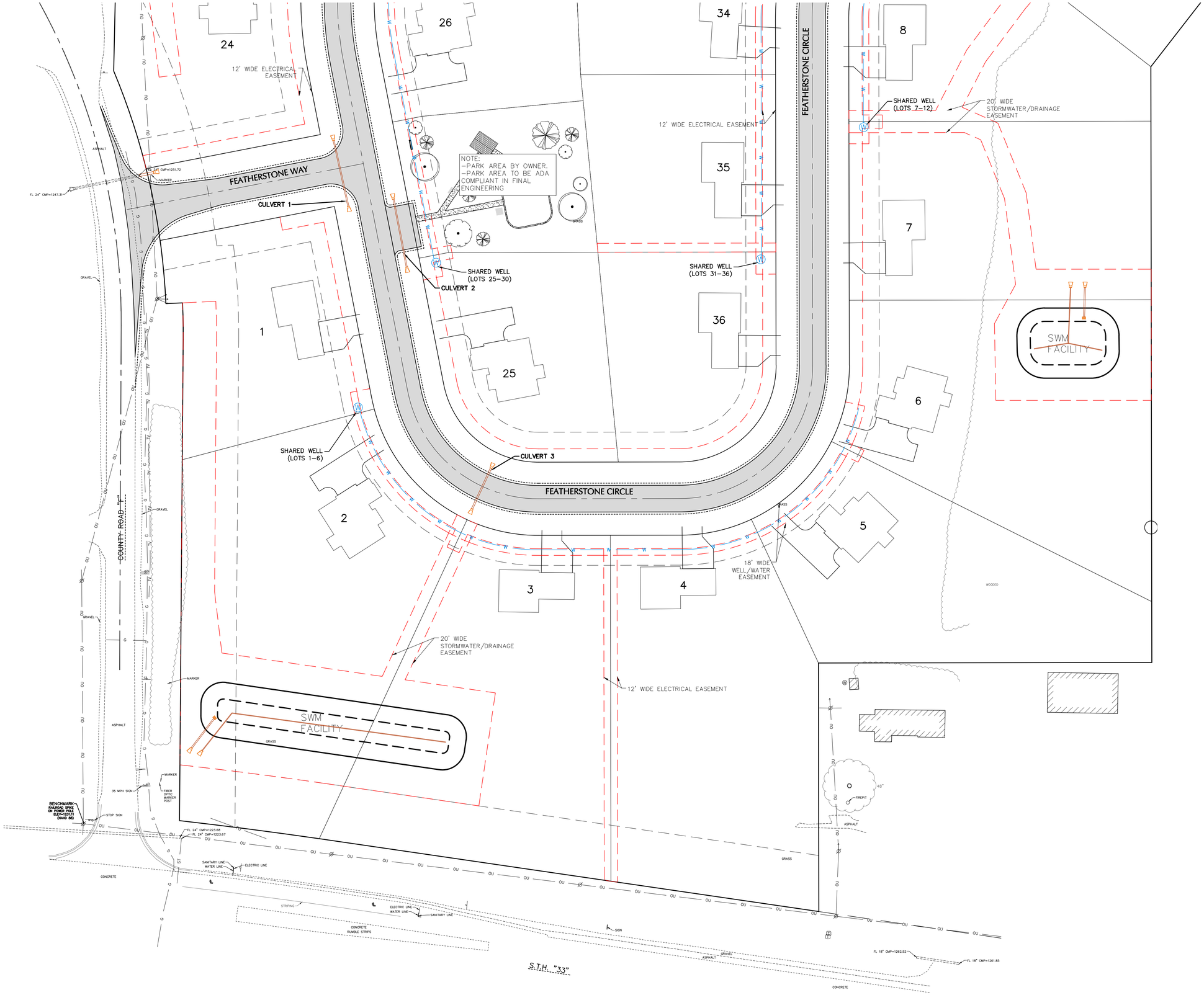
PROFESSIONAL SEAL

PRELIMINARY DATES
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FEB. 23, 2026

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250128900

SHEET NUMBER
C5.0



SCALE: 1"= 40'

NORTH

40' 0 40' 80'

SOUTH SYSTEM PLAN

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PRELIMINARY DATES

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FEB. 23, 2026

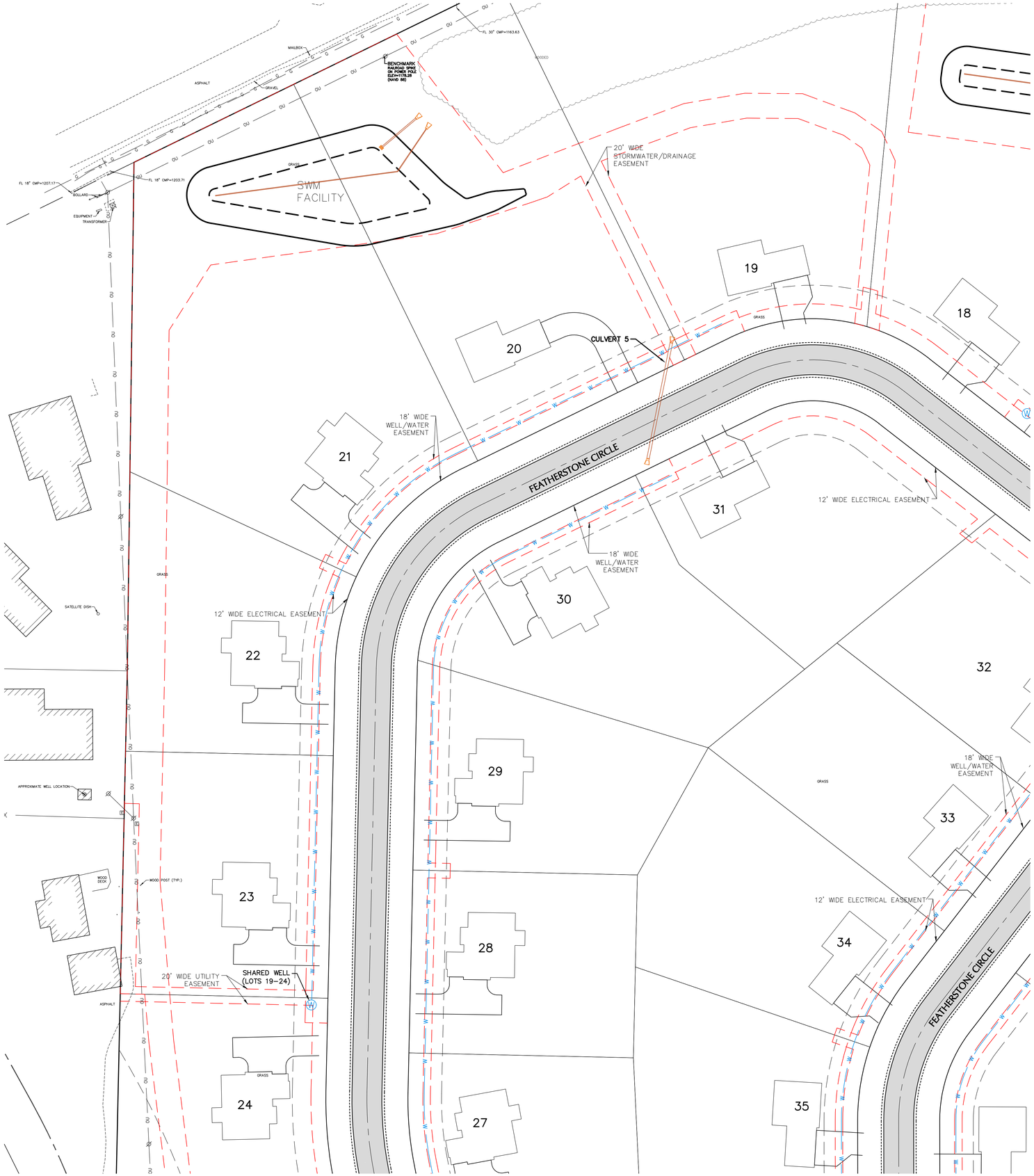
NOT FOR CONSTRUCTION

JOB NUMBER

250128900

SHEET NUMBER

C5.1



SCALE: 1"= 40'
40' 0 40' 80'
NORTH

NORTHWEST SYSTEM PLAN

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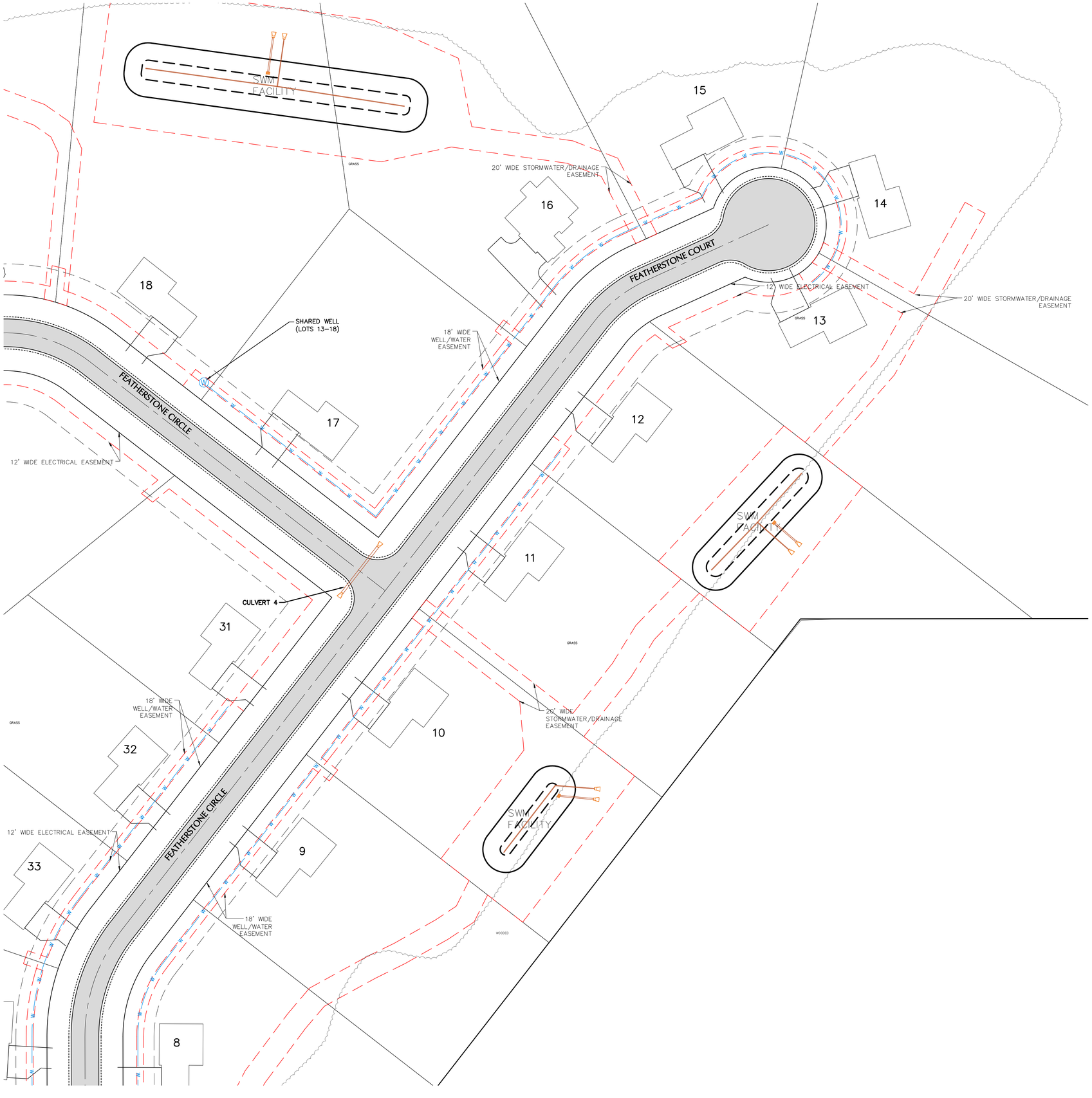
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SHEET NUMBER
C5.2



SCALE: 1" = 40'
40' 0 40' 80'
NORTH

NORTHEAST SYSTEM PLAN

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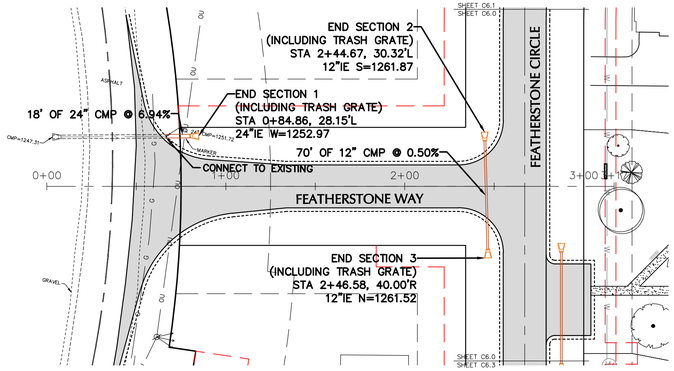
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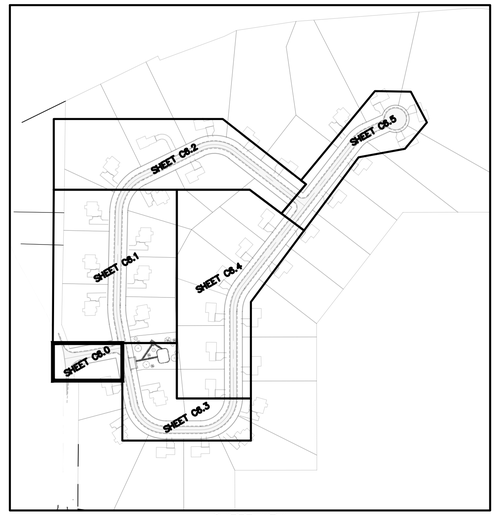
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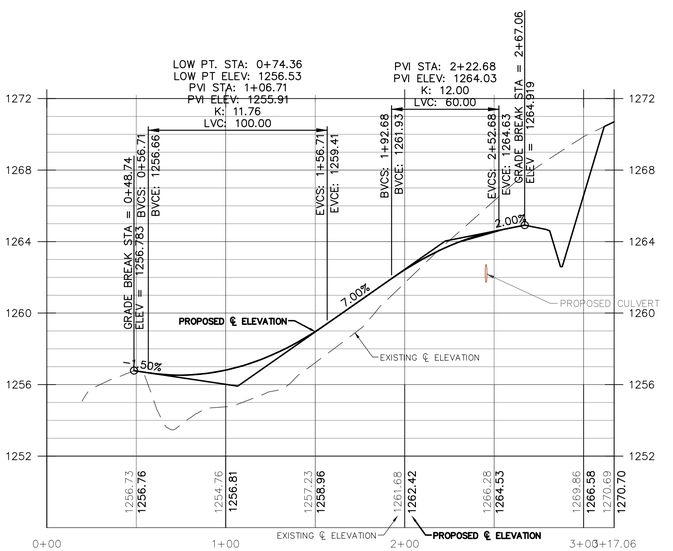
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SHEET NUMBER
C5.3





SHEET KEY



FEATHERSTONE WAY - ROAD AND STORM

SCALE: 1"= 4' VERTICAL
SCALE: 1"= 40' HORIZONTAL
40' 0 40' 80'
NORTH

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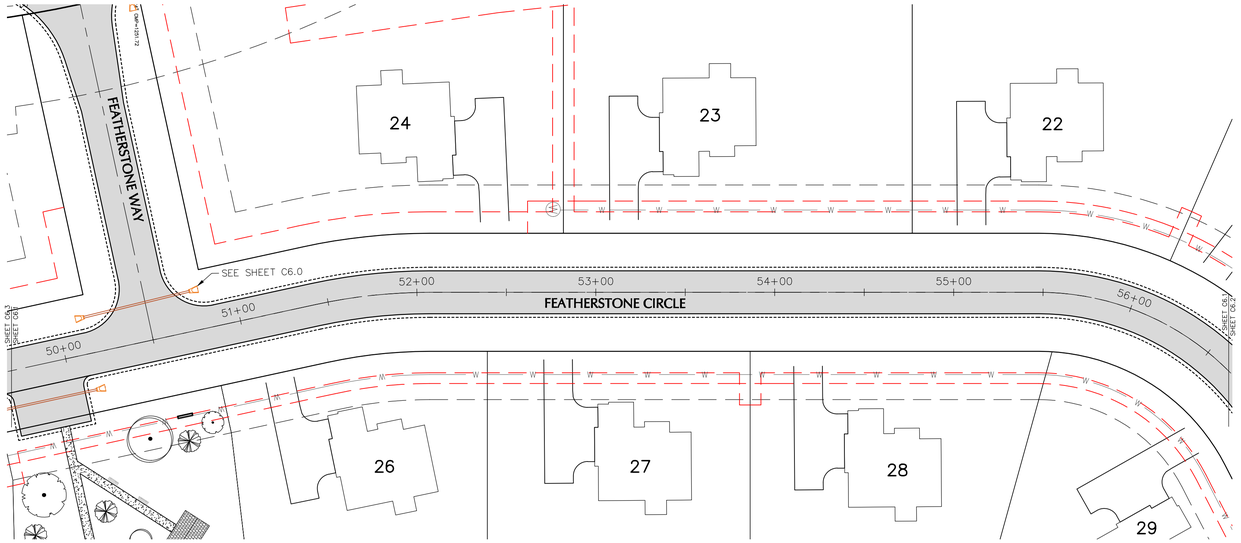
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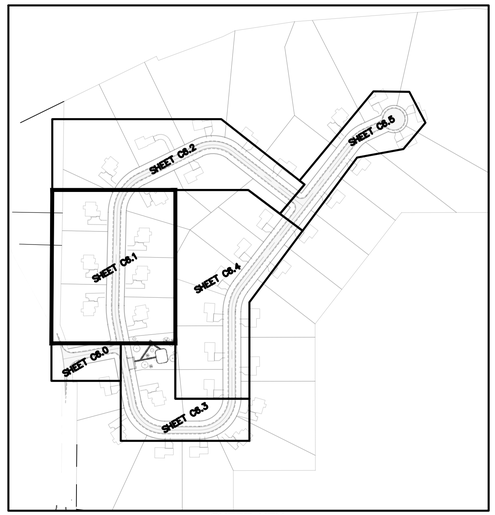
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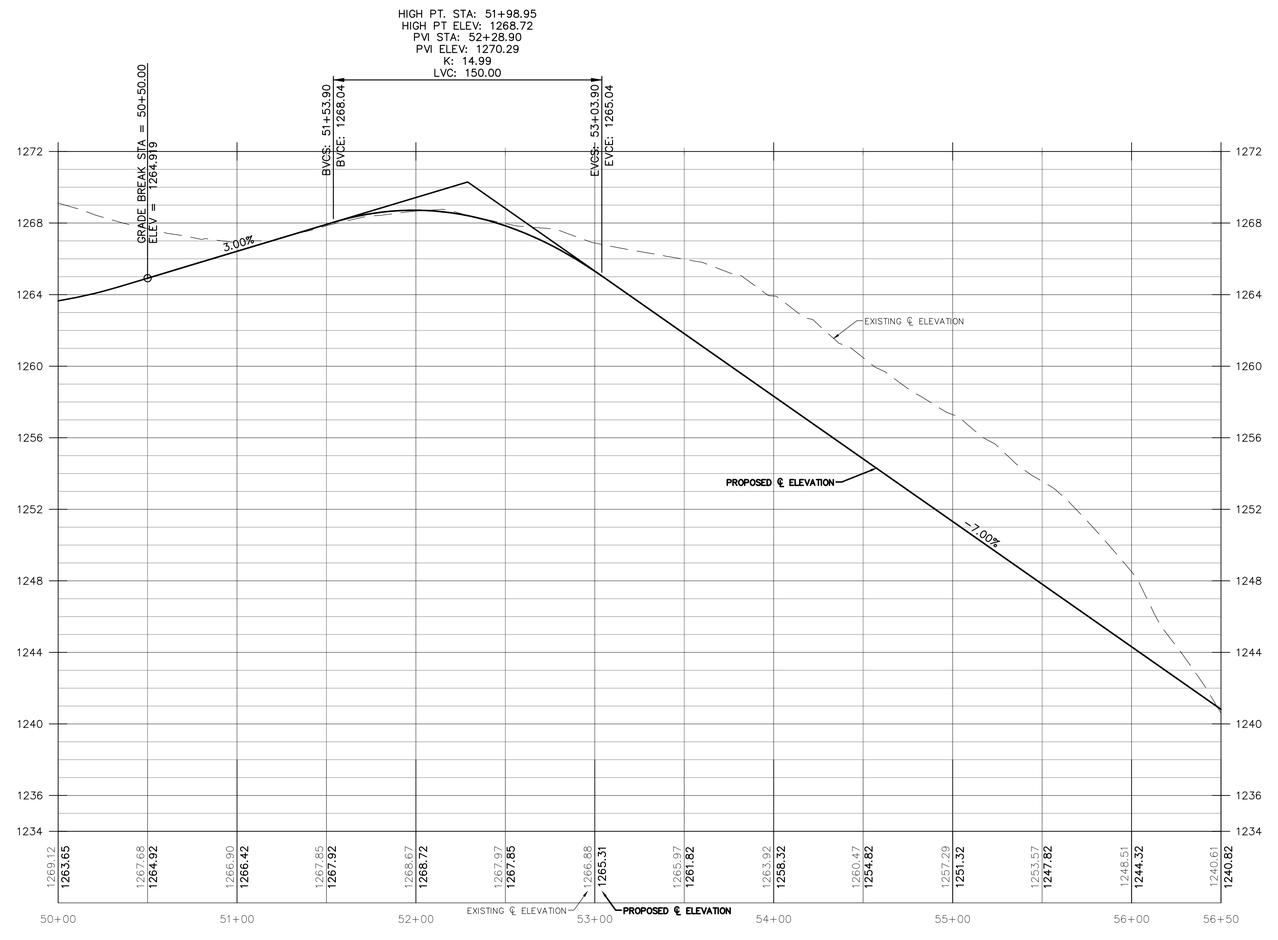
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SHEET NUMBER
C6.0





SHEET KEY



SCALE: 1"= 4' VERTICAL
SCALE: 1"= 40' HORIZONTAL
40' 0 40' 80'

NORTH

FEATHERSTONE CIRCLE - ROAD AND STORM

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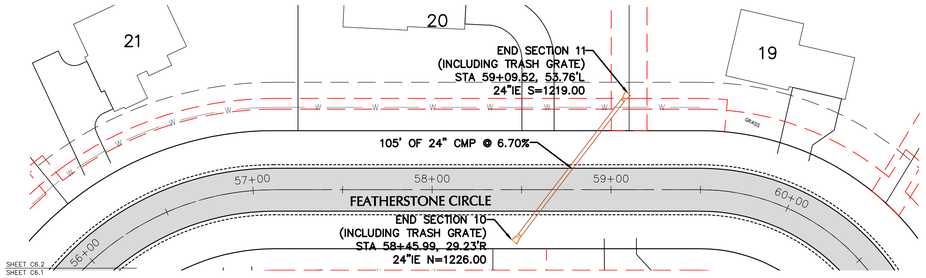
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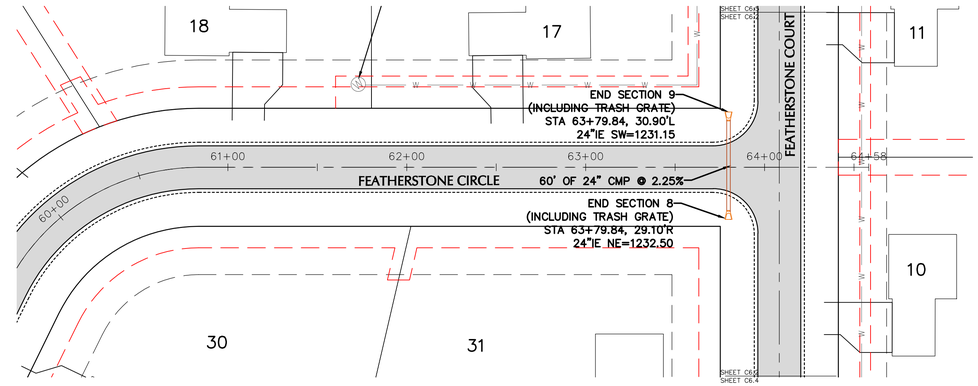
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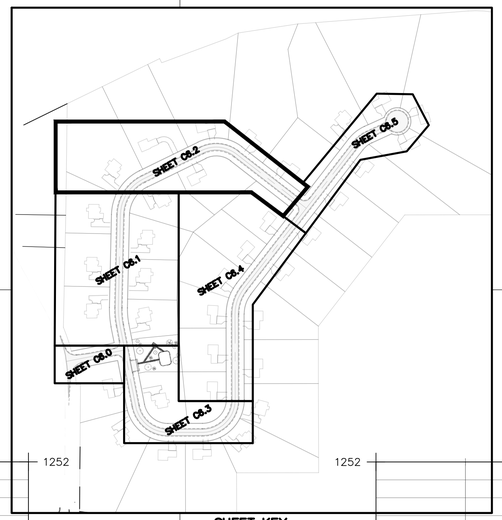
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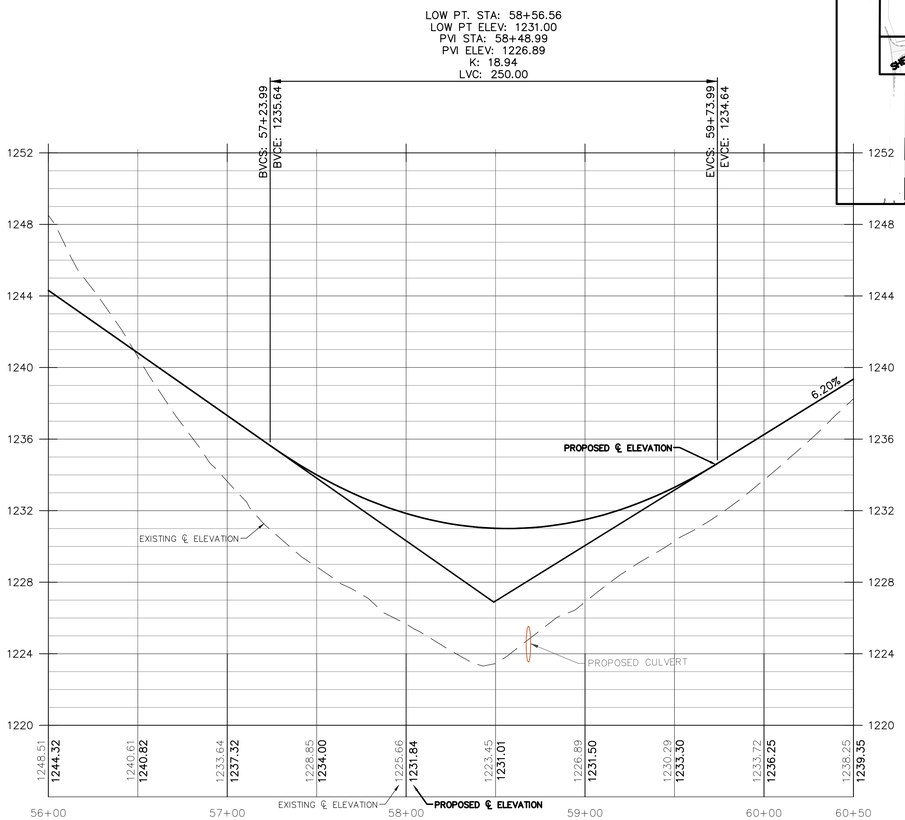


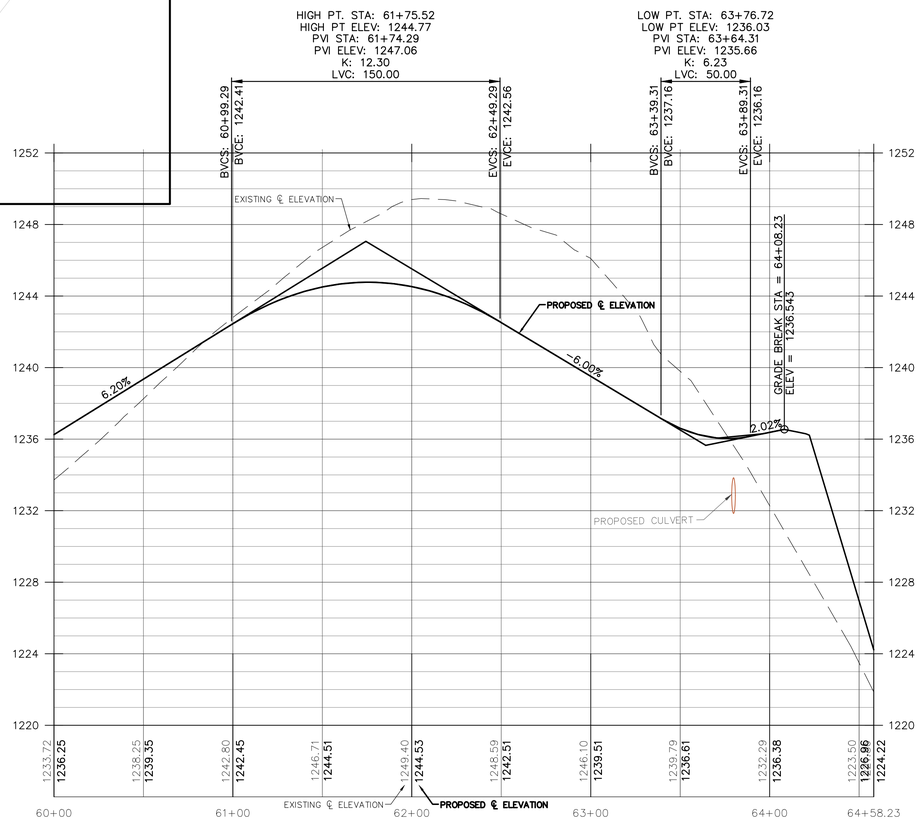
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NORTH



SHEET KEY





SCALE: 1"= 4' VERTICAL
SCALE: 1"= 40' HORIZONTAL
40' 0 40' 80'

FEATHERSTONE CIRCLE - ROAD AND STORM

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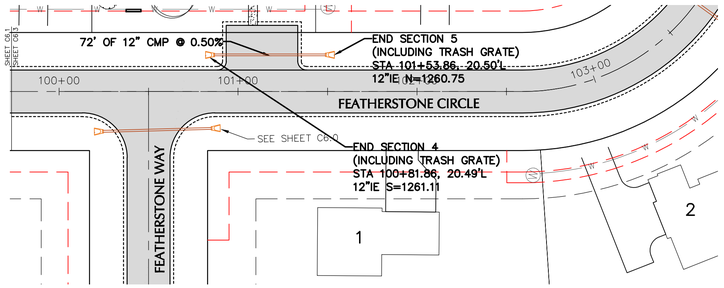
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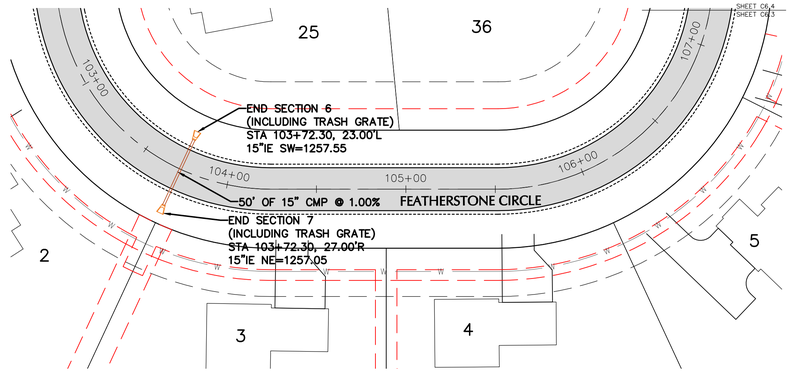
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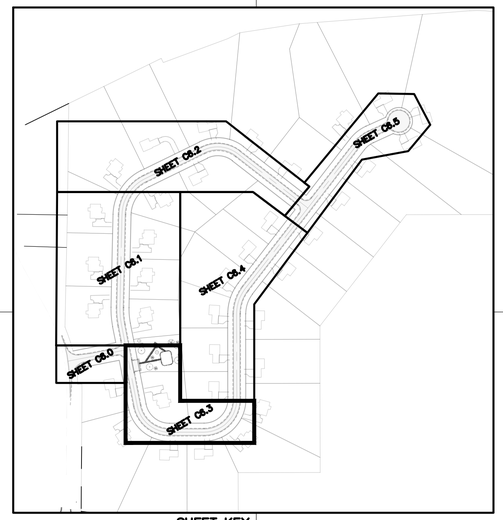
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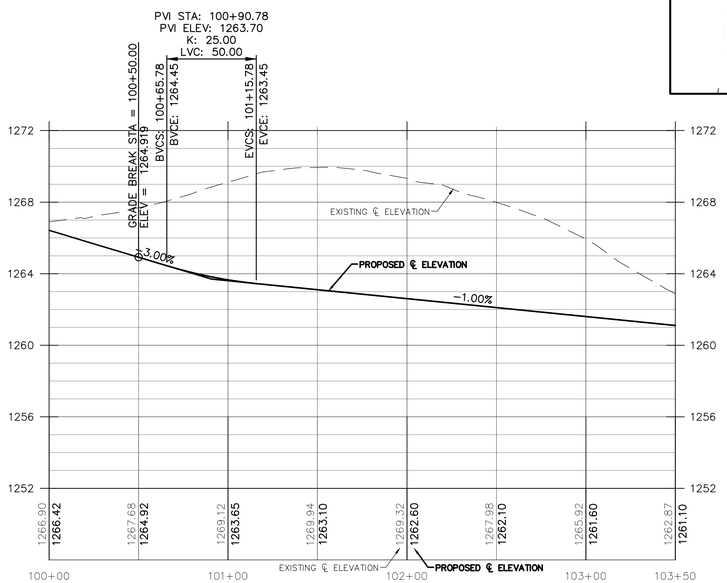


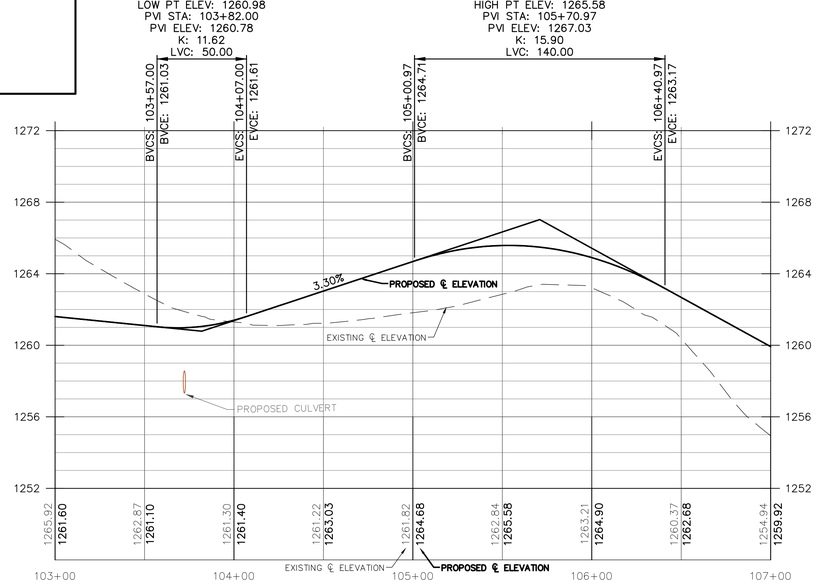
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SHEET KEY

NORTH





SCALE: 1"= 4' VERTICAL
SCALE: 1"= 40' HORIZONTAL
40' 0 40' 80'

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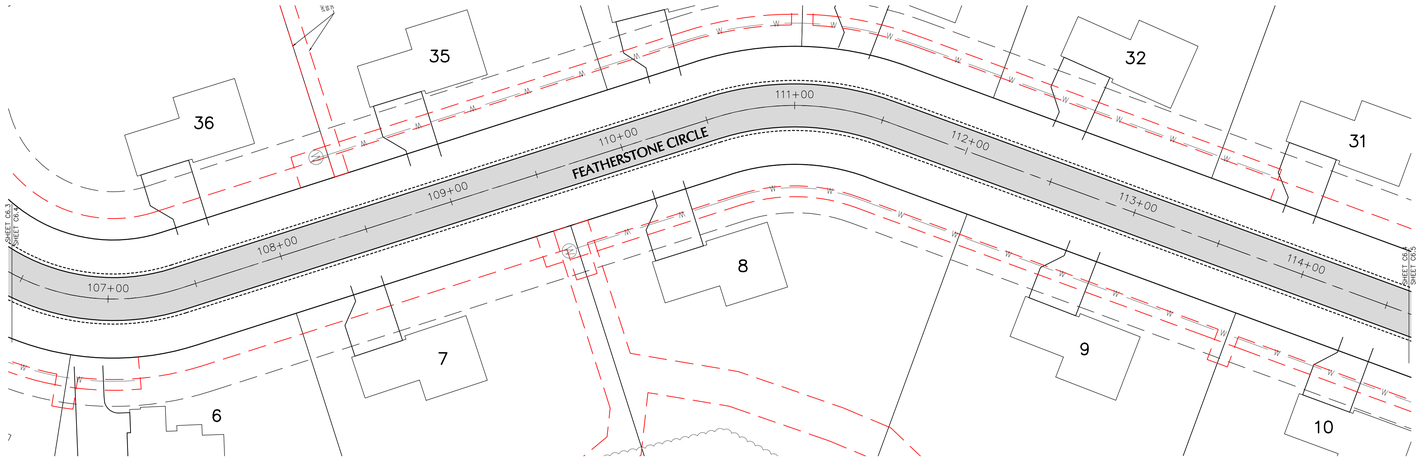
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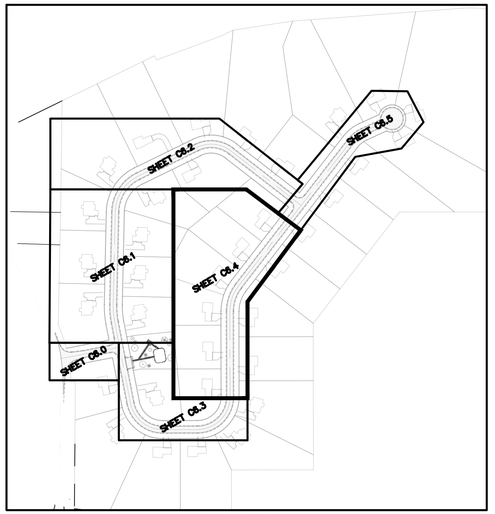
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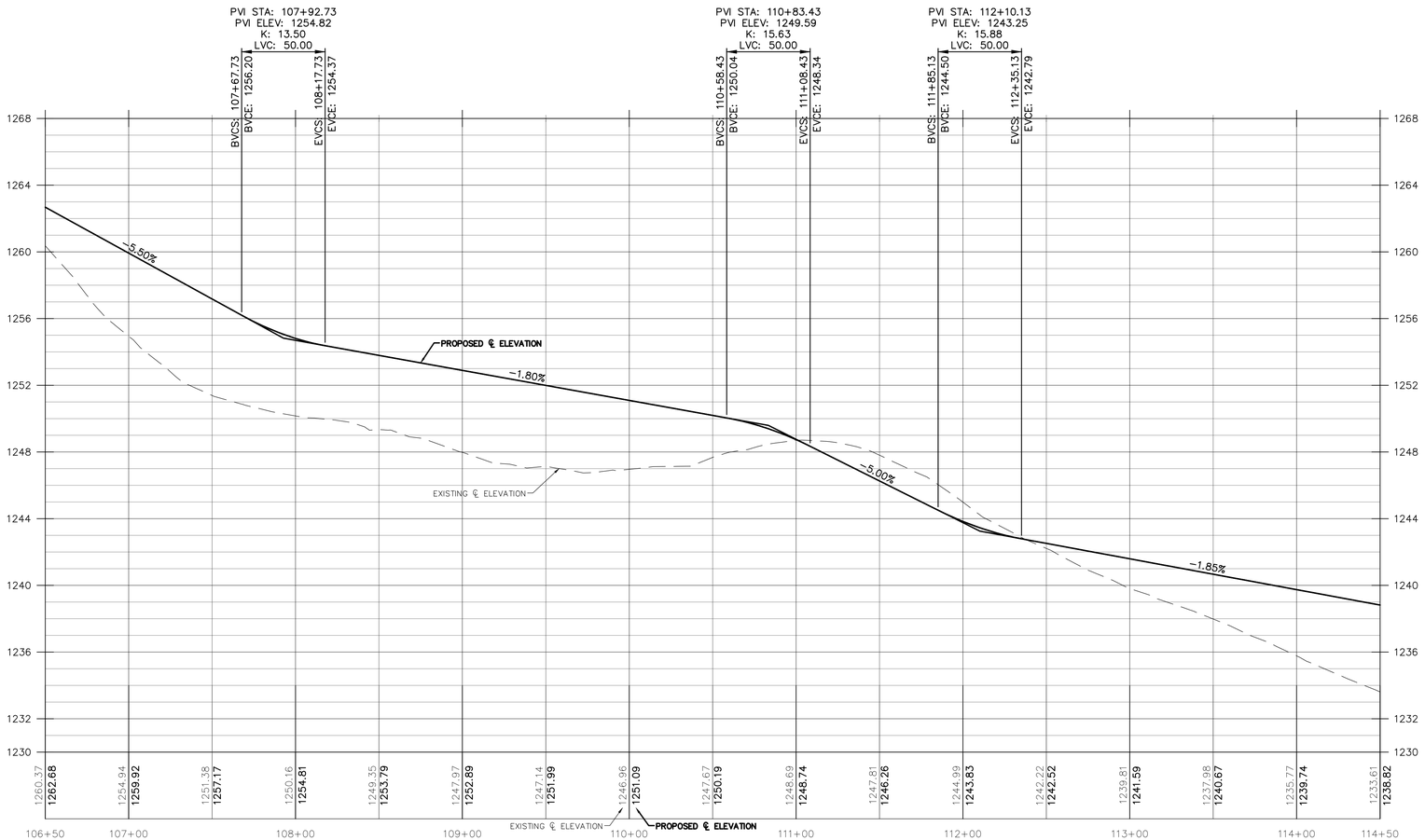
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SHEET NUMBER
C6.3





SHEET KEY



FEATHERSTONE CIRCLE - ROAD AND STORM

SCALE: 1"= 4' VERTICAL
SCALE: 1"= 40' HORIZONTAL
40' 0 40' 80'

NORTH

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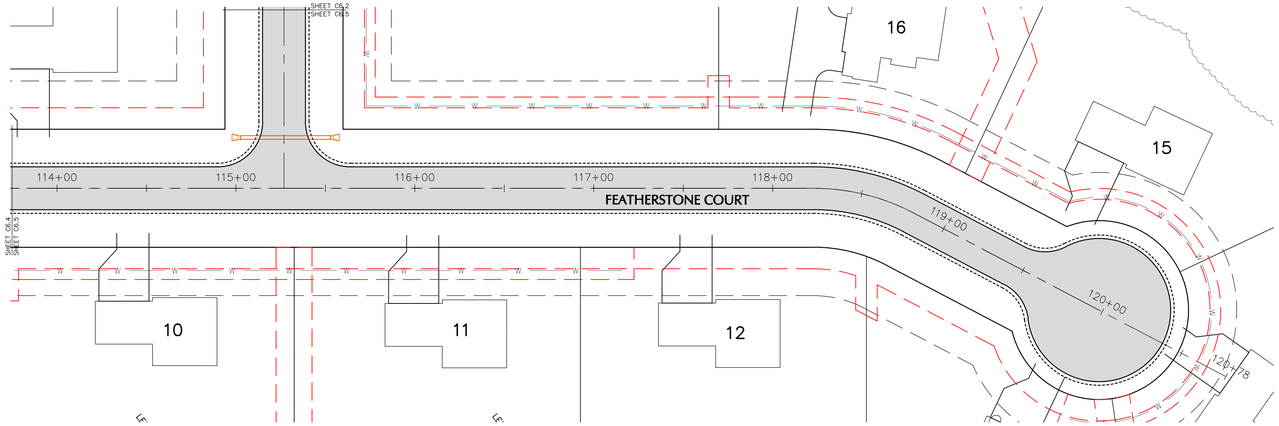
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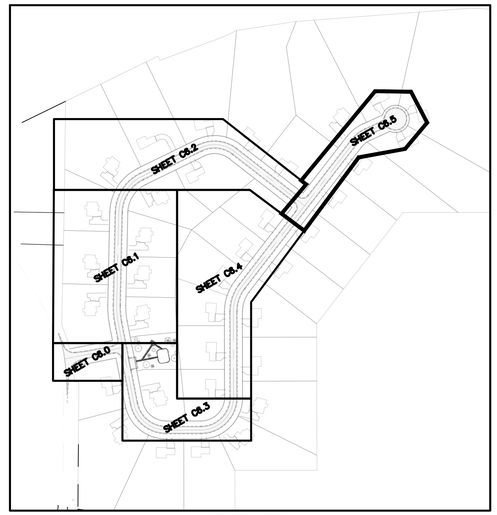
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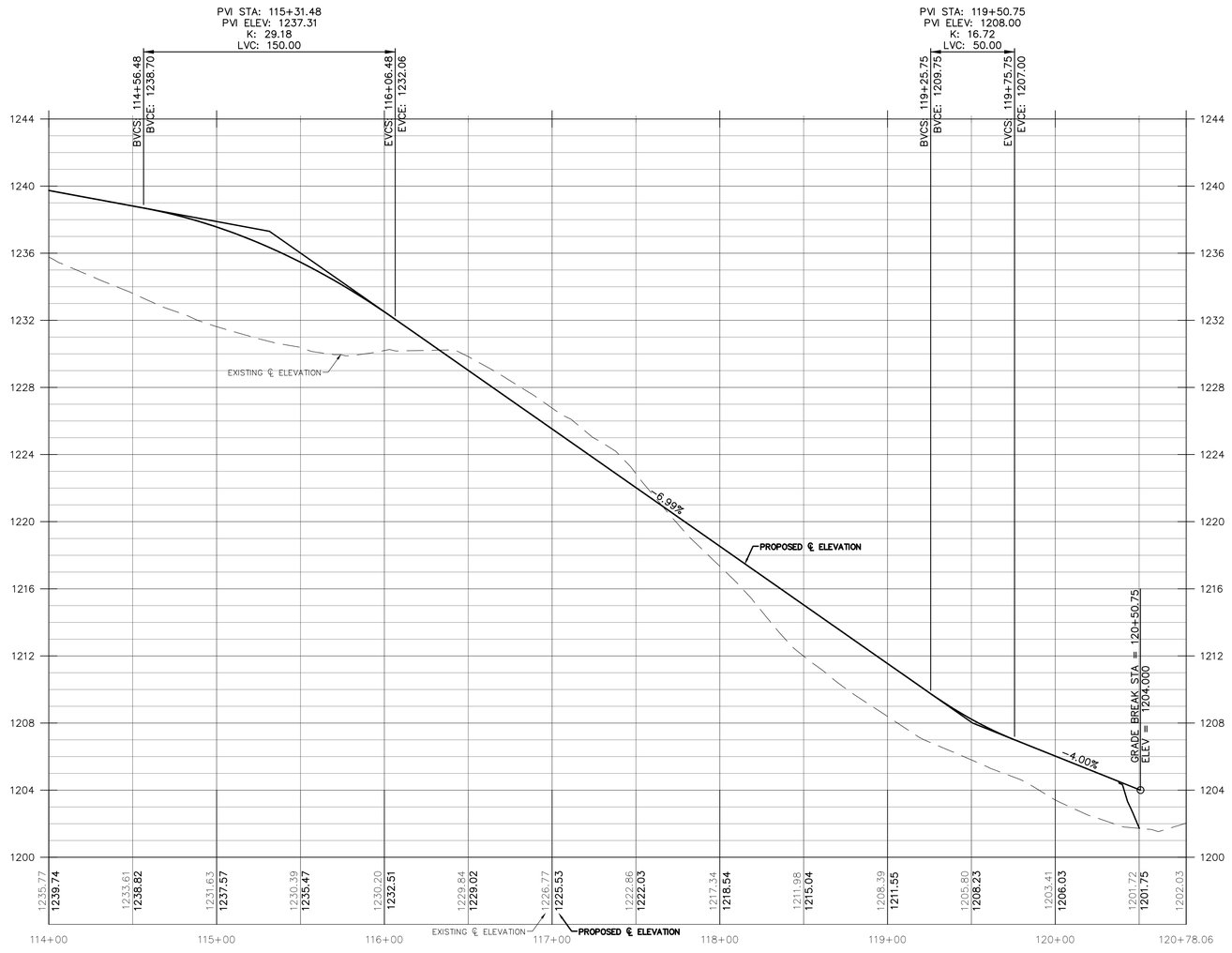
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C6.4





SHEET KEY



SCALE: 1"= 4' VERTICAL
SCALE: 1"= 40' HORIZONTAL
40' 0 40' 80'

NORTH

FEATHERSTONE COURT - ROAD AND STORM

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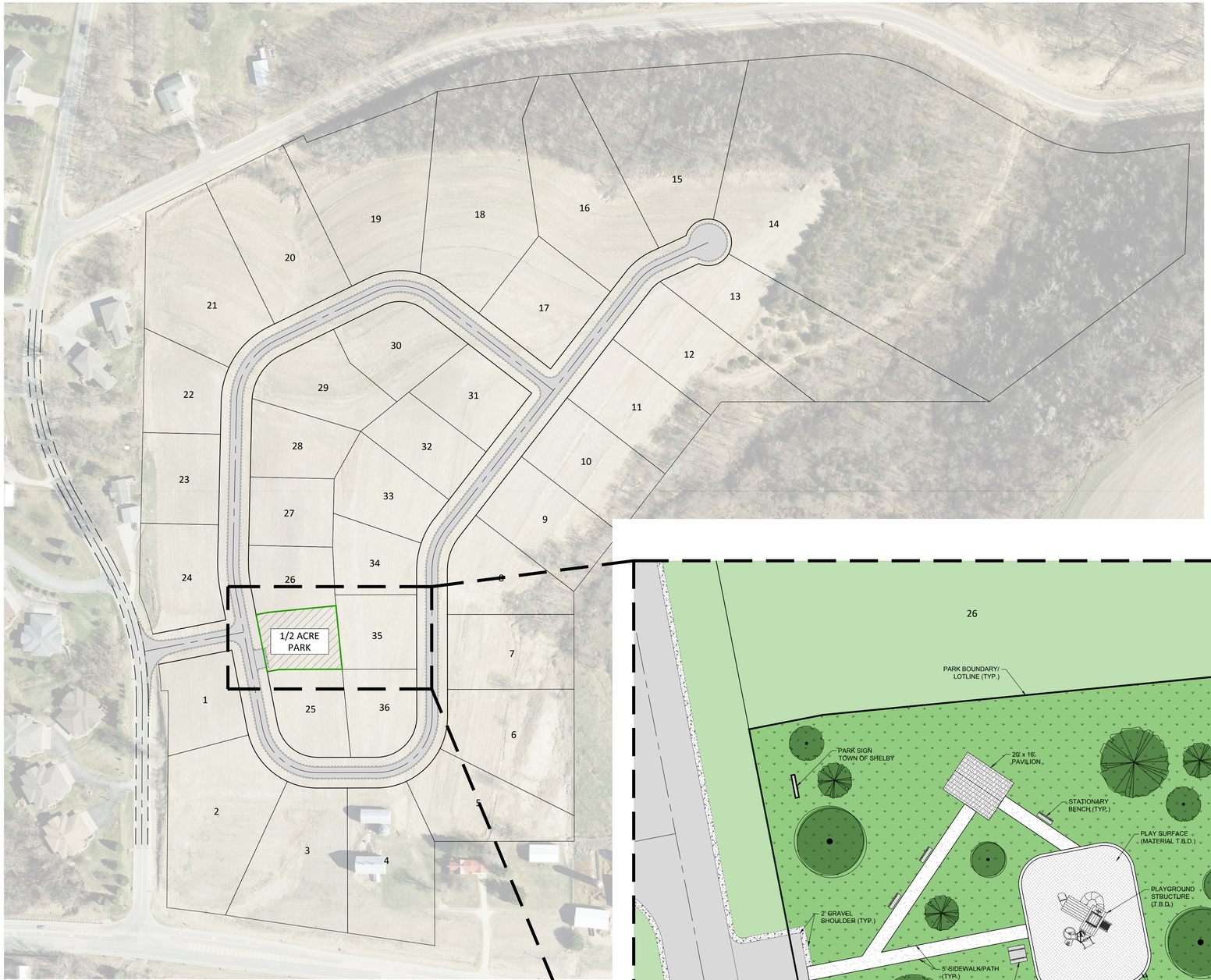
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JOB NUMBER
250128900

SHEET NUMBER
C6.5



SUBDIVISION LAYOUT

SCALE: 1"=120'



PLAYGROUND #1



PLAYGROUND #2

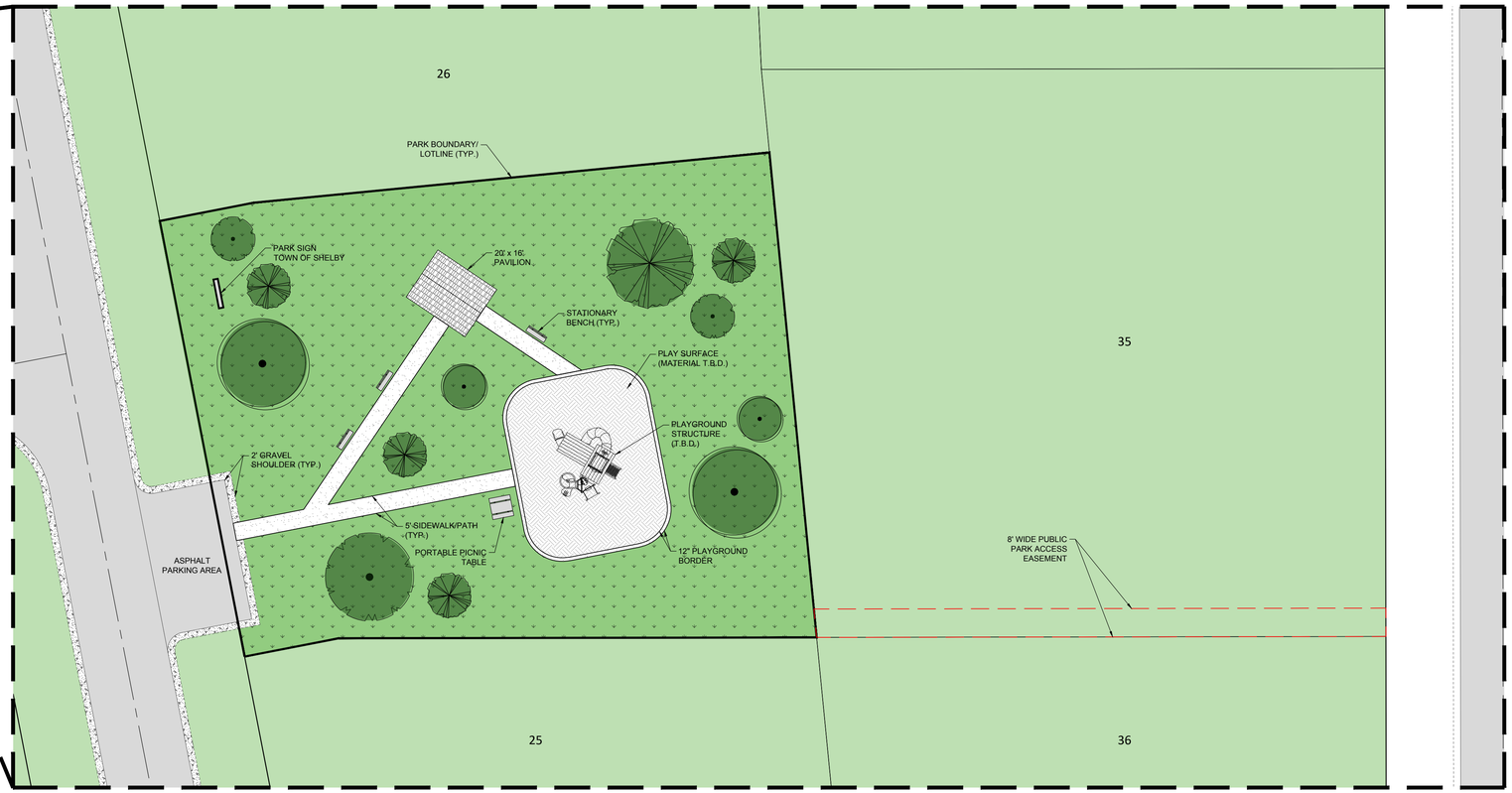


PLAYGROUND #3



20' x 16' PAVILION

NOTE: IMAGES ARE FOR CONCEPTUAL USE AND INSPIRATION ONLY.



SCHEMATIC PARK PLAN

SCALE: 1"=20'

NORTH

PARK LAYOUT EXHIBIT

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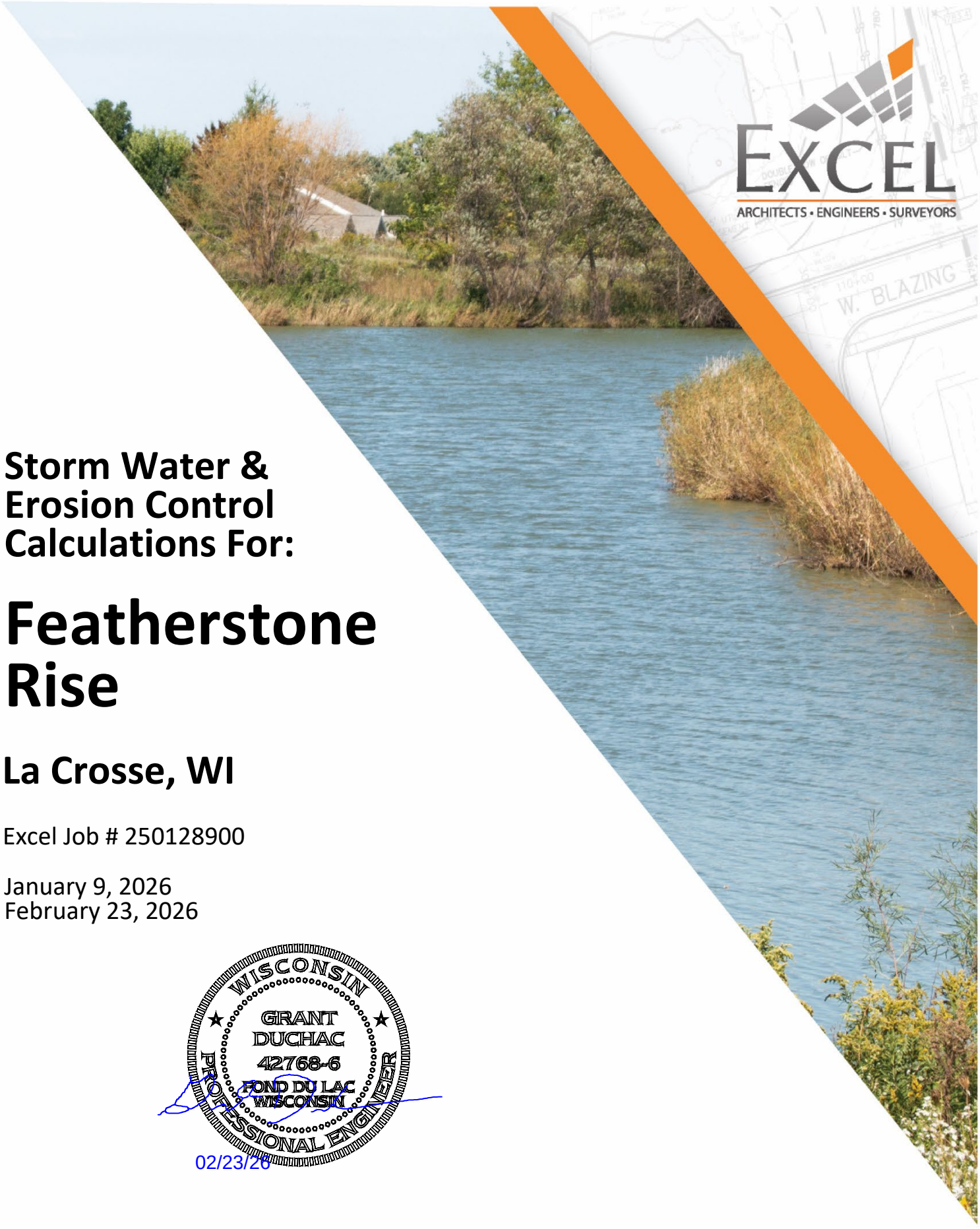
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JOB NUMBER

250128900

SHEET NUMBER

C7.0



Storm Water & Erosion Control Calculations For:

Featherstone Rise

La Crosse, WI

Excel Job # 250128900

January 9, 2026
February 23, 2026

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DUCHAC
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PROFESSIONAL ENGINEER
02/23/26

Prepared by Grant Duchac, P.E.
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Appendices

Appendix A: Pre-Development Basin Area(s)

Appendix B: Post Development Basin Area(s)

Appendix C: Peak Discharge Calculations

Appendix D: Web Soil Survey Map

Appendix E: Storm Sewer Basin Map

Appendix F: Storm Sewer Culvert Calculations

Appendix G: SLAMM Basin Map & Input/ Output Information

Appendix H: USLE Map and Calculations

0.0 Introduction

0.1 Existing Conditions

The proposed development is located on the north side of State Highway 33 in the Town of Shelby, Wisconsin. The project site is bound by County Road F and three residential properties to the west, County Road FO to the north, and wooded and agriculture land to the east. The existing site consists of agricultural fields with wooded areas and contains two barns. The southwest corner of the site drains toward STH 33. A small westerly portion drains west through a 24" culvert beneath County Rd. F. While most of the site drains to the north along County Road FO. No wetlands are present within the site; however, portions of the property contain steep slopes. The existing site can be seen in Appendix A.

- Property Area: 54.89 acres

0.2 Proposed Project Overview

The proposed project will include 36 single-family residential lots. Stormwater runoff from the development will be conveyed through a network of swales and culverts to six stormwater management biofiltration basins located around the perimeter of the site. These basins are designed to promote infiltration, reduce peak discharge rates, and provide stormwater treatment in compliance with local and state stormwater quantity, quality, and infiltration requirements.
The proposed site can be seen in Appendix B.

- Drainage/Ultimate Development Area: 35.03 acres
- Disturbed Area: 12.14 acres

1.0 Design Criteria

1.1 Soils

Soil characteristics were determined using the web soil survey. See Table 1 for a summary of the soils and hydrologic ratings indicated by the web soil survey and Appendix D for web soil survey map.

Table 1: Web Soil Survey

MAP SYMBOL	SOIL TYPE	HYDROLOGIC RATING
114B2	Mt. Carroll Silt Loam	B
132C2	Brinkman Silt Loam	B
133D2	Valton Silt Loam	C
163E2	Elbaville Silt Loam	C
601C	Beavercreek Cobbly Fine Sandy Loam	A
1125F	Doreton	B

Soil borings are to be completed for the project site in the future.

1.2 Rainfall Data

NOAA Atlas 14, La Crosse County rainfall depths with a MSE 4 distribution was used for stormwater calculations.

Table 2: NOAA Atlas 14 24-hour Rainfall Depth

DESIGN STORM	RAINFALL DEPTH (INCHES)
1-YEAR	2.50
2-YEAR	2.90
5-YEAR	3.70
10-YEAR	4.30
25-YEAR	4.90
100-YEAR	6.10

2.0 Stormwater Management Requirements

2.1 Peak Discharge

La Crosse County- Maintain or reduce the 1-yr, 2-yr, 5-yr, 10-yr, and 25-yr, 24 hour post development peak runoff discharge rates to the 1-yr, 2-yr, 5-yr, 10-yr, and 25-yr, 24 hour pre development peak runoff discharge rates respectively, or to the maximum extent practicable. All designed stormwater facilities shall safely pass the 100-yr storm event.

Wisconsin Department of Natural Resources (DNR)- Maintain or reduce the 1-yr and 2-yr 24 hour post development peak runoff discharge rates to the 1-yr and 2-yr 24 hour pre development peak runoff discharge rates respectively, or to the maximum extent practicable.

Wisconsin Department of Transportation (DOT)- Maintain or reduce the 1-yr, 2-yr, 10-yr, 25-yr, 50-yr and 100-yr 24 hour post development peak runoff discharge rates to the 1-yr, 2-yr, 10-yr, 25-yr, 50-yr and 100-yr, 24 hour pre development peak runoff discharge rates respectively, or to the maximum extent practicable drainage to the STH 33.

The Pre Development runoff curve numbers used were based on La Crosse County Post Construction Storm Water Management 29.09(1)(c). Per discussions with La Crosse County Conservation Department, post development curve numbers represent the actual post construction state as development disturbance will be limited.

Table 3: Runoff Curve Numbers

SOIL GROUP	PRE DEVELOPMENT	POST DEVELOPMENT
HYDROLOGIC GROUP B	55	61
HYDROLOGIC GROUP C	70	74

A combination of biofiltration basins will be used to reduce peak flows to be below the predevelopment flows throughout the subdivision. Some low sediment runoff residential lot areas will drain directly offsite without treatment through a stormwater facility. The runoff from the treated areas will overcompensate for the untreated areas.

Table 4: 100yr-24hr storm biofiltration summary

BIOFILTER	EMERGENCY SPILLWAY ELEVATION (FT)	CALCULATED POND ELEVATION (FT)	BASIN DISCHARGE (CFS)	DISCHARGE EXIT POINT
1A	1243.00	1242.96	6.62	STH 33 ROW
3A	1197.00	1197.22	13.73	CTH FO ROW
3B	1199.00	1199.47	24.52	CTH FO ROW
3C	1181.00	1181.10	6.79	CTH FO ROW
3D	1191.00	1191.05	6.89	CTH FO ROW
3E	1219.00	1219.11	7.12	CTH FO ROW

Table 5: Pond Summary – Basin 1A

DESIGN STORM	POND RELEASE RATE (CFS)	STORAGE VOLUME (C.F.)	MAXIMUM ELEVATION (FT)
1 YR – 24 HR	0.32	2,951	1239.93
2 YR – 24 HR	0.45	5,132	1240.45
5 YR – 24 HR	1.17	8,802	1241.17
10 YR – 24 HR	2.19	11,696	1241.65
25 YR – 24 HR	3.60	14,669	1242.10
100 YR – 24 HR	6.62	21,220	1242.96

Table 6: Pond Summary – Basin 3A

DESIGN STORM	POND RELEASE RATE (CFS)	STORAGE VOLUME (C.F.)	MAXIMUM ELEVATION (FT)
1 YR – 24 HR	0.56	7,129	1193.37
2 YR – 24 HR	0.97	10,734	1193.92
5 YR – 24 HR	2.63	17,153	1194.76
10 YR – 24 HR	4.83	22,437	1195.36
25 YR – 24 HR	6.79	28,352	1195.98
100 YR – 24 HR	13.73	42,103	1197.22

Table 7: Pond Summary – Basin 3B

DESIGN STORM	POND RELEASE RATE (CFS)	STORAGE VOLUME (C.F.)	MAXIMUM ELEVATION (FT)
1 YR – 24 HR	0.53	6,156	1196.53
2 YR – 24 HR	0.96	8,793	1196.99
5 YR – 24 HR	2.61	13,957	1197.78
10 YR – 24 HR	4.59	18,152	1198.33
25 YR – 24 HR	6.56	22,719	1198.86
100 YR – 24 HR	24.52	28,439	1199.47

Table 8: Pond Summary – Basin 3C

DESIGN STORM	POND RELEASE RATE (CFS)	STORAGE VOLUME (C.F.)	MAXIMUM ELEVATION (FT)
1 YR – 24 HR	0.23	2,322	1178.99
2 YR – 24 HR	0.31	3,509	1179.39
5 YR – 24 HR	0.73	5,454	1179.96
10 YR – 24 HR	1.13	6,905	1180.33
25 YR – 24 HR	2.08	8,327	1180.67
100 YR – 24 HR	6.79	10,244	1181.10

Table 9: Pond Summary – Basin 3D

DESIGN STORM	POND RELEASE RATE (CFS)	STORAGE VOLUME (C.F.)	MAXIMUM ELEVATION (FT)
1 YR – 24 HR	0.37	2,240	1188.74
2 YR – 24 HR	0.74	2,906	1189.08
5 YR – 24 HR	1.92	4,243	1189.67
10 YR – 24 HR	3.16	5,269	1190.07
25 YR – 24 HR	4.56	6,232	1190.42
100 YR – 24 HR	6.89	8,209	1191.05

Table 10: Pond Summary – Basin 3E

DESIGN STORM	POND RELEASE RATE (CFS)	STORAGE VOLUME (C.F.)	MAXIMUM ELEVATION (FT)
1 YR – 24 HR	0.26	2,290	1216.82
2 YR – 24 HR	0.30	3,688	1217.25
5 YR – 24 HR	0.67	5,965	1217.88
10 YR – 24 HR	1.23	7,552	1218.29
25 YR – 24 HR	2.04	9,113	1218.66
100 YR – 24 HR	7.12	11,171	1219.11

Table 11: Overall Peak Discharge Release Summary

DESIGN STORM	PREDEVELOPMENT (CFS) (1L)	POST DEVELOPMENT (CFS) (2L)
1 YR- 24 HR	2.17	2.11
2 YR- 24 HR	6.15	3.04
5YR- 24 HR	20.61	7.52
10 YR- 24 HR	34.45	15.10
25 YR- 24 HR	50.10	24.04
100 YR- 24 HR	85.40	41.84

Table 11 shows that post development release rates for the entire development will be less than predevelopment release rates for all design storms.

Table 12: Drainage to WisDOT STH 33 right-of-way

	PREDEVELOPMENT	POST DEVELOPMENT			
DESIGN STORM	**Peak Discharge (cfs)** (1)	**To Biofilter (cfs)** (1A)	**Basin Discharge (cfs)** (P1A)	**Offsite (cfs)** (1B)	**Peak Discharge (To Biofilter + Offsite) (cfs)** (3L)
1YR-24 HR	**0.09**	2.93	0.32	0.14	**0.14**
2YR-24 HR	**0.31**	4.83	0.45	0.26	**0.26**
5YR-24HR	**1.62**	9.27	1.17	0.55	**0.77**
10YR-24HR	**3.23**	13.00	2.19	0.80	**1.81**
25YR-24HR	**5.15**	16.99	3.02	1.08	**3.27**
100YR-24HR	**9.61**	25.52	5.93	1.67	**6.55**

Table 12 shows that post development release rates to WisDOT STH 33 will be less than pre development release rates for the 2-yr, 5-yr, 10-yr, 25-yr and 100-yr 24 hour storms. Due to the conservative pre (meadow condition) and post runoff curve numbers listed in Table 3, the 1-yr 24 hour storm draining to STH 33 has been reduced to the maximum extent practicable.

See sheets C2.1-C2.3 and C4.0-C4.3 of the construction plans for pond design and Appendix C for peak discharge calculations.

Therefore, peak discharge requirements are met.

2.2 Stormwater Quality

La Crosse County- The site is considered a new development project and will be required to remove 80% of total suspended solids (TSS) from site runoff.

Wisconsin DNR- The site is considered a new development project and will be required to remove 80% of total suspended solids (TSS) from site runoff.

The site will treat stormwater using a combination of biofiltration with storage. SLAMM analysis was used to determine the quantity of suspended solids that will be removed by the proposed biofiltration basins. The proposed site will create 5,780 lbs of TSS and the proposed biofiltration basins will reduce TSS to 1150 lbs, which results in an 80.10% reduction in TSS release.

Since the proposed biofiltration basins remove 80.10% of suspended solids which is greater than the required 80%.

Therefore, stormwater quality requirements have been met.

2.3 Infiltration

La Crosse County- Infiltrate sufficient runoff volume so that the post-development infiltration volume shall be at least 90% of the pre-development infiltration volume, based on an average annual rainfall. However, no more than 1% of the post-construction site is required as an effective infiltration area.

Wisconsin DNR- Infiltrate sufficient runoff volume so that the post-development infiltration volume shall be at least 90% of the pre-development infiltration volume, based on an average annual rainfall. However, no more than 1% of the post-construction site is required as an effective infiltration area.

The proposed development will be 1,525,922 sf, which means that a maximum of 15,260 sf of area will be required for infiltration onsite. The six proposed biofiltration basins have an area of 19,614 sf of infiltration area.
This meets the 1% maximum requirement (19,614 sf / 1,525,922 sf = 1.3%).

Therefore, Infiltration requirements are met.

3.0 Storm Sewer Design

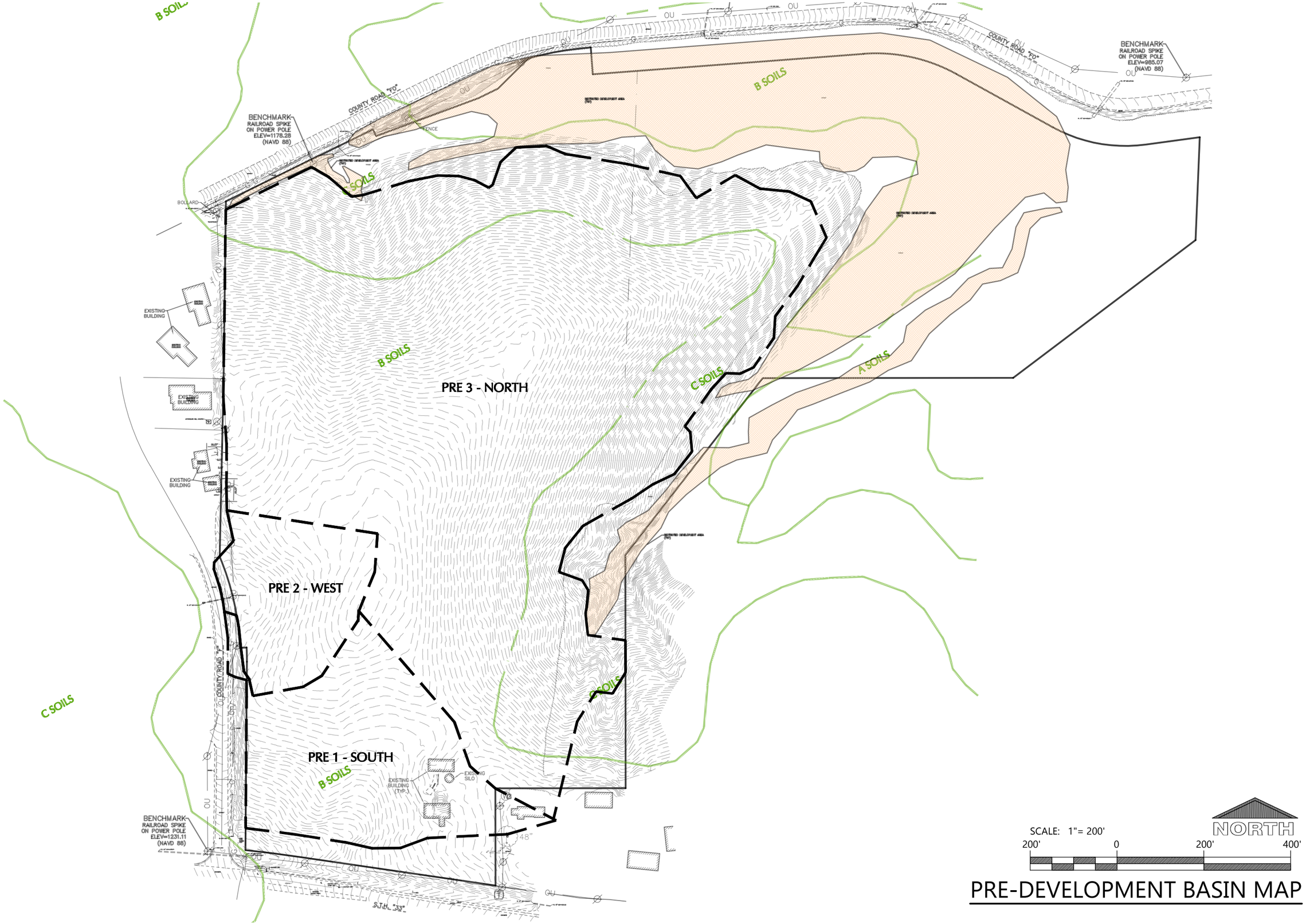
All storm sewers have been designed to convey the 25-year 24-hour post development storm.

See Appendix E and Appendix F for pipe drainage areas and pipe sizing calculations.

4.0 Erosion Control

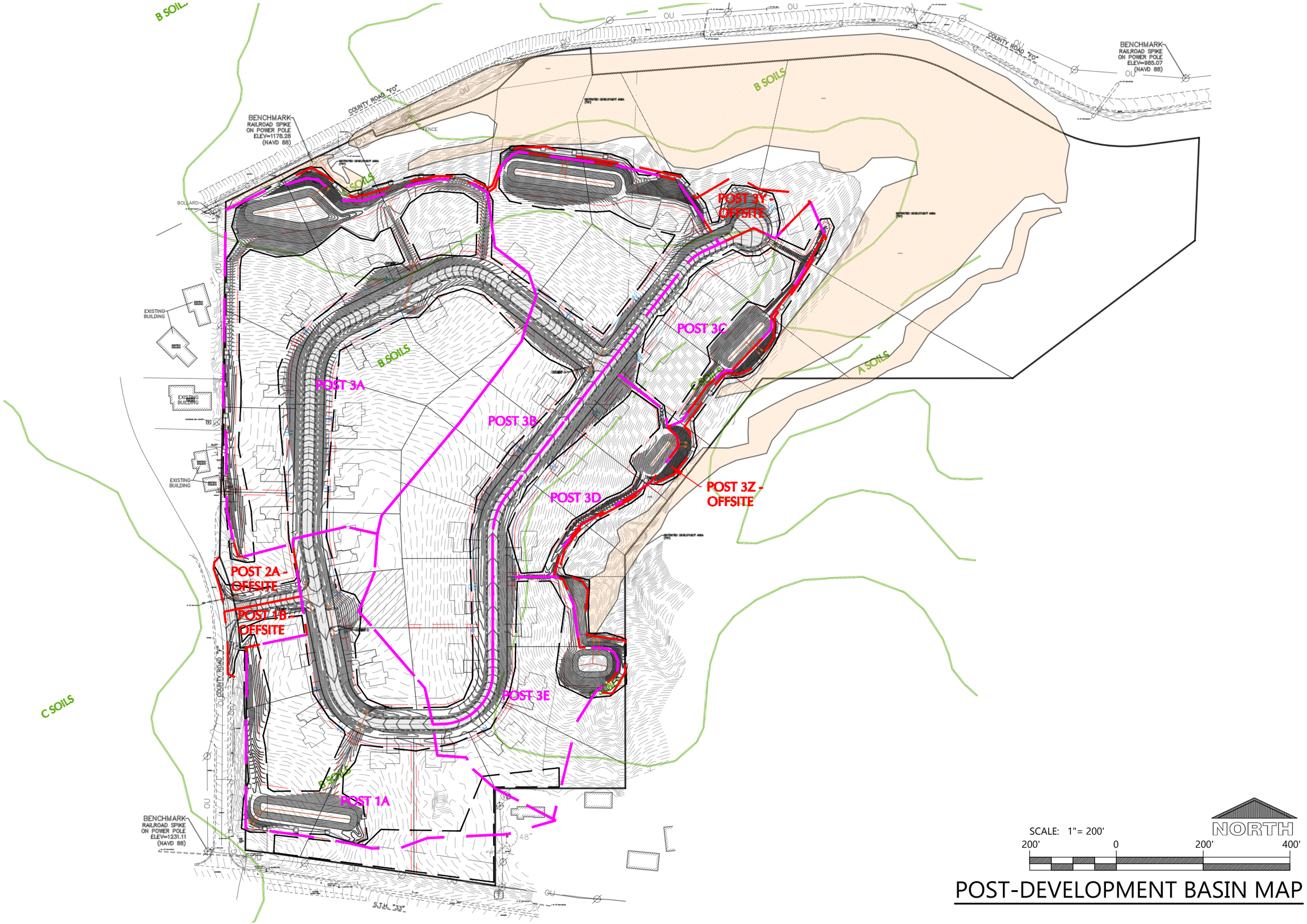
The erosion control measures shall follow La Crosse County specifications. The construction sequence, erosion matting and erosion control notes are shown in the construction plan set.

Appendix A: Pre-Development Basin Area(s)



PRE-DEVELOPMENT BASIN MAP

Appendix B: Post Development Basin Area(s)



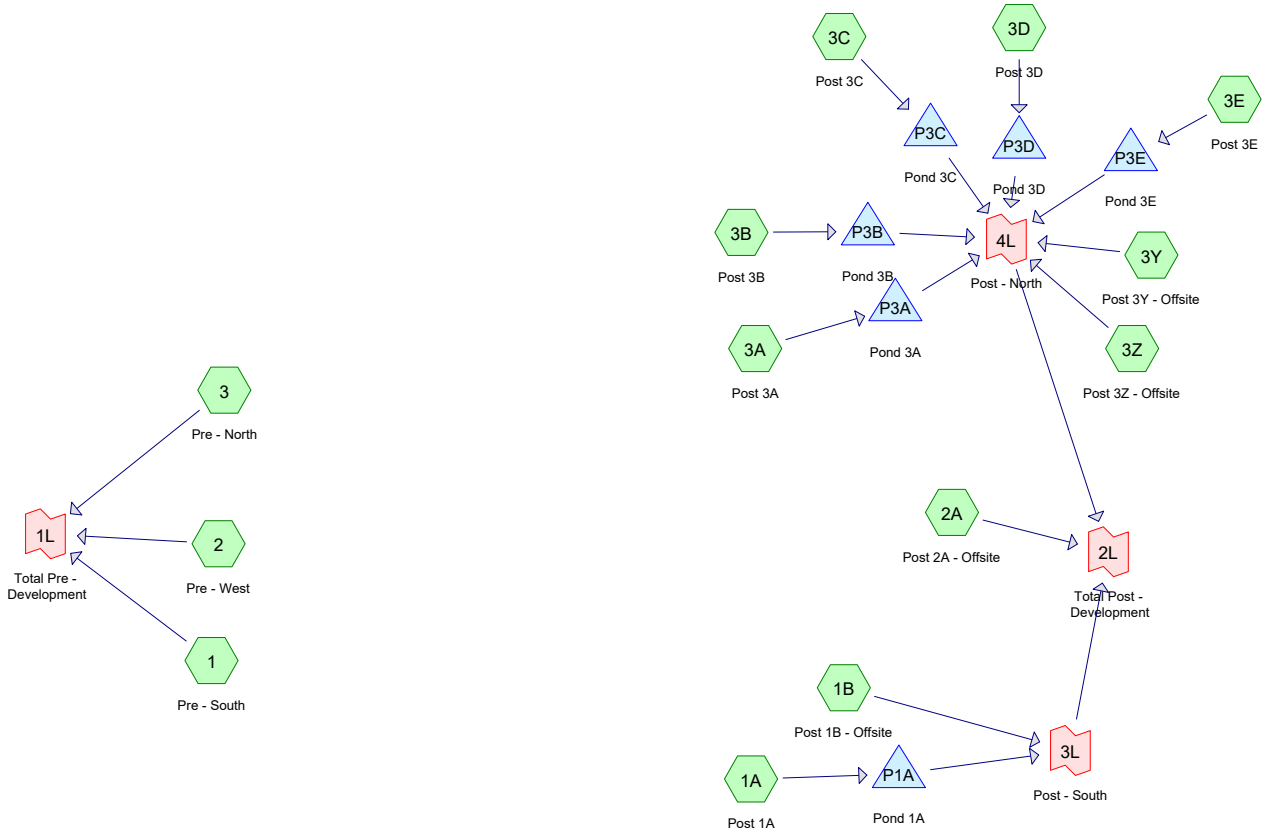
SCALE: 1"= 200'

200' 0 200' 400'

NORTH

POST-DEVELOPMENT BASIN MAP

Appendix C: Peak Discharge Calculations



Routing Diagram for 250128900_swm
Prepared by Excel Engineering, Printed 2/23/2026
HydroCAD® 10.20-6a s/n 01178 © 2024 HydroCAD Software Solutions LLC

Rainfall Events Listing

Event#	Event Name	Storm Type	Curve	Mode	Duration (hours)	B/B	Depth (inches)	AMC
1	1 YR	MSE 24-hr	4	Default	24.00	1	2.50	2
2	2 YR	MSE 24-hr	4	Default	24.00	1	2.90	2
3	5 YR	MSE 24-hr	4	Default	24.00	1	3.70	2
4	10 YR	MSE 24-hr	4	Default	24.00	1	4.30	2
5	25 YR	MSE 24-hr	4	Default	24.00	1	4.90	2
6	100 YR	MSE 24-hr	4	Default	24.00	1	6.10	2

Time span=5.00-500.00 hrs, dt=0.05 hrs, 9901 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment1: Pre - South Runoff Area=4.910 ac 0.00% Impervious Runoff Depth=0.08"
Tc=10.0 min CN=55 Runoff=0.09 cfs 0.034 af

Subcatchment1A: Post 1A Runoff Area=6.030 ac 19.24% Impervious Runoff Depth=0.39"
Tc=6.0 min CN=68 Runoff=2.93 cfs 0.195 af

Subcatchment1B: Post 1B - Offsite Runoff Area=0.440 ac 11.36% Impervious Runoff Depth=0.30"
Tc=6.0 min CN=65 Runoff=0.14 cfs 0.011 af

Subcatchment2: Pre - West Runoff Area=2.540 ac 0.00% Impervious Runoff Depth=0.08"
Tc=6.0 min CN=55 Runoff=0.04 cfs 0.017 af

Subcatchment2A: Post 2A - Offsite Runoff Area=0.530 ac 11.32% Impervious Runoff Depth=0.30"
Tc=6.0 min CN=65 Runoff=0.16 cfs 0.013 af

Subcatchment3: Pre - North Runoff Area=27.590 ac 0.00% Impervious Runoff Depth=0.17"
Tc=10.0 min CN=60 Runoff=2.12 cfs 0.400 af

Subcatchment3A: Post 3A Runoff Area=10.600 ac 18.58% Impervious Runoff Depth=0.46"
Tc=6.0 min CN=70 Runoff=6.50 cfs 0.402 af

Subcatchment3B: Post 3B Runoff Area=8.450 ac 19.88% Impervious Runoff Depth=0.49"
Tc=6.0 min CN=71 Runoff=5.75 cfs 0.346 af

Subcatchment3C: Post 3C Runoff Area=2.490 ac 22.89% Impervious Runoff Depth=0.65"
Tc=6.0 min CN=75 Runoff=2.42 cfs 0.135 af

Subcatchment3D: Post 3D Runoff Area=2.380 ac 23.95% Impervious Runoff Depth=0.69"
Tc=6.0 min CN=76 Runoff=2.49 cfs 0.138 af

Subcatchment3E: Post 3E Runoff Area=2.780 ac 19.06% Impervious Runoff Depth=0.61"
Tc=6.0 min CN=74 Runoff=2.49 cfs 0.141 af

Subcatchment3Y: Post 3Y - Offsite Runoff Area=0.820 ac 36.59% Impervious Runoff Depth=1.06"
Tc=6.0 min CN=83 Runoff=1.36 cfs 0.072 af

Subcatchment3Z: Post 3Z - Offsite Runoff Area=0.520 ac 0.00% Impervious Runoff Depth=0.61"
Tc=6.0 min CN=74 Runoff=0.47 cfs 0.026 af

Subcatchment5S: Culvert 1 Runoff Area=4,797 sf 48.61% Impervious Runoff Depth=0.84"
Tc=6.0 min CN=79 Runoff=0.14 cfs 0.008 af

Subcatchment6S: Culvert 2 Runoff Area=24,708 sf 36.87% Impervious Runoff Depth=0.65"
Tc=6.0 min CN=75 Runoff=0.55 cfs 0.031 af

Subcatchment7S: Culvert 3 Runoff Area=41,517 sf 32.00% Impervious Runoff Depth=0.57"
Tc=6.0 min CN=73 Runoff=0.78 cfs 0.045 af

Subcatchment8S: Culvert 4 Runoff Area=209,603 sf 25.18% Impervious Runoff Depth=0.46"
Tc=6.0 min CN=70 Runoff=2.95 cfs 0.183 af

Subcatchment9S: Culvert 5 Runoff Area=188,836 sf 19.96% Impervious Runoff Depth=0.39"
Tc=6.0 min CN=68 Runoff=2.10 cfs 0.140 af

Pond P1A: Pond 1A Peak Elev=1,239.93' Storage=2,951 cf Inflow=2.93 cfs 0.195 af
Primary=0.00 cfs 0.000 af Secondary=0.32 cfs 0.195 af Tertiary=0.00 cfs 0.000 af Outflow=0.32 cfs 0.195 af

Pond P3A: Pond 3A Peak Elev=1,193.37' Storage=7,129 cf Inflow=6.50 cfs 0.402 af
Primary=0.04 cfs 0.006 af Secondary=0.52 cfs 0.396 af Tertiary=0.00 cfs 0.000 af Outflow=0.56 cfs 0.402 af

Pond P3B: Pond 3B Peak Elev=1,196.53' Storage=6,156 cf Inflow=5.75 cfs 0.346 af
Primary=0.10 cfs 0.017 af Secondary=0.44 cfs 0.329 af Tertiary=0.00 cfs 0.000 af Outflow=0.53 cfs 0.346 af

Pond P3C: Pond 3C Peak Elev=1,178.99' Storage=2,322 cf Inflow=2.42 cfs 0.135 af
Primary=0.00 cfs 0.000 af Secondary=0.23 cfs 0.135 af Tertiary=0.00 cfs 0.000 af Outflow=0.23 cfs 0.135 af

Pond P3D: Pond 3D Peak Elev=1,188.74' Storage=2,240 cf Inflow=2.49 cfs 0.138 af
Primary=0.22 cfs 0.031 af Secondary=0.15 cfs 0.107 af Tertiary=0.00 cfs 0.000 af Outflow=0.37 cfs 0.138 af

Pond P3E: Pond 3E Peak Elev=1,216.82' Storage=2,290 cf Inflow=2.49 cfs 0.141 af
Primary=0.00 cfs 0.000 af Secondary=0.26 cfs 0.141 af Tertiary=0.00 cfs 0.000 af Outflow=0.26 cfs 0.141 af

Link 1L: Total Pre - Development Inflow=2.17 cfs 0.451 af
Primary=2.17 cfs 0.451 af

Link 2L: Total Post - Development Inflow=2.11 cfs 0.177 af
Primary=2.11 cfs 0.177 af

Link 3L: Post - South Inflow=0.14 cfs 0.011 af
Primary=0.14 cfs 0.011 af

Link 4L: Post - North Inflow=1.82 cfs 0.153 af
Primary=1.82 cfs 0.153 af

Total Runoff Area = 80.857 ac Runoff Volume = 2.336 af Average Runoff Depth = 0.35"
88.21% Pervious = 71.323 ac 11.79% Impervious = 9.534 ac

Summary for Subcatchment 1: Pre - South

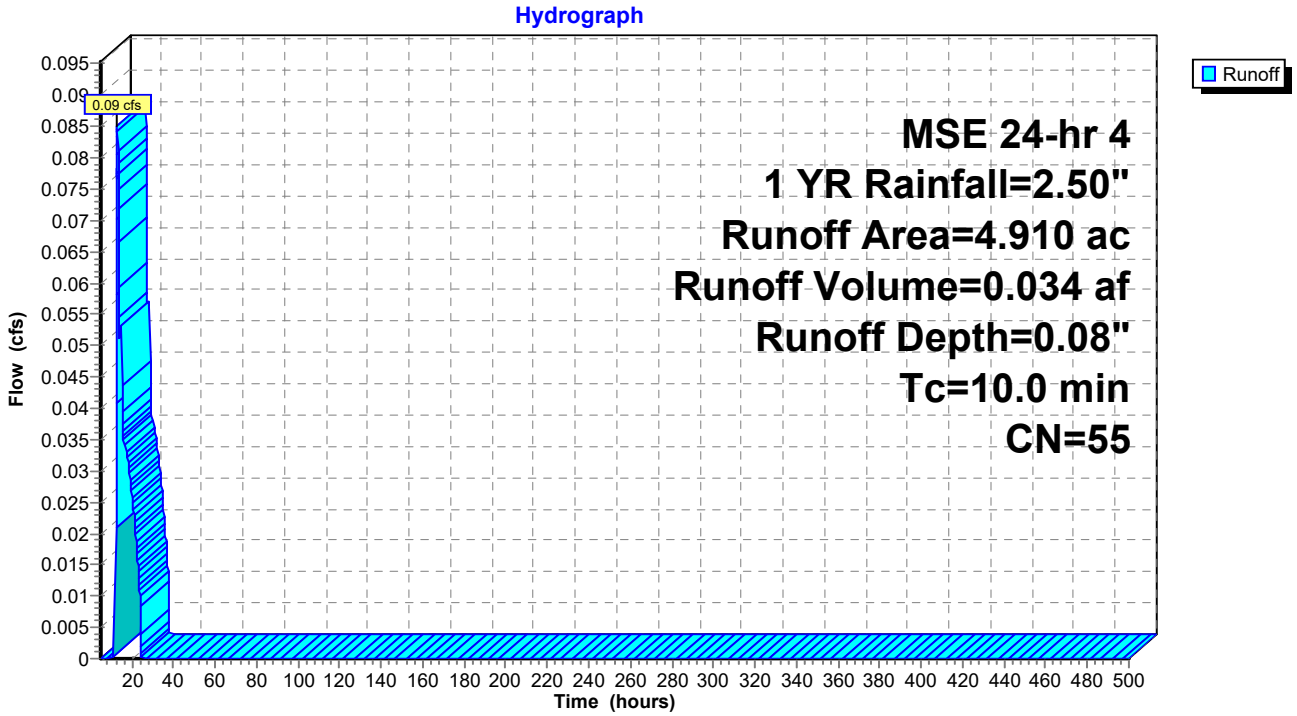
Runoff = 0.09 cfs @ 13.10 hrs, Volume= 0.034 af, Depth= 0.08"
Routed to Link 1L : Total Pre - Development

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 1 YR Rainfall=2.50"

	Area (ac)	CN	Description
*	4.910	55	Pre Dev - B Soils
	4.910		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					**Direct Entry,**

Subcatchment 1: Pre - South



Hydrograph for Subcatchment 1: Pre - South

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.11	0.00	0.00	260.00	2.50	0.08	0.00
10.00	0.40	0.00	**0.00**	265.00	2.50	0.08	0.00
15.00	2.20	0.04	**0.05**	270.00	2.50	0.08	0.00
20.00	**2.42**	**0.07**	0.03	275.00	2.50	0.08	0.00
25.00	**2.50**	**0.08**	0.00	280.00	2.50	0.08	0.00
30.00	2.50	0.08	0.00	285.00	2.50	0.08	0.00
35.00	2.50	0.08	0.00	290.00	2.50	0.08	0.00
40.00	2.50	0.08	0.00	295.00	2.50	0.08	0.00
45.00	2.50	0.08	0.00	300.00	2.50	0.08	0.00
50.00	2.50	0.08	0.00	305.00	2.50	0.08	0.00
55.00	2.50	0.08	0.00	310.00	2.50	0.08	0.00
60.00	2.50	0.08	0.00	315.00	2.50	0.08	0.00
65.00	2.50	0.08	0.00	320.00	2.50	0.08	0.00
70.00	2.50	0.08	0.00	325.00	2.50	0.08	0.00
75.00	2.50	0.08	0.00	330.00	2.50	0.08	0.00
80.00	2.50	0.08	0.00	335.00	2.50	0.08	0.00
85.00	2.50	0.08	0.00	340.00	2.50	0.08	0.00
90.00	2.50	0.08	0.00	345.00	2.50	0.08	0.00
95.00	2.50	0.08	0.00	350.00	2.50	0.08	0.00
100.00	2.50	0.08	0.00	355.00	2.50	0.08	0.00
105.00	2.50	0.08	0.00	360.00	2.50	0.08	0.00
110.00	2.50	0.08	0.00	365.00	2.50	0.08	0.00
115.00	2.50	0.08	0.00	370.00	2.50	0.08	0.00
120.00	2.50	0.08	0.00	375.00	2.50	0.08	0.00
125.00	2.50	0.08	0.00	380.00	2.50	0.08	0.00
130.00	2.50	0.08	0.00	385.00	2.50	0.08	0.00
135.00	2.50	0.08	0.00	390.00	2.50	0.08	0.00
140.00	2.50	0.08	0.00	395.00	2.50	0.08	0.00
145.00	2.50	0.08	0.00	400.00	2.50	0.08	0.00
150.00	2.50	0.08	0.00	405.00	2.50	0.08	0.00
155.00	2.50	0.08	0.00	410.00	2.50	0.08	0.00
160.00	2.50	0.08	0.00	415.00	2.50	0.08	0.00
165.00	2.50	0.08	0.00	420.00	2.50	0.08	0.00
170.00	2.50	0.08	0.00	425.00	2.50	0.08	0.00
175.00	2.50	0.08	0.00	430.00	2.50	0.08	0.00
180.00	2.50	0.08	0.00	435.00	2.50	0.08	0.00
185.00	2.50	0.08	0.00	440.00	2.50	0.08	0.00
190.00	2.50	0.08	0.00	445.00	2.50	0.08	0.00
195.00	2.50	0.08	0.00	450.00	2.50	0.08	0.00
200.00	2.50	0.08	0.00	455.00	2.50	0.08	0.00
205.00	2.50	0.08	0.00	460.00	2.50	0.08	0.00
210.00	2.50	0.08	0.00	465.00	2.50	0.08	0.00
215.00	2.50	0.08	0.00	470.00	2.50	0.08	0.00
220.00	2.50	0.08	0.00	475.00	2.50	0.08	0.00
225.00	2.50	0.08	0.00	480.00	2.50	0.08	0.00
230.00	2.50	0.08	0.00	485.00	2.50	0.08	0.00
235.00	2.50	0.08	0.00	490.00	2.50	0.08	0.00
240.00	2.50	0.08	0.00	495.00	2.50	0.08	0.00
245.00	2.50	0.08	0.00	500.00	2.50	0.08	0.00
250.00	2.50	0.08	0.00				
255.00	2.50	0.08	0.00				

Summary for Subcatchment 1A: Post 1A

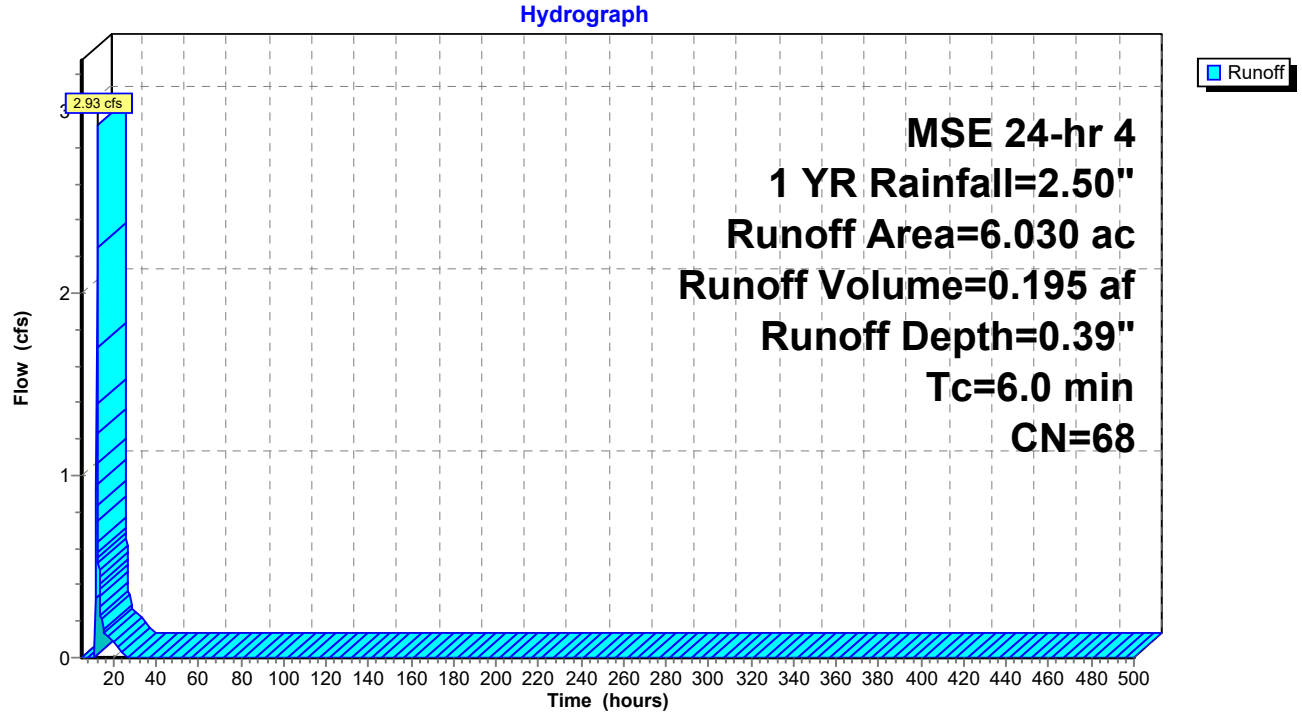
Runoff = 2.93 cfs @ 12.15 hrs, Volume= 0.195 af, Depth= 0.39"
Routed to Pond P1A : Pond 1A

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 1 YR Rainfall=2.50"

	Area (ac)	CN	Description
*	1.160	98	Impervious
*	4.870	61	Post - B Soils
*	0.000	74	Post - C Soils
	6.030	68	Weighted Average
	4.870		80.76% Pervious Area
	1.160		19.24% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 1A: Post 1A



Hydrograph for Subcatchment 1A: Post 1A

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.11	0.00	0.00
10.00	0.40	0.00	**0.00**
15.00	2.20	0.26	**0.20**
20.00	**2.42**	**0.35**	0.08
25.00	**2.50**	**0.39**	0.00
30.00	2.50	0.39	0.00
35.00	2.50	0.39	0.00
40.00	2.50	0.39	0.00
45.00	2.50	0.39	0.00
50.00	2.50	0.39	0.00
55.00	2.50	0.39	0.00
60.00	2.50	0.39	0.00
65.00	2.50	0.39	0.00
70.00	2.50	0.39	0.00
75.00	2.50	0.39	0.00
80.00	2.50	0.39	0.00
85.00	2.50	0.39	0.00
90.00	2.50	0.39	0.00
95.00	2.50	0.39	0.00
100.00	2.50	0.39	0.00
105.00	2.50	0.39	0.00
110.00	2.50	0.39	0.00
115.00	2.50	0.39	0.00
120.00	2.50	0.39	0.00
125.00	2.50	0.39	0.00
130.00	2.50	0.39	0.00
135.00	2.50	0.39	0.00
140.00	2.50	0.39	0.00
145.00	2.50	0.39	0.00
150.00	2.50	0.39	0.00
155.00	2.50	0.39	0.00
160.00	2.50	0.39	0.00
165.00	2.50	0.39	0.00
170.00	2.50	0.39	0.00
175.00	2.50	0.39	0.00
180.00	2.50	0.39	0.00
185.00	2.50	0.39	0.00
190.00	2.50	0.39	0.00
195.00	2.50	0.39	0.00
200.00	2.50	0.39	0.00
205.00	2.50	0.39	0.00
210.00	2.50	0.39	0.00
215.00	2.50	0.39	0.00
220.00	2.50	0.39	0.00
225.00	2.50	0.39	0.00
230.00	2.50	0.39	0.00
235.00	2.50	0.39	0.00
240.00	2.50	0.39	0.00
245.00	2.50	0.39	0.00
250.00	2.50	0.39	0.00
255.00	2.50	0.39	0.00
260.00	2.50	0.39	0.00
265.00	2.50	0.39	0.00
270.00	2.50	0.39	0.00
275.00	2.50	0.39	0.00
280.00	2.50	0.39	0.00
285.00	2.50	0.39	0.00
290.00	2.50	0.39	0.00
295.00	2.50	0.39	0.00
300.00	2.50	0.39	0.00
305.00	2.50	0.39	0.00
310.00	2.50	0.39	0.00
315.00	2.50	0.39	0.00
320.00	2.50	0.39	0.00
325.00	2.50	0.39	0.00
330.00	2.50	0.39	0.00
335.00	2.50	0.39	0.00
340.00	2.50	0.39	0.00
345.00	2.50	0.39	0.00
350.00	2.50	0.39	0.00
355.00	2.50	0.39	0.00
360.00	2.50	0.39	0.00
365.00	2.50	0.39	0.00
370.00	2.50	0.39	0.00
375.00	2.50	0.39	0.00
380.00	2.50	0.39	0.00
385.00	2.50	0.39	0.00
390.00	2.50	0.39	0.00
395.00	2.50	0.39	0.00
400.00	2.50	0.39	0.00
405.00	2.50	0.39	0.00
410.00	2.50	0.39	0.00
415.00	2.50	0.39	0.00
420.00	2.50	0.39	0.00
425.00	2.50	0.39	0.00
430.00	2.50	0.39	0.00
435.00	2.50	0.39	0.00
440.00	2.50	0.39	0.00
445.00	2.50	0.39	0.00
450.00	2.50	0.39	0.00
455.00	2.50	0.39	0.00
460.00	2.50	0.39	0.00
465.00	2.50	0.39	0.00
470.00	2.50	0.39	0.00
475.00	2.50	0.39	0.00
480.00	2.50	0.39	0.00
485.00	2.50	0.39	0.00
490.00	2.50	0.39	0.00
495.00	2.50	0.39	0.00
500.00	2.50	0.39	0.00

Summary for Subcatchment 1B: Post 1B - Offsite

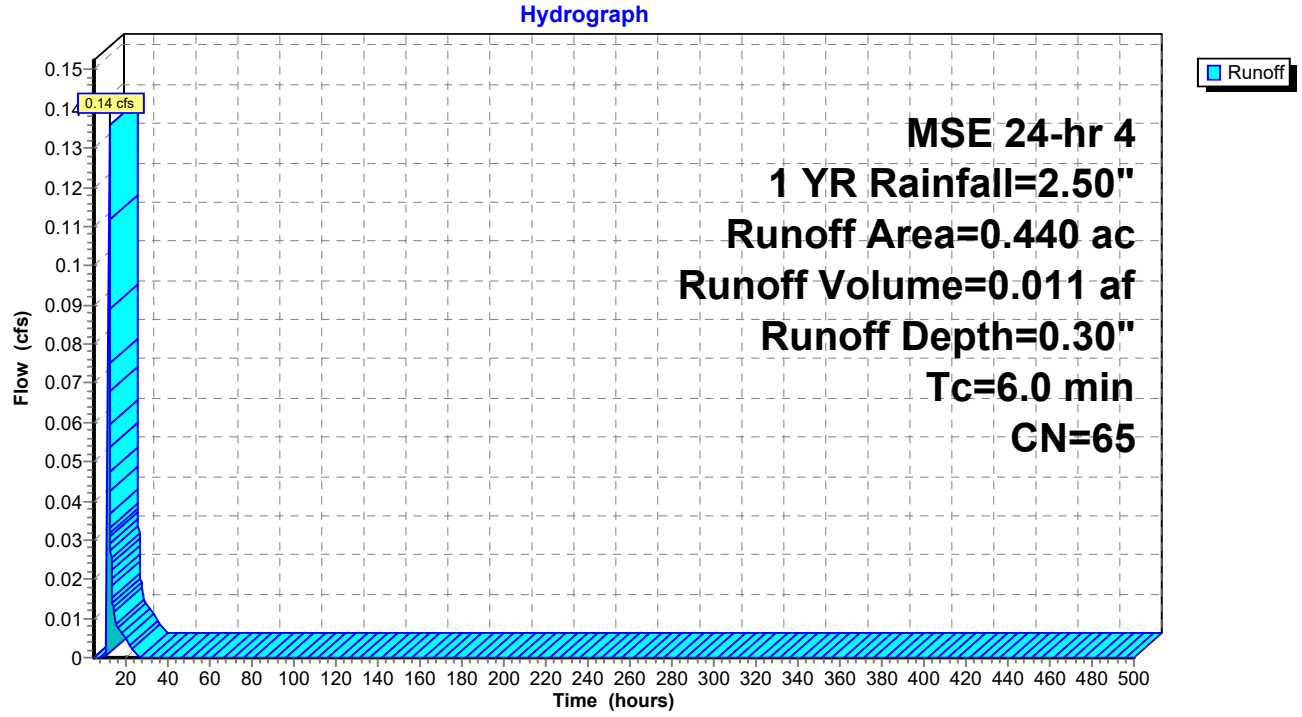
Runoff = 0.14 cfs @ 12.16 hrs, Volume= 0.011 af, Depth= 0.30"
Routed to Link 3L : Post - South

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 1 YR Rainfall=2.50"

	Area (ac)	CN	Description
*	0.050	98	Impervious
*	0.390	61	Post - B Soils
*	0.000	74	Post - C Soils
	0.440	65	Weighted Average
	0.390		88.64% Pervious Area
	0.050		11.36% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 1B: Post 1B - Offsite



Hydrograph for Subcatchment 1B: Post 1B - Offsite

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.11	0.00	0.00	260.00	2.50	0.30	0.00
10.00	0.40	0.00	**0.00**	265.00	2.50	0.30	0.00
15.00	2.20	0.19	**0.01**	270.00	2.50	0.30	0.00
20.00	**2.42**	**0.27**	0.01	275.00	2.50	0.30	0.00
25.00	**2.50**	**0.30**	0.00	280.00	2.50	0.30	0.00
30.00	2.50	0.30	0.00	285.00	2.50	0.30	0.00
35.00	2.50	0.30	0.00	290.00	2.50	0.30	0.00
40.00	2.50	0.30	0.00	295.00	2.50	0.30	0.00
45.00	2.50	0.30	0.00	300.00	2.50	0.30	0.00
50.00	2.50	0.30	0.00	305.00	2.50	0.30	0.00
55.00	2.50	0.30	0.00	310.00	2.50	0.30	0.00
60.00	2.50	0.30	0.00	315.00	2.50	0.30	0.00
65.00	2.50	0.30	0.00	320.00	2.50	0.30	0.00
70.00	2.50	0.30	0.00	325.00	2.50	0.30	0.00
75.00	2.50	0.30	0.00	330.00	2.50	0.30	0.00
80.00	2.50	0.30	0.00	335.00	2.50	0.30	0.00
85.00	2.50	0.30	0.00	340.00	2.50	0.30	0.00
90.00	2.50	0.30	0.00	345.00	2.50	0.30	0.00
95.00	2.50	0.30	0.00	350.00	2.50	0.30	0.00
100.00	2.50	0.30	0.00	355.00	2.50	0.30	0.00
105.00	2.50	0.30	0.00	360.00	2.50	0.30	0.00
110.00	2.50	0.30	0.00	365.00	2.50	0.30	0.00
115.00	2.50	0.30	0.00	370.00	2.50	0.30	0.00
120.00	2.50	0.30	0.00	375.00	2.50	0.30	0.00
125.00	2.50	0.30	0.00	380.00	2.50	0.30	0.00
130.00	2.50	0.30	0.00	385.00	2.50	0.30	0.00
135.00	2.50	0.30	0.00	390.00	2.50	0.30	0.00
140.00	2.50	0.30	0.00	395.00	2.50	0.30	0.00
145.00	2.50	0.30	0.00	400.00	2.50	0.30	0.00
150.00	2.50	0.30	0.00	405.00	2.50	0.30	0.00
155.00	2.50	0.30	0.00	410.00	2.50	0.30	0.00
160.00	2.50	0.30	0.00	415.00	2.50	0.30	0.00
165.00	2.50	0.30	0.00	420.00	2.50	0.30	0.00
170.00	2.50	0.30	0.00	425.00	2.50	0.30	0.00
175.00	2.50	0.30	0.00	430.00	2.50	0.30	0.00
180.00	2.50	0.30	0.00	435.00	2.50	0.30	0.00
185.00	2.50	0.30	0.00	440.00	2.50	0.30	0.00
190.00	2.50	0.30	0.00	445.00	2.50	0.30	0.00
195.00	2.50	0.30	0.00	450.00	2.50	0.30	0.00
200.00	2.50	0.30	0.00	455.00	2.50	0.30	0.00
205.00	2.50	0.30	0.00	460.00	2.50	0.30	0.00
210.00	2.50	0.30	0.00	465.00	2.50	0.30	0.00
215.00	2.50	0.30	0.00	470.00	2.50	0.30	0.00
220.00	2.50	0.30	0.00	475.00	2.50	0.30	0.00
225.00	2.50	0.30	0.00	480.00	2.50	0.30	0.00
230.00	2.50	0.30	0.00	485.00	2.50	0.30	0.00
235.00	2.50	0.30	0.00	490.00	2.50	0.30	0.00
240.00	2.50	0.30	0.00	495.00	2.50	0.30	0.00
245.00	2.50	0.30	0.00	500.00	2.50	0.30	0.00
250.00	2.50	0.30	0.00				
255.00	2.50	0.30	0.00				

Summary for Subcatchment 2: Pre - West

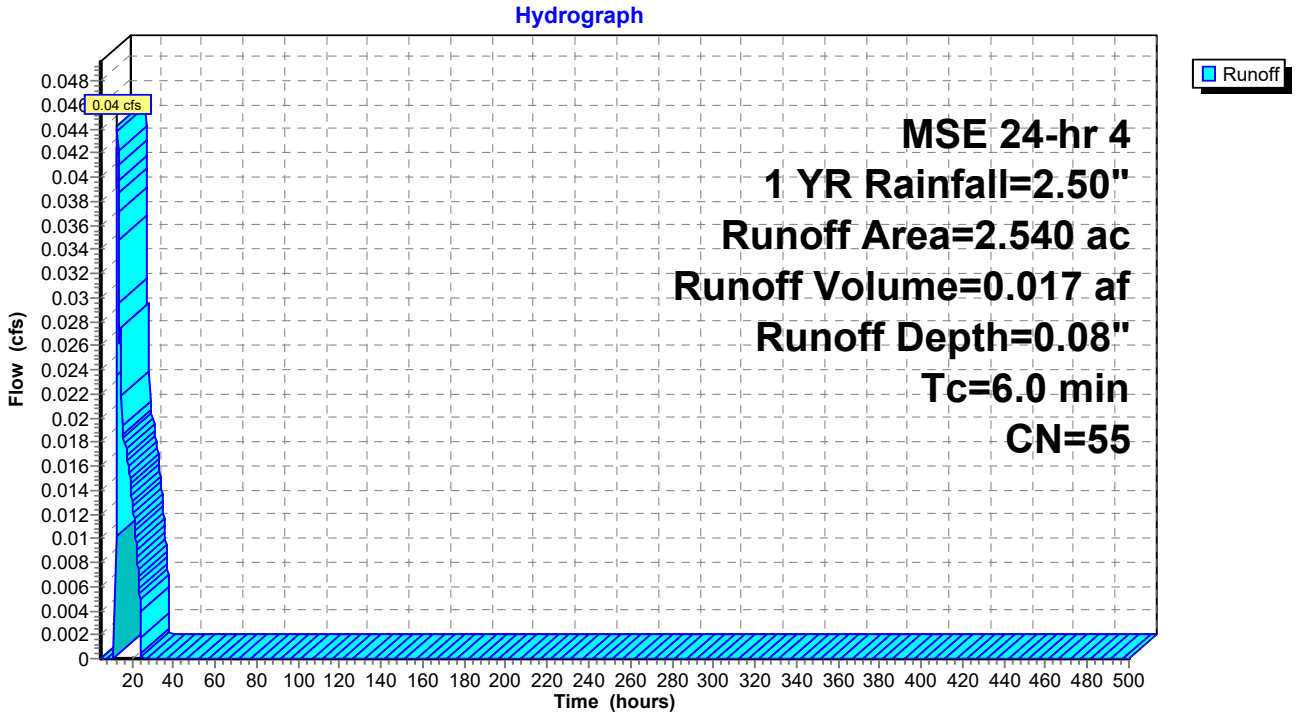
Runoff = 0.04 cfs @ 13.05 hrs, Volume= 0.017 af, Depth= 0.08"
Routed to Link 1L : Total Pre - Development

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 1 YR Rainfall=2.50"

	Area (ac)	CN	Description
*	2.540	55	Pre Dev - B Soils
	2.540		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 2: Pre - West



Hydrograph for Subcatchment 2: Pre - West

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.11	0.00	0.00	260.00	2.50	0.08	0.00
10.00	0.40	0.00	**0.00**	265.00	2.50	0.08	0.00
15.00	2.20	0.04	**0.03**	270.00	2.50	0.08	0.00
20.00	**2.42**	**0.07**	0.01	275.00	2.50	0.08	0.00
25.00	**2.50**	**0.08**	0.00	280.00	2.50	0.08	0.00
30.00	2.50	0.08	0.00	285.00	2.50	0.08	0.00
35.00	2.50	0.08	0.00	290.00	2.50	0.08	0.00
40.00	2.50	0.08	0.00	295.00	2.50	0.08	0.00
45.00	2.50	0.08	0.00	300.00	2.50	0.08	0.00
50.00	2.50	0.08	0.00	305.00	2.50	0.08	0.00
55.00	2.50	0.08	0.00	310.00	2.50	0.08	0.00
60.00	2.50	0.08	0.00	315.00	2.50	0.08	0.00
65.00	2.50	0.08	0.00	320.00	2.50	0.08	0.00
70.00	2.50	0.08	0.00	325.00	2.50	0.08	0.00
75.00	2.50	0.08	0.00	330.00	2.50	0.08	0.00
80.00	2.50	0.08	0.00	335.00	2.50	0.08	0.00
85.00	2.50	0.08	0.00	340.00	2.50	0.08	0.00
90.00	2.50	0.08	0.00	345.00	2.50	0.08	0.00
95.00	2.50	0.08	0.00	350.00	2.50	0.08	0.00
100.00	2.50	0.08	0.00	355.00	2.50	0.08	0.00
105.00	2.50	0.08	0.00	360.00	2.50	0.08	0.00
110.00	2.50	0.08	0.00	365.00	2.50	0.08	0.00
115.00	2.50	0.08	0.00	370.00	2.50	0.08	0.00
120.00	2.50	0.08	0.00	375.00	2.50	0.08	0.00
125.00	2.50	0.08	0.00	380.00	2.50	0.08	0.00
130.00	2.50	0.08	0.00	385.00	2.50	0.08	0.00
135.00	2.50	0.08	0.00	390.00	2.50	0.08	0.00
140.00	2.50	0.08	0.00	395.00	2.50	0.08	0.00
145.00	2.50	0.08	0.00	400.00	2.50	0.08	0.00
150.00	2.50	0.08	0.00	405.00	2.50	0.08	0.00
155.00	2.50	0.08	0.00	410.00	2.50	0.08	0.00
160.00	2.50	0.08	0.00	415.00	2.50	0.08	0.00
165.00	2.50	0.08	0.00	420.00	2.50	0.08	0.00
170.00	2.50	0.08	0.00	425.00	2.50	0.08	0.00
175.00	2.50	0.08	0.00	430.00	2.50	0.08	0.00
180.00	2.50	0.08	0.00	435.00	2.50	0.08	0.00
185.00	2.50	0.08	0.00	440.00	2.50	0.08	0.00
190.00	2.50	0.08	0.00	445.00	2.50	0.08	0.00
195.00	2.50	0.08	0.00	450.00	2.50	0.08	0.00
200.00	2.50	0.08	0.00	455.00	2.50	0.08	0.00
205.00	2.50	0.08	0.00	460.00	2.50	0.08	0.00
210.00	2.50	0.08	0.00	465.00	2.50	0.08	0.00
215.00	2.50	0.08	0.00	470.00	2.50	0.08	0.00
220.00	2.50	0.08	0.00	475.00	2.50	0.08	0.00
225.00	2.50	0.08	0.00	480.00	2.50	0.08	0.00
230.00	2.50	0.08	0.00	485.00	2.50	0.08	0.00
235.00	2.50	0.08	0.00	490.00	2.50	0.08	0.00
240.00	2.50	0.08	0.00	495.00	2.50	0.08	0.00
245.00	2.50	0.08	0.00	500.00	2.50	0.08	0.00
250.00	2.50	0.08	0.00				
255.00	2.50	0.08	0.00				

Summary for Subcatchment 2A: Post 2A - Offsite

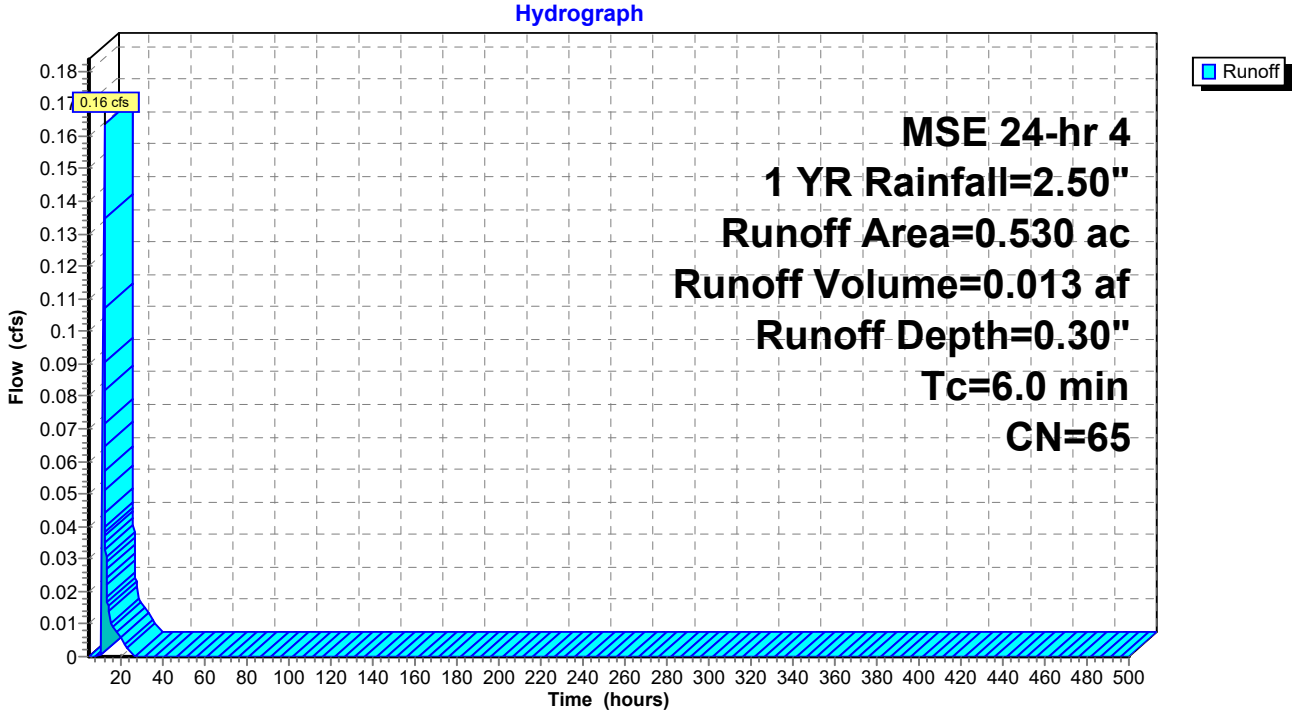
Runoff = 0.16 cfs @ 12.16 hrs, Volume= 0.013 af, Depth= 0.30"
Routed to Link 2L : Total Post - Development

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 1 YR Rainfall=2.50"

	Area (ac)	CN	Description
*	0.060	98	Impervious
*	0.470	61	Post - B Soils
*	0.000	74	Post - C Soils
	0.530	65	Weighted Average
	0.470		88.68% Pervious Area
	0.060		11.32% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 2A: Post 2A - Offsite



Hydrograph for Subcatchment 2A: Post 2A - Offsite

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.11	0.00	0.00
10.00	0.40	0.00	**0.00**
15.00	2.20	0.19	**0.01**
20.00	**2.42**	**0.27**	0.01
25.00	**2.50**	**0.30**	0.00
30.00	2.50	0.30	0.00
35.00	2.50	0.30	0.00
40.00	2.50	0.30	0.00
45.00	2.50	0.30	0.00
50.00	2.50	0.30	0.00
55.00	2.50	0.30	0.00
60.00	2.50	0.30	0.00
65.00	2.50	0.30	0.00
70.00	2.50	0.30	0.00
75.00	2.50	0.30	0.00
80.00	2.50	0.30	0.00
85.00	2.50	0.30	0.00
90.00	2.50	0.30	0.00
95.00	2.50	0.30	0.00
100.00	2.50	0.30	0.00
105.00	2.50	0.30	0.00
110.00	2.50	0.30	0.00
115.00	2.50	0.30	0.00
120.00	2.50	0.30	0.00
125.00	2.50	0.30	0.00
130.00	2.50	0.30	0.00
135.00	2.50	0.30	0.00
140.00	2.50	0.30	0.00
145.00	2.50	0.30	0.00
150.00	2.50	0.30	0.00
155.00	2.50	0.30	0.00
160.00	2.50	0.30	0.00
165.00	2.50	0.30	0.00
170.00	2.50	0.30	0.00
175.00	2.50	0.30	0.00
180.00	2.50	0.30	0.00
185.00	2.50	0.30	0.00
190.00	2.50	0.30	0.00
195.00	2.50	0.30	0.00
200.00	2.50	0.30	0.00
205.00	2.50	0.30	0.00
210.00	2.50	0.30	0.00
215.00	2.50	0.30	0.00
220.00	2.50	0.30	0.00
225.00	2.50	0.30	0.00
230.00	2.50	0.30	0.00
235.00	2.50	0.30	0.00
240.00	2.50	0.30	0.00
245.00	2.50	0.30	0.00
250.00	2.50	0.30	0.00
255.00	2.50	0.30	0.00
260.00	2.50	0.30	0.00
265.00	2.50	0.30	0.00
270.00	2.50	0.30	0.00
275.00	2.50	0.30	0.00
280.00	2.50	0.30	0.00
285.00	2.50	0.30	0.00
290.00	2.50	0.30	0.00
295.00	2.50	0.30	0.00
300.00	2.50	0.30	0.00
305.00	2.50	0.30	0.00
310.00	2.50	0.30	0.00
315.00	2.50	0.30	0.00
320.00	2.50	0.30	0.00
325.00	2.50	0.30	0.00
330.00	2.50	0.30	0.00
335.00	2.50	0.30	0.00
340.00	2.50	0.30	0.00
345.00	2.50	0.30	0.00
350.00	2.50	0.30	0.00
355.00	2.50	0.30	0.00
360.00	2.50	0.30	0.00
365.00	2.50	0.30	0.00
370.00	2.50	0.30	0.00
375.00	2.50	0.30	0.00
380.00	2.50	0.30	0.00
385.00	2.50	0.30	0.00
390.00	2.50	0.30	0.00
395.00	2.50	0.30	0.00
400.00	2.50	0.30	0.00
405.00	2.50	0.30	0.00
410.00	2.50	0.30	0.00
415.00	2.50	0.30	0.00
420.00	2.50	0.30	0.00
425.00	2.50	0.30	0.00
430.00	2.50	0.30	0.00
435.00	2.50	0.30	0.00
440.00	2.50	0.30	0.00
445.00	2.50	0.30	0.00
450.00	2.50	0.30	0.00
455.00	2.50	0.30	0.00
460.00	2.50	0.30	0.00
465.00	2.50	0.30	0.00
470.00	2.50	0.30	0.00
475.00	2.50	0.30	0.00
480.00	2.50	0.30	0.00
485.00	2.50	0.30	0.00
490.00	2.50	0.30	0.00
495.00	2.50	0.30	0.00
500.00	2.50	0.30	0.00

Summary for Subcatchment 3: Pre - North

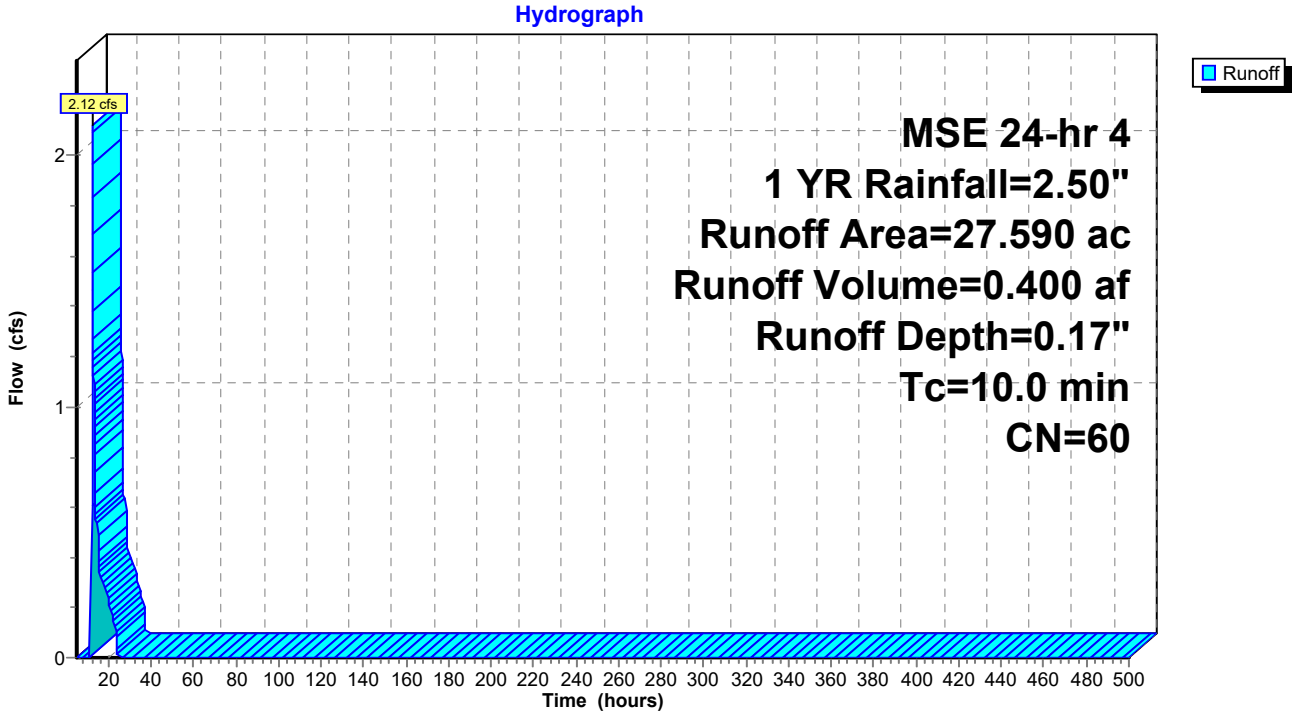
Runoff = 2.12 cfs @ 12.34 hrs, Volume= 0.400 af, Depth= 0.17"
Routed to Link 1L : Total Pre - Development

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 1 YR Rainfall=2.50"

	Area (ac)	CN	Description
*	18.190	55	Pre Dev - B Soils
*	9.400	70	Pre Dev - C Soils
	27.590	60	Weighted Average
	27.590		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					**Direct Entry,**

Subcatchment 3: Pre - North



Hydrograph for Subcatchment 3: Pre - North

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.11	0.00	0.00
10.00	0.40	0.00	**0.00**
15.00	2.20	0.10	**0.53**
20.00	**2.42**	**0.15**	0.23
25.00	**2.50**	**0.17**	0.00
30.00	2.50	0.17	0.00
35.00	2.50	0.17	0.00
40.00	2.50	0.17	0.00
45.00	2.50	0.17	0.00
50.00	2.50	0.17	0.00
55.00	2.50	0.17	0.00
60.00	2.50	0.17	0.00
65.00	2.50	0.17	0.00
70.00	2.50	0.17	0.00
75.00	2.50	0.17	0.00
80.00	2.50	0.17	0.00
85.00	2.50	0.17	0.00
90.00	2.50	0.17	0.00
95.00	2.50	0.17	0.00
100.00	2.50	0.17	0.00
105.00	2.50	0.17	0.00
110.00	2.50	0.17	0.00
115.00	2.50	0.17	0.00
120.00	2.50	0.17	0.00
125.00	2.50	0.17	0.00
130.00	2.50	0.17	0.00
135.00	2.50	0.17	0.00
140.00	2.50	0.17	0.00
145.00	2.50	0.17	0.00
150.00	2.50	0.17	0.00
155.00	2.50	0.17	0.00
160.00	2.50	0.17	0.00
165.00	2.50	0.17	0.00
170.00	2.50	0.17	0.00
175.00	2.50	0.17	0.00
180.00	2.50	0.17	0.00
185.00	2.50	0.17	0.00
190.00	2.50	0.17	0.00
195.00	2.50	0.17	0.00
200.00	2.50	0.17	0.00
205.00	2.50	0.17	0.00
210.00	2.50	0.17	0.00
215.00	2.50	0.17	0.00
220.00	2.50	0.17	0.00
225.00	2.50	0.17	0.00
230.00	2.50	0.17	0.00
235.00	2.50	0.17	0.00
240.00	2.50	0.17	0.00
245.00	2.50	0.17	0.00
250.00	2.50	0.17	0.00
255.00	2.50	0.17	0.00
260.00	2.50	0.17	0.00
265.00	2.50	0.17	0.00
270.00	2.50	0.17	0.00
275.00	2.50	0.17	0.00
280.00	2.50	0.17	0.00
285.00	2.50	0.17	0.00
290.00	2.50	0.17	0.00
295.00	2.50	0.17	0.00
300.00	2.50	0.17	0.00
305.00	2.50	0.17	0.00
310.00	2.50	0.17	0.00
315.00	2.50	0.17	0.00
320.00	2.50	0.17	0.00
325.00	2.50	0.17	0.00
330.00	2.50	0.17	0.00
335.00	2.50	0.17	0.00
340.00	2.50	0.17	0.00
345.00	2.50	0.17	0.00
350.00	2.50	0.17	0.00
355.00	2.50	0.17	0.00
360.00	2.50	0.17	0.00
365.00	2.50	0.17	0.00
370.00	2.50	0.17	0.00
375.00	2.50	0.17	0.00
380.00	2.50	0.17	0.00
385.00	2.50	0.17	0.00
390.00	2.50	0.17	0.00
395.00	2.50	0.17	0.00
400.00	2.50	0.17	0.00
405.00	2.50	0.17	0.00
410.00	2.50	0.17	0.00
415.00	2.50	0.17	0.00
420.00	2.50	0.17	0.00
425.00	2.50	0.17	0.00
430.00	2.50	0.17	0.00
435.00	2.50	0.17	0.00
440.00	2.50	0.17	0.00
445.00	2.50	0.17	0.00
450.00	2.50	0.17	0.00
455.00	2.50	0.17	0.00
460.00	2.50	0.17	0.00
465.00	2.50	0.17	0.00
470.00	2.50	0.17	0.00
475.00	2.50	0.17	0.00
480.00	2.50	0.17	0.00
485.00	2.50	0.17	0.00
490.00	2.50	0.17	0.00
495.00	2.50	0.17	0.00
500.00	2.50	0.17	0.00

Summary for Subcatchment 3A: Post 3A

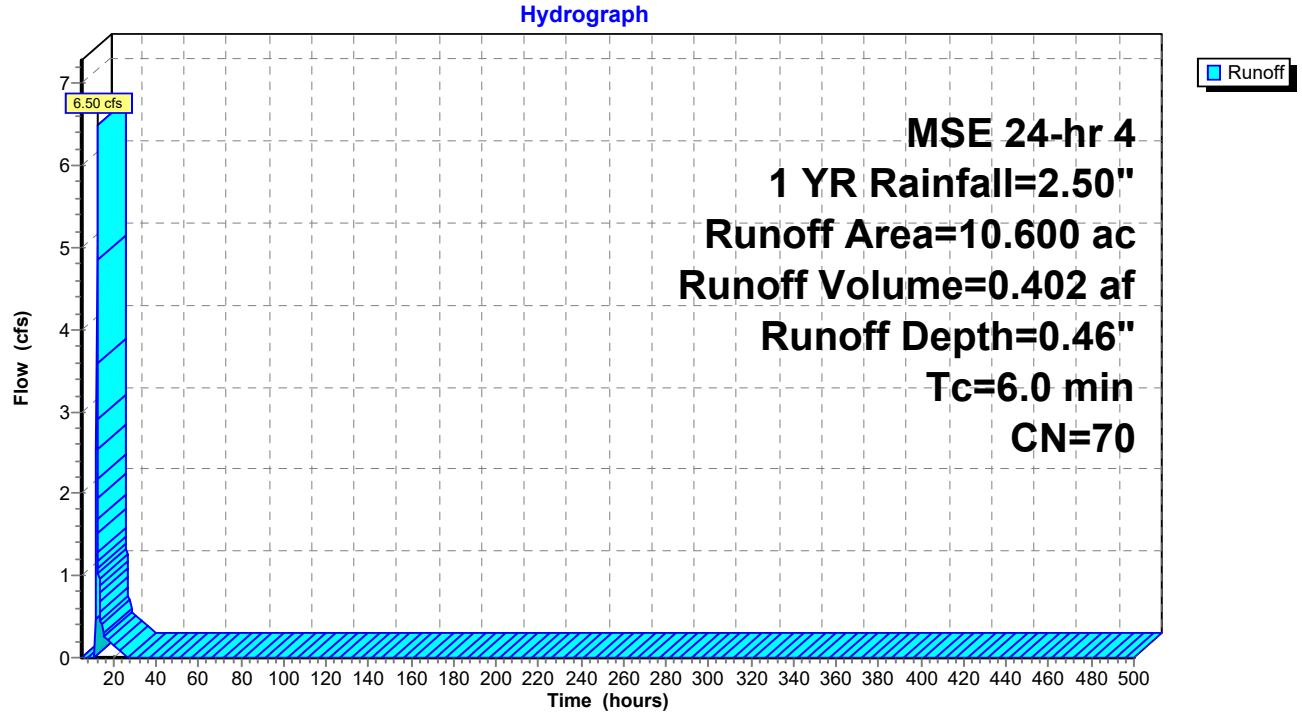
Runoff = 6.50 cfs @ 12.15 hrs, Volume= 0.402 af, Depth= 0.46"
Routed to Pond P3A : Pond 3A

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 1 YR Rainfall=2.50"

	Area (ac)	CN	Description
*	1.970	98	Impervious
*	6.570	61	Post - B Soils
*	2.060	74	Post - C Soils
	10.600	70	Weighted Average
	8.630		81.42% Pervious Area
	1.970		18.58% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3A: Post 3A



Hydrograph for Subcatchment 3A: Post 3A

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.11	0.00	0.00	260.00	2.50	0.46	0.00
10.00	0.40	0.00	**0.00**	265.00	2.50	0.46	0.00
15.00	2.20	0.32	**0.40**	270.00	2.50	0.46	0.00
20.00	**2.42**	**0.42**	0.16	275.00	2.50	0.46	0.00
25.00	**2.50**	**0.46**	0.00	280.00	2.50	0.46	0.00
30.00	2.50	0.46	0.00	285.00	2.50	0.46	0.00
35.00	2.50	0.46	0.00	290.00	2.50	0.46	0.00
40.00	2.50	0.46	0.00	295.00	2.50	0.46	0.00
45.00	2.50	0.46	0.00	300.00	2.50	0.46	0.00
50.00	2.50	0.46	0.00	305.00	2.50	0.46	0.00
55.00	2.50	0.46	0.00	310.00	2.50	0.46	0.00
60.00	2.50	0.46	0.00	315.00	2.50	0.46	0.00
65.00	2.50	0.46	0.00	320.00	2.50	0.46	0.00
70.00	2.50	0.46	0.00	325.00	2.50	0.46	0.00
75.00	2.50	0.46	0.00	330.00	2.50	0.46	0.00
80.00	2.50	0.46	0.00	335.00	2.50	0.46	0.00
85.00	2.50	0.46	0.00	340.00	2.50	0.46	0.00
90.00	2.50	0.46	0.00	345.00	2.50	0.46	0.00
95.00	2.50	0.46	0.00	350.00	2.50	0.46	0.00
100.00	2.50	0.46	0.00	355.00	2.50	0.46	0.00
105.00	2.50	0.46	0.00	360.00	2.50	0.46	0.00
110.00	2.50	0.46	0.00	365.00	2.50	0.46	0.00
115.00	2.50	0.46	0.00	370.00	2.50	0.46	0.00
120.00	2.50	0.46	0.00	375.00	2.50	0.46	0.00
125.00	2.50	0.46	0.00	380.00	2.50	0.46	0.00
130.00	2.50	0.46	0.00	385.00	2.50	0.46	0.00
135.00	2.50	0.46	0.00	390.00	2.50	0.46	0.00
140.00	2.50	0.46	0.00	395.00	2.50	0.46	0.00
145.00	2.50	0.46	0.00	400.00	2.50	0.46	0.00
150.00	2.50	0.46	0.00	405.00	2.50	0.46	0.00
155.00	2.50	0.46	0.00	410.00	2.50	0.46	0.00
160.00	2.50	0.46	0.00	415.00	2.50	0.46	0.00
165.00	2.50	0.46	0.00	420.00	2.50	0.46	0.00
170.00	2.50	0.46	0.00	425.00	2.50	0.46	0.00
175.00	2.50	0.46	0.00	430.00	2.50	0.46	0.00
180.00	2.50	0.46	0.00	435.00	2.50	0.46	0.00
185.00	2.50	0.46	0.00	440.00	2.50	0.46	0.00
190.00	2.50	0.46	0.00	445.00	2.50	0.46	0.00
195.00	2.50	0.46	0.00	450.00	2.50	0.46	0.00
200.00	2.50	0.46	0.00	455.00	2.50	0.46	0.00
205.00	2.50	0.46	0.00	460.00	2.50	0.46	0.00
210.00	2.50	0.46	0.00	465.00	2.50	0.46	0.00
215.00	2.50	0.46	0.00	470.00	2.50	0.46	0.00
220.00	2.50	0.46	0.00	475.00	2.50	0.46	0.00
225.00	2.50	0.46	0.00	480.00	2.50	0.46	0.00
230.00	2.50	0.46	0.00	485.00	2.50	0.46	0.00
235.00	2.50	0.46	0.00	490.00	2.50	0.46	0.00
240.00	2.50	0.46	0.00	495.00	2.50	0.46	0.00
245.00	2.50	0.46	0.00	500.00	2.50	0.46	0.00
250.00	2.50	0.46	0.00				
255.00	2.50	0.46	0.00				

Summary for Subcatchment 3B: Post 3B

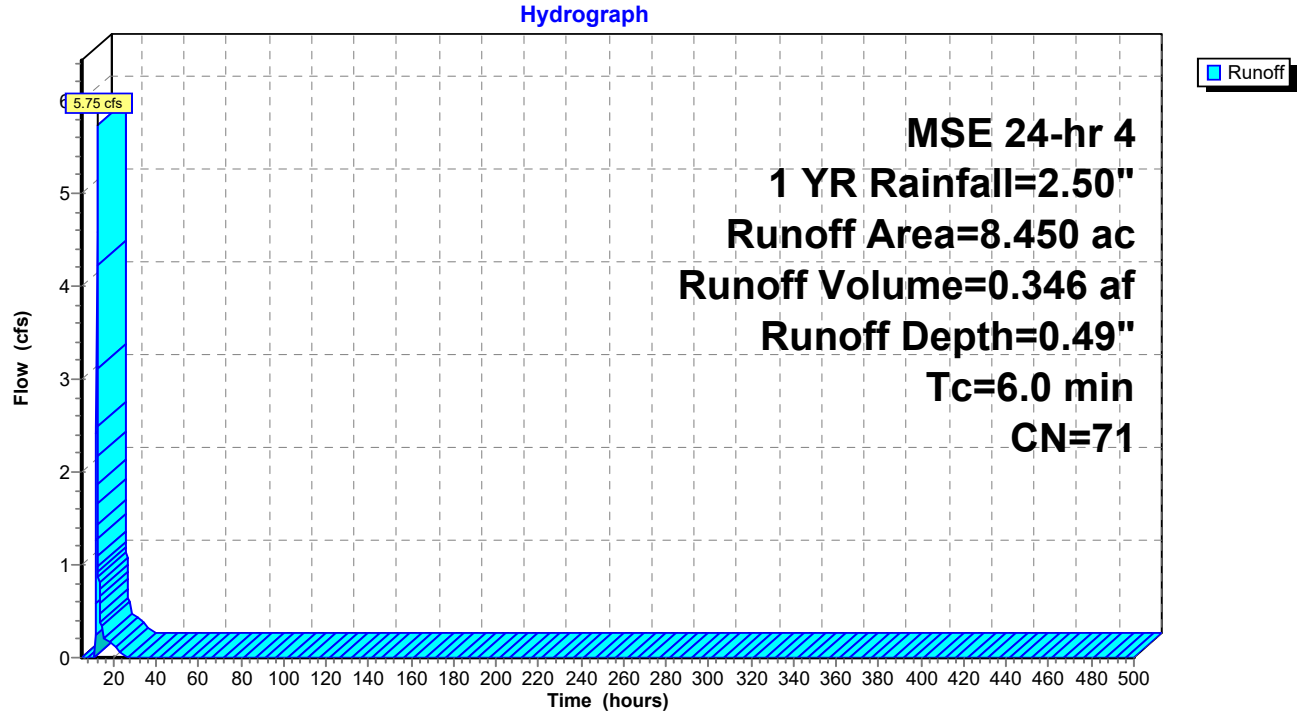
Runoff = 5.75 cfs @ 12.15 hrs, Volume= 0.346 af, Depth= 0.49"
Routed to Pond P3B : Pond 3B

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 1 YR Rainfall=2.50"

	Area (ac)	CN	Description
*	1.680	98	Impervious
*	5.290	61	Post - B Soils
*	1.480	74	Post - C Soils
	8.450	71	Weighted Average
	6.770		80.12% Pervious Area
	1.680		19.88% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3B: Post 3B



Hydrograph for Subcatchment 3B: Post 3B

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.11	0.00	0.00
10.00	0.40	0.00	**0.00**
15.00	2.20	0.35	**0.33**
20.00	**2.42**	**0.45**	0.13
25.00	**2.50**	**0.49**	0.00
30.00	2.50	0.49	0.00
35.00	2.50	0.49	0.00
40.00	2.50	0.49	0.00
45.00	2.50	0.49	0.00
50.00	2.50	0.49	0.00
55.00	2.50	0.49	0.00
60.00	2.50	0.49	0.00
65.00	2.50	0.49	0.00
70.00	2.50	0.49	0.00
75.00	2.50	0.49	0.00
80.00	2.50	0.49	0.00
85.00	2.50	0.49	0.00
90.00	2.50	0.49	0.00
95.00	2.50	0.49	0.00
100.00	2.50	0.49	0.00
105.00	2.50	0.49	0.00
110.00	2.50	0.49	0.00
115.00	2.50	0.49	0.00
120.00	2.50	0.49	0.00
125.00	2.50	0.49	0.00
130.00	2.50	0.49	0.00
135.00	2.50	0.49	0.00
140.00	2.50	0.49	0.00
145.00	2.50	0.49	0.00
150.00	2.50	0.49	0.00
155.00	2.50	0.49	0.00
160.00	2.50	0.49	0.00
165.00	2.50	0.49	0.00
170.00	2.50	0.49	0.00
175.00	2.50	0.49	0.00
180.00	2.50	0.49	0.00
185.00	2.50	0.49	0.00
190.00	2.50	0.49	0.00
195.00	2.50	0.49	0.00
200.00	2.50	0.49	0.00
205.00	2.50	0.49	0.00
210.00	2.50	0.49	0.00
215.00	2.50	0.49	0.00
220.00	2.50	0.49	0.00
225.00	2.50	0.49	0.00
230.00	2.50	0.49	0.00
235.00	2.50	0.49	0.00
240.00	2.50	0.49	0.00
245.00	2.50	0.49	0.00
250.00	2.50	0.49	0.00
255.00	2.50	0.49	0.00
260.00	2.50	0.49	0.00
265.00	2.50	0.49	0.00
270.00	2.50	0.49	0.00
275.00	2.50	0.49	0.00
280.00	2.50	0.49	0.00
285.00	2.50	0.49	0.00
290.00	2.50	0.49	0.00
295.00	2.50	0.49	0.00
300.00	2.50	0.49	0.00
305.00	2.50	0.49	0.00
310.00	2.50	0.49	0.00
315.00	2.50	0.49	0.00
320.00	2.50	0.49	0.00
325.00	2.50	0.49	0.00
330.00	2.50	0.49	0.00
335.00	2.50	0.49	0.00
340.00	2.50	0.49	0.00
345.00	2.50	0.49	0.00
350.00	2.50	0.49	0.00
355.00	2.50	0.49	0.00
360.00	2.50	0.49	0.00
365.00	2.50	0.49	0.00
370.00	2.50	0.49	0.00
375.00	2.50	0.49	0.00
380.00	2.50	0.49	0.00
385.00	2.50	0.49	0.00
390.00	2.50	0.49	0.00
395.00	2.50	0.49	0.00
400.00	2.50	0.49	0.00
405.00	2.50	0.49	0.00
410.00	2.50	0.49	0.00
415.00	2.50	0.49	0.00
420.00	2.50	0.49	0.00
425.00	2.50	0.49	0.00
430.00	2.50	0.49	0.00
435.00	2.50	0.49	0.00
440.00	2.50	0.49	0.00
445.00	2.50	0.49	0.00
450.00	2.50	0.49	0.00
455.00	2.50	0.49	0.00
460.00	2.50	0.49	0.00
465.00	2.50	0.49	0.00
470.00	2.50	0.49	0.00
475.00	2.50	0.49	0.00
480.00	2.50	0.49	0.00
485.00	2.50	0.49	0.00
490.00	2.50	0.49	0.00
495.00	2.50	0.49	0.00
500.00	2.50	0.49	0.00

Summary for Subcatchment 3C: Post 3C

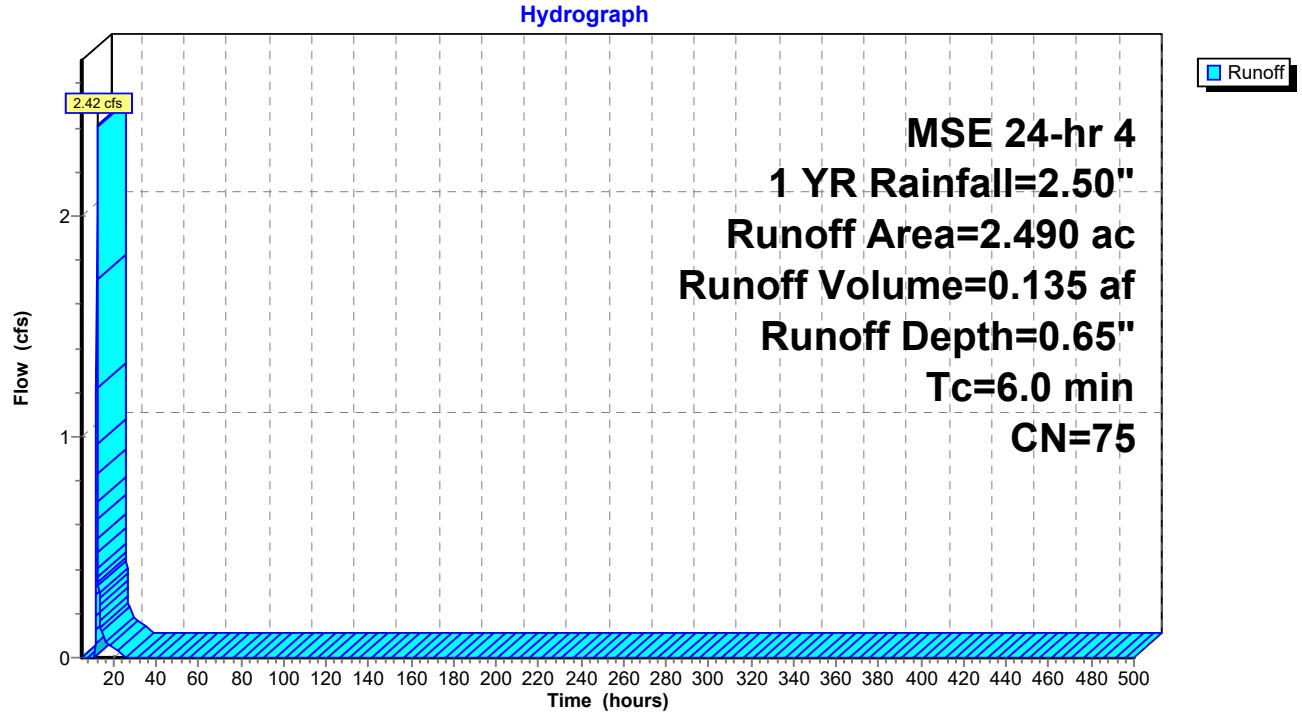
Runoff = 2.42 cfs @ 12.14 hrs, Volume= 0.135 af, Depth= 0.65"
Routed to Pond P3C : Pond 3C

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 1 YR Rainfall=2.50"

	Area (ac)	CN	Description
*	0.570	98	Impervious
*	0.800	61	Post - B Soils
*	1.120	74	Post - C Soils
	2.490	75	Weighted Average
	1.920		77.11% Pervious Area
	0.570		22.89% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3C: Post 3C



Hydrograph for Subcatchment 3C: Post 3C

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.11	0.00	0.00	260.00	2.50	0.65	0.00
10.00	0.40	0.00	**0.00**	265.00	2.50	0.65	0.00
15.00	2.20	0.48	**0.12**	270.00	2.50	0.65	0.00
20.00	**2.42**	**0.60**	0.05	275.00	2.50	0.65	0.00
25.00	**2.50**	**0.65**	0.00	280.00	2.50	0.65	0.00
30.00	2.50	0.65	0.00	285.00	2.50	0.65	0.00
35.00	2.50	0.65	0.00	290.00	2.50	0.65	0.00
40.00	2.50	0.65	0.00	295.00	2.50	0.65	0.00
45.00	2.50	0.65	0.00	300.00	2.50	0.65	0.00
50.00	2.50	0.65	0.00	305.00	2.50	0.65	0.00
55.00	2.50	0.65	0.00	310.00	2.50	0.65	0.00
60.00	2.50	0.65	0.00	315.00	2.50	0.65	0.00
65.00	2.50	0.65	0.00	320.00	2.50	0.65	0.00
70.00	2.50	0.65	0.00	325.00	2.50	0.65	0.00
75.00	2.50	0.65	0.00	330.00	2.50	0.65	0.00
80.00	2.50	0.65	0.00	335.00	2.50	0.65	0.00
85.00	2.50	0.65	0.00	340.00	2.50	0.65	0.00
90.00	2.50	0.65	0.00	345.00	2.50	0.65	0.00
95.00	2.50	0.65	0.00	350.00	2.50	0.65	0.00
100.00	2.50	0.65	0.00	355.00	2.50	0.65	0.00
105.00	2.50	0.65	0.00	360.00	2.50	0.65	0.00
110.00	2.50	0.65	0.00	365.00	2.50	0.65	0.00
115.00	2.50	0.65	0.00	370.00	2.50	0.65	0.00
120.00	2.50	0.65	0.00	375.00	2.50	0.65	0.00
125.00	2.50	0.65	0.00	380.00	2.50	0.65	0.00
130.00	2.50	0.65	0.00	385.00	2.50	0.65	0.00
135.00	2.50	0.65	0.00	390.00	2.50	0.65	0.00
140.00	2.50	0.65	0.00	395.00	2.50	0.65	0.00
145.00	2.50	0.65	0.00	400.00	2.50	0.65	0.00
150.00	2.50	0.65	0.00	405.00	2.50	0.65	0.00
155.00	2.50	0.65	0.00	410.00	2.50	0.65	0.00
160.00	2.50	0.65	0.00	415.00	2.50	0.65	0.00
165.00	2.50	0.65	0.00	420.00	2.50	0.65	0.00
170.00	2.50	0.65	0.00	425.00	2.50	0.65	0.00
175.00	2.50	0.65	0.00	430.00	2.50	0.65	0.00
180.00	2.50	0.65	0.00	435.00	2.50	0.65	0.00
185.00	2.50	0.65	0.00	440.00	2.50	0.65	0.00
190.00	2.50	0.65	0.00	445.00	2.50	0.65	0.00
195.00	2.50	0.65	0.00	450.00	2.50	0.65	0.00
200.00	2.50	0.65	0.00	455.00	2.50	0.65	0.00
205.00	2.50	0.65	0.00	460.00	2.50	0.65	0.00
210.00	2.50	0.65	0.00	465.00	2.50	0.65	0.00
215.00	2.50	0.65	0.00	470.00	2.50	0.65	0.00
220.00	2.50	0.65	0.00	475.00	2.50	0.65	0.00
225.00	2.50	0.65	0.00	480.00	2.50	0.65	0.00
230.00	2.50	0.65	0.00	485.00	2.50	0.65	0.00
235.00	2.50	0.65	0.00	490.00	2.50	0.65	0.00
240.00	2.50	0.65	0.00	495.00	2.50	0.65	0.00
245.00	2.50	0.65	0.00	500.00	2.50	0.65	0.00
250.00	2.50	0.65	0.00				
255.00	2.50	0.65	0.00				

Summary for Subcatchment 3D: Post 3D

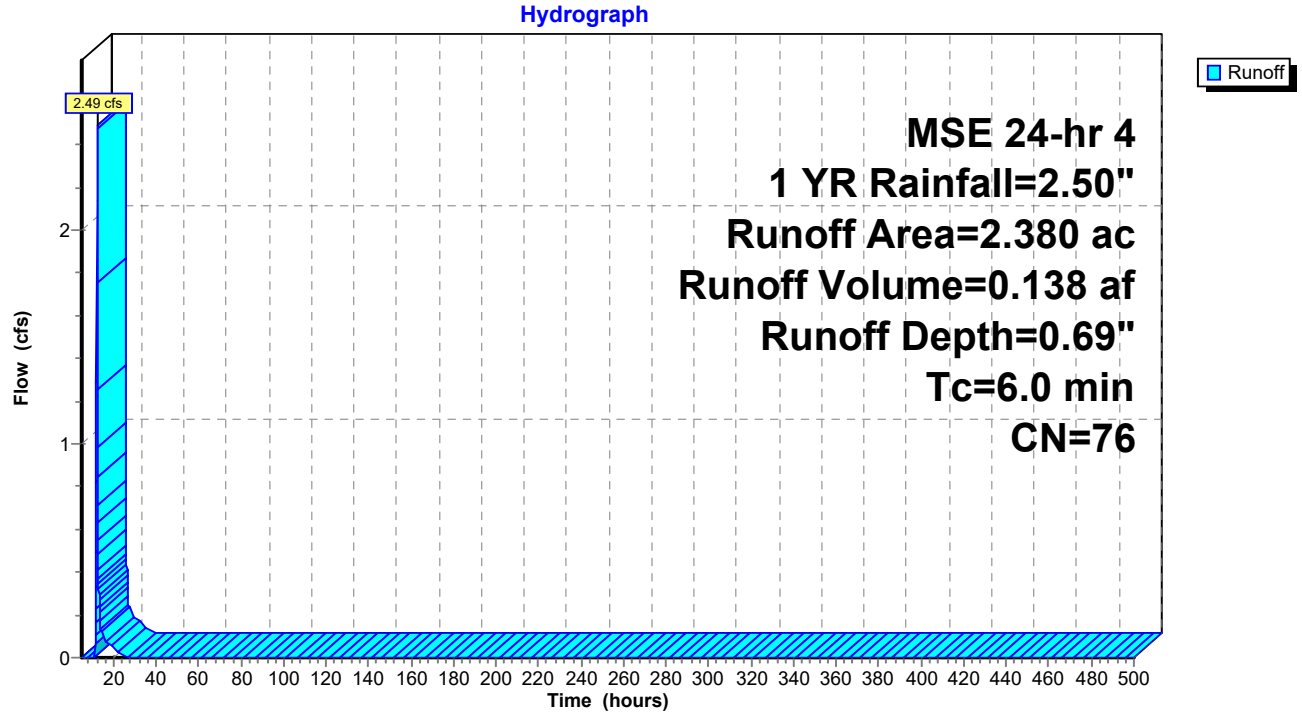
Runoff = 2.49 cfs @ 12.14 hrs, Volume= 0.138 af, Depth= 0.69"
Routed to Pond P3D : Pond 3D

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 1 YR Rainfall=2.50"

	Area (ac)	CN	Description
*	0.570	98	Impervious
*	0.610	61	Post - B Soils
*	1.200	74	Post - C Soils
	2.380	76	Weighted Average
	1.810		76.05% Pervious Area
	0.570		23.95% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3D: Post 3D



Hydrograph for Subcatchment 3D: Post 3D

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.11	0.00	0.00	260.00	2.50	0.69	0.00
10.00	0.40	0.00	**0.00**	265.00	2.50	0.69	0.00
15.00	2.20	0.52	**0.12**	270.00	2.50	0.69	0.00
20.00	**2.42**	**0.65**	0.04	275.00	2.50	0.69	0.00
25.00	**2.50**	**0.69**	0.00	280.00	2.50	0.69	0.00
30.00	2.50	0.69	0.00	285.00	2.50	0.69	0.00
35.00	2.50	0.69	0.00	290.00	2.50	0.69	0.00
40.00	2.50	0.69	0.00	295.00	2.50	0.69	0.00
45.00	2.50	0.69	0.00	300.00	2.50	0.69	0.00
50.00	2.50	0.69	0.00	305.00	2.50	0.69	0.00
55.00	2.50	0.69	0.00	310.00	2.50	0.69	0.00
60.00	2.50	0.69	0.00	315.00	2.50	0.69	0.00
65.00	2.50	0.69	0.00	320.00	2.50	0.69	0.00
70.00	2.50	0.69	0.00	325.00	2.50	0.69	0.00
75.00	2.50	0.69	0.00	330.00	2.50	0.69	0.00
80.00	2.50	0.69	0.00	335.00	2.50	0.69	0.00
85.00	2.50	0.69	0.00	340.00	2.50	0.69	0.00
90.00	2.50	0.69	0.00	345.00	2.50	0.69	0.00
95.00	2.50	0.69	0.00	350.00	2.50	0.69	0.00
100.00	2.50	0.69	0.00	355.00	2.50	0.69	0.00
105.00	2.50	0.69	0.00	360.00	2.50	0.69	0.00
110.00	2.50	0.69	0.00	365.00	2.50	0.69	0.00
115.00	2.50	0.69	0.00	370.00	2.50	0.69	0.00
120.00	2.50	0.69	0.00	375.00	2.50	0.69	0.00
125.00	2.50	0.69	0.00	380.00	2.50	0.69	0.00
130.00	2.50	0.69	0.00	385.00	2.50	0.69	0.00
135.00	2.50	0.69	0.00	390.00	2.50	0.69	0.00
140.00	2.50	0.69	0.00	395.00	2.50	0.69	0.00
145.00	2.50	0.69	0.00	400.00	2.50	0.69	0.00
150.00	2.50	0.69	0.00	405.00	2.50	0.69	0.00
155.00	2.50	0.69	0.00	410.00	2.50	0.69	0.00
160.00	2.50	0.69	0.00	415.00	2.50	0.69	0.00
165.00	2.50	0.69	0.00	420.00	2.50	0.69	0.00
170.00	2.50	0.69	0.00	425.00	2.50	0.69	0.00
175.00	2.50	0.69	0.00	430.00	2.50	0.69	0.00
180.00	2.50	0.69	0.00	435.00	2.50	0.69	0.00
185.00	2.50	0.69	0.00	440.00	2.50	0.69	0.00
190.00	2.50	0.69	0.00	445.00	2.50	0.69	0.00
195.00	2.50	0.69	0.00	450.00	2.50	0.69	0.00
200.00	2.50	0.69	0.00	455.00	2.50	0.69	0.00
205.00	2.50	0.69	0.00	460.00	2.50	0.69	0.00
210.00	2.50	0.69	0.00	465.00	2.50	0.69	0.00
215.00	2.50	0.69	0.00	470.00	2.50	0.69	0.00
220.00	2.50	0.69	0.00	475.00	2.50	0.69	0.00
225.00	2.50	0.69	0.00	480.00	2.50	0.69	0.00
230.00	2.50	0.69	0.00	485.00	2.50	0.69	0.00
235.00	2.50	0.69	0.00	490.00	2.50	0.69	0.00
240.00	2.50	0.69	0.00	495.00	2.50	0.69	0.00
245.00	2.50	0.69	0.00	500.00	2.50	0.69	0.00
250.00	2.50	0.69	0.00				
255.00	2.50	0.69	0.00				

Summary for Subcatchment 3E: Post 3E

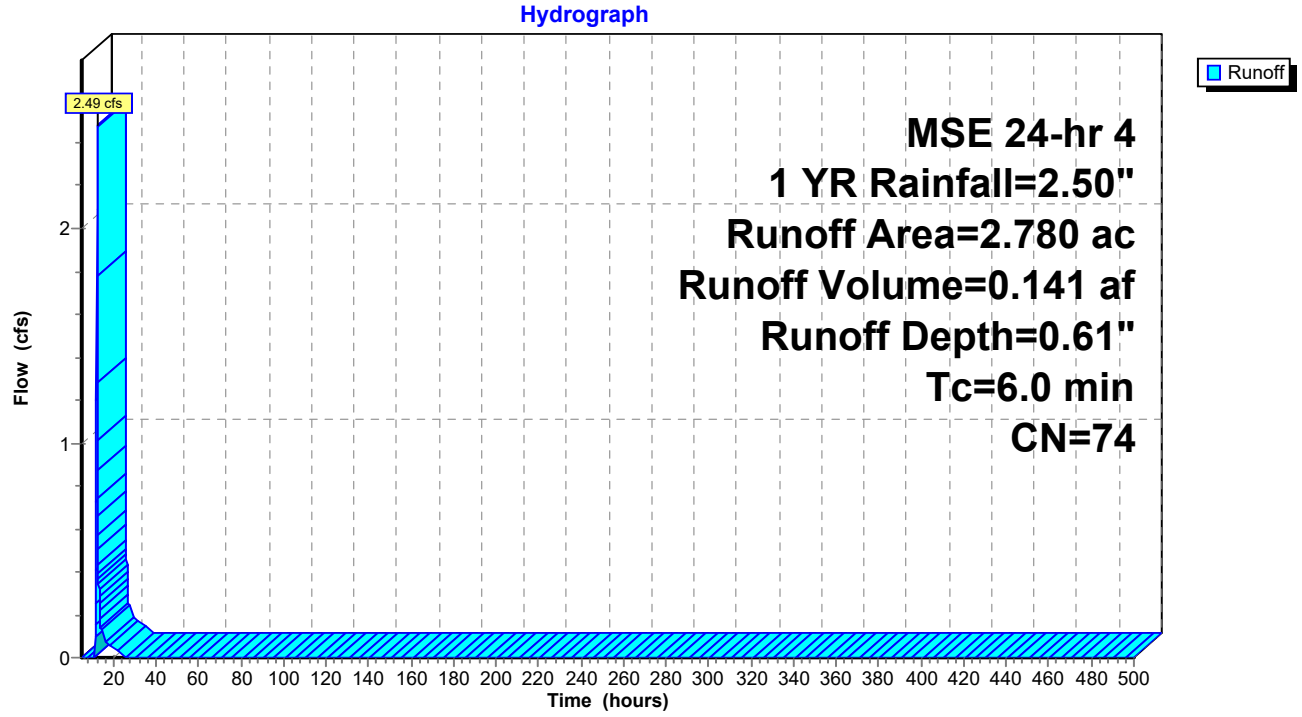
Runoff = 2.49 cfs @ 12.14 hrs, Volume= 0.141 af, Depth= 0.61"
Routed to Pond P3E : Pond 3E

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 1 YR Rainfall=2.50"

	Area (ac)	CN	Description
*	0.530	98	Impervious
*	0.920	61	Post - B Soils
*	1.330	74	Post - C Soils
	2.780	74	Weighted Average
	2.250		80.94% Pervious Area
	0.530		19.06% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3E: Post 3E



Hydrograph for Subcatchment 3E: Post 3E

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.11	0.00	0.00	260.00	2.50	0.61	0.00
10.00	0.40	0.00	**0.00**	265.00	2.50	0.61	0.00
15.00	2.20	0.45	**0.13**	270.00	2.50	0.61	0.00
20.00	**2.42**	**0.56**	0.05	275.00	2.50	0.61	0.00
25.00	**2.50**	**0.61**	0.00	280.00	2.50	0.61	0.00
30.00	2.50	0.61	0.00	285.00	2.50	0.61	0.00
35.00	2.50	0.61	0.00	290.00	2.50	0.61	0.00
40.00	2.50	0.61	0.00	295.00	2.50	0.61	0.00
45.00	2.50	0.61	0.00	300.00	2.50	0.61	0.00
50.00	2.50	0.61	0.00	305.00	2.50	0.61	0.00
55.00	2.50	0.61	0.00	310.00	2.50	0.61	0.00
60.00	2.50	0.61	0.00	315.00	2.50	0.61	0.00
65.00	2.50	0.61	0.00	320.00	2.50	0.61	0.00
70.00	2.50	0.61	0.00	325.00	2.50	0.61	0.00
75.00	2.50	0.61	0.00	330.00	2.50	0.61	0.00
80.00	2.50	0.61	0.00	335.00	2.50	0.61	0.00
85.00	2.50	0.61	0.00	340.00	2.50	0.61	0.00
90.00	2.50	0.61	0.00	345.00	2.50	0.61	0.00
95.00	2.50	0.61	0.00	350.00	2.50	0.61	0.00
100.00	2.50	0.61	0.00	355.00	2.50	0.61	0.00
105.00	2.50	0.61	0.00	360.00	2.50	0.61	0.00
110.00	2.50	0.61	0.00	365.00	2.50	0.61	0.00
115.00	2.50	0.61	0.00	370.00	2.50	0.61	0.00
120.00	2.50	0.61	0.00	375.00	2.50	0.61	0.00
125.00	2.50	0.61	0.00	380.00	2.50	0.61	0.00
130.00	2.50	0.61	0.00	385.00	2.50	0.61	0.00
135.00	2.50	0.61	0.00	390.00	2.50	0.61	0.00
140.00	2.50	0.61	0.00	395.00	2.50	0.61	0.00
145.00	2.50	0.61	0.00	400.00	2.50	0.61	0.00
150.00	2.50	0.61	0.00	405.00	2.50	0.61	0.00
155.00	2.50	0.61	0.00	410.00	2.50	0.61	0.00
160.00	2.50	0.61	0.00	415.00	2.50	0.61	0.00
165.00	2.50	0.61	0.00	420.00	2.50	0.61	0.00
170.00	2.50	0.61	0.00	425.00	2.50	0.61	0.00
175.00	2.50	0.61	0.00	430.00	2.50	0.61	0.00
180.00	2.50	0.61	0.00	435.00	2.50	0.61	0.00
185.00	2.50	0.61	0.00	440.00	2.50	0.61	0.00
190.00	2.50	0.61	0.00	445.00	2.50	0.61	0.00
195.00	2.50	0.61	0.00	450.00	2.50	0.61	0.00
200.00	2.50	0.61	0.00	455.00	2.50	0.61	0.00
205.00	2.50	0.61	0.00	460.00	2.50	0.61	0.00
210.00	2.50	0.61	0.00	465.00	2.50	0.61	0.00
215.00	2.50	0.61	0.00	470.00	2.50	0.61	0.00
220.00	2.50	0.61	0.00	475.00	2.50	0.61	0.00
225.00	2.50	0.61	0.00	480.00	2.50	0.61	0.00
230.00	2.50	0.61	0.00	485.00	2.50	0.61	0.00
235.00	2.50	0.61	0.00	490.00	2.50	0.61	0.00
240.00	2.50	0.61	0.00	495.00	2.50	0.61	0.00
245.00	2.50	0.61	0.00	500.00	2.50	0.61	0.00
250.00	2.50	0.61	0.00				
255.00	2.50	0.61	0.00				

Summary for Subcatchment 3Y: Post 3Y - Offsite

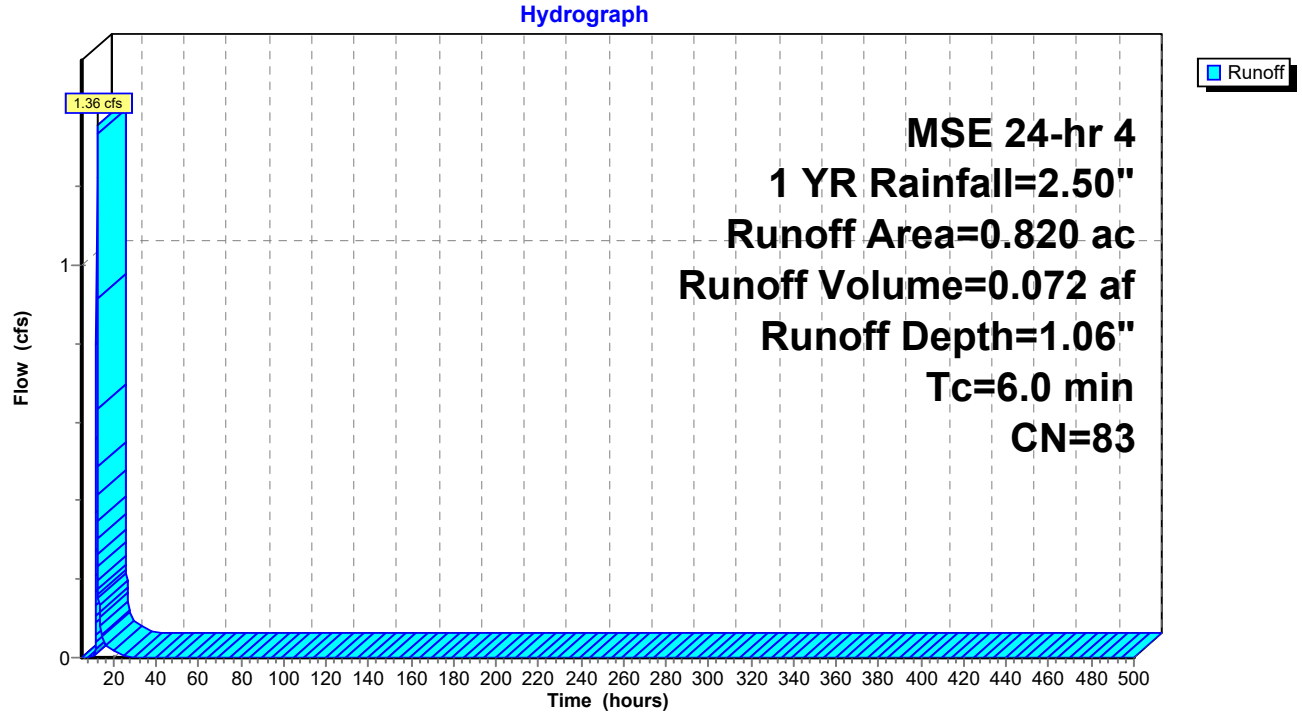
Runoff = 1.36 cfs @ 12.14 hrs, Volume= 0.072 af, Depth= 1.06"
Routed to Link 4L : Post - North

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 1 YR Rainfall=2.50"

	Area (ac)	CN	Description
*	0.300	98	Impervious
*	0.000	61	Post - B Soils
*	0.520	74	Post - C Soils
	0.820	83	Weighted Average
	0.520		63.41% Pervious Area
	0.300		36.59% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3Y: Post 3Y - Offsite



Hydrograph for Subcatchment 3Y: Post 3Y - Offsite

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.11	0.00	0.00	260.00	2.50	1.06	0.00
10.00	0.40	0.00	**0.00**	265.00	2.50	1.06	0.00
15.00	2.20	0.83	**0.05**	270.00	2.50	1.06	0.00
20.00	**2.42**	**0.99**	0.02	275.00	2.50	1.06	0.00
25.00	**2.50**	**1.06**	0.00	280.00	2.50	1.06	0.00
30.00	2.50	1.06	0.00	285.00	2.50	1.06	0.00
35.00	2.50	1.06	0.00	290.00	2.50	1.06	0.00
40.00	2.50	1.06	0.00	295.00	2.50	1.06	0.00
45.00	2.50	1.06	0.00	300.00	2.50	1.06	0.00
50.00	2.50	1.06	0.00	305.00	2.50	1.06	0.00
55.00	2.50	1.06	0.00	310.00	2.50	1.06	0.00
60.00	2.50	1.06	0.00	315.00	2.50	1.06	0.00
65.00	2.50	1.06	0.00	320.00	2.50	1.06	0.00
70.00	2.50	1.06	0.00	325.00	2.50	1.06	0.00
75.00	2.50	1.06	0.00	330.00	2.50	1.06	0.00
80.00	2.50	1.06	0.00	335.00	2.50	1.06	0.00
85.00	2.50	1.06	0.00	340.00	2.50	1.06	0.00
90.00	2.50	1.06	0.00	345.00	2.50	1.06	0.00
95.00	2.50	1.06	0.00	350.00	2.50	1.06	0.00
100.00	2.50	1.06	0.00	355.00	2.50	1.06	0.00
105.00	2.50	1.06	0.00	360.00	2.50	1.06	0.00
110.00	2.50	1.06	0.00	365.00	2.50	1.06	0.00
115.00	2.50	1.06	0.00	370.00	2.50	1.06	0.00
120.00	2.50	1.06	0.00	375.00	2.50	1.06	0.00
125.00	2.50	1.06	0.00	380.00	2.50	1.06	0.00
130.00	2.50	1.06	0.00	385.00	2.50	1.06	0.00
135.00	2.50	1.06	0.00	390.00	2.50	1.06	0.00
140.00	2.50	1.06	0.00	395.00	2.50	1.06	0.00
145.00	2.50	1.06	0.00	400.00	2.50	1.06	0.00
150.00	2.50	1.06	0.00	405.00	2.50	1.06	0.00
155.00	2.50	1.06	0.00	410.00	2.50	1.06	0.00
160.00	2.50	1.06	0.00	415.00	2.50	1.06	0.00
165.00	2.50	1.06	0.00	420.00	2.50	1.06	0.00
170.00	2.50	1.06	0.00	425.00	2.50	1.06	0.00
175.00	2.50	1.06	0.00	430.00	2.50	1.06	0.00
180.00	2.50	1.06	0.00	435.00	2.50	1.06	0.00
185.00	2.50	1.06	0.00	440.00	2.50	1.06	0.00
190.00	2.50	1.06	0.00	445.00	2.50	1.06	0.00
195.00	2.50	1.06	0.00	450.00	2.50	1.06	0.00
200.00	2.50	1.06	0.00	455.00	2.50	1.06	0.00
205.00	2.50	1.06	0.00	460.00	2.50	1.06	0.00
210.00	2.50	1.06	0.00	465.00	2.50	1.06	0.00
215.00	2.50	1.06	0.00	470.00	2.50	1.06	0.00
220.00	2.50	1.06	0.00	475.00	2.50	1.06	0.00
225.00	2.50	1.06	0.00	480.00	2.50	1.06	0.00
230.00	2.50	1.06	0.00	485.00	2.50	1.06	0.00
235.00	2.50	1.06	0.00	490.00	2.50	1.06	0.00
240.00	2.50	1.06	0.00	495.00	2.50	1.06	0.00
245.00	2.50	1.06	0.00	500.00	2.50	1.06	0.00
250.00	2.50	1.06	0.00				
255.00	2.50	1.06	0.00				

Summary for Subcatchment 3Z: Post 3Z - Offsite

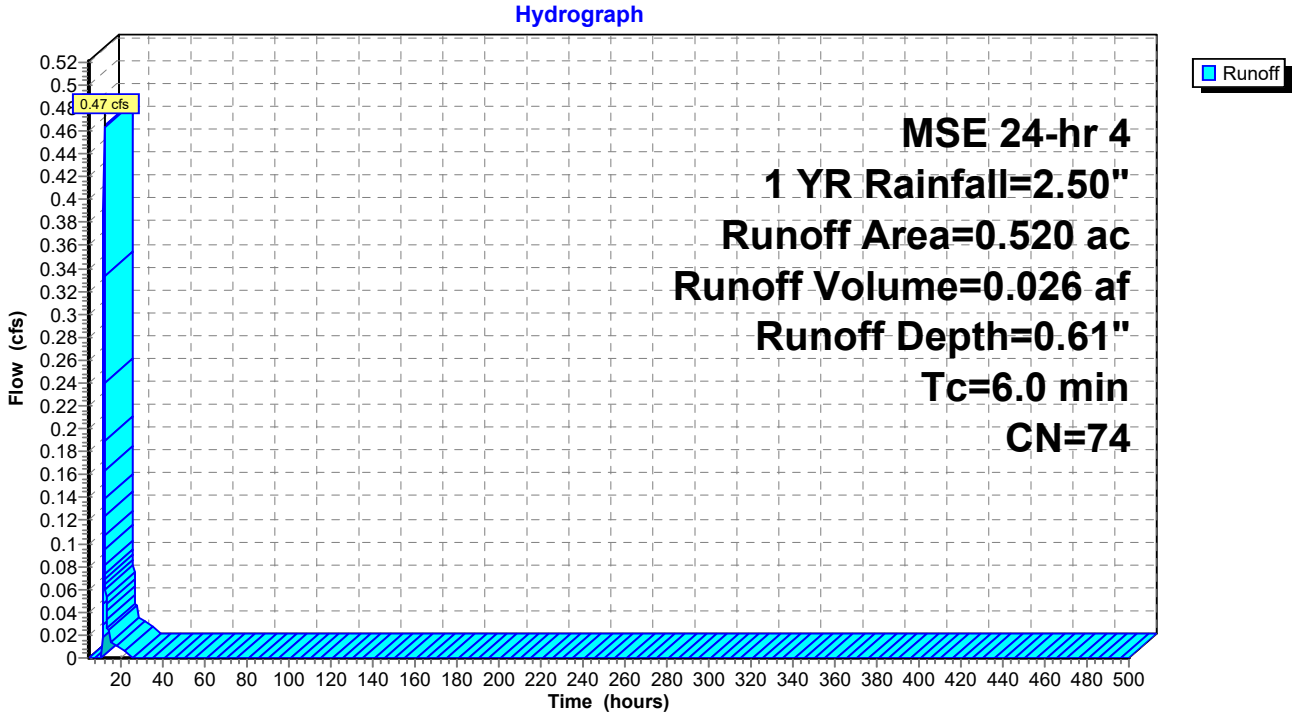
Runoff = 0.47 cfs @ 12.14 hrs, Volume= 0.026 af, Depth= 0.61"
Routed to Link 4L : Post - North

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 1 YR Rainfall=2.50"

	Area (ac)	CN	Description
*	0.000	98	Impervious
*	0.000	61	Post - B Soils
*	0.520	74	Post - C Soils
	0.520	74	Weighted Average
	0.520		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3Z: Post 3Z - Offsite



Hydrograph for Subcatchment 3Z: Post 3Z - Offsite

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.11	0.00	0.00	260.00	2.50	0.61	0.00
10.00	0.40	0.00	**0.00**	265.00	2.50	0.61	0.00
15.00	2.20	0.45	**0.02**	270.00	2.50	0.61	0.00
20.00	**2.42**	**0.56**	0.01	275.00	2.50	0.61	0.00
25.00	**2.50**	**0.61**	0.00	280.00	2.50	0.61	0.00
30.00	2.50	0.61	0.00	285.00	2.50	0.61	0.00
35.00	2.50	0.61	0.00	290.00	2.50	0.61	0.00
40.00	2.50	0.61	0.00	295.00	2.50	0.61	0.00
45.00	2.50	0.61	0.00	300.00	2.50	0.61	0.00
50.00	2.50	0.61	0.00	305.00	2.50	0.61	0.00
55.00	2.50	0.61	0.00	310.00	2.50	0.61	0.00
60.00	2.50	0.61	0.00	315.00	2.50	0.61	0.00
65.00	2.50	0.61	0.00	320.00	2.50	0.61	0.00
70.00	2.50	0.61	0.00	325.00	2.50	0.61	0.00
75.00	2.50	0.61	0.00	330.00	2.50	0.61	0.00
80.00	2.50	0.61	0.00	335.00	2.50	0.61	0.00
85.00	2.50	0.61	0.00	340.00	2.50	0.61	0.00
90.00	2.50	0.61	0.00	345.00	2.50	0.61	0.00
95.00	2.50	0.61	0.00	350.00	2.50	0.61	0.00
100.00	2.50	0.61	0.00	355.00	2.50	0.61	0.00
105.00	2.50	0.61	0.00	360.00	2.50	0.61	0.00
110.00	2.50	0.61	0.00	365.00	2.50	0.61	0.00
115.00	2.50	0.61	0.00	370.00	2.50	0.61	0.00
120.00	2.50	0.61	0.00	375.00	2.50	0.61	0.00
125.00	2.50	0.61	0.00	380.00	2.50	0.61	0.00
130.00	2.50	0.61	0.00	385.00	2.50	0.61	0.00
135.00	2.50	0.61	0.00	390.00	2.50	0.61	0.00
140.00	2.50	0.61	0.00	395.00	2.50	0.61	0.00
145.00	2.50	0.61	0.00	400.00	2.50	0.61	0.00
150.00	2.50	0.61	0.00	405.00	2.50	0.61	0.00
155.00	2.50	0.61	0.00	410.00	2.50	0.61	0.00
160.00	2.50	0.61	0.00	415.00	2.50	0.61	0.00
165.00	2.50	0.61	0.00	420.00	2.50	0.61	0.00
170.00	2.50	0.61	0.00	425.00	2.50	0.61	0.00
175.00	2.50	0.61	0.00	430.00	2.50	0.61	0.00
180.00	2.50	0.61	0.00	435.00	2.50	0.61	0.00
185.00	2.50	0.61	0.00	440.00	2.50	0.61	0.00
190.00	2.50	0.61	0.00	445.00	2.50	0.61	0.00
195.00	2.50	0.61	0.00	450.00	2.50	0.61	0.00
200.00	2.50	0.61	0.00	455.00	2.50	0.61	0.00
205.00	2.50	0.61	0.00	460.00	2.50	0.61	0.00
210.00	2.50	0.61	0.00	465.00	2.50	0.61	0.00
215.00	2.50	0.61	0.00	470.00	2.50	0.61	0.00
220.00	2.50	0.61	0.00	475.00	2.50	0.61	0.00
225.00	2.50	0.61	0.00	480.00	2.50	0.61	0.00
230.00	2.50	0.61	0.00	485.00	2.50	0.61	0.00
235.00	2.50	0.61	0.00	490.00	2.50	0.61	0.00
240.00	2.50	0.61	0.00	495.00	2.50	0.61	0.00
245.00	2.50	0.61	0.00	500.00	2.50	0.61	0.00
250.00	2.50	0.61	0.00				
255.00	2.50	0.61	0.00				

Summary for Subcatchment 5S: Culvert 1

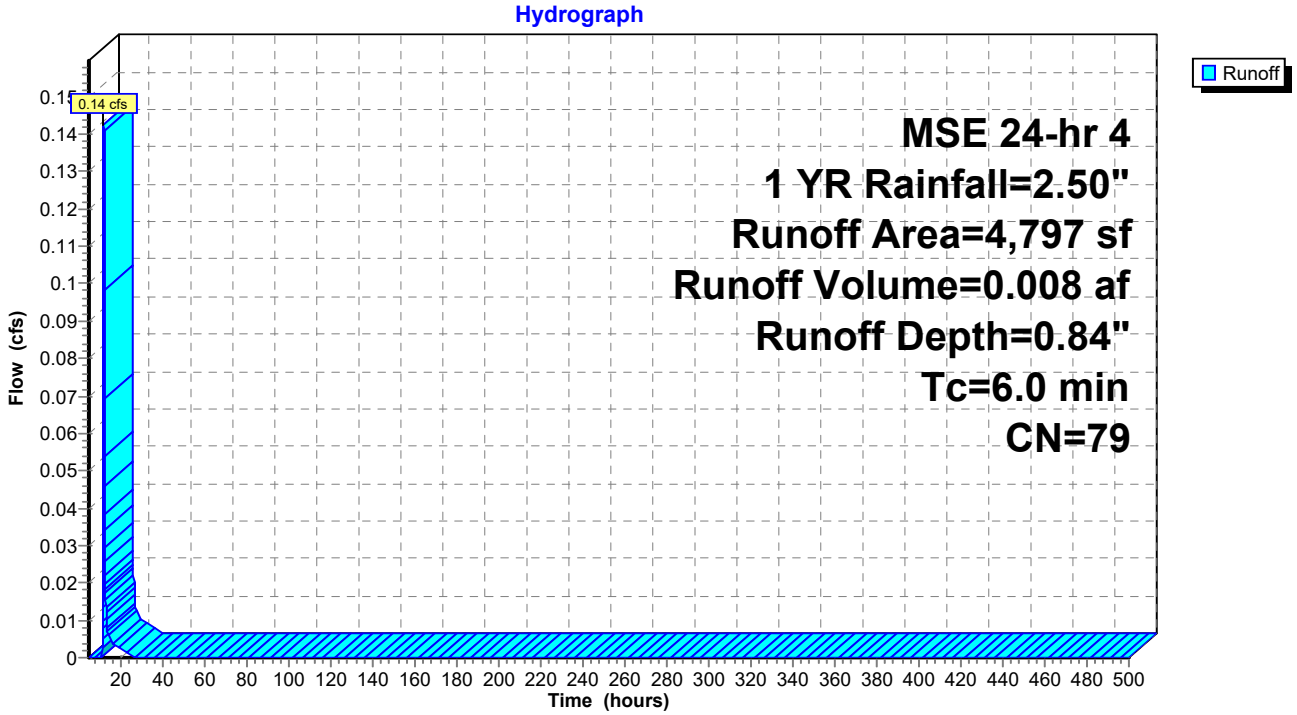
Runoff = 0.14 cfs @ 12.14 hrs, Volume= 0.008 af, Depth= 0.84"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 1 YR Rainfall=2.50"

	Area (sf)	CN	Description
*	2,465	61	Post - B Soils
*	2,332	98	Impervious
	4,797	79	Weighted Average
	2,465		51.39% Pervious Area
	2,332		48.61% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 5S: Culvert 1



Hydrograph for Subcatchment 5S: Culvert 1

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.11	0.00	0.00	260.00	2.50	0.84	0.00
10.00	0.40	0.00	**0.00**	265.00	2.50	0.84	0.00
15.00	2.20	0.64	**0.01**	270.00	2.50	0.84	0.00
20.00	**2.42**	**0.78**	0.00	275.00	2.50	0.84	0.00
25.00	**2.50**	**0.84**	0.00	280.00	2.50	0.84	0.00
30.00	2.50	0.84	0.00	285.00	2.50	0.84	0.00
35.00	2.50	0.84	0.00	290.00	2.50	0.84	0.00
40.00	2.50	0.84	0.00	295.00	2.50	0.84	0.00
45.00	2.50	0.84	0.00	300.00	2.50	0.84	0.00
50.00	2.50	0.84	0.00	305.00	2.50	0.84	0.00
55.00	2.50	0.84	0.00	310.00	2.50	0.84	0.00
60.00	2.50	0.84	0.00	315.00	2.50	0.84	0.00
65.00	2.50	0.84	0.00	320.00	2.50	0.84	0.00
70.00	2.50	0.84	0.00	325.00	2.50	0.84	0.00
75.00	2.50	0.84	0.00	330.00	2.50	0.84	0.00
80.00	2.50	0.84	0.00	335.00	2.50	0.84	0.00
85.00	2.50	0.84	0.00	340.00	2.50	0.84	0.00
90.00	2.50	0.84	0.00	345.00	2.50	0.84	0.00
95.00	2.50	0.84	0.00	350.00	2.50	0.84	0.00
100.00	2.50	0.84	0.00	355.00	2.50	0.84	0.00
105.00	2.50	0.84	0.00	360.00	2.50	0.84	0.00
110.00	2.50	0.84	0.00	365.00	2.50	0.84	0.00
115.00	2.50	0.84	0.00	370.00	2.50	0.84	0.00
120.00	2.50	0.84	0.00	375.00	2.50	0.84	0.00
125.00	2.50	0.84	0.00	380.00	2.50	0.84	0.00
130.00	2.50	0.84	0.00	385.00	2.50	0.84	0.00
135.00	2.50	0.84	0.00	390.00	2.50	0.84	0.00
140.00	2.50	0.84	0.00	395.00	2.50	0.84	0.00
145.00	2.50	0.84	0.00	400.00	2.50	0.84	0.00
150.00	2.50	0.84	0.00	405.00	2.50	0.84	0.00
155.00	2.50	0.84	0.00	410.00	2.50	0.84	0.00
160.00	2.50	0.84	0.00	415.00	2.50	0.84	0.00
165.00	2.50	0.84	0.00	420.00	2.50	0.84	0.00
170.00	2.50	0.84	0.00	425.00	2.50	0.84	0.00
175.00	2.50	0.84	0.00	430.00	2.50	0.84	0.00
180.00	2.50	0.84	0.00	435.00	2.50	0.84	0.00
185.00	2.50	0.84	0.00	440.00	2.50	0.84	0.00
190.00	2.50	0.84	0.00	445.00	2.50	0.84	0.00
195.00	2.50	0.84	0.00	450.00	2.50	0.84	0.00
200.00	2.50	0.84	0.00	455.00	2.50	0.84	0.00
205.00	2.50	0.84	0.00	460.00	2.50	0.84	0.00
210.00	2.50	0.84	0.00	465.00	2.50	0.84	0.00
215.00	2.50	0.84	0.00	470.00	2.50	0.84	0.00
220.00	2.50	0.84	0.00	475.00	2.50	0.84	0.00
225.00	2.50	0.84	0.00	480.00	2.50	0.84	0.00
230.00	2.50	0.84	0.00	485.00	2.50	0.84	0.00
235.00	2.50	0.84	0.00	490.00	2.50	0.84	0.00
240.00	2.50	0.84	0.00	495.00	2.50	0.84	0.00
245.00	2.50	0.84	0.00	500.00	2.50	0.84	0.00
250.00	2.50	0.84	0.00				
255.00	2.50	0.84	0.00				

Summary for Subcatchment 6S: Culvert 2

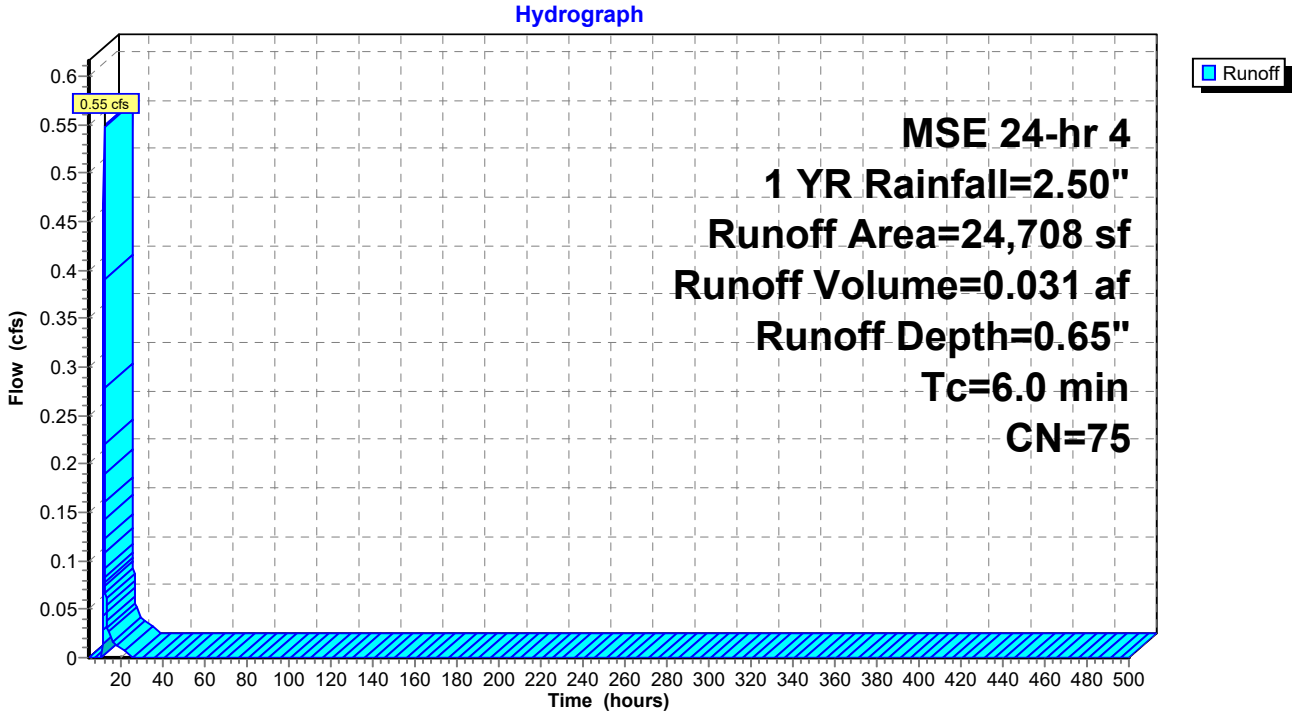
Runoff = 0.55 cfs @ 12.14 hrs, Volume= 0.031 af, Depth= 0.65"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 1 YR Rainfall=2.50"

	Area (sf)	CN	Description
*	15,597	61	Post - B Soils
*	9,111	98	Impervious
	24,708	75	Weighted Average
	15,597		63.13% Pervious Area
	9,111		36.87% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 6S: Culvert 2



Hydrograph for Subcatchment 6S: Culvert 2

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.11	0.00	0.00	260.00	2.50	0.65	0.00
10.00	0.40	0.00	**0.00**	265.00	2.50	0.65	0.00
15.00	2.20	0.48	**0.03**	270.00	2.50	0.65	0.00
20.00	**2.42**	**0.60**	0.01	275.00	2.50	0.65	0.00
25.00	**2.50**	**0.65**	0.00	280.00	2.50	0.65	0.00
30.00	2.50	0.65	0.00	285.00	2.50	0.65	0.00
35.00	2.50	0.65	0.00	290.00	2.50	0.65	0.00
40.00	2.50	0.65	0.00	295.00	2.50	0.65	0.00
45.00	2.50	0.65	0.00	300.00	2.50	0.65	0.00
50.00	2.50	0.65	0.00	305.00	2.50	0.65	0.00
55.00	2.50	0.65	0.00	310.00	2.50	0.65	0.00
60.00	2.50	0.65	0.00	315.00	2.50	0.65	0.00
65.00	2.50	0.65	0.00	320.00	2.50	0.65	0.00
70.00	2.50	0.65	0.00	325.00	2.50	0.65	0.00
75.00	2.50	0.65	0.00	330.00	2.50	0.65	0.00
80.00	2.50	0.65	0.00	335.00	2.50	0.65	0.00
85.00	2.50	0.65	0.00	340.00	2.50	0.65	0.00
90.00	2.50	0.65	0.00	345.00	2.50	0.65	0.00
95.00	2.50	0.65	0.00	350.00	2.50	0.65	0.00
100.00	2.50	0.65	0.00	355.00	2.50	0.65	0.00
105.00	2.50	0.65	0.00	360.00	2.50	0.65	0.00
110.00	2.50	0.65	0.00	365.00	2.50	0.65	0.00
115.00	2.50	0.65	0.00	370.00	2.50	0.65	0.00
120.00	2.50	0.65	0.00	375.00	2.50	0.65	0.00
125.00	2.50	0.65	0.00	380.00	2.50	0.65	0.00
130.00	2.50	0.65	0.00	385.00	2.50	0.65	0.00
135.00	2.50	0.65	0.00	390.00	2.50	0.65	0.00
140.00	2.50	0.65	0.00	395.00	2.50	0.65	0.00
145.00	2.50	0.65	0.00	400.00	2.50	0.65	0.00
150.00	2.50	0.65	0.00	405.00	2.50	0.65	0.00
155.00	2.50	0.65	0.00	410.00	2.50	0.65	0.00
160.00	2.50	0.65	0.00	415.00	2.50	0.65	0.00
165.00	2.50	0.65	0.00	420.00	2.50	0.65	0.00
170.00	2.50	0.65	0.00	425.00	2.50	0.65	0.00
175.00	2.50	0.65	0.00	430.00	2.50	0.65	0.00
180.00	2.50	0.65	0.00	435.00	2.50	0.65	0.00
185.00	2.50	0.65	0.00	440.00	2.50	0.65	0.00
190.00	2.50	0.65	0.00	445.00	2.50	0.65	0.00
195.00	2.50	0.65	0.00	450.00	2.50	0.65	0.00
200.00	2.50	0.65	0.00	455.00	2.50	0.65	0.00
205.00	2.50	0.65	0.00	460.00	2.50	0.65	0.00
210.00	2.50	0.65	0.00	465.00	2.50	0.65	0.00
215.00	2.50	0.65	0.00	470.00	2.50	0.65	0.00
220.00	2.50	0.65	0.00	475.00	2.50	0.65	0.00
225.00	2.50	0.65	0.00	480.00	2.50	0.65	0.00
230.00	2.50	0.65	0.00	485.00	2.50	0.65	0.00
235.00	2.50	0.65	0.00	490.00	2.50	0.65	0.00
240.00	2.50	0.65	0.00	495.00	2.50	0.65	0.00
245.00	2.50	0.65	0.00	500.00	2.50	0.65	0.00
250.00	2.50	0.65	0.00				
255.00	2.50	0.65	0.00				

Summary for Subcatchment 7S: Culvert 3

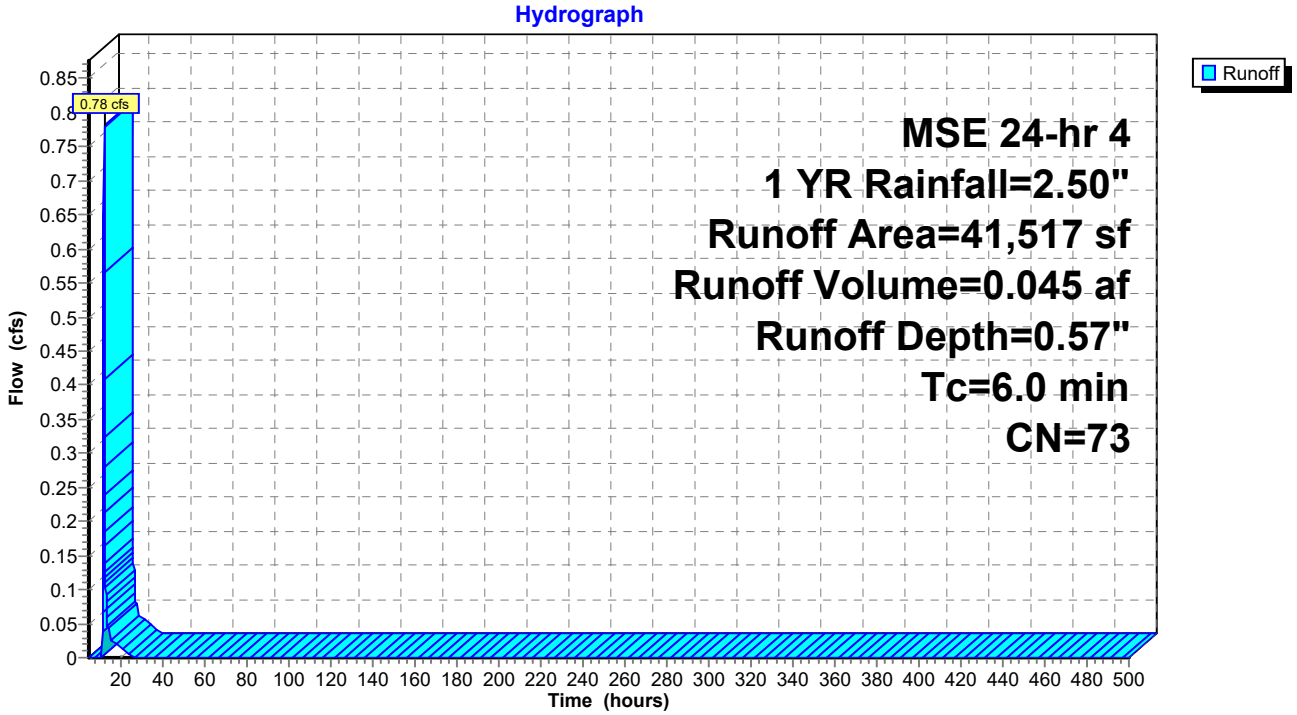
Runoff = 0.78 cfs @ 12.14 hrs, Volume= 0.045 af, Depth= 0.57"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 1 YR Rainfall=2.50"

	Area (sf)	CN	Description
*	28,233	61	Post - B Soils
*	13,284	98	Impervious
	41,517	73	Weighted Average
	28,233		68.00% Pervious Area
	13,284		32.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 7S: Culvert 3



Hydrograph for Subcatchment 7S: Culvert 3

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.11	0.00	0.00	260.00	2.50	0.57	0.00
10.00	0.40	0.00	**0.00**	265.00	2.50	0.57	0.00
15.00	2.20	0.41	**0.04**	270.00	2.50	0.57	0.00
20.00	**2.42**	**0.52**	0.02	275.00	2.50	0.57	0.00
25.00	**2.50**	**0.57**	0.00	280.00	2.50	0.57	0.00
30.00	2.50	0.57	0.00	285.00	2.50	0.57	0.00
35.00	2.50	0.57	0.00	290.00	2.50	0.57	0.00
40.00	2.50	0.57	0.00	295.00	2.50	0.57	0.00
45.00	2.50	0.57	0.00	300.00	2.50	0.57	0.00
50.00	2.50	0.57	0.00	305.00	2.50	0.57	0.00
55.00	2.50	0.57	0.00	310.00	2.50	0.57	0.00
60.00	2.50	0.57	0.00	315.00	2.50	0.57	0.00
65.00	2.50	0.57	0.00	320.00	2.50	0.57	0.00
70.00	2.50	0.57	0.00	325.00	2.50	0.57	0.00
75.00	2.50	0.57	0.00	330.00	2.50	0.57	0.00
80.00	2.50	0.57	0.00	335.00	2.50	0.57	0.00
85.00	2.50	0.57	0.00	340.00	2.50	0.57	0.00
90.00	2.50	0.57	0.00	345.00	2.50	0.57	0.00
95.00	2.50	0.57	0.00	350.00	2.50	0.57	0.00
100.00	2.50	0.57	0.00	355.00	2.50	0.57	0.00
105.00	2.50	0.57	0.00	360.00	2.50	0.57	0.00
110.00	2.50	0.57	0.00	365.00	2.50	0.57	0.00
115.00	2.50	0.57	0.00	370.00	2.50	0.57	0.00
120.00	2.50	0.57	0.00	375.00	2.50	0.57	0.00
125.00	2.50	0.57	0.00	380.00	2.50	0.57	0.00
130.00	2.50	0.57	0.00	385.00	2.50	0.57	0.00
135.00	2.50	0.57	0.00	390.00	2.50	0.57	0.00
140.00	2.50	0.57	0.00	395.00	2.50	0.57	0.00
145.00	2.50	0.57	0.00	400.00	2.50	0.57	0.00
150.00	2.50	0.57	0.00	405.00	2.50	0.57	0.00
155.00	2.50	0.57	0.00	410.00	2.50	0.57	0.00
160.00	2.50	0.57	0.00	415.00	2.50	0.57	0.00
165.00	2.50	0.57	0.00	420.00	2.50	0.57	0.00
170.00	2.50	0.57	0.00	425.00	2.50	0.57	0.00
175.00	2.50	0.57	0.00	430.00	2.50	0.57	0.00
180.00	2.50	0.57	0.00	435.00	2.50	0.57	0.00
185.00	2.50	0.57	0.00	440.00	2.50	0.57	0.00
190.00	2.50	0.57	0.00	445.00	2.50	0.57	0.00
195.00	2.50	0.57	0.00	450.00	2.50	0.57	0.00
200.00	2.50	0.57	0.00	455.00	2.50	0.57	0.00
205.00	2.50	0.57	0.00	460.00	2.50	0.57	0.00
210.00	2.50	0.57	0.00	465.00	2.50	0.57	0.00
215.00	2.50	0.57	0.00	470.00	2.50	0.57	0.00
220.00	2.50	0.57	0.00	475.00	2.50	0.57	0.00
225.00	2.50	0.57	0.00	480.00	2.50	0.57	0.00
230.00	2.50	0.57	0.00	485.00	2.50	0.57	0.00
235.00	2.50	0.57	0.00	490.00	2.50	0.57	0.00
240.00	2.50	0.57	0.00	495.00	2.50	0.57	0.00
245.00	2.50	0.57	0.00	500.00	2.50	0.57	0.00
250.00	2.50	0.57	0.00				
255.00	2.50	0.57	0.00				

Summary for Subcatchment 8S: Culvert 4

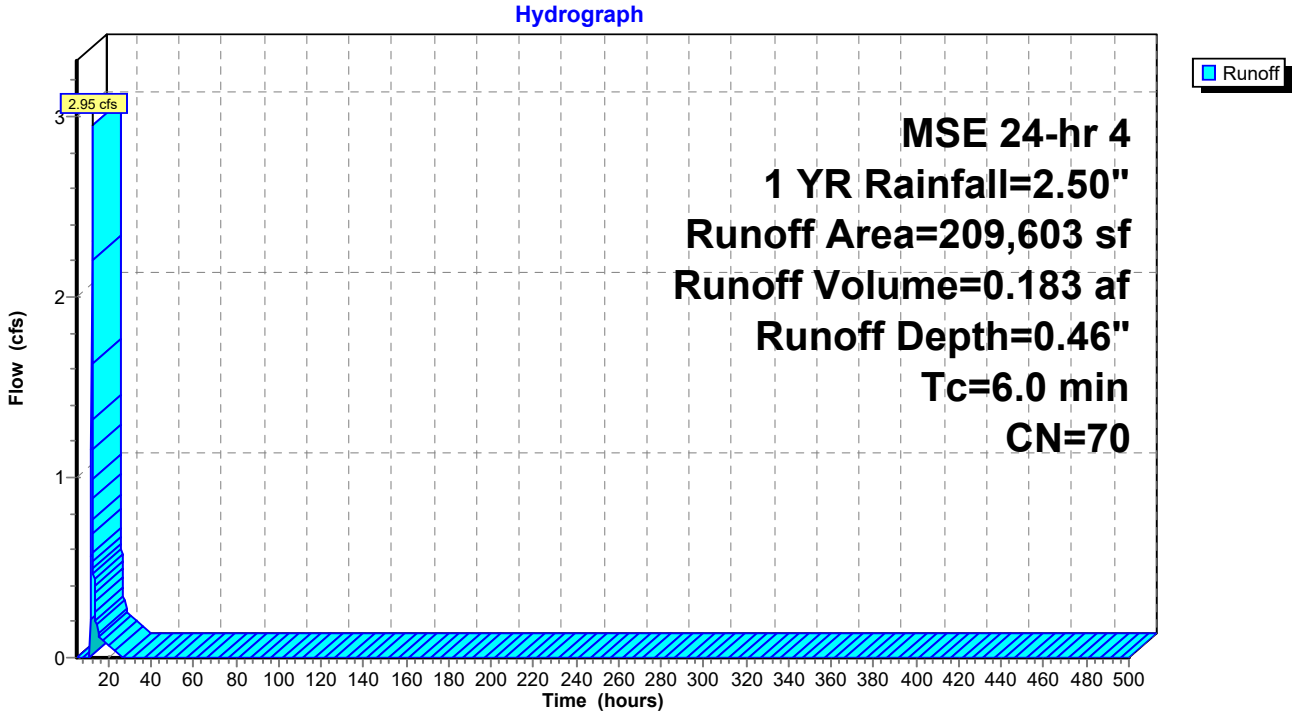
Runoff = 2.95 cfs @ 12.15 hrs, Volume= 0.183 af, Depth= 0.46"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 1 YR Rainfall=2.50"

	Area (sf)	CN	Description
*	156,823	61	Post - B Soils
*	52,780	98	Impervious
	209,603	70	Weighted Average
	156,823		74.82% Pervious Area
	52,780		25.18% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 8S: Culvert 4



Hydrograph for Subcatchment 8S: Culvert 4

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.11	0.00	0.00
10.00	0.40	0.00	**0.00**
15.00	2.20	0.32	**0.18**
20.00	**2.42**	**0.42**	0.07
25.00	**2.50**	**0.46**	0.00
30.00	2.50	0.46	0.00
35.00	2.50	0.46	0.00
40.00	2.50	0.46	0.00
45.00	2.50	0.46	0.00
50.00	2.50	0.46	0.00
55.00	2.50	0.46	0.00
60.00	2.50	0.46	0.00
65.00	2.50	0.46	0.00
70.00	2.50	0.46	0.00
75.00	2.50	0.46	0.00
80.00	2.50	0.46	0.00
85.00	2.50	0.46	0.00
90.00	2.50	0.46	0.00
95.00	2.50	0.46	0.00
100.00	2.50	0.46	0.00
105.00	2.50	0.46	0.00
110.00	2.50	0.46	0.00
115.00	2.50	0.46	0.00
120.00	2.50	0.46	0.00
125.00	2.50	0.46	0.00
130.00	2.50	0.46	0.00
135.00	2.50	0.46	0.00
140.00	2.50	0.46	0.00
145.00	2.50	0.46	0.00
150.00	2.50	0.46	0.00
155.00	2.50	0.46	0.00
160.00	2.50	0.46	0.00
165.00	2.50	0.46	0.00
170.00	2.50	0.46	0.00
175.00	2.50	0.46	0.00
180.00	2.50	0.46	0.00
185.00	2.50	0.46	0.00
190.00	2.50	0.46	0.00
195.00	2.50	0.46	0.00
200.00	2.50	0.46	0.00
205.00	2.50	0.46	0.00
210.00	2.50	0.46	0.00
215.00	2.50	0.46	0.00
220.00	2.50	0.46	0.00
225.00	2.50	0.46	0.00
230.00	2.50	0.46	0.00
235.00	2.50	0.46	0.00
240.00	2.50	0.46	0.00
245.00	2.50	0.46	0.00
250.00	2.50	0.46	0.00
255.00	2.50	0.46	0.00
260.00	2.50	0.46	0.00
265.00	2.50	0.46	0.00
270.00	2.50	0.46	0.00
275.00	2.50	0.46	0.00
280.00	2.50	0.46	0.00
285.00	2.50	0.46	0.00
290.00	2.50	0.46	0.00
295.00	2.50	0.46	0.00
300.00	2.50	0.46	0.00
305.00	2.50	0.46	0.00
310.00	2.50	0.46	0.00
315.00	2.50	0.46	0.00
320.00	2.50	0.46	0.00
325.00	2.50	0.46	0.00
330.00	2.50	0.46	0.00
335.00	2.50	0.46	0.00
340.00	2.50	0.46	0.00
345.00	2.50	0.46	0.00
350.00	2.50	0.46	0.00
355.00	2.50	0.46	0.00
360.00	2.50	0.46	0.00
365.00	2.50	0.46	0.00
370.00	2.50	0.46	0.00
375.00	2.50	0.46	0.00
380.00	2.50	0.46	0.00
385.00	2.50	0.46	0.00
390.00	2.50	0.46	0.00
395.00	2.50	0.46	0.00
400.00	2.50	0.46	0.00
405.00	2.50	0.46	0.00
410.00	2.50	0.46	0.00
415.00	2.50	0.46	0.00
420.00	2.50	0.46	0.00
425.00	2.50	0.46	0.00
430.00	2.50	0.46	0.00
435.00	2.50	0.46	0.00
440.00	2.50	0.46	0.00
445.00	2.50	0.46	0.00
450.00	2.50	0.46	0.00
455.00	2.50	0.46	0.00
460.00	2.50	0.46	0.00
465.00	2.50	0.46	0.00
470.00	2.50	0.46	0.00
475.00	2.50	0.46	0.00
480.00	2.50	0.46	0.00
485.00	2.50	0.46	0.00
490.00	2.50	0.46	0.00
495.00	2.50	0.46	0.00
500.00	2.50	0.46	0.00

Summary for Subcatchment 9S: Culvert 5

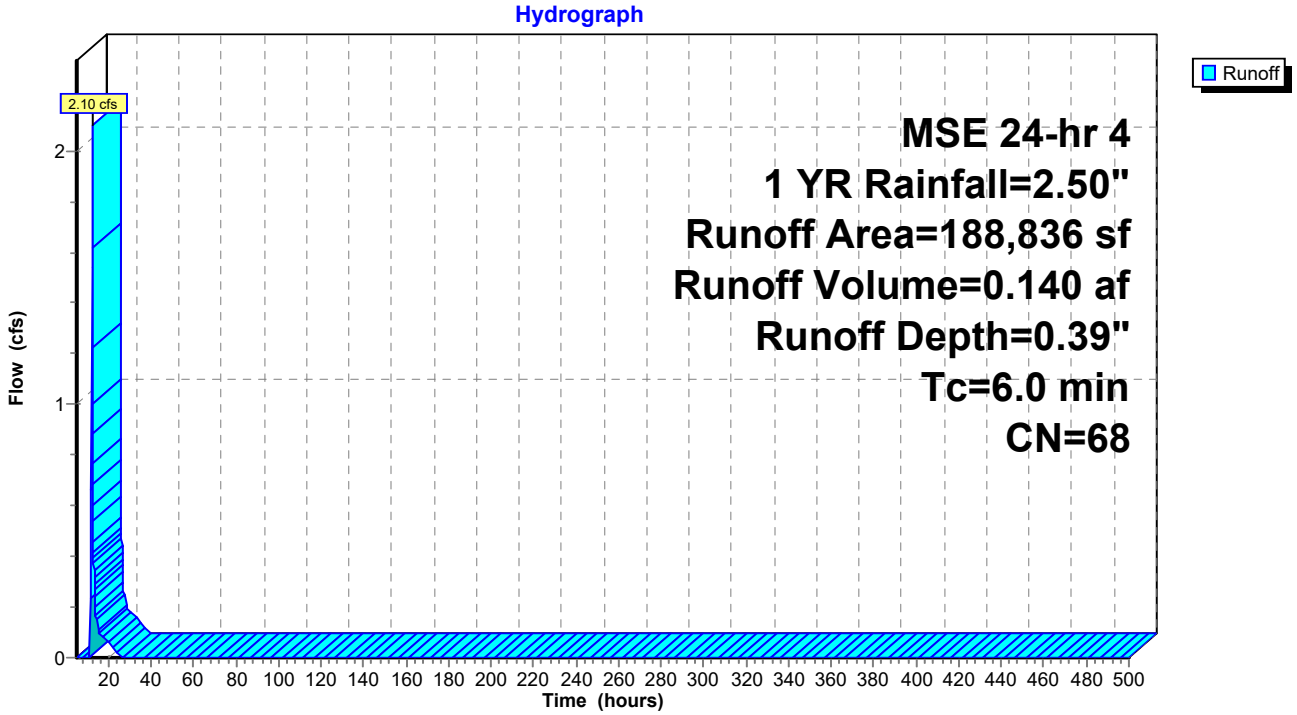
Runoff = 2.10 cfs @ 12.15 hrs, Volume= 0.140 af, Depth= 0.39"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 1 YR Rainfall=2.50"

	Area (sf)	CN	Description
*	151,149	61	Post - B Soils
*	37,687	98	Impervious
	188,836	68	Weighted Average
	151,149		80.04% Pervious Area
	37,687		19.96% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 9S: Culvert 5



Hydrograph for Subcatchment 9S: Culvert 5

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.11	0.00	0.00	260.00	2.50	0.39	0.00
10.00	0.40	0.00	**0.00**	265.00	2.50	0.39	0.00
15.00	2.20	0.26	**0.15**	270.00	2.50	0.39	0.00
20.00	**2.42**	**0.35**	0.06	275.00	2.50	0.39	0.00
25.00	**2.50**	**0.39**	0.00	280.00	2.50	0.39	0.00
30.00	2.50	0.39	0.00	285.00	2.50	0.39	0.00
35.00	2.50	0.39	0.00	290.00	2.50	0.39	0.00
40.00	2.50	0.39	0.00	295.00	2.50	0.39	0.00
45.00	2.50	0.39	0.00	300.00	2.50	0.39	0.00
50.00	2.50	0.39	0.00	305.00	2.50	0.39	0.00
55.00	2.50	0.39	0.00	310.00	2.50	0.39	0.00
60.00	2.50	0.39	0.00	315.00	2.50	0.39	0.00
65.00	2.50	0.39	0.00	320.00	2.50	0.39	0.00
70.00	2.50	0.39	0.00	325.00	2.50	0.39	0.00
75.00	2.50	0.39	0.00	330.00	2.50	0.39	0.00
80.00	2.50	0.39	0.00	335.00	2.50	0.39	0.00
85.00	2.50	0.39	0.00	340.00	2.50	0.39	0.00
90.00	2.50	0.39	0.00	345.00	2.50	0.39	0.00
95.00	2.50	0.39	0.00	350.00	2.50	0.39	0.00
100.00	2.50	0.39	0.00	355.00	2.50	0.39	0.00
105.00	2.50	0.39	0.00	360.00	2.50	0.39	0.00
110.00	2.50	0.39	0.00	365.00	2.50	0.39	0.00
115.00	2.50	0.39	0.00	370.00	2.50	0.39	0.00
120.00	2.50	0.39	0.00	375.00	2.50	0.39	0.00
125.00	2.50	0.39	0.00	380.00	2.50	0.39	0.00
130.00	2.50	0.39	0.00	385.00	2.50	0.39	0.00
135.00	2.50	0.39	0.00	390.00	2.50	0.39	0.00
140.00	2.50	0.39	0.00	395.00	2.50	0.39	0.00
145.00	2.50	0.39	0.00	400.00	2.50	0.39	0.00
150.00	2.50	0.39	0.00	405.00	2.50	0.39	0.00
155.00	2.50	0.39	0.00	410.00	2.50	0.39	0.00
160.00	2.50	0.39	0.00	415.00	2.50	0.39	0.00
165.00	2.50	0.39	0.00	420.00	2.50	0.39	0.00
170.00	2.50	0.39	0.00	425.00	2.50	0.39	0.00
175.00	2.50	0.39	0.00	430.00	2.50	0.39	0.00
180.00	2.50	0.39	0.00	435.00	2.50	0.39	0.00
185.00	2.50	0.39	0.00	440.00	2.50	0.39	0.00
190.00	2.50	0.39	0.00	445.00	2.50	0.39	0.00
195.00	2.50	0.39	0.00	450.00	2.50	0.39	0.00
200.00	2.50	0.39	0.00	455.00	2.50	0.39	0.00
205.00	2.50	0.39	0.00	460.00	2.50	0.39	0.00
210.00	2.50	0.39	0.00	465.00	2.50	0.39	0.00
215.00	2.50	0.39	0.00	470.00	2.50	0.39	0.00
220.00	2.50	0.39	0.00	475.00	2.50	0.39	0.00
225.00	2.50	0.39	0.00	480.00	2.50	0.39	0.00
230.00	2.50	0.39	0.00	485.00	2.50	0.39	0.00
235.00	2.50	0.39	0.00	490.00	2.50	0.39	0.00
240.00	2.50	0.39	0.00	495.00	2.50	0.39	0.00
245.00	2.50	0.39	0.00	500.00	2.50	0.39	0.00
250.00	2.50	0.39	0.00				
255.00	2.50	0.39	0.00				

Summary for Pond P1A: Pond 1A

Inflow Area = 6.030 ac, 19.24% Impervious, Inflow Depth = 0.39" for 1 YR event
Inflow = 2.93 cfs @ 12.15 hrs, Volume= 0.195 af
Outflow = 0.32 cfs @ 13.52 hrs, Volume= 0.195 af, Atten= 89%, Lag= 82.1 min
Primary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af
Routed to Link 3L : Post - South
Secondary = 0.32 cfs @ 13.52 hrs, Volume= 0.195 af
Tertiary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,239.93' @ 13.52 hrs Surf.Area= 3,843 sf Storage= 2,951 cf

Plug-Flow detention time= 92.6 min calculated for 0.195 af (100% of inflow)
Center-of-Mass det. time= 92.6 min (974.9 - 882.3)

Volume	Invert	Avail.Storage	Storage Description
#1	1,239.00'	30,563 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

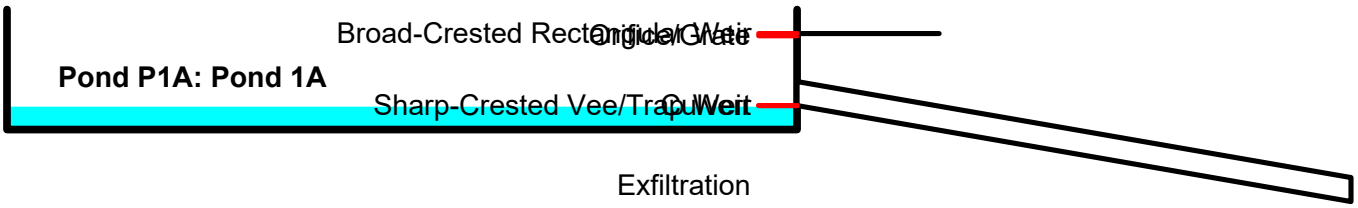
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,239.00	2,496	0	0
1,244.00	9,729	30,563	30,563

Device	Routing	Invert	Outlet Devices
#1	Primary	1,240.00'	**12.0" Round Culvert** L= 39.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,240.00' / 1,236.00' S= 0.1026 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,240.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,242.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Secondary	1,239.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,243.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

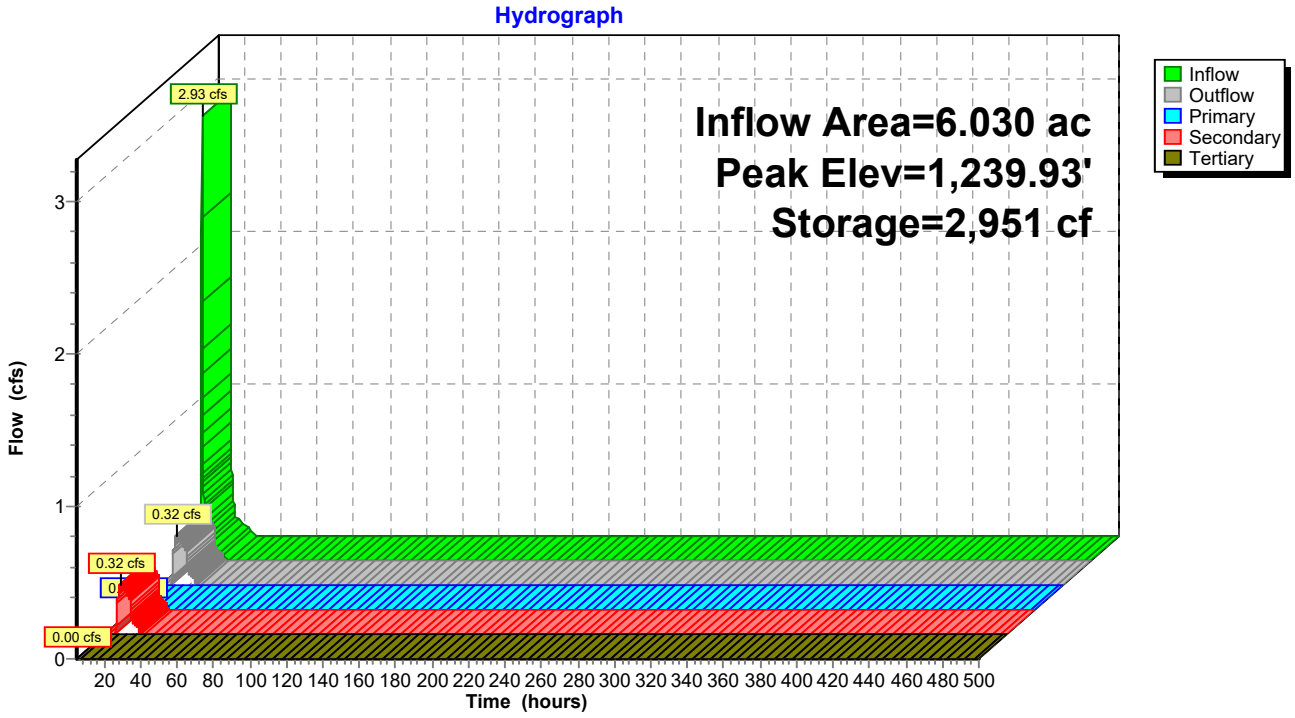
Primary OutFlow Max=0.00 cfs @ 5.00 hrs HW=1,239.00' (Free Discharge)
└**1=Culvert** (Controls 0.00 cfs)
└**2=Sharp-Crested Vee/Trap Weir** (Controls 0.00 cfs)
└**3=Orifice/Grate** (Controls 0.00 cfs)

Secondary OutFlow Max=0.32 cfs @ 13.52 hrs HW=1,239.93' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.32 cfs)

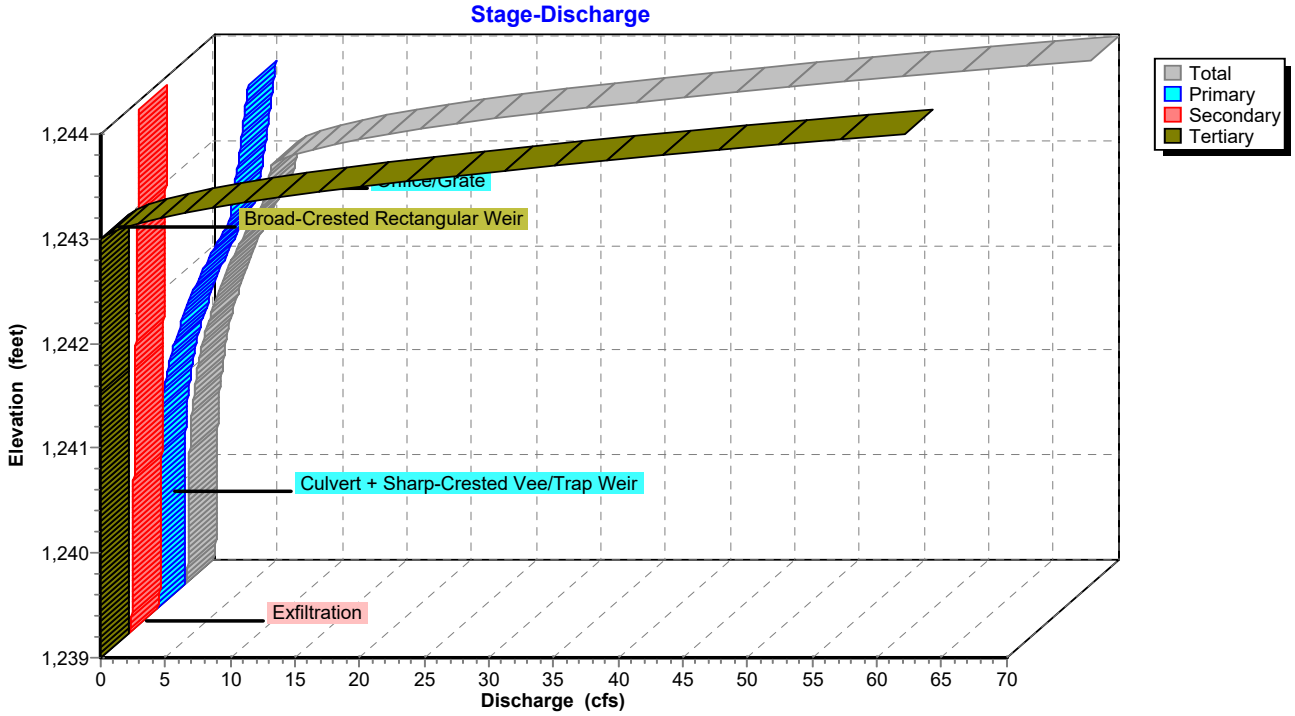
Tertiary OutFlow Max=0.00 cfs @ 5.00 hrs HW=1,239.00' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)



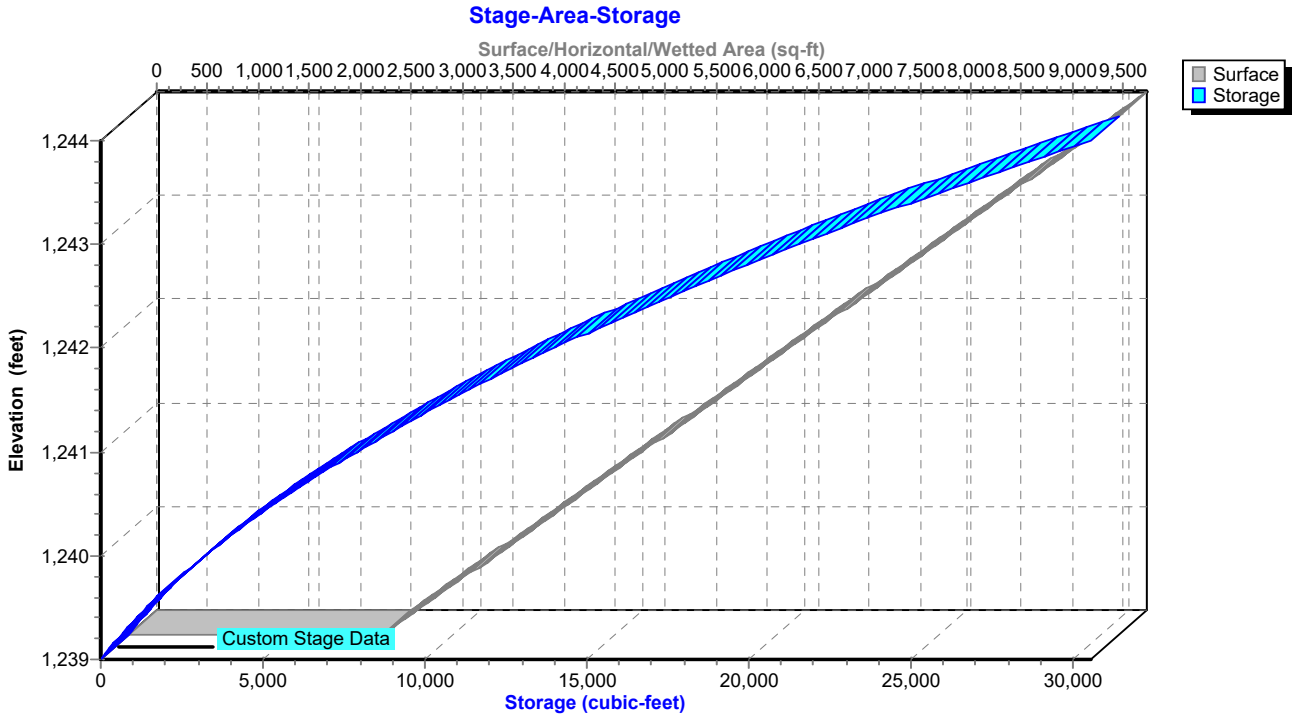
Pond P1A: Pond 1A



Pond P1A: Pond 1A



Pond P1A: Pond 1A



Hydrograph for Pond P1A: Pond 1A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,239.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**0.20**	**2,447**	**1,239.80**	**0.30**	0.00	**0.30**	0.00
25.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
35.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P1A: Pond 1A

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,239.00	0.00	0.00	0.00	0.00
1,239.10	0.22	0.00	0.22	0.00
1,239.20	0.23	0.00	0.23	0.00
1,239.30	0.24	0.00	0.24	0.00
1,239.40	0.26	0.00	0.26	0.00
1,239.50	0.27	0.00	0.27	0.00
1,239.60	0.28	0.00	0.28	0.00
1,239.70	0.29	0.00	0.29	0.00
1,239.80	0.30	0.00	0.30	0.00
1,239.90	0.32	0.00	0.32	0.00
1,240.00	0.33	0.00	0.33	0.00
1,240.10	0.34	0.00	0.34	0.00
1,240.20	0.36	0.01	0.35	0.00
1,240.30	0.39	0.02	0.36	0.00
1,240.40	0.42	0.05	0.38	0.00
1,240.50	0.47	0.08	0.39	0.00
1,240.60	0.53	0.13	0.40	0.00
1,240.70	0.61	0.19	0.41	0.00
1,240.80	0.70	0.27	0.42	0.00
1,240.90	0.80	0.36	0.44	0.00
1,241.00	0.92	0.47	0.45	0.00
1,241.10	1.06	0.60	0.46	0.00
1,241.20	1.22	0.75	0.47	0.00
1,241.30	1.40	0.91	0.49	0.00
1,241.40	1.60	1.10	0.50	0.00
1,241.50	1.82	1.31	0.51	0.00
1,241.60	2.06	1.54	0.52	0.00
1,241.70	2.32	1.79	0.53	0.00
1,241.80	2.61	2.06	0.55	0.00
1,241.90	2.92	2.36	0.56	0.00
1,242.00	3.25	2.68	0.57	0.00
1,242.10	3.61	3.03	0.58	0.00
1,242.20	4.00	3.41	0.59	0.00
1,242.30	4.41	3.81	0.61	0.00
1,242.40	4.85	4.23	0.62	0.00
1,242.50	5.32	4.69	0.63	0.00
1,242.60	5.81	5.17	0.64	0.00
1,242.70	6.26	5.61	0.65	0.00
1,242.80	6.40	5.74	0.67	0.00
1,242.90	6.54	5.86	0.68	0.00
1,243.00	6.67	5.98	0.69	0.00
1,243.10	8.40	6.10	0.70	1.60
1,243.20	11.53	6.21	0.71	4.60
1,243.30	15.75	6.33	0.73	8.70
1,243.40	20.96	6.44	0.74	13.78
1,243.50	27.39	6.55	0.75	20.08
1,243.60	34.93	6.66	0.76	27.51
1,243.70	42.64	6.76	0.77	35.10
1,243.80	51.08	6.87	0.79	43.42
1,243.90	60.22	6.97	0.80	52.45
1,244.00	**70.06**	**7.07**	**0.81**	**62.18**

Stage-Area-Storage for Pond P1A: Pond 1A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,239.00	2,496	0	1,241.55	6,185	11,068
1,239.05	2,568	127	1,241.60	6,257	11,379
1,239.10	2,641	257	1,241.65	6,329	11,694
1,239.15	2,713	391	1,241.70	6,402	12,012
1,239.20	2,785	528	1,241.75	6,474	12,334
1,239.25	2,858	669	1,241.80	6,546	12,659
1,239.30	2,930	814	1,241.85	6,619	12,989
1,239.35	3,002	962	1,241.90	6,691	13,321
1,239.40	3,075	1,114	1,241.95	6,763	13,658
1,239.45	3,147	1,270	1,242.00	6,836	13,998
1,239.50	3,219	1,429	1,242.05	6,908	14,341
1,239.55	3,292	1,592	1,242.10	6,980	14,689
1,239.60	3,364	1,758	1,242.15	7,053	15,039
1,239.65	3,436	1,928	1,242.20	7,125	15,394
1,239.70	3,509	2,102	1,242.25	7,197	15,752
1,239.75	3,581	2,279	1,242.30	7,270	16,114
1,239.80	3,653	2,460	1,242.35	7,342	16,479
1,239.85	3,726	2,644	1,242.40	7,414	16,848
1,239.90	3,798	2,832	1,242.45	7,487	17,220
1,239.95	3,870	3,024	1,242.50	7,559	17,596
1,240.00	3,943	3,219	1,242.55	7,631	17,976
1,240.05	4,015	3,418	1,242.60	7,704	18,360
1,240.10	4,087	3,621	1,242.65	7,776	18,747
1,240.15	4,160	3,827	1,242.70	7,848	19,137
1,240.20	4,232	4,037	1,242.75	7,921	19,531
1,240.25	4,304	4,250	1,242.80	7,993	19,929
1,240.30	4,377	4,467	1,242.85	8,065	20,331
1,240.35	4,449	4,688	1,242.90	8,138	20,736
1,240.40	4,521	4,912	1,242.95	8,210	21,144
1,240.45	4,594	5,140	1,243.00	8,282	21,557
1,240.50	4,666	5,371	1,243.05	8,355	21,973
1,240.55	4,738	5,607	1,243.10	8,427	22,392
1,240.60	4,811	5,845	1,243.15	8,499	22,815
1,240.65	4,883	6,088	1,243.20	8,572	23,242
1,240.70	4,955	6,334	1,243.25	8,644	23,673
1,240.75	5,028	6,583	1,243.30	8,716	24,107
1,240.80	5,100	6,836	1,243.35	8,789	24,544
1,240.85	5,172	7,093	1,243.40	8,861	24,985
1,240.90	5,245	7,354	1,243.45	8,933	25,430
1,240.95	5,317	7,618	1,243.50	9,006	25,879
1,241.00	5,389	7,885	1,243.55	9,078	26,331
1,241.05	5,462	8,156	1,243.60	9,150	26,787
1,241.10	5,534	8,431	1,243.65	9,223	27,246
1,241.15	5,606	8,710	1,243.70	9,295	27,709
1,241.20	5,679	8,992	1,243.75	9,367	28,175
1,241.25	5,751	9,278	1,243.80	9,440	28,646
1,241.30	5,823	9,567	1,243.85	9,512	29,119
1,241.35	5,896	9,860	1,243.90	9,584	29,597
1,241.40	5,968	10,157	1,243.95	9,657	30,078
1,241.45	6,040	10,457	1,244.00	**9,729**	**30,563**
1,241.50	6,113	10,761			

Summary for Pond P3A: Pond 3A

Inflow Area = 10.600 ac, 18.58% Impervious, Inflow Depth = 0.46" for 1 YR event
Inflow = 6.50 cfs @ 12.15 hrs, Volume= 0.402 af
Outflow = 0.56 cfs @ 13.57 hrs, Volume= 0.402 af, Atten= 91%, Lag= 85.5 min
Primary = 0.04 cfs @ 13.57 hrs, Volume= 0.006 af
Routed to Link 4L : Post - North
Secondary = 0.52 cfs @ 13.57 hrs, Volume= 0.396 af
Tertiary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,193.37' @ 13.57 hrs Surf.Area= 6,214 sf Storage= 7,129 cf

Plug-Flow detention time= 145.8 min calculated for 0.402 af (100% of inflow)
Center-of-Mass det. time= 145.8 min (1,019.2 - 873.4)

Volume	Invert	Avail.Storage	Storage Description
#1	1,192.00'	51,846 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

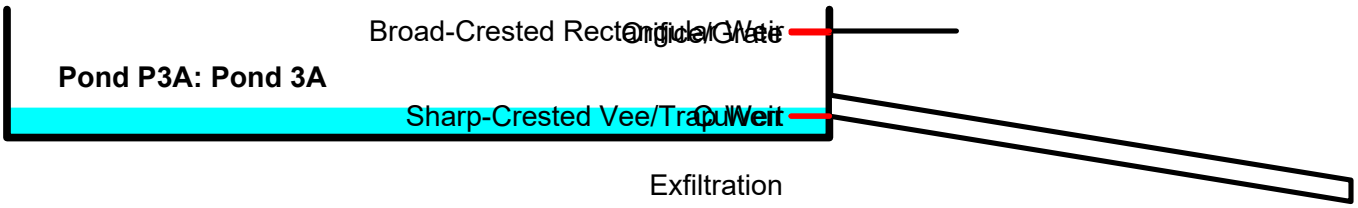
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,192.00	4,165	0	0
1,198.00	13,117	51,846	51,846

Device	Routing	Invert	Outlet Devices
#1	Primary	1,193.00'	**12.0" Round Culvert** L= 41.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,193.00' / 1,189.00' S= 0.0976 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,193.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,196.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Secondary	1,192.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,197.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

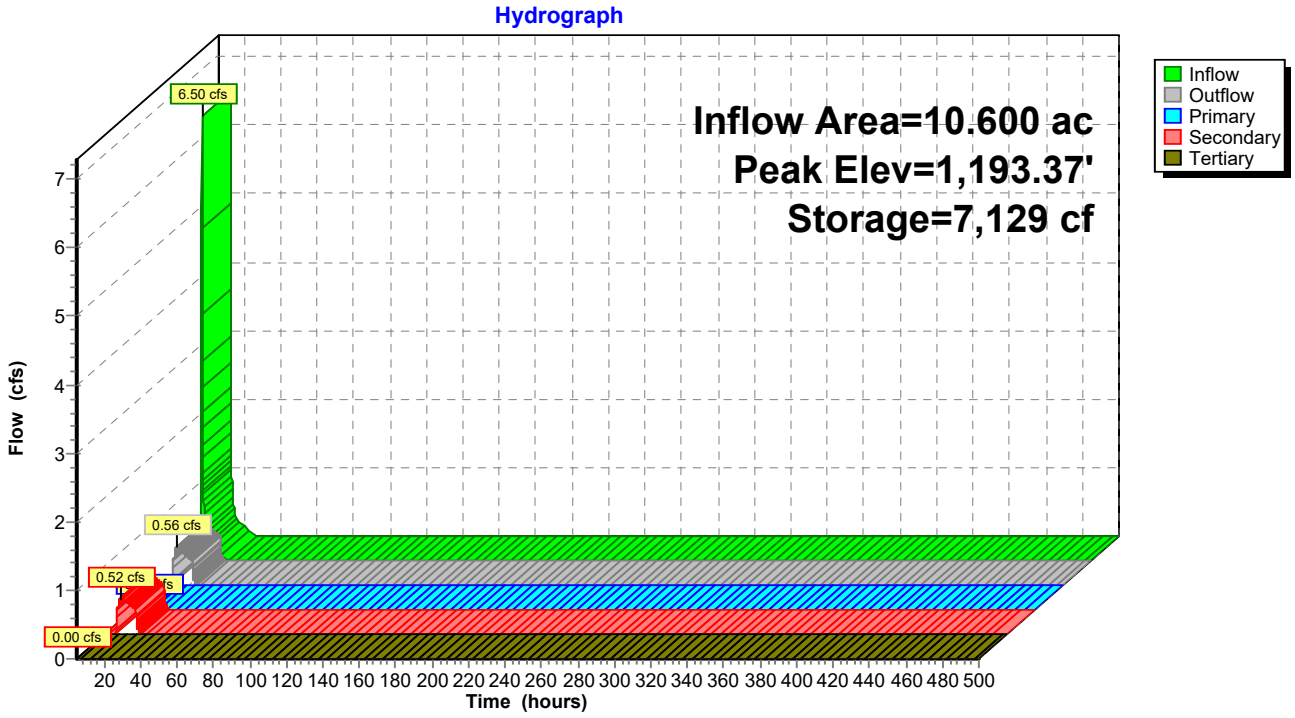
Primary OutFlow Max=0.04 cfs @ 13.57 hrs HW=1,193.37' (Free Discharge)
└**1=Culvert** (Passes 0.04 cfs of 0.56 cfs potential flow)
├**2=Sharp-Crested Vee/Trap Weir** (Weir Controls 0.04 cfs @ 1.64 fps)
└**3=Orifice/Grate** (Controls 0.00 cfs)

Secondary OutFlow Max=0.52 cfs @ 13.57 hrs HW=1,193.37' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.52 cfs)

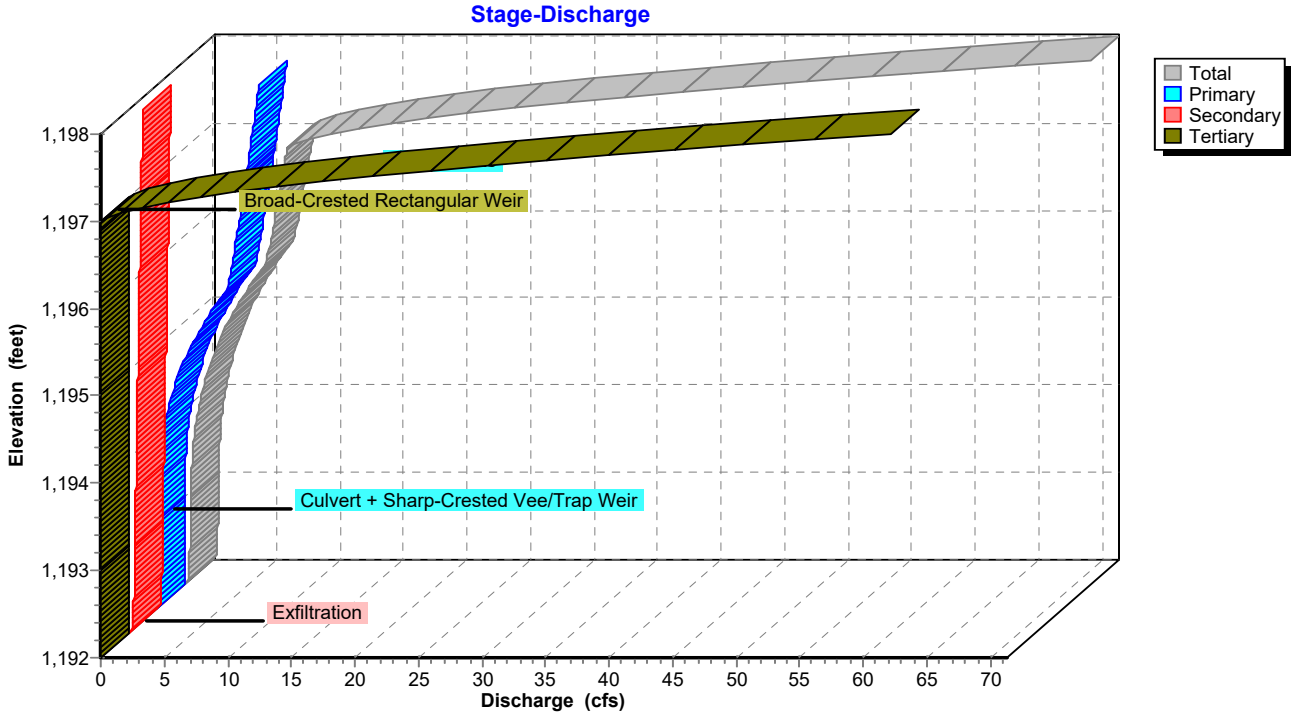
Tertiary OutFlow Max=0.00 cfs @ 5.00 hrs HW=1,192.00' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)



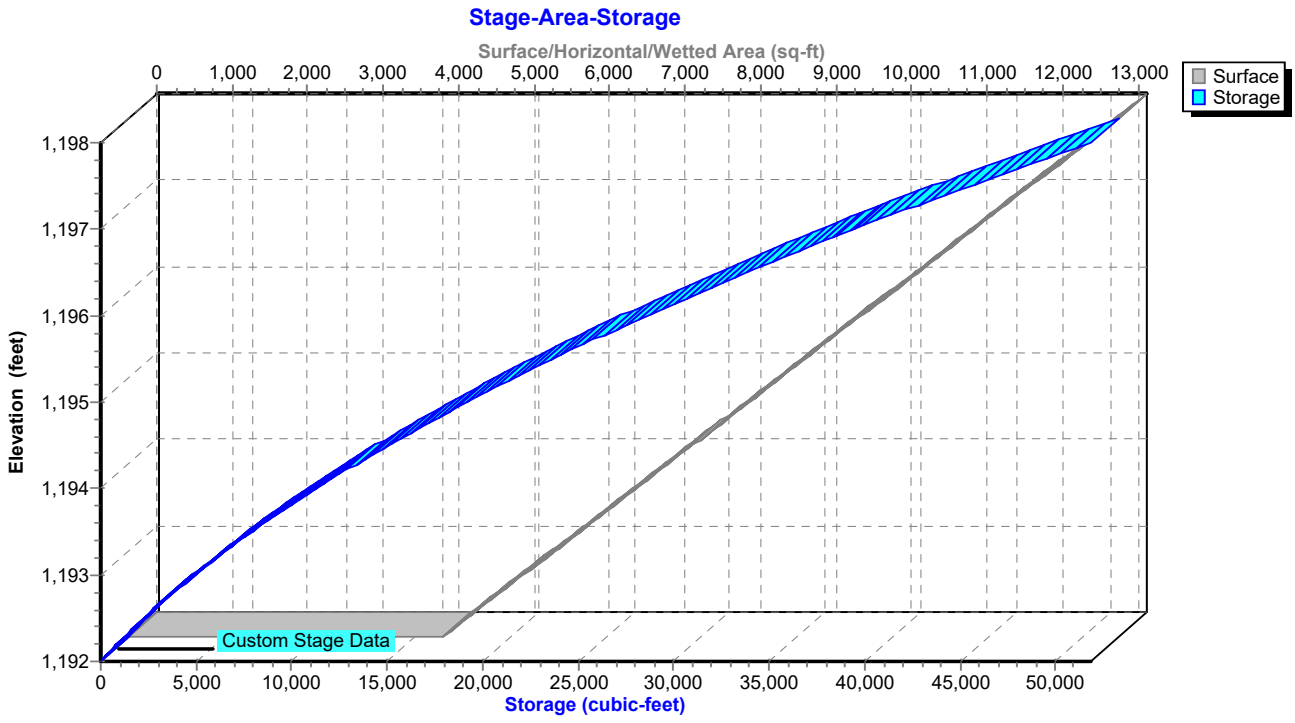
Pond P3A: Pond 3A



Pond P3A: Pond 3A



Pond P3A: Pond 3A



Hydrograph for Pond P3A: Pond 3A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,192.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**0.40**	**6,518**	**1,193.27**	**0.52**	**0.02**	**0.51**	0.00
25.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
35.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P3A: Pond 3A

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,192.00	0.00	0.00	0.00	0.00
1,192.20	0.37	0.00	0.37	0.00
1,192.40	0.40	0.00	0.40	0.00
1,192.60	0.42	0.00	0.42	0.00
1,192.80	0.45	0.00	0.45	0.00
1,193.00	0.47	0.00	0.47	0.00
1,193.20	0.50	0.01	0.50	0.00
1,193.40	0.57	0.05	0.52	0.00
1,193.60	0.68	0.13	0.55	0.00
1,193.80	0.84	0.27	0.57	0.00
1,194.00	1.07	0.47	0.60	0.00
1,194.20	1.37	0.75	0.62	0.00
1,194.40	1.75	1.10	0.65	0.00
1,194.60	2.21	1.54	0.67	0.00
1,194.80	2.76	2.06	0.70	0.00
1,195.00	3.40	2.68	0.72	0.00
1,195.20	4.15	3.41	0.74	0.00
1,195.40	5.00	4.23	0.77	0.00
1,195.60	5.96	5.17	0.79	0.00
1,195.80	6.55	5.74	0.82	0.00
1,196.00	6.82	5.98	0.84	0.00
1,196.20	7.08	6.21	0.87	0.00
1,196.40	7.33	6.44	0.89	0.00
1,196.60	7.58	6.66	0.92	0.00
1,196.80	7.81	6.87	0.94	0.00
1,197.00	8.04	7.07	0.97	0.00
1,197.20	12.86	7.27	0.99	4.60
1,197.40	22.27	7.47	1.02	13.78
1,197.60	36.21	7.66	1.04	27.51
1,197.80	52.33	7.84	1.07	43.42
1,198.00	**71.29**	**8.02**	**1.09**	**62.18**

Stage-Area-Storage for Pond P3A: Pond 3A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,192.00	4,165	0
1,192.10	4,314	424
1,192.20	4,463	863
1,192.30	4,613	1,317
1,192.40	4,762	1,785
1,192.50	4,911	2,269
1,192.60	5,060	2,768
1,192.70	5,209	3,281
1,192.80	5,359	3,809
1,192.90	5,508	4,353
1,193.00	5,657	4,911
1,193.10	5,806	5,484
1,193.20	5,955	6,072
1,193.30	6,105	6,675
1,193.40	6,254	7,293
1,193.50	6,403	7,926
1,193.60	6,552	8,574
1,193.70	6,701	9,236
1,193.80	6,851	9,914
1,193.90	7,000	10,607
1,194.00	7,149	11,314
1,194.10	7,298	12,036
1,194.20	7,447	12,774
1,194.30	7,597	13,526
1,194.40	7,746	14,293
1,194.50	7,895	15,075
1,194.60	8,044	15,872
1,194.70	8,193	16,684
1,194.80	8,343	17,511
1,194.90	8,492	18,352
1,195.00	8,641	19,209
1,195.10	8,790	20,081
1,195.20	8,939	20,967
1,195.30	9,089	21,868
1,195.40	9,238	22,785
1,195.50	9,387	23,716
1,195.60	9,536	24,662
1,195.70	9,685	25,623
1,195.80	9,835	26,599
1,195.90	9,984	27,590
1,196.00	10,133	28,596
1,196.10	10,282	29,617
1,196.20	10,431	30,652
1,196.30	10,581	31,703
1,196.40	10,730	32,769
1,196.50	10,879	33,849
1,196.60	11,028	34,944
1,196.70	11,177	36,055
1,196.80	11,327	37,180
1,196.90	11,476	38,320
1,197.00	11,625	39,475
1,197.10	11,774	40,645
1,197.20	11,923	41,830
1,197.30	12,073	43,030
1,197.40	12,222	44,244
1,197.50	12,371	45,474
1,197.60	12,520	46,719
1,197.70	12,669	47,978
1,197.80	12,819	49,252
1,197.90	12,968	50,542
1,198.00	**13,117**	**51,846**

Summary for Pond P3B: Pond 3B

Inflow Area = 8.450 ac, 19.88% Impervious, Inflow Depth = 0.49" for 1 YR event
Inflow = 5.75 cfs @ 12.15 hrs, Volume= 0.346 af
Outflow = 0.53 cfs @ 13.52 hrs, Volume= 0.346 af, Atten= 91%, Lag= 82.3 min
Primary = 0.10 cfs @ 13.52 hrs, Volume= 0.017 af
Routed to Link 4L : Post - North
Secondary = 0.44 cfs @ 13.52 hrs, Volume= 0.329 af
Tertiary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,196.53' @ 13.52 hrs Surf.Area= 5,245 sf Storage= 6,156 cf

Plug-Flow detention time= 147.6 min calculated for 0.346 af (100% of inflow)
Center-of-Mass det. time= 147.6 min (1,016.9 - 869.3)

Volume	Invert	Avail.Storage	Storage Description
#1	1,195.00'	33,965 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

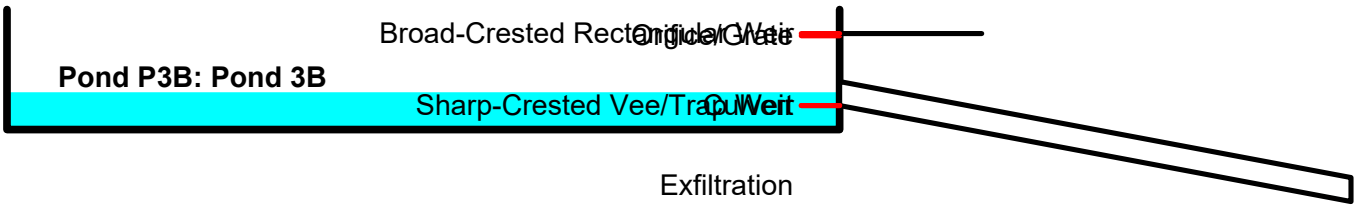
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,195.00	2,799	0	0
1,200.00	10,787	33,965	33,965

Device	Routing	Invert	Outlet Devices
#1	Primary	1,196.00'	**12.0" Round Culvert** L= 36.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,196.00' / 1,192.00' S= 0.1111 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,196.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,198.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Secondary	1,195.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,199.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

Primary OutFlow Max=0.10 cfs @ 13.52 hrs HW=1,196.53' (Free Discharge)
└**1=Culvert** (Passes 0.10 cfs of 1.05 cfs potential flow)
├**2=Sharp-Crested Vee/Trap Weir** (Weir Controls 0.10 cfs @ 1.96 fps)
└**3=Orifice/Grate** (Controls 0.00 cfs)

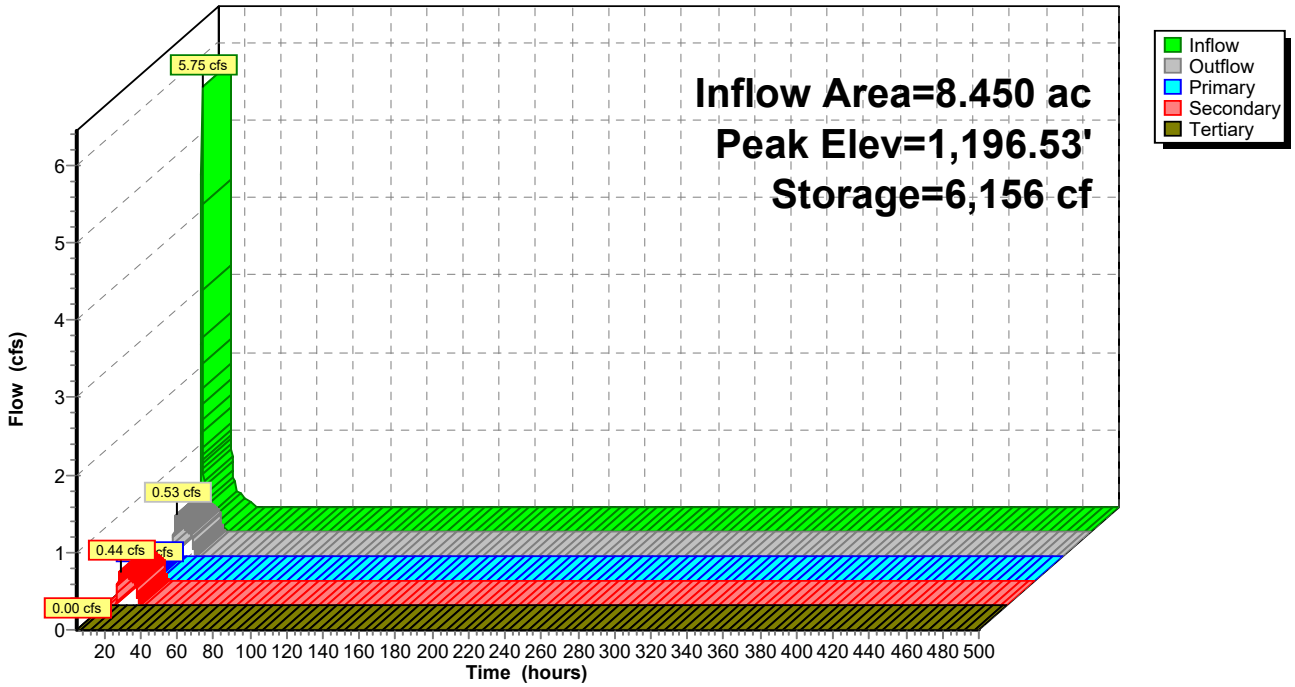
Secondary OutFlow Max=0.44 cfs @ 13.52 hrs HW=1,196.53' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.44 cfs)

Tertiary OutFlow Max=0.00 cfs @ 5.00 hrs HW=1,195.00' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)

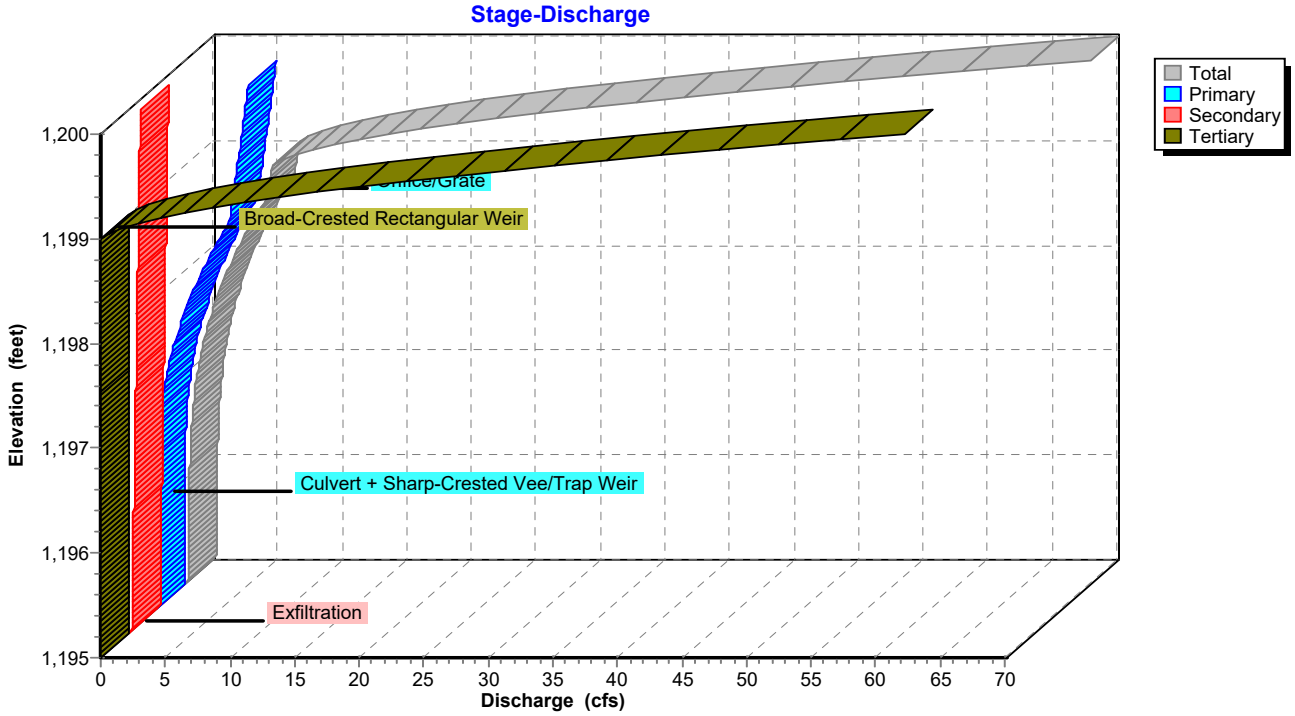


Pond P3B: Pond 3B

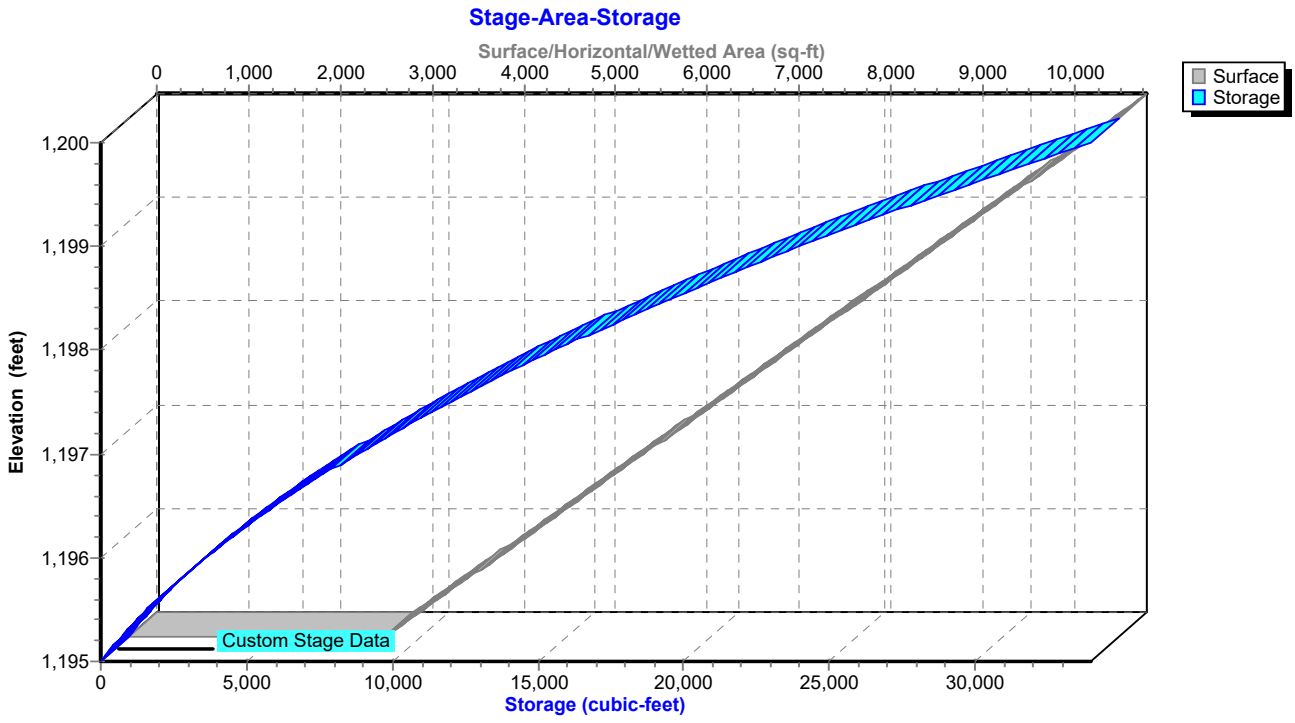
Hydrograph



Pond P3B: Pond 3B



Pond P3B: Pond 3B



Hydrograph for Pond P3B: Pond 3B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,195.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**0.33**	**5,427**	**1,196.39**	**0.46**	**0.04**	**0.42**	0.00
25.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
35.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P3B: Pond 3B

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,195.00	0.00	0.00	0.00	0.00
1,195.10	0.25	0.00	0.25	0.00
1,195.20	0.26	0.00	0.26	0.00
1,195.30	0.27	0.00	0.27	0.00
1,195.40	0.29	0.00	0.29	0.00
1,195.50	0.30	0.00	0.30	0.00
1,195.60	0.31	0.00	0.31	0.00
1,195.70	0.33	0.00	0.33	0.00
1,195.80	0.34	0.00	0.34	0.00
1,195.90	0.35	0.00	0.35	0.00
1,196.00	0.37	0.00	0.37	0.00
1,196.10	0.38	0.00	0.38	0.00
1,196.20	0.40	0.01	0.39	0.00
1,196.30	0.43	0.02	0.41	0.00
1,196.40	0.47	0.05	0.42	0.00
1,196.50	0.52	0.08	0.43	0.00
1,196.60	0.58	0.13	0.45	0.00
1,196.70	0.65	0.19	0.46	0.00
1,196.80	0.74	0.27	0.47	0.00
1,196.90	0.85	0.36	0.49	0.00
1,197.00	0.97	0.47	0.50	0.00
1,197.10	1.11	0.60	0.51	0.00
1,197.20	1.27	0.75	0.53	0.00
1,197.30	1.45	0.91	0.54	0.00
1,197.40	1.65	1.10	0.55	0.00
1,197.50	1.87	1.31	0.57	0.00
1,197.60	2.12	1.54	0.58	0.00
1,197.70	2.38	1.79	0.59	0.00
1,197.80	2.67	2.06	0.61	0.00
1,197.90	2.98	2.36	0.62	0.00
1,198.00	3.32	2.68	0.63	0.00
1,198.10	3.68	3.03	0.65	0.00
1,198.20	4.06	3.41	0.66	0.00
1,198.30	4.48	3.81	0.67	0.00
1,198.40	4.92	4.23	0.69	0.00
1,198.50	5.39	4.69	0.70	0.00
1,198.60	5.88	5.17	0.71	0.00
1,198.70	6.33	5.61	0.73	0.00
1,198.80	6.47	5.74	0.74	0.00
1,198.90	6.61	5.86	0.75	0.00
1,199.00	6.75	5.98	0.77	0.00
1,199.10	8.48	6.10	0.78	1.60
1,199.20	11.60	6.21	0.79	4.60
1,199.30	15.83	6.33	0.81	8.70
1,199.40	21.04	6.44	0.82	13.78
1,199.50	27.47	6.55	0.83	20.08
1,199.60	35.01	6.66	0.85	27.51
1,199.70	42.73	6.76	0.86	35.10
1,199.80	51.17	6.87	0.87	43.42
1,199.90	60.31	6.97	0.89	52.45
1,200.00	**70.15**	**7.07**	**0.90**	**62.18**

Stage-Area-Storage for Pond P3B: Pond 3B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,195.00	2,799	0
1,195.05	2,879	142
1,195.10	2,959	288
1,195.15	3,039	438
1,195.20	3,119	592
1,195.25	3,198	750
1,195.30	3,278	912
1,195.35	3,358	1,078
1,195.40	3,438	1,247
1,195.45	3,518	1,421
1,195.50	3,598	1,599
1,195.55	3,678	1,781
1,195.60	3,758	1,967
1,195.65	3,837	2,157
1,195.70	3,917	2,351
1,195.75	3,997	2,549
1,195.80	4,077	2,750
1,195.85	4,157	2,956
1,195.90	4,237	3,166
1,195.95	4,317	3,380
1,196.00	4,397	3,598
1,196.05	4,476	3,820
1,196.10	4,556	4,045
1,196.15	4,636	4,275
1,196.20	4,716	4,509
1,196.25	4,796	4,747
1,196.30	4,876	4,989
1,196.35	4,956	5,234
1,196.40	5,036	5,484
1,196.45	5,116	5,738
1,196.50	5,195	5,996
1,196.55	5,275	6,258
1,196.60	5,355	6,523
1,196.65	5,435	6,793
1,196.70	5,515	7,067
1,196.75	5,595	7,345
1,196.80	5,675	7,626
1,196.85	5,755	7,912
1,196.90	5,834	8,202
1,196.95	5,914	8,495
1,197.00	5,994	8,793
1,197.05	6,074	9,095
1,197.10	6,154	9,401
1,197.15	6,234	9,710
1,197.20	6,314	10,024
1,197.25	6,394	10,342
1,197.30	6,473	10,663
1,197.35	6,553	10,989
1,197.40	6,633	11,319
1,197.45	6,713	11,652
1,197.50	6,793	11,990
1,197.55	6,873	12,332
1,197.60	6,953	12,677
1,197.65	7,033	13,027
1,197.70	7,113	13,381
1,197.75	7,192	13,738
1,197.80	7,272	14,100
1,197.85	7,352	14,465
1,197.90	7,432	14,835
1,197.95	7,512	15,209
1,198.00	7,592	15,586
1,198.05	7,672	15,968
1,198.10	7,752	16,353
1,198.15	7,831	16,743
1,198.20	7,911	17,137
1,198.25	7,991	17,534
1,198.30	8,071	17,936
1,198.35	8,151	18,341
1,198.40	8,231	18,751
1,198.45	8,311	19,164
1,198.50	8,391	19,582
1,198.55	8,470	20,003
1,198.60	8,550	20,429
1,198.65	8,630	20,858
1,198.70	8,710	21,292
1,198.75	8,790	21,729
1,198.80	8,870	22,171
1,198.85	8,950	22,616
1,198.90	9,030	23,066
1,198.95	9,110	23,519
1,199.00	9,189	23,977
1,199.05	9,269	24,438
1,199.10	9,349	24,904
1,199.15	9,429	25,373
1,199.20	9,509	25,847
1,199.25	9,589	26,324
1,199.30	9,669	26,806
1,199.35	9,749	27,291
1,199.40	9,828	27,780
1,199.45	9,908	28,274
1,199.50	9,988	28,771
1,199.55	10,068	29,273
1,199.60	10,148	29,778
1,199.65	10,228	30,287
1,199.70	10,308	30,801
1,199.75	10,388	31,318
1,199.80	10,467	31,840
1,199.85	10,547	32,365
1,199.90	10,627	32,894
1,199.95	10,707	33,428
1,200.00	**10,787**	**33,965**

Summary for Pond P3C: Pond 3C

Inflow Area = 2.490 ac, 22.89% Impervious, Inflow Depth = 0.65" for 1 YR event
Inflow = 2.42 cfs @ 12.14 hrs, Volume= 0.135 af
Outflow = 0.23 cfs @ 13.33 hrs, Volume= 0.135 af, Atten= 90%, Lag= 71.5 min
Primary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af
Routed to Link 4L : Post - North
Secondary = 0.23 cfs @ 13.33 hrs, Volume= 0.135 af
Tertiary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,178.99' @ 13.33 hrs Surf.Area= 2,797 sf Storage= 2,322 cf

Plug-Flow detention time= 97.9 min calculated for 0.135 af (100% of inflow)
Center-of-Mass det. time= 97.9 min (952.3 - 854.5)

Volume	Invert	Avail.Storage	Storage Description
#1	1,178.00'	14,846 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

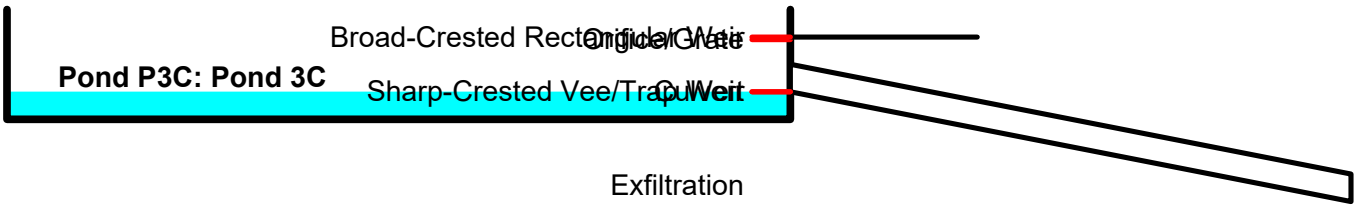
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,178.00	1,905	0	0
1,182.00	5,518	14,846	14,846

Device	Routing	Invert	Outlet Devices
#1	Primary	1,179.00'	**12.0" Round Culvert** L= 30.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,179.00' / 1,175.00' S= 0.1333 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,179.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,180.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Secondary	1,178.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,181.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

Primary OutFlow Max=0.00 cfs @ 5.00 hrs HW=1,178.00' (Free Discharge)
└**1=Culvert** (Controls 0.00 cfs)
└**2=Sharp-Crested Vee/Trap Weir** (Controls 0.00 cfs)
└**3=Orifice/Grate** (Controls 0.00 cfs)

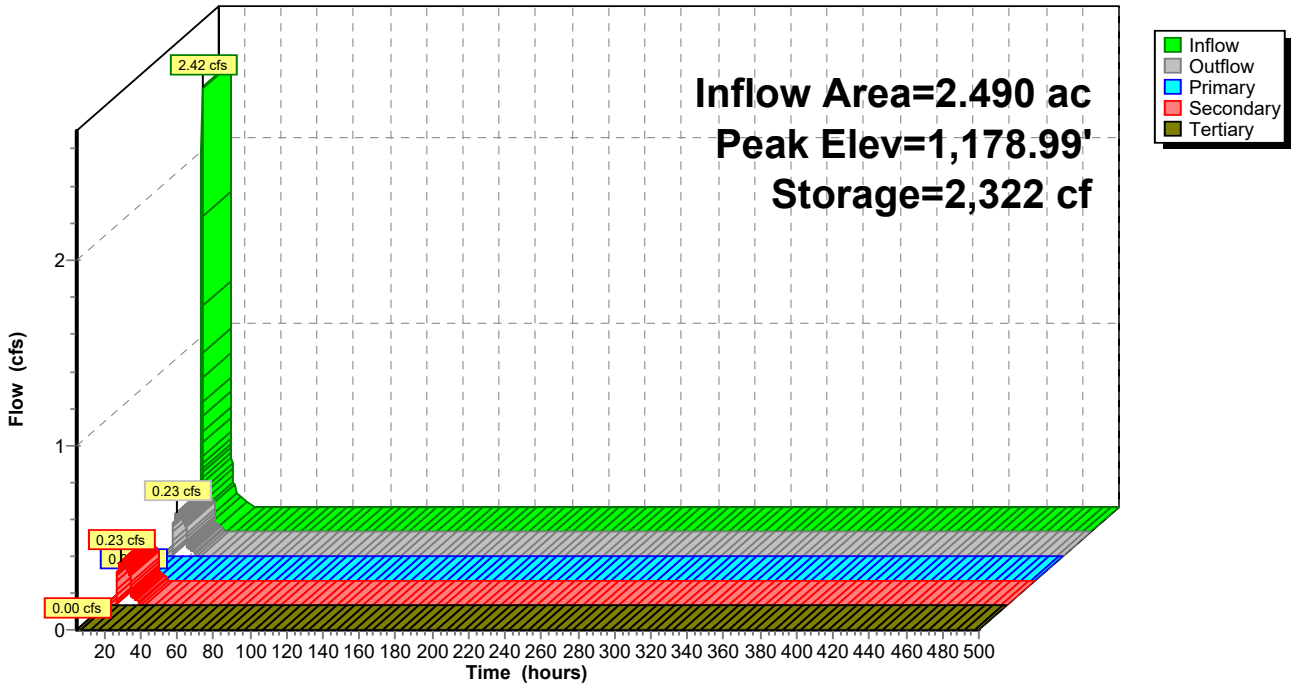
Secondary OutFlow Max=0.23 cfs @ 13.33 hrs HW=1,178.99' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.23 cfs)

Tertiary OutFlow Max=0.00 cfs @ 5.00 hrs HW=1,178.00' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)

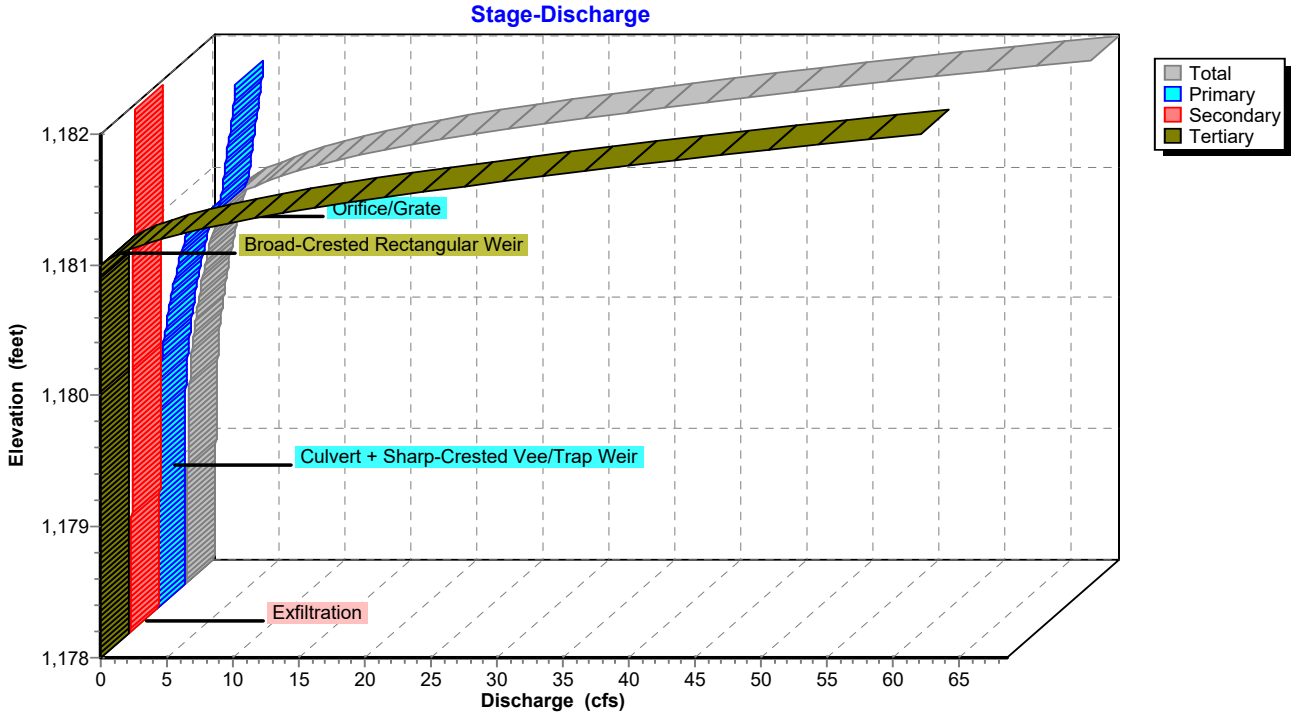


Pond P3C: Pond 3C

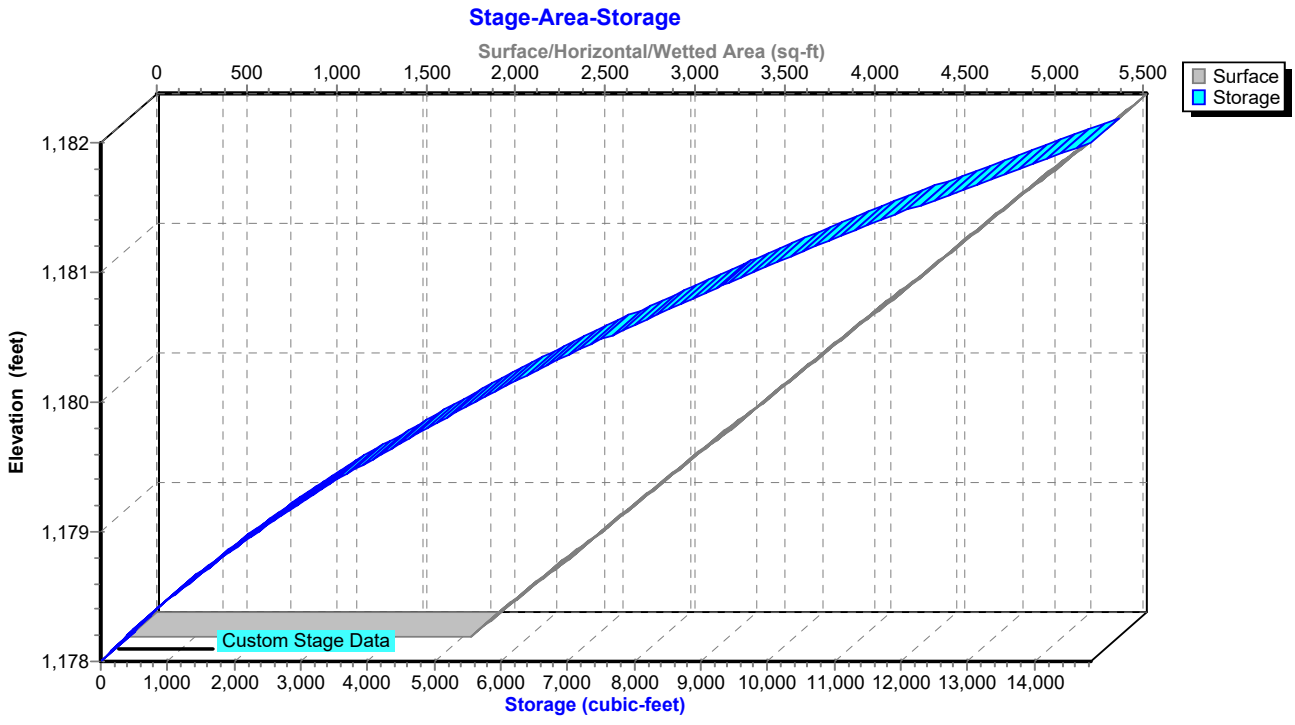
Hydrograph



Pond P3C: Pond 3C



Pond P3C: Pond 3C



Hydrograph for Pond P3C: Pond 3C

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,178.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**0.12**	**1,792**	**1,178.79**	**0.22**	0.00	**0.22**	0.00
25.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
35.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P3C: Pond 3C

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,178.00	0.00	0.00	0.00	0.00
1,178.10	0.17	0.00	0.17	0.00
1,178.20	0.17	0.00	0.17	0.00
1,178.30	0.18	0.00	0.18	0.00
1,178.40	0.19	0.00	0.19	0.00
1,178.50	0.20	0.00	0.20	0.00
1,178.60	0.20	0.00	0.20	0.00
1,178.70	0.21	0.00	0.21	0.00
1,178.80	0.22	0.00	0.22	0.00
1,178.90	0.23	0.00	0.23	0.00
1,179.00	0.23	0.00	0.23	0.00
1,179.10	0.24	0.00	0.24	0.00
1,179.20	0.26	0.01	0.25	0.00
1,179.30	0.28	0.02	0.26	0.00
1,179.40	0.31	0.05	0.26	0.00
1,179.50	0.36	0.08	0.27	0.00
1,179.60	0.41	0.13	0.28	0.00
1,179.70	0.48	0.19	0.29	0.00
1,179.80	0.57	0.27	0.29	0.00
1,179.90	0.67	0.36	0.30	0.00
1,180.00	0.78	0.47	0.31	0.00
1,180.10	0.92	0.60	0.32	0.00
1,180.20	1.07	0.75	0.32	0.00
1,180.30	1.25	0.91	0.33	0.00
1,180.40	1.44	1.10	0.34	0.00
1,180.50	1.65	1.31	0.35	0.00
1,180.60	1.89	1.54	0.35	0.00
1,180.70	2.15	1.79	0.36	0.00
1,180.80	2.43	2.06	0.37	0.00
1,180.90	2.74	2.36	0.38	0.00
1,181.00	4.10	3.72	0.38	0.00
1,181.10	6.78	4.78	0.39	1.60
1,181.20	9.93	4.93	0.40	4.60
1,181.30	14.18	5.07	0.41	8.70
1,181.40	19.41	5.21	0.41	13.78
1,181.50	25.85	5.35	0.42	20.08
1,181.60	33.42	5.48	0.43	27.51
1,181.70	41.15	5.61	0.44	35.10
1,181.80	49.60	5.74	0.44	43.42
1,181.90	58.76	5.86	0.45	52.45
1,182.00	**68.62**	**5.98**	**0.46**	**62.18**

Stage-Area-Storage for Pond P3C: Pond 3C

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,178.00	1,905	0
1,178.05	1,950	96
1,178.10	1,995	195
1,178.15	2,040	296
1,178.20	2,086	399
1,178.25	2,131	504
1,178.30	2,176	612
1,178.35	2,221	722
1,178.40	2,266	834
1,178.45	2,311	949
1,178.50	2,357	1,065
1,178.55	2,402	1,184
1,178.60	2,447	1,306
1,178.65	2,492	1,429
1,178.70	2,537	1,555
1,178.75	2,582	1,683
1,178.80	2,628	1,813
1,178.85	2,673	1,946
1,178.90	2,718	2,080
1,178.95	2,763	2,217
1,179.00	2,808	2,357
1,179.05	2,853	2,498
1,179.10	2,899	2,642
1,179.15	2,944	2,788
1,179.20	2,989	2,936
1,179.25	3,034	3,087
1,179.30	3,079	3,240
1,179.35	3,124	3,395
1,179.40	3,170	3,552
1,179.45	3,215	3,712
1,179.50	3,260	3,874
1,179.55	3,305	4,038
1,179.60	3,350	4,204
1,179.65	3,395	4,373
1,179.70	3,441	4,544
1,179.75	3,486	4,717
1,179.80	3,531	4,892
1,179.85	3,576	5,070
1,179.90	3,621	5,250
1,179.95	3,666	5,432
1,180.00	3,712	5,617
1,180.05	3,757	5,803
1,180.10	3,802	5,992
1,180.15	3,847	6,183
1,180.20	3,892	6,377
1,180.25	3,937	6,573
1,180.30	3,982	6,771
1,180.35	4,028	6,971
1,180.40	4,073	7,173
1,180.45	4,118	7,378
1,180.50	4,163	7,585
1,180.55	4,208	7,794
1,180.60	4,253	8,006
1,180.65	4,299	8,220
1,180.70	4,344	8,436
1,180.75	4,389	8,654
1,180.80	4,434	8,875
1,180.85	4,479	9,098
1,180.90	4,524	9,323
1,180.95	4,570	9,550
1,181.00	4,615	9,780
1,181.05	4,660	10,011
1,181.10	4,705	10,246
1,181.15	4,750	10,482
1,181.20	4,795	10,721
1,181.25	4,841	10,962
1,181.30	4,886	11,205
1,181.35	4,931	11,450
1,181.40	4,976	11,698
1,181.45	5,021	11,948
1,181.50	5,066	12,200
1,181.55	5,112	12,454
1,181.60	5,157	12,711
1,181.65	5,202	12,970
1,181.70	5,247	13,231
1,181.75	5,292	13,495
1,181.80	5,337	13,760
1,181.85	5,383	14,028
1,181.90	5,428	14,299
1,181.95	5,473	14,571
1,182.00	**5,518**	**14,846**

Summary for Pond P3D: Pond 3D

Inflow Area = 2.380 ac, 23.95% Impervious, Inflow Depth = 0.69" for 1 YR event
Inflow = 2.49 cfs @ 12.14 hrs, Volume= 0.138 af
Outflow = 0.37 cfs @ 12.65 hrs, Volume= 0.138 af, Atten= 85%, Lag= 30.7 min
Primary = 0.22 cfs @ 12.65 hrs, Volume= 0.031 af
Routed to Link 4L : Post - North
Secondary = 0.15 cfs @ 12.65 hrs, Volume= 0.107 af
Tertiary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,188.74' @ 12.65 hrs Surf.Area= 1,840 sf Storage= 2,240 cf

Plug-Flow detention time= 118.3 min calculated for 0.138 af (100% of inflow)
Center-of-Mass det. time= 118.3 min (969.4 - 851.1)

Volume	Invert	Avail.Storage	Storage Description
#1	1,187.00'	11,620 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

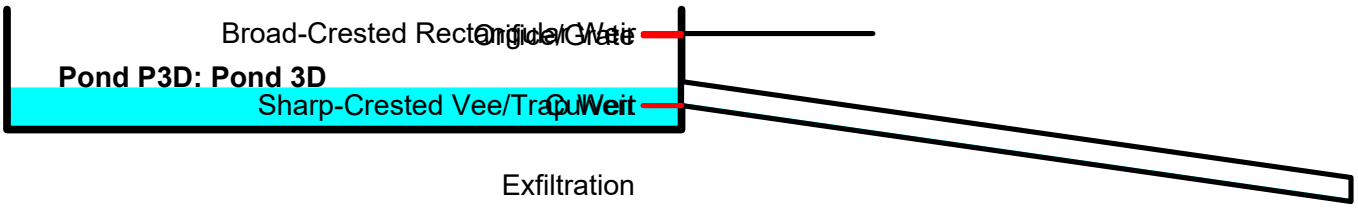
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,187.00	741	0	0
1,192.00	3,907	11,620	11,620

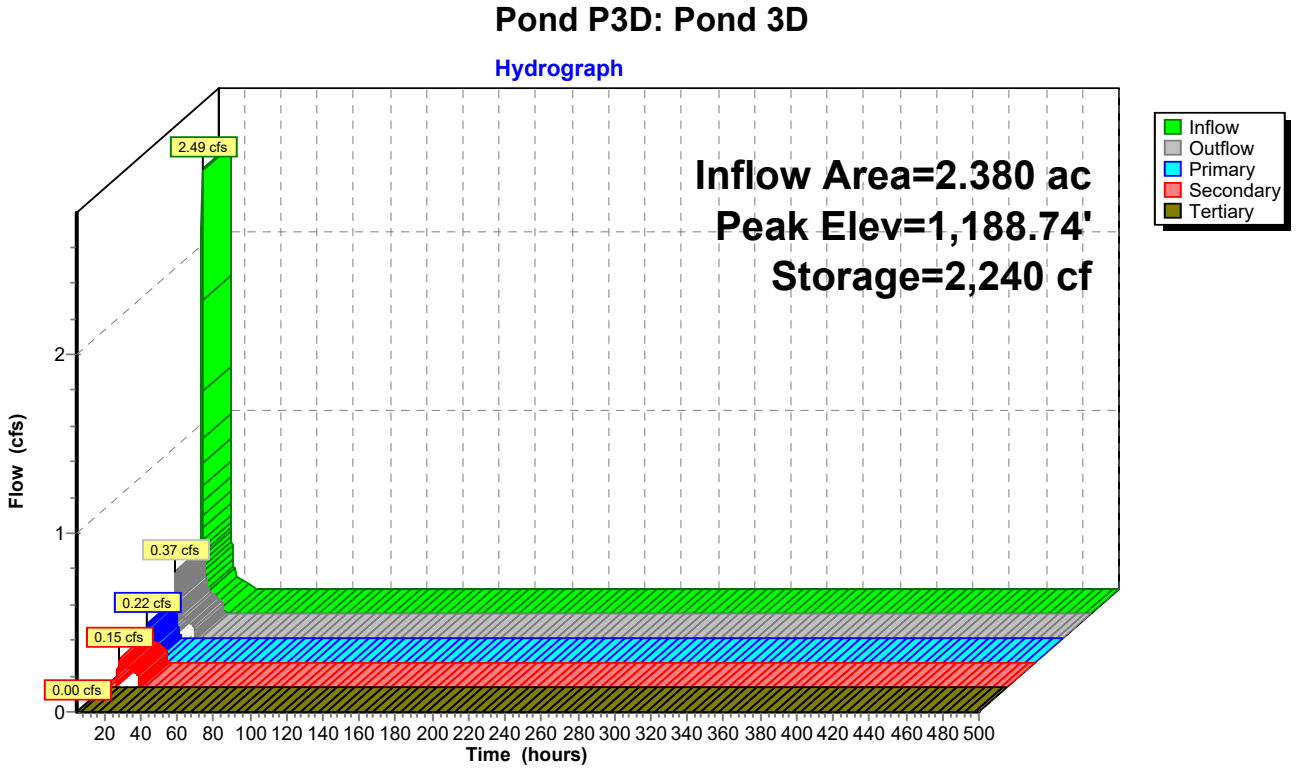
Device	Routing	Invert	Outlet Devices
#1	Primary	1,188.00'	**12.0" Round Culvert** L= 35.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,188.00' / 1,184.00' S= 0.1143 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,188.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,190.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600
#4	Secondary	1,187.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,191.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

Primary OutFlow Max=0.22 cfs @ 12.65 hrs HW=1,188.74' (Free Discharge)
└**1=Culvert** (Passes 0.22 cfs of 1.81 cfs potential flow)
└**2=Sharp-Crested Vee/Trap Weir** (Weir Controls 0.22 cfs @ 2.31 fps)
└**3=Orifice/Grate** (Controls 0.00 cfs)

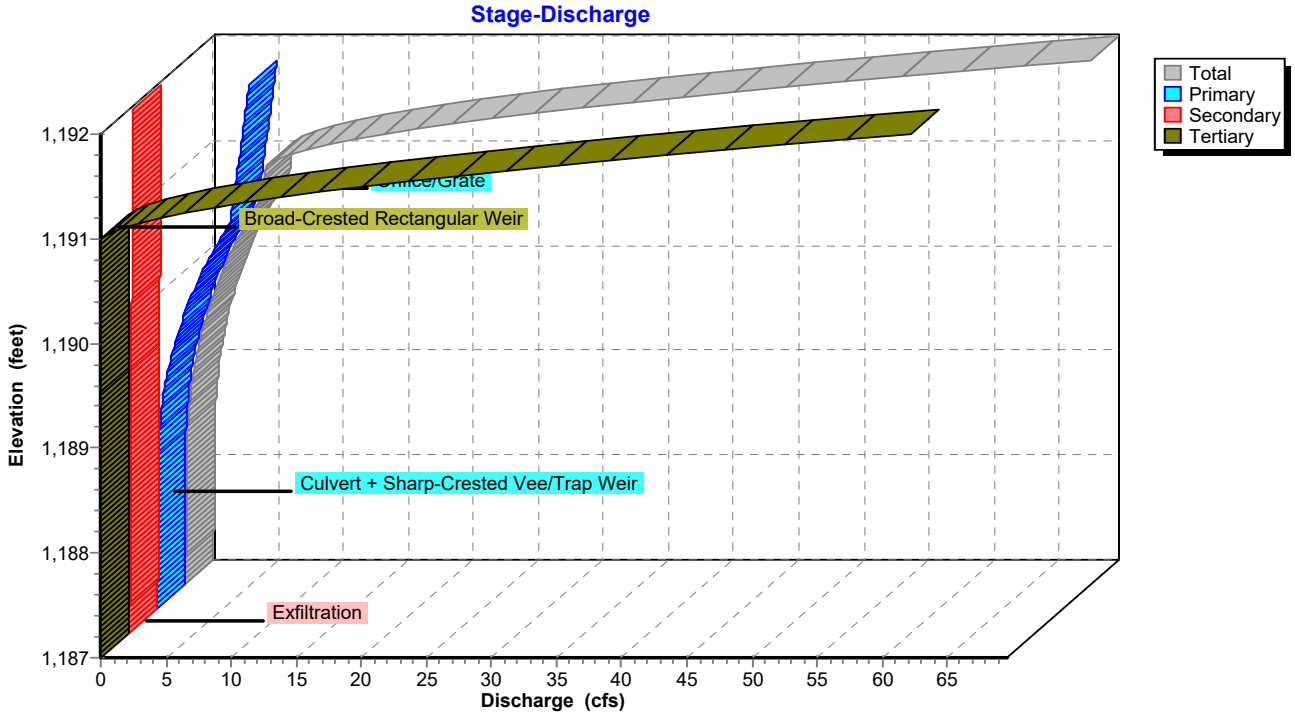
Secondary OutFlow Max=0.15 cfs @ 12.65 hrs HW=1,188.74' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.15 cfs)

Tertiary OutFlow Max=0.00 cfs @ 5.00 hrs HW=1,187.00' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)

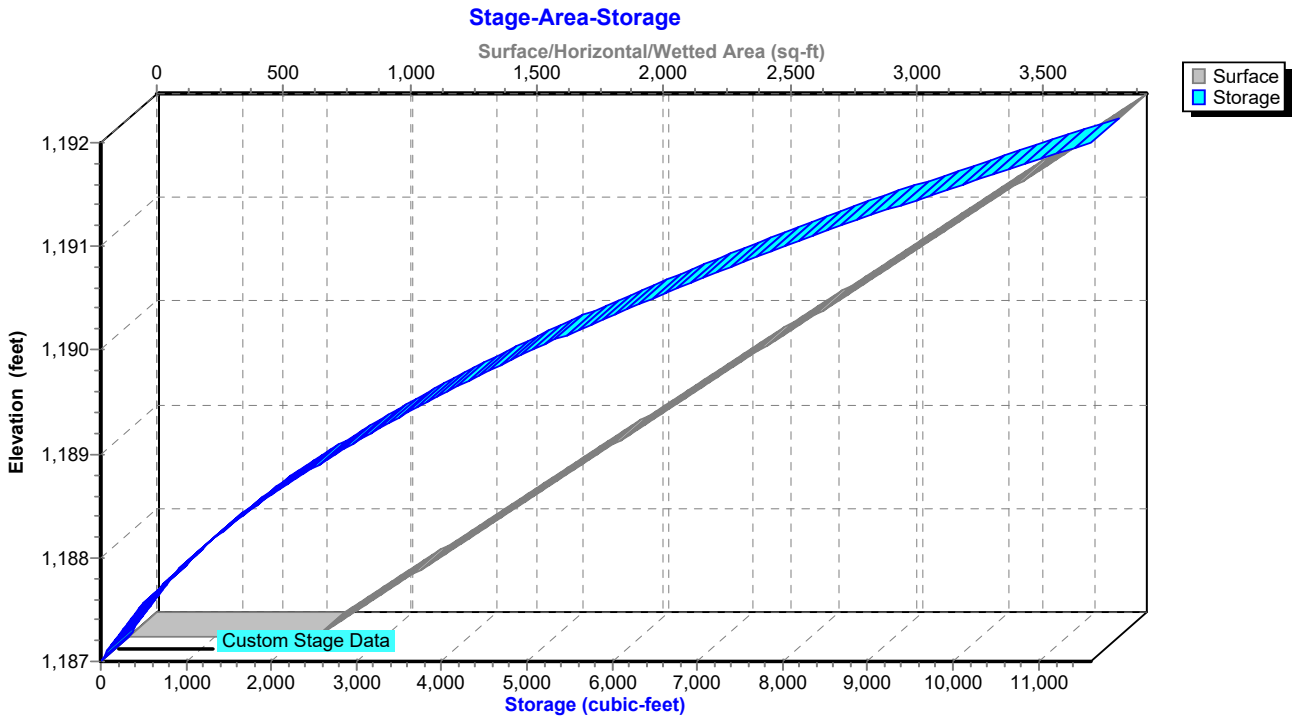

Broad-Crested Rectangular Weir
Orifice/Grate
Pond P3D: Pond 3D
Sharp-Crested Vee/Trap Weir
Exfiltration


Pond P3D: Pond 3D
Hydrograph
Inflow Area=2.380 ac
Peak Elev=1,188.74'
Storage=2,240 cf
Inflow
Outflow
Primary
Secondary
Tertiary
2.49 cfs
0.37 cfs
0.22 cfs
0.15 cfs
0.00 cfs
Flow (cfs)
0
1
2
20 40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460 480 500
Time (hours)

Pond P3D: Pond 3D



Pond P3D: Pond 3D



Hydrograph for Pond P3D: Pond 3D

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,187.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**0.12**	**1,584**	**1,188.35**	**0.17**	**0.04**	**0.13**	0.00
25.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
35.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P3D: Pond 3D

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,187.00	0.00	0.00	0.00	0.00
1,187.10	0.07	0.00	0.07	0.00
1,187.20	0.07	0.00	0.07	0.00
1,187.30	0.08	0.00	0.08	0.00
1,187.40	0.08	0.00	0.08	0.00
1,187.50	0.09	0.00	0.09	0.00
1,187.60	0.09	0.00	0.09	0.00
1,187.70	0.10	0.00	0.10	0.00
1,187.80	0.10	0.00	0.10	0.00
1,187.90	0.11	0.00	0.11	0.00
1,188.00	0.11	0.00	0.11	0.00
1,188.10	0.12	0.00	0.12	0.00
1,188.20	0.13	0.01	0.13	0.00
1,188.30	0.15	0.02	0.13	0.00
1,188.40	0.18	0.05	0.14	0.00
1,188.50	0.22	0.08	0.14	0.00
1,188.60	0.28	0.13	0.15	0.00
1,188.70	0.35	0.19	0.15	0.00
1,188.80	0.43	0.27	0.16	0.00
1,188.90	0.53	0.36	0.16	0.00
1,189.00	0.64	0.47	0.17	0.00
1,189.10	0.77	0.60	0.17	0.00
1,189.20	0.93	0.75	0.18	0.00
1,189.30	1.10	0.91	0.18	0.00
1,189.40	1.29	1.10	0.19	0.00
1,189.50	1.50	1.31	0.19	0.00
1,189.60	1.73	1.54	0.20	0.00
1,189.70	1.99	1.79	0.20	0.00
1,189.80	2.27	2.06	0.21	0.00
1,189.90	2.58	2.36	0.21	0.00
1,190.00	2.90	2.68	0.22	0.00
1,190.10	3.26	3.03	0.23	0.00
1,190.20	3.64	3.41	0.23	0.00
1,190.30	4.04	3.81	0.24	0.00
1,190.40	4.47	4.23	0.24	0.00
1,190.50	4.93	4.69	0.25	0.00
1,190.60	5.42	5.17	0.25	0.00
1,190.70	5.87	5.61	0.26	0.00
1,190.80	6.00	5.74	0.26	0.00
1,190.90	6.13	5.86	0.27	0.00
1,191.00	6.25	5.98	0.27	0.00
1,191.10	7.98	6.10	0.28	1.60
1,191.20	11.09	6.21	0.28	4.60
1,191.30	15.31	6.33	0.29	8.70
1,191.40	20.52	6.44	0.29	13.78
1,191.50	26.93	6.55	0.30	20.08
1,191.60	34.47	6.66	0.30	27.51
1,191.70	42.18	6.76	0.31	35.10
1,191.80	50.61	6.87	0.32	43.42
1,191.90	59.75	6.97	0.32	52.45
1,192.00	**69.58**	**7.07**	**0.33**	**62.18**

Stage-Area-Storage for Pond P3D: Pond 3D

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,187.00	741	0
1,187.05	773	38
1,187.10	804	77
1,187.15	836	118
1,187.20	868	161
1,187.25	899	205
1,187.30	931	251
1,187.35	963	298
1,187.40	994	347
1,187.45	1,026	398
1,187.50	1,058	450
1,187.55	1,089	503
1,187.60	1,121	559
1,187.65	1,153	615
1,187.70	1,184	674
1,187.75	1,216	734
1,187.80	1,248	795
1,187.85	1,279	859
1,187.90	1,311	923
1,187.95	1,343	990
1,188.00	1,374	1,058
1,188.05	1,406	1,127
1,188.10	1,438	1,198
1,188.15	1,469	1,271
1,188.20	1,501	1,345
1,188.25	1,533	1,421
1,188.30	1,564	1,498
1,188.35	1,596	1,577
1,188.40	1,627	1,658
1,188.45	1,659	1,740
1,188.50	1,691	1,824
1,188.55	1,722	1,909
1,188.60	1,754	1,996
1,188.65	1,786	2,085
1,188.70	1,817	2,175
1,188.75	1,849	2,266
1,188.80	1,881	2,360
1,188.85	1,912	2,454
1,188.90	1,944	2,551
1,188.95	1,976	2,649
1,189.00	2,007	2,748
1,189.05	2,039	2,850
1,189.10	2,071	2,952
1,189.15	2,102	3,057
1,189.20	2,134	3,163
1,189.25	2,166	3,270
1,189.30	2,197	3,379
1,189.35	2,229	3,490
1,189.40	2,261	3,602
1,189.45	2,292	3,716
1,189.50	2,324	3,831
1,189.55	2,356	3,948
1,189.60	2,387	4,067
1,189.65	2,419	4,187
1,189.70	2,451	4,309
1,189.75	2,482	4,432
1,189.80	2,514	4,557
1,189.85	2,546	4,683
1,189.90	2,577	4,812
1,189.95	2,609	4,941
1,190.00	2,641	5,072
1,190.05	2,672	5,205
1,190.10	2,704	5,340
1,190.15	2,736	5,476
1,190.20	2,767	5,613
1,190.25	2,799	5,752
1,190.30	2,831	5,893
1,190.35	2,862	6,035
1,190.40	2,894	6,179
1,190.45	2,926	6,325
1,190.50	2,957	6,472
1,190.55	2,989	6,621
1,190.60	3,021	6,771
1,190.65	3,052	6,923
1,190.70	3,084	7,076
1,190.75	3,116	7,231
1,190.80	3,147	7,388
1,190.85	3,179	7,546
1,190.90	3,210	7,705
1,190.95	3,242	7,867
1,191.00	3,274	8,030
1,191.05	3,305	8,194
1,191.10	3,337	8,360
1,191.15	3,369	8,528
1,191.20	3,400	8,697
1,191.25	3,432	8,868
1,191.30	3,464	9,040
1,191.35	3,495	9,214
1,191.40	3,527	9,390
1,191.45	3,559	9,567
1,191.50	3,590	9,746
1,191.55	3,622	9,926
1,191.60	3,654	10,108
1,191.65	3,685	10,291
1,191.70	3,717	10,476
1,191.75	3,749	10,663
1,191.80	3,780	10,851
1,191.85	3,812	11,041
1,191.90	3,844	11,232
1,191.95	3,875	11,425
1,192.00	**3,907**	**11,620**

Summary for Pond P3E: Pond 3E

Inflow Area = 2.780 ac, 19.06% Impervious, Inflow Depth = 0.61" for 1 YR event
Inflow = 2.49 cfs @ 12.14 hrs, Volume= 0.141 af
Outflow = 0.26 cfs @ 13.29 hrs, Volume= 0.141 af, Atten= 90%, Lag= 69.0 min
Primary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af
Routed to Link 4L : Post - North
Secondary = 0.26 cfs @ 13.29 hrs, Volume= 0.141 af
Tertiary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,216.82' @ 13.29 hrs Surf.Area= 3,080 sf Storage= 2,290 cf

Plug-Flow detention time= 82.8 min calculated for 0.141 af (100% of inflow)
Center-of-Mass det. time= 82.8 min (940.8 - 858.0)

Volume	Invert	Avail.Storage	Storage Description
#1	1,216.00'	15,578 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

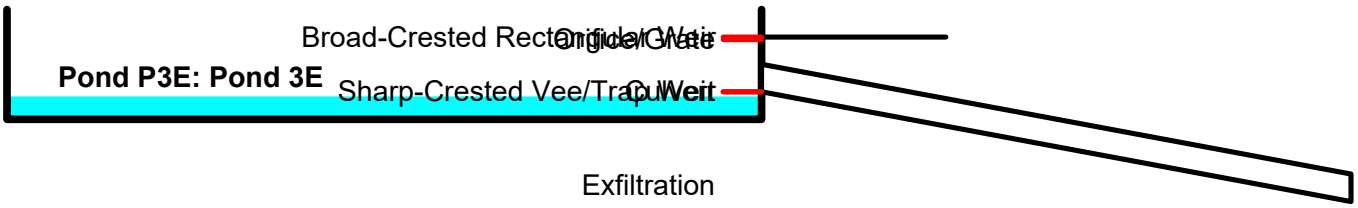
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,216.00	2,517	0	0
1,220.00	5,272	15,578	15,578

Device	Routing	Invert	Outlet Devices
#1	Primary	1,217.00'	**12.0" Round Culvert** L= 32.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,217.00' / 1,213.00' S= 0.1250 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,217.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,218.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600
#4	Secondary	1,216.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,219.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

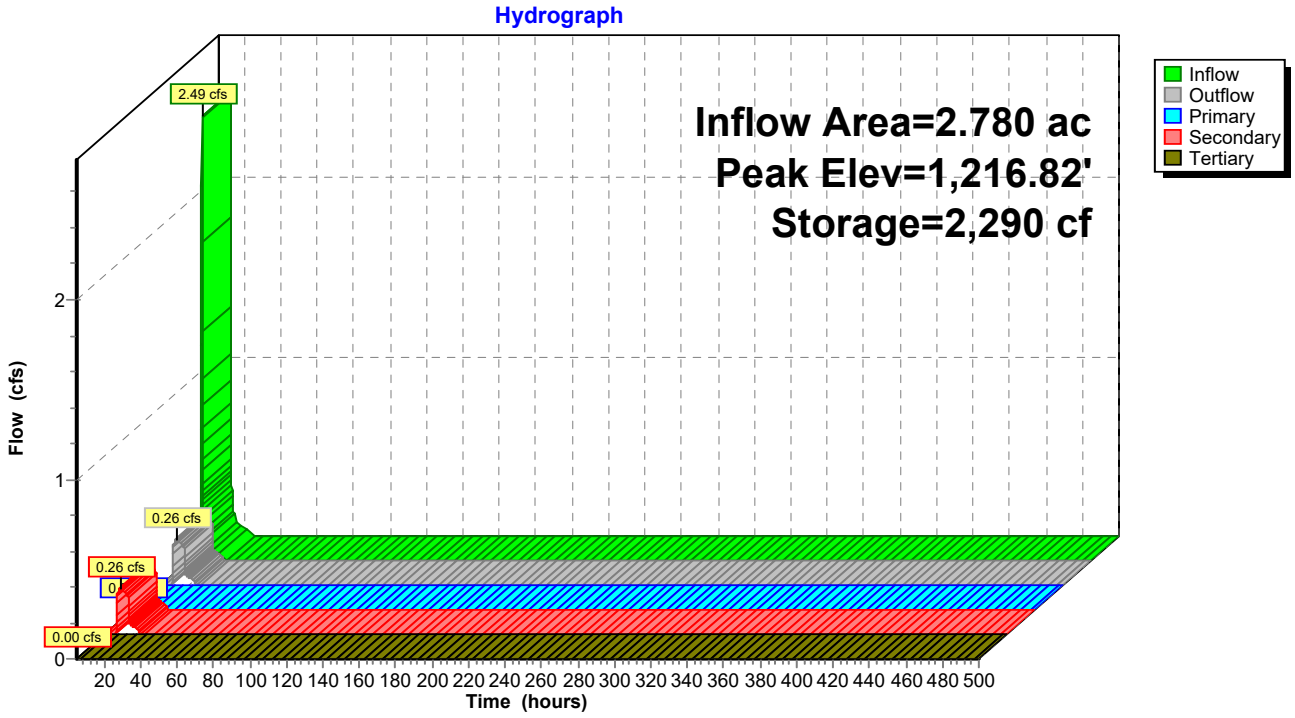
Primary OutFlow Max=0.00 cfs @ 5.00 hrs HW=1,216.00' (Free Discharge)
└**1=Culvert** (Controls 0.00 cfs)
└**2=Sharp-Crested Vee/Trap Weir** (Controls 0.00 cfs)
└**3=Orifice/Grate** (Controls 0.00 cfs)

Secondary OutFlow Max=0.26 cfs @ 13.29 hrs HW=1,216.82' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.26 cfs)

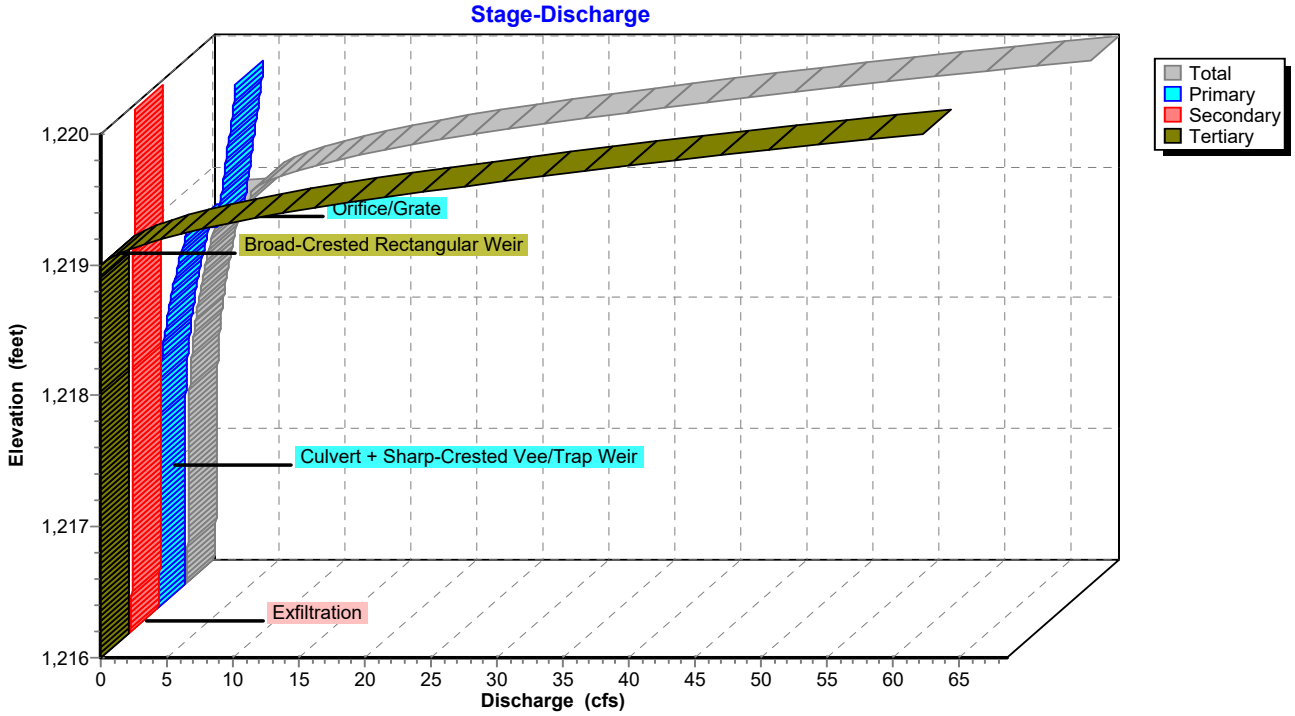
Tertiary OutFlow Max=0.00 cfs @ 5.00 hrs HW=1,216.00' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)



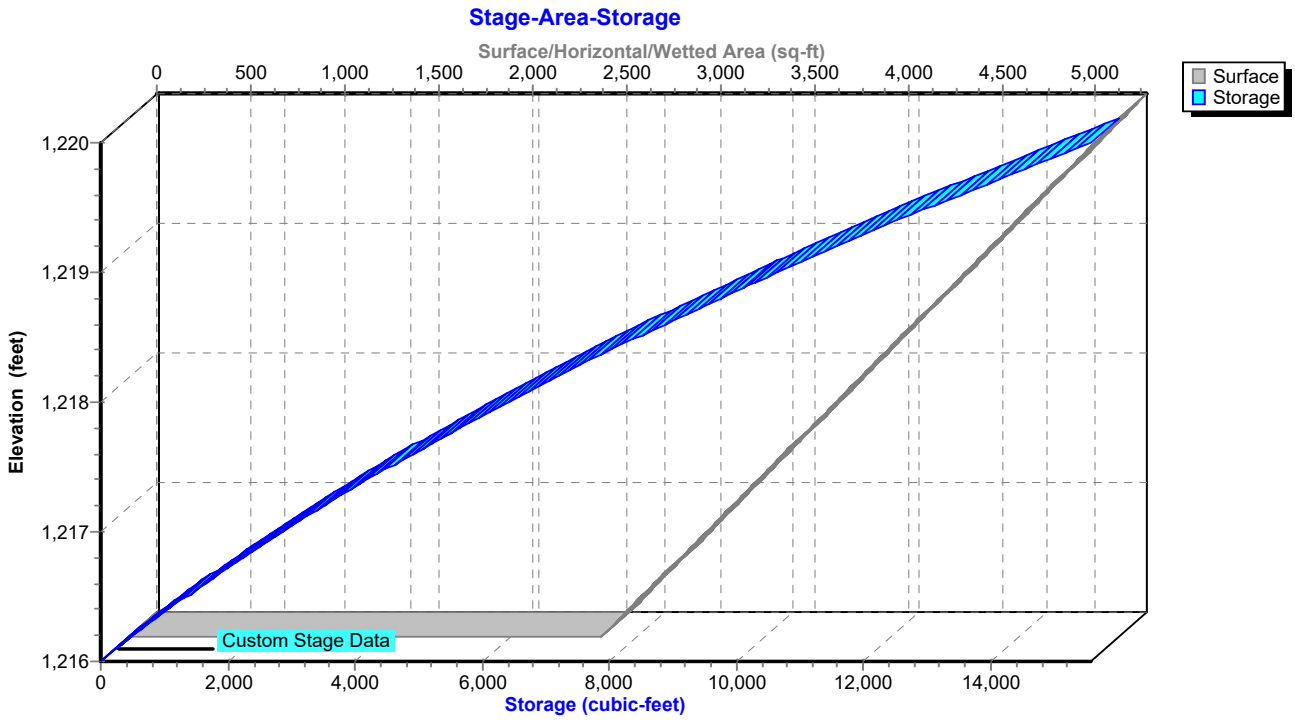
Pond P3E: Pond 3E



Pond P3E: Pond 3E



Pond P3E: Pond 3E



Hydrograph for Pond P3E: Pond 3E

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,216.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**0.13**	**1,665**	**1,216.61**	**0.24**	0.00	**0.24**	0.00
25.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
35.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P3E: Pond 3E

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,216.00	0.00	0.00	0.00	0.00
1,216.10	0.22	0.00	0.22	0.00
1,216.20	0.22	0.00	0.22	0.00
1,216.30	0.23	0.00	0.23	0.00
1,216.40	0.23	0.00	0.23	0.00
1,216.50	0.24	0.00	0.24	0.00
1,216.60	0.24	0.00	0.24	0.00
1,216.70	0.25	0.00	0.25	0.00
1,216.80	0.26	0.00	0.26	0.00
1,216.90	0.26	0.00	0.26	0.00
1,217.00	0.27	0.00	0.27	0.00
1,217.10	0.27	0.00	0.27	0.00
1,217.20	0.29	0.01	0.28	0.00
1,217.30	0.31	0.02	0.28	0.00
1,217.40	0.34	0.05	0.29	0.00
1,217.50	0.38	0.08	0.30	0.00
1,217.60	0.43	0.13	0.30	0.00
1,217.70	0.50	0.19	0.31	0.00
1,217.80	0.58	0.27	0.31	0.00
1,217.90	0.68	0.36	0.32	0.00
1,218.00	0.80	0.47	0.32	0.00
1,218.10	0.93	0.60	0.33	0.00
1,218.20	1.08	0.75	0.34	0.00
1,218.30	1.26	0.91	0.34	0.00
1,218.40	1.45	1.10	0.35	0.00
1,218.50	1.66	1.31	0.35	0.00
1,218.60	1.89	1.54	0.36	0.00
1,218.70	2.15	1.79	0.36	0.00
1,218.80	2.43	2.06	0.37	0.00
1,218.90	2.74	2.36	0.38	0.00
1,219.00	5.01	4.63	0.38	0.00
1,219.10	6.77	4.78	0.39	1.60
1,219.20	9.92	4.93	0.39	4.60
1,219.30	14.17	5.07	0.40	8.70
1,219.40	19.40	5.21	0.40	13.78
1,219.50	25.84	5.35	0.41	20.08
1,219.60	33.40	5.48	0.42	27.51
1,219.70	41.13	5.61	0.42	35.10
1,219.80	49.59	5.74	0.43	43.42
1,219.90	58.74	5.86	0.43	52.45
1,220.00	**68.59**	**5.98**	**0.44**	**62.18**

Stage-Area-Storage for Pond P3E: Pond 3E

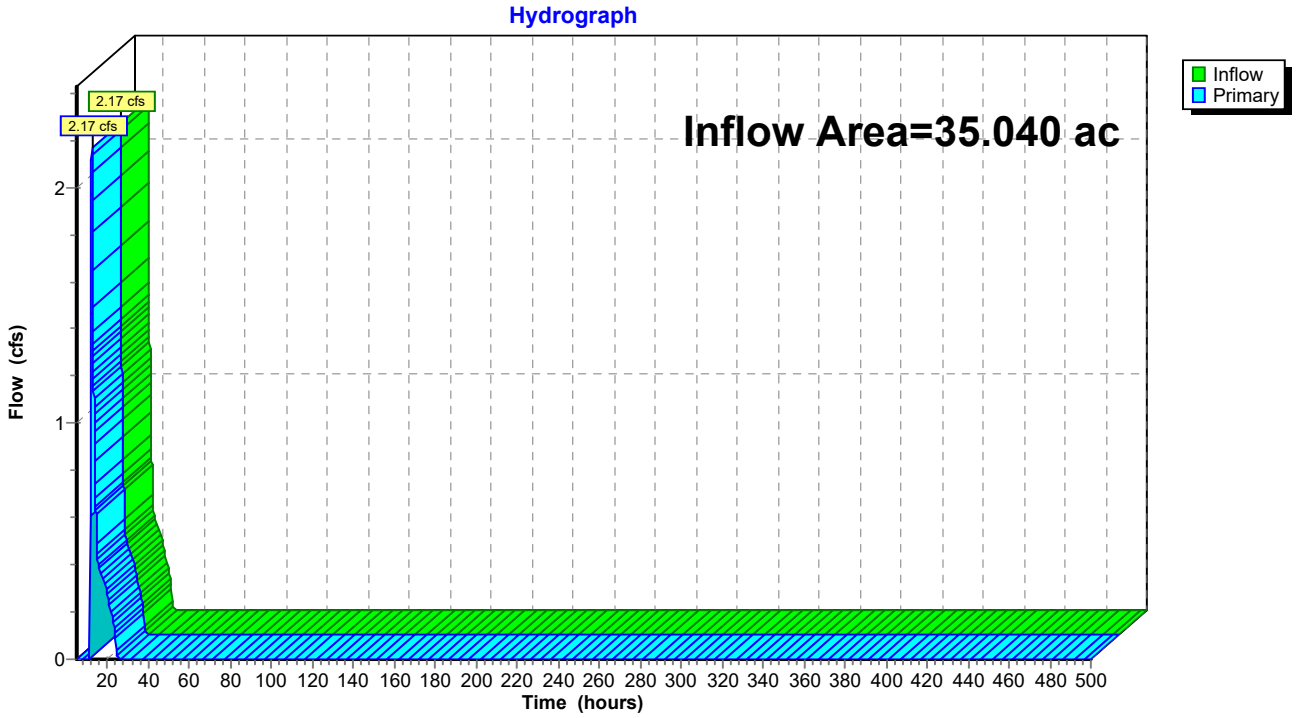
Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,216.00	2,517	0
1,216.05	2,551	127
1,216.10	2,586	255
1,216.15	2,620	385
1,216.20	2,655	517
1,216.25	2,689	651
1,216.30	2,724	786
1,216.35	2,758	923
1,216.40	2,793	1,062
1,216.45	2,827	1,202
1,216.50	2,861	1,345
1,216.55	2,896	1,489
1,216.60	2,930	1,634
1,216.65	2,965	1,782
1,216.70	2,999	1,931
1,216.75	3,034	2,081
1,216.80	3,068	2,234
1,216.85	3,102	2,388
1,216.90	3,137	2,544
1,216.95	3,171	2,702
1,217.00	3,206	2,861
1,217.05	3,240	3,023
1,217.10	3,275	3,185
1,217.15	3,309	3,350
1,217.20	3,344	3,516
1,217.25	3,378	3,684
1,217.30	3,412	3,854
1,217.35	3,447	4,026
1,217.40	3,481	4,199
1,217.45	3,516	4,374
1,217.50	3,550	4,550
1,217.55	3,585	4,729
1,217.60	3,619	4,909
1,217.65	3,653	5,091
1,217.70	3,688	5,274
1,217.75	3,722	5,459
1,217.80	3,757	5,646
1,217.85	3,791	5,835
1,217.90	3,826	6,025
1,217.95	3,860	6,218
1,218.00	3,895	6,412
1,218.05	3,929	6,607
1,218.10	3,963	6,804
1,218.15	3,998	7,003
1,218.20	4,032	7,204
1,218.25	4,067	7,407
1,218.30	4,101	7,611
1,218.35	4,136	7,817
1,218.40	4,170	8,024
1,218.45	4,204	8,234
1,218.50	4,239	8,445
1,218.55	4,273	8,658
1,218.60	4,308	8,872
1,218.65	4,342	9,088
1,218.70	4,377	9,306
1,218.75	4,411	9,526
1,218.80	4,445	9,747
1,218.85	4,480	9,971
1,218.90	4,514	10,195
1,218.95	4,549	10,422
1,219.00	4,583	10,650
1,219.05	4,618	10,880
1,219.10	4,652	11,112
1,219.15	4,687	11,346
1,219.20	4,721	11,581
1,219.25	4,755	11,818
1,219.30	4,790	12,056
1,219.35	4,824	12,297
1,219.40	4,859	12,539
1,219.45	4,893	12,783
1,219.50	4,928	13,028
1,219.55	4,962	13,275
1,219.60	4,996	13,524
1,219.65	5,031	13,775
1,219.70	5,065	14,027
1,219.75	5,100	14,282
1,219.80	5,134	14,537
1,219.85	5,169	14,795
1,219.90	5,203	15,054
1,219.95	5,238	15,315
1,220.00	**5,272**	**15,578**

Summary for Link 1L: Total Pre - Development

Inflow Area = 35.040 ac, 0.00% Impervious, Inflow Depth = 0.15" for 1 YR event
Inflow = 2.17 cfs @ 12.36 hrs, Volume= 0.451 af
Primary = 2.17 cfs @ 12.36 hrs, Volume= 0.451 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs

Link 1L: Total Pre - Development



Hydrograph for Link 1L: Total Pre - Development

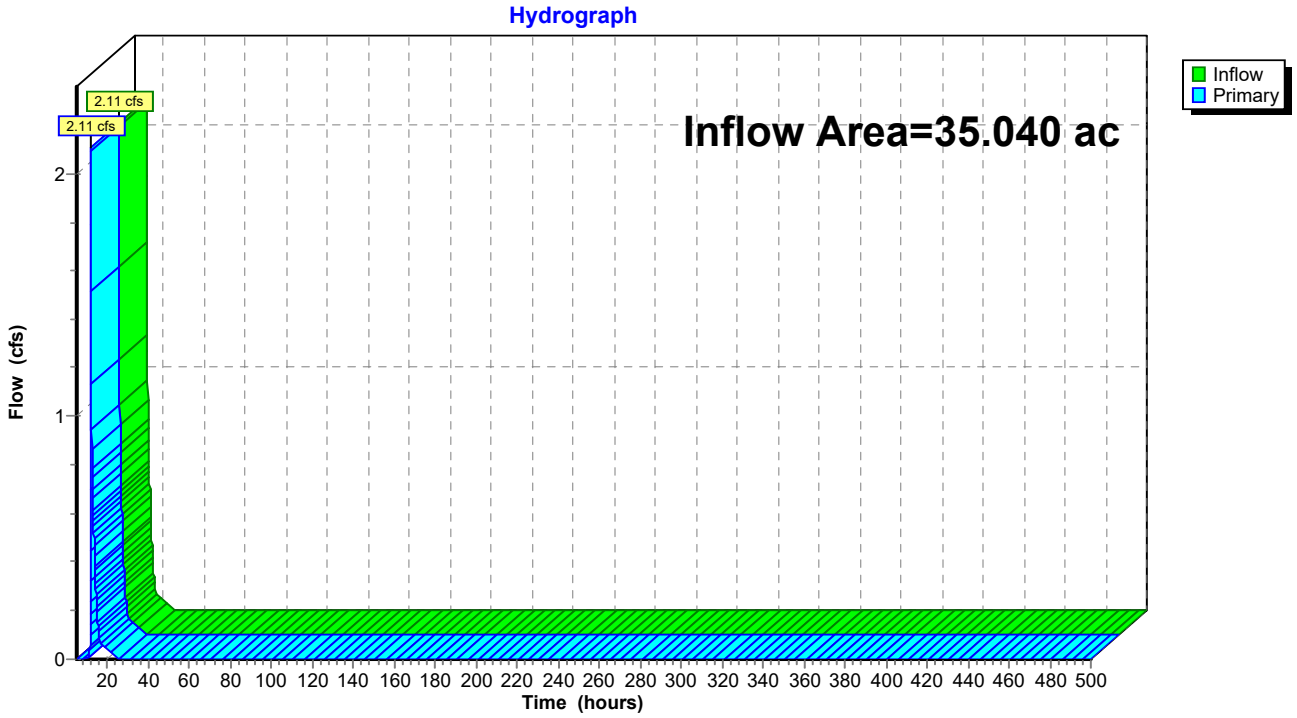
Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.00	0.00	**0.00**	0.00	260.00	0.00	0.00	0.00
10.00	**0.00**	0.00	**0.00**	265.00	0.00	0.00	0.00
15.00	**0.61**	0.00	**0.61**	270.00	0.00	0.00	0.00
20.00	0.27	0.00	0.27	275.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	280.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	285.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	290.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	295.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	300.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	305.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	310.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	315.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	320.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	325.00	0.00	0.00	0.00
75.00	0.00	0.00	0.00	330.00	0.00	0.00	0.00
80.00	0.00	0.00	0.00	335.00	0.00	0.00	0.00
85.00	0.00	0.00	0.00	340.00	0.00	0.00	0.00
90.00	0.00	0.00	0.00	345.00	0.00	0.00	0.00
95.00	0.00	0.00	0.00	350.00	0.00	0.00	0.00
100.00	0.00	0.00	0.00	355.00	0.00	0.00	0.00
105.00	0.00	0.00	0.00	360.00	0.00	0.00	0.00
110.00	0.00	0.00	0.00	365.00	0.00	0.00	0.00
115.00	0.00	0.00	0.00	370.00	0.00	0.00	0.00
120.00	0.00	0.00	0.00	375.00	0.00	0.00	0.00
125.00	0.00	0.00	0.00	380.00	0.00	0.00	0.00
130.00	0.00	0.00	0.00	385.00	0.00	0.00	0.00
135.00	0.00	0.00	0.00	390.00	0.00	0.00	0.00
140.00	0.00	0.00	0.00	395.00	0.00	0.00	0.00
145.00	0.00	0.00	0.00	400.00	0.00	0.00	0.00
150.00	0.00	0.00	0.00	405.00	0.00	0.00	0.00
155.00	0.00	0.00	0.00	410.00	0.00	0.00	0.00
160.00	0.00	0.00	0.00	415.00	0.00	0.00	0.00
165.00	0.00	0.00	0.00	420.00	0.00	0.00	0.00
170.00	0.00	0.00	0.00	425.00	0.00	0.00	0.00
175.00	0.00	0.00	0.00	430.00	0.00	0.00	0.00
180.00	0.00	0.00	0.00	435.00	0.00	0.00	0.00
185.00	0.00	0.00	0.00	440.00	0.00	0.00	0.00
190.00	0.00	0.00	0.00	445.00	0.00	0.00	0.00
195.00	0.00	0.00	0.00	450.00	0.00	0.00	0.00
200.00	0.00	0.00	0.00	455.00	0.00	0.00	0.00
205.00	0.00	0.00	0.00	460.00	0.00	0.00	0.00
210.00	0.00	0.00	0.00	465.00	0.00	0.00	0.00
215.00	0.00	0.00	0.00	470.00	0.00	0.00	0.00
220.00	0.00	0.00	0.00	475.00	0.00	0.00	0.00
225.00	0.00	0.00	0.00	480.00	0.00	0.00	0.00
230.00	0.00	0.00	0.00	485.00	0.00	0.00	0.00
235.00	0.00	0.00	0.00	490.00	0.00	0.00	0.00
240.00	0.00	0.00	0.00	495.00	0.00	0.00	0.00
245.00	0.00	0.00	0.00	500.00	0.00	0.00	0.00
250.00	0.00	0.00	0.00				
255.00	0.00	0.00	0.00				

Summary for Link 2L: Total Post - Development

Inflow Area = 35.040 ac, 19.66% Impervious, Inflow Depth = 0.06" for 1 YR event
Inflow = 2.11 cfs @ 12.14 hrs, Volume= 0.177 af
Primary = 2.11 cfs @ 12.14 hrs, Volume= 0.177 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs

Link 2L: Total Post - Development



Hydrograph for Link 2L: Total Post - Development

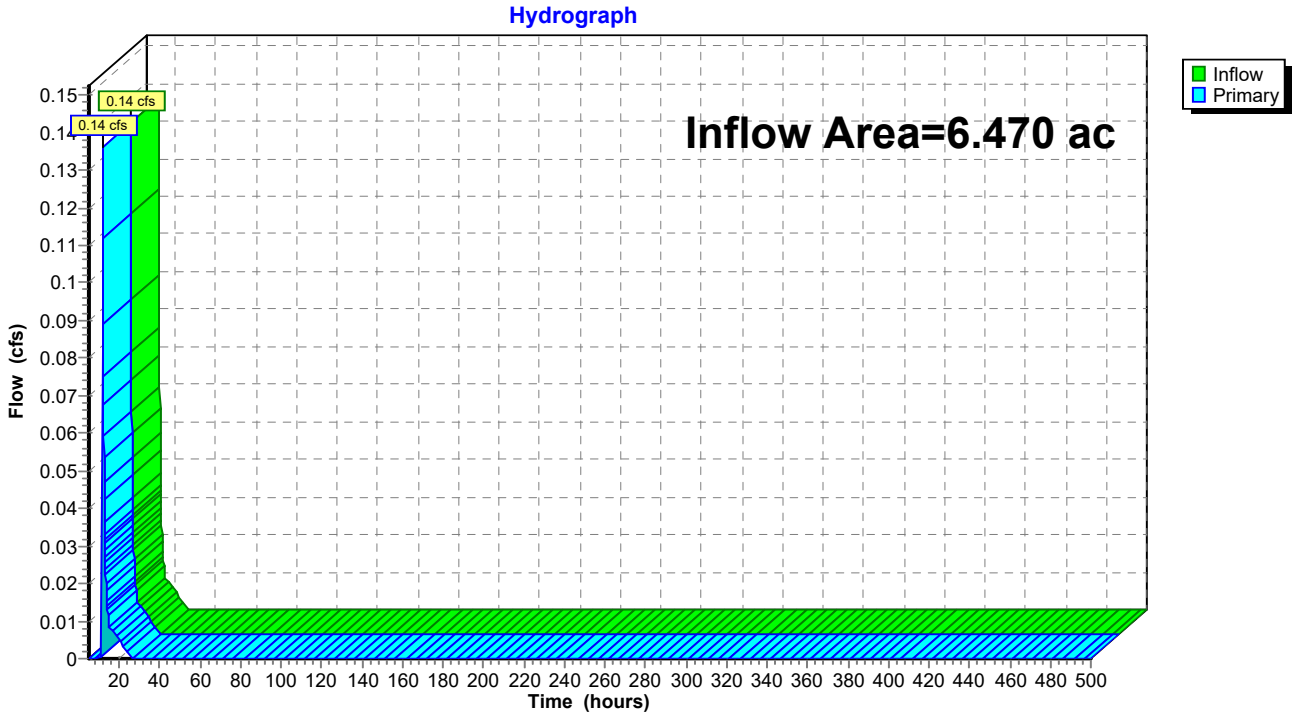
Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.00	0.00	**0.00**	0.00	260.00	0.00	0.00	0.00
10.00	**0.00**	0.00	**0.00**	265.00	0.00	0.00	0.00
15.00	**0.20**	0.00	**0.20**	270.00	0.00	0.00	0.00
20.00	0.04	0.00	0.04	275.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	280.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	285.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	290.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	295.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	300.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	305.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	310.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	315.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	320.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	325.00	0.00	0.00	0.00
75.00	0.00	0.00	0.00	330.00	0.00	0.00	0.00
80.00	0.00	0.00	0.00	335.00	0.00	0.00	0.00
85.00	0.00	0.00	0.00	340.00	0.00	0.00	0.00
90.00	0.00	0.00	0.00	345.00	0.00	0.00	0.00
95.00	0.00	0.00	0.00	350.00	0.00	0.00	0.00
100.00	0.00	0.00	0.00	355.00	0.00	0.00	0.00
105.00	0.00	0.00	0.00	360.00	0.00	0.00	0.00
110.00	0.00	0.00	0.00	365.00	0.00	0.00	0.00
115.00	0.00	0.00	0.00	370.00	0.00	0.00	0.00
120.00	0.00	0.00	0.00	375.00	0.00	0.00	0.00
125.00	0.00	0.00	0.00	380.00	0.00	0.00	0.00
130.00	0.00	0.00	0.00	385.00	0.00	0.00	0.00
135.00	0.00	0.00	0.00	390.00	0.00	0.00	0.00
140.00	0.00	0.00	0.00	395.00	0.00	0.00	0.00
145.00	0.00	0.00	0.00	400.00	0.00	0.00	0.00
150.00	0.00	0.00	0.00	405.00	0.00	0.00	0.00
155.00	0.00	0.00	0.00	410.00	0.00	0.00	0.00
160.00	0.00	0.00	0.00	415.00	0.00	0.00	0.00
165.00	0.00	0.00	0.00	420.00	0.00	0.00	0.00
170.00	0.00	0.00	0.00	425.00	0.00	0.00	0.00
175.00	0.00	0.00	0.00	430.00	0.00	0.00	0.00
180.00	0.00	0.00	0.00	435.00	0.00	0.00	0.00
185.00	0.00	0.00	0.00	440.00	0.00	0.00	0.00
190.00	0.00	0.00	0.00	445.00	0.00	0.00	0.00
195.00	0.00	0.00	0.00	450.00	0.00	0.00	0.00
200.00	0.00	0.00	0.00	455.00	0.00	0.00	0.00
205.00	0.00	0.00	0.00	460.00	0.00	0.00	0.00
210.00	0.00	0.00	0.00	465.00	0.00	0.00	0.00
215.00	0.00	0.00	0.00	470.00	0.00	0.00	0.00
220.00	0.00	0.00	0.00	475.00	0.00	0.00	0.00
225.00	0.00	0.00	0.00	480.00	0.00	0.00	0.00
230.00	0.00	0.00	0.00	485.00	0.00	0.00	0.00
235.00	0.00	0.00	0.00	490.00	0.00	0.00	0.00
240.00	0.00	0.00	0.00	495.00	0.00	0.00	0.00
245.00	0.00	0.00	0.00	500.00	0.00	0.00	0.00
250.00	0.00	0.00	0.00				
255.00	0.00	0.00	0.00				

Summary for Link 3L: Post - South

Inflow Area = 6.470 ac, 18.70% Impervious, Inflow Depth = 0.02" for 1 YR event
Inflow = 0.14 cfs @ 12.16 hrs, Volume= 0.011 af
Primary = 0.14 cfs @ 12.16 hrs, Volume= 0.011 af, Atten= 0%, Lag= 0.0 min
Routed to Link 2L : Total Post - Development

Primary outflow = Inflow, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs

Link 3L: Post - South



Hydrograph for Link 3L: Post - South

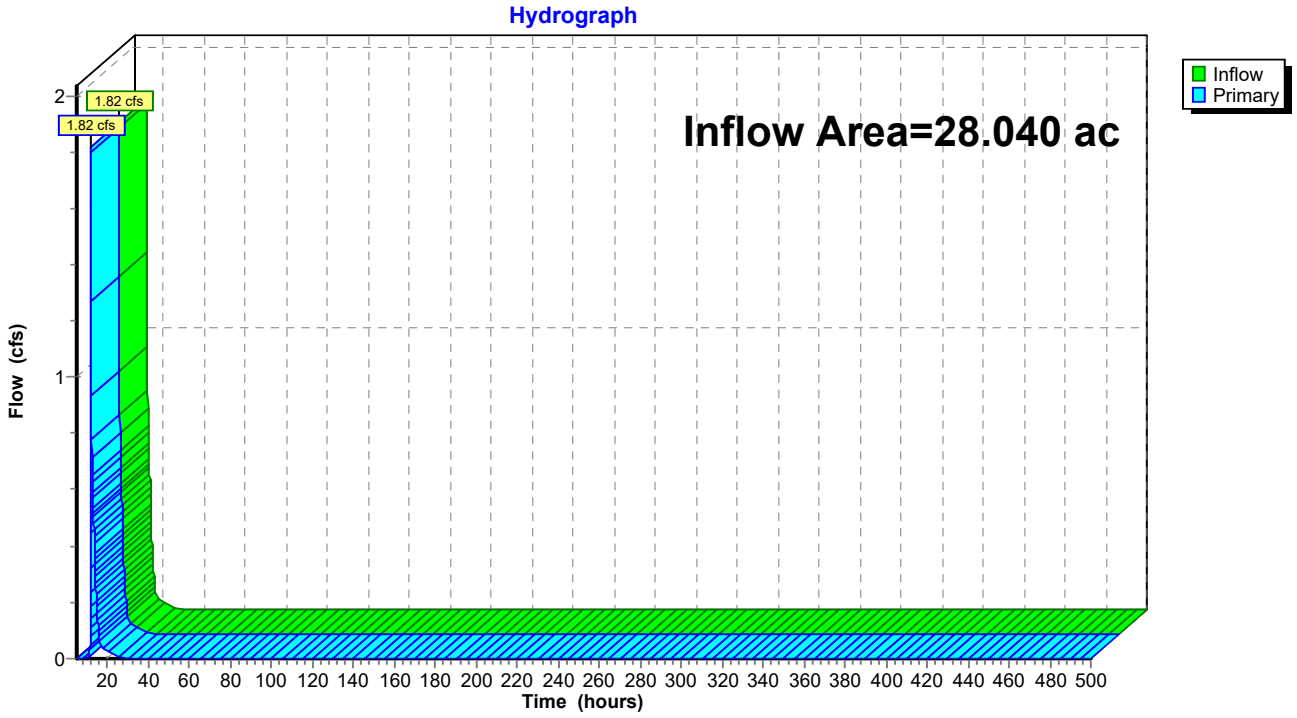
Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.00	0.00	**0.00**	0.00	260.00	0.00	0.00	0.00
10.00	**0.00**	0.00	**0.00**	265.00	0.00	0.00	0.00
15.00	**0.01**	0.00	**0.01**	270.00	0.00	0.00	0.00
20.00	0.01	0.00	0.01	275.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	280.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	285.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	290.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	295.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	300.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	305.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	310.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	315.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	320.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	325.00	0.00	0.00	0.00
75.00	0.00	0.00	0.00	330.00	0.00	0.00	0.00
80.00	0.00	0.00	0.00	335.00	0.00	0.00	0.00
85.00	0.00	0.00	0.00	340.00	0.00	0.00	0.00
90.00	0.00	0.00	0.00	345.00	0.00	0.00	0.00
95.00	0.00	0.00	0.00	350.00	0.00	0.00	0.00
100.00	0.00	0.00	0.00	355.00	0.00	0.00	0.00
105.00	0.00	0.00	0.00	360.00	0.00	0.00	0.00
110.00	0.00	0.00	0.00	365.00	0.00	0.00	0.00
115.00	0.00	0.00	0.00	370.00	0.00	0.00	0.00
120.00	0.00	0.00	0.00	375.00	0.00	0.00	0.00
125.00	0.00	0.00	0.00	380.00	0.00	0.00	0.00
130.00	0.00	0.00	0.00	385.00	0.00	0.00	0.00
135.00	0.00	0.00	0.00	390.00	0.00	0.00	0.00
140.00	0.00	0.00	0.00	395.00	0.00	0.00	0.00
145.00	0.00	0.00	0.00	400.00	0.00	0.00	0.00
150.00	0.00	0.00	0.00	405.00	0.00	0.00	0.00
155.00	0.00	0.00	0.00	410.00	0.00	0.00	0.00
160.00	0.00	0.00	0.00	415.00	0.00	0.00	0.00
165.00	0.00	0.00	0.00	420.00	0.00	0.00	0.00
170.00	0.00	0.00	0.00	425.00	0.00	0.00	0.00
175.00	0.00	0.00	0.00	430.00	0.00	0.00	0.00
180.00	0.00	0.00	0.00	435.00	0.00	0.00	0.00
185.00	0.00	0.00	0.00	440.00	0.00	0.00	0.00
190.00	0.00	0.00	0.00	445.00	0.00	0.00	0.00
195.00	0.00	0.00	0.00	450.00	0.00	0.00	0.00
200.00	0.00	0.00	0.00	455.00	0.00	0.00	0.00
205.00	0.00	0.00	0.00	460.00	0.00	0.00	0.00
210.00	0.00	0.00	0.00	465.00	0.00	0.00	0.00
215.00	0.00	0.00	0.00	470.00	0.00	0.00	0.00
220.00	0.00	0.00	0.00	475.00	0.00	0.00	0.00
225.00	0.00	0.00	0.00	480.00	0.00	0.00	0.00
230.00	0.00	0.00	0.00	485.00	0.00	0.00	0.00
235.00	0.00	0.00	0.00	490.00	0.00	0.00	0.00
240.00	0.00	0.00	0.00	495.00	0.00	0.00	0.00
245.00	0.00	0.00	0.00	500.00	0.00	0.00	0.00
250.00	0.00	0.00	0.00				
255.00	0.00	0.00	0.00				

Summary for Link 4L: Post - North

Inflow Area = 28.040 ac, 20.04% Impervious, Inflow Depth = 0.07" for 1 YR event
Inflow = 1.82 cfs @ 12.14 hrs, Volume= 0.153 af
Primary = 1.82 cfs @ 12.14 hrs, Volume= 0.153 af, Atten= 0%, Lag= 0.0 min
Routed to Link 2L : Total Post - Development

Primary outflow = Inflow, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs

Link 4L: Post - North



Hydrograph for Link 4L: Post - North

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.00	0.00	**0.00**	0.00	260.00	0.00	0.00	0.00
10.00	**0.00**	0.00	**0.00**	265.00	0.00	0.00	0.00
15.00	**0.17**	0.00	**0.17**	270.00	0.00	0.00	0.00
20.00	0.03	0.00	0.03	275.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	280.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	285.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	290.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	295.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	300.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	305.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	310.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	315.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	320.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	325.00	0.00	0.00	0.00
75.00	0.00	0.00	0.00	330.00	0.00	0.00	0.00
80.00	0.00	0.00	0.00	335.00	0.00	0.00	0.00
85.00	0.00	0.00	0.00	340.00	0.00	0.00	0.00
90.00	0.00	0.00	0.00	345.00	0.00	0.00	0.00
95.00	0.00	0.00	0.00	350.00	0.00	0.00	0.00
100.00	0.00	0.00	0.00	355.00	0.00	0.00	0.00
105.00	0.00	0.00	0.00	360.00	0.00	0.00	0.00
110.00	0.00	0.00	0.00	365.00	0.00	0.00	0.00
115.00	0.00	0.00	0.00	370.00	0.00	0.00	0.00
120.00	0.00	0.00	0.00	375.00	0.00	0.00	0.00
125.00	0.00	0.00	0.00	380.00	0.00	0.00	0.00
130.00	0.00	0.00	0.00	385.00	0.00	0.00	0.00
135.00	0.00	0.00	0.00	390.00	0.00	0.00	0.00
140.00	0.00	0.00	0.00	395.00	0.00	0.00	0.00
145.00	0.00	0.00	0.00	400.00	0.00	0.00	0.00
150.00	0.00	0.00	0.00	405.00	0.00	0.00	0.00
155.00	0.00	0.00	0.00	410.00	0.00	0.00	0.00
160.00	0.00	0.00	0.00	415.00	0.00	0.00	0.00
165.00	0.00	0.00	0.00	420.00	0.00	0.00	0.00
170.00	0.00	0.00	0.00	425.00	0.00	0.00	0.00
175.00	0.00	0.00	0.00	430.00	0.00	0.00	0.00
180.00	0.00	0.00	0.00	435.00	0.00	0.00	0.00
185.00	0.00	0.00	0.00	440.00	0.00	0.00	0.00
190.00	0.00	0.00	0.00	445.00	0.00	0.00	0.00
195.00	0.00	0.00	0.00	450.00	0.00	0.00	0.00
200.00	0.00	0.00	0.00	455.00	0.00	0.00	0.00
205.00	0.00	0.00	0.00	460.00	0.00	0.00	0.00
210.00	0.00	0.00	0.00	465.00	0.00	0.00	0.00
215.00	0.00	0.00	0.00	470.00	0.00	0.00	0.00
220.00	0.00	0.00	0.00	475.00	0.00	0.00	0.00
225.00	0.00	0.00	0.00	480.00	0.00	0.00	0.00
230.00	0.00	0.00	0.00	485.00	0.00	0.00	0.00
235.00	0.00	0.00	0.00	490.00	0.00	0.00	0.00
240.00	0.00	0.00	0.00	495.00	0.00	0.00	0.00
245.00	0.00	0.00	0.00	500.00	0.00	0.00	0.00
250.00	0.00	0.00	0.00				
255.00	0.00	0.00	0.00				

Time span=5.00-500.00 hrs, dt=0.05 hrs, 9901 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment1: Pre - South Runoff Area=4.910 ac 0.00% Impervious Runoff Depth=0.17"
Tc=10.0 min CN=55 Runoff=0.31 cfs 0.069 af

Subcatchment1A: Post 1A Runoff Area=6.030 ac 19.24% Impervious Runoff Depth=0.58"
Tc=6.0 min CN=68 Runoff=4.83 cfs 0.289 af

Subcatchment1B: Post 1B - Offsite Runoff Area=0.440 ac 11.36% Impervious Runoff Depth=0.46"
Tc=6.0 min CN=65 Runoff=0.26 cfs 0.017 af

Subcatchment2: Pre - West Runoff Area=2.540 ac 0.00% Impervious Runoff Depth=0.17"
Tc=6.0 min CN=55 Runoff=0.17 cfs 0.036 af

Subcatchment2A: Post 2A - Offsite Runoff Area=0.530 ac 11.32% Impervious Runoff Depth=0.46"
Tc=6.0 min CN=65 Runoff=0.31 cfs 0.020 af

Subcatchment3: Pre - North Runoff Area=27.590 ac 0.00% Impervious Runoff Depth=0.30"
Tc=10.0 min CN=60 Runoff=5.79 cfs 0.685 af

Subcatchment3A: Post 3A Runoff Area=10.600 ac 18.58% Impervious Runoff Depth=0.66"
Tc=6.0 min CN=70 Runoff=10.12 cfs 0.582 af

Subcatchment3B: Post 3B Runoff Area=8.450 ac 19.88% Impervious Runoff Depth=0.70"
Tc=6.0 min CN=71 Runoff=8.74 cfs 0.495 af

Subcatchment3C: Post 3C Runoff Area=2.490 ac 22.89% Impervious Runoff Depth=0.90"
Tc=6.0 min CN=75 Runoff=3.42 cfs 0.186 af

Subcatchment3D: Post 3D Runoff Area=2.380 ac 23.95% Impervious Runoff Depth=0.95"
Tc=6.0 min CN=76 Runoff=3.48 cfs 0.188 af

Subcatchment3E: Post 3E Runoff Area=2.780 ac 19.06% Impervious Runoff Depth=0.85"
Tc=6.0 min CN=74 Runoff=3.57 cfs 0.196 af

Subcatchment3Y: Post 3Y - Offsite Runoff Area=0.820 ac 36.59% Impervious Runoff Depth=1.37"
Tc=6.0 min CN=83 Runoff=1.76 cfs 0.093 af

Subcatchment3Z: Post 3Z - Offsite Runoff Area=0.520 ac 0.00% Impervious Runoff Depth=0.85"
Tc=6.0 min CN=74 Runoff=0.67 cfs 0.037 af

Subcatchment5S: Culvert 1 Runoff Area=4,797 sf 48.61% Impervious Runoff Depth=1.12"
Tc=6.0 min CN=79 Runoff=0.19 cfs 0.010 af

Subcatchment6S: Culvert 2 Runoff Area=24,708 sf 36.87% Impervious Runoff Depth=0.90"
Tc=6.0 min CN=75 Runoff=0.78 cfs 0.042 af

Subcatchment7S: Culvert 3 Runoff Area=41,517 sf 32.00% Impervious Runoff Depth=0.80"
Tc=6.0 min CN=73 Runoff=1.14 cfs 0.063 af

Subcatchment8S: Culvert 4 Runoff Area=209,603 sf 25.18% Impervious Runoff Depth=0.66"
Tc=6.0 min CN=70 Runoff=4.59 cfs 0.264 af

Subcatchment9S: Culvert 5 Runoff Area=188,836 sf 19.96% Impervious Runoff Depth=0.58"
Tc=6.0 min CN=68 Runoff=3.47 cfs 0.208 af

Pond P1A: Pond 1A Peak Elev=1,240.45' Storage=5,132 cf Inflow=4.83 cfs 0.289 af
Primary=0.06 cfs 0.010 af Secondary=0.38 cfs 0.279 af Tertiary=0.00 cfs 0.000 af Outflow=0.45 cfs 0.289 af

Pond P3A: Pond 3A Peak Elev=1,193.92' Storage=10,734 cf Inflow=10.12 cfs 0.582 af
Primary=0.38 cfs 0.083 af Secondary=0.59 cfs 0.500 af Tertiary=0.00 cfs 0.000 af Outflow=0.97 cfs 0.582 af

Pond P3B: Pond 3B Peak Elev=1,196.99' Storage=8,739 cf Inflow=8.74 cfs 0.495 af
Primary=0.46 cfs 0.095 af Secondary=0.50 cfs 0.400 af Tertiary=0.00 cfs 0.000 af Outflow=0.96 cfs 0.495 af

Pond P3C: Pond 3C Peak Elev=1,179.39' Storage=3,509 cf Inflow=3.42 cfs 0.186 af
Primary=0.04 cfs 0.006 af Secondary=0.26 cfs 0.180 af Tertiary=0.00 cfs 0.000 af Outflow=0.31 cfs 0.186 af

Pond P3D: Pond 3D Peak Elev=1,189.08' Storage=2,906 cf Inflow=3.48 cfs 0.188 af
Primary=0.57 cfs 0.066 af Secondary=0.17 cfs 0.122 af Tertiary=0.00 cfs 0.000 af Outflow=0.74 cfs 0.188 af

Pond P3E: Pond 3E Peak Elev=1,217.25' Storage=3,688 cf Inflow=3.57 cfs 0.196 af
Primary=0.02 cfs 0.002 af Secondary=0.28 cfs 0.194 af Tertiary=0.00 cfs 0.000 af Outflow=0.30 cfs 0.196 af

Link 1L: Total Pre - Development Inflow=6.15 cfs 0.790 af
Primary=6.15 cfs 0.790 af

Link 2L: Total Post - Development Inflow=3.04 cfs 0.429 af
Primary=3.04 cfs 0.429 af

Link 3L: Post - South Inflow=0.26 cfs 0.027 af
Primary=0.26 cfs 0.027 af

Link 4L: Post - North Inflow=2.47 cfs 0.382 af
Primary=2.47 cfs 0.382 af

Total Runoff Area = 80.857 ac Runoff Volume = 3.483 af Average Runoff Depth = 0.52"
88.21% Pervious = 71.323 ac 11.79% Impervious = 9.534 ac

Summary for Subcatchment 1: Pre - South

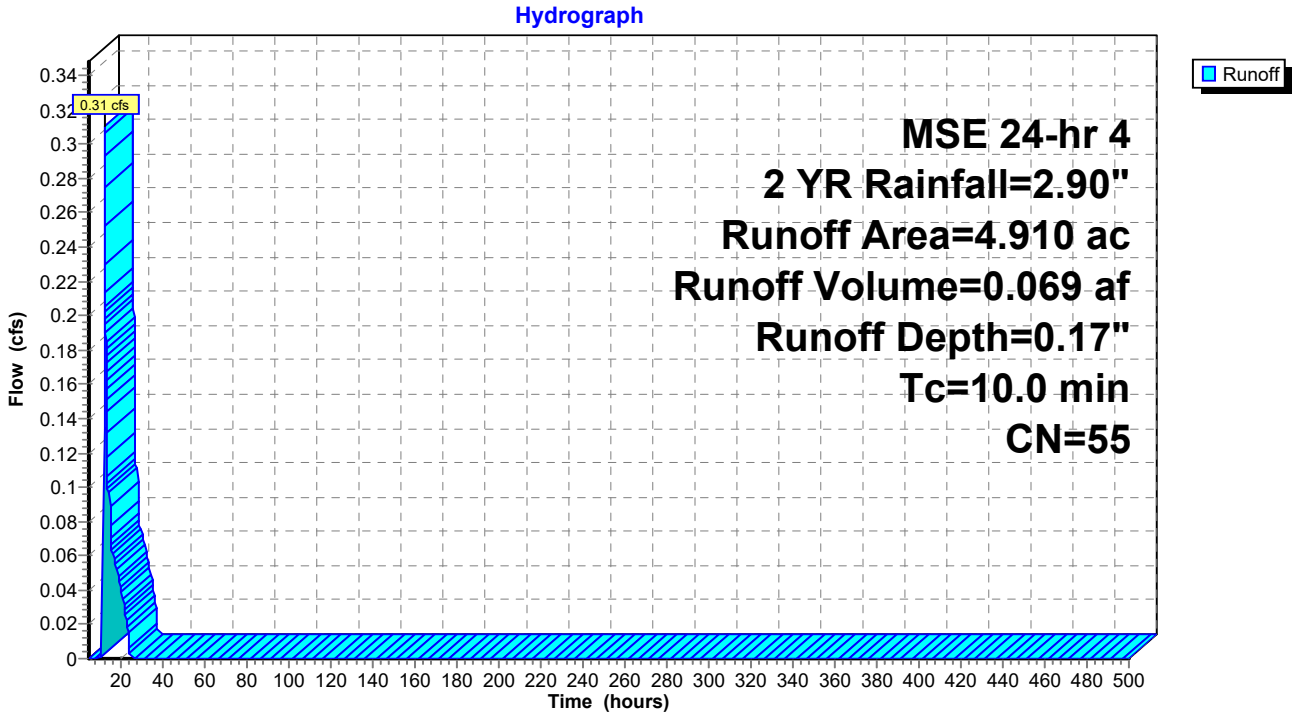
Runoff = 0.31 cfs @ 12.41 hrs, Volume= 0.069 af, Depth= 0.17"
Routed to Link 1L : Total Pre - Development

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 2 YR Rainfall=2.90"

	Area (ac)	CN	Description
*	4.910	55	Pre Dev - B Soils
	4.910		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					**Direct Entry,**

Subcatchment 1: Pre - South



Hydrograph for Subcatchment 1: Pre - South

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.13	0.00	0.00	260.00	2.90	0.17	0.00
10.00	0.46	0.00	**0.00**	265.00	2.90	0.17	0.00
15.00	2.55	0.09	**0.10**	270.00	2.90	0.17	0.00
20.00	**2.81**	**0.15**	0.04	275.00	2.90	0.17	0.00
25.00	**2.90**	**0.17**	0.00	280.00	2.90	0.17	0.00
30.00	2.90	0.17	0.00	285.00	2.90	0.17	0.00
35.00	2.90	0.17	0.00	290.00	2.90	0.17	0.00
40.00	2.90	0.17	0.00	295.00	2.90	0.17	0.00
45.00	2.90	0.17	0.00	300.00	2.90	0.17	0.00
50.00	2.90	0.17	0.00	305.00	2.90	0.17	0.00
55.00	2.90	0.17	0.00	310.00	2.90	0.17	0.00
60.00	2.90	0.17	0.00	315.00	2.90	0.17	0.00
65.00	2.90	0.17	0.00	320.00	2.90	0.17	0.00
70.00	2.90	0.17	0.00	325.00	2.90	0.17	0.00
75.00	2.90	0.17	0.00	330.00	2.90	0.17	0.00
80.00	2.90	0.17	0.00	335.00	2.90	0.17	0.00
85.00	2.90	0.17	0.00	340.00	2.90	0.17	0.00
90.00	2.90	0.17	0.00	345.00	2.90	0.17	0.00
95.00	2.90	0.17	0.00	350.00	2.90	0.17	0.00
100.00	2.90	0.17	0.00	355.00	2.90	0.17	0.00
105.00	2.90	0.17	0.00	360.00	2.90	0.17	0.00
110.00	2.90	0.17	0.00	365.00	2.90	0.17	0.00
115.00	2.90	0.17	0.00	370.00	2.90	0.17	0.00
120.00	2.90	0.17	0.00	375.00	2.90	0.17	0.00
125.00	2.90	0.17	0.00	380.00	2.90	0.17	0.00
130.00	2.90	0.17	0.00	385.00	2.90	0.17	0.00
135.00	2.90	0.17	0.00	390.00	2.90	0.17	0.00
140.00	2.90	0.17	0.00	395.00	2.90	0.17	0.00
145.00	2.90	0.17	0.00	400.00	2.90	0.17	0.00
150.00	2.90	0.17	0.00	405.00	2.90	0.17	0.00
155.00	2.90	0.17	0.00	410.00	2.90	0.17	0.00
160.00	2.90	0.17	0.00	415.00	2.90	0.17	0.00
165.00	2.90	0.17	0.00	420.00	2.90	0.17	0.00
170.00	2.90	0.17	0.00	425.00	2.90	0.17	0.00
175.00	2.90	0.17	0.00	430.00	2.90	0.17	0.00
180.00	2.90	0.17	0.00	435.00	2.90	0.17	0.00
185.00	2.90	0.17	0.00	440.00	2.90	0.17	0.00
190.00	2.90	0.17	0.00	445.00	2.90	0.17	0.00
195.00	2.90	0.17	0.00	450.00	2.90	0.17	0.00
200.00	2.90	0.17	0.00	455.00	2.90	0.17	0.00
205.00	2.90	0.17	0.00	460.00	2.90	0.17	0.00
210.00	2.90	0.17	0.00	465.00	2.90	0.17	0.00
215.00	2.90	0.17	0.00	470.00	2.90	0.17	0.00
220.00	2.90	0.17	0.00	475.00	2.90	0.17	0.00
225.00	2.90	0.17	0.00	480.00	2.90	0.17	0.00
230.00	2.90	0.17	0.00	485.00	2.90	0.17	0.00
235.00	2.90	0.17	0.00	490.00	2.90	0.17	0.00
240.00	2.90	0.17	0.00	495.00	2.90	0.17	0.00
245.00	2.90	0.17	0.00	500.00	2.90	0.17	0.00
250.00	2.90	0.17	0.00				
255.00	2.90	0.17	0.00				

Summary for Subcatchment 1A: Post 1A

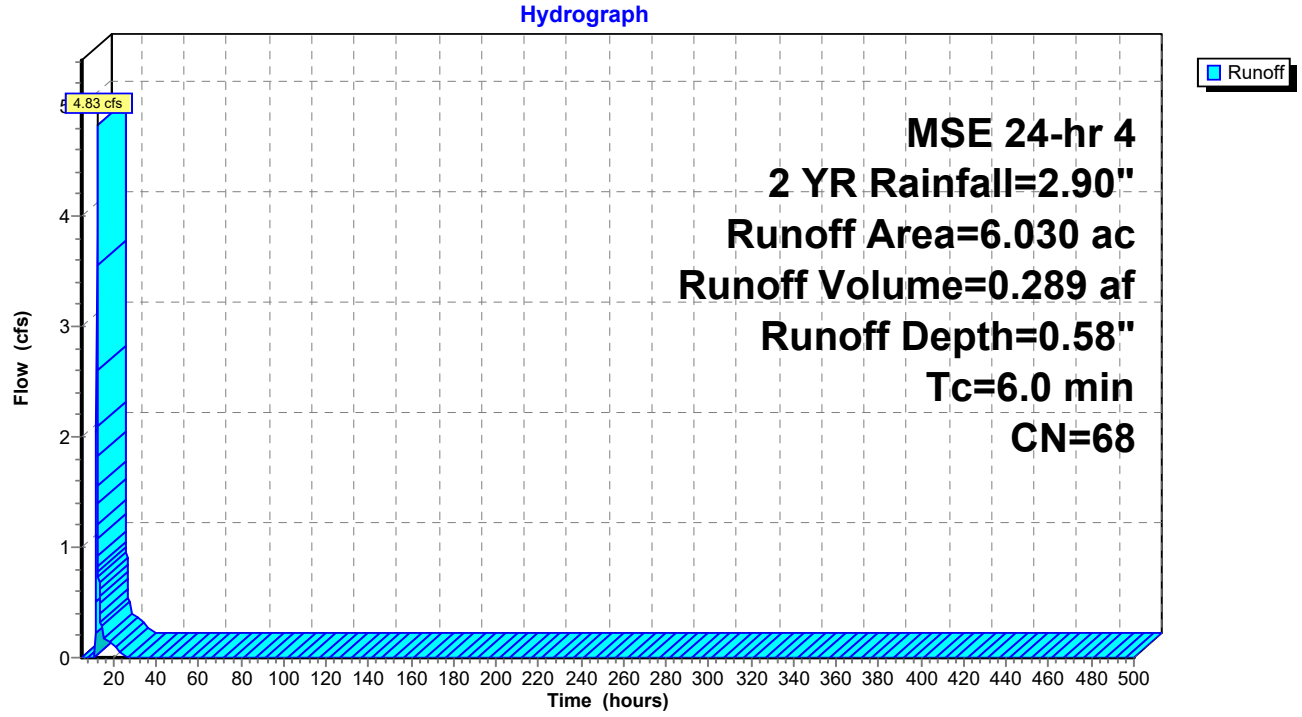
Runoff = 4.83 cfs @ 12.15 hrs, Volume= 0.289 af, Depth= 0.58"
Routed to Pond P1A : Pond 1A

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 2 YR Rainfall=2.90"

	Area (ac)	CN	Description
*	1.160	98	Impervious
*	4.870	61	Post - B Soils
*	0.000	74	Post - C Soils
	6.030	68	Weighted Average
	4.870		80.76% Pervious Area
	1.160		19.24% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 1A: Post 1A



Hydrograph for Subcatchment 1A: Post 1A

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.13	0.00	0.00	260.00	2.90	0.58	0.00
10.00	0.46	0.00	**0.00**	265.00	2.90	0.58	0.00
15.00	2.55	0.41	**0.28**	270.00	2.90	0.58	0.00
20.00	**2.81**	**0.53**	0.11	275.00	2.90	0.58	0.00
25.00	**2.90**	**0.58**	0.00	280.00	2.90	0.58	0.00
30.00	2.90	0.58	0.00	285.00	2.90	0.58	0.00
35.00	2.90	0.58	0.00	290.00	2.90	0.58	0.00
40.00	2.90	0.58	0.00	295.00	2.90	0.58	0.00
45.00	2.90	0.58	0.00	300.00	2.90	0.58	0.00
50.00	2.90	0.58	0.00	305.00	2.90	0.58	0.00
55.00	2.90	0.58	0.00	310.00	2.90	0.58	0.00
60.00	2.90	0.58	0.00	315.00	2.90	0.58	0.00
65.00	2.90	0.58	0.00	320.00	2.90	0.58	0.00
70.00	2.90	0.58	0.00	325.00	2.90	0.58	0.00
75.00	2.90	0.58	0.00	330.00	2.90	0.58	0.00
80.00	2.90	0.58	0.00	335.00	2.90	0.58	0.00
85.00	2.90	0.58	0.00	340.00	2.90	0.58	0.00
90.00	2.90	0.58	0.00	345.00	2.90	0.58	0.00
95.00	2.90	0.58	0.00	350.00	2.90	0.58	0.00
100.00	2.90	0.58	0.00	355.00	2.90	0.58	0.00
105.00	2.90	0.58	0.00	360.00	2.90	0.58	0.00
110.00	2.90	0.58	0.00	365.00	2.90	0.58	0.00
115.00	2.90	0.58	0.00	370.00	2.90	0.58	0.00
120.00	2.90	0.58	0.00	375.00	2.90	0.58	0.00
125.00	2.90	0.58	0.00	380.00	2.90	0.58	0.00
130.00	2.90	0.58	0.00	385.00	2.90	0.58	0.00
135.00	2.90	0.58	0.00	390.00	2.90	0.58	0.00
140.00	2.90	0.58	0.00	395.00	2.90	0.58	0.00
145.00	2.90	0.58	0.00	400.00	2.90	0.58	0.00
150.00	2.90	0.58	0.00	405.00	2.90	0.58	0.00
155.00	2.90	0.58	0.00	410.00	2.90	0.58	0.00
160.00	2.90	0.58	0.00	415.00	2.90	0.58	0.00
165.00	2.90	0.58	0.00	420.00	2.90	0.58	0.00
170.00	2.90	0.58	0.00	425.00	2.90	0.58	0.00
175.00	2.90	0.58	0.00	430.00	2.90	0.58	0.00
180.00	2.90	0.58	0.00	435.00	2.90	0.58	0.00
185.00	2.90	0.58	0.00	440.00	2.90	0.58	0.00
190.00	2.90	0.58	0.00	445.00	2.90	0.58	0.00
195.00	2.90	0.58	0.00	450.00	2.90	0.58	0.00
200.00	2.90	0.58	0.00	455.00	2.90	0.58	0.00
205.00	2.90	0.58	0.00	460.00	2.90	0.58	0.00
210.00	2.90	0.58	0.00	465.00	2.90	0.58	0.00
215.00	2.90	0.58	0.00	470.00	2.90	0.58	0.00
220.00	2.90	0.58	0.00	475.00	2.90	0.58	0.00
225.00	2.90	0.58	0.00	480.00	2.90	0.58	0.00
230.00	2.90	0.58	0.00	485.00	2.90	0.58	0.00
235.00	2.90	0.58	0.00	490.00	2.90	0.58	0.00
240.00	2.90	0.58	0.00	495.00	2.90	0.58	0.00
245.00	2.90	0.58	0.00	500.00	2.90	0.58	0.00
250.00	2.90	0.58	0.00				
255.00	2.90	0.58	0.00				

Summary for Subcatchment 1B: Post 1B - Offsite

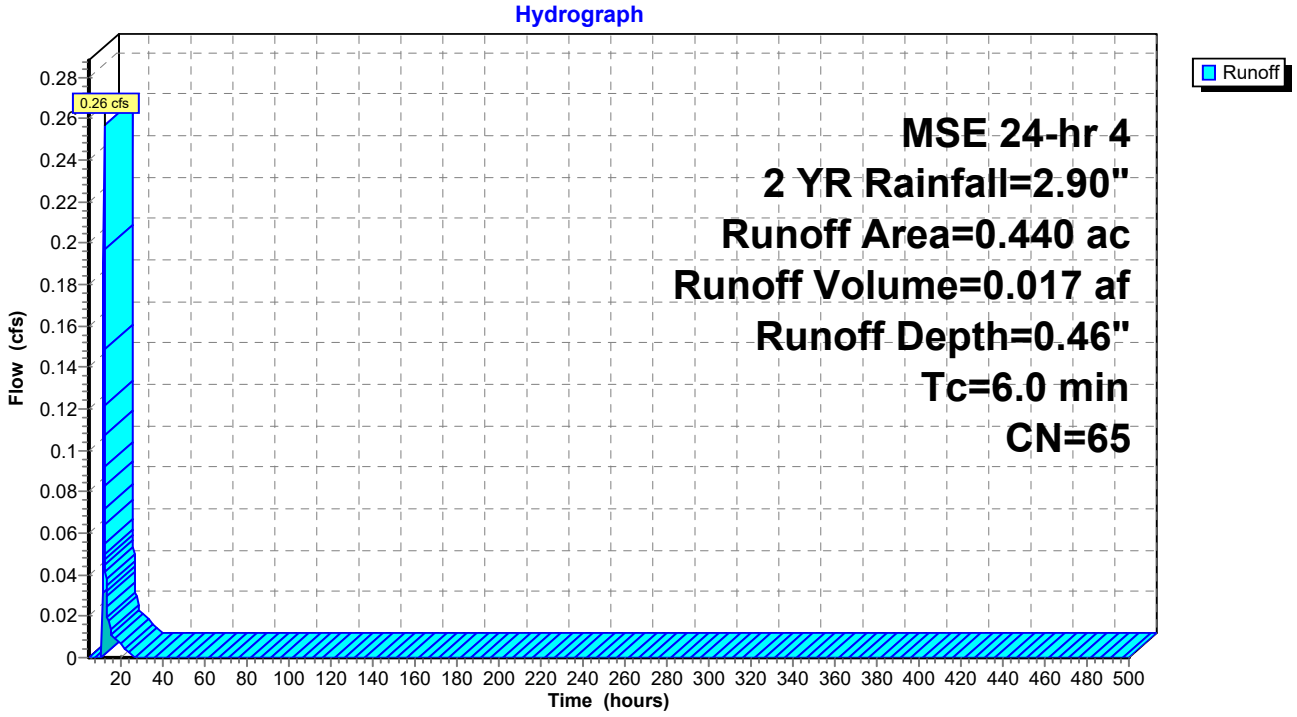
Runoff = 0.26 cfs @ 12.15 hrs, Volume= 0.017 af, Depth= 0.46"
Routed to Link 3L : Post - South

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 2 YR Rainfall=2.90"

	Area (ac)	CN	Description
*	0.050	98	Impervious
*	0.390	61	Post - B Soils
*	0.000	74	Post - C Soils
	0.440	65	Weighted Average
	0.390		88.64% Pervious Area
	0.050		11.36% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 1B: Post 1B - Offsite



Hydrograph for Subcatchment 1B: Post 1B - Offsite

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.13	0.00	0.00
10.00	0.46	0.00	**0.00**
15.00	2.55	0.32	**0.02**
20.00	**2.81**	**0.42**	0.01
25.00	**2.90**	**0.46**	0.00
30.00	2.90	0.46	0.00
35.00	2.90	0.46	0.00
40.00	2.90	0.46	0.00
45.00	2.90	0.46	0.00
50.00	2.90	0.46	0.00
55.00	2.90	0.46	0.00
60.00	2.90	0.46	0.00
65.00	2.90	0.46	0.00
70.00	2.90	0.46	0.00
75.00	2.90	0.46	0.00
80.00	2.90	0.46	0.00
85.00	2.90	0.46	0.00
90.00	2.90	0.46	0.00
95.00	2.90	0.46	0.00
100.00	2.90	0.46	0.00
105.00	2.90	0.46	0.00
110.00	2.90	0.46	0.00
115.00	2.90	0.46	0.00
120.00	2.90	0.46	0.00
125.00	2.90	0.46	0.00
130.00	2.90	0.46	0.00
135.00	2.90	0.46	0.00
140.00	2.90	0.46	0.00
145.00	2.90	0.46	0.00
150.00	2.90	0.46	0.00
155.00	2.90	0.46	0.00
160.00	2.90	0.46	0.00
165.00	2.90	0.46	0.00
170.00	2.90	0.46	0.00
175.00	2.90	0.46	0.00
180.00	2.90	0.46	0.00
185.00	2.90	0.46	0.00
190.00	2.90	0.46	0.00
195.00	2.90	0.46	0.00
200.00	2.90	0.46	0.00
205.00	2.90	0.46	0.00
210.00	2.90	0.46	0.00
215.00	2.90	0.46	0.00
220.00	2.90	0.46	0.00
225.00	2.90	0.46	0.00
230.00	2.90	0.46	0.00
235.00	2.90	0.46	0.00
240.00	2.90	0.46	0.00
245.00	2.90	0.46	0.00
250.00	2.90	0.46	0.00
255.00	2.90	0.46	0.00
260.00	2.90	0.46	0.00
265.00	2.90	0.46	0.00
270.00	2.90	0.46	0.00
275.00	2.90	0.46	0.00
280.00	2.90	0.46	0.00
285.00	2.90	0.46	0.00
290.00	2.90	0.46	0.00
295.00	2.90	0.46	0.00
300.00	2.90	0.46	0.00
305.00	2.90	0.46	0.00
310.00	2.90	0.46	0.00
315.00	2.90	0.46	0.00
320.00	2.90	0.46	0.00
325.00	2.90	0.46	0.00
330.00	2.90	0.46	0.00
335.00	2.90	0.46	0.00
340.00	2.90	0.46	0.00
345.00	2.90	0.46	0.00
350.00	2.90	0.46	0.00
355.00	2.90	0.46	0.00
360.00	2.90	0.46	0.00
365.00	2.90	0.46	0.00
370.00	2.90	0.46	0.00
375.00	2.90	0.46	0.00
380.00	2.90	0.46	0.00
385.00	2.90	0.46	0.00
390.00	2.90	0.46	0.00
395.00	2.90	0.46	0.00
400.00	2.90	0.46	0.00
405.00	2.90	0.46	0.00
410.00	2.90	0.46	0.00
415.00	2.90	0.46	0.00
420.00	2.90	0.46	0.00
425.00	2.90	0.46	0.00
430.00	2.90	0.46	0.00
435.00	2.90	0.46	0.00
440.00	2.90	0.46	0.00
445.00	2.90	0.46	0.00
450.00	2.90	0.46	0.00
455.00	2.90	0.46	0.00
460.00	2.90	0.46	0.00
465.00	2.90	0.46	0.00
470.00	2.90	0.46	0.00
475.00	2.90	0.46	0.00
480.00	2.90	0.46	0.00
485.00	2.90	0.46	0.00
490.00	2.90	0.46	0.00
495.00	2.90	0.46	0.00
500.00	2.90	0.46	0.00

Summary for Subcatchment 2: Pre - West

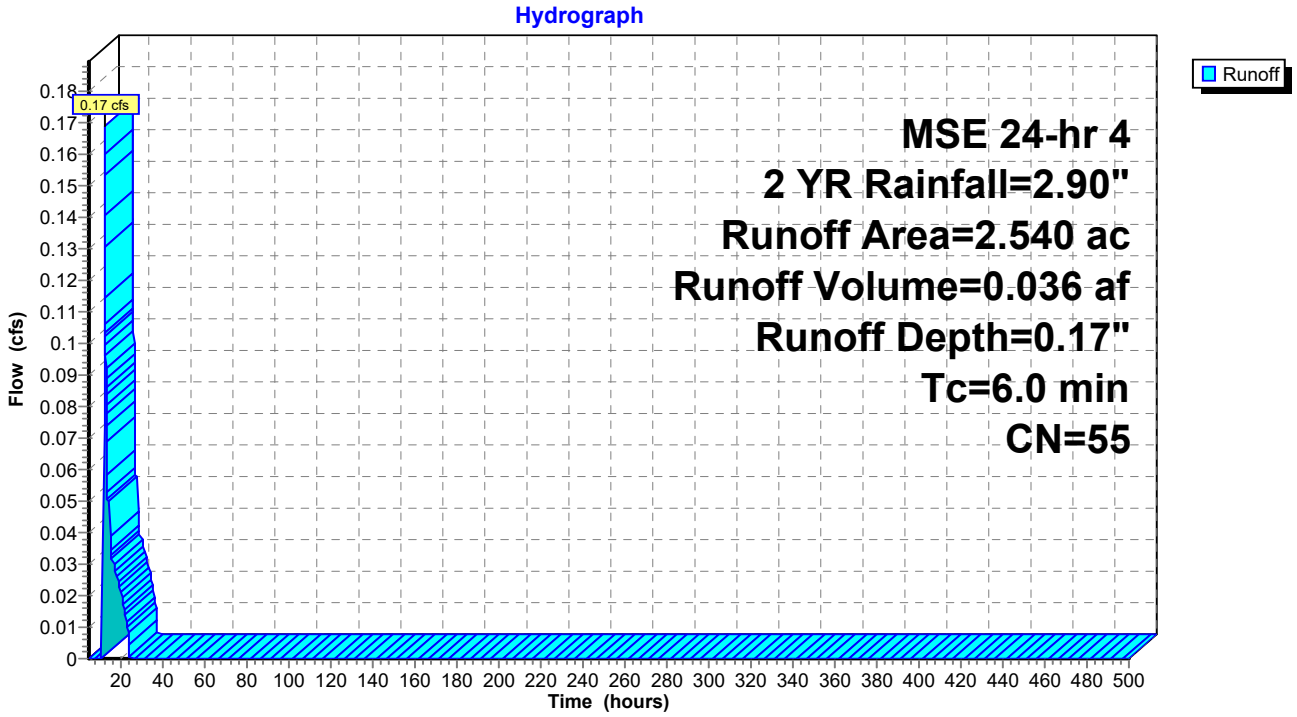
Runoff = 0.17 cfs @ 12.34 hrs, Volume= 0.036 af, Depth= 0.17"
Routed to Link 1L : Total Pre - Development

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 2 YR Rainfall=2.90"

	Area (ac)	CN	Description
*	2.540	55	Pre Dev - B Soils
	2.540		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 2: Pre - West



Hydrograph for Subcatchment 2: Pre - West

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.13	0.00	0.00	260.00	2.90	0.17	0.00
10.00	0.46	0.00	**0.00**	265.00	2.90	0.17	0.00
15.00	2.55	0.09	**0.05**	270.00	2.90	0.17	0.00
20.00	**2.81**	**0.15**	0.02	275.00	2.90	0.17	0.00
25.00	**2.90**	**0.17**	0.00	280.00	2.90	0.17	0.00
30.00	2.90	0.17	0.00	285.00	2.90	0.17	0.00
35.00	2.90	0.17	0.00	290.00	2.90	0.17	0.00
40.00	2.90	0.17	0.00	295.00	2.90	0.17	0.00
45.00	2.90	0.17	0.00	300.00	2.90	0.17	0.00
50.00	2.90	0.17	0.00	305.00	2.90	0.17	0.00
55.00	2.90	0.17	0.00	310.00	2.90	0.17	0.00
60.00	2.90	0.17	0.00	315.00	2.90	0.17	0.00
65.00	2.90	0.17	0.00	320.00	2.90	0.17	0.00
70.00	2.90	0.17	0.00	325.00	2.90	0.17	0.00
75.00	2.90	0.17	0.00	330.00	2.90	0.17	0.00
80.00	2.90	0.17	0.00	335.00	2.90	0.17	0.00
85.00	2.90	0.17	0.00	340.00	2.90	0.17	0.00
90.00	2.90	0.17	0.00	345.00	2.90	0.17	0.00
95.00	2.90	0.17	0.00	350.00	2.90	0.17	0.00
100.00	2.90	0.17	0.00	355.00	2.90	0.17	0.00
105.00	2.90	0.17	0.00	360.00	2.90	0.17	0.00
110.00	2.90	0.17	0.00	365.00	2.90	0.17	0.00
115.00	2.90	0.17	0.00	370.00	2.90	0.17	0.00
120.00	2.90	0.17	0.00	375.00	2.90	0.17	0.00
125.00	2.90	0.17	0.00	380.00	2.90	0.17	0.00
130.00	2.90	0.17	0.00	385.00	2.90	0.17	0.00
135.00	2.90	0.17	0.00	390.00	2.90	0.17	0.00
140.00	2.90	0.17	0.00	395.00	2.90	0.17	0.00
145.00	2.90	0.17	0.00	400.00	2.90	0.17	0.00
150.00	2.90	0.17	0.00	405.00	2.90	0.17	0.00
155.00	2.90	0.17	0.00	410.00	2.90	0.17	0.00
160.00	2.90	0.17	0.00	415.00	2.90	0.17	0.00
165.00	2.90	0.17	0.00	420.00	2.90	0.17	0.00
170.00	2.90	0.17	0.00	425.00	2.90	0.17	0.00
175.00	2.90	0.17	0.00	430.00	2.90	0.17	0.00
180.00	2.90	0.17	0.00	435.00	2.90	0.17	0.00
185.00	2.90	0.17	0.00	440.00	2.90	0.17	0.00
190.00	2.90	0.17	0.00	445.00	2.90	0.17	0.00
195.00	2.90	0.17	0.00	450.00	2.90	0.17	0.00
200.00	2.90	0.17	0.00	455.00	2.90	0.17	0.00
205.00	2.90	0.17	0.00	460.00	2.90	0.17	0.00
210.00	2.90	0.17	0.00	465.00	2.90	0.17	0.00
215.00	2.90	0.17	0.00	470.00	2.90	0.17	0.00
220.00	2.90	0.17	0.00	475.00	2.90	0.17	0.00
225.00	2.90	0.17	0.00	480.00	2.90	0.17	0.00
230.00	2.90	0.17	0.00	485.00	2.90	0.17	0.00
235.00	2.90	0.17	0.00	490.00	2.90	0.17	0.00
240.00	2.90	0.17	0.00	495.00	2.90	0.17	0.00
245.00	2.90	0.17	0.00	500.00	2.90	0.17	0.00
250.00	2.90	0.17	0.00				
255.00	2.90	0.17	0.00				

Summary for Subcatchment 2A: Post 2A - Offsite

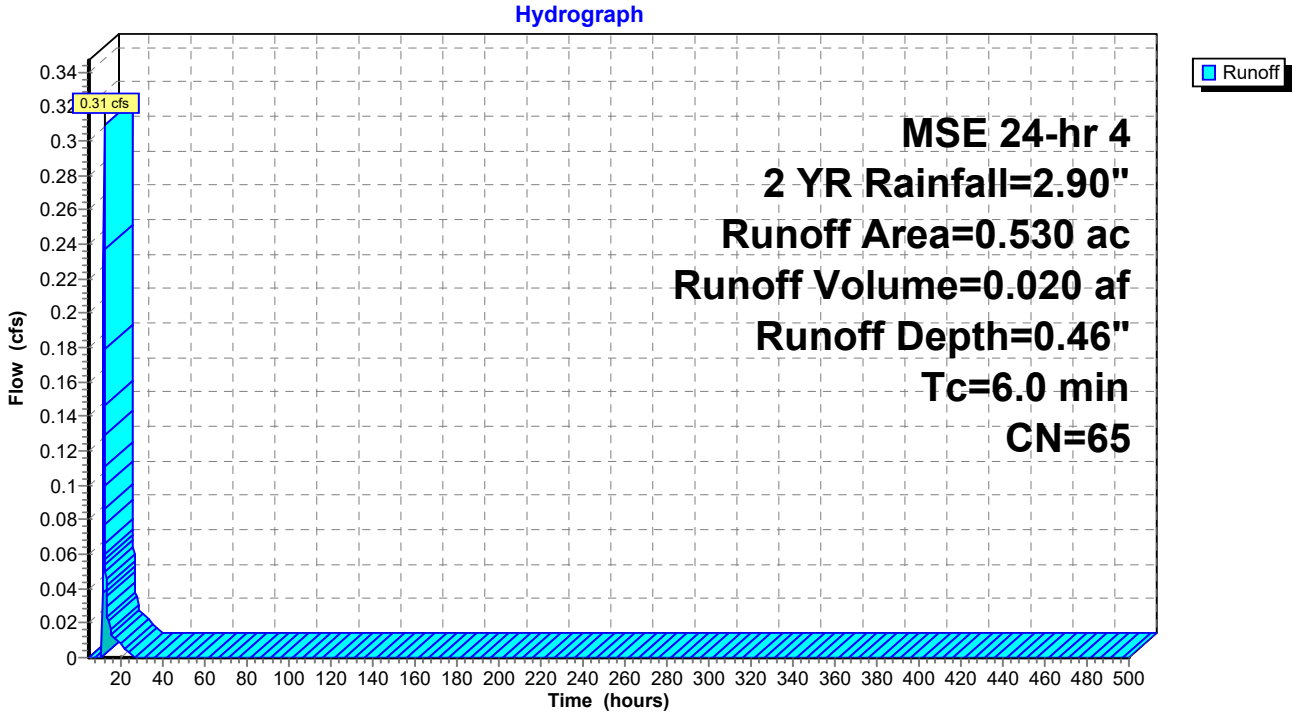
Runoff = 0.31 cfs @ 12.15 hrs, Volume= 0.020 af, Depth= 0.46"
Routed to Link 2L : Total Post - Development

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 2 YR Rainfall=2.90"

	Area (ac)	CN	Description
*	0.060	98	Impervious
*	0.470	61	Post - B Soils
*	0.000	74	Post - C Soils
	0.530	65	Weighted Average
	0.470		88.68% Pervious Area
	0.060		11.32% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 2A: Post 2A - Offsite



Hydrograph for Subcatchment 2A: Post 2A - Offsite

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.13	0.00	0.00
10.00	0.46	0.00	**0.00**
15.00	2.55	0.32	**0.02**
20.00	**2.81**	**0.42**	0.01
25.00	**2.90**	**0.46**	0.00
30.00	2.90	0.46	0.00
35.00	2.90	0.46	0.00
40.00	2.90	0.46	0.00
45.00	2.90	0.46	0.00
50.00	2.90	0.46	0.00
55.00	2.90	0.46	0.00
60.00	2.90	0.46	0.00
65.00	2.90	0.46	0.00
70.00	2.90	0.46	0.00
75.00	2.90	0.46	0.00
80.00	2.90	0.46	0.00
85.00	2.90	0.46	0.00
90.00	2.90	0.46	0.00
95.00	2.90	0.46	0.00
100.00	2.90	0.46	0.00
105.00	2.90	0.46	0.00
110.00	2.90	0.46	0.00
115.00	2.90	0.46	0.00
120.00	2.90	0.46	0.00
125.00	2.90	0.46	0.00
130.00	2.90	0.46	0.00
135.00	2.90	0.46	0.00
140.00	2.90	0.46	0.00
145.00	2.90	0.46	0.00
150.00	2.90	0.46	0.00
155.00	2.90	0.46	0.00
160.00	2.90	0.46	0.00
165.00	2.90	0.46	0.00
170.00	2.90	0.46	0.00
175.00	2.90	0.46	0.00
180.00	2.90	0.46	0.00
185.00	2.90	0.46	0.00
190.00	2.90	0.46	0.00
195.00	2.90	0.46	0.00
200.00	2.90	0.46	0.00
205.00	2.90	0.46	0.00
210.00	2.90	0.46	0.00
215.00	2.90	0.46	0.00
220.00	2.90	0.46	0.00
225.00	2.90	0.46	0.00
230.00	2.90	0.46	0.00
235.00	2.90	0.46	0.00
240.00	2.90	0.46	0.00
245.00	2.90	0.46	0.00
250.00	2.90	0.46	0.00
255.00	2.90	0.46	0.00
260.00	2.90	0.46	0.00
265.00	2.90	0.46	0.00
270.00	2.90	0.46	0.00
275.00	2.90	0.46	0.00
280.00	2.90	0.46	0.00
285.00	2.90	0.46	0.00
290.00	2.90	0.46	0.00
295.00	2.90	0.46	0.00
300.00	2.90	0.46	0.00
305.00	2.90	0.46	0.00
310.00	2.90	0.46	0.00
315.00	2.90	0.46	0.00
320.00	2.90	0.46	0.00
325.00	2.90	0.46	0.00
330.00	2.90	0.46	0.00
335.00	2.90	0.46	0.00
340.00	2.90	0.46	0.00
345.00	2.90	0.46	0.00
350.00	2.90	0.46	0.00
355.00	2.90	0.46	0.00
360.00	2.90	0.46	0.00
365.00	2.90	0.46	0.00
370.00	2.90	0.46	0.00
375.00	2.90	0.46	0.00
380.00	2.90	0.46	0.00
385.00	2.90	0.46	0.00
390.00	2.90	0.46	0.00
395.00	2.90	0.46	0.00
400.00	2.90	0.46	0.00
405.00	2.90	0.46	0.00
410.00	2.90	0.46	0.00
415.00	2.90	0.46	0.00
420.00	2.90	0.46	0.00
425.00	2.90	0.46	0.00
430.00	2.90	0.46	0.00
435.00	2.90	0.46	0.00
440.00	2.90	0.46	0.00
445.00	2.90	0.46	0.00
450.00	2.90	0.46	0.00
455.00	2.90	0.46	0.00
460.00	2.90	0.46	0.00
465.00	2.90	0.46	0.00
470.00	2.90	0.46	0.00
475.00	2.90	0.46	0.00
480.00	2.90	0.46	0.00
485.00	2.90	0.46	0.00
490.00	2.90	0.46	0.00
495.00	2.90	0.46	0.00
500.00	2.90	0.46	0.00

Summary for Subcatchment 3: Pre - North

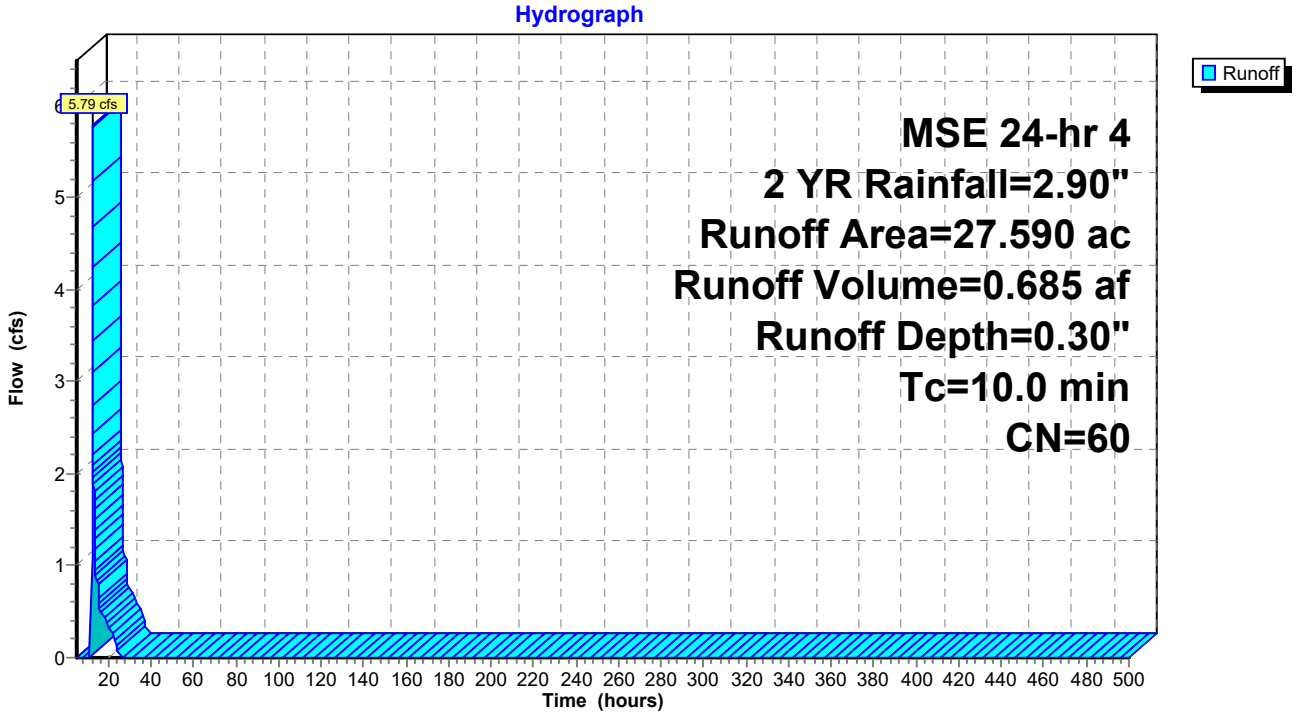
Runoff = 5.79 cfs @ 12.24 hrs, Volume= 0.685 af, Depth= 0.30"
Routed to Link 1L : Total Pre - Development

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 2 YR Rainfall=2.90"

	Area (ac)	CN	Description
*	18.190	55	Pre Dev - B Soils
*	9.400	70	Pre Dev - C Soils
	27.590	60	Weighted Average
	27.590		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					**Direct Entry,**

Subcatchment 3: Pre - North



Hydrograph for Subcatchment 3: Pre - North

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.13	0.00	0.00	260.00	2.90	0.30	0.00
10.00	0.46	0.00	**0.00**	265.00	2.90	0.30	0.00
15.00	2.55	0.19	**0.81**	270.00	2.90	0.30	0.00
20.00	**2.81**	**0.27**	0.34	275.00	2.90	0.30	0.00
25.00	**2.90**	**0.30**	0.00	280.00	2.90	0.30	0.00
30.00	2.90	0.30	0.00	285.00	2.90	0.30	0.00
35.00	2.90	0.30	0.00	290.00	2.90	0.30	0.00
40.00	2.90	0.30	0.00	295.00	2.90	0.30	0.00
45.00	2.90	0.30	0.00	300.00	2.90	0.30	0.00
50.00	2.90	0.30	0.00	305.00	2.90	0.30	0.00
55.00	2.90	0.30	0.00	310.00	2.90	0.30	0.00
60.00	2.90	0.30	0.00	315.00	2.90	0.30	0.00
65.00	2.90	0.30	0.00	320.00	2.90	0.30	0.00
70.00	2.90	0.30	0.00	325.00	2.90	0.30	0.00
75.00	2.90	0.30	0.00	330.00	2.90	0.30	0.00
80.00	2.90	0.30	0.00	335.00	2.90	0.30	0.00
85.00	2.90	0.30	0.00	340.00	2.90	0.30	0.00
90.00	2.90	0.30	0.00	345.00	2.90	0.30	0.00
95.00	2.90	0.30	0.00	350.00	2.90	0.30	0.00
100.00	2.90	0.30	0.00	355.00	2.90	0.30	0.00
105.00	2.90	0.30	0.00	360.00	2.90	0.30	0.00
110.00	2.90	0.30	0.00	365.00	2.90	0.30	0.00
115.00	2.90	0.30	0.00	370.00	2.90	0.30	0.00
120.00	2.90	0.30	0.00	375.00	2.90	0.30	0.00
125.00	2.90	0.30	0.00	380.00	2.90	0.30	0.00
130.00	2.90	0.30	0.00	385.00	2.90	0.30	0.00
135.00	2.90	0.30	0.00	390.00	2.90	0.30	0.00
140.00	2.90	0.30	0.00	395.00	2.90	0.30	0.00
145.00	2.90	0.30	0.00	400.00	2.90	0.30	0.00
150.00	2.90	0.30	0.00	405.00	2.90	0.30	0.00
155.00	2.90	0.30	0.00	410.00	2.90	0.30	0.00
160.00	2.90	0.30	0.00	415.00	2.90	0.30	0.00
165.00	2.90	0.30	0.00	420.00	2.90	0.30	0.00
170.00	2.90	0.30	0.00	425.00	2.90	0.30	0.00
175.00	2.90	0.30	0.00	430.00	2.90	0.30	0.00
180.00	2.90	0.30	0.00	435.00	2.90	0.30	0.00
185.00	2.90	0.30	0.00	440.00	2.90	0.30	0.00
190.00	2.90	0.30	0.00	445.00	2.90	0.30	0.00
195.00	2.90	0.30	0.00	450.00	2.90	0.30	0.00
200.00	2.90	0.30	0.00	455.00	2.90	0.30	0.00
205.00	2.90	0.30	0.00	460.00	2.90	0.30	0.00
210.00	2.90	0.30	0.00	465.00	2.90	0.30	0.00
215.00	2.90	0.30	0.00	470.00	2.90	0.30	0.00
220.00	2.90	0.30	0.00	475.00	2.90	0.30	0.00
225.00	2.90	0.30	0.00	480.00	2.90	0.30	0.00
230.00	2.90	0.30	0.00	485.00	2.90	0.30	0.00
235.00	2.90	0.30	0.00	490.00	2.90	0.30	0.00
240.00	2.90	0.30	0.00	495.00	2.90	0.30	0.00
245.00	2.90	0.30	0.00	500.00	2.90	0.30	0.00
250.00	2.90	0.30	0.00				
255.00	2.90	0.30	0.00				

Summary for Subcatchment 3A: Post 3A

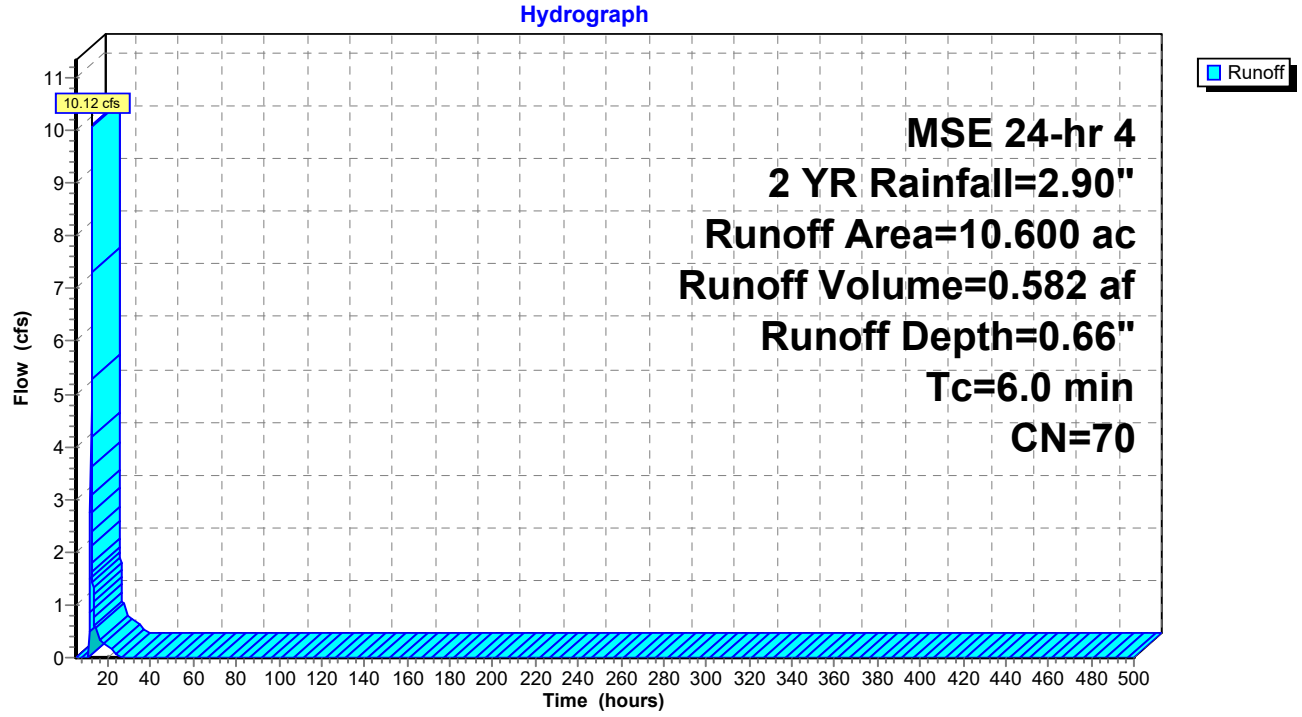
Runoff = 10.12 cfs @ 12.14 hrs, Volume= 0.582 af, Depth= 0.66"
Routed to Pond P3A : Pond 3A

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 2 YR Rainfall=2.90"

	Area (ac)	CN	Description
*	1.970	98	Impervious
*	6.570	61	Post - B Soils
*	2.060	74	Post - C Soils
	10.600	70	Weighted Average
	8.630		81.42% Pervious Area
	1.970		18.58% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3A: Post 3A



Hydrograph for Subcatchment 3A: Post 3A

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.13	0.00	0.00	260.00	2.90	0.66	0.00
10.00	0.46	0.00	**0.00**	265.00	2.90	0.66	0.00
15.00	2.55	0.48	**0.53**	270.00	2.90	0.66	0.00
20.00	**2.81**	**0.61**	0.21	275.00	2.90	0.66	0.00
25.00	**2.90**	**0.66**	0.00	280.00	2.90	0.66	0.00
30.00	2.90	0.66	0.00	285.00	2.90	0.66	0.00
35.00	2.90	0.66	0.00	290.00	2.90	0.66	0.00
40.00	2.90	0.66	0.00	295.00	2.90	0.66	0.00
45.00	2.90	0.66	0.00	300.00	2.90	0.66	0.00
50.00	2.90	0.66	0.00	305.00	2.90	0.66	0.00
55.00	2.90	0.66	0.00	310.00	2.90	0.66	0.00
60.00	2.90	0.66	0.00	315.00	2.90	0.66	0.00
65.00	2.90	0.66	0.00	320.00	2.90	0.66	0.00
70.00	2.90	0.66	0.00	325.00	2.90	0.66	0.00
75.00	2.90	0.66	0.00	330.00	2.90	0.66	0.00
80.00	2.90	0.66	0.00	335.00	2.90	0.66	0.00
85.00	2.90	0.66	0.00	340.00	2.90	0.66	0.00
90.00	2.90	0.66	0.00	345.00	2.90	0.66	0.00
95.00	2.90	0.66	0.00	350.00	2.90	0.66	0.00
100.00	2.90	0.66	0.00	355.00	2.90	0.66	0.00
105.00	2.90	0.66	0.00	360.00	2.90	0.66	0.00
110.00	2.90	0.66	0.00	365.00	2.90	0.66	0.00
115.00	2.90	0.66	0.00	370.00	2.90	0.66	0.00
120.00	2.90	0.66	0.00	375.00	2.90	0.66	0.00
125.00	2.90	0.66	0.00	380.00	2.90	0.66	0.00
130.00	2.90	0.66	0.00	385.00	2.90	0.66	0.00
135.00	2.90	0.66	0.00	390.00	2.90	0.66	0.00
140.00	2.90	0.66	0.00	395.00	2.90	0.66	0.00
145.00	2.90	0.66	0.00	400.00	2.90	0.66	0.00
150.00	2.90	0.66	0.00	405.00	2.90	0.66	0.00
155.00	2.90	0.66	0.00	410.00	2.90	0.66	0.00
160.00	2.90	0.66	0.00	415.00	2.90	0.66	0.00
165.00	2.90	0.66	0.00	420.00	2.90	0.66	0.00
170.00	2.90	0.66	0.00	425.00	2.90	0.66	0.00
175.00	2.90	0.66	0.00	430.00	2.90	0.66	0.00
180.00	2.90	0.66	0.00	435.00	2.90	0.66	0.00
185.00	2.90	0.66	0.00	440.00	2.90	0.66	0.00
190.00	2.90	0.66	0.00	445.00	2.90	0.66	0.00
195.00	2.90	0.66	0.00	450.00	2.90	0.66	0.00
200.00	2.90	0.66	0.00	455.00	2.90	0.66	0.00
205.00	2.90	0.66	0.00	460.00	2.90	0.66	0.00
210.00	2.90	0.66	0.00	465.00	2.90	0.66	0.00
215.00	2.90	0.66	0.00	470.00	2.90	0.66	0.00
220.00	2.90	0.66	0.00	475.00	2.90	0.66	0.00
225.00	2.90	0.66	0.00	480.00	2.90	0.66	0.00
230.00	2.90	0.66	0.00	485.00	2.90	0.66	0.00
235.00	2.90	0.66	0.00	490.00	2.90	0.66	0.00
240.00	2.90	0.66	0.00	495.00	2.90	0.66	0.00
245.00	2.90	0.66	0.00	500.00	2.90	0.66	0.00
250.00	2.90	0.66	0.00				
255.00	2.90	0.66	0.00				

Summary for Subcatchment 3B: Post 3B

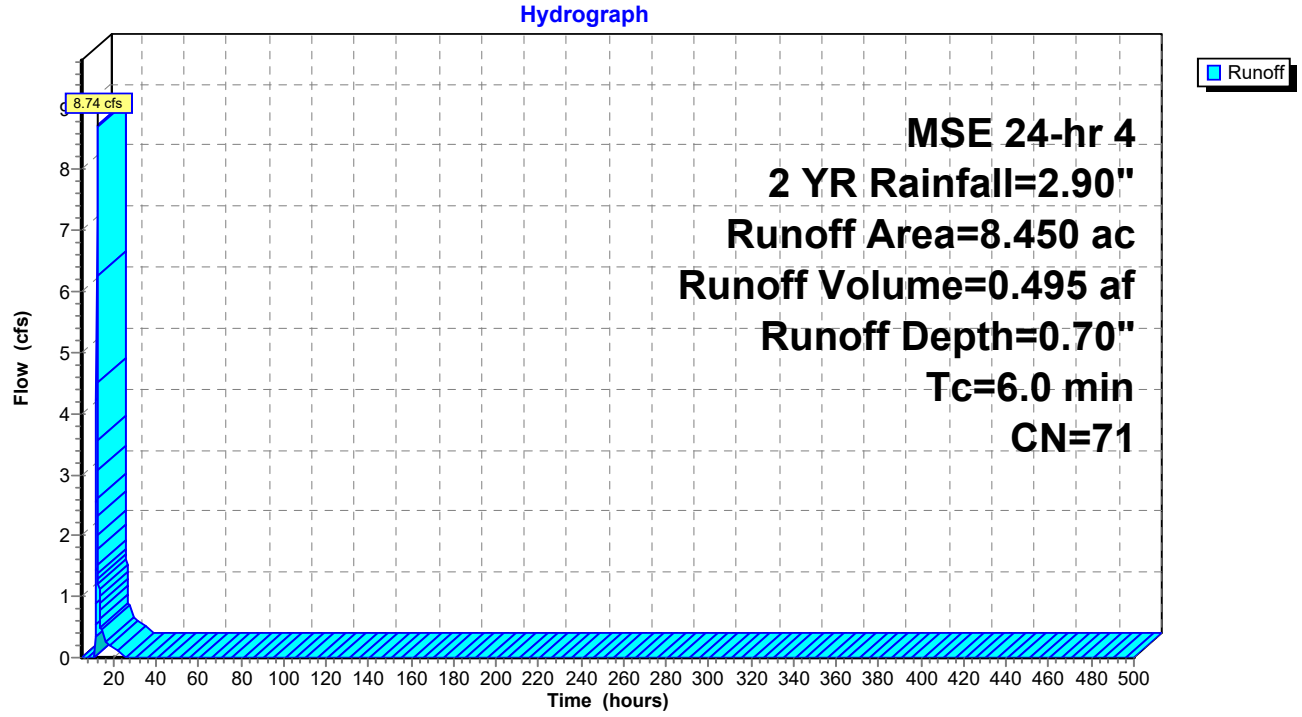
Runoff = 8.74 cfs @ 12.14 hrs, Volume= 0.495 af, Depth= 0.70"
Routed to Pond P3B : Pond 3B

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 2 YR Rainfall=2.90"

	Area (ac)	CN	Description
*	1.680	98	Impervious
*	5.290	61	Post - B Soils
*	1.480	74	Post - C Soils
	8.450	71	Weighted Average
	6.770		80.12% Pervious Area
	1.680		19.88% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3B: Post 3B



Hydrograph for Subcatchment 3B: Post 3B

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.13	0.00	0.00	260.00	2.90	0.70	0.00
10.00	0.46	0.00	**0.00**	265.00	2.90	0.70	0.00
15.00	2.55	0.52	**0.44**	270.00	2.90	0.70	0.00
20.00	**2.81**	**0.65**	0.17	275.00	2.90	0.70	0.00
25.00	**2.90**	**0.70**	0.00	280.00	2.90	0.70	0.00
30.00	2.90	0.70	0.00	285.00	2.90	0.70	0.00
35.00	2.90	0.70	0.00	290.00	2.90	0.70	0.00
40.00	2.90	0.70	0.00	295.00	2.90	0.70	0.00
45.00	2.90	0.70	0.00	300.00	2.90	0.70	0.00
50.00	2.90	0.70	0.00	305.00	2.90	0.70	0.00
55.00	2.90	0.70	0.00	310.00	2.90	0.70	0.00
60.00	2.90	0.70	0.00	315.00	2.90	0.70	0.00
65.00	2.90	0.70	0.00	320.00	2.90	0.70	0.00
70.00	2.90	0.70	0.00	325.00	2.90	0.70	0.00
75.00	2.90	0.70	0.00	330.00	2.90	0.70	0.00
80.00	2.90	0.70	0.00	335.00	2.90	0.70	0.00
85.00	2.90	0.70	0.00	340.00	2.90	0.70	0.00
90.00	2.90	0.70	0.00	345.00	2.90	0.70	0.00
95.00	2.90	0.70	0.00	350.00	2.90	0.70	0.00
100.00	2.90	0.70	0.00	355.00	2.90	0.70	0.00
105.00	2.90	0.70	0.00	360.00	2.90	0.70	0.00
110.00	2.90	0.70	0.00	365.00	2.90	0.70	0.00
115.00	2.90	0.70	0.00	370.00	2.90	0.70	0.00
120.00	2.90	0.70	0.00	375.00	2.90	0.70	0.00
125.00	2.90	0.70	0.00	380.00	2.90	0.70	0.00
130.00	2.90	0.70	0.00	385.00	2.90	0.70	0.00
135.00	2.90	0.70	0.00	390.00	2.90	0.70	0.00
140.00	2.90	0.70	0.00	395.00	2.90	0.70	0.00
145.00	2.90	0.70	0.00	400.00	2.90	0.70	0.00
150.00	2.90	0.70	0.00	405.00	2.90	0.70	0.00
155.00	2.90	0.70	0.00	410.00	2.90	0.70	0.00
160.00	2.90	0.70	0.00	415.00	2.90	0.70	0.00
165.00	2.90	0.70	0.00	420.00	2.90	0.70	0.00
170.00	2.90	0.70	0.00	425.00	2.90	0.70	0.00
175.00	2.90	0.70	0.00	430.00	2.90	0.70	0.00
180.00	2.90	0.70	0.00	435.00	2.90	0.70	0.00
185.00	2.90	0.70	0.00	440.00	2.90	0.70	0.00
190.00	2.90	0.70	0.00	445.00	2.90	0.70	0.00
195.00	2.90	0.70	0.00	450.00	2.90	0.70	0.00
200.00	2.90	0.70	0.00	455.00	2.90	0.70	0.00
205.00	2.90	0.70	0.00	460.00	2.90	0.70	0.00
210.00	2.90	0.70	0.00	465.00	2.90	0.70	0.00
215.00	2.90	0.70	0.00	470.00	2.90	0.70	0.00
220.00	2.90	0.70	0.00	475.00	2.90	0.70	0.00
225.00	2.90	0.70	0.00	480.00	2.90	0.70	0.00
230.00	2.90	0.70	0.00	485.00	2.90	0.70	0.00
235.00	2.90	0.70	0.00	490.00	2.90	0.70	0.00
240.00	2.90	0.70	0.00	495.00	2.90	0.70	0.00
245.00	2.90	0.70	0.00	500.00	2.90	0.70	0.00
250.00	2.90	0.70	0.00				
255.00	2.90	0.70	0.00				

Summary for Subcatchment 3C: Post 3C

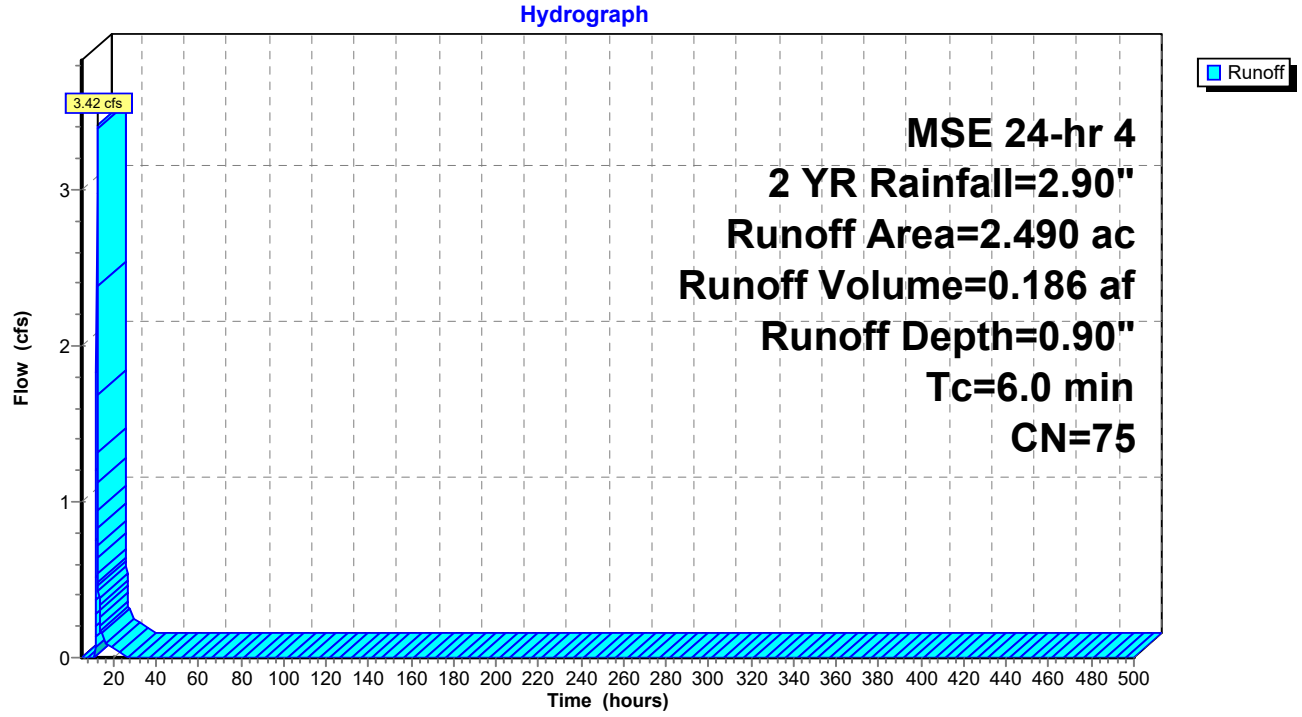
Runoff = 3.42 cfs @ 12.14 hrs, Volume= 0.186 af, Depth= 0.90"
Routed to Pond P3C : Pond 3C

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 2 YR Rainfall=2.90"

	Area (ac)	CN	Description
*	0.570	98	Impervious
*	0.800	61	Post - B Soils
*	1.120	74	Post - C Soils
	2.490	75	Weighted Average
	1.920		77.11% Pervious Area
	0.570		22.89% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3C: Post 3C



Hydrograph for Subcatchment 3C: Post 3C

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.13	0.00	0.00	260.00	2.90	0.90	0.00
10.00	0.46	0.00	**0.00**	265.00	2.90	0.90	0.00
15.00	2.55	0.68	**0.15**	270.00	2.90	0.90	0.00
20.00	**2.81**	**0.84**	0.06	275.00	2.90	0.90	0.00
25.00	**2.90**	**0.90**	0.00	280.00	2.90	0.90	0.00
30.00	2.90	0.90	0.00	285.00	2.90	0.90	0.00
35.00	2.90	0.90	0.00	290.00	2.90	0.90	0.00
40.00	2.90	0.90	0.00	295.00	2.90	0.90	0.00
45.00	2.90	0.90	0.00	300.00	2.90	0.90	0.00
50.00	2.90	0.90	0.00	305.00	2.90	0.90	0.00
55.00	2.90	0.90	0.00	310.00	2.90	0.90	0.00
60.00	2.90	0.90	0.00	315.00	2.90	0.90	0.00
65.00	2.90	0.90	0.00	320.00	2.90	0.90	0.00
70.00	2.90	0.90	0.00	325.00	2.90	0.90	0.00
75.00	2.90	0.90	0.00	330.00	2.90	0.90	0.00
80.00	2.90	0.90	0.00	335.00	2.90	0.90	0.00
85.00	2.90	0.90	0.00	340.00	2.90	0.90	0.00
90.00	2.90	0.90	0.00	345.00	2.90	0.90	0.00
95.00	2.90	0.90	0.00	350.00	2.90	0.90	0.00
100.00	2.90	0.90	0.00	355.00	2.90	0.90	0.00
105.00	2.90	0.90	0.00	360.00	2.90	0.90	0.00
110.00	2.90	0.90	0.00	365.00	2.90	0.90	0.00
115.00	2.90	0.90	0.00	370.00	2.90	0.90	0.00
120.00	2.90	0.90	0.00	375.00	2.90	0.90	0.00
125.00	2.90	0.90	0.00	380.00	2.90	0.90	0.00
130.00	2.90	0.90	0.00	385.00	2.90	0.90	0.00
135.00	2.90	0.90	0.00	390.00	2.90	0.90	0.00
140.00	2.90	0.90	0.00	395.00	2.90	0.90	0.00
145.00	2.90	0.90	0.00	400.00	2.90	0.90	0.00
150.00	2.90	0.90	0.00	405.00	2.90	0.90	0.00
155.00	2.90	0.90	0.00	410.00	2.90	0.90	0.00
160.00	2.90	0.90	0.00	415.00	2.90	0.90	0.00
165.00	2.90	0.90	0.00	420.00	2.90	0.90	0.00
170.00	2.90	0.90	0.00	425.00	2.90	0.90	0.00
175.00	2.90	0.90	0.00	430.00	2.90	0.90	0.00
180.00	2.90	0.90	0.00	435.00	2.90	0.90	0.00
185.00	2.90	0.90	0.00	440.00	2.90	0.90	0.00
190.00	2.90	0.90	0.00	445.00	2.90	0.90	0.00
195.00	2.90	0.90	0.00	450.00	2.90	0.90	0.00
200.00	2.90	0.90	0.00	455.00	2.90	0.90	0.00
205.00	2.90	0.90	0.00	460.00	2.90	0.90	0.00
210.00	2.90	0.90	0.00	465.00	2.90	0.90	0.00
215.00	2.90	0.90	0.00	470.00	2.90	0.90	0.00
220.00	2.90	0.90	0.00	475.00	2.90	0.90	0.00
225.00	2.90	0.90	0.00	480.00	2.90	0.90	0.00
230.00	2.90	0.90	0.00	485.00	2.90	0.90	0.00
235.00	2.90	0.90	0.00	490.00	2.90	0.90	0.00
240.00	2.90	0.90	0.00	495.00	2.90	0.90	0.00
245.00	2.90	0.90	0.00	500.00	2.90	0.90	0.00
250.00	2.90	0.90	0.00				
255.00	2.90	0.90	0.00				

Summary for Subcatchment 3D: Post 3D

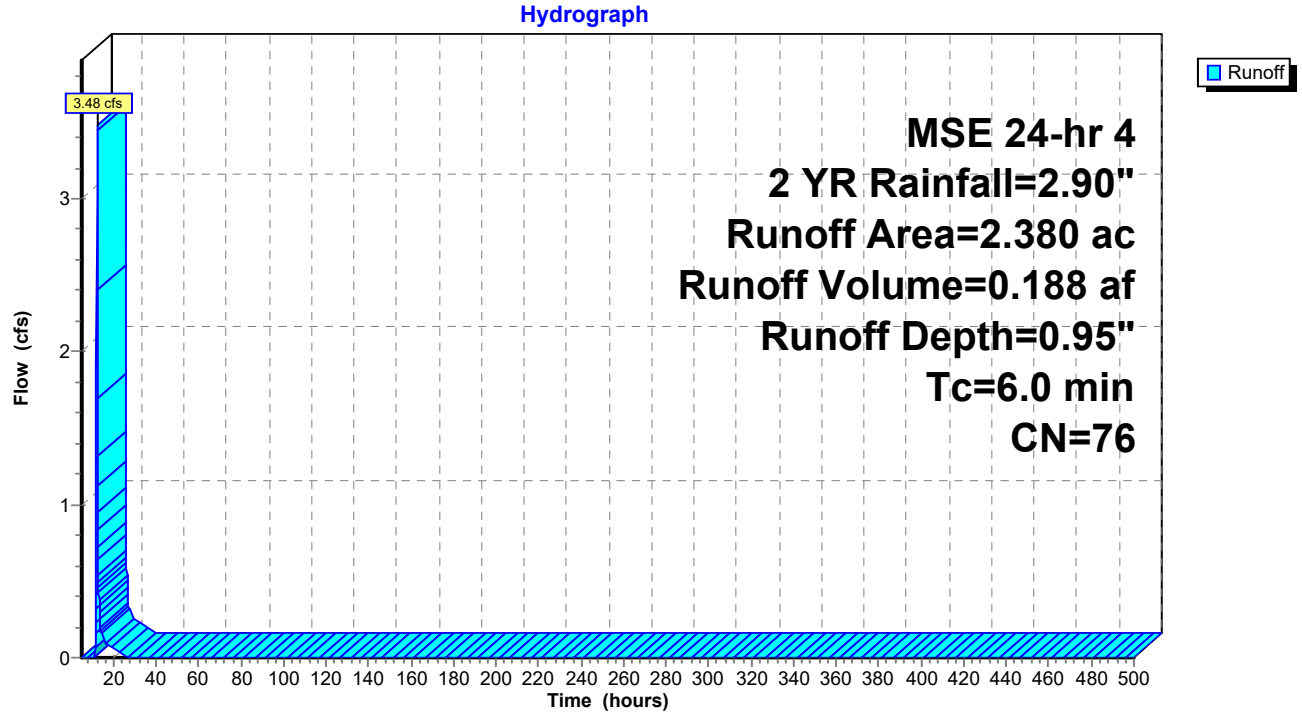
Runoff = 3.48 cfs @ 12.14 hrs, Volume= 0.188 af, Depth= 0.95"
Routed to Pond P3D : Pond 3D

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 2 YR Rainfall=2.90"

	Area (ac)	CN	Description
*	0.570	98	Impervious
*	0.610	61	Post - B Soils
*	1.200	74	Post - C Soils
	2.380	76	Weighted Average
	1.810		76.05% Pervious Area
	0.570		23.95% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3D: Post 3D



Hydrograph for Subcatchment 3D: Post 3D

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.13	0.00	0.00	260.00	2.90	0.95	0.00
10.00	0.46	0.00	**0.00**	265.00	2.90	0.95	0.00
15.00	2.55	0.72	**0.15**	270.00	2.90	0.95	0.00
20.00	**2.81**	**0.89**	0.06	275.00	2.90	0.95	0.00
25.00	**2.90**	**0.95**	0.00	280.00	2.90	0.95	0.00
30.00	2.90	0.95	0.00	285.00	2.90	0.95	0.00
35.00	2.90	0.95	0.00	290.00	2.90	0.95	0.00
40.00	2.90	0.95	0.00	295.00	2.90	0.95	0.00
45.00	2.90	0.95	0.00	300.00	2.90	0.95	0.00
50.00	2.90	0.95	0.00	305.00	2.90	0.95	0.00
55.00	2.90	0.95	0.00	310.00	2.90	0.95	0.00
60.00	2.90	0.95	0.00	315.00	2.90	0.95	0.00
65.00	2.90	0.95	0.00	320.00	2.90	0.95	0.00
70.00	2.90	0.95	0.00	325.00	2.90	0.95	0.00
75.00	2.90	0.95	0.00	330.00	2.90	0.95	0.00
80.00	2.90	0.95	0.00	335.00	2.90	0.95	0.00
85.00	2.90	0.95	0.00	340.00	2.90	0.95	0.00
90.00	2.90	0.95	0.00	345.00	2.90	0.95	0.00
95.00	2.90	0.95	0.00	350.00	2.90	0.95	0.00
100.00	2.90	0.95	0.00	355.00	2.90	0.95	0.00
105.00	2.90	0.95	0.00	360.00	2.90	0.95	0.00
110.00	2.90	0.95	0.00	365.00	2.90	0.95	0.00
115.00	2.90	0.95	0.00	370.00	2.90	0.95	0.00
120.00	2.90	0.95	0.00	375.00	2.90	0.95	0.00
125.00	2.90	0.95	0.00	380.00	2.90	0.95	0.00
130.00	2.90	0.95	0.00	385.00	2.90	0.95	0.00
135.00	2.90	0.95	0.00	390.00	2.90	0.95	0.00
140.00	2.90	0.95	0.00	395.00	2.90	0.95	0.00
145.00	2.90	0.95	0.00	400.00	2.90	0.95	0.00
150.00	2.90	0.95	0.00	405.00	2.90	0.95	0.00
155.00	2.90	0.95	0.00	410.00	2.90	0.95	0.00
160.00	2.90	0.95	0.00	415.00	2.90	0.95	0.00
165.00	2.90	0.95	0.00	420.00	2.90	0.95	0.00
170.00	2.90	0.95	0.00	425.00	2.90	0.95	0.00
175.00	2.90	0.95	0.00	430.00	2.90	0.95	0.00
180.00	2.90	0.95	0.00	435.00	2.90	0.95	0.00
185.00	2.90	0.95	0.00	440.00	2.90	0.95	0.00
190.00	2.90	0.95	0.00	445.00	2.90	0.95	0.00
195.00	2.90	0.95	0.00	450.00	2.90	0.95	0.00
200.00	2.90	0.95	0.00	455.00	2.90	0.95	0.00
205.00	2.90	0.95	0.00	460.00	2.90	0.95	0.00
210.00	2.90	0.95	0.00	465.00	2.90	0.95	0.00
215.00	2.90	0.95	0.00	470.00	2.90	0.95	0.00
220.00	2.90	0.95	0.00	475.00	2.90	0.95	0.00
225.00	2.90	0.95	0.00	480.00	2.90	0.95	0.00
230.00	2.90	0.95	0.00	485.00	2.90	0.95	0.00
235.00	2.90	0.95	0.00	490.00	2.90	0.95	0.00
240.00	2.90	0.95	0.00	495.00	2.90	0.95	0.00
245.00	2.90	0.95	0.00	500.00	2.90	0.95	0.00
250.00	2.90	0.95	0.00				
255.00	2.90	0.95	0.00				

Summary for Subcatchment 3E: Post 3E

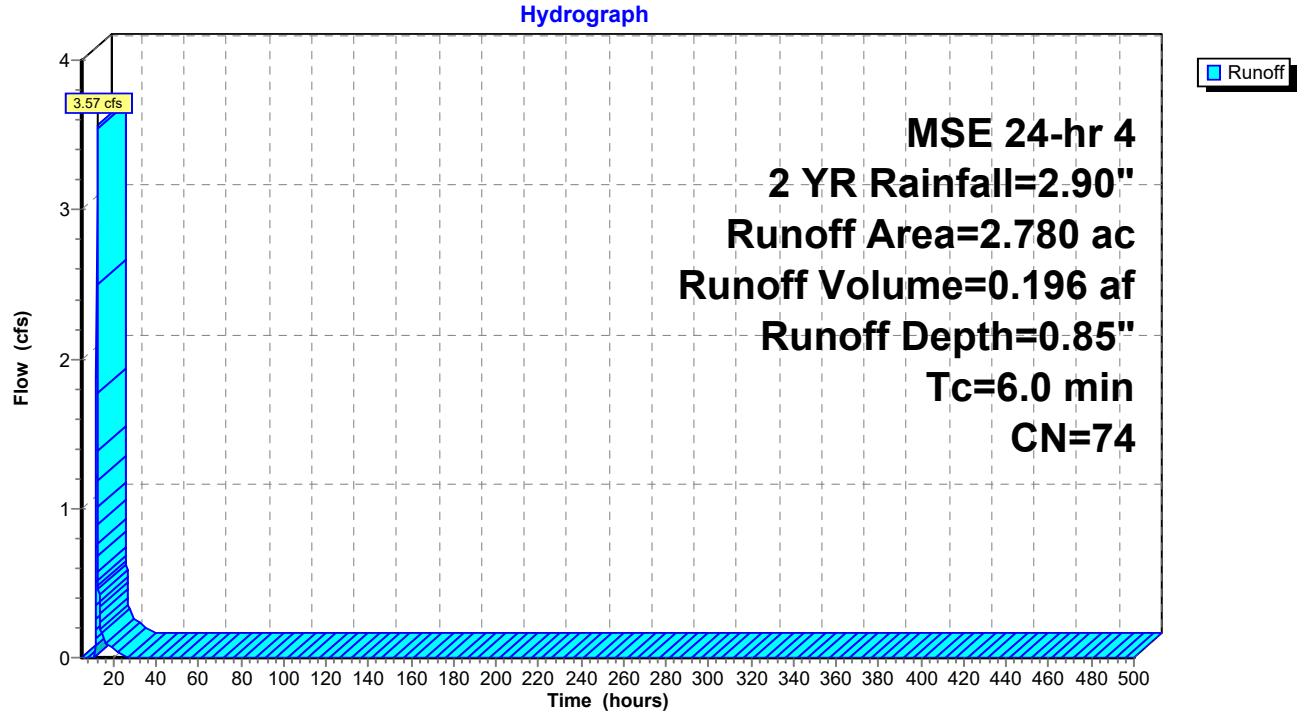
Runoff = 3.57 cfs @ 12.14 hrs, Volume= 0.196 af, Depth= 0.85"
Routed to Pond P3E : Pond 3E

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 2 YR Rainfall=2.90"

	Area (ac)	CN	Description
*	0.530	98	Impervious
*	0.920	61	Post - B Soils
*	1.330	74	Post - C Soils
	2.780	74	Weighted Average
	2.250		80.94% Pervious Area
	0.530		19.06% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3E: Post 3E



Hydrograph for Subcatchment 3E: Post 3E

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.13	0.00	0.00
10.00	0.46	0.00	**0.00**
15.00	2.55	0.64	**0.16**
20.00	**2.81**	**0.79**	0.06
25.00	**2.90**	**0.85**	0.00
30.00	2.90	0.85	0.00
35.00	2.90	0.85	0.00
40.00	2.90	0.85	0.00
45.00	2.90	0.85	0.00
50.00	2.90	0.85	0.00
55.00	2.90	0.85	0.00
60.00	2.90	0.85	0.00
65.00	2.90	0.85	0.00
70.00	2.90	0.85	0.00
75.00	2.90	0.85	0.00
80.00	2.90	0.85	0.00
85.00	2.90	0.85	0.00
90.00	2.90	0.85	0.00
95.00	2.90	0.85	0.00
100.00	2.90	0.85	0.00
105.00	2.90	0.85	0.00
110.00	2.90	0.85	0.00
115.00	2.90	0.85	0.00
120.00	2.90	0.85	0.00
125.00	2.90	0.85	0.00
130.00	2.90	0.85	0.00
135.00	2.90	0.85	0.00
140.00	2.90	0.85	0.00
145.00	2.90	0.85	0.00
150.00	2.90	0.85	0.00
155.00	2.90	0.85	0.00
160.00	2.90	0.85	0.00
165.00	2.90	0.85	0.00
170.00	2.90	0.85	0.00
175.00	2.90	0.85	0.00
180.00	2.90	0.85	0.00
185.00	2.90	0.85	0.00
190.00	2.90	0.85	0.00
195.00	2.90	0.85	0.00
200.00	2.90	0.85	0.00
205.00	2.90	0.85	0.00
210.00	2.90	0.85	0.00
215.00	2.90	0.85	0.00
220.00	2.90	0.85	0.00
225.00	2.90	0.85	0.00
230.00	2.90	0.85	0.00
235.00	2.90	0.85	0.00
240.00	2.90	0.85	0.00
245.00	2.90	0.85	0.00
250.00	2.90	0.85	0.00
255.00	2.90	0.85	0.00
260.00	2.90	0.85	0.00
265.00	2.90	0.85	0.00
270.00	2.90	0.85	0.00
275.00	2.90	0.85	0.00
280.00	2.90	0.85	0.00
285.00	2.90	0.85	0.00
290.00	2.90	0.85	0.00
295.00	2.90	0.85	0.00
300.00	2.90	0.85	0.00
305.00	2.90	0.85	0.00
310.00	2.90	0.85	0.00
315.00	2.90	0.85	0.00
320.00	2.90	0.85	0.00
325.00	2.90	0.85	0.00
330.00	2.90	0.85	0.00
335.00	2.90	0.85	0.00
340.00	2.90	0.85	0.00
345.00	2.90	0.85	0.00
350.00	2.90	0.85	0.00
355.00	2.90	0.85	0.00
360.00	2.90	0.85	0.00
365.00	2.90	0.85	0.00
370.00	2.90	0.85	0.00
375.00	2.90	0.85	0.00
380.00	2.90	0.85	0.00
385.00	2.90	0.85	0.00
390.00	2.90	0.85	0.00
395.00	2.90	0.85	0.00
400.00	2.90	0.85	0.00
405.00	2.90	0.85	0.00
410.00	2.90	0.85	0.00
415.00	2.90	0.85	0.00
420.00	2.90	0.85	0.00
425.00	2.90	0.85	0.00
430.00	2.90	0.85	0.00
435.00	2.90	0.85	0.00
440.00	2.90	0.85	0.00
445.00	2.90	0.85	0.00
450.00	2.90	0.85	0.00
455.00	2.90	0.85	0.00
460.00	2.90	0.85	0.00
465.00	2.90	0.85	0.00
470.00	2.90	0.85	0.00
475.00	2.90	0.85	0.00
480.00	2.90	0.85	0.00
485.00	2.90	0.85	0.00
490.00	2.90	0.85	0.00
495.00	2.90	0.85	0.00
500.00	2.90	0.85	0.00

Summary for Subcatchment 3Y: Post 3Y - Offsite

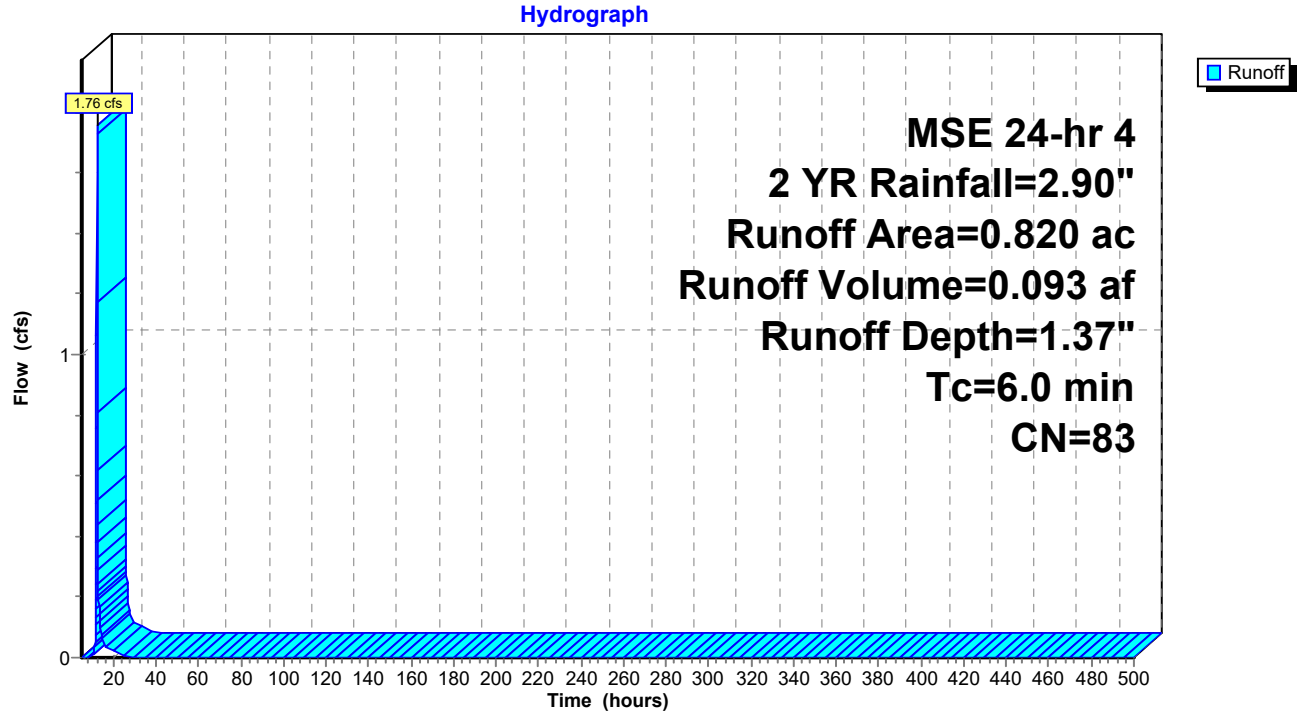
Runoff = 1.76 cfs @ 12.13 hrs, Volume= 0.093 af, Depth= 1.37"
Routed to Link 4L : Post - North

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 2 YR Rainfall=2.90"

	Area (ac)	CN	Description
*	0.300	98	Impervious
*	0.000	61	Post - B Soils
*	0.520	74	Post - C Soils
	0.820	83	Weighted Average
	0.520		63.41% Pervious Area
	0.300		36.59% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3Y: Post 3Y - Offsite



Hydrograph for Subcatchment 3Y: Post 3Y - Offsite

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.13	0.00	0.00	260.00	2.90	1.37	0.00
10.00	0.46	0.00	**0.00**	265.00	2.90	1.37	0.00
15.00	2.55	1.09	**0.06**	270.00	2.90	1.37	0.00
20.00	**2.81**	**1.29**	0.02	275.00	2.90	1.37	0.00
25.00	**2.90**	**1.37**	0.00	280.00	2.90	1.37	0.00
30.00	2.90	1.37	0.00	285.00	2.90	1.37	0.00
35.00	2.90	1.37	0.00	290.00	2.90	1.37	0.00
40.00	2.90	1.37	0.00	295.00	2.90	1.37	0.00
45.00	2.90	1.37	0.00	300.00	2.90	1.37	0.00
50.00	2.90	1.37	0.00	305.00	2.90	1.37	0.00
55.00	2.90	1.37	0.00	310.00	2.90	1.37	0.00
60.00	2.90	1.37	0.00	315.00	2.90	1.37	0.00
65.00	2.90	1.37	0.00	320.00	2.90	1.37	0.00
70.00	2.90	1.37	0.00	325.00	2.90	1.37	0.00
75.00	2.90	1.37	0.00	330.00	2.90	1.37	0.00
80.00	2.90	1.37	0.00	335.00	2.90	1.37	0.00
85.00	2.90	1.37	0.00	340.00	2.90	1.37	0.00
90.00	2.90	1.37	0.00	345.00	2.90	1.37	0.00
95.00	2.90	1.37	0.00	350.00	2.90	1.37	0.00
100.00	2.90	1.37	0.00	355.00	2.90	1.37	0.00
105.00	2.90	1.37	0.00	360.00	2.90	1.37	0.00
110.00	2.90	1.37	0.00	365.00	2.90	1.37	0.00
115.00	2.90	1.37	0.00	370.00	2.90	1.37	0.00
120.00	2.90	1.37	0.00	375.00	2.90	1.37	0.00
125.00	2.90	1.37	0.00	380.00	2.90	1.37	0.00
130.00	2.90	1.37	0.00	385.00	2.90	1.37	0.00
135.00	2.90	1.37	0.00	390.00	2.90	1.37	0.00
140.00	2.90	1.37	0.00	395.00	2.90	1.37	0.00
145.00	2.90	1.37	0.00	400.00	2.90	1.37	0.00
150.00	2.90	1.37	0.00	405.00	2.90	1.37	0.00
155.00	2.90	1.37	0.00	410.00	2.90	1.37	0.00
160.00	2.90	1.37	0.00	415.00	2.90	1.37	0.00
165.00	2.90	1.37	0.00	420.00	2.90	1.37	0.00
170.00	2.90	1.37	0.00	425.00	2.90	1.37	0.00
175.00	2.90	1.37	0.00	430.00	2.90	1.37	0.00
180.00	2.90	1.37	0.00	435.00	2.90	1.37	0.00
185.00	2.90	1.37	0.00	440.00	2.90	1.37	0.00
190.00	2.90	1.37	0.00	445.00	2.90	1.37	0.00
195.00	2.90	1.37	0.00	450.00	2.90	1.37	0.00
200.00	2.90	1.37	0.00	455.00	2.90	1.37	0.00
205.00	2.90	1.37	0.00	460.00	2.90	1.37	0.00
210.00	2.90	1.37	0.00	465.00	2.90	1.37	0.00
215.00	2.90	1.37	0.00	470.00	2.90	1.37	0.00
220.00	2.90	1.37	0.00	475.00	2.90	1.37	0.00
225.00	2.90	1.37	0.00	480.00	2.90	1.37	0.00
230.00	2.90	1.37	0.00	485.00	2.90	1.37	0.00
235.00	2.90	1.37	0.00	490.00	2.90	1.37	0.00
240.00	2.90	1.37	0.00	495.00	2.90	1.37	0.00
245.00	2.90	1.37	0.00	500.00	2.90	1.37	0.00
250.00	2.90	1.37	0.00				
255.00	2.90	1.37	0.00				

Summary for Subcatchment 3Z: Post 3Z - Offsite

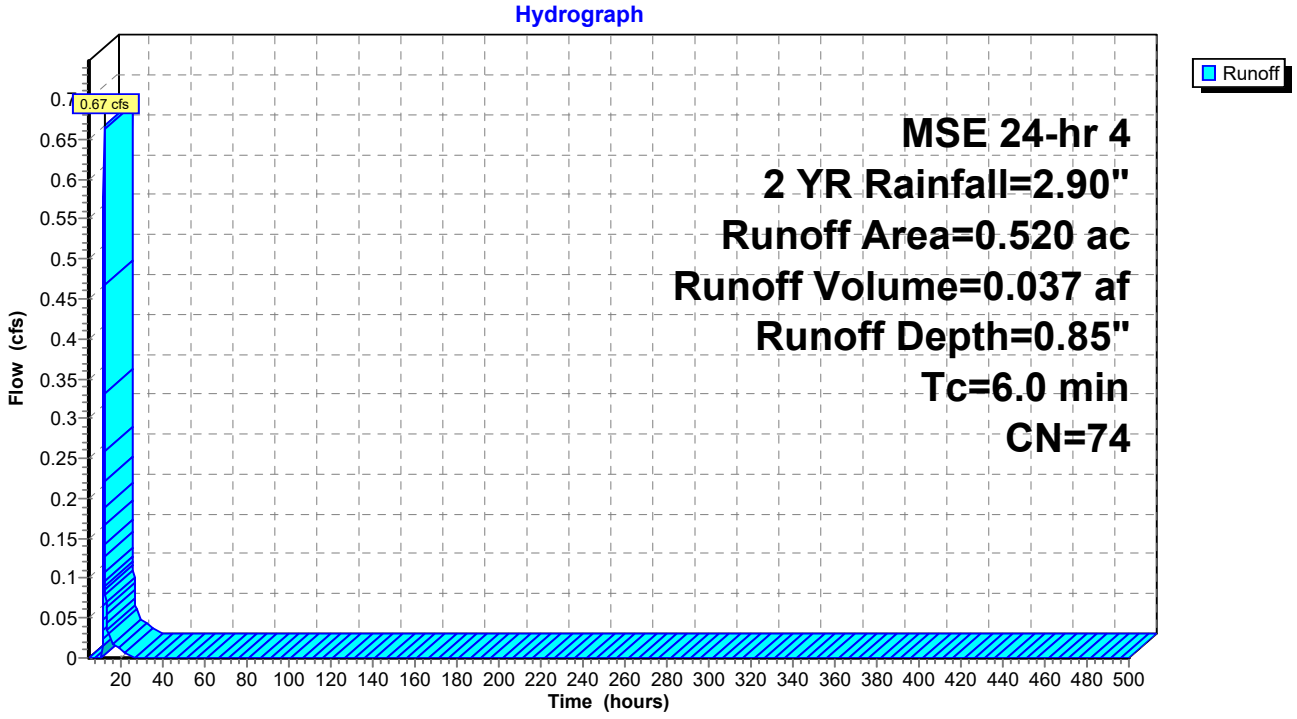
Runoff = 0.67 cfs @ 12.14 hrs, Volume= 0.037 af, Depth= 0.85"
Routed to Link 4L : Post - North

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 2 YR Rainfall=2.90"

	Area (ac)	CN	Description
*	0.000	98	Impervious
*	0.000	61	Post - B Soils
*	0.520	74	Post - C Soils
	0.520	74	Weighted Average
	0.520		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3Z: Post 3Z - Offsite



Hydrograph for Subcatchment 3Z: Post 3Z - Offsite

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.13	0.00	0.00
10.00	0.46	0.00	**0.00**
15.00	2.55	0.64	**0.03**
20.00	**2.81**	**0.79**	0.01
25.00	**2.90**	**0.85**	0.00
30.00	2.90	0.85	0.00
35.00	2.90	0.85	0.00
40.00	2.90	0.85	0.00
45.00	2.90	0.85	0.00
50.00	2.90	0.85	0.00
55.00	2.90	0.85	0.00
60.00	2.90	0.85	0.00
65.00	2.90	0.85	0.00
70.00	2.90	0.85	0.00
75.00	2.90	0.85	0.00
80.00	2.90	0.85	0.00
85.00	2.90	0.85	0.00
90.00	2.90	0.85	0.00
95.00	2.90	0.85	0.00
100.00	2.90	0.85	0.00
105.00	2.90	0.85	0.00
110.00	2.90	0.85	0.00
115.00	2.90	0.85	0.00
120.00	2.90	0.85	0.00
125.00	2.90	0.85	0.00
130.00	2.90	0.85	0.00
135.00	2.90	0.85	0.00
140.00	2.90	0.85	0.00
145.00	2.90	0.85	0.00
150.00	2.90	0.85	0.00
155.00	2.90	0.85	0.00
160.00	2.90	0.85	0.00
165.00	2.90	0.85	0.00
170.00	2.90	0.85	0.00
175.00	2.90	0.85	0.00
180.00	2.90	0.85	0.00
185.00	2.90	0.85	0.00
190.00	2.90	0.85	0.00
195.00	2.90	0.85	0.00
200.00	2.90	0.85	0.00
205.00	2.90	0.85	0.00
210.00	2.90	0.85	0.00
215.00	2.90	0.85	0.00
220.00	2.90	0.85	0.00
225.00	2.90	0.85	0.00
230.00	2.90	0.85	0.00
235.00	2.90	0.85	0.00
240.00	2.90	0.85	0.00
245.00	2.90	0.85	0.00
250.00	2.90	0.85	0.00
255.00	2.90	0.85	0.00
260.00	2.90	0.85	0.00
265.00	2.90	0.85	0.00
270.00	2.90	0.85	0.00
275.00	2.90	0.85	0.00
280.00	2.90	0.85	0.00
285.00	2.90	0.85	0.00
290.00	2.90	0.85	0.00
295.00	2.90	0.85	0.00
300.00	2.90	0.85	0.00
305.00	2.90	0.85	0.00
310.00	2.90	0.85	0.00
315.00	2.90	0.85	0.00
320.00	2.90	0.85	0.00
325.00	2.90	0.85	0.00
330.00	2.90	0.85	0.00
335.00	2.90	0.85	0.00
340.00	2.90	0.85	0.00
345.00	2.90	0.85	0.00
350.00	2.90	0.85	0.00
355.00	2.90	0.85	0.00
360.00	2.90	0.85	0.00
365.00	2.90	0.85	0.00
370.00	2.90	0.85	0.00
375.00	2.90	0.85	0.00
380.00	2.90	0.85	0.00
385.00	2.90	0.85	0.00
390.00	2.90	0.85	0.00
395.00	2.90	0.85	0.00
400.00	2.90	0.85	0.00
405.00	2.90	0.85	0.00
410.00	2.90	0.85	0.00
415.00	2.90	0.85	0.00
420.00	2.90	0.85	0.00
425.00	2.90	0.85	0.00
430.00	2.90	0.85	0.00
435.00	2.90	0.85	0.00
440.00	2.90	0.85	0.00
445.00	2.90	0.85	0.00
450.00	2.90	0.85	0.00
455.00	2.90	0.85	0.00
460.00	2.90	0.85	0.00
465.00	2.90	0.85	0.00
470.00	2.90	0.85	0.00
475.00	2.90	0.85	0.00
480.00	2.90	0.85	0.00
485.00	2.90	0.85	0.00
490.00	2.90	0.85	0.00
495.00	2.90	0.85	0.00
500.00	2.90	0.85	0.00

Summary for Subcatchment 5S: Culvert 1

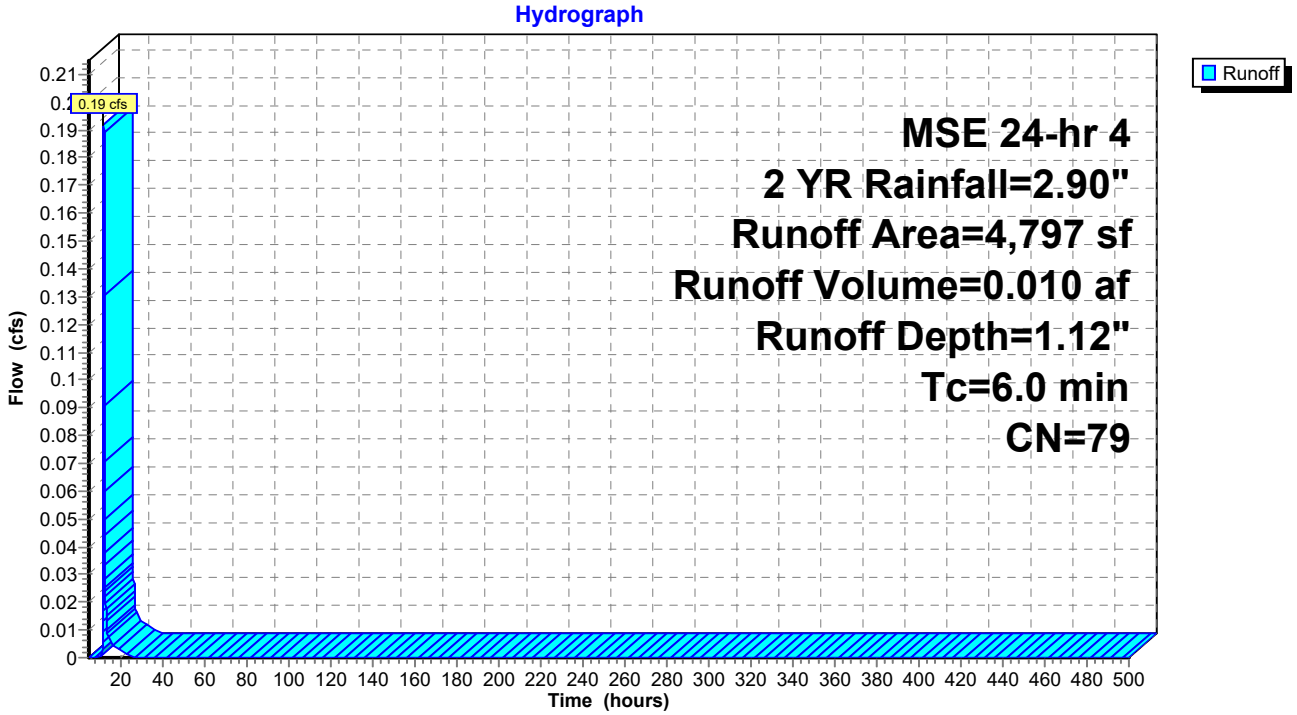
Runoff = 0.19 cfs @ 12.14 hrs, Volume= 0.010 af, Depth= 1.12"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 2 YR Rainfall=2.90"

	Area (sf)	CN	Description
*	2,465	61	Post - B Soils
*	2,332	98	Impervious
	4,797	79	Weighted Average
	2,465		51.39% Pervious Area
	2,332		48.61% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 5S: Culvert 1



Hydrograph for Subcatchment 5S: Culvert 1

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.13	0.00	0.00	260.00	2.90	1.12	0.00
10.00	0.46	0.00	**0.00**	265.00	2.90	1.12	0.00
15.00	2.55	0.87	**0.01**	270.00	2.90	1.12	0.00
20.00	**2.81**	**1.05**	0.00	275.00	2.90	1.12	0.00
25.00	**2.90**	**1.12**	0.00	280.00	2.90	1.12	0.00
30.00	2.90	1.12	0.00	285.00	2.90	1.12	0.00
35.00	2.90	1.12	0.00	290.00	2.90	1.12	0.00
40.00	2.90	1.12	0.00	295.00	2.90	1.12	0.00
45.00	2.90	1.12	0.00	300.00	2.90	1.12	0.00
50.00	2.90	1.12	0.00	305.00	2.90	1.12	0.00
55.00	2.90	1.12	0.00	310.00	2.90	1.12	0.00
60.00	2.90	1.12	0.00	315.00	2.90	1.12	0.00
65.00	2.90	1.12	0.00	320.00	2.90	1.12	0.00
70.00	2.90	1.12	0.00	325.00	2.90	1.12	0.00
75.00	2.90	1.12	0.00	330.00	2.90	1.12	0.00
80.00	2.90	1.12	0.00	335.00	2.90	1.12	0.00
85.00	2.90	1.12	0.00	340.00	2.90	1.12	0.00
90.00	2.90	1.12	0.00	345.00	2.90	1.12	0.00
95.00	2.90	1.12	0.00	350.00	2.90	1.12	0.00
100.00	2.90	1.12	0.00	355.00	2.90	1.12	0.00
105.00	2.90	1.12	0.00	360.00	2.90	1.12	0.00
110.00	2.90	1.12	0.00	365.00	2.90	1.12	0.00
115.00	2.90	1.12	0.00	370.00	2.90	1.12	0.00
120.00	2.90	1.12	0.00	375.00	2.90	1.12	0.00
125.00	2.90	1.12	0.00	380.00	2.90	1.12	0.00
130.00	2.90	1.12	0.00	385.00	2.90	1.12	0.00
135.00	2.90	1.12	0.00	390.00	2.90	1.12	0.00
140.00	2.90	1.12	0.00	395.00	2.90	1.12	0.00
145.00	2.90	1.12	0.00	400.00	2.90	1.12	0.00
150.00	2.90	1.12	0.00	405.00	2.90	1.12	0.00
155.00	2.90	1.12	0.00	410.00	2.90	1.12	0.00
160.00	2.90	1.12	0.00	415.00	2.90	1.12	0.00
165.00	2.90	1.12	0.00	420.00	2.90	1.12	0.00
170.00	2.90	1.12	0.00	425.00	2.90	1.12	0.00
175.00	2.90	1.12	0.00	430.00	2.90	1.12	0.00
180.00	2.90	1.12	0.00	435.00	2.90	1.12	0.00
185.00	2.90	1.12	0.00	440.00	2.90	1.12	0.00
190.00	2.90	1.12	0.00	445.00	2.90	1.12	0.00
195.00	2.90	1.12	0.00	450.00	2.90	1.12	0.00
200.00	2.90	1.12	0.00	455.00	2.90	1.12	0.00
205.00	2.90	1.12	0.00	460.00	2.90	1.12	0.00
210.00	2.90	1.12	0.00	465.00	2.90	1.12	0.00
215.00	2.90	1.12	0.00	470.00	2.90	1.12	0.00
220.00	2.90	1.12	0.00	475.00	2.90	1.12	0.00
225.00	2.90	1.12	0.00	480.00	2.90	1.12	0.00
230.00	2.90	1.12	0.00	485.00	2.90	1.12	0.00
235.00	2.90	1.12	0.00	490.00	2.90	1.12	0.00
240.00	2.90	1.12	0.00	495.00	2.90	1.12	0.00
245.00	2.90	1.12	0.00	500.00	2.90	1.12	0.00
250.00	2.90	1.12	0.00				
255.00	2.90	1.12	0.00				

Summary for Subcatchment 6S: Culvert 2

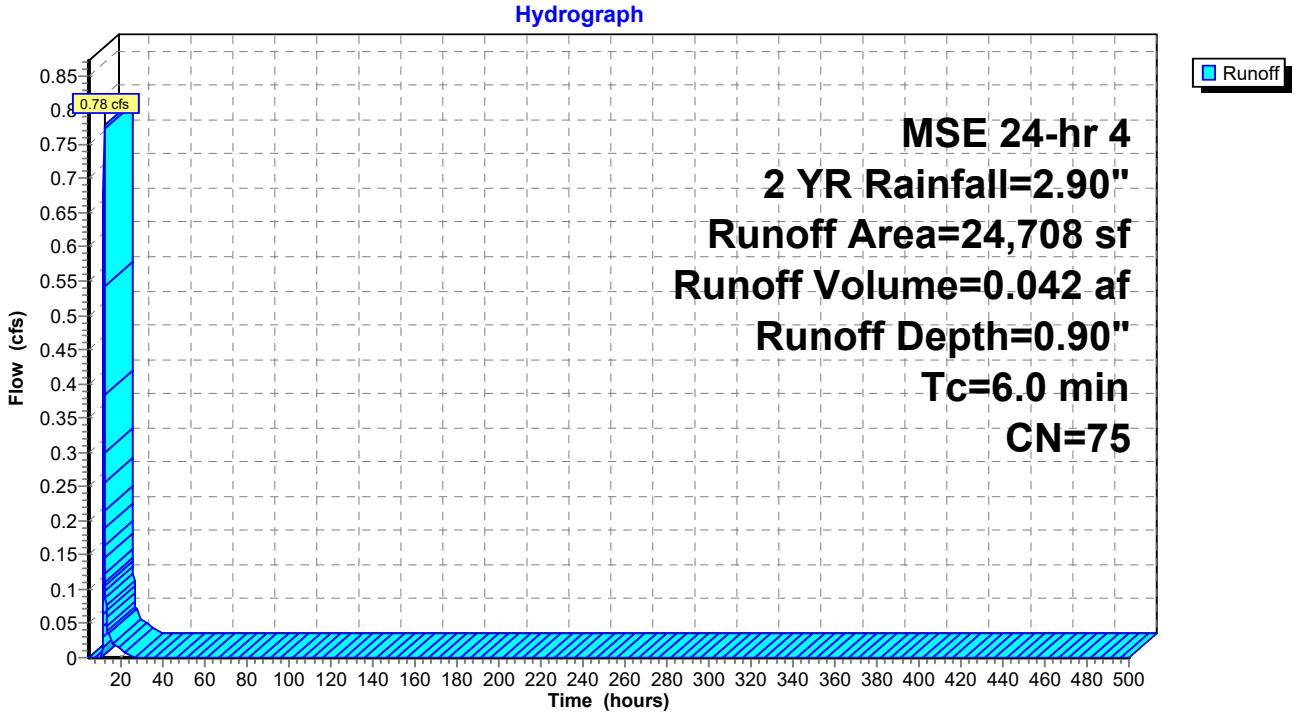
Runoff = 0.78 cfs @ 12.14 hrs, Volume= 0.042 af, Depth= 0.90"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 2 YR Rainfall=2.90"

	Area (sf)	CN	Description
*	15,597	61	Post - B Soils
*	9,111	98	Impervious
	24,708	75	Weighted Average
	15,597		63.13% Pervious Area
	9,111		36.87% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 6S: Culvert 2



Hydrograph for Subcatchment 6S: Culvert 2

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.13	0.00	0.00
10.00	0.46	0.00	**0.00**
15.00	2.55	0.68	**0.03**
20.00	**2.81**	**0.84**	0.01
25.00	**2.90**	**0.90**	0.00
30.00	2.90	0.90	0.00
35.00	2.90	0.90	0.00
40.00	2.90	0.90	0.00
45.00	2.90	0.90	0.00
50.00	2.90	0.90	0.00
55.00	2.90	0.90	0.00
60.00	2.90	0.90	0.00
65.00	2.90	0.90	0.00
70.00	2.90	0.90	0.00
75.00	2.90	0.90	0.00
80.00	2.90	0.90	0.00
85.00	2.90	0.90	0.00
90.00	2.90	0.90	0.00
95.00	2.90	0.90	0.00
100.00	2.90	0.90	0.00
105.00	2.90	0.90	0.00
110.00	2.90	0.90	0.00
115.00	2.90	0.90	0.00
120.00	2.90	0.90	0.00
125.00	2.90	0.90	0.00
130.00	2.90	0.90	0.00
135.00	2.90	0.90	0.00
140.00	2.90	0.90	0.00
145.00	2.90	0.90	0.00
150.00	2.90	0.90	0.00
155.00	2.90	0.90	0.00
160.00	2.90	0.90	0.00
165.00	2.90	0.90	0.00
170.00	2.90	0.90	0.00
175.00	2.90	0.90	0.00
180.00	2.90	0.90	0.00
185.00	2.90	0.90	0.00
190.00	2.90	0.90	0.00
195.00	2.90	0.90	0.00
200.00	2.90	0.90	0.00
205.00	2.90	0.90	0.00
210.00	2.90	0.90	0.00
215.00	2.90	0.90	0.00
220.00	2.90	0.90	0.00
225.00	2.90	0.90	0.00
230.00	2.90	0.90	0.00
235.00	2.90	0.90	0.00
240.00	2.90	0.90	0.00
245.00	2.90	0.90	0.00
250.00	2.90	0.90	0.00
255.00	2.90	0.90	0.00
260.00	2.90	0.90	0.00
265.00	2.90	0.90	0.00
270.00	2.90	0.90	0.00
275.00	2.90	0.90	0.00
280.00	2.90	0.90	0.00
285.00	2.90	0.90	0.00
290.00	2.90	0.90	0.00
295.00	2.90	0.90	0.00
300.00	2.90	0.90	0.00
305.00	2.90	0.90	0.00
310.00	2.90	0.90	0.00
315.00	2.90	0.90	0.00
320.00	2.90	0.90	0.00
325.00	2.90	0.90	0.00
330.00	2.90	0.90	0.00
335.00	2.90	0.90	0.00
340.00	2.90	0.90	0.00
345.00	2.90	0.90	0.00
350.00	2.90	0.90	0.00
355.00	2.90	0.90	0.00
360.00	2.90	0.90	0.00
365.00	2.90	0.90	0.00
370.00	2.90	0.90	0.00
375.00	2.90	0.90	0.00
380.00	2.90	0.90	0.00
385.00	2.90	0.90	0.00
390.00	2.90	0.90	0.00
395.00	2.90	0.90	0.00
400.00	2.90	0.90	0.00
405.00	2.90	0.90	0.00
410.00	2.90	0.90	0.00
415.00	2.90	0.90	0.00
420.00	2.90	0.90	0.00
425.00	2.90	0.90	0.00
430.00	2.90	0.90	0.00
435.00	2.90	0.90	0.00
440.00	2.90	0.90	0.00
445.00	2.90	0.90	0.00
450.00	2.90	0.90	0.00
455.00	2.90	0.90	0.00
460.00	2.90	0.90	0.00
465.00	2.90	0.90	0.00
470.00	2.90	0.90	0.00
475.00	2.90	0.90	0.00
480.00	2.90	0.90	0.00
485.00	2.90	0.90	0.00
490.00	2.90	0.90	0.00
495.00	2.90	0.90	0.00
500.00	2.90	0.90	0.00

Summary for Subcatchment 7S: Culvert 3

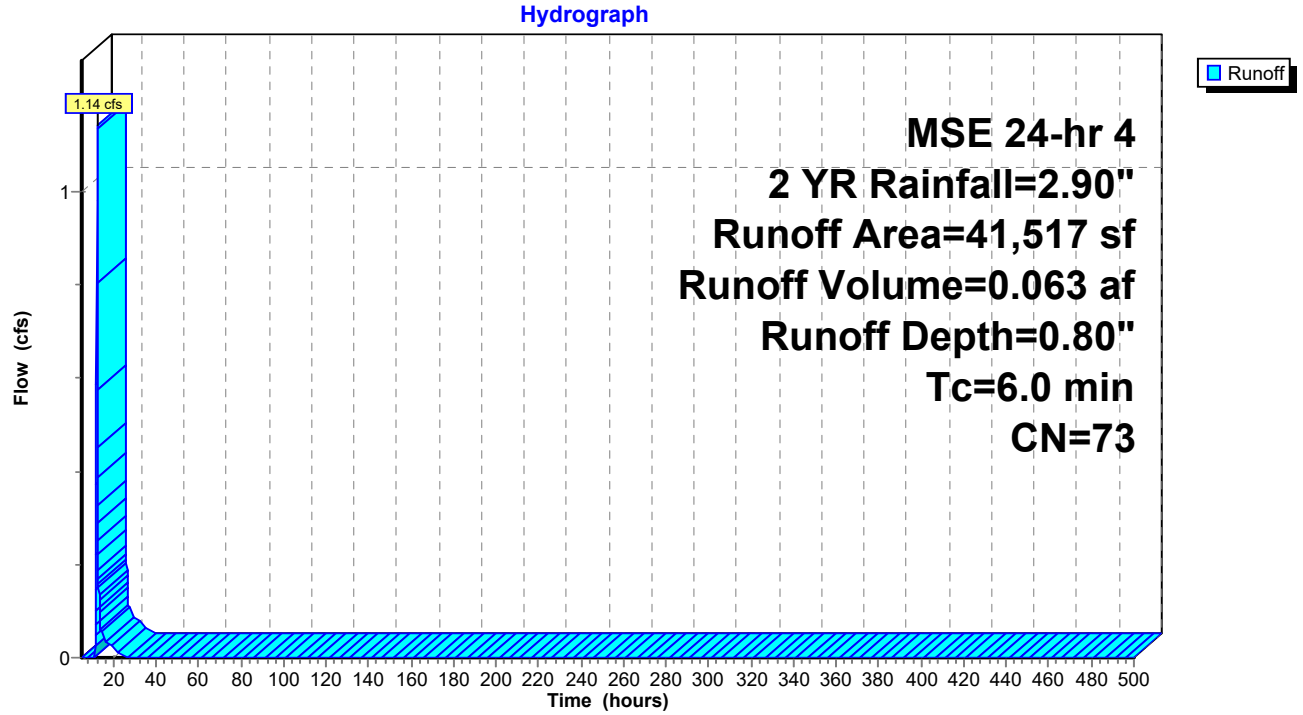
Runoff = 1.14 cfs @ 12.14 hrs, Volume= 0.063 af, Depth= 0.80"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 2 YR Rainfall=2.90"

	Area (sf)	CN	Description
*	28,233	61	Post - B Soils
*	13,284	98	Impervious
	41,517	73	Weighted Average
	28,233		68.00% Pervious Area
	13,284		32.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 7S: Culvert 3



Hydrograph for Subcatchment 7S: Culvert 3

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.13	0.00	0.00	260.00	2.90	0.80	0.00
10.00	0.46	0.00	**0.00**	265.00	2.90	0.80	0.00
15.00	2.55	0.59	**0.05**	270.00	2.90	0.80	0.00
20.00	**2.81**	**0.74**	0.02	275.00	2.90	0.80	0.00
25.00	**2.90**	**0.80**	0.00	280.00	2.90	0.80	0.00
30.00	2.90	0.80	0.00	285.00	2.90	0.80	0.00
35.00	2.90	0.80	0.00	290.00	2.90	0.80	0.00
40.00	2.90	0.80	0.00	295.00	2.90	0.80	0.00
45.00	2.90	0.80	0.00	300.00	2.90	0.80	0.00
50.00	2.90	0.80	0.00	305.00	2.90	0.80	0.00
55.00	2.90	0.80	0.00	310.00	2.90	0.80	0.00
60.00	2.90	0.80	0.00	315.00	2.90	0.80	0.00
65.00	2.90	0.80	0.00	320.00	2.90	0.80	0.00
70.00	2.90	0.80	0.00	325.00	2.90	0.80	0.00
75.00	2.90	0.80	0.00	330.00	2.90	0.80	0.00
80.00	2.90	0.80	0.00	335.00	2.90	0.80	0.00
85.00	2.90	0.80	0.00	340.00	2.90	0.80	0.00
90.00	2.90	0.80	0.00	345.00	2.90	0.80	0.00
95.00	2.90	0.80	0.00	350.00	2.90	0.80	0.00
100.00	2.90	0.80	0.00	355.00	2.90	0.80	0.00
105.00	2.90	0.80	0.00	360.00	2.90	0.80	0.00
110.00	2.90	0.80	0.00	365.00	2.90	0.80	0.00
115.00	2.90	0.80	0.00	370.00	2.90	0.80	0.00
120.00	2.90	0.80	0.00	375.00	2.90	0.80	0.00
125.00	2.90	0.80	0.00	380.00	2.90	0.80	0.00
130.00	2.90	0.80	0.00	385.00	2.90	0.80	0.00
135.00	2.90	0.80	0.00	390.00	2.90	0.80	0.00
140.00	2.90	0.80	0.00	395.00	2.90	0.80	0.00
145.00	2.90	0.80	0.00	400.00	2.90	0.80	0.00
150.00	2.90	0.80	0.00	405.00	2.90	0.80	0.00
155.00	2.90	0.80	0.00	410.00	2.90	0.80	0.00
160.00	2.90	0.80	0.00	415.00	2.90	0.80	0.00
165.00	2.90	0.80	0.00	420.00	2.90	0.80	0.00
170.00	2.90	0.80	0.00	425.00	2.90	0.80	0.00
175.00	2.90	0.80	0.00	430.00	2.90	0.80	0.00
180.00	2.90	0.80	0.00	435.00	2.90	0.80	0.00
185.00	2.90	0.80	0.00	440.00	2.90	0.80	0.00
190.00	2.90	0.80	0.00	445.00	2.90	0.80	0.00
195.00	2.90	0.80	0.00	450.00	2.90	0.80	0.00
200.00	2.90	0.80	0.00	455.00	2.90	0.80	0.00
205.00	2.90	0.80	0.00	460.00	2.90	0.80	0.00
210.00	2.90	0.80	0.00	465.00	2.90	0.80	0.00
215.00	2.90	0.80	0.00	470.00	2.90	0.80	0.00
220.00	2.90	0.80	0.00	475.00	2.90	0.80	0.00
225.00	2.90	0.80	0.00	480.00	2.90	0.80	0.00
230.00	2.90	0.80	0.00	485.00	2.90	0.80	0.00
235.00	2.90	0.80	0.00	490.00	2.90	0.80	0.00
240.00	2.90	0.80	0.00	495.00	2.90	0.80	0.00
245.00	2.90	0.80	0.00	500.00	2.90	0.80	0.00
250.00	2.90	0.80	0.00				
255.00	2.90	0.80	0.00				

Summary for Subcatchment 8S: Culvert 4

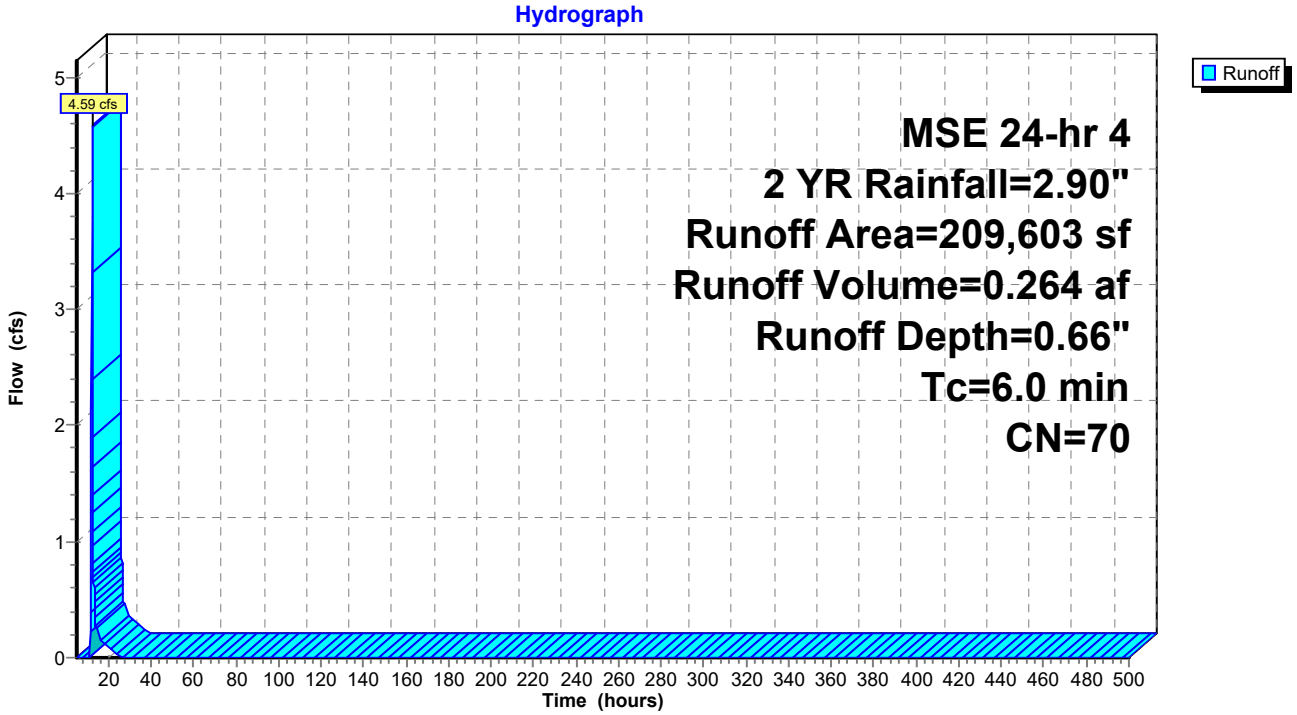
Runoff = 4.59 cfs @ 12.14 hrs, Volume= 0.264 af, Depth= 0.66"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 2 YR Rainfall=2.90"

	Area (sf)	CN	Description
*	156,823	61	Post - B Soils
*	52,780	98	Impervious
	209,603	70	Weighted Average
	156,823		74.82% Pervious Area
	52,780		25.18% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 8S: Culvert 4



Hydrograph for Subcatchment 8S: Culvert 4

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.13	0.00	0.00
10.00	0.46	0.00	**0.00**
15.00	2.55	0.48	**0.24**
20.00	**2.81**	**0.61**	0.09
25.00	**2.90**	**0.66**	0.00
30.00	2.90	0.66	0.00
35.00	2.90	0.66	0.00
40.00	2.90	0.66	0.00
45.00	2.90	0.66	0.00
50.00	2.90	0.66	0.00
55.00	2.90	0.66	0.00
60.00	2.90	0.66	0.00
65.00	2.90	0.66	0.00
70.00	2.90	0.66	0.00
75.00	2.90	0.66	0.00
80.00	2.90	0.66	0.00
85.00	2.90	0.66	0.00
90.00	2.90	0.66	0.00
95.00	2.90	0.66	0.00
100.00	2.90	0.66	0.00
105.00	2.90	0.66	0.00
110.00	2.90	0.66	0.00
115.00	2.90	0.66	0.00
120.00	2.90	0.66	0.00
125.00	2.90	0.66	0.00
130.00	2.90	0.66	0.00
135.00	2.90	0.66	0.00
140.00	2.90	0.66	0.00
145.00	2.90	0.66	0.00
150.00	2.90	0.66	0.00
155.00	2.90	0.66	0.00
160.00	2.90	0.66	0.00
165.00	2.90	0.66	0.00
170.00	2.90	0.66	0.00
175.00	2.90	0.66	0.00
180.00	2.90	0.66	0.00
185.00	2.90	0.66	0.00
190.00	2.90	0.66	0.00
195.00	2.90	0.66	0.00
200.00	2.90	0.66	0.00
205.00	2.90	0.66	0.00
210.00	2.90	0.66	0.00
215.00	2.90	0.66	0.00
220.00	2.90	0.66	0.00
225.00	2.90	0.66	0.00
230.00	2.90	0.66	0.00
235.00	2.90	0.66	0.00
240.00	2.90	0.66	0.00
245.00	2.90	0.66	0.00
250.00	2.90	0.66	0.00
255.00	2.90	0.66	0.00
260.00	2.90	0.66	0.00
265.00	2.90	0.66	0.00
270.00	2.90	0.66	0.00
275.00	2.90	0.66	0.00
280.00	2.90	0.66	0.00
285.00	2.90	0.66	0.00
290.00	2.90	0.66	0.00
295.00	2.90	0.66	0.00
300.00	2.90	0.66	0.00
305.00	2.90	0.66	0.00
310.00	2.90	0.66	0.00
315.00	2.90	0.66	0.00
320.00	2.90	0.66	0.00
325.00	2.90	0.66	0.00
330.00	2.90	0.66	0.00
335.00	2.90	0.66	0.00
340.00	2.90	0.66	0.00
345.00	2.90	0.66	0.00
350.00	2.90	0.66	0.00
355.00	2.90	0.66	0.00
360.00	2.90	0.66	0.00
365.00	2.90	0.66	0.00
370.00	2.90	0.66	0.00
375.00	2.90	0.66	0.00
380.00	2.90	0.66	0.00
385.00	2.90	0.66	0.00
390.00	2.90	0.66	0.00
395.00	2.90	0.66	0.00
400.00	2.90	0.66	0.00
405.00	2.90	0.66	0.00
410.00	2.90	0.66	0.00
415.00	2.90	0.66	0.00
420.00	2.90	0.66	0.00
425.00	2.90	0.66	0.00
430.00	2.90	0.66	0.00
435.00	2.90	0.66	0.00
440.00	2.90	0.66	0.00
445.00	2.90	0.66	0.00
450.00	2.90	0.66	0.00
455.00	2.90	0.66	0.00
460.00	2.90	0.66	0.00
465.00	2.90	0.66	0.00
470.00	2.90	0.66	0.00
475.00	2.90	0.66	0.00
480.00	2.90	0.66	0.00
485.00	2.90	0.66	0.00
490.00	2.90	0.66	0.00
495.00	2.90	0.66	0.00
500.00	2.90	0.66	0.00

Summary for Subcatchment 9S: Culvert 5

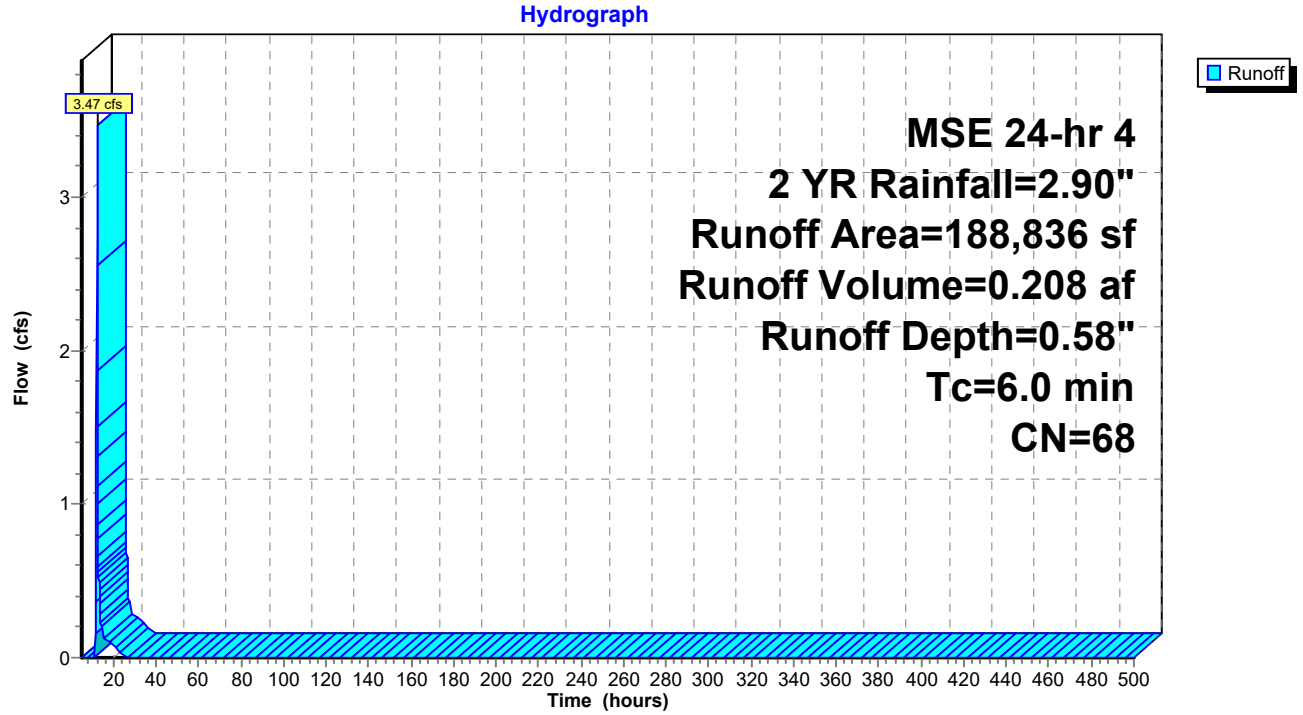
Runoff = 3.47 cfs @ 12.15 hrs, Volume= 0.208 af, Depth= 0.58"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 2 YR Rainfall=2.90"

	Area (sf)	CN	Description
*	151,149	61	Post - B Soils
*	37,687	98	Impervious
	188,836	68	Weighted Average
	151,149		80.04% Pervious Area
	37,687		19.96% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 9S: Culvert 5



Hydrograph for Subcatchment 9S: Culvert 5

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.13	0.00	0.00
10.00	0.46	0.00	**0.00**
15.00	2.55	0.41	**0.20**
20.00	**2.81**	**0.53**	0.08
25.00	**2.90**	**0.58**	0.00
30.00	2.90	0.58	0.00
35.00	2.90	0.58	0.00
40.00	2.90	0.58	0.00
45.00	2.90	0.58	0.00
50.00	2.90	0.58	0.00
55.00	2.90	0.58	0.00
60.00	2.90	0.58	0.00
65.00	2.90	0.58	0.00
70.00	2.90	0.58	0.00
75.00	2.90	0.58	0.00
80.00	2.90	0.58	0.00
85.00	2.90	0.58	0.00
90.00	2.90	0.58	0.00
95.00	2.90	0.58	0.00
100.00	2.90	0.58	0.00
105.00	2.90	0.58	0.00
110.00	2.90	0.58	0.00
115.00	2.90	0.58	0.00
120.00	2.90	0.58	0.00
125.00	2.90	0.58	0.00
130.00	2.90	0.58	0.00
135.00	2.90	0.58	0.00
140.00	2.90	0.58	0.00
145.00	2.90	0.58	0.00
150.00	2.90	0.58	0.00
155.00	2.90	0.58	0.00
160.00	2.90	0.58	0.00
165.00	2.90	0.58	0.00
170.00	2.90	0.58	0.00
175.00	2.90	0.58	0.00
180.00	2.90	0.58	0.00
185.00	2.90	0.58	0.00
190.00	2.90	0.58	0.00
195.00	2.90	0.58	0.00
200.00	2.90	0.58	0.00
205.00	2.90	0.58	0.00
210.00	2.90	0.58	0.00
215.00	2.90	0.58	0.00
220.00	2.90	0.58	0.00
225.00	2.90	0.58	0.00
230.00	2.90	0.58	0.00
235.00	2.90	0.58	0.00
240.00	2.90	0.58	0.00
245.00	2.90	0.58	0.00
250.00	2.90	0.58	0.00
255.00	2.90	0.58	0.00
260.00	2.90	0.58	0.00
265.00	2.90	0.58	0.00
270.00	2.90	0.58	0.00
275.00	2.90	0.58	0.00
280.00	2.90	0.58	0.00
285.00	2.90	0.58	0.00
290.00	2.90	0.58	0.00
295.00	2.90	0.58	0.00
300.00	2.90	0.58	0.00
305.00	2.90	0.58	0.00
310.00	2.90	0.58	0.00
315.00	2.90	0.58	0.00
320.00	2.90	0.58	0.00
325.00	2.90	0.58	0.00
330.00	2.90	0.58	0.00
335.00	2.90	0.58	0.00
340.00	2.90	0.58	0.00
345.00	2.90	0.58	0.00
350.00	2.90	0.58	0.00
355.00	2.90	0.58	0.00
360.00	2.90	0.58	0.00
365.00	2.90	0.58	0.00
370.00	2.90	0.58	0.00
375.00	2.90	0.58	0.00
380.00	2.90	0.58	0.00
385.00	2.90	0.58	0.00
390.00	2.90	0.58	0.00
395.00	2.90	0.58	0.00
400.00	2.90	0.58	0.00
405.00	2.90	0.58	0.00
410.00	2.90	0.58	0.00
415.00	2.90	0.58	0.00
420.00	2.90	0.58	0.00
425.00	2.90	0.58	0.00
430.00	2.90	0.58	0.00
435.00	2.90	0.58	0.00
440.00	2.90	0.58	0.00
445.00	2.90	0.58	0.00
450.00	2.90	0.58	0.00
455.00	2.90	0.58	0.00
460.00	2.90	0.58	0.00
465.00	2.90	0.58	0.00
470.00	2.90	0.58	0.00
475.00	2.90	0.58	0.00
480.00	2.90	0.58	0.00
485.00	2.90	0.58	0.00
490.00	2.90	0.58	0.00
495.00	2.90	0.58	0.00
500.00	2.90	0.58	0.00

Summary for Pond P1A: Pond 1A

Inflow Area = 6.030 ac, 19.24% Impervious, Inflow Depth = 0.58" for 2 YR event
Inflow = 4.83 cfs @ 12.15 hrs, Volume= 0.289 af
Outflow = 0.45 cfs @ 13.52 hrs, Volume= 0.289 af, Atten= 91%, Lag= 82.3 min
Primary = 0.06 cfs @ 13.52 hrs, Volume= 0.010 af
Routed to Link 3L : Post - South
Secondary = 0.38 cfs @ 13.52 hrs, Volume= 0.279 af
Tertiary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,240.45' @ 13.52 hrs Surf.Area= 4,591 sf Storage= 5,132 cf

Plug-Flow detention time= 141.5 min calculated for 0.289 af (100% of inflow)
Center-of-Mass det. time= 141.5 min (1,010.2 - 868.7)

Volume	Invert	Avail.Storage	Storage Description
#1	1,239.00'	30,563 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

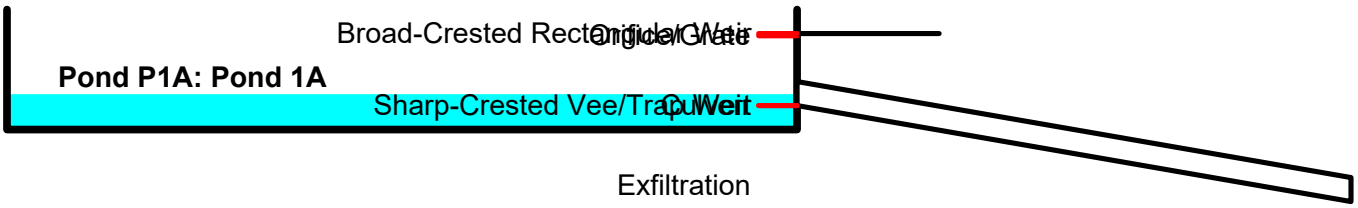
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,239.00	2,496	0	0
1,244.00	9,729	30,563	30,563

Device	Routing	Invert	Outlet Devices
#1	Primary	1,240.00'	**12.0" Round Culvert** L= 39.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,240.00' / 1,236.00' S= 0.1026 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,240.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,242.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Secondary	1,239.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,243.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

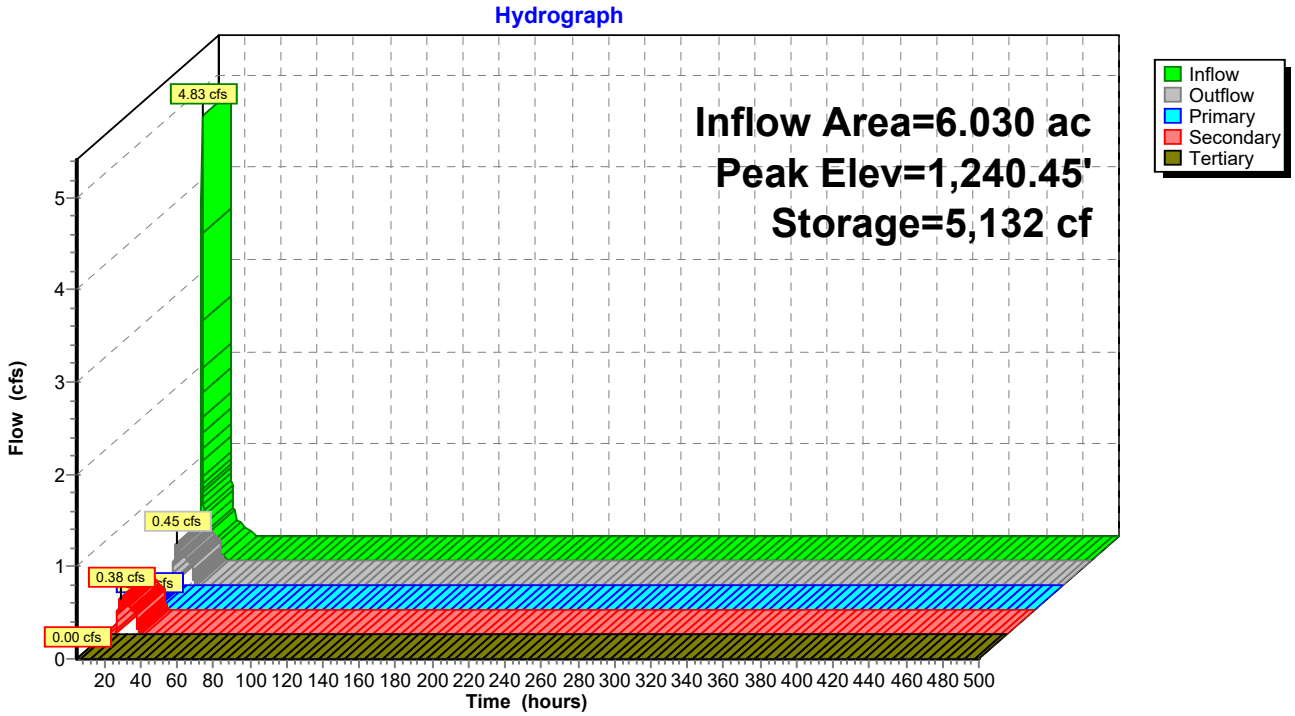
Primary OutFlow Max=0.06 cfs @ 13.52 hrs HW=1,240.45' (Free Discharge)
└**1=Culvert** (Passes 0.06 cfs of 0.78 cfs potential flow)
├**2=Sharp-Crested Vee/Trap Weir** (Weir Controls 0.06 cfs @ 1.80 fps)
└**3=Orifice/Grate** (Controls 0.00 cfs)

Secondary OutFlow Max=0.38 cfs @ 13.52 hrs HW=1,240.45' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.38 cfs)

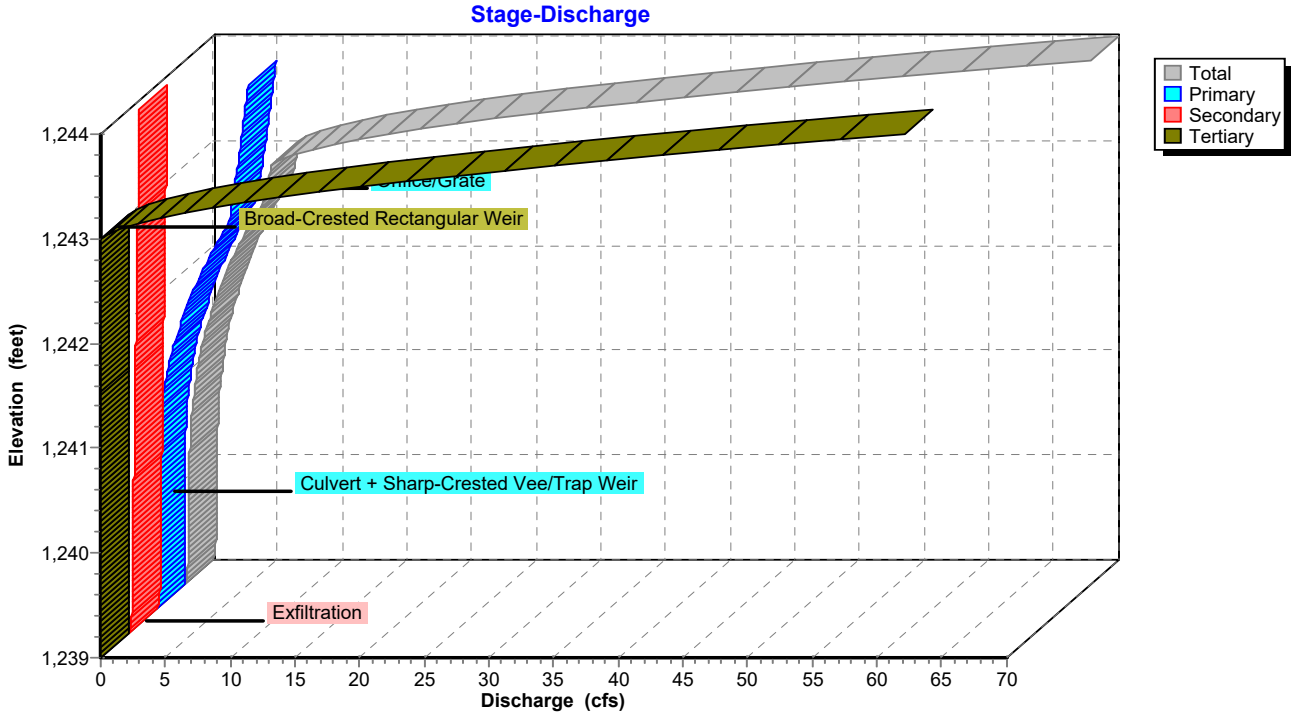
Tertiary OutFlow Max=0.00 cfs @ 5.00 hrs HW=1,239.00' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)



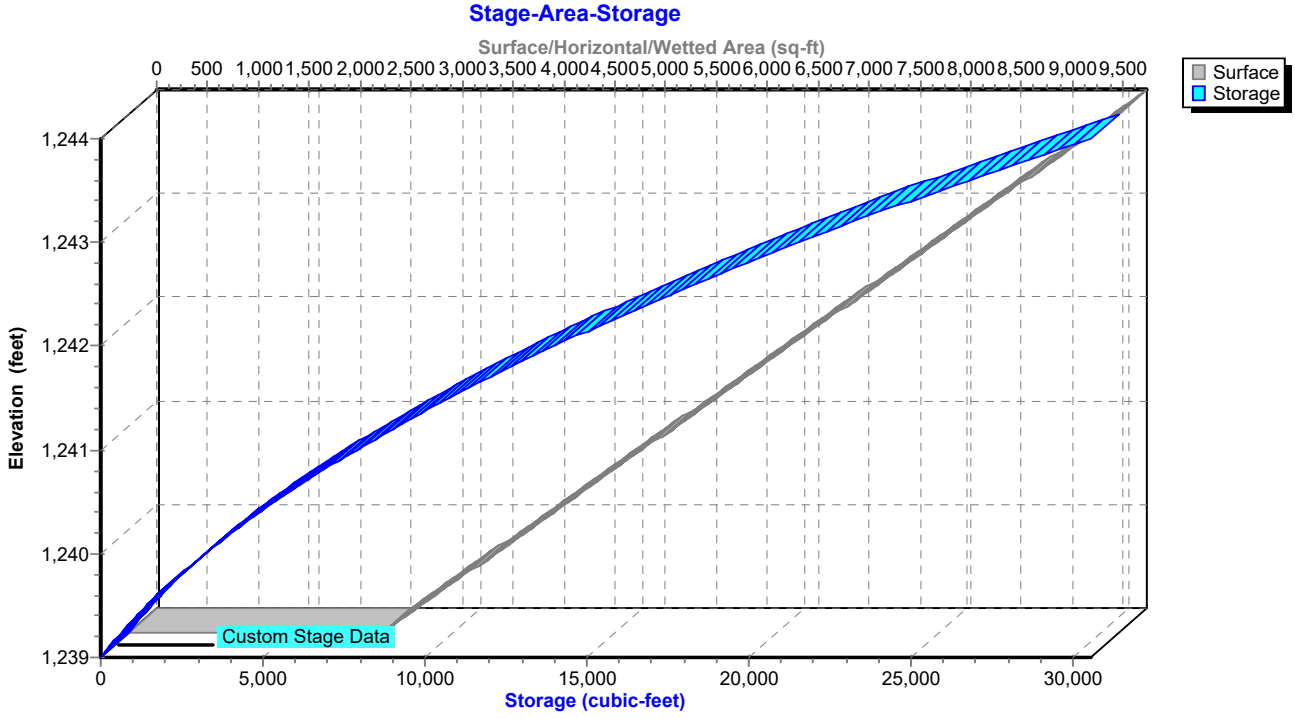
Pond P1A: Pond 1A



Pond P1A: Pond 1A



Pond P1A: Pond 1A



Hydrograph for Pond P1A: Pond 1A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,239.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**0.28**	**4,507**	**1,240.31**	**0.39**	**0.03**	**0.37**	0.00
25.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
35.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P1A: Pond 1A

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,239.00	0.00	0.00	0.00	0.00
1,239.10	0.22	0.00	0.22	0.00
1,239.20	0.23	0.00	0.23	0.00
1,239.30	0.24	0.00	0.24	0.00
1,239.40	0.26	0.00	0.26	0.00
1,239.50	0.27	0.00	0.27	0.00
1,239.60	0.28	0.00	0.28	0.00
1,239.70	0.29	0.00	0.29	0.00
1,239.80	0.30	0.00	0.30	0.00
1,239.90	0.32	0.00	0.32	0.00
1,240.00	0.33	0.00	0.33	0.00
1,240.10	0.34	0.00	0.34	0.00
1,240.20	0.36	0.01	0.35	0.00
1,240.30	0.39	0.02	0.36	0.00
1,240.40	0.42	0.05	0.38	0.00
1,240.50	0.47	0.08	0.39	0.00
1,240.60	0.53	0.13	0.40	0.00
1,240.70	0.61	0.19	0.41	0.00
1,240.80	0.70	0.27	0.42	0.00
1,240.90	0.80	0.36	0.44	0.00
1,241.00	0.92	0.47	0.45	0.00
1,241.10	1.06	0.60	0.46	0.00
1,241.20	1.22	0.75	0.47	0.00
1,241.30	1.40	0.91	0.49	0.00
1,241.40	1.60	1.10	0.50	0.00
1,241.50	1.82	1.31	0.51	0.00
1,241.60	2.06	1.54	0.52	0.00
1,241.70	2.32	1.79	0.53	0.00
1,241.80	2.61	2.06	0.55	0.00
1,241.90	2.92	2.36	0.56	0.00
1,242.00	3.25	2.68	0.57	0.00
1,242.10	3.61	3.03	0.58	0.00
1,242.20	4.00	3.41	0.59	0.00
1,242.30	4.41	3.81	0.61	0.00
1,242.40	4.85	4.23	0.62	0.00
1,242.50	5.32	4.69	0.63	0.00
1,242.60	5.81	5.17	0.64	0.00
1,242.70	6.26	5.61	0.65	0.00
1,242.80	6.40	5.74	0.67	0.00
1,242.90	6.54	5.86	0.68	0.00
1,243.00	6.67	5.98	0.69	0.00
1,243.10	8.40	6.10	0.70	1.60
1,243.20	11.53	6.21	0.71	4.60
1,243.30	15.75	6.33	0.73	8.70
1,243.40	20.96	6.44	0.74	13.78
1,243.50	27.39	6.55	0.75	20.08
1,243.60	34.93	6.66	0.76	27.51
1,243.70	42.64	6.76	0.77	35.10
1,243.80	51.08	6.87	0.79	43.42
1,243.90	60.22	6.97	0.80	52.45
1,244.00	**70.06**	**7.07**	**0.81**	**62.18**

Stage-Area-Storage for Pond P1A: Pond 1A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,239.00	2,496	0	1,241.55	6,185	11,068
1,239.05	2,568	127	1,241.60	6,257	11,379
1,239.10	2,641	257	1,241.65	6,329	11,694
1,239.15	2,713	391	1,241.70	6,402	12,012
1,239.20	2,785	528	1,241.75	6,474	12,334
1,239.25	2,858	669	1,241.80	6,546	12,659
1,239.30	2,930	814	1,241.85	6,619	12,989
1,239.35	3,002	962	1,241.90	6,691	13,321
1,239.40	3,075	1,114	1,241.95	6,763	13,658
1,239.45	3,147	1,270	1,242.00	6,836	13,998
1,239.50	3,219	1,429	1,242.05	6,908	14,341
1,239.55	3,292	1,592	1,242.10	6,980	14,689
1,239.60	3,364	1,758	1,242.15	7,053	15,039
1,239.65	3,436	1,928	1,242.20	7,125	15,394
1,239.70	3,509	2,102	1,242.25	7,197	15,752
1,239.75	3,581	2,279	1,242.30	7,270	16,114
1,239.80	3,653	2,460	1,242.35	7,342	16,479
1,239.85	3,726	2,644	1,242.40	7,414	16,848
1,239.90	3,798	2,832	1,242.45	7,487	17,220
1,239.95	3,870	3,024	1,242.50	7,559	17,596
1,240.00	3,943	3,219	1,242.55	7,631	17,976
1,240.05	4,015	3,418	1,242.60	7,704	18,360
1,240.10	4,087	3,621	1,242.65	7,776	18,747
1,240.15	4,160	3,827	1,242.70	7,848	19,137
1,240.20	4,232	4,037	1,242.75	7,921	19,531
1,240.25	4,304	4,250	1,242.80	7,993	19,929
1,240.30	4,377	4,467	1,242.85	8,065	20,331
1,240.35	4,449	4,688	1,242.90	8,138	20,736
1,240.40	4,521	4,912	1,242.95	8,210	21,144
1,240.45	4,594	5,140	1,243.00	8,282	21,557
1,240.50	4,666	5,371	1,243.05	8,355	21,973
1,240.55	4,738	5,607	1,243.10	8,427	22,392
1,240.60	4,811	5,845	1,243.15	8,499	22,815
1,240.65	4,883	6,088	1,243.20	8,572	23,242
1,240.70	4,955	6,334	1,243.25	8,644	23,673
1,240.75	5,028	6,583	1,243.30	8,716	24,107
1,240.80	5,100	6,836	1,243.35	8,789	24,544
1,240.85	5,172	7,093	1,243.40	8,861	24,985
1,240.90	5,245	7,354	1,243.45	8,933	25,430
1,240.95	5,317	7,618	1,243.50	9,006	25,879
1,241.00	5,389	7,885	1,243.55	9,078	26,331
1,241.05	5,462	8,156	1,243.60	9,150	26,787
1,241.10	5,534	8,431	1,243.65	9,223	27,246
1,241.15	5,606	8,710	1,243.70	9,295	27,709
1,241.20	5,679	8,992	1,243.75	9,367	28,175
1,241.25	5,751	9,278	1,243.80	9,440	28,646
1,241.30	5,823	9,567	1,243.85	9,512	29,119
1,241.35	5,896	9,860	1,243.90	9,584	29,597
1,241.40	5,968	10,157	1,243.95	9,657	30,078
1,241.45	6,040	10,457	1,244.00	**9,729**	**30,563**
1,241.50	6,113	10,761			

Summary for Pond P3A: Pond 3A

Inflow Area = 10.600 ac, 18.58% Impervious, Inflow Depth = 0.66" for 2 YR event
Inflow = 10.12 cfs @ 12.14 hrs, Volume= 0.582 af
Outflow = 0.97 cfs @ 13.42 hrs, Volume= 0.582 af, Atten= 90%, Lag= 76.5 min
Primary = 0.38 cfs @ 13.42 hrs, Volume= 0.083 af
Routed to Link 4L : Post - North
Secondary = 0.59 cfs @ 13.42 hrs, Volume= 0.500 af
Tertiary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,193.92' @ 13.42 hrs Surf.Area= 7,027 sf Storage= 10,734 cf

Plug-Flow detention time= 169.1 min calculated for 0.582 af (100% of inflow)
Center-of-Mass det. time= 169.1 min (1,030.6 - 861.5)

Volume	Invert	Avail.Storage	Storage Description
#1	1,192.00'	51,846 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

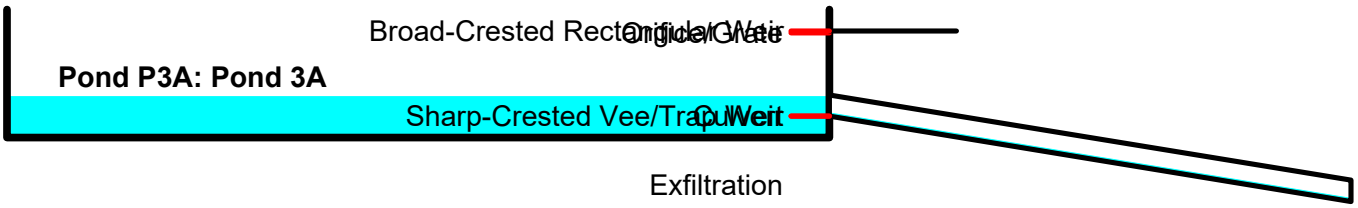
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,192.00	4,165	0	0
1,198.00	13,117	51,846	51,846

Device	Routing	Invert	Outlet Devices
#1	Primary	1,193.00'	**12.0" Round Culvert** L= 41.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,193.00' / 1,189.00' S= 0.0976 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,193.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,196.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Secondary	1,192.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,197.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

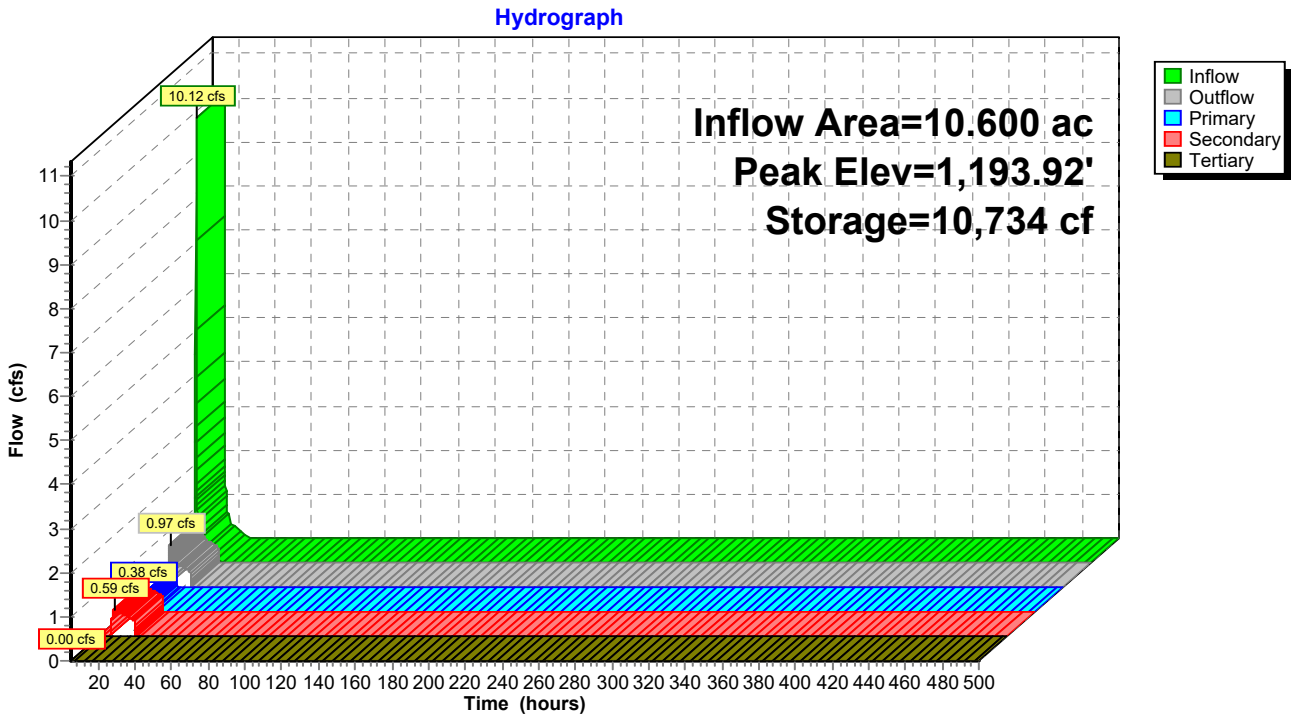
Primary OutFlow Max=0.38 cfs @ 13.42 hrs HW=1,193.92' (Free Discharge)
└**1=Culvert** (Passes 0.38 cfs of 2.46 cfs potential flow)
├**2=Sharp-Crested Vee/Trap Weir** (Weir Controls 0.38 cfs @ 2.58 fps)
└**3=Orifice/Grate** (Controls 0.00 cfs)

Secondary OutFlow Max=0.59 cfs @ 13.42 hrs HW=1,193.92' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.59 cfs)

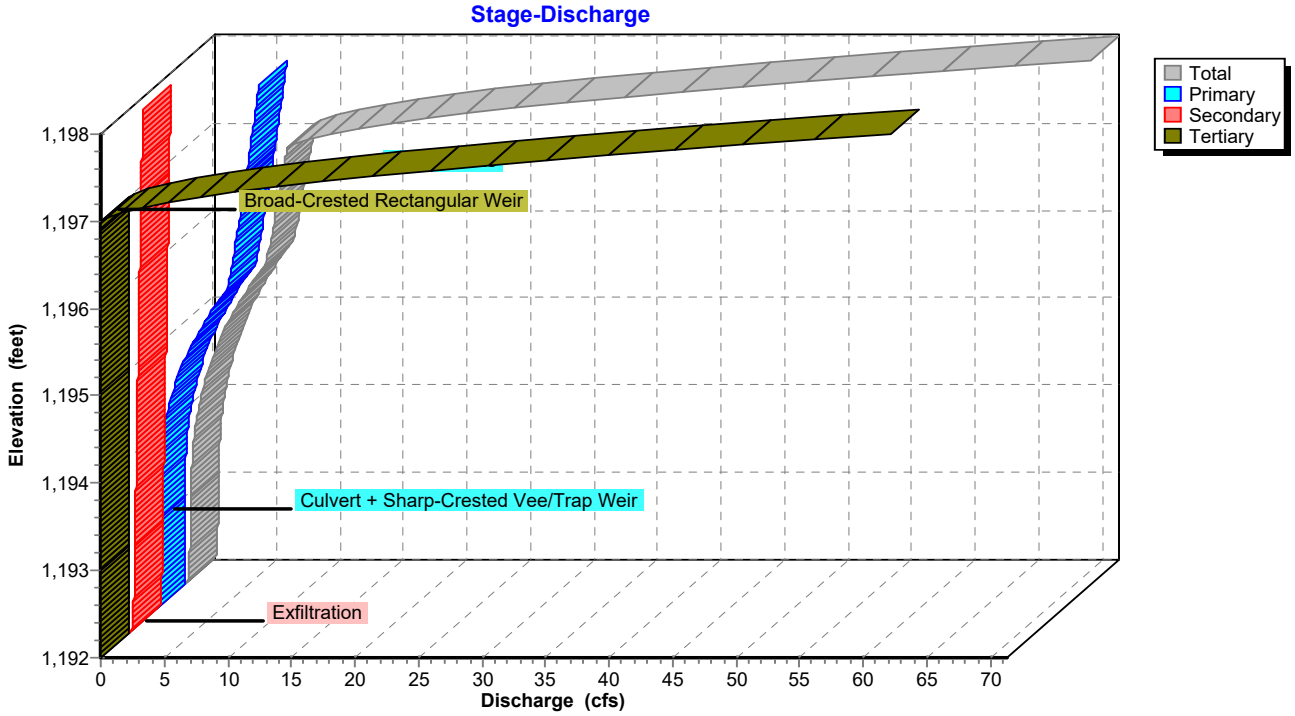
Tertiary OutFlow Max=0.00 cfs @ 5.00 hrs HW=1,192.00' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)



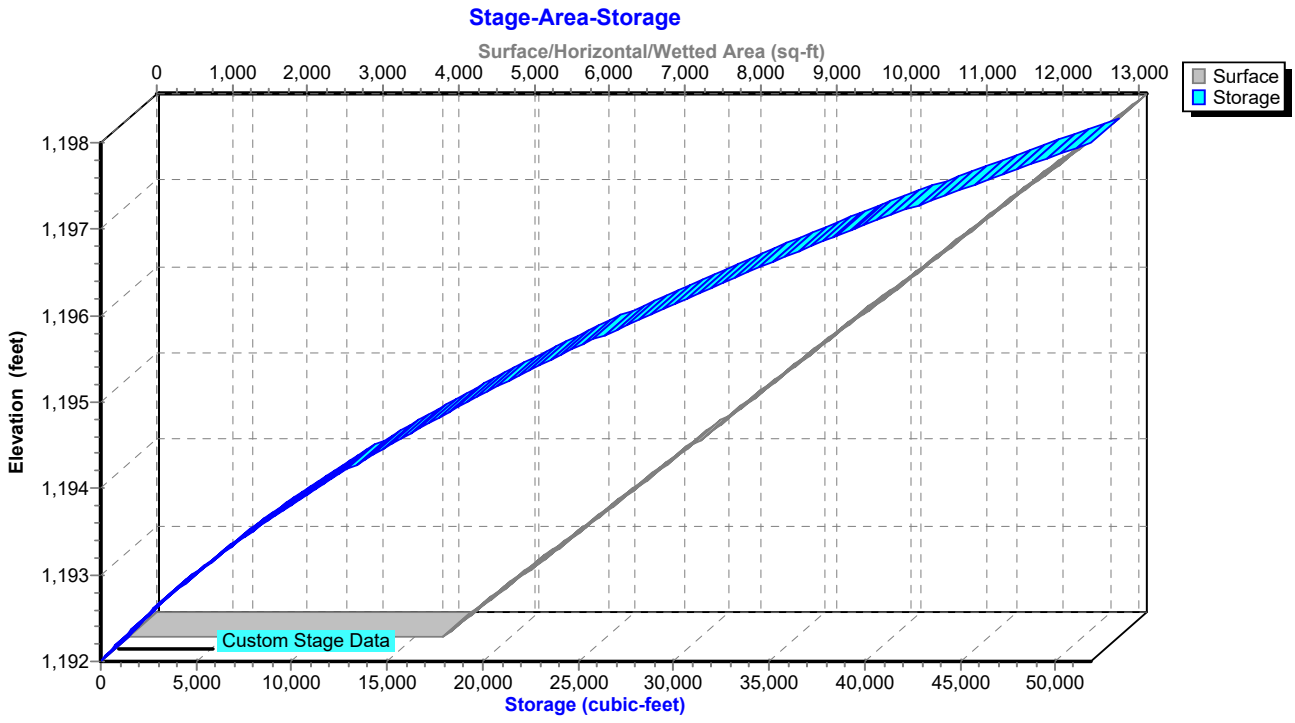
Pond P3A: Pond 3A



Pond P3A: Pond 3A



Pond P3A: Pond 3A



Hydrograph for Pond P3A: Pond 3A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,192.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**0.53**	**9,268**	**1,193.70**	**0.76**	**0.20**	**0.56**	0.00
25.00	0.00	4	1,192.00	0.01	0.00	0.01	0.00
35.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P3A: Pond 3A

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,192.00	0.00	0.00	0.00	0.00
1,192.20	0.37	0.00	0.37	0.00
1,192.40	0.40	0.00	0.40	0.00
1,192.60	0.42	0.00	0.42	0.00
1,192.80	0.45	0.00	0.45	0.00
1,193.00	0.47	0.00	0.47	0.00
1,193.20	0.50	0.01	0.50	0.00
1,193.40	0.57	0.05	0.52	0.00
1,193.60	0.68	0.13	0.55	0.00
1,193.80	0.84	0.27	0.57	0.00
1,194.00	1.07	0.47	0.60	0.00
1,194.20	1.37	0.75	0.62	0.00
1,194.40	1.75	1.10	0.65	0.00
1,194.60	2.21	1.54	0.67	0.00
1,194.80	2.76	2.06	0.70	0.00
1,195.00	3.40	2.68	0.72	0.00
1,195.20	4.15	3.41	0.74	0.00
1,195.40	5.00	4.23	0.77	0.00
1,195.60	5.96	5.17	0.79	0.00
1,195.80	6.55	5.74	0.82	0.00
1,196.00	6.82	5.98	0.84	0.00
1,196.20	7.08	6.21	0.87	0.00
1,196.40	7.33	6.44	0.89	0.00
1,196.60	7.58	6.66	0.92	0.00
1,196.80	7.81	6.87	0.94	0.00
1,197.00	8.04	7.07	0.97	0.00
1,197.20	12.86	7.27	0.99	4.60
1,197.40	22.27	7.47	1.02	13.78
1,197.60	36.21	7.66	1.04	27.51
1,197.80	52.33	7.84	1.07	43.42
1,198.00	**71.29**	**8.02**	**1.09**	**62.18**

Stage-Area-Storage for Pond P3A: Pond 3A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,192.00	4,165	0
1,192.10	4,314	424
1,192.20	4,463	863
1,192.30	4,613	1,317
1,192.40	4,762	1,785
1,192.50	4,911	2,269
1,192.60	5,060	2,768
1,192.70	5,209	3,281
1,192.80	5,359	3,809
1,192.90	5,508	4,353
1,193.00	5,657	4,911
1,193.10	5,806	5,484
1,193.20	5,955	6,072
1,193.30	6,105	6,675
1,193.40	6,254	7,293
1,193.50	6,403	7,926
1,193.60	6,552	8,574
1,193.70	6,701	9,236
1,193.80	6,851	9,914
1,193.90	7,000	10,607
1,194.00	7,149	11,314
1,194.10	7,298	12,036
1,194.20	7,447	12,774
1,194.30	7,597	13,526
1,194.40	7,746	14,293
1,194.50	7,895	15,075
1,194.60	8,044	15,872
1,194.70	8,193	16,684
1,194.80	8,343	17,511
1,194.90	8,492	18,352
1,195.00	8,641	19,209
1,195.10	8,790	20,081
1,195.20	8,939	20,967
1,195.30	9,089	21,868
1,195.40	9,238	22,785
1,195.50	9,387	23,716
1,195.60	9,536	24,662
1,195.70	9,685	25,623
1,195.80	9,835	26,599
1,195.90	9,984	27,590
1,196.00	10,133	28,596
1,196.10	10,282	29,617
1,196.20	10,431	30,652
1,196.30	10,581	31,703
1,196.40	10,730	32,769
1,196.50	10,879	33,849
1,196.60	11,028	34,944
1,196.70	11,177	36,055
1,196.80	11,327	37,180
1,196.90	11,476	38,320
1,197.00	11,625	39,475
1,197.10	11,774	40,645
1,197.20	11,923	41,830
1,197.30	12,073	43,030
1,197.40	12,222	44,244
1,197.50	12,371	45,474
1,197.60	12,520	46,719
1,197.70	12,669	47,978
1,197.80	12,819	49,252
1,197.90	12,968	50,542
1,198.00	**13,117**	**51,846**

Summary for Pond P3B: Pond 3B

Inflow Area = 8.450 ac, 19.88% Impervious, Inflow Depth = 0.70" for 2 YR event
Inflow = 8.74 cfs @ 12.14 hrs, Volume= 0.495 af
Outflow = 0.96 cfs @ 13.21 hrs, Volume= 0.495 af, Atten= 89%, Lag= 64.1 min
Primary = 0.46 cfs @ 13.21 hrs, Volume= 0.095 af
Routed to Link 4L : Post - North
Secondary = 0.50 cfs @ 13.21 hrs, Volume= 0.400 af
Tertiary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,196.99' @ 13.21 hrs Surf.Area= 5,980 sf Storage= 8,739 cf

Plug-Flow detention time= 153.6 min calculated for 0.495 af (100% of inflow)
Center-of-Mass det. time= 153.6 min (1,011.7 - 858.1)

Volume	Invert	Avail.Storage	Storage Description
#1	1,195.00'	33,965 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

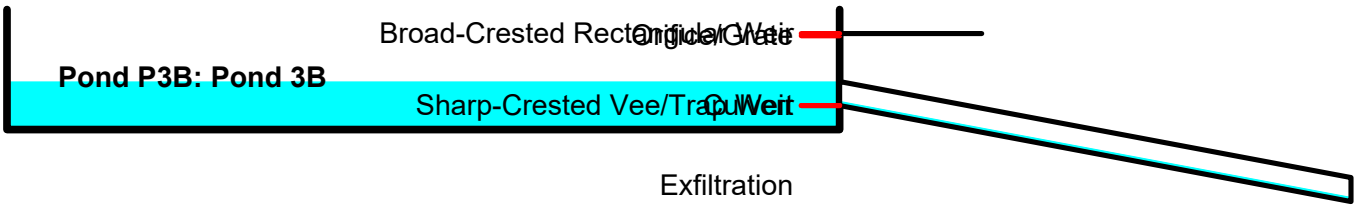
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,195.00	2,799	0	0
1,200.00	10,787	33,965	33,965

Device	Routing	Invert	Outlet Devices
#1	Primary	1,196.00'	**12.0" Round Culvert** L= 36.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,196.00' / 1,192.00' S= 0.1111 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,196.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,198.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Secondary	1,195.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,199.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

Primary OutFlow Max=0.46 cfs @ 13.21 hrs HW=1,196.99' (Free Discharge)
└**1=Culvert** (Passes 0.46 cfs of 2.66 cfs potential flow)
├**2=Sharp-Crested Vee/Trap Weir** (Weir Controls 0.46 cfs @ 2.68 fps)
└**3=Orifice/Grate** (Controls 0.00 cfs)

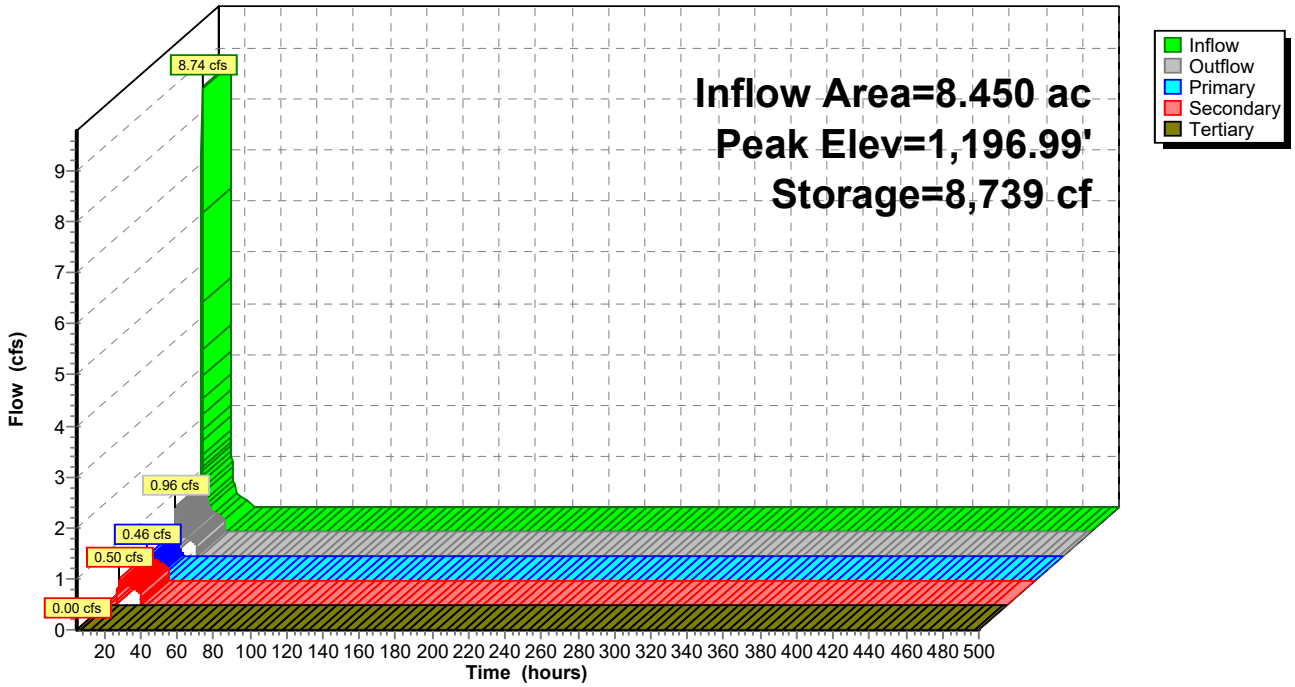
Secondary OutFlow Max=0.50 cfs @ 13.21 hrs HW=1,196.99' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.50 cfs)

Tertiary OutFlow Max=0.00 cfs @ 5.00 hrs HW=1,195.00' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)

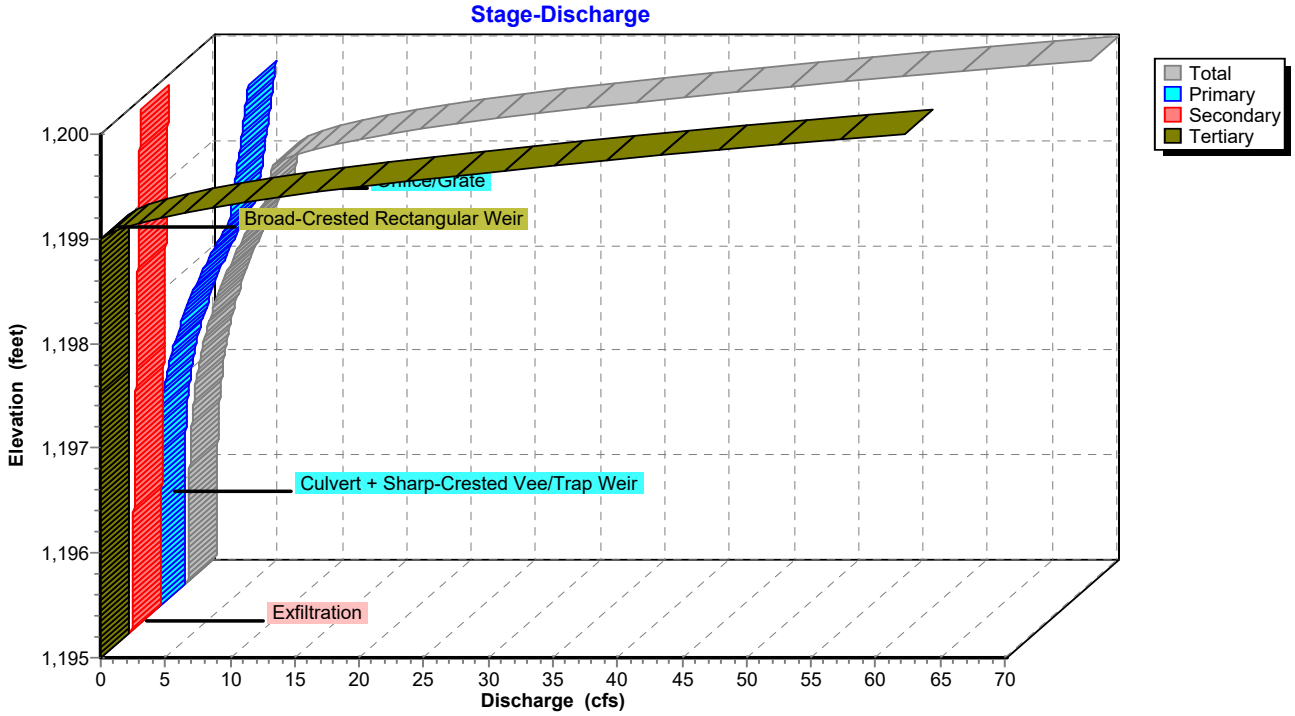


Pond P3B: Pond 3B

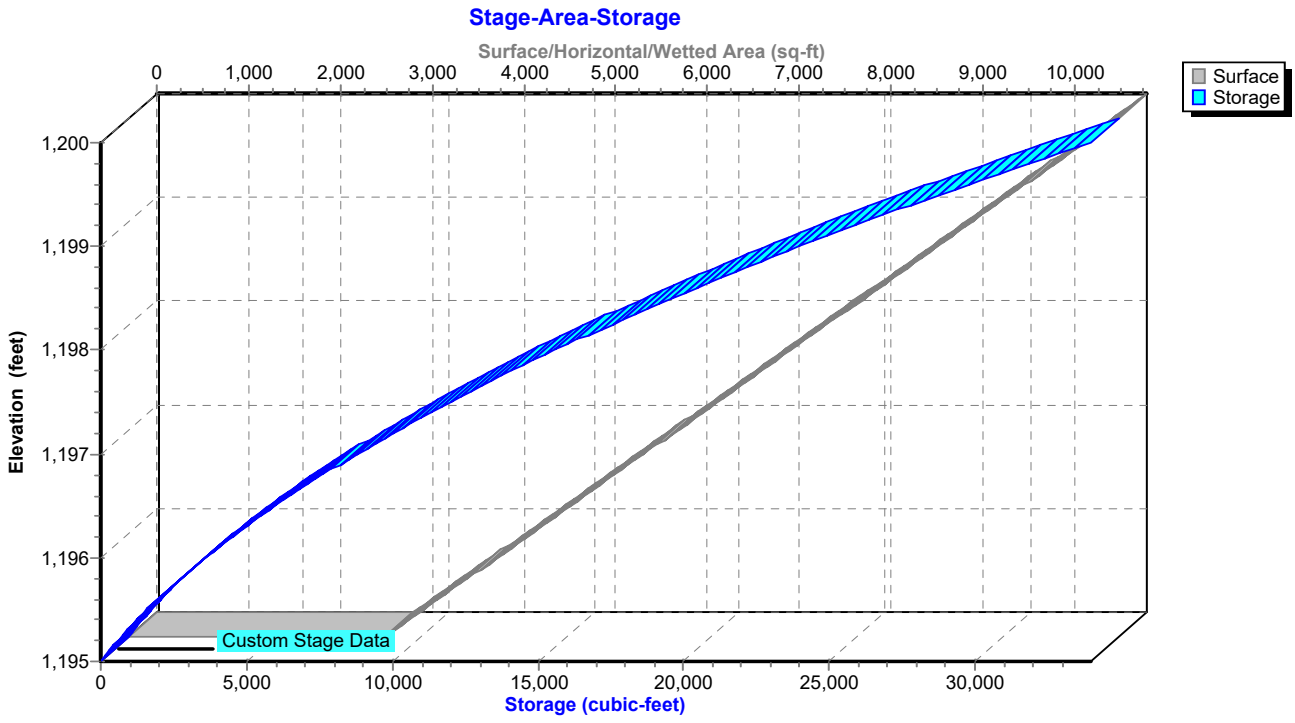
Hydrograph



Pond P3B: Pond 3B



Pond P3B: Pond 3B



Hydrograph for Pond P3B: Pond 3B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,195.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**0.44**	**7,069**	**1,196.70**	**0.65**	**0.19**	**0.46**	0.00
25.00	0.00	3	1,195.00	0.01	0.00	0.01	0.00
35.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P3B: Pond 3B

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,195.00	0.00	0.00	0.00	0.00
1,195.10	0.25	0.00	0.25	0.00
1,195.20	0.26	0.00	0.26	0.00
1,195.30	0.27	0.00	0.27	0.00
1,195.40	0.29	0.00	0.29	0.00
1,195.50	0.30	0.00	0.30	0.00
1,195.60	0.31	0.00	0.31	0.00
1,195.70	0.33	0.00	0.33	0.00
1,195.80	0.34	0.00	0.34	0.00
1,195.90	0.35	0.00	0.35	0.00
1,196.00	0.37	0.00	0.37	0.00
1,196.10	0.38	0.00	0.38	0.00
1,196.20	0.40	0.01	0.39	0.00
1,196.30	0.43	0.02	0.41	0.00
1,196.40	0.47	0.05	0.42	0.00
1,196.50	0.52	0.08	0.43	0.00
1,196.60	0.58	0.13	0.45	0.00
1,196.70	0.65	0.19	0.46	0.00
1,196.80	0.74	0.27	0.47	0.00
1,196.90	0.85	0.36	0.49	0.00
1,197.00	0.97	0.47	0.50	0.00
1,197.10	1.11	0.60	0.51	0.00
1,197.20	1.27	0.75	0.53	0.00
1,197.30	1.45	0.91	0.54	0.00
1,197.40	1.65	1.10	0.55	0.00
1,197.50	1.87	1.31	0.57	0.00
1,197.60	2.12	1.54	0.58	0.00
1,197.70	2.38	1.79	0.59	0.00
1,197.80	2.67	2.06	0.61	0.00
1,197.90	2.98	2.36	0.62	0.00
1,198.00	3.32	2.68	0.63	0.00
1,198.10	3.68	3.03	0.65	0.00
1,198.20	4.06	3.41	0.66	0.00
1,198.30	4.48	3.81	0.67	0.00
1,198.40	4.92	4.23	0.69	0.00
1,198.50	5.39	4.69	0.70	0.00
1,198.60	5.88	5.17	0.71	0.00
1,198.70	6.33	5.61	0.73	0.00
1,198.80	6.47	5.74	0.74	0.00
1,198.90	6.61	5.86	0.75	0.00
1,199.00	6.75	5.98	0.77	0.00
1,199.10	8.48	6.10	0.78	1.60
1,199.20	11.60	6.21	0.79	4.60
1,199.30	15.83	6.33	0.81	8.70
1,199.40	21.04	6.44	0.82	13.78
1,199.50	27.47	6.55	0.83	20.08
1,199.60	35.01	6.66	0.85	27.51
1,199.70	42.73	6.76	0.86	35.10
1,199.80	51.17	6.87	0.87	43.42
1,199.90	60.31	6.97	0.89	52.45
1,200.00	**70.15**	**7.07**	**0.90**	**62.18**

Stage-Area-Storage for Pond P3B: Pond 3B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,195.00	2,799	0
1,195.05	2,879	142
1,195.10	2,959	288
1,195.15	3,039	438
1,195.20	3,119	592
1,195.25	3,198	750
1,195.30	3,278	912
1,195.35	3,358	1,078
1,195.40	3,438	1,247
1,195.45	3,518	1,421
1,195.50	3,598	1,599
1,195.55	3,678	1,781
1,195.60	3,758	1,967
1,195.65	3,837	2,157
1,195.70	3,917	2,351
1,195.75	3,997	2,549
1,195.80	4,077	2,750
1,195.85	4,157	2,956
1,195.90	4,237	3,166
1,195.95	4,317	3,380
1,196.00	4,397	3,598
1,196.05	4,476	3,820
1,196.10	4,556	4,045
1,196.15	4,636	4,275
1,196.20	4,716	4,509
1,196.25	4,796	4,747
1,196.30	4,876	4,989
1,196.35	4,956	5,234
1,196.40	5,036	5,484
1,196.45	5,116	5,738
1,196.50	5,195	5,996
1,196.55	5,275	6,258
1,196.60	5,355	6,523
1,196.65	5,435	6,793
1,196.70	5,515	7,067
1,196.75	5,595	7,345
1,196.80	5,675	7,626
1,196.85	5,755	7,912
1,196.90	5,834	8,202
1,196.95	5,914	8,495
1,197.00	5,994	8,793
1,197.05	6,074	9,095
1,197.10	6,154	9,401
1,197.15	6,234	9,710
1,197.20	6,314	10,024
1,197.25	6,394	10,342
1,197.30	6,473	10,663
1,197.35	6,553	10,989
1,197.40	6,633	11,319
1,197.45	6,713	11,652
1,197.50	6,793	11,990
1,197.55	6,873	12,332
1,197.60	6,953	12,677
1,197.65	7,033	13,027
1,197.70	7,113	13,381
1,197.75	7,192	13,738
1,197.80	7,272	14,100
1,197.85	7,352	14,465
1,197.90	7,432	14,835
1,197.95	7,512	15,209
1,198.00	7,592	15,586
1,198.05	7,672	15,968
1,198.10	7,752	16,353
1,198.15	7,831	16,743
1,198.20	7,911	17,137
1,198.25	7,991	17,534
1,198.30	8,071	17,936
1,198.35	8,151	18,341
1,198.40	8,231	18,751
1,198.45	8,311	19,164
1,198.50	8,391	19,582
1,198.55	8,470	20,003
1,198.60	8,550	20,429
1,198.65	8,630	20,858
1,198.70	8,710	21,292
1,198.75	8,790	21,729
1,198.80	8,870	22,171
1,198.85	8,950	22,616
1,198.90	9,030	23,066
1,198.95	9,110	23,519
1,199.00	9,189	23,977
1,199.05	9,269	24,438
1,199.10	9,349	24,904
1,199.15	9,429	25,373
1,199.20	9,509	25,847
1,199.25	9,589	26,324
1,199.30	9,669	26,806
1,199.35	9,749	27,291
1,199.40	9,828	27,780
1,199.45	9,908	28,274
1,199.50	9,988	28,771
1,199.55	10,068	29,273
1,199.60	10,148	29,778
1,199.65	10,228	30,287
1,199.70	10,308	30,801
1,199.75	10,388	31,318
1,199.80	10,467	31,840
1,199.85	10,547	32,365
1,199.90	10,627	32,894
1,199.95	10,707	33,428
1,200.00	**10,787**	**33,965**

Summary for Pond P3C: Pond 3C

Inflow Area = 2.490 ac, 22.89% Impervious, Inflow Depth = 0.90" for 2 YR event
Inflow = 3.42 cfs @ 12.14 hrs, Volume= 0.186 af
Outflow = 0.31 cfs @ 13.33 hrs, Volume= 0.186 af, Atten= 91%, Lag= 71.2 min
Primary = 0.04 cfs @ 13.33 hrs, Volume= 0.006 af
Routed to Link 4L : Post - North
Secondary = 0.26 cfs @ 13.33 hrs, Volume= 0.180 af
Tertiary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,179.39' @ 13.33 hrs Surf.Area= 3,157 sf Storage= 3,509 cf

Plug-Flow detention time= 133.0 min calculated for 0.186 af (100% of inflow)
Center-of-Mass det. time= 133.0 min (978.5 - 845.6)

Volume	Invert	Avail.Storage	Storage Description
#1	1,178.00'	14,846 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

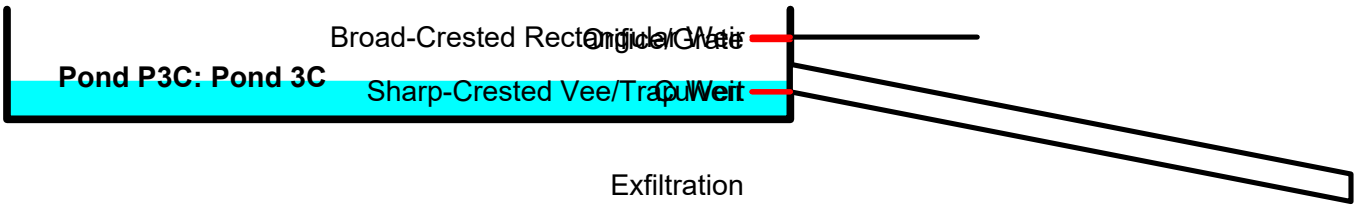
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,178.00	1,905	0	0
1,182.00	5,518	14,846	14,846

Device	Routing	Invert	Outlet Devices
#1	Primary	1,179.00'	**12.0" Round Culvert** L= 30.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,179.00' / 1,175.00' S= 0.1333 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,179.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,180.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Secondary	1,178.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,181.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

Primary OutFlow Max=0.04 cfs @ 13.33 hrs HW=1,179.39' (Free Discharge)
└**1=Culvert** (Passes 0.04 cfs of 0.59 cfs potential flow)
├**2=Sharp-Crested Vee/Trap Weir** (Weir Controls 0.04 cfs @ 1.67 fps)
└**3=Orifice/Grate** (Controls 0.00 cfs)

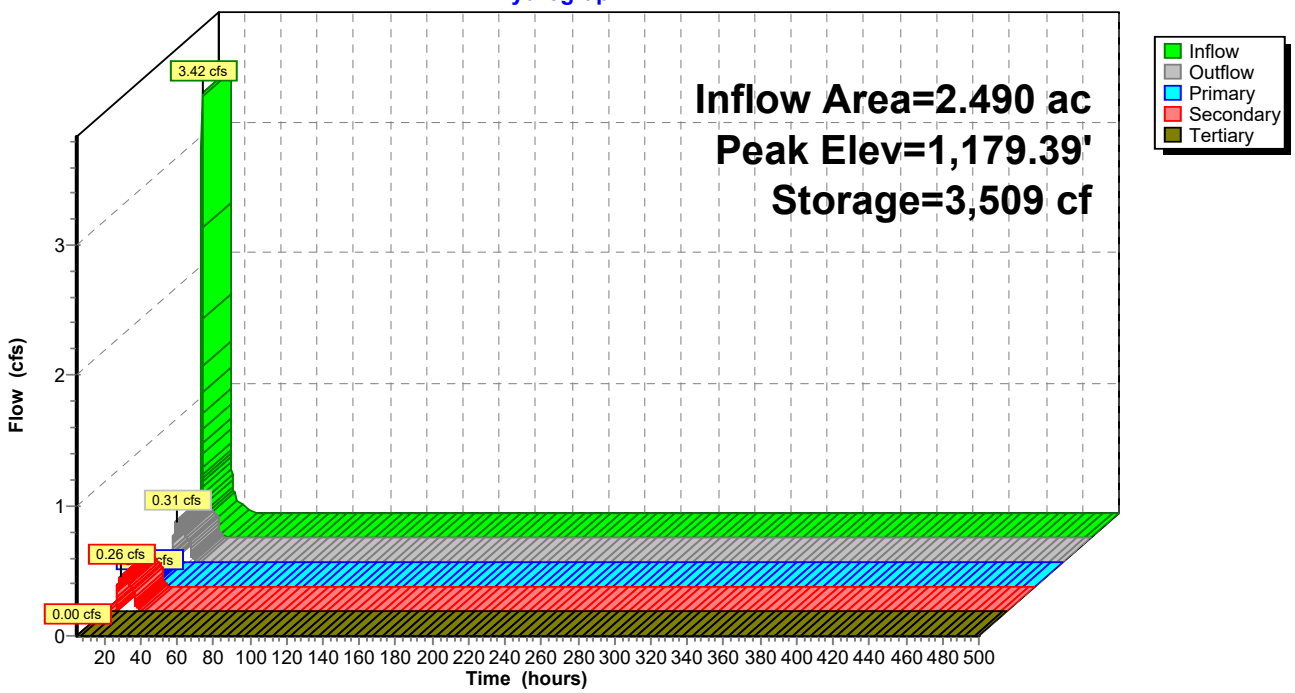
Secondary OutFlow Max=0.26 cfs @ 13.33 hrs HW=1,179.39' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.26 cfs)

Tertiary OutFlow Max=0.00 cfs @ 5.00 hrs HW=1,178.00' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)

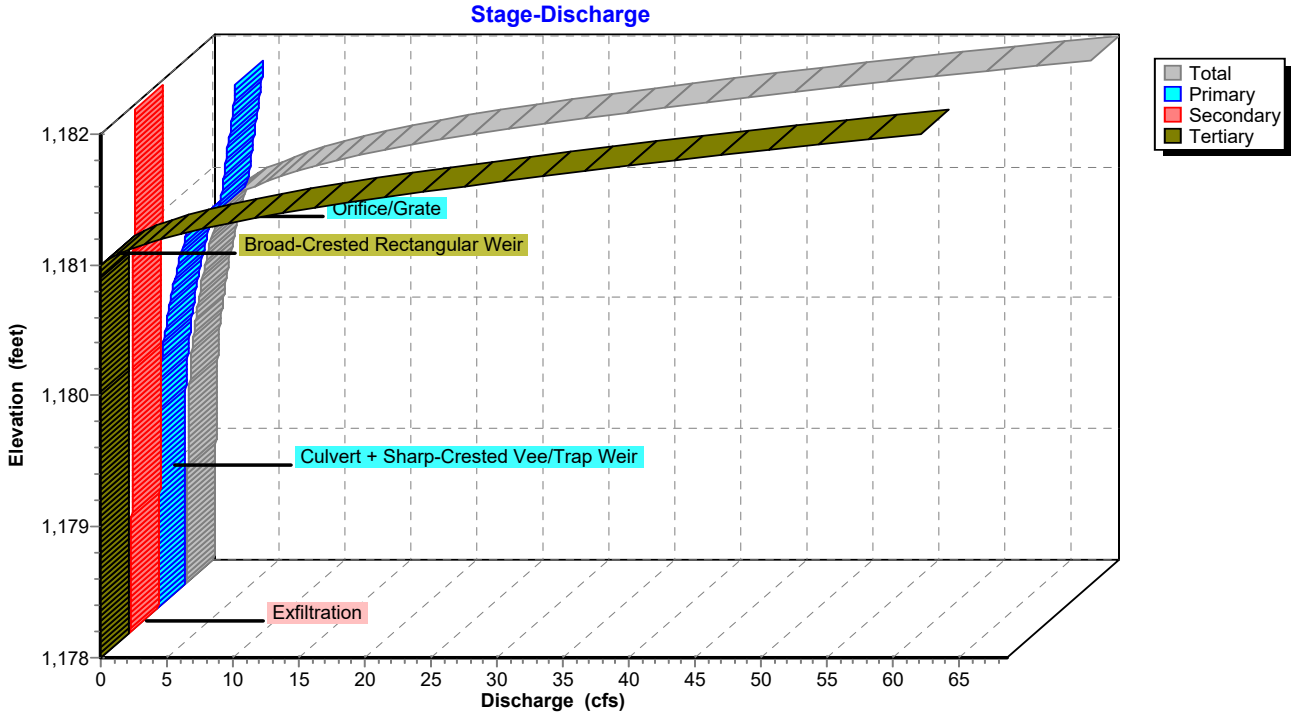


Pond P3C: Pond 3C

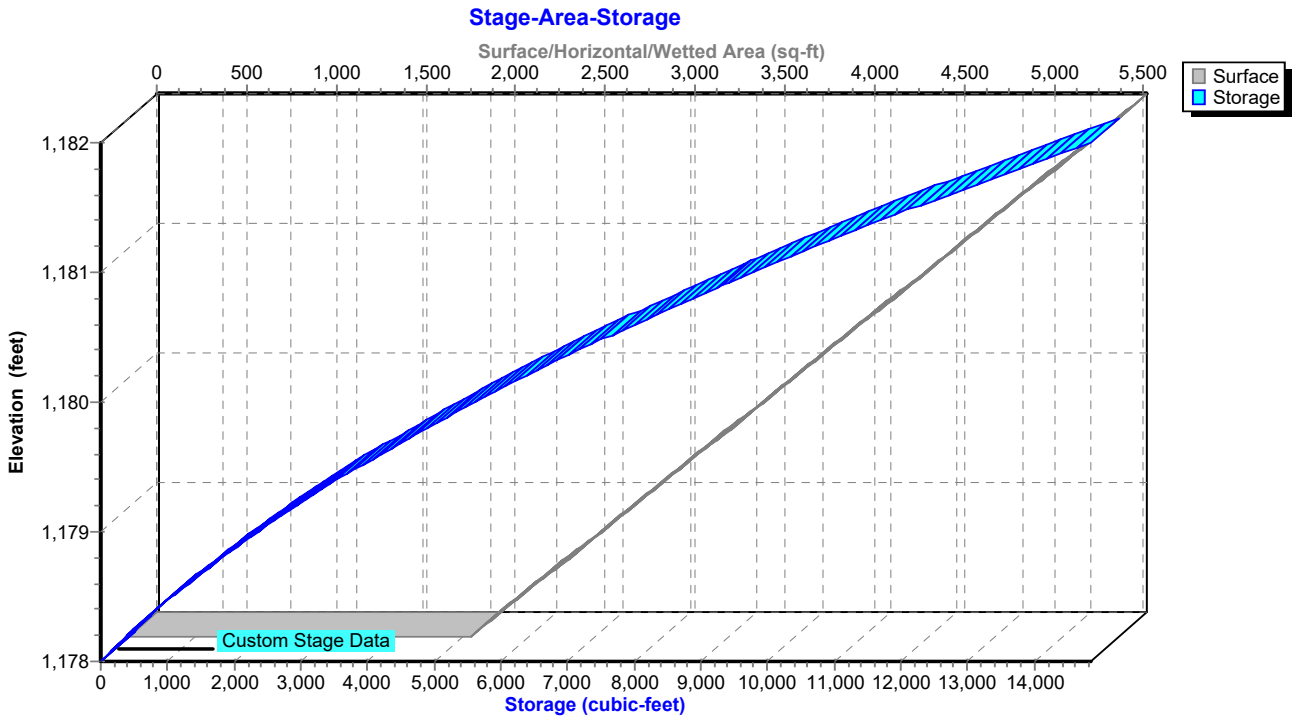
Hydrograph



Pond P3C: Pond 3C



Pond P3C: Pond 3C



Hydrograph for Pond P3C: Pond 3C

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,178.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**0.15**	**2,904**	**1,179.19**	**0.26**	**0.01**	**0.25**	0.00
25.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
35.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P3C: Pond 3C

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,178.00	0.00	0.00	0.00	0.00
1,178.10	0.17	0.00	0.17	0.00
1,178.20	0.17	0.00	0.17	0.00
1,178.30	0.18	0.00	0.18	0.00
1,178.40	0.19	0.00	0.19	0.00
1,178.50	0.20	0.00	0.20	0.00
1,178.60	0.20	0.00	0.20	0.00
1,178.70	0.21	0.00	0.21	0.00
1,178.80	0.22	0.00	0.22	0.00
1,178.90	0.23	0.00	0.23	0.00
1,179.00	0.23	0.00	0.23	0.00
1,179.10	0.24	0.00	0.24	0.00
1,179.20	0.26	0.01	0.25	0.00
1,179.30	0.28	0.02	0.26	0.00
1,179.40	0.31	0.05	0.26	0.00
1,179.50	0.36	0.08	0.27	0.00
1,179.60	0.41	0.13	0.28	0.00
1,179.70	0.48	0.19	0.29	0.00
1,179.80	0.57	0.27	0.29	0.00
1,179.90	0.67	0.36	0.30	0.00
1,180.00	0.78	0.47	0.31	0.00
1,180.10	0.92	0.60	0.32	0.00
1,180.20	1.07	0.75	0.32	0.00
1,180.30	1.25	0.91	0.33	0.00
1,180.40	1.44	1.10	0.34	0.00
1,180.50	1.65	1.31	0.35	0.00
1,180.60	1.89	1.54	0.35	0.00
1,180.70	2.15	1.79	0.36	0.00
1,180.80	2.43	2.06	0.37	0.00
1,180.90	2.74	2.36	0.38	0.00
1,181.00	4.10	3.72	0.38	0.00
1,181.10	6.78	4.78	0.39	1.60
1,181.20	9.93	4.93	0.40	4.60
1,181.30	14.18	5.07	0.41	8.70
1,181.40	19.41	5.21	0.41	13.78
1,181.50	25.85	5.35	0.42	20.08
1,181.60	33.42	5.48	0.43	27.51
1,181.70	41.15	5.61	0.44	35.10
1,181.80	49.60	5.74	0.44	43.42
1,181.90	58.76	5.86	0.45	52.45
1,182.00	**68.62**	**5.98**	**0.46**	**62.18**

Stage-Area-Storage for Pond P3C: Pond 3C

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,178.00	1,905	0
1,178.05	1,950	96
1,178.10	1,995	195
1,178.15	2,040	296
1,178.20	2,086	399
1,178.25	2,131	504
1,178.30	2,176	612
1,178.35	2,221	722
1,178.40	2,266	834
1,178.45	2,311	949
1,178.50	2,357	1,065
1,178.55	2,402	1,184
1,178.60	2,447	1,306
1,178.65	2,492	1,429
1,178.70	2,537	1,555
1,178.75	2,582	1,683
1,178.80	2,628	1,813
1,178.85	2,673	1,946
1,178.90	2,718	2,080
1,178.95	2,763	2,217
1,179.00	2,808	2,357
1,179.05	2,853	2,498
1,179.10	2,899	2,642
1,179.15	2,944	2,788
1,179.20	2,989	2,936
1,179.25	3,034	3,087
1,179.30	3,079	3,240
1,179.35	3,124	3,395
1,179.40	3,170	3,552
1,179.45	3,215	3,712
1,179.50	3,260	3,874
1,179.55	3,305	4,038
1,179.60	3,350	4,204
1,179.65	3,395	4,373
1,179.70	3,441	4,544
1,179.75	3,486	4,717
1,179.80	3,531	4,892
1,179.85	3,576	5,070
1,179.90	3,621	5,250
1,179.95	3,666	5,432
1,180.00	3,712	5,617
1,180.05	3,757	5,803
1,180.10	3,802	5,992
1,180.15	3,847	6,183
1,180.20	3,892	6,377
1,180.25	3,937	6,573
1,180.30	3,982	6,771
1,180.35	4,028	6,971
1,180.40	4,073	7,173
1,180.45	4,118	7,378
1,180.50	4,163	7,585
1,180.55	4,208	7,794
1,180.60	4,253	8,006
1,180.65	4,299	8,220
1,180.70	4,344	8,436
1,180.75	4,389	8,654
1,180.80	4,434	8,875
1,180.85	4,479	9,098
1,180.90	4,524	9,323
1,180.95	4,570	9,550
1,181.00	4,615	9,780
1,181.05	4,660	10,011
1,181.10	4,705	10,246
1,181.15	4,750	10,482
1,181.20	4,795	10,721
1,181.25	4,841	10,962
1,181.30	4,886	11,205
1,181.35	4,931	11,450
1,181.40	4,976	11,698
1,181.45	5,021	11,948
1,181.50	5,066	12,200
1,181.55	5,112	12,454
1,181.60	5,157	12,711
1,181.65	5,202	12,970
1,181.70	5,247	13,231
1,181.75	5,292	13,495
1,181.80	5,337	13,760
1,181.85	5,383	14,028
1,181.90	5,428	14,299
1,181.95	5,473	14,571
1,182.00	**5,518**	**14,846**

Summary for Pond P3D: Pond 3D

Inflow Area = 2.380 ac, 23.95% Impervious, Inflow Depth = 0.95" for 2 YR event
Inflow = 3.48 cfs @ 12.14 hrs, Volume= 0.188 af
Outflow = 0.74 cfs @ 12.49 hrs, Volume= 0.188 af, Atten= 79%, Lag= 21.3 min
Primary = 0.57 cfs @ 12.49 hrs, Volume= 0.066 af
Routed to Link 4L : Post - North
Secondary = 0.17 cfs @ 12.49 hrs, Volume= 0.122 af
Tertiary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,189.08' @ 12.49 hrs Surf.Area= 2,057 sf Storage= 2,906 cf

Plug-Flow detention time= 107.7 min calculated for 0.188 af (100% of inflow)
Center-of-Mass det. time= 107.7 min (950.3 - 842.6)

Volume	Invert	Avail.Storage	Storage Description
#1	1,187.00'	11,620 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

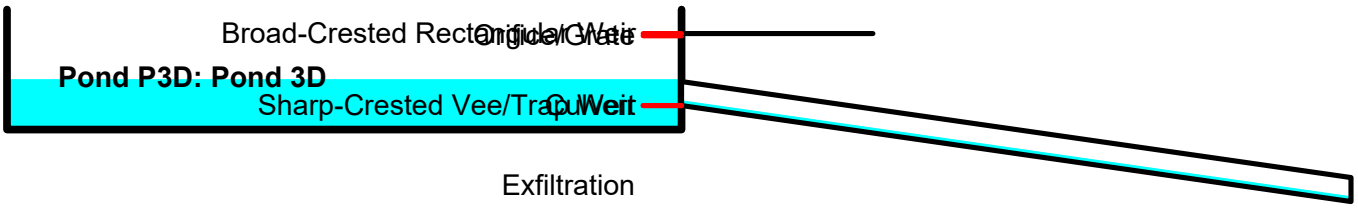
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,187.00	741	0	0
1,192.00	3,907	11,620	11,620

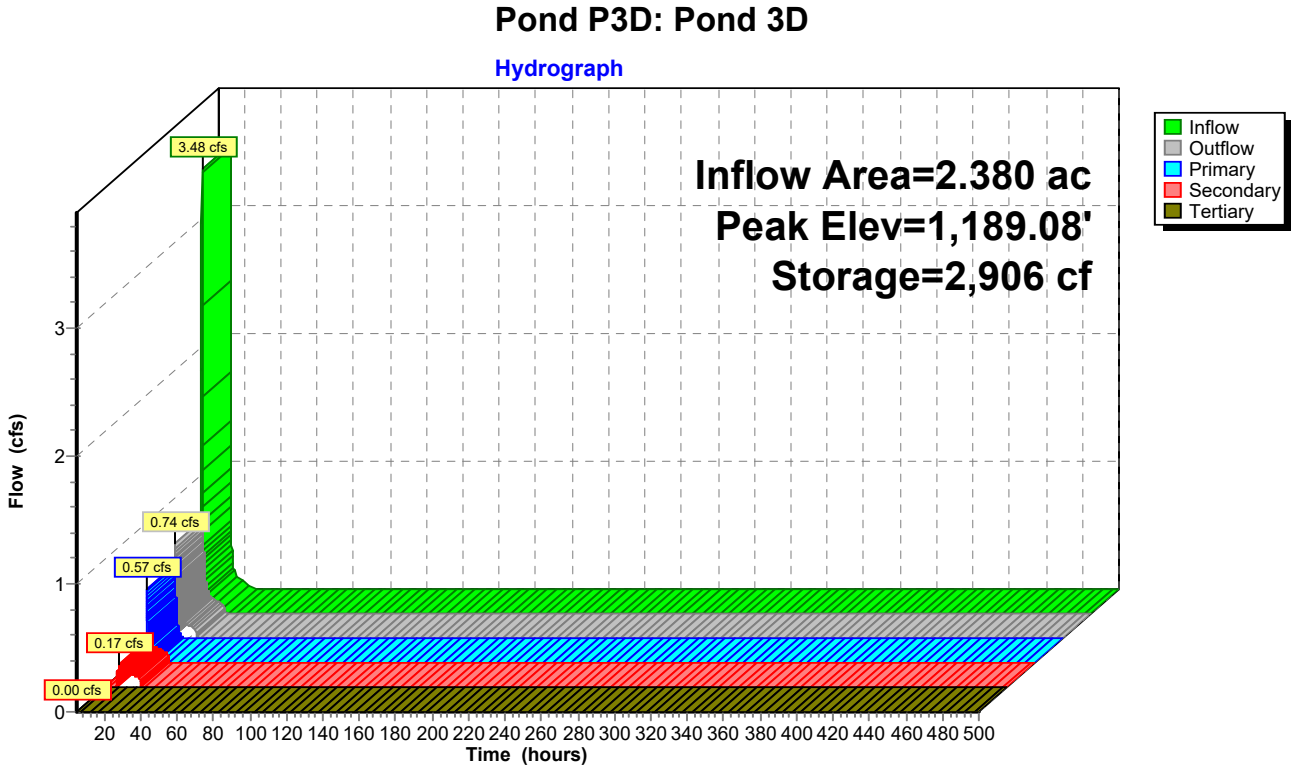
Device	Routing	Invert	Outlet Devices
#1	Primary	1,188.00'	**12.0" Round Culvert** L= 35.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,188.00' / 1,184.00' S= 0.1143 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,188.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,190.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600
#4	Secondary	1,187.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,191.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

Primary OutFlow Max=0.57 cfs @ 12.49 hrs HW=1,189.08' (Free Discharge)
└**1=Culvert** (Passes 0.57 cfs of 2.87 cfs potential flow)
└**2=Sharp-Crested Vee/Trap Weir** (Weir Controls 0.57 cfs @ 2.79 fps)
└**3=Orifice/Grate** (Controls 0.00 cfs)

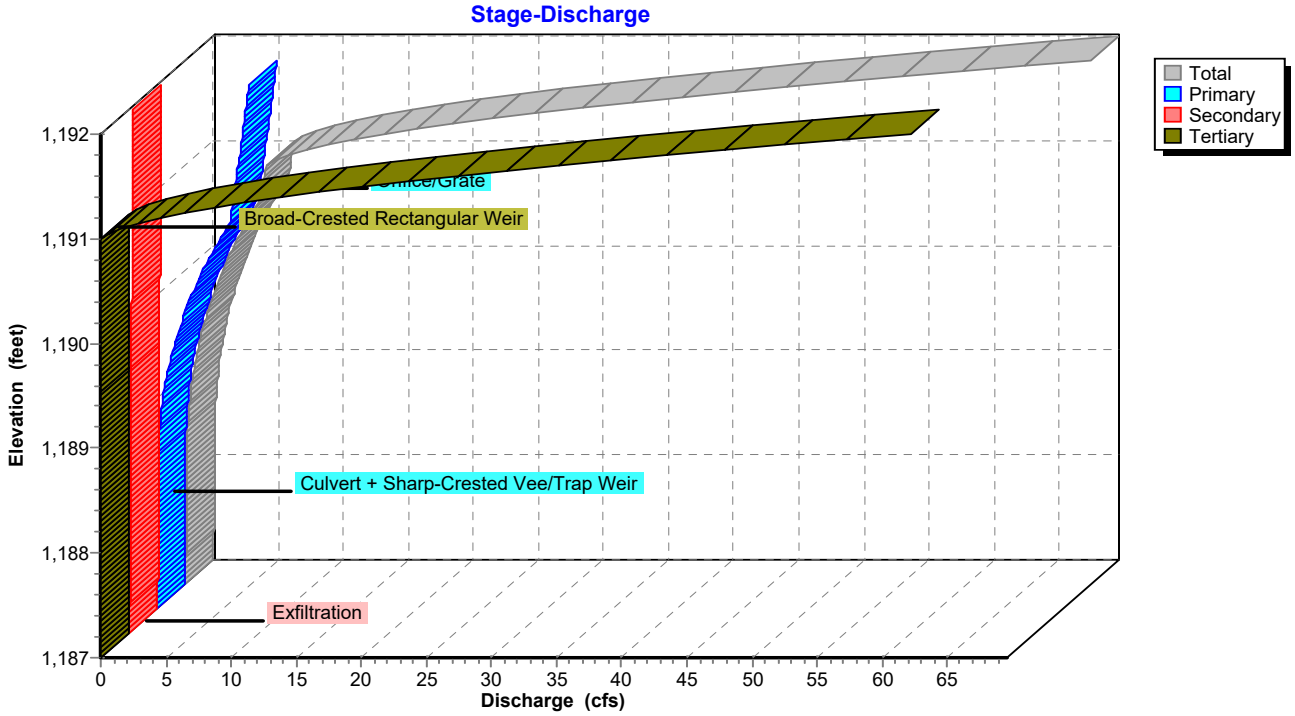
Secondary OutFlow Max=0.17 cfs @ 12.49 hrs HW=1,189.08' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.17 cfs)

Tertiary OutFlow Max=0.00 cfs @ 5.00 hrs HW=1,187.00' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)

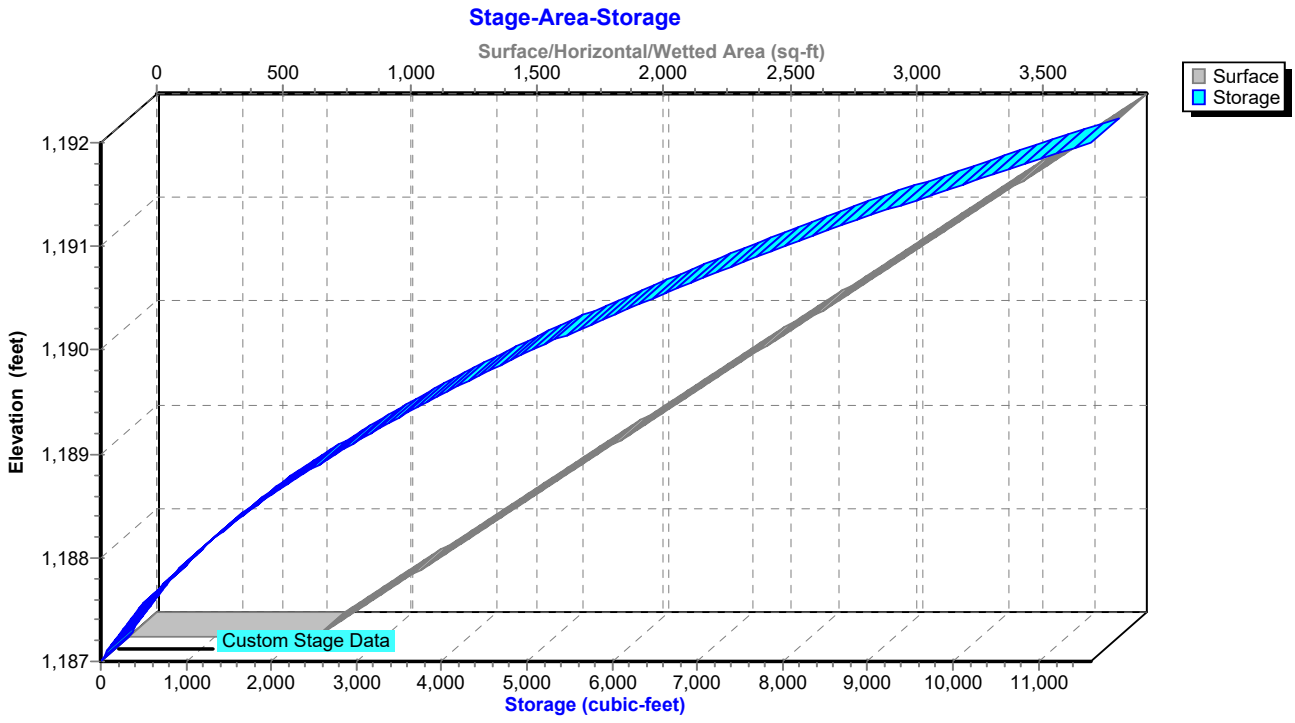

Broad-Crested Rectangular Weir
Orifice/Grate
Pond P3D: Pond 3D
Sharp-Crested Vee/Trap Weir
Exfiltration


Pond P3D: Pond 3D
Hydrograph
Inflow Area=2.380 ac
Peak Elev=1,189.08'
Storage=2,906 cf
Inflow
Outflow
Primary
Secondary
Tertiary
3.48 cfs
0.74 cfs
0.57 cfs
0.17 cfs
0.00 cfs
Flow (cfs)
0
1
2
3
20 40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460 480 500
Time (hours)

Pond P3D: Pond 3D



Pond P3D: Pond 3D



Hydrograph for Pond P3D: Pond 3D

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,187.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**0.15**	**1,743**	**1,188.45**	**0.20**	**0.07**	**0.14**	0.00
25.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
35.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P3D: Pond 3D

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,187.00	0.00	0.00	0.00	0.00
1,187.10	0.07	0.00	0.07	0.00
1,187.20	0.07	0.00	0.07	0.00
1,187.30	0.08	0.00	0.08	0.00
1,187.40	0.08	0.00	0.08	0.00
1,187.50	0.09	0.00	0.09	0.00
1,187.60	0.09	0.00	0.09	0.00
1,187.70	0.10	0.00	0.10	0.00
1,187.80	0.10	0.00	0.10	0.00
1,187.90	0.11	0.00	0.11	0.00
1,188.00	0.11	0.00	0.11	0.00
1,188.10	0.12	0.00	0.12	0.00
1,188.20	0.13	0.01	0.13	0.00
1,188.30	0.15	0.02	0.13	0.00
1,188.40	0.18	0.05	0.14	0.00
1,188.50	0.22	0.08	0.14	0.00
1,188.60	0.28	0.13	0.15	0.00
1,188.70	0.35	0.19	0.15	0.00
1,188.80	0.43	0.27	0.16	0.00
1,188.90	0.53	0.36	0.16	0.00
1,189.00	0.64	0.47	0.17	0.00
1,189.10	0.77	0.60	0.17	0.00
1,189.20	0.93	0.75	0.18	0.00
1,189.30	1.10	0.91	0.18	0.00
1,189.40	1.29	1.10	0.19	0.00
1,189.50	1.50	1.31	0.19	0.00
1,189.60	1.73	1.54	0.20	0.00
1,189.70	1.99	1.79	0.20	0.00
1,189.80	2.27	2.06	0.21	0.00
1,189.90	2.58	2.36	0.21	0.00
1,190.00	2.90	2.68	0.22	0.00
1,190.10	3.26	3.03	0.23	0.00
1,190.20	3.64	3.41	0.23	0.00
1,190.30	4.04	3.81	0.24	0.00
1,190.40	4.47	4.23	0.24	0.00
1,190.50	4.93	4.69	0.25	0.00
1,190.60	5.42	5.17	0.25	0.00
1,190.70	5.87	5.61	0.26	0.00
1,190.80	6.00	5.74	0.26	0.00
1,190.90	6.13	5.86	0.27	0.00
1,191.00	6.25	5.98	0.27	0.00
1,191.10	7.98	6.10	0.28	1.60
1,191.20	11.09	6.21	0.28	4.60
1,191.30	15.31	6.33	0.29	8.70
1,191.40	20.52	6.44	0.29	13.78
1,191.50	26.93	6.55	0.30	20.08
1,191.60	34.47	6.66	0.30	27.51
1,191.70	42.18	6.76	0.31	35.10
1,191.80	50.61	6.87	0.32	43.42
1,191.90	59.75	6.97	0.32	52.45
1,192.00	**69.58**	**7.07**	**0.33**	**62.18**

Stage-Area-Storage for Pond P3D: Pond 3D

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,187.00	741	0	1,189.55	2,356	3,948
1,187.05	773	38	1,189.60	2,387	4,067
1,187.10	804	77	1,189.65	2,419	4,187
1,187.15	836	118	1,189.70	2,451	4,309
1,187.20	868	161	1,189.75	2,482	4,432
1,187.25	899	205	1,189.80	2,514	4,557
1,187.30	931	251	1,189.85	2,546	4,683
1,187.35	963	298	1,189.90	2,577	4,812
1,187.40	994	347	1,189.95	2,609	4,941
1,187.45	1,026	398	1,190.00	2,641	5,072
1,187.50	1,058	450	1,190.05	2,672	5,205
1,187.55	1,089	503	1,190.10	2,704	5,340
1,187.60	1,121	559	1,190.15	2,736	5,476
1,187.65	1,153	615	1,190.20	2,767	5,613
1,187.70	1,184	674	1,190.25	2,799	5,752
1,187.75	1,216	734	1,190.30	2,831	5,893
1,187.80	1,248	795	1,190.35	2,862	6,035
1,187.85	1,279	859	1,190.40	2,894	6,179
1,187.90	1,311	923	1,190.45	2,926	6,325
1,187.95	1,343	990	1,190.50	2,957	6,472
1,188.00	1,374	1,058	1,190.55	2,989	6,621
1,188.05	1,406	1,127	1,190.60	3,021	6,771
1,188.10	1,438	1,198	1,190.65	3,052	6,923
1,188.15	1,469	1,271	1,190.70	3,084	7,076
1,188.20	1,501	1,345	1,190.75	3,116	7,231
1,188.25	1,533	1,421	1,190.80	3,147	7,388
1,188.30	1,564	1,498	1,190.85	3,179	7,546
1,188.35	1,596	1,577	1,190.90	3,210	7,705
1,188.40	1,627	1,658	1,190.95	3,242	7,867
1,188.45	1,659	1,740	1,191.00	3,274	8,030
1,188.50	1,691	1,824	1,191.05	3,305	8,194
1,188.55	1,722	1,909	1,191.10	3,337	8,360
1,188.60	1,754	1,996	1,191.15	3,369	8,528
1,188.65	1,786	2,085	1,191.20	3,400	8,697
1,188.70	1,817	2,175	1,191.25	3,432	8,868
1,188.75	1,849	2,266	1,191.30	3,464	9,040
1,188.80	1,881	2,360	1,191.35	3,495	9,214
1,188.85	1,912	2,454	1,191.40	3,527	9,390
1,188.90	1,944	2,551	1,191.45	3,559	9,567
1,188.95	1,976	2,649	1,191.50	3,590	9,746
1,189.00	2,007	2,748	1,191.55	3,622	9,926
1,189.05	2,039	2,850	1,191.60	3,654	10,108
1,189.10	2,071	2,952	1,191.65	3,685	10,291
1,189.15	2,102	3,057	1,191.70	3,717	10,476
1,189.20	2,134	3,163	1,191.75	3,749	10,663
1,189.25	2,166	3,270	1,191.80	3,780	10,851
1,189.30	2,197	3,379	1,191.85	3,812	11,041
1,189.35	2,229	3,490	1,191.90	3,844	11,232
1,189.40	2,261	3,602	1,191.95	3,875	11,425
1,189.45	2,292	3,716	1,192.00	**3,907**	**11,620**
1,189.50	2,324	3,831			

Summary for Pond P3E: Pond 3E

Inflow Area = 2.780 ac, 19.06% Impervious, Inflow Depth = 0.85" for 2 YR event
Inflow = 3.57 cfs @ 12.14 hrs, Volume= 0.196 af
Outflow = 0.30 cfs @ 13.44 hrs, Volume= 0.196 af, Atten= 92%, Lag= 78.0 min
Primary = 0.02 cfs @ 13.44 hrs, Volume= 0.002 af
Routed to Link 4L : Post - North
Secondary = 0.28 cfs @ 13.44 hrs, Volume= 0.194 af
Tertiary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,217.25' @ 13.44 hrs Surf.Area= 3,379 sf Storage= 3,688 cf

Plug-Flow detention time= 129.4 min calculated for 0.196 af (100% of inflow)
Center-of-Mass det. time= 129.4 min (978.0 - 848.6)

Volume	Invert	Avail.Storage	Storage Description
#1	1,216.00'	15,578 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

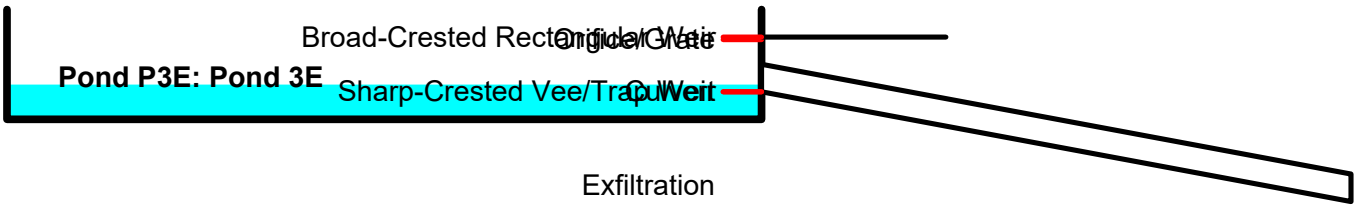
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,216.00	2,517	0	0
1,220.00	5,272	15,578	15,578

Device	Routing	Invert	Outlet Devices
#1	Primary	1,217.00'	**12.0" Round Culvert** L= 32.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,217.00' / 1,213.00' S= 0.1250 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,217.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,218.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600
#4	Secondary	1,216.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,219.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

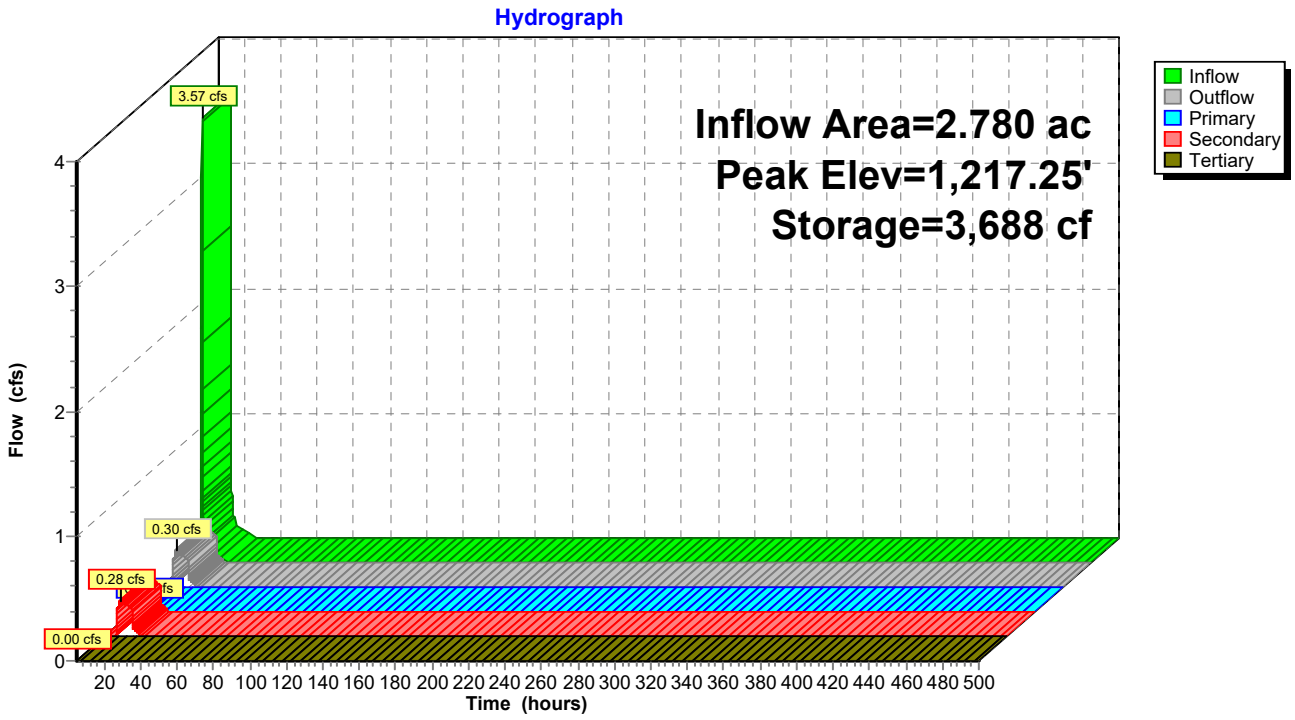
Primary OutFlow Max=0.01 cfs @ 13.44 hrs HW=1,217.25' (Free Discharge)
└**1=Culvert** (Passes 0.01 cfs of 0.26 cfs potential flow)
└**2=Sharp-Crested Vee/Trap Weir** (Weir Controls 0.01 cfs @ 1.35 fps)
└**3=Orifice/Grate** (Controls 0.00 cfs)

Secondary OutFlow Max=0.28 cfs @ 13.44 hrs HW=1,217.25' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.28 cfs)

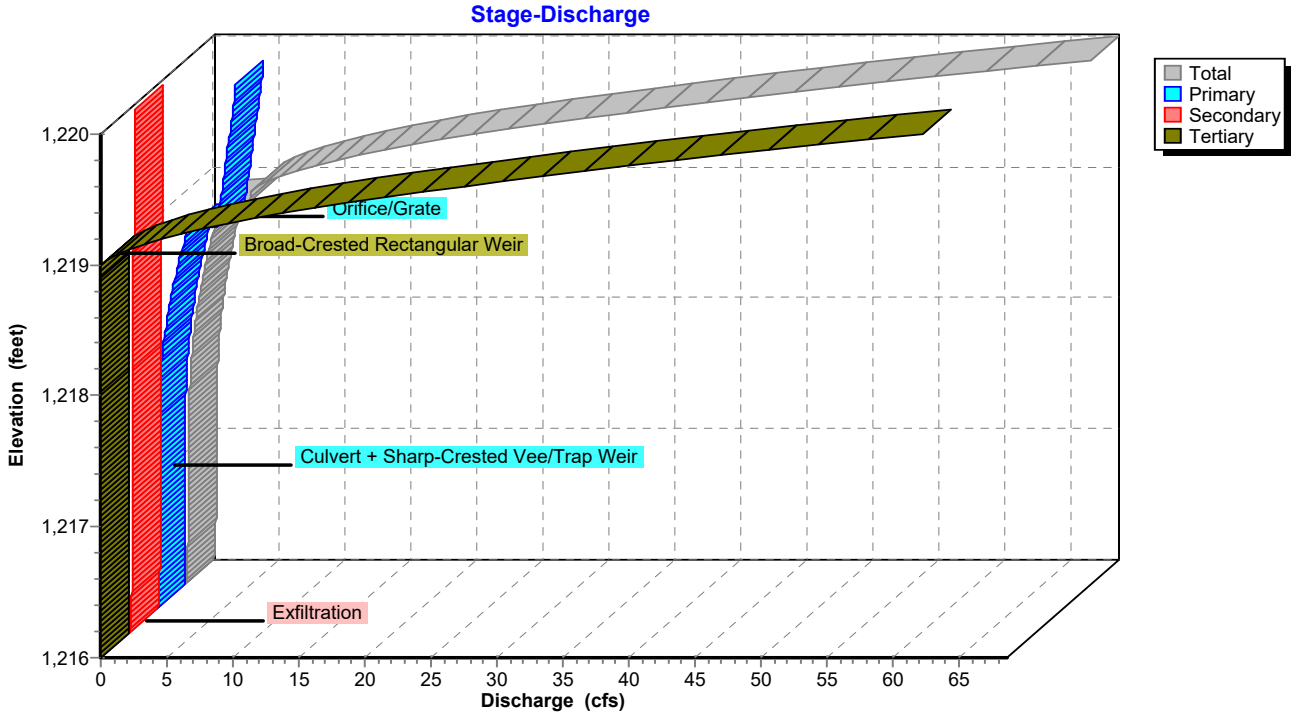
Tertiary OutFlow Max=0.00 cfs @ 5.00 hrs HW=1,216.00' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)



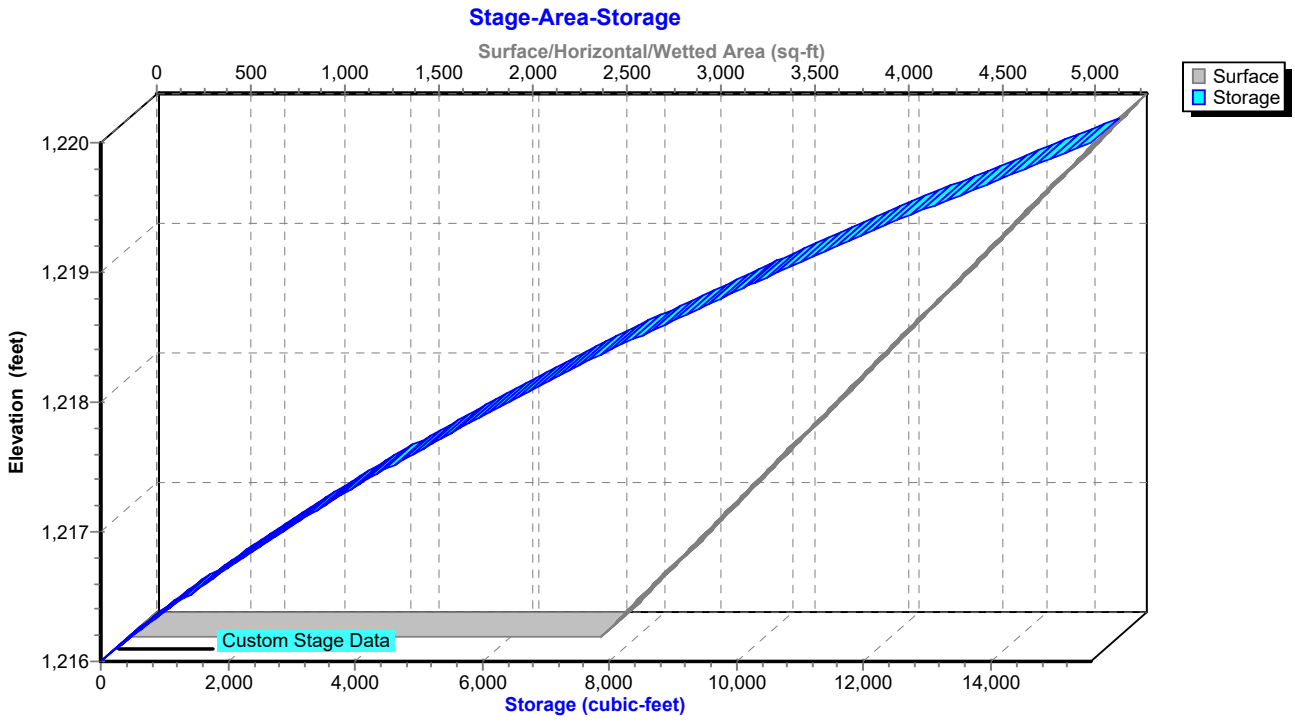
Pond P3E: Pond 3E



Pond P3E: Pond 3E



Pond P3E: Pond 3E



Hydrograph for Pond P3E: Pond 3E

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,216.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**0.16**	**3,132**	**1,217.08**	**0.27**	**0.00**	**0.27**	0.00
25.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
35.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P3E: Pond 3E

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,216.00	0.00	0.00	0.00	0.00
1,216.10	0.22	0.00	0.22	0.00
1,216.20	0.22	0.00	0.22	0.00
1,216.30	0.23	0.00	0.23	0.00
1,216.40	0.23	0.00	0.23	0.00
1,216.50	0.24	0.00	0.24	0.00
1,216.60	0.24	0.00	0.24	0.00
1,216.70	0.25	0.00	0.25	0.00
1,216.80	0.26	0.00	0.26	0.00
1,216.90	0.26	0.00	0.26	0.00
1,217.00	0.27	0.00	0.27	0.00
1,217.10	0.27	0.00	0.27	0.00
1,217.20	0.29	0.01	0.28	0.00
1,217.30	0.31	0.02	0.28	0.00
1,217.40	0.34	0.05	0.29	0.00
1,217.50	0.38	0.08	0.30	0.00
1,217.60	0.43	0.13	0.30	0.00
1,217.70	0.50	0.19	0.31	0.00
1,217.80	0.58	0.27	0.31	0.00
1,217.90	0.68	0.36	0.32	0.00
1,218.00	0.80	0.47	0.32	0.00
1,218.10	0.93	0.60	0.33	0.00
1,218.20	1.08	0.75	0.34	0.00
1,218.30	1.26	0.91	0.34	0.00
1,218.40	1.45	1.10	0.35	0.00
1,218.50	1.66	1.31	0.35	0.00
1,218.60	1.89	1.54	0.36	0.00
1,218.70	2.15	1.79	0.36	0.00
1,218.80	2.43	2.06	0.37	0.00
1,218.90	2.74	2.36	0.38	0.00
1,219.00	5.01	4.63	0.38	0.00
1,219.10	6.77	4.78	0.39	1.60
1,219.20	9.92	4.93	0.39	4.60
1,219.30	14.17	5.07	0.40	8.70
1,219.40	19.40	5.21	0.40	13.78
1,219.50	25.84	5.35	0.41	20.08
1,219.60	33.40	5.48	0.42	27.51
1,219.70	41.13	5.61	0.42	35.10
1,219.80	49.59	5.74	0.43	43.42
1,219.90	58.74	5.86	0.43	52.45
1,220.00	**68.59**	**5.98**	**0.44**	**62.18**

Stage-Area-Storage for Pond P3E: Pond 3E

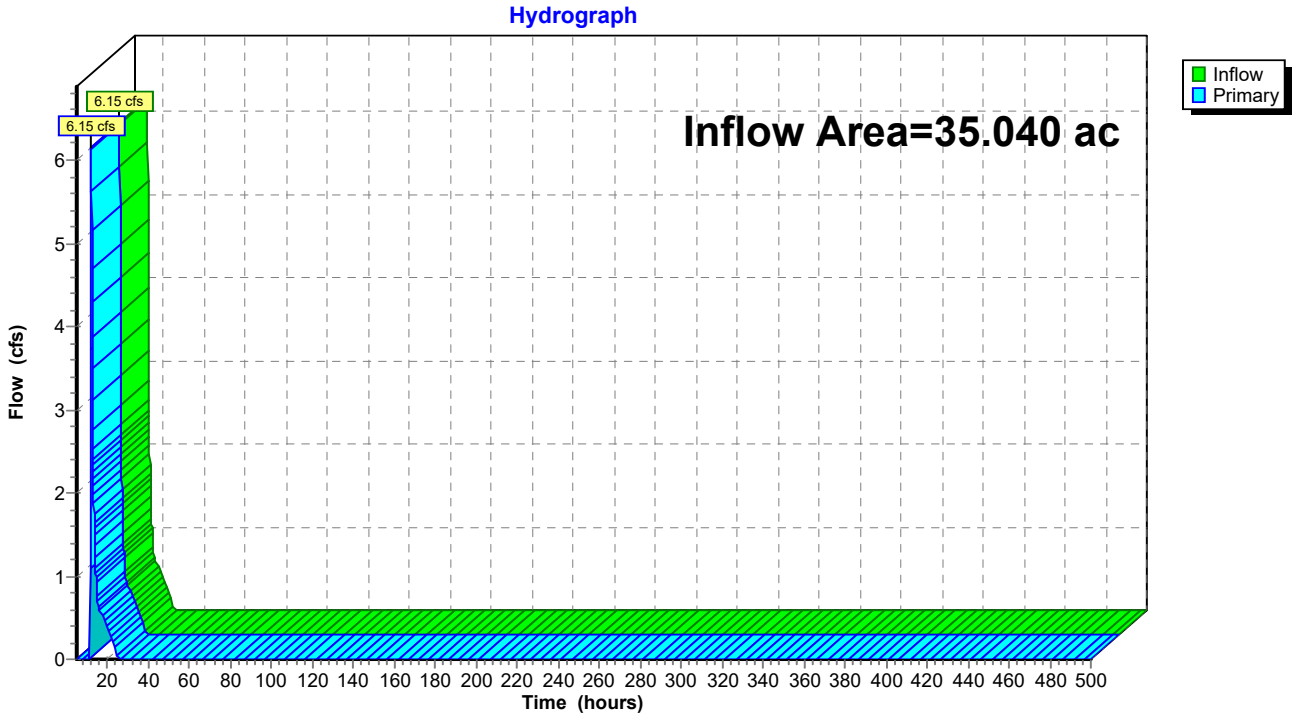
Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,216.00	2,517	0
1,216.05	2,551	127
1,216.10	2,586	255
1,216.15	2,620	385
1,216.20	2,655	517
1,216.25	2,689	651
1,216.30	2,724	786
1,216.35	2,758	923
1,216.40	2,793	1,062
1,216.45	2,827	1,202
1,216.50	2,861	1,345
1,216.55	2,896	1,489
1,216.60	2,930	1,634
1,216.65	2,965	1,782
1,216.70	2,999	1,931
1,216.75	3,034	2,081
1,216.80	3,068	2,234
1,216.85	3,102	2,388
1,216.90	3,137	2,544
1,216.95	3,171	2,702
1,217.00	3,206	2,861
1,217.05	3,240	3,023
1,217.10	3,275	3,185
1,217.15	3,309	3,350
1,217.20	3,344	3,516
1,217.25	3,378	3,684
1,217.30	3,412	3,854
1,217.35	3,447	4,026
1,217.40	3,481	4,199
1,217.45	3,516	4,374
1,217.50	3,550	4,550
1,217.55	3,585	4,729
1,217.60	3,619	4,909
1,217.65	3,653	5,091
1,217.70	3,688	5,274
1,217.75	3,722	5,459
1,217.80	3,757	5,646
1,217.85	3,791	5,835
1,217.90	3,826	6,025
1,217.95	3,860	6,218
1,218.00	3,895	6,412
1,218.05	3,929	6,607
1,218.10	3,963	6,804
1,218.15	3,998	7,003
1,218.20	4,032	7,204
1,218.25	4,067	7,407
1,218.30	4,101	7,611
1,218.35	4,136	7,817
1,218.40	4,170	8,024
1,218.45	4,204	8,234
1,218.50	4,239	8,445
1,218.55	4,273	8,658
1,218.60	4,308	8,872
1,218.65	4,342	9,088
1,218.70	4,377	9,306
1,218.75	4,411	9,526
1,218.80	4,445	9,747
1,218.85	4,480	9,971
1,218.90	4,514	10,195
1,218.95	4,549	10,422
1,219.00	4,583	10,650
1,219.05	4,618	10,880
1,219.10	4,652	11,112
1,219.15	4,687	11,346
1,219.20	4,721	11,581
1,219.25	4,755	11,818
1,219.30	4,790	12,056
1,219.35	4,824	12,297
1,219.40	4,859	12,539
1,219.45	4,893	12,783
1,219.50	4,928	13,028
1,219.55	4,962	13,275
1,219.60	4,996	13,524
1,219.65	5,031	13,775
1,219.70	5,065	14,027
1,219.75	5,100	14,282
1,219.80	5,134	14,537
1,219.85	5,169	14,795
1,219.90	5,203	15,054
1,219.95	5,238	15,315
1,220.00	**5,272**	**15,578**

Summary for Link 1L: Total Pre - Development

Inflow Area = 35.040 ac, 0.00% Impervious, Inflow Depth = 0.27" for 2 YR event
Inflow = 6.15 cfs @ 12.24 hrs, Volume= 0.790 af
Primary = 6.15 cfs @ 12.24 hrs, Volume= 0.790 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs

Link 1L: Total Pre - Development



Hydrograph for Link 1L: Total Pre - Development

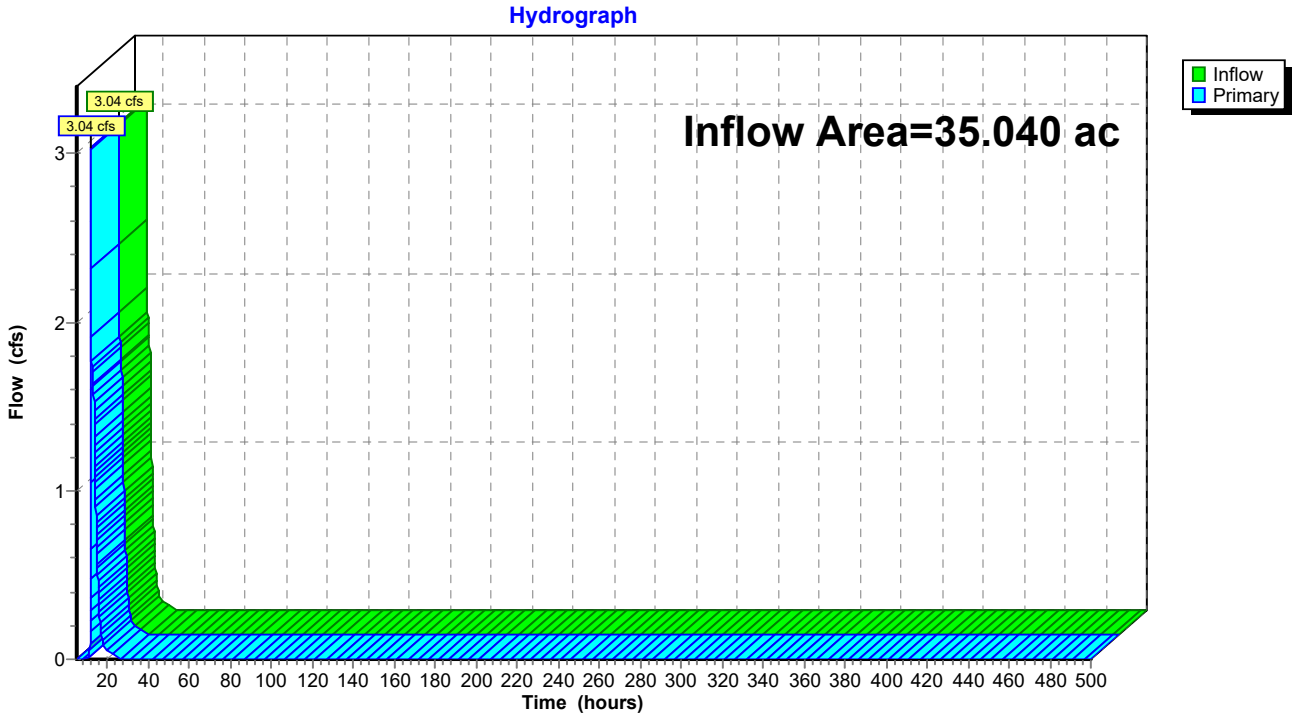
Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.00	0.00	**0.00**	0.00	260.00	0.00	0.00	0.00
10.00	**0.00**	0.00	**0.00**	265.00	0.00	0.00	0.00
15.00	**0.96**	0.00	**0.96**	270.00	0.00	0.00	0.00
20.00	0.40	0.00	0.40	275.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	280.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	285.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	290.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	295.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	300.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	305.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	310.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	315.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	320.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	325.00	0.00	0.00	0.00
75.00	0.00	0.00	0.00	330.00	0.00	0.00	0.00
80.00	0.00	0.00	0.00	335.00	0.00	0.00	0.00
85.00	0.00	0.00	0.00	340.00	0.00	0.00	0.00
90.00	0.00	0.00	0.00	345.00	0.00	0.00	0.00
95.00	0.00	0.00	0.00	350.00	0.00	0.00	0.00
100.00	0.00	0.00	0.00	355.00	0.00	0.00	0.00
105.00	0.00	0.00	0.00	360.00	0.00	0.00	0.00
110.00	0.00	0.00	0.00	365.00	0.00	0.00	0.00
115.00	0.00	0.00	0.00	370.00	0.00	0.00	0.00
120.00	0.00	0.00	0.00	375.00	0.00	0.00	0.00
125.00	0.00	0.00	0.00	380.00	0.00	0.00	0.00
130.00	0.00	0.00	0.00	385.00	0.00	0.00	0.00
135.00	0.00	0.00	0.00	390.00	0.00	0.00	0.00
140.00	0.00	0.00	0.00	395.00	0.00	0.00	0.00
145.00	0.00	0.00	0.00	400.00	0.00	0.00	0.00
150.00	0.00	0.00	0.00	405.00	0.00	0.00	0.00
155.00	0.00	0.00	0.00	410.00	0.00	0.00	0.00
160.00	0.00	0.00	0.00	415.00	0.00	0.00	0.00
165.00	0.00	0.00	0.00	420.00	0.00	0.00	0.00
170.00	0.00	0.00	0.00	425.00	0.00	0.00	0.00
175.00	0.00	0.00	0.00	430.00	0.00	0.00	0.00
180.00	0.00	0.00	0.00	435.00	0.00	0.00	0.00
185.00	0.00	0.00	0.00	440.00	0.00	0.00	0.00
190.00	0.00	0.00	0.00	445.00	0.00	0.00	0.00
195.00	0.00	0.00	0.00	450.00	0.00	0.00	0.00
200.00	0.00	0.00	0.00	455.00	0.00	0.00	0.00
205.00	0.00	0.00	0.00	460.00	0.00	0.00	0.00
210.00	0.00	0.00	0.00	465.00	0.00	0.00	0.00
215.00	0.00	0.00	0.00	470.00	0.00	0.00	0.00
220.00	0.00	0.00	0.00	475.00	0.00	0.00	0.00
225.00	0.00	0.00	0.00	480.00	0.00	0.00	0.00
230.00	0.00	0.00	0.00	485.00	0.00	0.00	0.00
235.00	0.00	0.00	0.00	490.00	0.00	0.00	0.00
240.00	0.00	0.00	0.00	495.00	0.00	0.00	0.00
245.00	0.00	0.00	0.00	500.00	0.00	0.00	0.00
250.00	0.00	0.00	0.00				
255.00	0.00	0.00	0.00				

Summary for Link 2L: Total Post - Development

Inflow Area = 35.040 ac, 19.66% Impervious, Inflow Depth = 0.15" for 2 YR event
Inflow = 3.04 cfs @ 12.14 hrs, Volume= 0.429 af
Primary = 3.04 cfs @ 12.14 hrs, Volume= 0.429 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs

Link 2L: Total Post - Development



Hydrograph for Link 2L: Total Post - Development

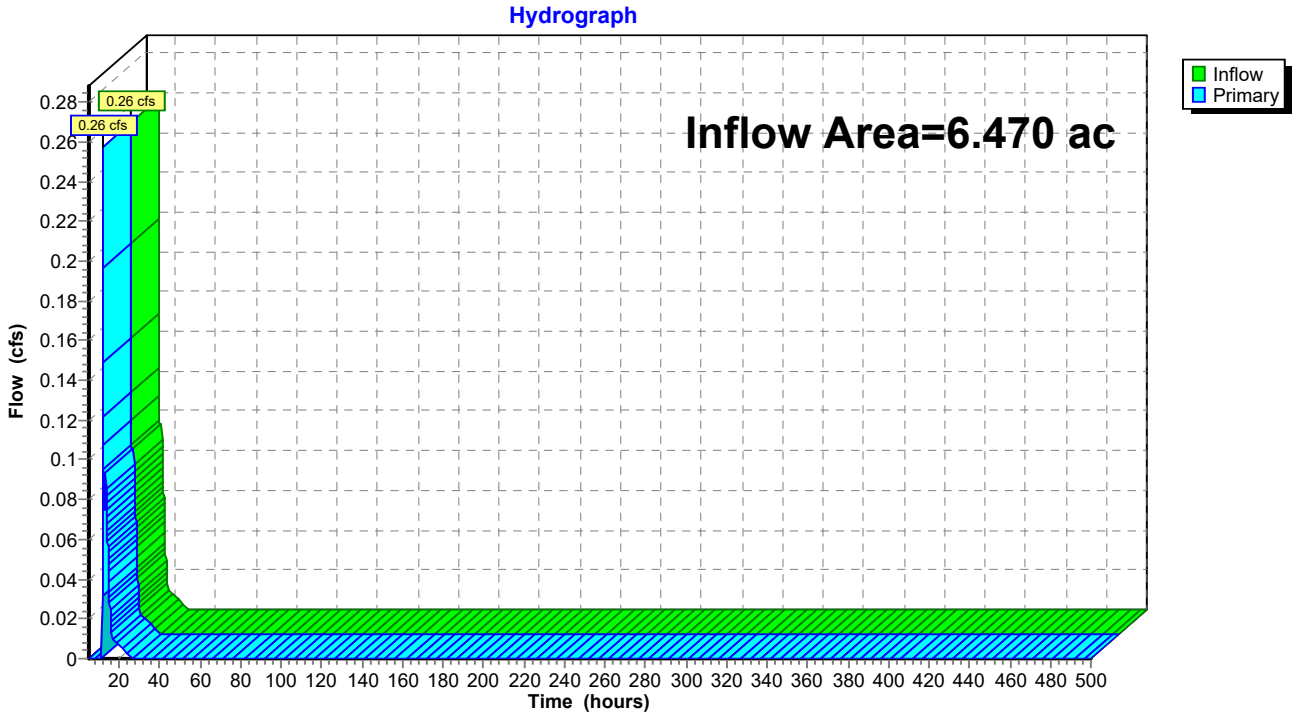
Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.00	0.00	**0.00**	0.00	260.00	0.00	0.00	0.00
10.00	**0.00**	0.00	**0.00**	265.00	0.00	0.00	0.00
15.00	**0.63**	0.00	**0.63**	270.00	0.00	0.00	0.00
20.00	0.05	0.00	0.05	275.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	280.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	285.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	290.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	295.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	300.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	305.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	310.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	315.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	320.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	325.00	0.00	0.00	0.00
75.00	0.00	0.00	0.00	330.00	0.00	0.00	0.00
80.00	0.00	0.00	0.00	335.00	0.00	0.00	0.00
85.00	0.00	0.00	0.00	340.00	0.00	0.00	0.00
90.00	0.00	0.00	0.00	345.00	0.00	0.00	0.00
95.00	0.00	0.00	0.00	350.00	0.00	0.00	0.00
100.00	0.00	0.00	0.00	355.00	0.00	0.00	0.00
105.00	0.00	0.00	0.00	360.00	0.00	0.00	0.00
110.00	0.00	0.00	0.00	365.00	0.00	0.00	0.00
115.00	0.00	0.00	0.00	370.00	0.00	0.00	0.00
120.00	0.00	0.00	0.00	375.00	0.00	0.00	0.00
125.00	0.00	0.00	0.00	380.00	0.00	0.00	0.00
130.00	0.00	0.00	0.00	385.00	0.00	0.00	0.00
135.00	0.00	0.00	0.00	390.00	0.00	0.00	0.00
140.00	0.00	0.00	0.00	395.00	0.00	0.00	0.00
145.00	0.00	0.00	0.00	400.00	0.00	0.00	0.00
150.00	0.00	0.00	0.00	405.00	0.00	0.00	0.00
155.00	0.00	0.00	0.00	410.00	0.00	0.00	0.00
160.00	0.00	0.00	0.00	415.00	0.00	0.00	0.00
165.00	0.00	0.00	0.00	420.00	0.00	0.00	0.00
170.00	0.00	0.00	0.00	425.00	0.00	0.00	0.00
175.00	0.00	0.00	0.00	430.00	0.00	0.00	0.00
180.00	0.00	0.00	0.00	435.00	0.00	0.00	0.00
185.00	0.00	0.00	0.00	440.00	0.00	0.00	0.00
190.00	0.00	0.00	0.00	445.00	0.00	0.00	0.00
195.00	0.00	0.00	0.00	450.00	0.00	0.00	0.00
200.00	0.00	0.00	0.00	455.00	0.00	0.00	0.00
205.00	0.00	0.00	0.00	460.00	0.00	0.00	0.00
210.00	0.00	0.00	0.00	465.00	0.00	0.00	0.00
215.00	0.00	0.00	0.00	470.00	0.00	0.00	0.00
220.00	0.00	0.00	0.00	475.00	0.00	0.00	0.00
225.00	0.00	0.00	0.00	480.00	0.00	0.00	0.00
230.00	0.00	0.00	0.00	485.00	0.00	0.00	0.00
235.00	0.00	0.00	0.00	490.00	0.00	0.00	0.00
240.00	0.00	0.00	0.00	495.00	0.00	0.00	0.00
245.00	0.00	0.00	0.00	500.00	0.00	0.00	0.00
250.00	0.00	0.00	0.00				
255.00	0.00	0.00	0.00				

Summary for Link 3L: Post - South

Inflow Area = 6.470 ac, 18.70% Impervious, Inflow Depth = 0.05" for 2 YR event
Inflow = 0.26 cfs @ 12.15 hrs, Volume= 0.027 af
Primary = 0.26 cfs @ 12.15 hrs, Volume= 0.027 af, Atten= 0%, Lag= 0.0 min
Routed to Link 2L : Total Post - Development

Primary outflow = Inflow, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs

Link 3L: Post - South



Hydrograph for Link 3L: Post - South

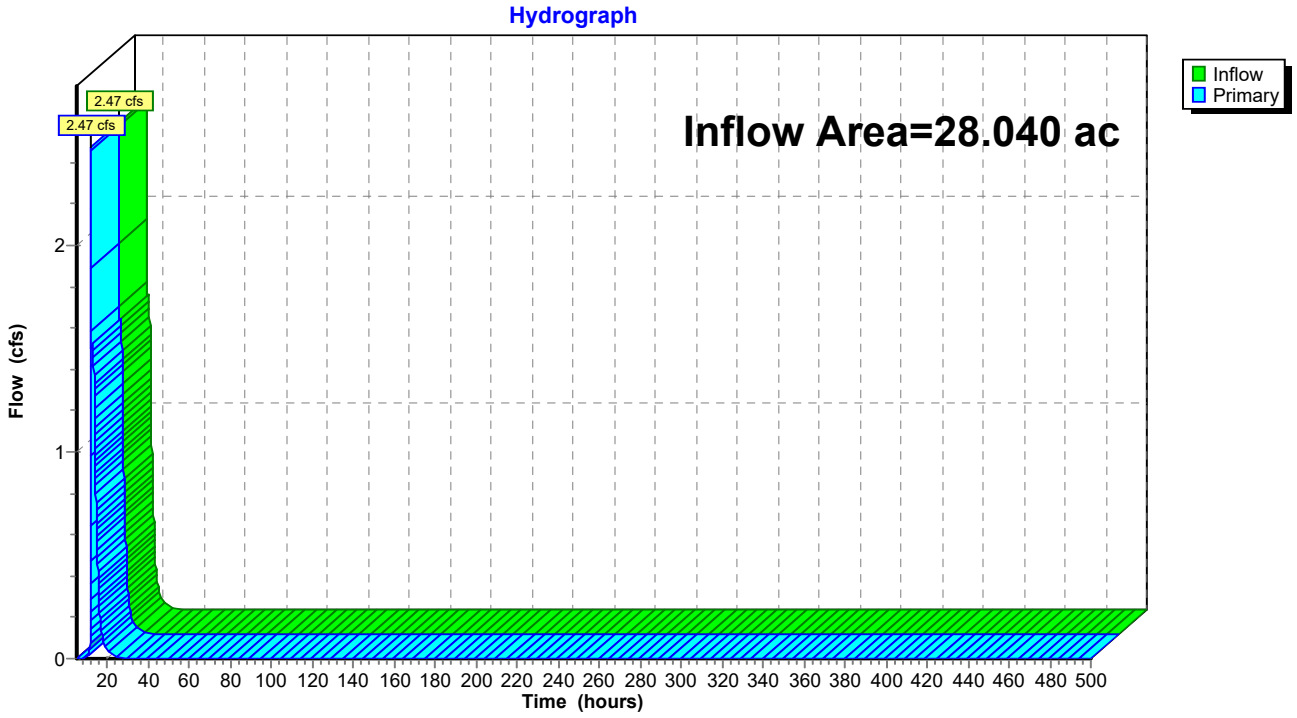
Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.00	0.00	**0.00**	0.00	260.00	0.00	0.00	0.00
10.00	**0.00**	0.00	**0.00**	265.00	0.00	0.00	0.00
15.00	**0.04**	0.00	**0.04**	270.00	0.00	0.00	0.00
20.00	0.01	0.00	0.01	275.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	280.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	285.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	290.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	295.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	300.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	305.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	310.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	315.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	320.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	325.00	0.00	0.00	0.00
75.00	0.00	0.00	0.00	330.00	0.00	0.00	0.00
80.00	0.00	0.00	0.00	335.00	0.00	0.00	0.00
85.00	0.00	0.00	0.00	340.00	0.00	0.00	0.00
90.00	0.00	0.00	0.00	345.00	0.00	0.00	0.00
95.00	0.00	0.00	0.00	350.00	0.00	0.00	0.00
100.00	0.00	0.00	0.00	355.00	0.00	0.00	0.00
105.00	0.00	0.00	0.00	360.00	0.00	0.00	0.00
110.00	0.00	0.00	0.00	365.00	0.00	0.00	0.00
115.00	0.00	0.00	0.00	370.00	0.00	0.00	0.00
120.00	0.00	0.00	0.00	375.00	0.00	0.00	0.00
125.00	0.00	0.00	0.00	380.00	0.00	0.00	0.00
130.00	0.00	0.00	0.00	385.00	0.00	0.00	0.00
135.00	0.00	0.00	0.00	390.00	0.00	0.00	0.00
140.00	0.00	0.00	0.00	395.00	0.00	0.00	0.00
145.00	0.00	0.00	0.00	400.00	0.00	0.00	0.00
150.00	0.00	0.00	0.00	405.00	0.00	0.00	0.00
155.00	0.00	0.00	0.00	410.00	0.00	0.00	0.00
160.00	0.00	0.00	0.00	415.00	0.00	0.00	0.00
165.00	0.00	0.00	0.00	420.00	0.00	0.00	0.00
170.00	0.00	0.00	0.00	425.00	0.00	0.00	0.00
175.00	0.00	0.00	0.00	430.00	0.00	0.00	0.00
180.00	0.00	0.00	0.00	435.00	0.00	0.00	0.00
185.00	0.00	0.00	0.00	440.00	0.00	0.00	0.00
190.00	0.00	0.00	0.00	445.00	0.00	0.00	0.00
195.00	0.00	0.00	0.00	450.00	0.00	0.00	0.00
200.00	0.00	0.00	0.00	455.00	0.00	0.00	0.00
205.00	0.00	0.00	0.00	460.00	0.00	0.00	0.00
210.00	0.00	0.00	0.00	465.00	0.00	0.00	0.00
215.00	0.00	0.00	0.00	470.00	0.00	0.00	0.00
220.00	0.00	0.00	0.00	475.00	0.00	0.00	0.00
225.00	0.00	0.00	0.00	480.00	0.00	0.00	0.00
230.00	0.00	0.00	0.00	485.00	0.00	0.00	0.00
235.00	0.00	0.00	0.00	490.00	0.00	0.00	0.00
240.00	0.00	0.00	0.00	495.00	0.00	0.00	0.00
245.00	0.00	0.00	0.00	500.00	0.00	0.00	0.00
250.00	0.00	0.00	0.00				
255.00	0.00	0.00	0.00				

Summary for Link 4L: Post - North

Inflow Area = 28.040 ac, 20.04% Impervious, Inflow Depth = 0.16" for 2 YR event
Inflow = 2.47 cfs @ 12.14 hrs, Volume= 0.382 af
Primary = 2.47 cfs @ 12.14 hrs, Volume= 0.382 af, Atten= 0%, Lag= 0.0 min
Routed to Link 2L : Total Post - Development

Primary outflow = Inflow, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs

Link 4L: Post - North



Hydrograph for Link 4L: Post - North

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.00	0.00	**0.00**	0.00	260.00	0.00	0.00	0.00
10.00	**0.00**	0.00	**0.00**	265.00	0.00	0.00	0.00
15.00	**0.56**	0.00	**0.56**	270.00	0.00	0.00	0.00
20.00	0.04	0.00	0.04	275.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	280.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	285.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	290.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	295.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	300.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	305.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	310.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	315.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	320.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	325.00	0.00	0.00	0.00
75.00	0.00	0.00	0.00	330.00	0.00	0.00	0.00
80.00	0.00	0.00	0.00	335.00	0.00	0.00	0.00
85.00	0.00	0.00	0.00	340.00	0.00	0.00	0.00
90.00	0.00	0.00	0.00	345.00	0.00	0.00	0.00
95.00	0.00	0.00	0.00	350.00	0.00	0.00	0.00
100.00	0.00	0.00	0.00	355.00	0.00	0.00	0.00
105.00	0.00	0.00	0.00	360.00	0.00	0.00	0.00
110.00	0.00	0.00	0.00	365.00	0.00	0.00	0.00
115.00	0.00	0.00	0.00	370.00	0.00	0.00	0.00
120.00	0.00	0.00	0.00	375.00	0.00	0.00	0.00
125.00	0.00	0.00	0.00	380.00	0.00	0.00	0.00
130.00	0.00	0.00	0.00	385.00	0.00	0.00	0.00
135.00	0.00	0.00	0.00	390.00	0.00	0.00	0.00
140.00	0.00	0.00	0.00	395.00	0.00	0.00	0.00
145.00	0.00	0.00	0.00	400.00	0.00	0.00	0.00
150.00	0.00	0.00	0.00	405.00	0.00	0.00	0.00
155.00	0.00	0.00	0.00	410.00	0.00	0.00	0.00
160.00	0.00	0.00	0.00	415.00	0.00	0.00	0.00
165.00	0.00	0.00	0.00	420.00	0.00	0.00	0.00
170.00	0.00	0.00	0.00	425.00	0.00	0.00	0.00
175.00	0.00	0.00	0.00	430.00	0.00	0.00	0.00
180.00	0.00	0.00	0.00	435.00	0.00	0.00	0.00
185.00	0.00	0.00	0.00	440.00	0.00	0.00	0.00
190.00	0.00	0.00	0.00	445.00	0.00	0.00	0.00
195.00	0.00	0.00	0.00	450.00	0.00	0.00	0.00
200.00	0.00	0.00	0.00	455.00	0.00	0.00	0.00
205.00	0.00	0.00	0.00	460.00	0.00	0.00	0.00
210.00	0.00	0.00	0.00	465.00	0.00	0.00	0.00
215.00	0.00	0.00	0.00	470.00	0.00	0.00	0.00
220.00	0.00	0.00	0.00	475.00	0.00	0.00	0.00
225.00	0.00	0.00	0.00	480.00	0.00	0.00	0.00
230.00	0.00	0.00	0.00	485.00	0.00	0.00	0.00
235.00	0.00	0.00	0.00	490.00	0.00	0.00	0.00
240.00	0.00	0.00	0.00	495.00	0.00	0.00	0.00
245.00	0.00	0.00	0.00	500.00	0.00	0.00	0.00
250.00	0.00	0.00	0.00				
255.00	0.00	0.00	0.00				

Time span=5.00-500.00 hrs, dt=0.05 hrs, 9901 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment1: Pre - South Runoff Area=4.910 ac 0.00% Impervious Runoff Depth=0.42"
Tc=10.0 min CN=55 Runoff=1.62 cfs 0.170 af

Subcatchment1A: Post 1A Runoff Area=6.030 ac 19.24% Impervious Runoff Depth=1.02"
Tc=6.0 min CN=68 Runoff=9.27 cfs 0.512 af

Subcatchment1B: Post 1B - Offsite Runoff Area=0.440 ac 11.36% Impervious Runoff Depth=0.86"
Tc=6.0 min CN=65 Runoff=0.55 cfs 0.032 af

Subcatchment2: Pre - West Runoff Area=2.540 ac 0.00% Impervious Runoff Depth=0.42"
Tc=6.0 min CN=55 Runoff=1.04 cfs 0.088 af

Subcatchment2A: Post 2A - Offsite Runoff Area=0.530 ac 11.32% Impervious Runoff Depth=0.86"
Tc=6.0 min CN=65 Runoff=0.66 cfs 0.038 af

Subcatchment3: Pre - North Runoff Area=27.590 ac 0.00% Impervious Runoff Depth=0.62"
Tc=10.0 min CN=60 Runoff=18.17 cfs 1.426 af

Subcatchment3A: Post 3A Runoff Area=10.600 ac 18.58% Impervious Runoff Depth=1.13"
Tc=6.0 min CN=70 Runoff=18.39 cfs 1.001 af

Subcatchment3B: Post 3B Runoff Area=8.450 ac 19.88% Impervious Runoff Depth=1.19"
Tc=6.0 min CN=71 Runoff=15.52 cfs 0.840 af

Subcatchment3C: Post 3C Runoff Area=2.490 ac 22.89% Impervious Runoff Depth=1.45"
Tc=6.0 min CN=75 Runoff=5.62 cfs 0.300 af

Subcatchment3D: Post 3D Runoff Area=2.380 ac 23.95% Impervious Runoff Depth=1.51"
Tc=6.0 min CN=76 Runoff=5.64 cfs 0.300 af

Subcatchment3E: Post 3E Runoff Area=2.780 ac 19.06% Impervious Runoff Depth=1.38"
Tc=6.0 min CN=74 Runoff=5.98 cfs 0.320 af

Subcatchment3Y: Post 3Y - Offsite Runoff Area=0.820 ac 36.59% Impervious Runoff Depth=2.03"
Tc=6.0 min CN=83 Runoff=2.59 cfs 0.139 af

Subcatchment3Z: Post 3Z - Offsite Runoff Area=0.520 ac 0.00% Impervious Runoff Depth=1.38"
Tc=6.0 min CN=74 Runoff=1.12 cfs 0.060 af

Subcatchment5S: Culvert 1 Runoff Area=4,797 sf 48.61% Impervious Runoff Depth=1.72"
Tc=6.0 min CN=79 Runoff=0.30 cfs 0.016 af

Subcatchment6S: Culvert 2 Runoff Area=24,708 sf 36.87% Impervious Runoff Depth=1.45"
Tc=6.0 min CN=75 Runoff=1.28 cfs 0.068 af

Subcatchment7S: Culvert 3 Runoff Area=41,517 sf 32.00% Impervious Runoff Depth=1.32"
Tc=6.0 min CN=73 Runoff=1.95 cfs 0.105 af

Subcatchment8S: Culvert 4 Runoff Area=209,603 sf 25.18% Impervious Runoff Depth=1.13"
Tc=6.0 min CN=70 Runoff=8.35 cfs 0.455 af

Subcatchment9S: Culvert 5 Runoff Area=188,836 sf 19.96% Impervious Runoff Depth=1.02"
Tc=6.0 min CN=68 Runoff=6.66 cfs 0.368 af

Pond P1A: Pond 1A Peak Elev=1,241.17' Storage=8,802 cf Inflow=9.27 cfs 0.512 af
Primary=0.70 cfs 0.135 af Secondary=0.47 cfs 0.377 af Tertiary=0.00 cfs 0.000 af Outflow=1.17 cfs 0.512 af

Pond P3A: Pond 3A Peak Elev=1,194.76' Storage=17,153 cf Inflow=18.39 cfs 1.001 af
Primary=1.94 cfs 0.381 af Secondary=0.69 cfs 0.621 af Tertiary=0.00 cfs 0.000 af Outflow=2.63 cfs 1.001 af

Pond P3B: Pond 3B Peak Elev=1,197.78' Storage=13,957 cf Inflow=15.52 cfs 0.840 af
Primary=2.01 cfs 0.345 af Secondary=0.60 cfs 0.495 af Tertiary=0.00 cfs 0.000 af Outflow=2.61 cfs 0.840 af

Pond P3C: Pond 3C Peak Elev=1,179.96' Storage=5,454 cf Inflow=5.62 cfs 0.300 af
Primary=0.42 cfs 0.067 af Secondary=0.31 cfs 0.233 af Tertiary=0.00 cfs 0.000 af Outflow=0.73 cfs 0.300 af

Pond P3D: Pond 3D Peak Elev=1,189.67' Storage=4,243 cf Inflow=5.64 cfs 0.300 af
Primary=1.72 cfs 0.153 af Secondary=0.20 cfs 0.147 af Tertiary=0.00 cfs 0.000 af Outflow=1.92 cfs 0.300 af

Pond P3E: Pond 3E Peak Elev=1,217.88' Storage=5,965 cf Inflow=5.98 cfs 0.320 af
Primary=0.35 cfs 0.060 af Secondary=0.32 cfs 0.260 af Tertiary=0.00 cfs 0.000 af Outflow=0.67 cfs 0.320 af

Link 1L: Total Pre - Development Inflow=20.61 cfs 1.684 af
Primary=20.61 cfs 1.684 af

Link 2L: Total Post - Development Inflow=7.52 cfs 1.408 af
Primary=7.52 cfs 1.408 af

Link 3L: Post - South Inflow=0.77 cfs 0.167 af
Primary=0.77 cfs 0.167 af

Link 4L: Post - North Inflow=6.64 cfs 1.203 af
Primary=6.64 cfs 1.203 af

Total Runoff Area = 80.857 ac Runoff Volume = 6.236 af Average Runoff Depth = 0.93"
88.21% Pervious = 71.323 ac 11.79% Impervious = 9.534 ac

Summary for Subcatchment 1: Pre - South

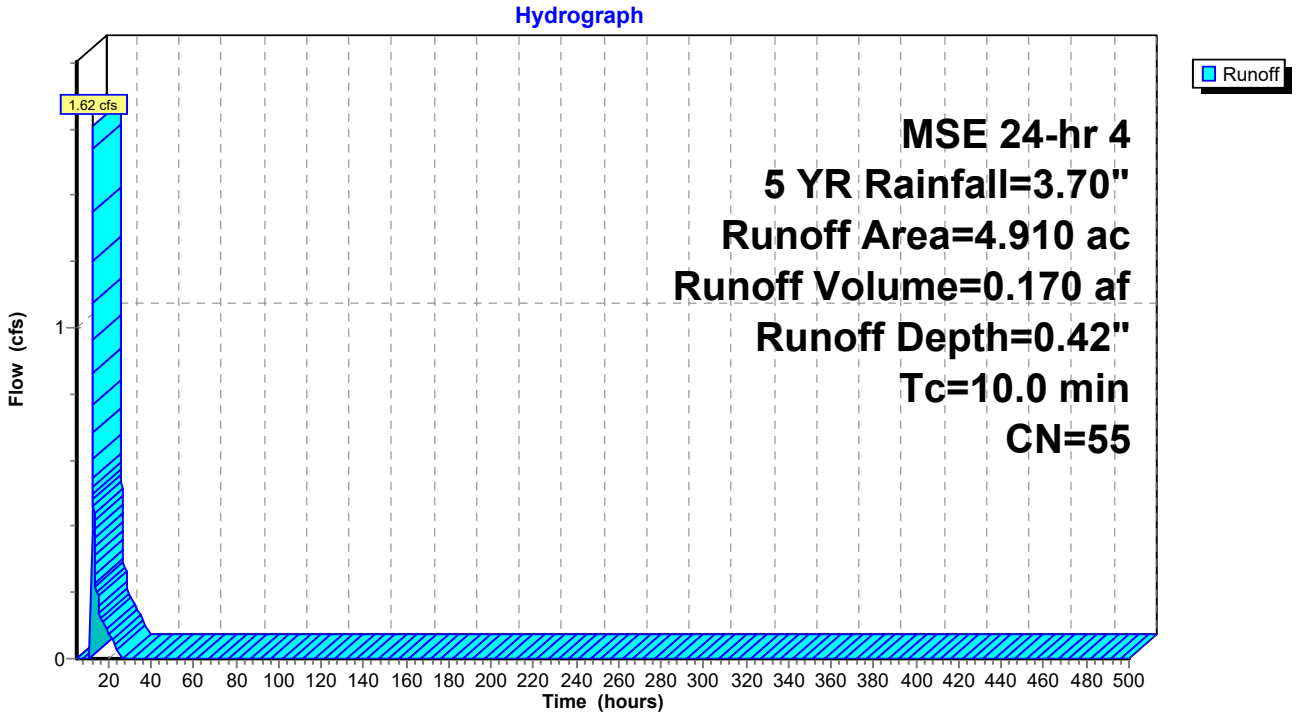
Runoff = 1.62 cfs @ 12.22 hrs, Volume= 0.170 af, Depth= 0.42"
Routed to Link 1L : Total Pre - Development

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 5 YR Rainfall=3.70"

	Area (ac)	CN	Description
*	4.910	55	Pre Dev - B Soils
	4.910		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					**Direct Entry,**

Subcatchment 1: Pre - South



Hydrograph for Subcatchment 1: Pre - South

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.17	0.00	0.00	260.00	3.70	0.42	0.00
10.00	0.59	0.00	**0.00**	265.00	3.70	0.42	0.00
15.00	3.25	0.27	**0.20**	270.00	3.70	0.42	0.00
20.00	**3.58**	**0.37**	0.08	275.00	3.70	0.42	0.00
25.00	**3.70**	**0.42**	0.00	280.00	3.70	0.42	0.00
30.00	3.70	0.42	0.00	285.00	3.70	0.42	0.00
35.00	3.70	0.42	0.00	290.00	3.70	0.42	0.00
40.00	3.70	0.42	0.00	295.00	3.70	0.42	0.00
45.00	3.70	0.42	0.00	300.00	3.70	0.42	0.00
50.00	3.70	0.42	0.00	305.00	3.70	0.42	0.00
55.00	3.70	0.42	0.00	310.00	3.70	0.42	0.00
60.00	3.70	0.42	0.00	315.00	3.70	0.42	0.00
65.00	3.70	0.42	0.00	320.00	3.70	0.42	0.00
70.00	3.70	0.42	0.00	325.00	3.70	0.42	0.00
75.00	3.70	0.42	0.00	330.00	3.70	0.42	0.00
80.00	3.70	0.42	0.00	335.00	3.70	0.42	0.00
85.00	3.70	0.42	0.00	340.00	3.70	0.42	0.00
90.00	3.70	0.42	0.00	345.00	3.70	0.42	0.00
95.00	3.70	0.42	0.00	350.00	3.70	0.42	0.00
100.00	3.70	0.42	0.00	355.00	3.70	0.42	0.00
105.00	3.70	0.42	0.00	360.00	3.70	0.42	0.00
110.00	3.70	0.42	0.00	365.00	3.70	0.42	0.00
115.00	3.70	0.42	0.00	370.00	3.70	0.42	0.00
120.00	3.70	0.42	0.00	375.00	3.70	0.42	0.00
125.00	3.70	0.42	0.00	380.00	3.70	0.42	0.00
130.00	3.70	0.42	0.00	385.00	3.70	0.42	0.00
135.00	3.70	0.42	0.00	390.00	3.70	0.42	0.00
140.00	3.70	0.42	0.00	395.00	3.70	0.42	0.00
145.00	3.70	0.42	0.00	400.00	3.70	0.42	0.00
150.00	3.70	0.42	0.00	405.00	3.70	0.42	0.00
155.00	3.70	0.42	0.00	410.00	3.70	0.42	0.00
160.00	3.70	0.42	0.00	415.00	3.70	0.42	0.00
165.00	3.70	0.42	0.00	420.00	3.70	0.42	0.00
170.00	3.70	0.42	0.00	425.00	3.70	0.42	0.00
175.00	3.70	0.42	0.00	430.00	3.70	0.42	0.00
180.00	3.70	0.42	0.00	435.00	3.70	0.42	0.00
185.00	3.70	0.42	0.00	440.00	3.70	0.42	0.00
190.00	3.70	0.42	0.00	445.00	3.70	0.42	0.00
195.00	3.70	0.42	0.00	450.00	3.70	0.42	0.00
200.00	3.70	0.42	0.00	455.00	3.70	0.42	0.00
205.00	3.70	0.42	0.00	460.00	3.70	0.42	0.00
210.00	3.70	0.42	0.00	465.00	3.70	0.42	0.00
215.00	3.70	0.42	0.00	470.00	3.70	0.42	0.00
220.00	3.70	0.42	0.00	475.00	3.70	0.42	0.00
225.00	3.70	0.42	0.00	480.00	3.70	0.42	0.00
230.00	3.70	0.42	0.00	485.00	3.70	0.42	0.00
235.00	3.70	0.42	0.00	490.00	3.70	0.42	0.00
240.00	3.70	0.42	0.00	495.00	3.70	0.42	0.00
245.00	3.70	0.42	0.00	500.00	3.70	0.42	0.00
250.00	3.70	0.42	0.00				
255.00	3.70	0.42	0.00				

Summary for Subcatchment 1A: Post 1A

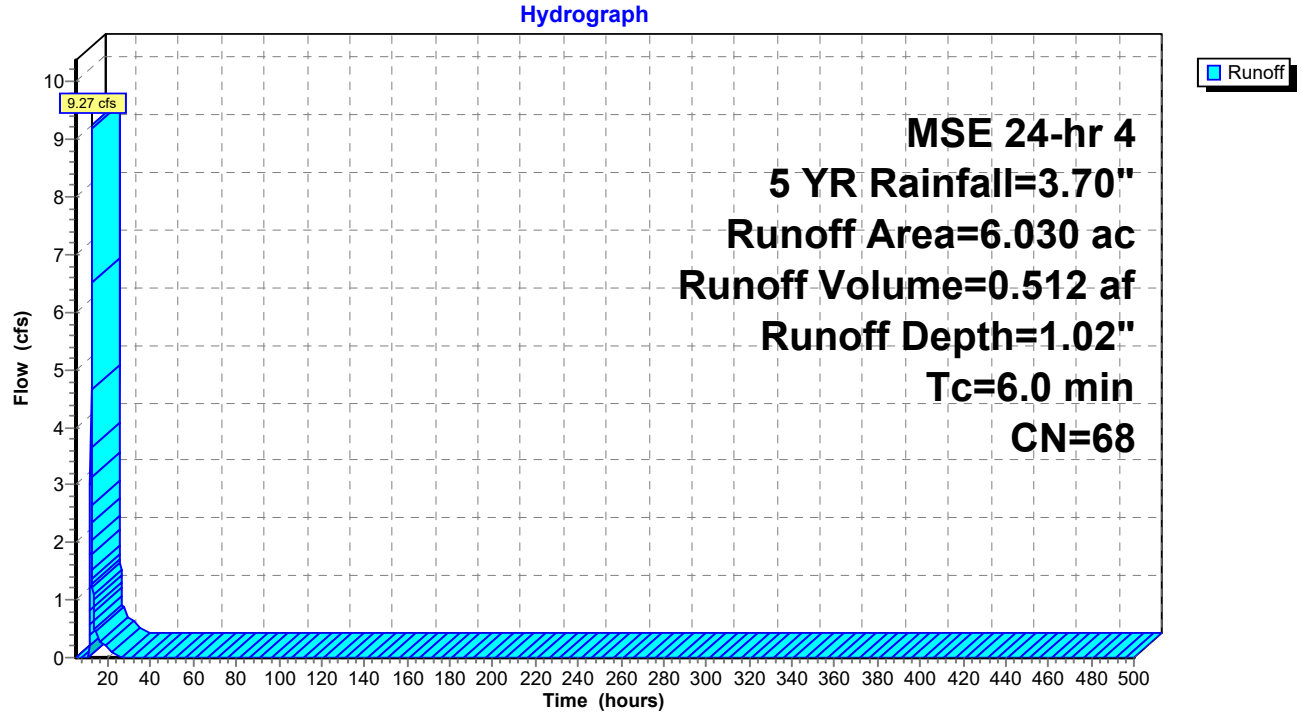
Runoff = 9.27 cfs @ 12.14 hrs, Volume= 0.512 af, Depth= 1.02"
Routed to Pond P1A : Pond 1A

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 5 YR Rainfall=3.70"

	Area (ac)	CN	Description
*	1.160	98	Impervious
*	4.870	61	Post - B Soils
*	0.000	74	Post - C Soils
	6.030	68	Weighted Average
	4.870		80.76% Pervious Area
	1.160		19.24% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 1A: Post 1A



Hydrograph for Subcatchment 1A: Post 1A

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.17	0.00	0.00	260.00	3.70	1.02	0.00
10.00	0.59	0.00	**0.00**	265.00	3.70	1.02	0.00
15.00	3.25	0.76	**0.44**	270.00	3.70	1.02	0.00
20.00	**3.58**	**0.95**	0.17	275.00	3.70	1.02	0.00
25.00	**3.70**	**1.02**	0.00	280.00	3.70	1.02	0.00
30.00	3.70	1.02	0.00	285.00	3.70	1.02	0.00
35.00	3.70	1.02	0.00	290.00	3.70	1.02	0.00
40.00	3.70	1.02	0.00	295.00	3.70	1.02	0.00
45.00	3.70	1.02	0.00	300.00	3.70	1.02	0.00
50.00	3.70	1.02	0.00	305.00	3.70	1.02	0.00
55.00	3.70	1.02	0.00	310.00	3.70	1.02	0.00
60.00	3.70	1.02	0.00	315.00	3.70	1.02	0.00
65.00	3.70	1.02	0.00	320.00	3.70	1.02	0.00
70.00	3.70	1.02	0.00	325.00	3.70	1.02	0.00
75.00	3.70	1.02	0.00	330.00	3.70	1.02	0.00
80.00	3.70	1.02	0.00	335.00	3.70	1.02	0.00
85.00	3.70	1.02	0.00	340.00	3.70	1.02	0.00
90.00	3.70	1.02	0.00	345.00	3.70	1.02	0.00
95.00	3.70	1.02	0.00	350.00	3.70	1.02	0.00
100.00	3.70	1.02	0.00	355.00	3.70	1.02	0.00
105.00	3.70	1.02	0.00	360.00	3.70	1.02	0.00
110.00	3.70	1.02	0.00	365.00	3.70	1.02	0.00
115.00	3.70	1.02	0.00	370.00	3.70	1.02	0.00
120.00	3.70	1.02	0.00	375.00	3.70	1.02	0.00
125.00	3.70	1.02	0.00	380.00	3.70	1.02	0.00
130.00	3.70	1.02	0.00	385.00	3.70	1.02	0.00
135.00	3.70	1.02	0.00	390.00	3.70	1.02	0.00
140.00	3.70	1.02	0.00	395.00	3.70	1.02	0.00
145.00	3.70	1.02	0.00	400.00	3.70	1.02	0.00
150.00	3.70	1.02	0.00	405.00	3.70	1.02	0.00
155.00	3.70	1.02	0.00	410.00	3.70	1.02	0.00
160.00	3.70	1.02	0.00	415.00	3.70	1.02	0.00
165.00	3.70	1.02	0.00	420.00	3.70	1.02	0.00
170.00	3.70	1.02	0.00	425.00	3.70	1.02	0.00
175.00	3.70	1.02	0.00	430.00	3.70	1.02	0.00
180.00	3.70	1.02	0.00	435.00	3.70	1.02	0.00
185.00	3.70	1.02	0.00	440.00	3.70	1.02	0.00
190.00	3.70	1.02	0.00	445.00	3.70	1.02	0.00
195.00	3.70	1.02	0.00	450.00	3.70	1.02	0.00
200.00	3.70	1.02	0.00	455.00	3.70	1.02	0.00
205.00	3.70	1.02	0.00	460.00	3.70	1.02	0.00
210.00	3.70	1.02	0.00	465.00	3.70	1.02	0.00
215.00	3.70	1.02	0.00	470.00	3.70	1.02	0.00
220.00	3.70	1.02	0.00	475.00	3.70	1.02	0.00
225.00	3.70	1.02	0.00	480.00	3.70	1.02	0.00
230.00	3.70	1.02	0.00	485.00	3.70	1.02	0.00
235.00	3.70	1.02	0.00	490.00	3.70	1.02	0.00
240.00	3.70	1.02	0.00	495.00	3.70	1.02	0.00
245.00	3.70	1.02	0.00	500.00	3.70	1.02	0.00
250.00	3.70	1.02	0.00				
255.00	3.70	1.02	0.00				

Summary for Subcatchment 1B: Post 1B - Offsite

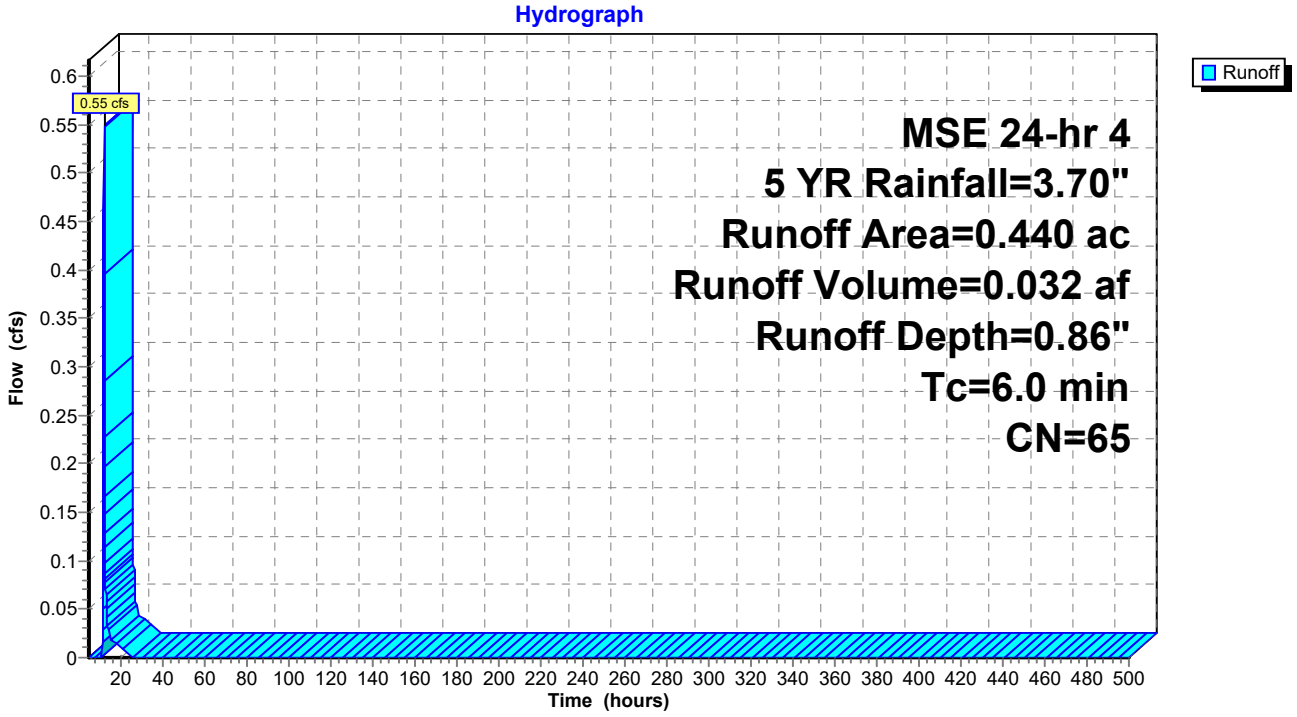
Runoff = 0.55 cfs @ 12.14 hrs, Volume= 0.032 af, Depth= 0.86"
Routed to Link 3L : Post - South

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 5 YR Rainfall=3.70"

	Area (ac)	CN	Description
*	0.050	98	Impervious
*	0.390	61	Post - B Soils
*	0.000	74	Post - C Soils
	0.440	65	Weighted Average
	0.390		88.64% Pervious Area
	0.050		11.36% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 1B: Post 1B - Offsite



Hydrograph for Subcatchment 1B: Post 1B - Offsite

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.17	0.00	0.00
10.00	0.59	0.00	**0.00**
15.00	3.25	0.63	**0.03**
20.00	**3.58**	**0.79**	0.01
25.00	**3.70**	**0.86**	0.00
30.00	3.70	0.86	0.00
35.00	3.70	0.86	0.00
40.00	3.70	0.86	0.00
45.00	3.70	0.86	0.00
50.00	3.70	0.86	0.00
55.00	3.70	0.86	0.00
60.00	3.70	0.86	0.00
65.00	3.70	0.86	0.00
70.00	3.70	0.86	0.00
75.00	3.70	0.86	0.00
80.00	3.70	0.86	0.00
85.00	3.70	0.86	0.00
90.00	3.70	0.86	0.00
95.00	3.70	0.86	0.00
100.00	3.70	0.86	0.00
105.00	3.70	0.86	0.00
110.00	3.70	0.86	0.00
115.00	3.70	0.86	0.00
120.00	3.70	0.86	0.00
125.00	3.70	0.86	0.00
130.00	3.70	0.86	0.00
135.00	3.70	0.86	0.00
140.00	3.70	0.86	0.00
145.00	3.70	0.86	0.00
150.00	3.70	0.86	0.00
155.00	3.70	0.86	0.00
160.00	3.70	0.86	0.00
165.00	3.70	0.86	0.00
170.00	3.70	0.86	0.00
175.00	3.70	0.86	0.00
180.00	3.70	0.86	0.00
185.00	3.70	0.86	0.00
190.00	3.70	0.86	0.00
195.00	3.70	0.86	0.00
200.00	3.70	0.86	0.00
205.00	3.70	0.86	0.00
210.00	3.70	0.86	0.00
215.00	3.70	0.86	0.00
220.00	3.70	0.86	0.00
225.00	3.70	0.86	0.00
230.00	3.70	0.86	0.00
235.00	3.70	0.86	0.00
240.00	3.70	0.86	0.00
245.00	3.70	0.86	0.00
250.00	3.70	0.86	0.00
255.00	3.70	0.86	0.00
260.00	3.70	0.86	0.00
265.00	3.70	0.86	0.00
270.00	3.70	0.86	0.00
275.00	3.70	0.86	0.00
280.00	3.70	0.86	0.00
285.00	3.70	0.86	0.00
290.00	3.70	0.86	0.00
295.00	3.70	0.86	0.00
300.00	3.70	0.86	0.00
305.00	3.70	0.86	0.00
310.00	3.70	0.86	0.00
315.00	3.70	0.86	0.00
320.00	3.70	0.86	0.00
325.00	3.70	0.86	0.00
330.00	3.70	0.86	0.00
335.00	3.70	0.86	0.00
340.00	3.70	0.86	0.00
345.00	3.70	0.86	0.00
350.00	3.70	0.86	0.00
355.00	3.70	0.86	0.00
360.00	3.70	0.86	0.00
365.00	3.70	0.86	0.00
370.00	3.70	0.86	0.00
375.00	3.70	0.86	0.00
380.00	3.70	0.86	0.00
385.00	3.70	0.86	0.00
390.00	3.70	0.86	0.00
395.00	3.70	0.86	0.00
400.00	3.70	0.86	0.00
405.00	3.70	0.86	0.00
410.00	3.70	0.86	0.00
415.00	3.70	0.86	0.00
420.00	3.70	0.86	0.00
425.00	3.70	0.86	0.00
430.00	3.70	0.86	0.00
435.00	3.70	0.86	0.00
440.00	3.70	0.86	0.00
445.00	3.70	0.86	0.00
450.00	3.70	0.86	0.00
455.00	3.70	0.86	0.00
460.00	3.70	0.86	0.00
465.00	3.70	0.86	0.00
470.00	3.70	0.86	0.00
475.00	3.70	0.86	0.00
480.00	3.70	0.86	0.00
485.00	3.70	0.86	0.00
490.00	3.70	0.86	0.00
495.00	3.70	0.86	0.00
500.00	3.70	0.86	0.00

Summary for Subcatchment 2: Pre - West

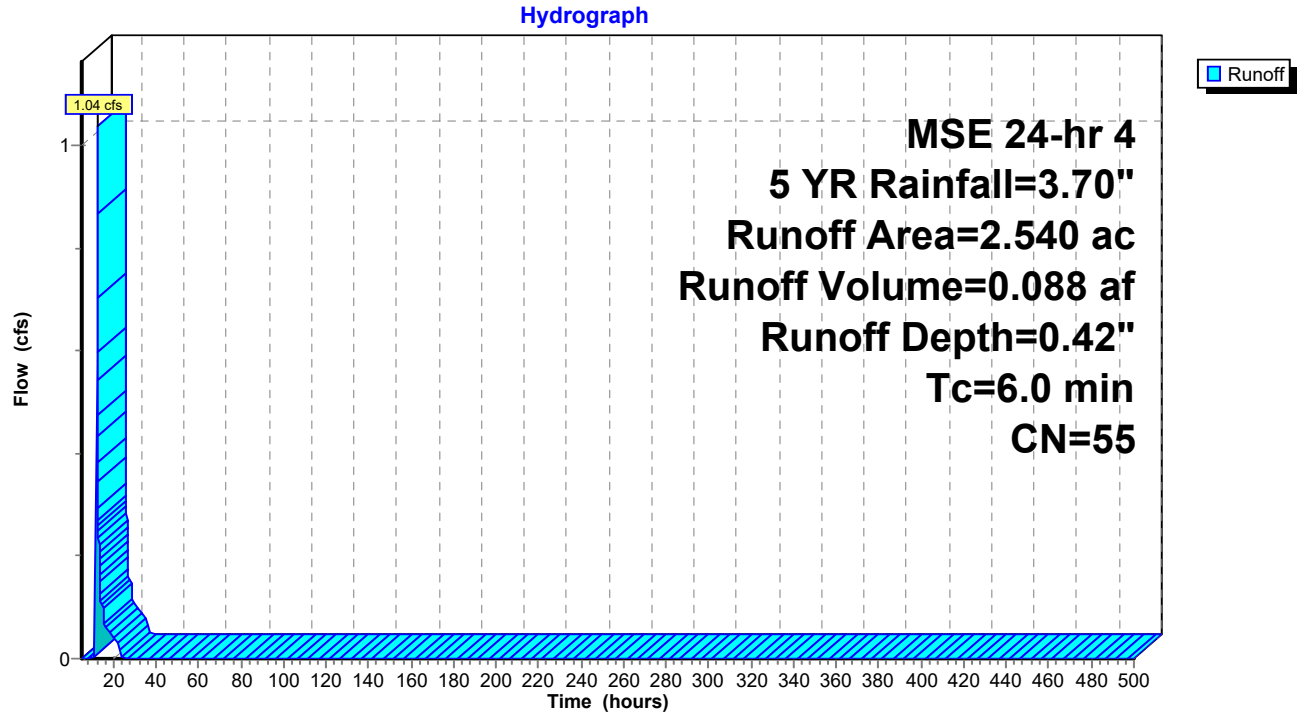
Runoff = 1.04 cfs @ 12.16 hrs, Volume= 0.088 af, Depth= 0.42"
Routed to Link 1L : Total Pre - Development

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 5 YR Rainfall=3.70"

	Area (ac)	CN	Description
*	2.540	55	Pre Dev - B Soils
	2.540		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 2: Pre - West



Hydrograph for Subcatchment 2: Pre - West

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.17	0.00	0.00	260.00	3.70	0.42	0.00
10.00	0.59	0.00	**0.00**	265.00	3.70	0.42	0.00
15.00	3.25	0.27	**0.10**	270.00	3.70	0.42	0.00
20.00	**3.58**	**0.37**	0.04	275.00	3.70	0.42	0.00
25.00	**3.70**	**0.42**	0.00	280.00	3.70	0.42	0.00
30.00	3.70	0.42	0.00	285.00	3.70	0.42	0.00
35.00	3.70	0.42	0.00	290.00	3.70	0.42	0.00
40.00	3.70	0.42	0.00	295.00	3.70	0.42	0.00
45.00	3.70	0.42	0.00	300.00	3.70	0.42	0.00
50.00	3.70	0.42	0.00	305.00	3.70	0.42	0.00
55.00	3.70	0.42	0.00	310.00	3.70	0.42	0.00
60.00	3.70	0.42	0.00	315.00	3.70	0.42	0.00
65.00	3.70	0.42	0.00	320.00	3.70	0.42	0.00
70.00	3.70	0.42	0.00	325.00	3.70	0.42	0.00
75.00	3.70	0.42	0.00	330.00	3.70	0.42	0.00
80.00	3.70	0.42	0.00	335.00	3.70	0.42	0.00
85.00	3.70	0.42	0.00	340.00	3.70	0.42	0.00
90.00	3.70	0.42	0.00	345.00	3.70	0.42	0.00
95.00	3.70	0.42	0.00	350.00	3.70	0.42	0.00
100.00	3.70	0.42	0.00	355.00	3.70	0.42	0.00
105.00	3.70	0.42	0.00	360.00	3.70	0.42	0.00
110.00	3.70	0.42	0.00	365.00	3.70	0.42	0.00
115.00	3.70	0.42	0.00	370.00	3.70	0.42	0.00
120.00	3.70	0.42	0.00	375.00	3.70	0.42	0.00
125.00	3.70	0.42	0.00	380.00	3.70	0.42	0.00
130.00	3.70	0.42	0.00	385.00	3.70	0.42	0.00
135.00	3.70	0.42	0.00	390.00	3.70	0.42	0.00
140.00	3.70	0.42	0.00	395.00	3.70	0.42	0.00
145.00	3.70	0.42	0.00	400.00	3.70	0.42	0.00
150.00	3.70	0.42	0.00	405.00	3.70	0.42	0.00
155.00	3.70	0.42	0.00	410.00	3.70	0.42	0.00
160.00	3.70	0.42	0.00	415.00	3.70	0.42	0.00
165.00	3.70	0.42	0.00	420.00	3.70	0.42	0.00
170.00	3.70	0.42	0.00	425.00	3.70	0.42	0.00
175.00	3.70	0.42	0.00	430.00	3.70	0.42	0.00
180.00	3.70	0.42	0.00	435.00	3.70	0.42	0.00
185.00	3.70	0.42	0.00	440.00	3.70	0.42	0.00
190.00	3.70	0.42	0.00	445.00	3.70	0.42	0.00
195.00	3.70	0.42	0.00	450.00	3.70	0.42	0.00
200.00	3.70	0.42	0.00	455.00	3.70	0.42	0.00
205.00	3.70	0.42	0.00	460.00	3.70	0.42	0.00
210.00	3.70	0.42	0.00	465.00	3.70	0.42	0.00
215.00	3.70	0.42	0.00	470.00	3.70	0.42	0.00
220.00	3.70	0.42	0.00	475.00	3.70	0.42	0.00
225.00	3.70	0.42	0.00	480.00	3.70	0.42	0.00
230.00	3.70	0.42	0.00	485.00	3.70	0.42	0.00
235.00	3.70	0.42	0.00	490.00	3.70	0.42	0.00
240.00	3.70	0.42	0.00	495.00	3.70	0.42	0.00
245.00	3.70	0.42	0.00	500.00	3.70	0.42	0.00
250.00	3.70	0.42	0.00				
255.00	3.70	0.42	0.00				

Summary for Subcatchment 2A: Post 2A - Offsite

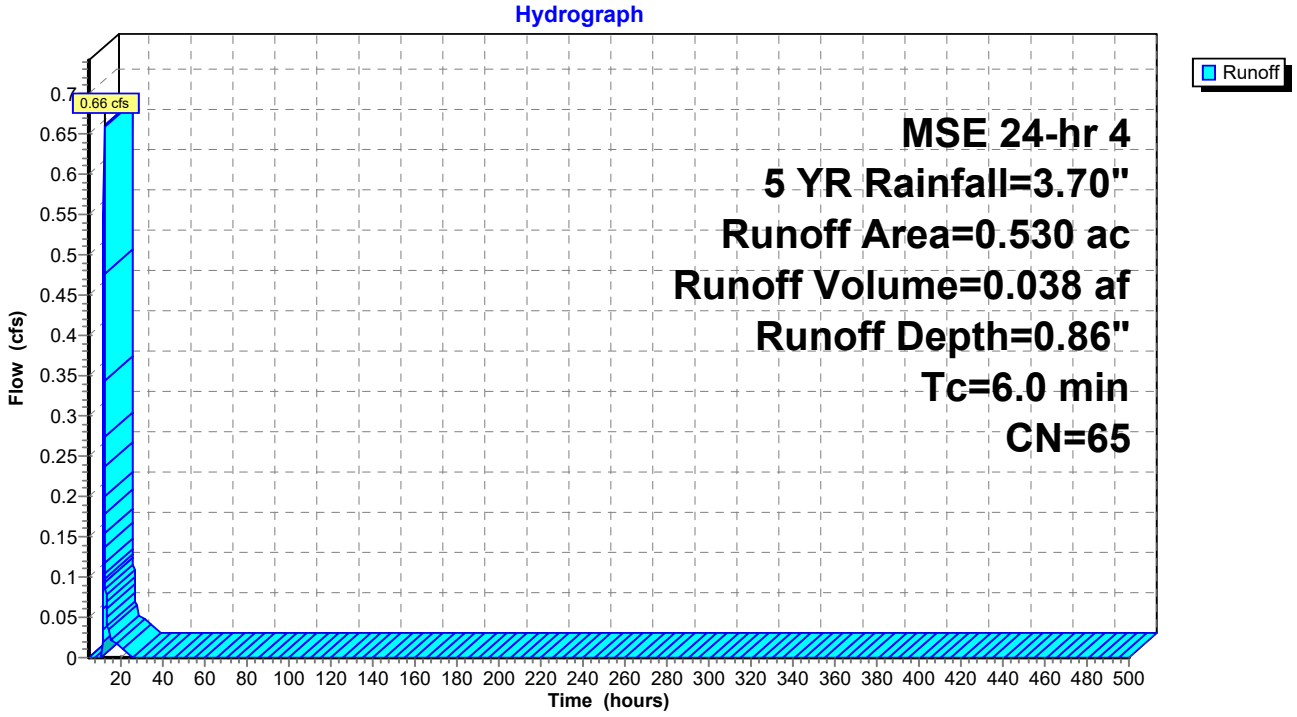
Runoff = 0.66 cfs @ 12.14 hrs, Volume= 0.038 af, Depth= 0.86"
Routed to Link 2L : Total Post - Development

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 5 YR Rainfall=3.70"

	Area (ac)	CN	Description
*	0.060	98	Impervious
*	0.470	61	Post - B Soils
*	0.000	74	Post - C Soils
	0.530	65	Weighted Average
	0.470		88.68% Pervious Area
	0.060		11.32% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 2A: Post 2A - Offsite



Hydrograph for Subcatchment 2A: Post 2A - Offsite

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.17	0.00	0.00	260.00	3.70	0.86	0.00
10.00	0.59	0.00	**0.00**	265.00	3.70	0.86	0.00
15.00	3.25	0.63	**0.03**	270.00	3.70	0.86	0.00
20.00	**3.58**	**0.79**	0.01	275.00	3.70	0.86	0.00
25.00	**3.70**	**0.86**	0.00	280.00	3.70	0.86	0.00
30.00	3.70	0.86	0.00	285.00	3.70	0.86	0.00
35.00	3.70	0.86	0.00	290.00	3.70	0.86	0.00
40.00	3.70	0.86	0.00	295.00	3.70	0.86	0.00
45.00	3.70	0.86	0.00	300.00	3.70	0.86	0.00
50.00	3.70	0.86	0.00	305.00	3.70	0.86	0.00
55.00	3.70	0.86	0.00	310.00	3.70	0.86	0.00
60.00	3.70	0.86	0.00	315.00	3.70	0.86	0.00
65.00	3.70	0.86	0.00	320.00	3.70	0.86	0.00
70.00	3.70	0.86	0.00	325.00	3.70	0.86	0.00
75.00	3.70	0.86	0.00	330.00	3.70	0.86	0.00
80.00	3.70	0.86	0.00	335.00	3.70	0.86	0.00
85.00	3.70	0.86	0.00	340.00	3.70	0.86	0.00
90.00	3.70	0.86	0.00	345.00	3.70	0.86	0.00
95.00	3.70	0.86	0.00	350.00	3.70	0.86	0.00
100.00	3.70	0.86	0.00	355.00	3.70	0.86	0.00
105.00	3.70	0.86	0.00	360.00	3.70	0.86	0.00
110.00	3.70	0.86	0.00	365.00	3.70	0.86	0.00
115.00	3.70	0.86	0.00	370.00	3.70	0.86	0.00
120.00	3.70	0.86	0.00	375.00	3.70	0.86	0.00
125.00	3.70	0.86	0.00	380.00	3.70	0.86	0.00
130.00	3.70	0.86	0.00	385.00	3.70	0.86	0.00
135.00	3.70	0.86	0.00	390.00	3.70	0.86	0.00
140.00	3.70	0.86	0.00	395.00	3.70	0.86	0.00
145.00	3.70	0.86	0.00	400.00	3.70	0.86	0.00
150.00	3.70	0.86	0.00	405.00	3.70	0.86	0.00
155.00	3.70	0.86	0.00	410.00	3.70	0.86	0.00
160.00	3.70	0.86	0.00	415.00	3.70	0.86	0.00
165.00	3.70	0.86	0.00	420.00	3.70	0.86	0.00
170.00	3.70	0.86	0.00	425.00	3.70	0.86	0.00
175.00	3.70	0.86	0.00	430.00	3.70	0.86	0.00
180.00	3.70	0.86	0.00	435.00	3.70	0.86	0.00
185.00	3.70	0.86	0.00	440.00	3.70	0.86	0.00
190.00	3.70	0.86	0.00	445.00	3.70	0.86	0.00
195.00	3.70	0.86	0.00	450.00	3.70	0.86	0.00
200.00	3.70	0.86	0.00	455.00	3.70	0.86	0.00
205.00	3.70	0.86	0.00	460.00	3.70	0.86	0.00
210.00	3.70	0.86	0.00	465.00	3.70	0.86	0.00
215.00	3.70	0.86	0.00	470.00	3.70	0.86	0.00
220.00	3.70	0.86	0.00	475.00	3.70	0.86	0.00
225.00	3.70	0.86	0.00	480.00	3.70	0.86	0.00
230.00	3.70	0.86	0.00	485.00	3.70	0.86	0.00
235.00	3.70	0.86	0.00	490.00	3.70	0.86	0.00
240.00	3.70	0.86	0.00	495.00	3.70	0.86	0.00
245.00	3.70	0.86	0.00	500.00	3.70	0.86	0.00
250.00	3.70	0.86	0.00				
255.00	3.70	0.86	0.00				

Summary for Subcatchment 3: Pre - North

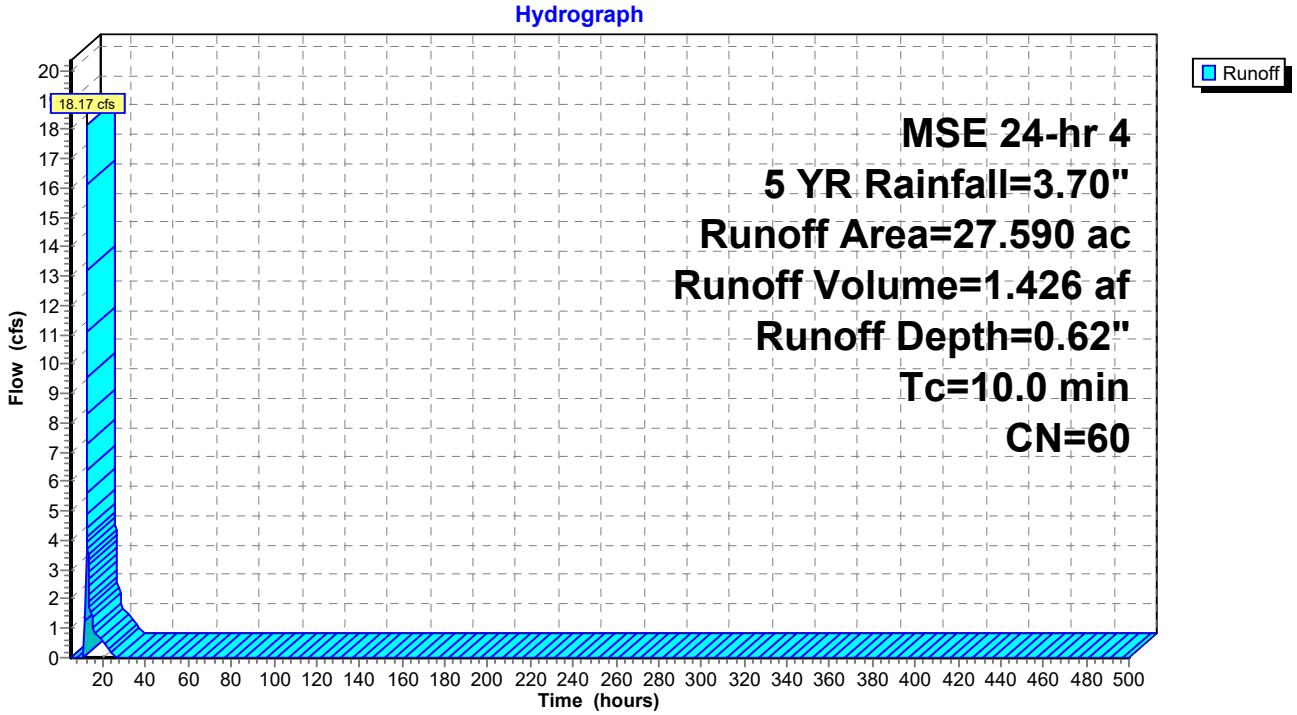
Runoff = 18.17 cfs @ 12.20 hrs, Volume= 1.426 af, Depth= 0.62"
Routed to Link 1L : Total Pre - Development

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 5 YR Rainfall=3.70"

	Area (ac)	CN	Description
*	18.190	55	Pre Dev - B Soils
*	9.400	70	Pre Dev - C Soils
	27.590	60	Weighted Average
	27.590		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					**Direct Entry,**

Subcatchment 3: Pre - North



Hydrograph for Subcatchment 3: Pre - North

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.17	0.00	0.00	260.00	3.70	0.62	0.00
10.00	0.59	0.00	**0.00**	265.00	3.70	0.62	0.00
15.00	3.25	0.43	**1.45**	270.00	3.70	0.62	0.00
20.00	**3.58**	**0.57**	0.58	275.00	3.70	0.62	0.00
25.00	**3.70**	**0.62**	0.00	280.00	3.70	0.62	0.00
30.00	3.70	0.62	0.00	285.00	3.70	0.62	0.00
35.00	3.70	0.62	0.00	290.00	3.70	0.62	0.00
40.00	3.70	0.62	0.00	295.00	3.70	0.62	0.00
45.00	3.70	0.62	0.00	300.00	3.70	0.62	0.00
50.00	3.70	0.62	0.00	305.00	3.70	0.62	0.00
55.00	3.70	0.62	0.00	310.00	3.70	0.62	0.00
60.00	3.70	0.62	0.00	315.00	3.70	0.62	0.00
65.00	3.70	0.62	0.00	320.00	3.70	0.62	0.00
70.00	3.70	0.62	0.00	325.00	3.70	0.62	0.00
75.00	3.70	0.62	0.00	330.00	3.70	0.62	0.00
80.00	3.70	0.62	0.00	335.00	3.70	0.62	0.00
85.00	3.70	0.62	0.00	340.00	3.70	0.62	0.00
90.00	3.70	0.62	0.00	345.00	3.70	0.62	0.00
95.00	3.70	0.62	0.00	350.00	3.70	0.62	0.00
100.00	3.70	0.62	0.00	355.00	3.70	0.62	0.00
105.00	3.70	0.62	0.00	360.00	3.70	0.62	0.00
110.00	3.70	0.62	0.00	365.00	3.70	0.62	0.00
115.00	3.70	0.62	0.00	370.00	3.70	0.62	0.00
120.00	3.70	0.62	0.00	375.00	3.70	0.62	0.00
125.00	3.70	0.62	0.00	380.00	3.70	0.62	0.00
130.00	3.70	0.62	0.00	385.00	3.70	0.62	0.00
135.00	3.70	0.62	0.00	390.00	3.70	0.62	0.00
140.00	3.70	0.62	0.00	395.00	3.70	0.62	0.00
145.00	3.70	0.62	0.00	400.00	3.70	0.62	0.00
150.00	3.70	0.62	0.00	405.00	3.70	0.62	0.00
155.00	3.70	0.62	0.00	410.00	3.70	0.62	0.00
160.00	3.70	0.62	0.00	415.00	3.70	0.62	0.00
165.00	3.70	0.62	0.00	420.00	3.70	0.62	0.00
170.00	3.70	0.62	0.00	425.00	3.70	0.62	0.00
175.00	3.70	0.62	0.00	430.00	3.70	0.62	0.00
180.00	3.70	0.62	0.00	435.00	3.70	0.62	0.00
185.00	3.70	0.62	0.00	440.00	3.70	0.62	0.00
190.00	3.70	0.62	0.00	445.00	3.70	0.62	0.00
195.00	3.70	0.62	0.00	450.00	3.70	0.62	0.00
200.00	3.70	0.62	0.00	455.00	3.70	0.62	0.00
205.00	3.70	0.62	0.00	460.00	3.70	0.62	0.00
210.00	3.70	0.62	0.00	465.00	3.70	0.62	0.00
215.00	3.70	0.62	0.00	470.00	3.70	0.62	0.00
220.00	3.70	0.62	0.00	475.00	3.70	0.62	0.00
225.00	3.70	0.62	0.00	480.00	3.70	0.62	0.00
230.00	3.70	0.62	0.00	485.00	3.70	0.62	0.00
235.00	3.70	0.62	0.00	490.00	3.70	0.62	0.00
240.00	3.70	0.62	0.00	495.00	3.70	0.62	0.00
245.00	3.70	0.62	0.00	500.00	3.70	0.62	0.00
250.00	3.70	0.62	0.00				
255.00	3.70	0.62	0.00				

Summary for Subcatchment 3A: Post 3A

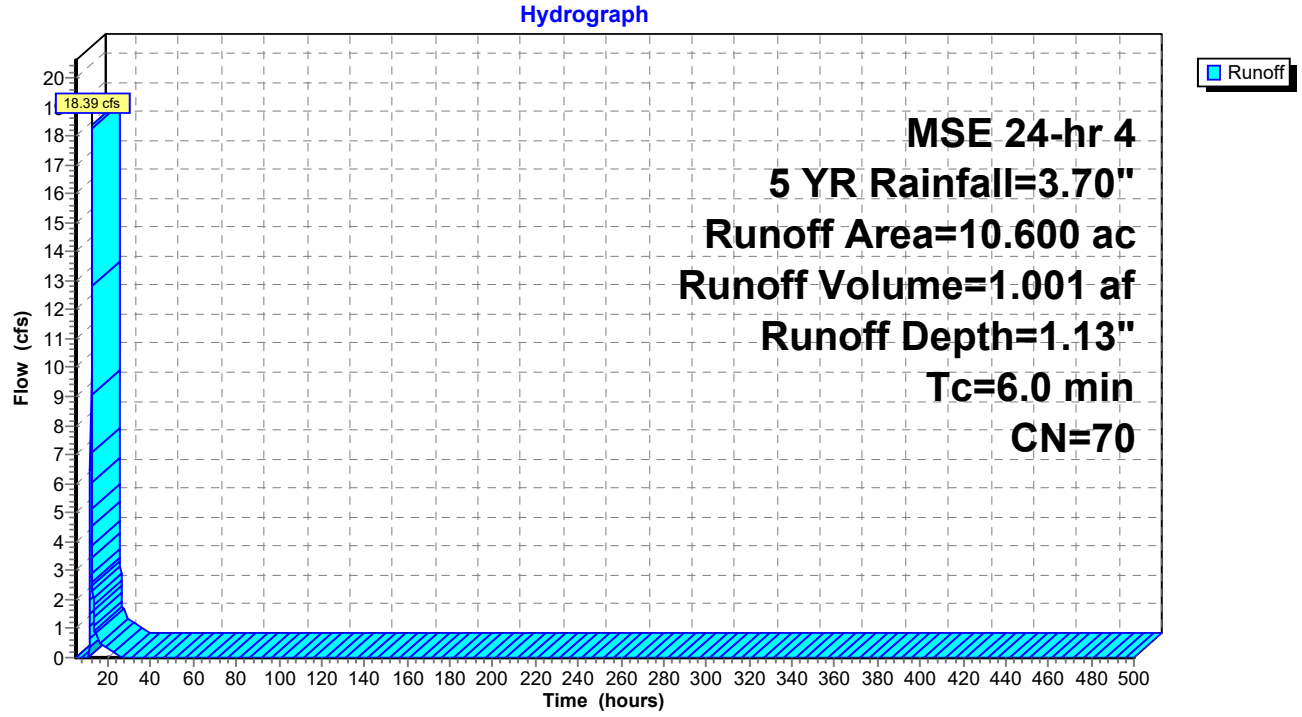
Runoff = 18.39 cfs @ 12.14 hrs, Volume= 1.001 af, Depth= 1.13"
Routed to Pond P3A : Pond 3A

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 5 YR Rainfall=3.70"

	Area (ac)	CN	Description
*	1.970	98	Impervious
*	6.570	61	Post - B Soils
*	2.060	74	Post - C Soils
	10.600	70	Weighted Average
	8.630		81.42% Pervious Area
	1.970		18.58% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3A: Post 3A



Hydrograph for Subcatchment 3A: Post 3A

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.17	0.00	0.00
10.00	0.59	0.00	**0.00**
15.00	3.25	0.86	**0.82**
20.00	**3.58**	**1.06**	0.31
25.00	**3.70**	**1.13**	0.00
30.00	3.70	1.13	0.00
35.00	3.70	1.13	0.00
40.00	3.70	1.13	0.00
45.00	3.70	1.13	0.00
50.00	3.70	1.13	0.00
55.00	3.70	1.13	0.00
60.00	3.70	1.13	0.00
65.00	3.70	1.13	0.00
70.00	3.70	1.13	0.00
75.00	3.70	1.13	0.00
80.00	3.70	1.13	0.00
85.00	3.70	1.13	0.00
90.00	3.70	1.13	0.00
95.00	3.70	1.13	0.00
100.00	3.70	1.13	0.00
105.00	3.70	1.13	0.00
110.00	3.70	1.13	0.00
115.00	3.70	1.13	0.00
120.00	3.70	1.13	0.00
125.00	3.70	1.13	0.00
130.00	3.70	1.13	0.00
135.00	3.70	1.13	0.00
140.00	3.70	1.13	0.00
145.00	3.70	1.13	0.00
150.00	3.70	1.13	0.00
155.00	3.70	1.13	0.00
160.00	3.70	1.13	0.00
165.00	3.70	1.13	0.00
170.00	3.70	1.13	0.00
175.00	3.70	1.13	0.00
180.00	3.70	1.13	0.00
185.00	3.70	1.13	0.00
190.00	3.70	1.13	0.00
195.00	3.70	1.13	0.00
200.00	3.70	1.13	0.00
205.00	3.70	1.13	0.00
210.00	3.70	1.13	0.00
215.00	3.70	1.13	0.00
220.00	3.70	1.13	0.00
225.00	3.70	1.13	0.00
230.00	3.70	1.13	0.00
235.00	3.70	1.13	0.00
240.00	3.70	1.13	0.00
245.00	3.70	1.13	0.00
250.00	3.70	1.13	0.00
255.00	3.70	1.13	0.00
260.00	3.70	1.13	0.00
265.00	3.70	1.13	0.00
270.00	3.70	1.13	0.00
275.00	3.70	1.13	0.00
280.00	3.70	1.13	0.00
285.00	3.70	1.13	0.00
290.00	3.70	1.13	0.00
295.00	3.70	1.13	0.00
300.00	3.70	1.13	0.00
305.00	3.70	1.13	0.00
310.00	3.70	1.13	0.00
315.00	3.70	1.13	0.00
320.00	3.70	1.13	0.00
325.00	3.70	1.13	0.00
330.00	3.70	1.13	0.00
335.00	3.70	1.13	0.00
340.00	3.70	1.13	0.00
345.00	3.70	1.13	0.00
350.00	3.70	1.13	0.00
355.00	3.70	1.13	0.00
360.00	3.70	1.13	0.00
365.00	3.70	1.13	0.00
370.00	3.70	1.13	0.00
375.00	3.70	1.13	0.00
380.00	3.70	1.13	0.00
385.00	3.70	1.13	0.00
390.00	3.70	1.13	0.00
395.00	3.70	1.13	0.00
400.00	3.70	1.13	0.00
405.00	3.70	1.13	0.00
410.00	3.70	1.13	0.00
415.00	3.70	1.13	0.00
420.00	3.70	1.13	0.00
425.00	3.70	1.13	0.00
430.00	3.70	1.13	0.00
435.00	3.70	1.13	0.00
440.00	3.70	1.13	0.00
445.00	3.70	1.13	0.00
450.00	3.70	1.13	0.00
455.00	3.70	1.13	0.00
460.00	3.70	1.13	0.00
465.00	3.70	1.13	0.00
470.00	3.70	1.13	0.00
475.00	3.70	1.13	0.00
480.00	3.70	1.13	0.00
485.00	3.70	1.13	0.00
490.00	3.70	1.13	0.00
495.00	3.70	1.13	0.00
500.00	3.70	1.13	0.00

Summary for Subcatchment 3B: Post 3B

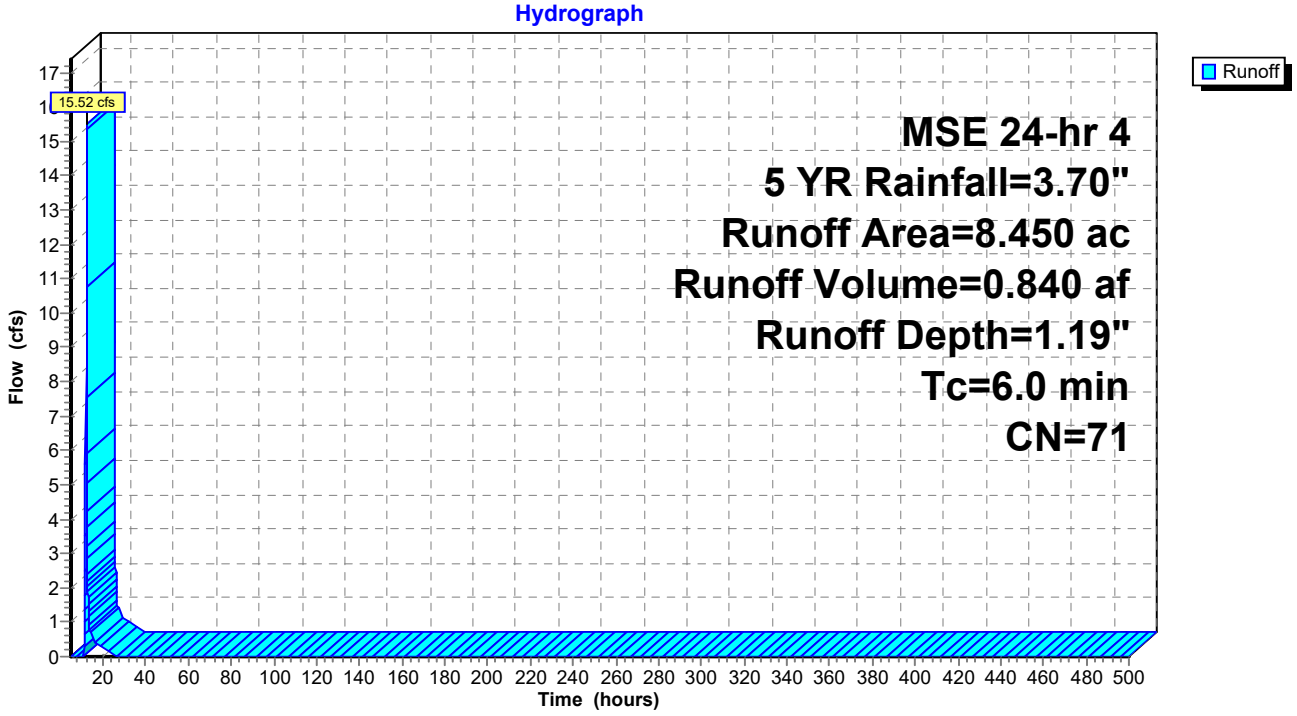
Runoff = 15.52 cfs @ 12.14 hrs, Volume= 0.840 af, Depth= 1.19"
Routed to Pond P3B : Pond 3B

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 5 YR Rainfall=3.70"

	Area (ac)	CN	Description
*	1.680	98	Impervious
*	5.290	61	Post - B Soils
*	1.480	74	Post - C Soils
	8.450	71	Weighted Average
	6.770		80.12% Pervious Area
	1.680		19.88% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3B: Post 3B



Hydrograph for Subcatchment 3B: Post 3B

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.17	0.00	0.00	260.00	3.70	1.19	0.00
10.00	0.59	0.00	**0.00**	265.00	3.70	1.19	0.00
15.00	3.25	0.91	**0.68**	270.00	3.70	1.19	0.00
20.00	**3.58**	**1.11**	0.26	275.00	3.70	1.19	0.00
25.00	**3.70**	**1.19**	0.00	280.00	3.70	1.19	0.00
30.00	3.70	1.19	0.00	285.00	3.70	1.19	0.00
35.00	3.70	1.19	0.00	290.00	3.70	1.19	0.00
40.00	3.70	1.19	0.00	295.00	3.70	1.19	0.00
45.00	3.70	1.19	0.00	300.00	3.70	1.19	0.00
50.00	3.70	1.19	0.00	305.00	3.70	1.19	0.00
55.00	3.70	1.19	0.00	310.00	3.70	1.19	0.00
60.00	3.70	1.19	0.00	315.00	3.70	1.19	0.00
65.00	3.70	1.19	0.00	320.00	3.70	1.19	0.00
70.00	3.70	1.19	0.00	325.00	3.70	1.19	0.00
75.00	3.70	1.19	0.00	330.00	3.70	1.19	0.00
80.00	3.70	1.19	0.00	335.00	3.70	1.19	0.00
85.00	3.70	1.19	0.00	340.00	3.70	1.19	0.00
90.00	3.70	1.19	0.00	345.00	3.70	1.19	0.00
95.00	3.70	1.19	0.00	350.00	3.70	1.19	0.00
100.00	3.70	1.19	0.00	355.00	3.70	1.19	0.00
105.00	3.70	1.19	0.00	360.00	3.70	1.19	0.00
110.00	3.70	1.19	0.00	365.00	3.70	1.19	0.00
115.00	3.70	1.19	0.00	370.00	3.70	1.19	0.00
120.00	3.70	1.19	0.00	375.00	3.70	1.19	0.00
125.00	3.70	1.19	0.00	380.00	3.70	1.19	0.00
130.00	3.70	1.19	0.00	385.00	3.70	1.19	0.00
135.00	3.70	1.19	0.00	390.00	3.70	1.19	0.00
140.00	3.70	1.19	0.00	395.00	3.70	1.19	0.00
145.00	3.70	1.19	0.00	400.00	3.70	1.19	0.00
150.00	3.70	1.19	0.00	405.00	3.70	1.19	0.00
155.00	3.70	1.19	0.00	410.00	3.70	1.19	0.00
160.00	3.70	1.19	0.00	415.00	3.70	1.19	0.00
165.00	3.70	1.19	0.00	420.00	3.70	1.19	0.00
170.00	3.70	1.19	0.00	425.00	3.70	1.19	0.00
175.00	3.70	1.19	0.00	430.00	3.70	1.19	0.00
180.00	3.70	1.19	0.00	435.00	3.70	1.19	0.00
185.00	3.70	1.19	0.00	440.00	3.70	1.19	0.00
190.00	3.70	1.19	0.00	445.00	3.70	1.19	0.00
195.00	3.70	1.19	0.00	450.00	3.70	1.19	0.00
200.00	3.70	1.19	0.00	455.00	3.70	1.19	0.00
205.00	3.70	1.19	0.00	460.00	3.70	1.19	0.00
210.00	3.70	1.19	0.00	465.00	3.70	1.19	0.00
215.00	3.70	1.19	0.00	470.00	3.70	1.19	0.00
220.00	3.70	1.19	0.00	475.00	3.70	1.19	0.00
225.00	3.70	1.19	0.00	480.00	3.70	1.19	0.00
230.00	3.70	1.19	0.00	485.00	3.70	1.19	0.00
235.00	3.70	1.19	0.00	490.00	3.70	1.19	0.00
240.00	3.70	1.19	0.00	495.00	3.70	1.19	0.00
245.00	3.70	1.19	0.00	500.00	3.70	1.19	0.00
250.00	3.70	1.19	0.00				
255.00	3.70	1.19	0.00				

Summary for Subcatchment 3C: Post 3C

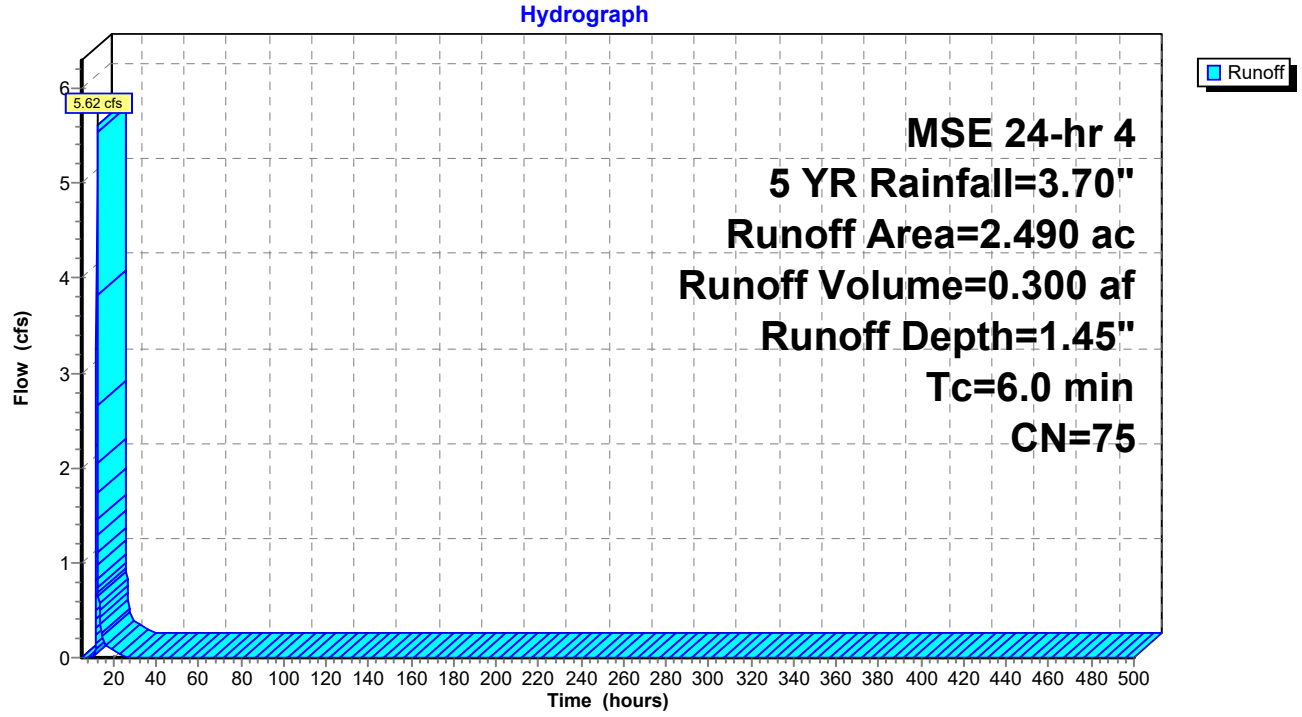
Runoff = 5.62 cfs @ 12.14 hrs, Volume= 0.300 af, Depth= 1.45"
Routed to Pond P3C : Pond 3C

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 5 YR Rainfall=3.70"

	Area (ac)	CN	Description
*	0.570	98	Impervious
*	0.800	61	Post - B Soils
*	1.120	74	Post - C Soils
	2.490	75	Weighted Average
	1.920		77.11% Pervious Area
	0.570		22.89% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3C: Post 3C



Hydrograph for Subcatchment 3C: Post 3C

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.17	0.00	0.00
10.00	0.59	0.00	**0.00**
15.00	3.25	1.13	**0.22**
20.00	**3.58**	**1.36**	0.08
25.00	**3.70**	**1.45**	0.00
30.00	3.70	1.45	0.00
35.00	3.70	1.45	0.00
40.00	3.70	1.45	0.00
45.00	3.70	1.45	0.00
50.00	3.70	1.45	0.00
55.00	3.70	1.45	0.00
60.00	3.70	1.45	0.00
65.00	3.70	1.45	0.00
70.00	3.70	1.45	0.00
75.00	3.70	1.45	0.00
80.00	3.70	1.45	0.00
85.00	3.70	1.45	0.00
90.00	3.70	1.45	0.00
95.00	3.70	1.45	0.00
100.00	3.70	1.45	0.00
105.00	3.70	1.45	0.00
110.00	3.70	1.45	0.00
115.00	3.70	1.45	0.00
120.00	3.70	1.45	0.00
125.00	3.70	1.45	0.00
130.00	3.70	1.45	0.00
135.00	3.70	1.45	0.00
140.00	3.70	1.45	0.00
145.00	3.70	1.45	0.00
150.00	3.70	1.45	0.00
155.00	3.70	1.45	0.00
160.00	3.70	1.45	0.00
165.00	3.70	1.45	0.00
170.00	3.70	1.45	0.00
175.00	3.70	1.45	0.00
180.00	3.70	1.45	0.00
185.00	3.70	1.45	0.00
190.00	3.70	1.45	0.00
195.00	3.70	1.45	0.00
200.00	3.70	1.45	0.00
205.00	3.70	1.45	0.00
210.00	3.70	1.45	0.00
215.00	3.70	1.45	0.00
220.00	3.70	1.45	0.00
225.00	3.70	1.45	0.00
230.00	3.70	1.45	0.00
235.00	3.70	1.45	0.00
240.00	3.70	1.45	0.00
245.00	3.70	1.45	0.00
250.00	3.70	1.45	0.00
255.00	3.70	1.45	0.00
260.00	3.70	1.45	0.00
265.00	3.70	1.45	0.00
270.00	3.70	1.45	0.00
275.00	3.70	1.45	0.00
280.00	3.70	1.45	0.00
285.00	3.70	1.45	0.00
290.00	3.70	1.45	0.00
295.00	3.70	1.45	0.00
300.00	3.70	1.45	0.00
305.00	3.70	1.45	0.00
310.00	3.70	1.45	0.00
315.00	3.70	1.45	0.00
320.00	3.70	1.45	0.00
325.00	3.70	1.45	0.00
330.00	3.70	1.45	0.00
335.00	3.70	1.45	0.00
340.00	3.70	1.45	0.00
345.00	3.70	1.45	0.00
350.00	3.70	1.45	0.00
355.00	3.70	1.45	0.00
360.00	3.70	1.45	0.00
365.00	3.70	1.45	0.00
370.00	3.70	1.45	0.00
375.00	3.70	1.45	0.00
380.00	3.70	1.45	0.00
385.00	3.70	1.45	0.00
390.00	3.70	1.45	0.00
395.00	3.70	1.45	0.00
400.00	3.70	1.45	0.00
405.00	3.70	1.45	0.00
410.00	3.70	1.45	0.00
415.00	3.70	1.45	0.00
420.00	3.70	1.45	0.00
425.00	3.70	1.45	0.00
430.00	3.70	1.45	0.00
435.00	3.70	1.45	0.00
440.00	3.70	1.45	0.00
445.00	3.70	1.45	0.00
450.00	3.70	1.45	0.00
455.00	3.70	1.45	0.00
460.00	3.70	1.45	0.00
465.00	3.70	1.45	0.00
470.00	3.70	1.45	0.00
475.00	3.70	1.45	0.00
480.00	3.70	1.45	0.00
485.00	3.70	1.45	0.00
490.00	3.70	1.45	0.00
495.00	3.70	1.45	0.00
500.00	3.70	1.45	0.00

Summary for Subcatchment 3D: Post 3D

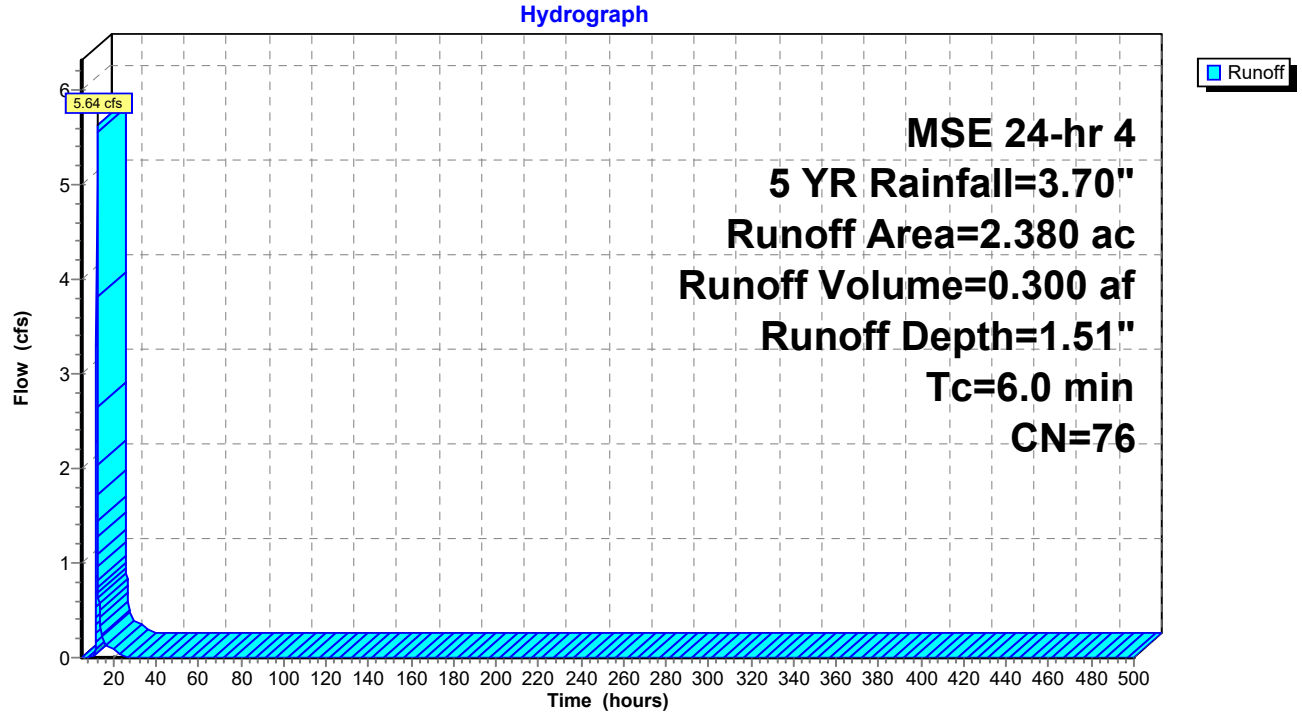
Runoff = 5.64 cfs @ 12.14 hrs, Volume= 0.300 af, Depth= 1.51"
Routed to Pond P3D : Pond 3D

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 5 YR Rainfall=3.70"

	Area (ac)	CN	Description
*	0.570	98	Impervious
*	0.610	61	Post - B Soils
*	1.200	74	Post - C Soils
	2.380	76	Weighted Average
	1.810		76.05% Pervious Area
	0.570		23.95% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3D: Post 3D



Hydrograph for Subcatchment 3D: Post 3D

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.17	0.00	0.00
10.00	0.59	0.00	**0.00**
15.00	3.25	1.19	**0.22**
20.00	**3.58**	**1.42**	0.08
25.00	**3.70**	**1.51**	0.00
30.00	3.70	1.51	0.00
35.00	3.70	1.51	0.00
40.00	3.70	1.51	0.00
45.00	3.70	1.51	0.00
50.00	3.70	1.51	0.00
55.00	3.70	1.51	0.00
60.00	3.70	1.51	0.00
65.00	3.70	1.51	0.00
70.00	3.70	1.51	0.00
75.00	3.70	1.51	0.00
80.00	3.70	1.51	0.00
85.00	3.70	1.51	0.00
90.00	3.70	1.51	0.00
95.00	3.70	1.51	0.00
100.00	3.70	1.51	0.00
105.00	3.70	1.51	0.00
110.00	3.70	1.51	0.00
115.00	3.70	1.51	0.00
120.00	3.70	1.51	0.00
125.00	3.70	1.51	0.00
130.00	3.70	1.51	0.00
135.00	3.70	1.51	0.00
140.00	3.70	1.51	0.00
145.00	3.70	1.51	0.00
150.00	3.70	1.51	0.00
155.00	3.70	1.51	0.00
160.00	3.70	1.51	0.00
165.00	3.70	1.51	0.00
170.00	3.70	1.51	0.00
175.00	3.70	1.51	0.00
180.00	3.70	1.51	0.00
185.00	3.70	1.51	0.00
190.00	3.70	1.51	0.00
195.00	3.70	1.51	0.00
200.00	3.70	1.51	0.00
205.00	3.70	1.51	0.00
210.00	3.70	1.51	0.00
215.00	3.70	1.51	0.00
220.00	3.70	1.51	0.00
225.00	3.70	1.51	0.00
230.00	3.70	1.51	0.00
235.00	3.70	1.51	0.00
240.00	3.70	1.51	0.00
245.00	3.70	1.51	0.00
250.00	3.70	1.51	0.00
255.00	3.70	1.51	0.00
260.00	3.70	1.51	0.00
265.00	3.70	1.51	0.00
270.00	3.70	1.51	0.00
275.00	3.70	1.51	0.00
280.00	3.70	1.51	0.00
285.00	3.70	1.51	0.00
290.00	3.70	1.51	0.00
295.00	3.70	1.51	0.00
300.00	3.70	1.51	0.00
305.00	3.70	1.51	0.00
310.00	3.70	1.51	0.00
315.00	3.70	1.51	0.00
320.00	3.70	1.51	0.00
325.00	3.70	1.51	0.00
330.00	3.70	1.51	0.00
335.00	3.70	1.51	0.00
340.00	3.70	1.51	0.00
345.00	3.70	1.51	0.00
350.00	3.70	1.51	0.00
355.00	3.70	1.51	0.00
360.00	3.70	1.51	0.00
365.00	3.70	1.51	0.00
370.00	3.70	1.51	0.00
375.00	3.70	1.51	0.00
380.00	3.70	1.51	0.00
385.00	3.70	1.51	0.00
390.00	3.70	1.51	0.00
395.00	3.70	1.51	0.00
400.00	3.70	1.51	0.00
405.00	3.70	1.51	0.00
410.00	3.70	1.51	0.00
415.00	3.70	1.51	0.00
420.00	3.70	1.51	0.00
425.00	3.70	1.51	0.00
430.00	3.70	1.51	0.00
435.00	3.70	1.51	0.00
440.00	3.70	1.51	0.00
445.00	3.70	1.51	0.00
450.00	3.70	1.51	0.00
455.00	3.70	1.51	0.00
460.00	3.70	1.51	0.00
465.00	3.70	1.51	0.00
470.00	3.70	1.51	0.00
475.00	3.70	1.51	0.00
480.00	3.70	1.51	0.00
485.00	3.70	1.51	0.00
490.00	3.70	1.51	0.00
495.00	3.70	1.51	0.00
500.00	3.70	1.51	0.00

Summary for Subcatchment 3E: Post 3E

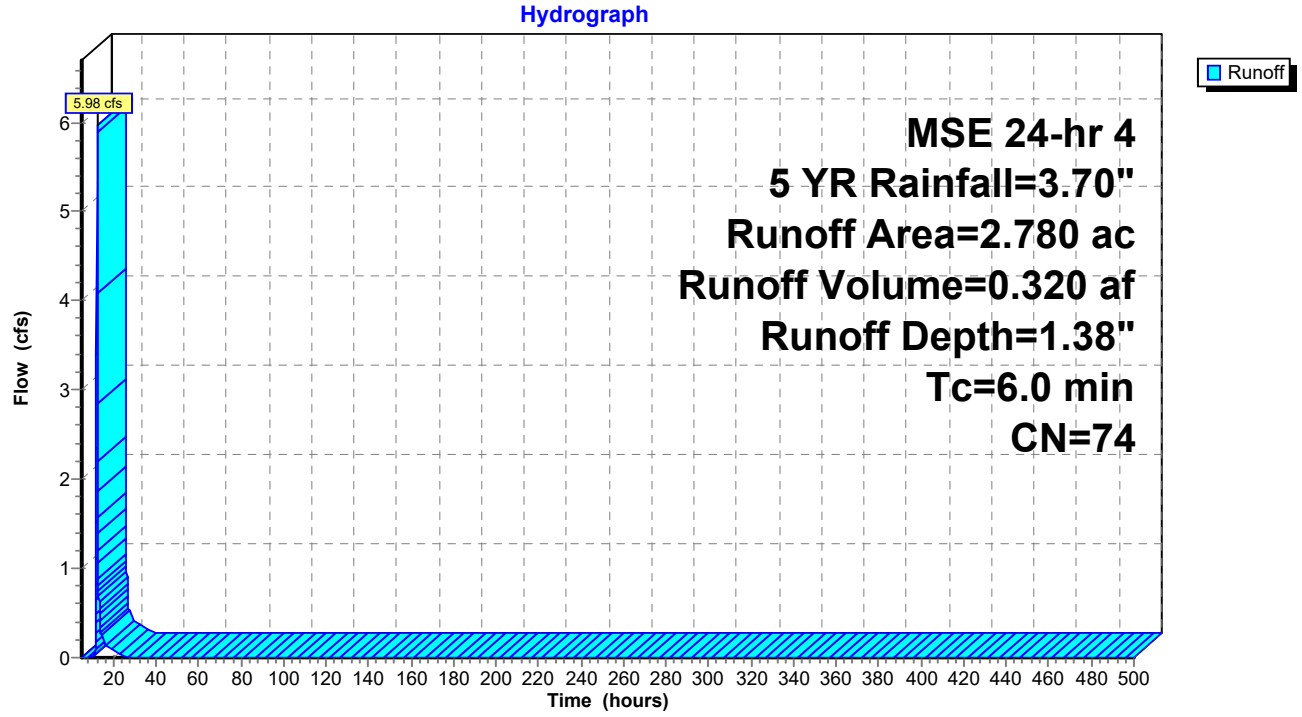
Runoff = 5.98 cfs @ 12.14 hrs, Volume= 0.320 af, Depth= 1.38"
Routed to Pond P3E : Pond 3E

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 5 YR Rainfall=3.70"

	Area (ac)	CN	Description
*	0.530	98	Impervious
*	0.920	61	Post - B Soils
*	1.330	74	Post - C Soils
	2.780	74	Weighted Average
	2.250		80.94% Pervious Area
	0.530		19.06% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3E: Post 3E



Hydrograph for Subcatchment 3E: Post 3E

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.17	0.00	0.00	260.00	3.70	1.38	0.00
10.00	0.59	0.00	**0.00**	265.00	3.70	1.38	0.00
15.00	3.25	1.07	**0.24**	270.00	3.70	1.38	0.00
20.00	**3.58**	**1.30**	0.09	275.00	3.70	1.38	0.00
25.00	**3.70**	**1.38**	0.00	280.00	3.70	1.38	0.00
30.00	3.70	1.38	0.00	285.00	3.70	1.38	0.00
35.00	3.70	1.38	0.00	290.00	3.70	1.38	0.00
40.00	3.70	1.38	0.00	295.00	3.70	1.38	0.00
45.00	3.70	1.38	0.00	300.00	3.70	1.38	0.00
50.00	3.70	1.38	0.00	305.00	3.70	1.38	0.00
55.00	3.70	1.38	0.00	310.00	3.70	1.38	0.00
60.00	3.70	1.38	0.00	315.00	3.70	1.38	0.00
65.00	3.70	1.38	0.00	320.00	3.70	1.38	0.00
70.00	3.70	1.38	0.00	325.00	3.70	1.38	0.00
75.00	3.70	1.38	0.00	330.00	3.70	1.38	0.00
80.00	3.70	1.38	0.00	335.00	3.70	1.38	0.00
85.00	3.70	1.38	0.00	340.00	3.70	1.38	0.00
90.00	3.70	1.38	0.00	345.00	3.70	1.38	0.00
95.00	3.70	1.38	0.00	350.00	3.70	1.38	0.00
100.00	3.70	1.38	0.00	355.00	3.70	1.38	0.00
105.00	3.70	1.38	0.00	360.00	3.70	1.38	0.00
110.00	3.70	1.38	0.00	365.00	3.70	1.38	0.00
115.00	3.70	1.38	0.00	370.00	3.70	1.38	0.00
120.00	3.70	1.38	0.00	375.00	3.70	1.38	0.00
125.00	3.70	1.38	0.00	380.00	3.70	1.38	0.00
130.00	3.70	1.38	0.00	385.00	3.70	1.38	0.00
135.00	3.70	1.38	0.00	390.00	3.70	1.38	0.00
140.00	3.70	1.38	0.00	395.00	3.70	1.38	0.00
145.00	3.70	1.38	0.00	400.00	3.70	1.38	0.00
150.00	3.70	1.38	0.00	405.00	3.70	1.38	0.00
155.00	3.70	1.38	0.00	410.00	3.70	1.38	0.00
160.00	3.70	1.38	0.00	415.00	3.70	1.38	0.00
165.00	3.70	1.38	0.00	420.00	3.70	1.38	0.00
170.00	3.70	1.38	0.00	425.00	3.70	1.38	0.00
175.00	3.70	1.38	0.00	430.00	3.70	1.38	0.00
180.00	3.70	1.38	0.00	435.00	3.70	1.38	0.00
185.00	3.70	1.38	0.00	440.00	3.70	1.38	0.00
190.00	3.70	1.38	0.00	445.00	3.70	1.38	0.00
195.00	3.70	1.38	0.00	450.00	3.70	1.38	0.00
200.00	3.70	1.38	0.00	455.00	3.70	1.38	0.00
205.00	3.70	1.38	0.00	460.00	3.70	1.38	0.00
210.00	3.70	1.38	0.00	465.00	3.70	1.38	0.00
215.00	3.70	1.38	0.00	470.00	3.70	1.38	0.00
220.00	3.70	1.38	0.00	475.00	3.70	1.38	0.00
225.00	3.70	1.38	0.00	480.00	3.70	1.38	0.00
230.00	3.70	1.38	0.00	485.00	3.70	1.38	0.00
235.00	3.70	1.38	0.00	490.00	3.70	1.38	0.00
240.00	3.70	1.38	0.00	495.00	3.70	1.38	0.00
245.00	3.70	1.38	0.00	500.00	3.70	1.38	0.00
250.00	3.70	1.38	0.00				
255.00	3.70	1.38	0.00				

Summary for Subcatchment 3Y: Post 3Y - Offsite

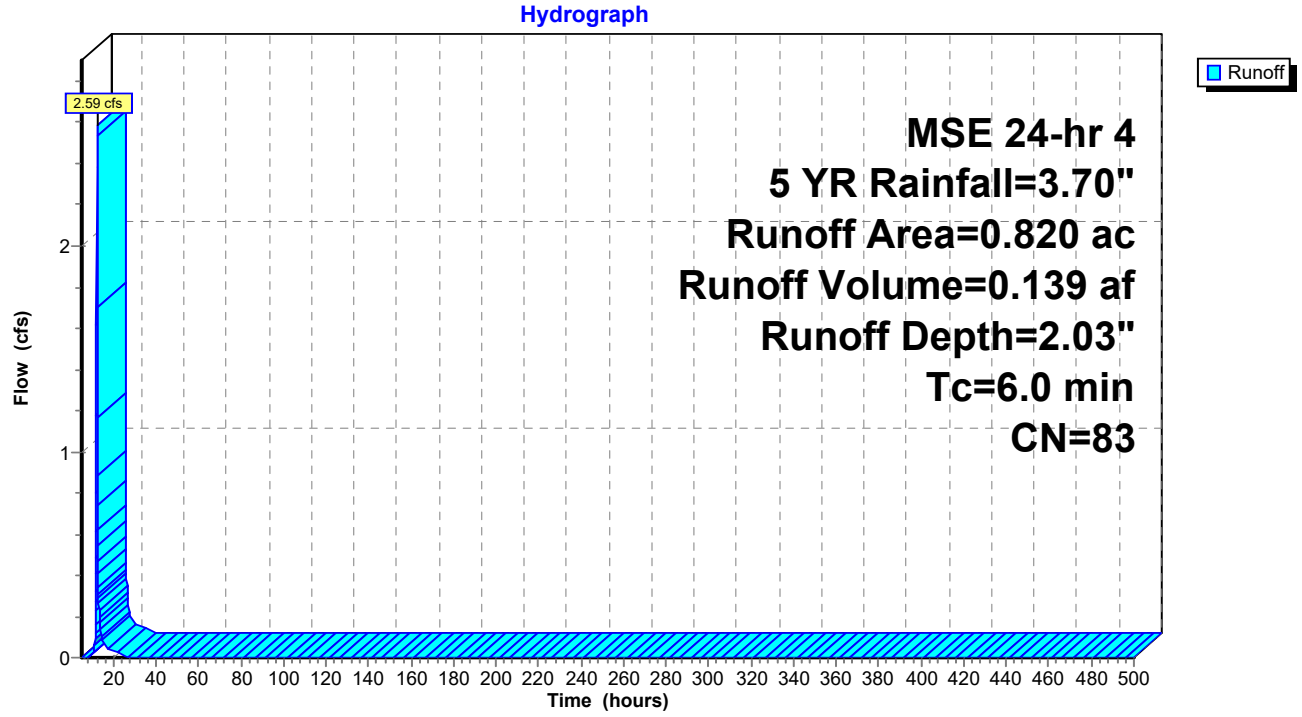
Runoff = 2.59 cfs @ 12.13 hrs, Volume= 0.139 af, Depth= 2.03"
Routed to Link 4L : Post - North

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 5 YR Rainfall=3.70"

	Area (ac)	CN	Description
*	0.300	98	Impervious
*	0.000	61	Post - B Soils
*	0.520	74	Post - C Soils
	0.820	83	Weighted Average
	0.520		63.41% Pervious Area
	0.300		36.59% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3Y: Post 3Y - Offsite



Hydrograph for Subcatchment 3Y: Post 3Y - Offsite

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.17	0.00	0.00
10.00	0.59	0.01	**0.02**
15.00	3.25	1.65	**0.09**
20.00	**3.58**	**1.93**	0.03
25.00	**3.70**	**2.03**	0.00
30.00	3.70	2.03	0.00
35.00	3.70	2.03	0.00
40.00	3.70	2.03	0.00
45.00	3.70	2.03	0.00
50.00	3.70	2.03	0.00
55.00	3.70	2.03	0.00
60.00	3.70	2.03	0.00
65.00	3.70	2.03	0.00
70.00	3.70	2.03	0.00
75.00	3.70	2.03	0.00
80.00	3.70	2.03	0.00
85.00	3.70	2.03	0.00
90.00	3.70	2.03	0.00
95.00	3.70	2.03	0.00
100.00	3.70	2.03	0.00
105.00	3.70	2.03	0.00
110.00	3.70	2.03	0.00
115.00	3.70	2.03	0.00
120.00	3.70	2.03	0.00
125.00	3.70	2.03	0.00
130.00	3.70	2.03	0.00
135.00	3.70	2.03	0.00
140.00	3.70	2.03	0.00
145.00	3.70	2.03	0.00
150.00	3.70	2.03	0.00
155.00	3.70	2.03	0.00
160.00	3.70	2.03	0.00
165.00	3.70	2.03	0.00
170.00	3.70	2.03	0.00
175.00	3.70	2.03	0.00
180.00	3.70	2.03	0.00
185.00	3.70	2.03	0.00
190.00	3.70	2.03	0.00
195.00	3.70	2.03	0.00
200.00	3.70	2.03	0.00
205.00	3.70	2.03	0.00
210.00	3.70	2.03	0.00
215.00	3.70	2.03	0.00
220.00	3.70	2.03	0.00
225.00	3.70	2.03	0.00
230.00	3.70	2.03	0.00
235.00	3.70	2.03	0.00
240.00	3.70	2.03	0.00
245.00	3.70	2.03	0.00
250.00	3.70	2.03	0.00
255.00	3.70	2.03	0.00
260.00	3.70	2.03	0.00
265.00	3.70	2.03	0.00
270.00	3.70	2.03	0.00
275.00	3.70	2.03	0.00
280.00	3.70	2.03	0.00
285.00	3.70	2.03	0.00
290.00	3.70	2.03	0.00
295.00	3.70	2.03	0.00
300.00	3.70	2.03	0.00
305.00	3.70	2.03	0.00
310.00	3.70	2.03	0.00
315.00	3.70	2.03	0.00
320.00	3.70	2.03	0.00
325.00	3.70	2.03	0.00
330.00	3.70	2.03	0.00
335.00	3.70	2.03	0.00
340.00	3.70	2.03	0.00
345.00	3.70	2.03	0.00
350.00	3.70	2.03	0.00
355.00	3.70	2.03	0.00
360.00	3.70	2.03	0.00
365.00	3.70	2.03	0.00
370.00	3.70	2.03	0.00
375.00	3.70	2.03	0.00
380.00	3.70	2.03	0.00
385.00	3.70	2.03	0.00
390.00	3.70	2.03	0.00
395.00	3.70	2.03	0.00
400.00	3.70	2.03	0.00
405.00	3.70	2.03	0.00
410.00	3.70	2.03	0.00
415.00	3.70	2.03	0.00
420.00	3.70	2.03	0.00
425.00	3.70	2.03	0.00
430.00	3.70	2.03	0.00
435.00	3.70	2.03	0.00
440.00	3.70	2.03	0.00
445.00	3.70	2.03	0.00
450.00	3.70	2.03	0.00
455.00	3.70	2.03	0.00
460.00	3.70	2.03	0.00
465.00	3.70	2.03	0.00
470.00	3.70	2.03	0.00
475.00	3.70	2.03	0.00
480.00	3.70	2.03	0.00
485.00	3.70	2.03	0.00
490.00	3.70	2.03	0.00
495.00	3.70	2.03	0.00
500.00	3.70	2.03	0.00

Summary for Subcatchment 3Z: Post 3Z - Offsite

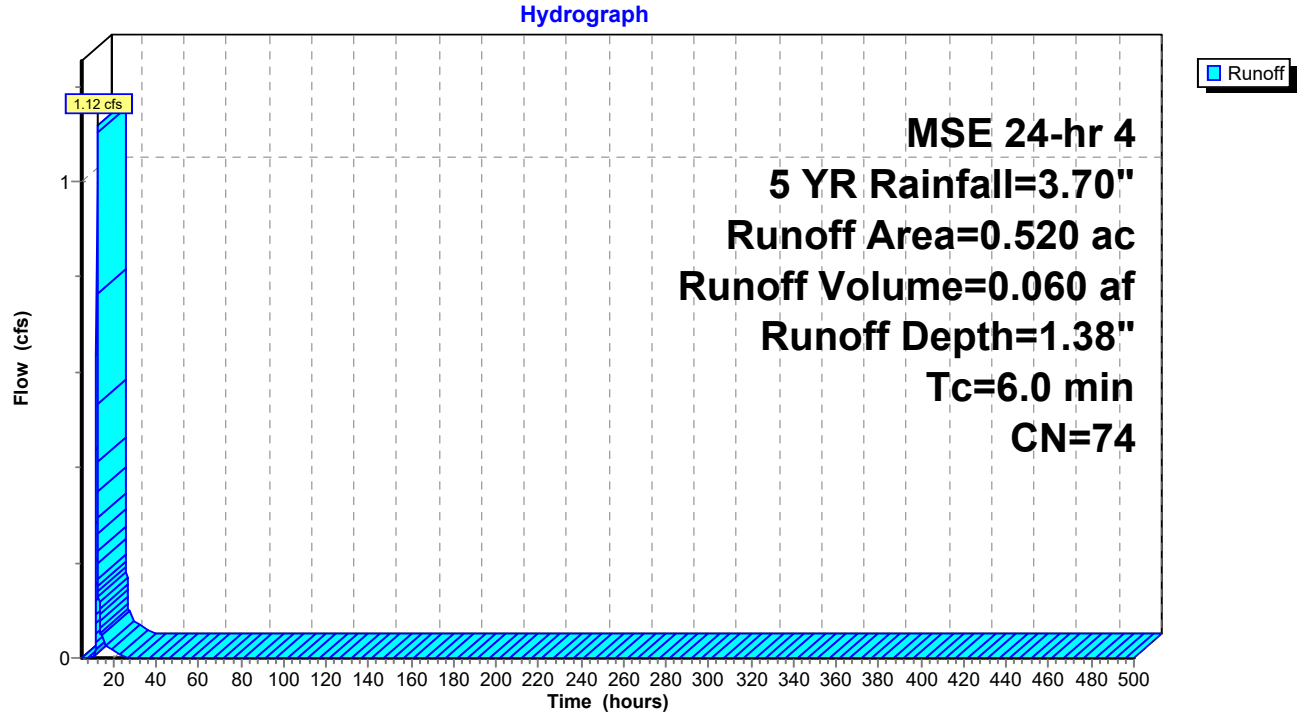
Runoff = 1.12 cfs @ 12.14 hrs, Volume= 0.060 af, Depth= 1.38"
Routed to Link 4L : Post - North

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 5 YR Rainfall=3.70"

	Area (ac)	CN	Description
*	0.000	98	Impervious
*	0.000	61	Post - B Soils
*	0.520	74	Post - C Soils
	0.520	74	Weighted Average
	0.520		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3Z: Post 3Z - Offsite



Hydrograph for Subcatchment 3Z: Post 3Z - Offsite

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.17	0.00	0.00	260.00	3.70	1.38	0.00
10.00	0.59	0.00	**0.00**	265.00	3.70	1.38	0.00
15.00	3.25	1.07	**0.05**	270.00	3.70	1.38	0.00
20.00	**3.58**	**1.30**	0.02	275.00	3.70	1.38	0.00
25.00	**3.70**	**1.38**	0.00	280.00	3.70	1.38	0.00
30.00	3.70	1.38	0.00	285.00	3.70	1.38	0.00
35.00	3.70	1.38	0.00	290.00	3.70	1.38	0.00
40.00	3.70	1.38	0.00	295.00	3.70	1.38	0.00
45.00	3.70	1.38	0.00	300.00	3.70	1.38	0.00
50.00	3.70	1.38	0.00	305.00	3.70	1.38	0.00
55.00	3.70	1.38	0.00	310.00	3.70	1.38	0.00
60.00	3.70	1.38	0.00	315.00	3.70	1.38	0.00
65.00	3.70	1.38	0.00	320.00	3.70	1.38	0.00
70.00	3.70	1.38	0.00	325.00	3.70	1.38	0.00
75.00	3.70	1.38	0.00	330.00	3.70	1.38	0.00
80.00	3.70	1.38	0.00	335.00	3.70	1.38	0.00
85.00	3.70	1.38	0.00	340.00	3.70	1.38	0.00
90.00	3.70	1.38	0.00	345.00	3.70	1.38	0.00
95.00	3.70	1.38	0.00	350.00	3.70	1.38	0.00
100.00	3.70	1.38	0.00	355.00	3.70	1.38	0.00
105.00	3.70	1.38	0.00	360.00	3.70	1.38	0.00
110.00	3.70	1.38	0.00	365.00	3.70	1.38	0.00
115.00	3.70	1.38	0.00	370.00	3.70	1.38	0.00
120.00	3.70	1.38	0.00	375.00	3.70	1.38	0.00
125.00	3.70	1.38	0.00	380.00	3.70	1.38	0.00
130.00	3.70	1.38	0.00	385.00	3.70	1.38	0.00
135.00	3.70	1.38	0.00	390.00	3.70	1.38	0.00
140.00	3.70	1.38	0.00	395.00	3.70	1.38	0.00
145.00	3.70	1.38	0.00	400.00	3.70	1.38	0.00
150.00	3.70	1.38	0.00	405.00	3.70	1.38	0.00
155.00	3.70	1.38	0.00	410.00	3.70	1.38	0.00
160.00	3.70	1.38	0.00	415.00	3.70	1.38	0.00
165.00	3.70	1.38	0.00	420.00	3.70	1.38	0.00
170.00	3.70	1.38	0.00	425.00	3.70	1.38	0.00
175.00	3.70	1.38	0.00	430.00	3.70	1.38	0.00
180.00	3.70	1.38	0.00	435.00	3.70	1.38	0.00
185.00	3.70	1.38	0.00	440.00	3.70	1.38	0.00
190.00	3.70	1.38	0.00	445.00	3.70	1.38	0.00
195.00	3.70	1.38	0.00	450.00	3.70	1.38	0.00
200.00	3.70	1.38	0.00	455.00	3.70	1.38	0.00
205.00	3.70	1.38	0.00	460.00	3.70	1.38	0.00
210.00	3.70	1.38	0.00	465.00	3.70	1.38	0.00
215.00	3.70	1.38	0.00	470.00	3.70	1.38	0.00
220.00	3.70	1.38	0.00	475.00	3.70	1.38	0.00
225.00	3.70	1.38	0.00	480.00	3.70	1.38	0.00
230.00	3.70	1.38	0.00	485.00	3.70	1.38	0.00
235.00	3.70	1.38	0.00	490.00	3.70	1.38	0.00
240.00	3.70	1.38	0.00	495.00	3.70	1.38	0.00
245.00	3.70	1.38	0.00	500.00	3.70	1.38	0.00
250.00	3.70	1.38	0.00				
255.00	3.70	1.38	0.00				

Summary for Subcatchment 5S: Culvert 1

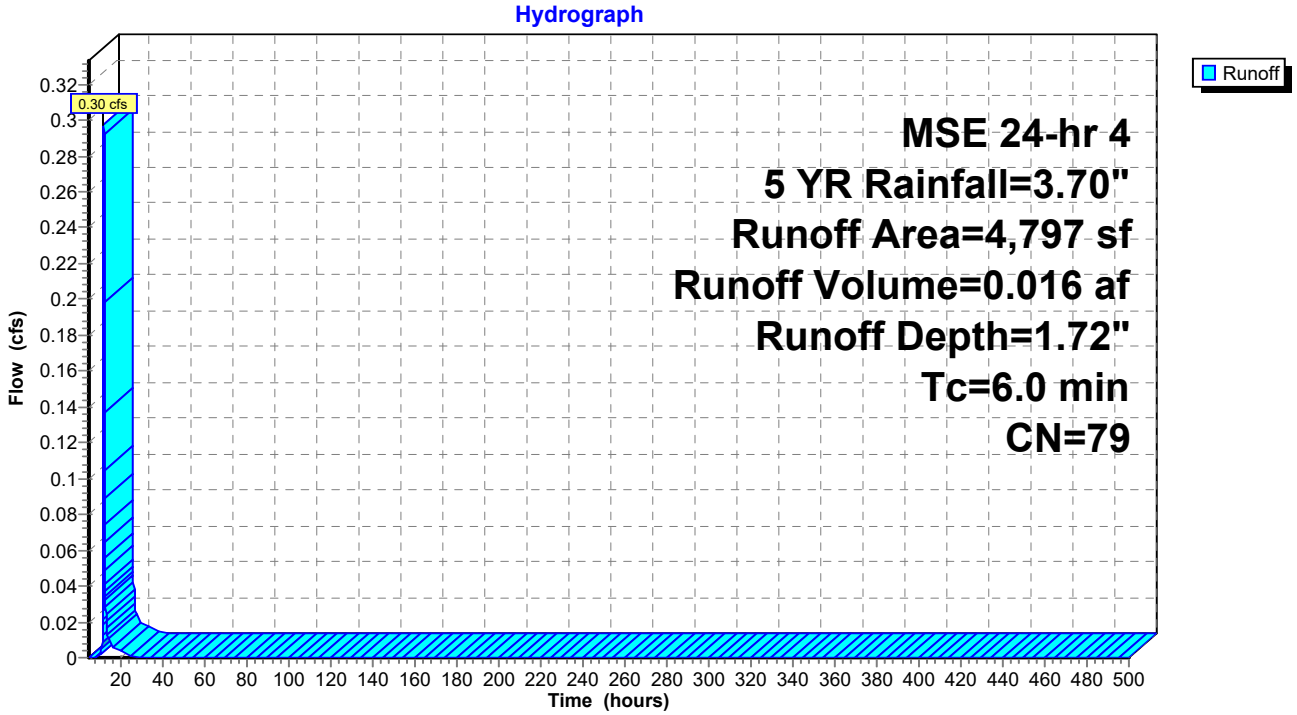
Runoff = 0.30 cfs @ 12.13 hrs, Volume= 0.016 af, Depth= 1.72"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 5 YR Rainfall=3.70"

	Area (sf)	CN	Description
*	2,465	61	Post - B Soils
*	2,332	98	Impervious
	4,797	79	Weighted Average
	2,465		51.39% Pervious Area
	2,332		48.61% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 5S: Culvert 1



Hydrograph for Subcatchment 5S: Culvert 1

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.17	0.00	0.00	260.00	3.70	1.72	0.00
10.00	0.59	0.00	**0.00**	265.00	3.70	1.72	0.00
15.00	3.25	1.38	**0.01**	270.00	3.70	1.72	0.00
20.00	**3.58**	**1.63**	0.00	275.00	3.70	1.72	0.00
25.00	**3.70**	**1.72**	0.00	280.00	3.70	1.72	0.00
30.00	3.70	1.72	0.00	285.00	3.70	1.72	0.00
35.00	3.70	1.72	0.00	290.00	3.70	1.72	0.00
40.00	3.70	1.72	0.00	295.00	3.70	1.72	0.00
45.00	3.70	1.72	0.00	300.00	3.70	1.72	0.00
50.00	3.70	1.72	0.00	305.00	3.70	1.72	0.00
55.00	3.70	1.72	0.00	310.00	3.70	1.72	0.00
60.00	3.70	1.72	0.00	315.00	3.70	1.72	0.00
65.00	3.70	1.72	0.00	320.00	3.70	1.72	0.00
70.00	3.70	1.72	0.00	325.00	3.70	1.72	0.00
75.00	3.70	1.72	0.00	330.00	3.70	1.72	0.00
80.00	3.70	1.72	0.00	335.00	3.70	1.72	0.00
85.00	3.70	1.72	0.00	340.00	3.70	1.72	0.00
90.00	3.70	1.72	0.00	345.00	3.70	1.72	0.00
95.00	3.70	1.72	0.00	350.00	3.70	1.72	0.00
100.00	3.70	1.72	0.00	355.00	3.70	1.72	0.00
105.00	3.70	1.72	0.00	360.00	3.70	1.72	0.00
110.00	3.70	1.72	0.00	365.00	3.70	1.72	0.00
115.00	3.70	1.72	0.00	370.00	3.70	1.72	0.00
120.00	3.70	1.72	0.00	375.00	3.70	1.72	0.00
125.00	3.70	1.72	0.00	380.00	3.70	1.72	0.00
130.00	3.70	1.72	0.00	385.00	3.70	1.72	0.00
135.00	3.70	1.72	0.00	390.00	3.70	1.72	0.00
140.00	3.70	1.72	0.00	395.00	3.70	1.72	0.00
145.00	3.70	1.72	0.00	400.00	3.70	1.72	0.00
150.00	3.70	1.72	0.00	405.00	3.70	1.72	0.00
155.00	3.70	1.72	0.00	410.00	3.70	1.72	0.00
160.00	3.70	1.72	0.00	415.00	3.70	1.72	0.00
165.00	3.70	1.72	0.00	420.00	3.70	1.72	0.00
170.00	3.70	1.72	0.00	425.00	3.70	1.72	0.00
175.00	3.70	1.72	0.00	430.00	3.70	1.72	0.00
180.00	3.70	1.72	0.00	435.00	3.70	1.72	0.00
185.00	3.70	1.72	0.00	440.00	3.70	1.72	0.00
190.00	3.70	1.72	0.00	445.00	3.70	1.72	0.00
195.00	3.70	1.72	0.00	450.00	3.70	1.72	0.00
200.00	3.70	1.72	0.00	455.00	3.70	1.72	0.00
205.00	3.70	1.72	0.00	460.00	3.70	1.72	0.00
210.00	3.70	1.72	0.00	465.00	3.70	1.72	0.00
215.00	3.70	1.72	0.00	470.00	3.70	1.72	0.00
220.00	3.70	1.72	0.00	475.00	3.70	1.72	0.00
225.00	3.70	1.72	0.00	480.00	3.70	1.72	0.00
230.00	3.70	1.72	0.00	485.00	3.70	1.72	0.00
235.00	3.70	1.72	0.00	490.00	3.70	1.72	0.00
240.00	3.70	1.72	0.00	495.00	3.70	1.72	0.00
245.00	3.70	1.72	0.00	500.00	3.70	1.72	0.00
250.00	3.70	1.72	0.00				
255.00	3.70	1.72	0.00				

Summary for Subcatchment 6S: Culvert 2

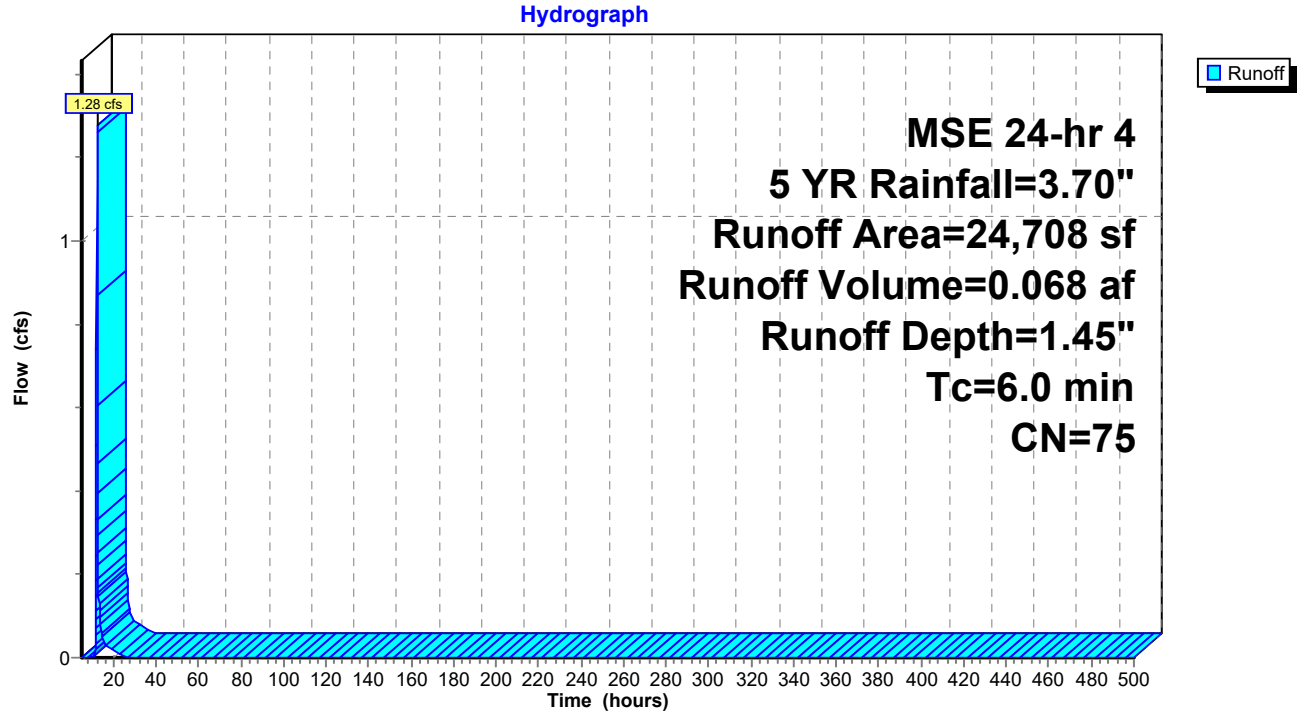
Runoff = 1.28 cfs @ 12.14 hrs, Volume= 0.068 af, Depth= 1.45"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 5 YR Rainfall=3.70"

	Area (sf)	CN	Description
*	15,597	61	Post - B Soils
*	9,111	98	Impervious
	24,708	75	Weighted Average
	15,597		63.13% Pervious Area
	9,111		36.87% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 6S: Culvert 2



Hydrograph for Subcatchment 6S: Culvert 2

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.17	0.00	0.00	260.00	3.70	1.45	0.00
10.00	0.59	0.00	**0.00**	265.00	3.70	1.45	0.00
15.00	3.25	1.13	**0.05**	270.00	3.70	1.45	0.00
20.00	**3.58**	**1.36**	0.02	275.00	3.70	1.45	0.00
25.00	**3.70**	**1.45**	0.00	280.00	3.70	1.45	0.00
30.00	3.70	1.45	0.00	285.00	3.70	1.45	0.00
35.00	3.70	1.45	0.00	290.00	3.70	1.45	0.00
40.00	3.70	1.45	0.00	295.00	3.70	1.45	0.00
45.00	3.70	1.45	0.00	300.00	3.70	1.45	0.00
50.00	3.70	1.45	0.00	305.00	3.70	1.45	0.00
55.00	3.70	1.45	0.00	310.00	3.70	1.45	0.00
60.00	3.70	1.45	0.00	315.00	3.70	1.45	0.00
65.00	3.70	1.45	0.00	320.00	3.70	1.45	0.00
70.00	3.70	1.45	0.00	325.00	3.70	1.45	0.00
75.00	3.70	1.45	0.00	330.00	3.70	1.45	0.00
80.00	3.70	1.45	0.00	335.00	3.70	1.45	0.00
85.00	3.70	1.45	0.00	340.00	3.70	1.45	0.00
90.00	3.70	1.45	0.00	345.00	3.70	1.45	0.00
95.00	3.70	1.45	0.00	350.00	3.70	1.45	0.00
100.00	3.70	1.45	0.00	355.00	3.70	1.45	0.00
105.00	3.70	1.45	0.00	360.00	3.70	1.45	0.00
110.00	3.70	1.45	0.00	365.00	3.70	1.45	0.00
115.00	3.70	1.45	0.00	370.00	3.70	1.45	0.00
120.00	3.70	1.45	0.00	375.00	3.70	1.45	0.00
125.00	3.70	1.45	0.00	380.00	3.70	1.45	0.00
130.00	3.70	1.45	0.00	385.00	3.70	1.45	0.00
135.00	3.70	1.45	0.00	390.00	3.70	1.45	0.00
140.00	3.70	1.45	0.00	395.00	3.70	1.45	0.00
145.00	3.70	1.45	0.00	400.00	3.70	1.45	0.00
150.00	3.70	1.45	0.00	405.00	3.70	1.45	0.00
155.00	3.70	1.45	0.00	410.00	3.70	1.45	0.00
160.00	3.70	1.45	0.00	415.00	3.70	1.45	0.00
165.00	3.70	1.45	0.00	420.00	3.70	1.45	0.00
170.00	3.70	1.45	0.00	425.00	3.70	1.45	0.00
175.00	3.70	1.45	0.00	430.00	3.70	1.45	0.00
180.00	3.70	1.45	0.00	435.00	3.70	1.45	0.00
185.00	3.70	1.45	0.00	440.00	3.70	1.45	0.00
190.00	3.70	1.45	0.00	445.00	3.70	1.45	0.00
195.00	3.70	1.45	0.00	450.00	3.70	1.45	0.00
200.00	3.70	1.45	0.00	455.00	3.70	1.45	0.00
205.00	3.70	1.45	0.00	460.00	3.70	1.45	0.00
210.00	3.70	1.45	0.00	465.00	3.70	1.45	0.00
215.00	3.70	1.45	0.00	470.00	3.70	1.45	0.00
220.00	3.70	1.45	0.00	475.00	3.70	1.45	0.00
225.00	3.70	1.45	0.00	480.00	3.70	1.45	0.00
230.00	3.70	1.45	0.00	485.00	3.70	1.45	0.00
235.00	3.70	1.45	0.00	490.00	3.70	1.45	0.00
240.00	3.70	1.45	0.00	495.00	3.70	1.45	0.00
245.00	3.70	1.45	0.00	500.00	3.70	1.45	0.00
250.00	3.70	1.45	0.00				
255.00	3.70	1.45	0.00				

Summary for Subcatchment 7S: Culvert 3

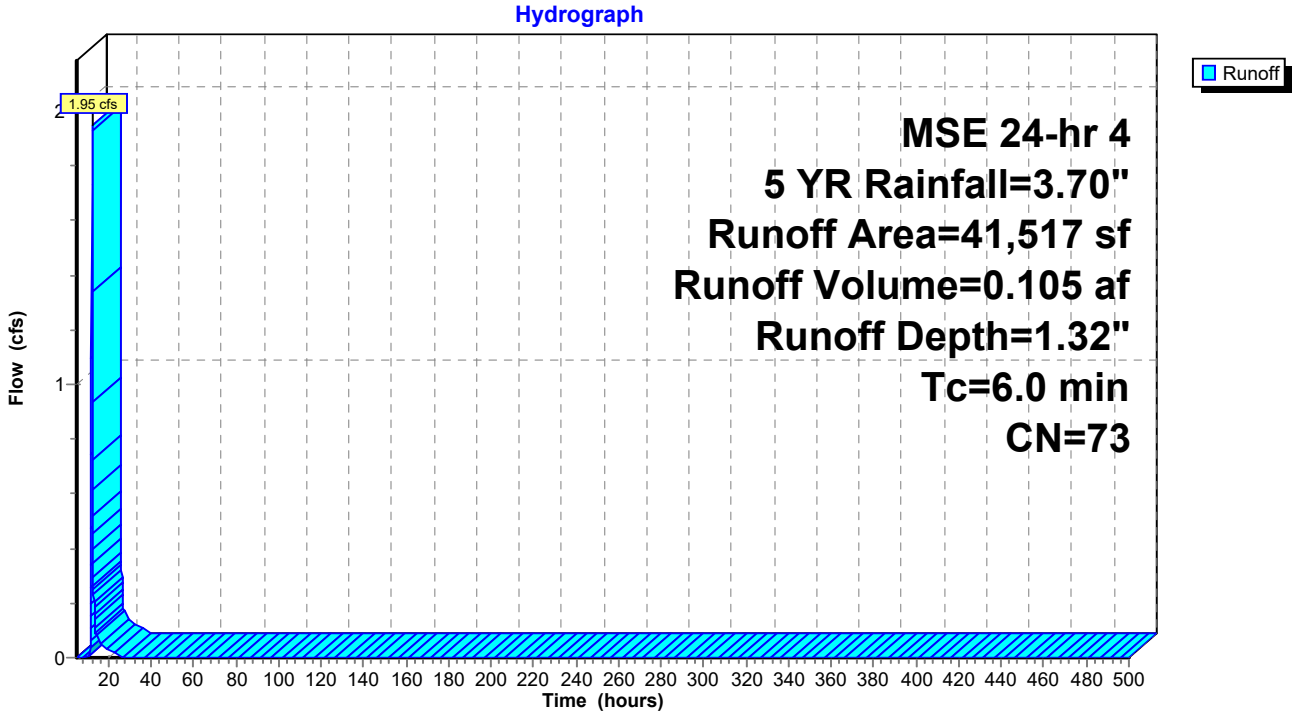
Runoff = 1.95 cfs @ 12.14 hrs, Volume= 0.105 af, Depth= 1.32"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 5 YR Rainfall=3.70"

	Area (sf)	CN	Description
*	28,233	61	Post - B Soils
*	13,284	98	Impervious
	41,517	73	Weighted Average
	28,233		68.00% Pervious Area
	13,284		32.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 7S: Culvert 3



Hydrograph for Subcatchment 7S: Culvert 3

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.17	0.00	0.00	260.00	3.70	1.32	0.00
10.00	0.59	0.00	**0.00**	265.00	3.70	1.32	0.00
15.00	3.25	1.02	**0.08**	270.00	3.70	1.32	0.00
20.00	**3.58**	**1.23**	0.03	275.00	3.70	1.32	0.00
25.00	**3.70**	**1.32**	0.00	280.00	3.70	1.32	0.00
30.00	3.70	1.32	0.00	285.00	3.70	1.32	0.00
35.00	3.70	1.32	0.00	290.00	3.70	1.32	0.00
40.00	3.70	1.32	0.00	295.00	3.70	1.32	0.00
45.00	3.70	1.32	0.00	300.00	3.70	1.32	0.00
50.00	3.70	1.32	0.00	305.00	3.70	1.32	0.00
55.00	3.70	1.32	0.00	310.00	3.70	1.32	0.00
60.00	3.70	1.32	0.00	315.00	3.70	1.32	0.00
65.00	3.70	1.32	0.00	320.00	3.70	1.32	0.00
70.00	3.70	1.32	0.00	325.00	3.70	1.32	0.00
75.00	3.70	1.32	0.00	330.00	3.70	1.32	0.00
80.00	3.70	1.32	0.00	335.00	3.70	1.32	0.00
85.00	3.70	1.32	0.00	340.00	3.70	1.32	0.00
90.00	3.70	1.32	0.00	345.00	3.70	1.32	0.00
95.00	3.70	1.32	0.00	350.00	3.70	1.32	0.00
100.00	3.70	1.32	0.00	355.00	3.70	1.32	0.00
105.00	3.70	1.32	0.00	360.00	3.70	1.32	0.00
110.00	3.70	1.32	0.00	365.00	3.70	1.32	0.00
115.00	3.70	1.32	0.00	370.00	3.70	1.32	0.00
120.00	3.70	1.32	0.00	375.00	3.70	1.32	0.00
125.00	3.70	1.32	0.00	380.00	3.70	1.32	0.00
130.00	3.70	1.32	0.00	385.00	3.70	1.32	0.00
135.00	3.70	1.32	0.00	390.00	3.70	1.32	0.00
140.00	3.70	1.32	0.00	395.00	3.70	1.32	0.00
145.00	3.70	1.32	0.00	400.00	3.70	1.32	0.00
150.00	3.70	1.32	0.00	405.00	3.70	1.32	0.00
155.00	3.70	1.32	0.00	410.00	3.70	1.32	0.00
160.00	3.70	1.32	0.00	415.00	3.70	1.32	0.00
165.00	3.70	1.32	0.00	420.00	3.70	1.32	0.00
170.00	3.70	1.32	0.00	425.00	3.70	1.32	0.00
175.00	3.70	1.32	0.00	430.00	3.70	1.32	0.00
180.00	3.70	1.32	0.00	435.00	3.70	1.32	0.00
185.00	3.70	1.32	0.00	440.00	3.70	1.32	0.00
190.00	3.70	1.32	0.00	445.00	3.70	1.32	0.00
195.00	3.70	1.32	0.00	450.00	3.70	1.32	0.00
200.00	3.70	1.32	0.00	455.00	3.70	1.32	0.00
205.00	3.70	1.32	0.00	460.00	3.70	1.32	0.00
210.00	3.70	1.32	0.00	465.00	3.70	1.32	0.00
215.00	3.70	1.32	0.00	470.00	3.70	1.32	0.00
220.00	3.70	1.32	0.00	475.00	3.70	1.32	0.00
225.00	3.70	1.32	0.00	480.00	3.70	1.32	0.00
230.00	3.70	1.32	0.00	485.00	3.70	1.32	0.00
235.00	3.70	1.32	0.00	490.00	3.70	1.32	0.00
240.00	3.70	1.32	0.00	495.00	3.70	1.32	0.00
245.00	3.70	1.32	0.00	500.00	3.70	1.32	0.00
250.00	3.70	1.32	0.00				
255.00	3.70	1.32	0.00				

Summary for Subcatchment 8S: Culvert 4

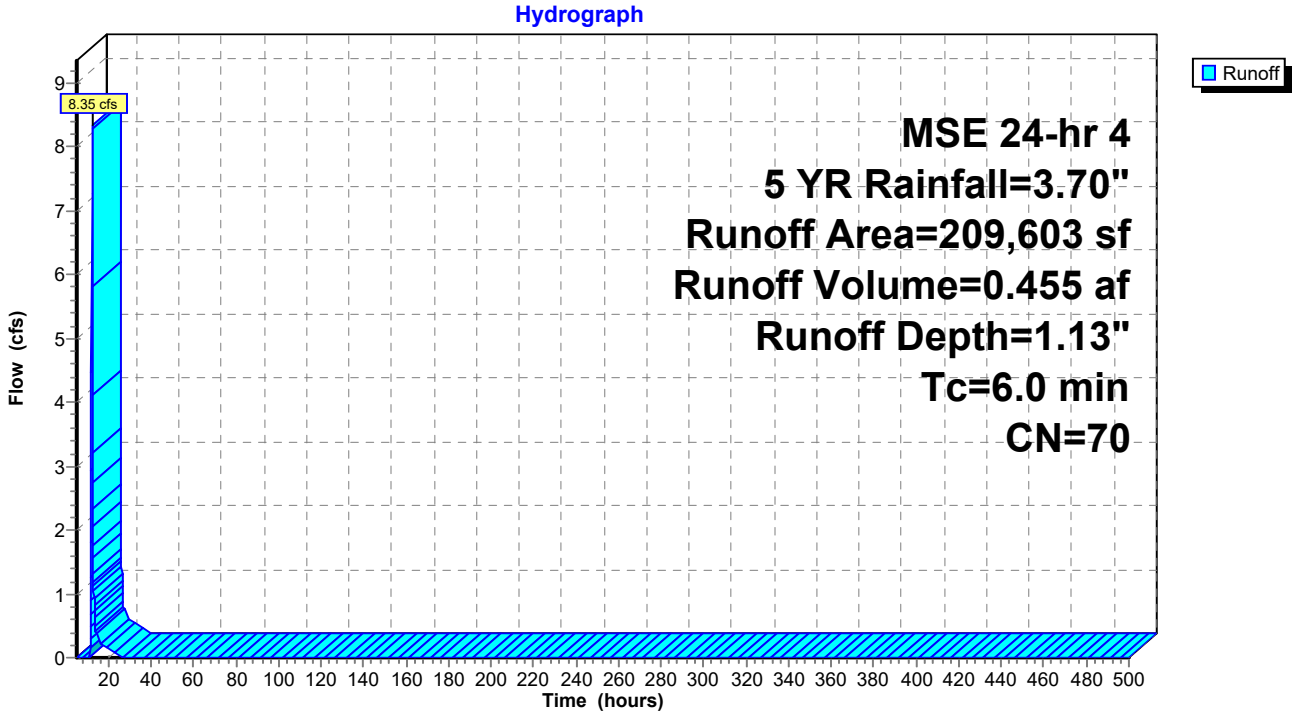
Runoff = 8.35 cfs @ 12.14 hrs, Volume= 0.455 af, Depth= 1.13"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 5 YR Rainfall=3.70"

	Area (sf)	CN	Description
*	156,823	61	Post - B Soils
*	52,780	98	Impervious
	209,603	70	Weighted Average
	156,823		74.82% Pervious Area
	52,780		25.18% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 8S: Culvert 4



Hydrograph for Subcatchment 8S: Culvert 4

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.17	0.00	0.00	260.00	3.70	1.13	0.00
10.00	0.59	0.00	**0.00**	265.00	3.70	1.13	0.00
15.00	3.25	0.86	**0.37**	270.00	3.70	1.13	0.00
20.00	**3.58**	**1.06**	0.14	275.00	3.70	1.13	0.00
25.00	**3.70**	**1.13**	0.00	280.00	3.70	1.13	0.00
30.00	3.70	1.13	0.00	285.00	3.70	1.13	0.00
35.00	3.70	1.13	0.00	290.00	3.70	1.13	0.00
40.00	3.70	1.13	0.00	295.00	3.70	1.13	0.00
45.00	3.70	1.13	0.00	300.00	3.70	1.13	0.00
50.00	3.70	1.13	0.00	305.00	3.70	1.13	0.00
55.00	3.70	1.13	0.00	310.00	3.70	1.13	0.00
60.00	3.70	1.13	0.00	315.00	3.70	1.13	0.00
65.00	3.70	1.13	0.00	320.00	3.70	1.13	0.00
70.00	3.70	1.13	0.00	325.00	3.70	1.13	0.00
75.00	3.70	1.13	0.00	330.00	3.70	1.13	0.00
80.00	3.70	1.13	0.00	335.00	3.70	1.13	0.00
85.00	3.70	1.13	0.00	340.00	3.70	1.13	0.00
90.00	3.70	1.13	0.00	345.00	3.70	1.13	0.00
95.00	3.70	1.13	0.00	350.00	3.70	1.13	0.00
100.00	3.70	1.13	0.00	355.00	3.70	1.13	0.00
105.00	3.70	1.13	0.00	360.00	3.70	1.13	0.00
110.00	3.70	1.13	0.00	365.00	3.70	1.13	0.00
115.00	3.70	1.13	0.00	370.00	3.70	1.13	0.00
120.00	3.70	1.13	0.00	375.00	3.70	1.13	0.00
125.00	3.70	1.13	0.00	380.00	3.70	1.13	0.00
130.00	3.70	1.13	0.00	385.00	3.70	1.13	0.00
135.00	3.70	1.13	0.00	390.00	3.70	1.13	0.00
140.00	3.70	1.13	0.00	395.00	3.70	1.13	0.00
145.00	3.70	1.13	0.00	400.00	3.70	1.13	0.00
150.00	3.70	1.13	0.00	405.00	3.70	1.13	0.00
155.00	3.70	1.13	0.00	410.00	3.70	1.13	0.00
160.00	3.70	1.13	0.00	415.00	3.70	1.13	0.00
165.00	3.70	1.13	0.00	420.00	3.70	1.13	0.00
170.00	3.70	1.13	0.00	425.00	3.70	1.13	0.00
175.00	3.70	1.13	0.00	430.00	3.70	1.13	0.00
180.00	3.70	1.13	0.00	435.00	3.70	1.13	0.00
185.00	3.70	1.13	0.00	440.00	3.70	1.13	0.00
190.00	3.70	1.13	0.00	445.00	3.70	1.13	0.00
195.00	3.70	1.13	0.00	450.00	3.70	1.13	0.00
200.00	3.70	1.13	0.00	455.00	3.70	1.13	0.00
205.00	3.70	1.13	0.00	460.00	3.70	1.13	0.00
210.00	3.70	1.13	0.00	465.00	3.70	1.13	0.00
215.00	3.70	1.13	0.00	470.00	3.70	1.13	0.00
220.00	3.70	1.13	0.00	475.00	3.70	1.13	0.00
225.00	3.70	1.13	0.00	480.00	3.70	1.13	0.00
230.00	3.70	1.13	0.00	485.00	3.70	1.13	0.00
235.00	3.70	1.13	0.00	490.00	3.70	1.13	0.00
240.00	3.70	1.13	0.00	495.00	3.70	1.13	0.00
245.00	3.70	1.13	0.00	500.00	3.70	1.13	0.00
250.00	3.70	1.13	0.00				
255.00	3.70	1.13	0.00				

Summary for Subcatchment 9S: Culvert 5

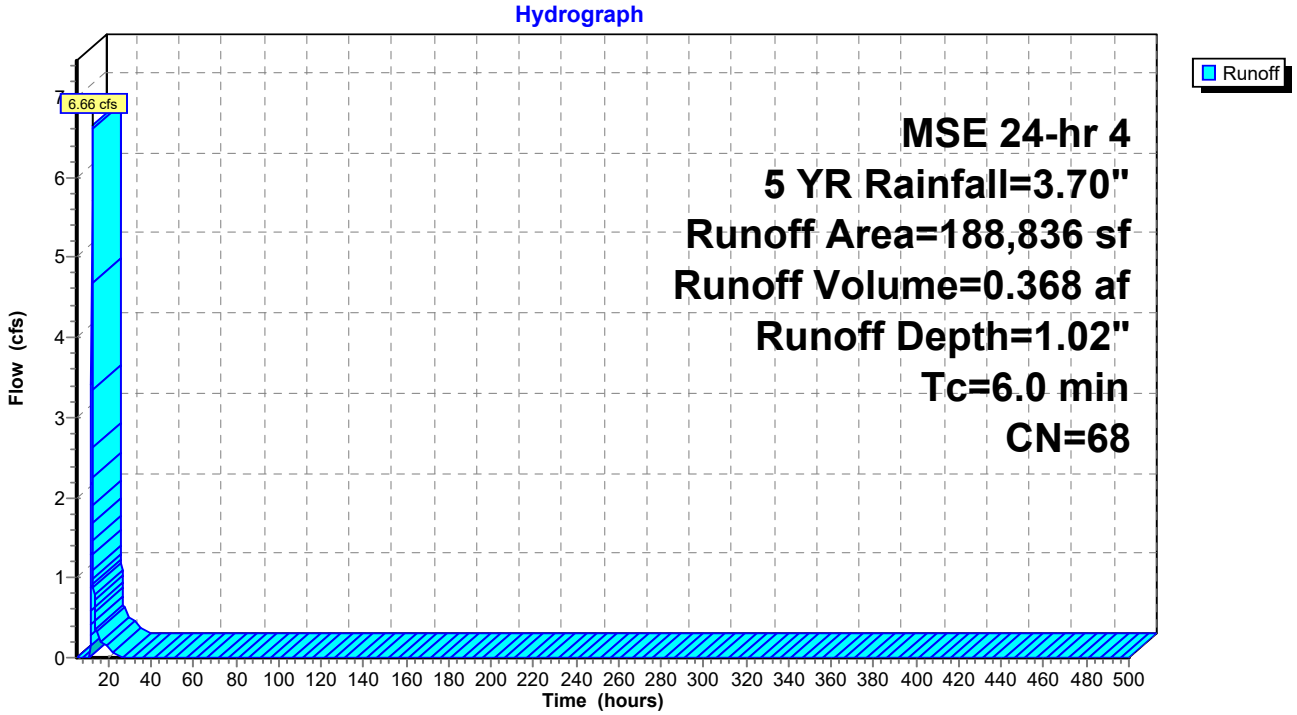
Runoff = 6.66 cfs @ 12.14 hrs, Volume= 0.368 af, Depth= 1.02"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 5 YR Rainfall=3.70"

	Area (sf)	CN	Description
*	151,149	61	Post - B Soils
*	37,687	98	Impervious
	188,836	68	Weighted Average
	151,149		80.04% Pervious Area
	37,687		19.96% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 9S: Culvert 5



Hydrograph for Subcatchment 9S: Culvert 5

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.17	0.00	0.00	260.00	3.70	1.02	0.00
10.00	0.59	0.00	**0.00**	265.00	3.70	1.02	0.00
15.00	3.25	0.76	**0.31**	270.00	3.70	1.02	0.00
20.00	**3.58**	**0.95**	0.12	275.00	3.70	1.02	0.00
25.00	**3.70**	**1.02**	0.00	280.00	3.70	1.02	0.00
30.00	3.70	1.02	0.00	285.00	3.70	1.02	0.00
35.00	3.70	1.02	0.00	290.00	3.70	1.02	0.00
40.00	3.70	1.02	0.00	295.00	3.70	1.02	0.00
45.00	3.70	1.02	0.00	300.00	3.70	1.02	0.00
50.00	3.70	1.02	0.00	305.00	3.70	1.02	0.00
55.00	3.70	1.02	0.00	310.00	3.70	1.02	0.00
60.00	3.70	1.02	0.00	315.00	3.70	1.02	0.00
65.00	3.70	1.02	0.00	320.00	3.70	1.02	0.00
70.00	3.70	1.02	0.00	325.00	3.70	1.02	0.00
75.00	3.70	1.02	0.00	330.00	3.70	1.02	0.00
80.00	3.70	1.02	0.00	335.00	3.70	1.02	0.00
85.00	3.70	1.02	0.00	340.00	3.70	1.02	0.00
90.00	3.70	1.02	0.00	345.00	3.70	1.02	0.00
95.00	3.70	1.02	0.00	350.00	3.70	1.02	0.00
100.00	3.70	1.02	0.00	355.00	3.70	1.02	0.00
105.00	3.70	1.02	0.00	360.00	3.70	1.02	0.00
110.00	3.70	1.02	0.00	365.00	3.70	1.02	0.00
115.00	3.70	1.02	0.00	370.00	3.70	1.02	0.00
120.00	3.70	1.02	0.00	375.00	3.70	1.02	0.00
125.00	3.70	1.02	0.00	380.00	3.70	1.02	0.00
130.00	3.70	1.02	0.00	385.00	3.70	1.02	0.00
135.00	3.70	1.02	0.00	390.00	3.70	1.02	0.00
140.00	3.70	1.02	0.00	395.00	3.70	1.02	0.00
145.00	3.70	1.02	0.00	400.00	3.70	1.02	0.00
150.00	3.70	1.02	0.00	405.00	3.70	1.02	0.00
155.00	3.70	1.02	0.00	410.00	3.70	1.02	0.00
160.00	3.70	1.02	0.00	415.00	3.70	1.02	0.00
165.00	3.70	1.02	0.00	420.00	3.70	1.02	0.00
170.00	3.70	1.02	0.00	425.00	3.70	1.02	0.00
175.00	3.70	1.02	0.00	430.00	3.70	1.02	0.00
180.00	3.70	1.02	0.00	435.00	3.70	1.02	0.00
185.00	3.70	1.02	0.00	440.00	3.70	1.02	0.00
190.00	3.70	1.02	0.00	445.00	3.70	1.02	0.00
195.00	3.70	1.02	0.00	450.00	3.70	1.02	0.00
200.00	3.70	1.02	0.00	455.00	3.70	1.02	0.00
205.00	3.70	1.02	0.00	460.00	3.70	1.02	0.00
210.00	3.70	1.02	0.00	465.00	3.70	1.02	0.00
215.00	3.70	1.02	0.00	470.00	3.70	1.02	0.00
220.00	3.70	1.02	0.00	475.00	3.70	1.02	0.00
225.00	3.70	1.02	0.00	480.00	3.70	1.02	0.00
230.00	3.70	1.02	0.00	485.00	3.70	1.02	0.00
235.00	3.70	1.02	0.00	490.00	3.70	1.02	0.00
240.00	3.70	1.02	0.00	495.00	3.70	1.02	0.00
245.00	3.70	1.02	0.00	500.00	3.70	1.02	0.00
250.00	3.70	1.02	0.00				
255.00	3.70	1.02	0.00				

Summary for Pond P1A: Pond 1A

Inflow Area = 6.030 ac, 19.24% Impervious, Inflow Depth = 1.02" for 5 YR event
Inflow = 9.27 cfs @ 12.14 hrs, Volume= 0.512 af
Outflow = 1.17 cfs @ 12.91 hrs, Volume= 0.512 af, Atten= 87%, Lag= 46.2 min
Primary = 0.70 cfs @ 12.91 hrs, Volume= 0.135 af
Routed to Link 3L : Post - South
Secondary = 0.47 cfs @ 12.91 hrs, Volume= 0.377 af
Tertiary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,241.17' @ 12.91 hrs Surf.Area= 5,630 sf Storage= 8,802 cf

Plug-Flow detention time= 145.4 min calculated for 0.512 af (100% of inflow)
Center-of-Mass det. time= 145.3 min (996.8 - 851.5)

Volume	Invert	Avail.Storage	Storage Description
#1	1,239.00'	30,563 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

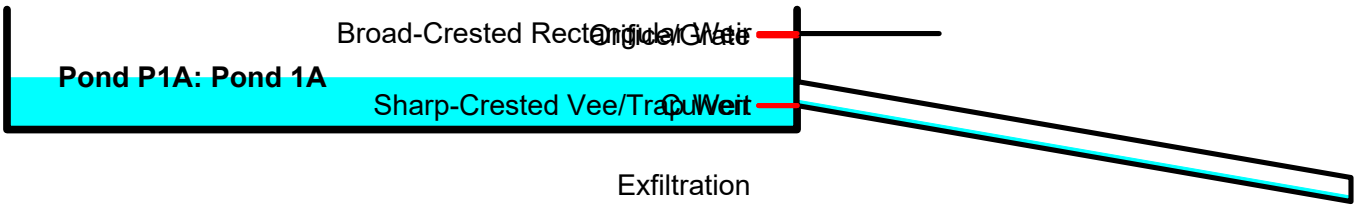
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,239.00	2,496	0	0
1,244.00	9,729	30,563	30,563

Device	Routing	Invert	Outlet Devices
#1	Primary	1,240.00'	**12.0" Round Culvert** L= 39.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,240.00' / 1,236.00' S= 0.1026 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,240.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,242.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Secondary	1,239.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,243.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

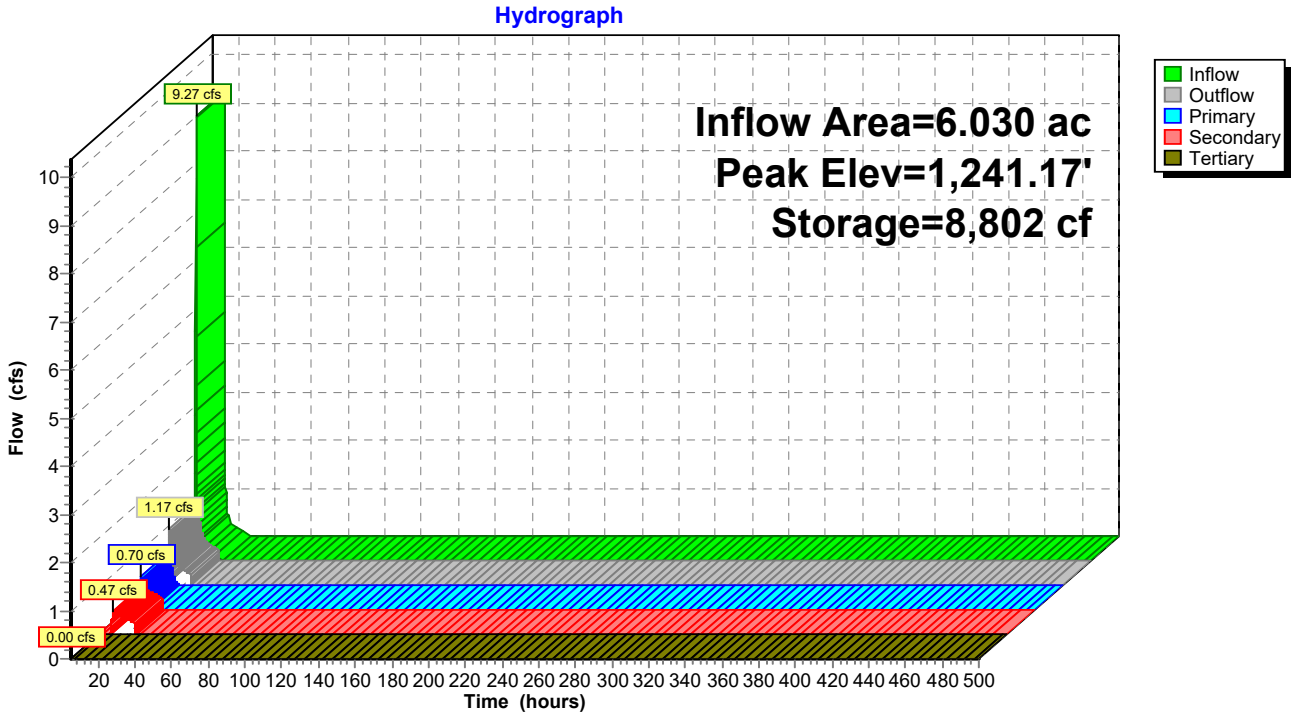
Primary OutFlow Max=0.70 cfs @ 12.91 hrs HW=1,241.17' (Free Discharge)
└**1=Culvert** (Passes 0.70 cfs of 3.09 cfs potential flow)
├**2=Sharp-Crested Vee/Trap Weir** (Weir Controls 0.70 cfs @ 2.91 fps)
└**3=Orifice/Grate** (Controls 0.00 cfs)

Secondary OutFlow Max=0.47 cfs @ 12.91 hrs HW=1,241.17' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.47 cfs)

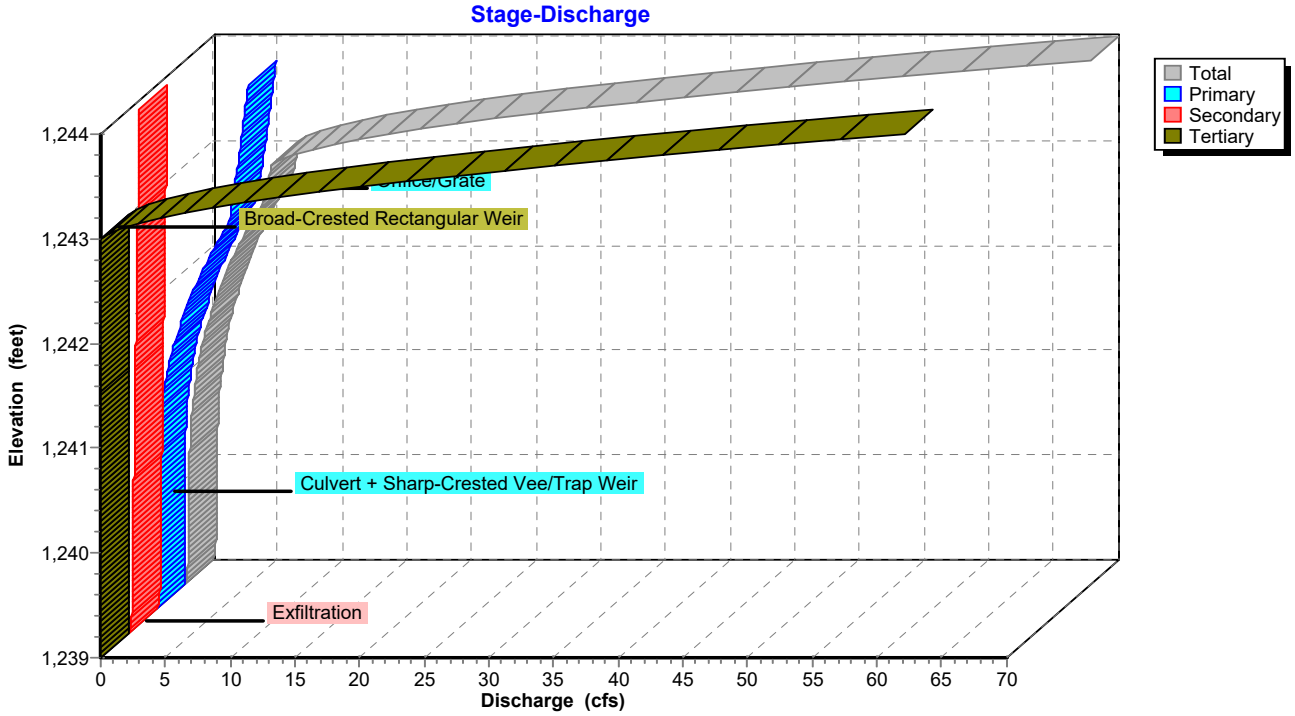
Tertiary OutFlow Max=0.00 cfs @ 5.00 hrs HW=1,239.00' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)



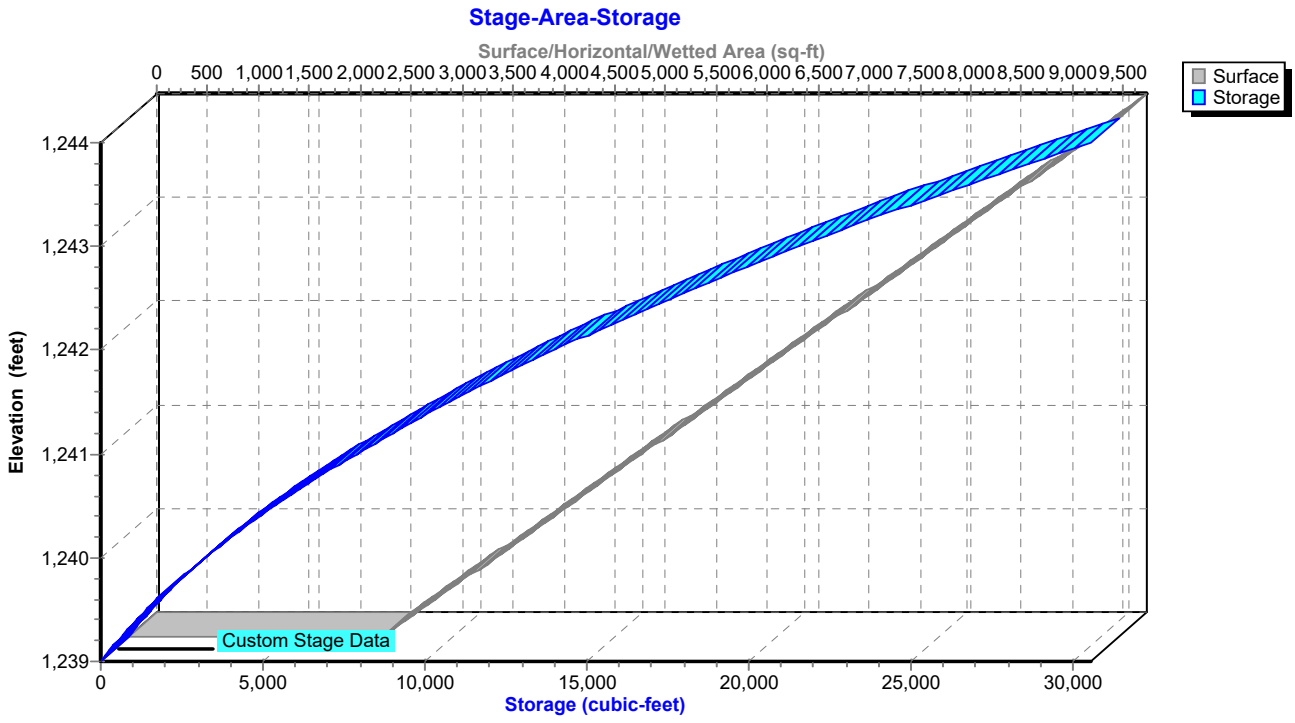
Pond P1A: Pond 1A



Pond P1A: Pond 1A



Pond P1A: Pond 1A



Hydrograph for Pond P1A: Pond 1A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,239.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**0.44**	**6,616**	**1,240.76**	**0.66**	**0.24**	**0.42**	0.00
25.00	0.00	17	1,239.01	0.03	0.00	0.03	0.00
35.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P1A: Pond 1A

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,239.00	0.00	0.00	0.00	0.00
1,239.10	0.22	0.00	0.22	0.00
1,239.20	0.23	0.00	0.23	0.00
1,239.30	0.24	0.00	0.24	0.00
1,239.40	0.26	0.00	0.26	0.00
1,239.50	0.27	0.00	0.27	0.00
1,239.60	0.28	0.00	0.28	0.00
1,239.70	0.29	0.00	0.29	0.00
1,239.80	0.30	0.00	0.30	0.00
1,239.90	0.32	0.00	0.32	0.00
1,240.00	0.33	0.00	0.33	0.00
1,240.10	0.34	0.00	0.34	0.00
1,240.20	0.36	0.01	0.35	0.00
1,240.30	0.39	0.02	0.36	0.00
1,240.40	0.42	0.05	0.38	0.00
1,240.50	0.47	0.08	0.39	0.00
1,240.60	0.53	0.13	0.40	0.00
1,240.70	0.61	0.19	0.41	0.00
1,240.80	0.70	0.27	0.42	0.00
1,240.90	0.80	0.36	0.44	0.00
1,241.00	0.92	0.47	0.45	0.00
1,241.10	1.06	0.60	0.46	0.00
1,241.20	1.22	0.75	0.47	0.00
1,241.30	1.40	0.91	0.49	0.00
1,241.40	1.60	1.10	0.50	0.00
1,241.50	1.82	1.31	0.51	0.00
1,241.60	2.06	1.54	0.52	0.00
1,241.70	2.32	1.79	0.53	0.00
1,241.80	2.61	2.06	0.55	0.00
1,241.90	2.92	2.36	0.56	0.00
1,242.00	3.25	2.68	0.57	0.00
1,242.10	3.61	3.03	0.58	0.00
1,242.20	4.00	3.41	0.59	0.00
1,242.30	4.41	3.81	0.61	0.00
1,242.40	4.85	4.23	0.62	0.00
1,242.50	5.32	4.69	0.63	0.00
1,242.60	5.81	5.17	0.64	0.00
1,242.70	6.26	5.61	0.65	0.00
1,242.80	6.40	5.74	0.67	0.00
1,242.90	6.54	5.86	0.68	0.00
1,243.00	6.67	5.98	0.69	0.00
1,243.10	8.40	6.10	0.70	1.60
1,243.20	11.53	6.21	0.71	4.60
1,243.30	15.75	6.33	0.73	8.70
1,243.40	20.96	6.44	0.74	13.78
1,243.50	27.39	6.55	0.75	20.08
1,243.60	34.93	6.66	0.76	27.51
1,243.70	42.64	6.76	0.77	35.10
1,243.80	51.08	6.87	0.79	43.42
1,243.90	60.22	6.97	0.80	52.45
1,244.00	**70.06**	**7.07**	**0.81**	**62.18**

Stage-Area-Storage for Pond P1A: Pond 1A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,239.00	2,496	0
1,239.05	2,568	127
1,239.10	2,641	257
1,239.15	2,713	391
1,239.20	2,785	528
1,239.25	2,858	669
1,239.30	2,930	814
1,239.35	3,002	962
1,239.40	3,075	1,114
1,239.45	3,147	1,270
1,239.50	3,219	1,429
1,239.55	3,292	1,592
1,239.60	3,364	1,758
1,239.65	3,436	1,928
1,239.70	3,509	2,102
1,239.75	3,581	2,279
1,239.80	3,653	2,460
1,239.85	3,726	2,644
1,239.90	3,798	2,832
1,239.95	3,870	3,024
1,240.00	3,943	3,219
1,240.05	4,015	3,418
1,240.10	4,087	3,621
1,240.15	4,160	3,827
1,240.20	4,232	4,037
1,240.25	4,304	4,250
1,240.30	4,377	4,467
1,240.35	4,449	4,688
1,240.40	4,521	4,912
1,240.45	4,594	5,140
1,240.50	4,666	5,371
1,240.55	4,738	5,607
1,240.60	4,811	5,845
1,240.65	4,883	6,088
1,240.70	4,955	6,334
1,240.75	5,028	6,583
1,240.80	5,100	6,836
1,240.85	5,172	7,093
1,240.90	5,245	7,354
1,240.95	5,317	7,618
1,241.00	5,389	7,885
1,241.05	5,462	8,156
1,241.10	5,534	8,431
1,241.15	5,606	8,710
1,241.20	5,679	8,992
1,241.25	5,751	9,278
1,241.30	5,823	9,567
1,241.35	5,896	9,860
1,241.40	5,968	10,157
1,241.45	6,040	10,457
1,241.50	6,113	10,761
1,241.55	6,185	11,068
1,241.60	6,257	11,379
1,241.65	6,329	11,694
1,241.70	6,402	12,012
1,241.75	6,474	12,334
1,241.80	6,546	12,659
1,241.85	6,619	12,989
1,241.90	6,691	13,321
1,241.95	6,763	13,658
1,242.00	6,836	13,998
1,242.05	6,908	14,341
1,242.10	6,980	14,689
1,242.15	7,053	15,039
1,242.20	7,125	15,394
1,242.25	7,197	15,752
1,242.30	7,270	16,114
1,242.35	7,342	16,479
1,242.40	7,414	16,848
1,242.45	7,487	17,220
1,242.50	7,559	17,596
1,242.55	7,631	17,976
1,242.60	7,704	18,360
1,242.65	7,776	18,747
1,242.70	7,848	19,137
1,242.75	7,921	19,531
1,242.80	7,993	19,929
1,242.85	8,065	20,331
1,242.90	8,138	20,736
1,242.95	8,210	21,144
1,243.00	8,282	21,557
1,243.05	8,355	21,973
1,243.10	8,427	22,392
1,243.15	8,499	22,815
1,243.20	8,572	23,242
1,243.25	8,644	23,673
1,243.30	8,716	24,107
1,243.35	8,789	24,544
1,243.40	8,861	24,985
1,243.45	8,933	25,430
1,243.50	9,006	25,879
1,243.55	9,078	26,331
1,243.60	9,150	26,787
1,243.65	9,223	27,246
1,243.70	9,295	27,709
1,243.75	9,367	28,175
1,243.80	9,440	28,646
1,243.85	9,512	29,119
1,243.90	9,584	29,597
1,243.95	9,657	30,078
1,244.00	**9,729**	**30,563**

Summary for Pond P3A: Pond 3A

Inflow Area = 10.600 ac, 18.58% Impervious, Inflow Depth = 1.13" for 5 YR event
Inflow = 18.39 cfs @ 12.14 hrs, Volume= 1.001 af
Outflow = 2.63 cfs @ 12.66 hrs, Volume= 1.001 af, Atten= 86%, Lag= 31.2 min
Primary = 1.94 cfs @ 12.66 hrs, Volume= 0.381 af
Routed to Link 4L : Post - North
Secondary = 0.69 cfs @ 12.66 hrs, Volume= 0.621 af
Tertiary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,194.76' @ 12.66 hrs Surf.Area= 8,278 sf Storage= 17,153 cf

Plug-Flow detention time= 150.9 min calculated for 1.001 af (100% of inflow)
Center-of-Mass det. time= 150.9 min (996.9 - 846.0)

Volume	Invert	Avail.Storage	Storage Description
#1	1,192.00'	51,846 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

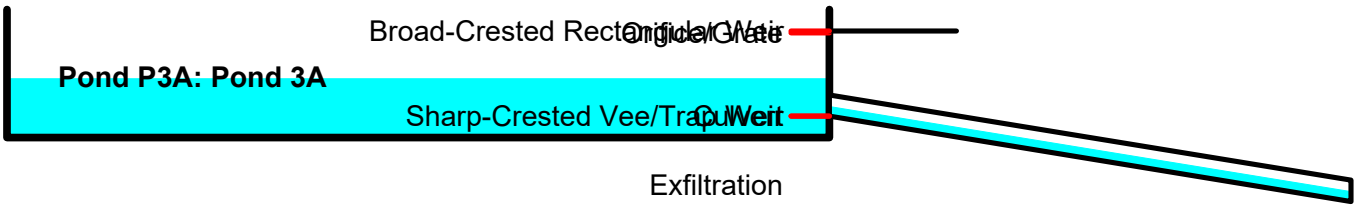
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,192.00	4,165	0	0
1,198.00	13,117	51,846	51,846

Device	Routing	Invert	Outlet Devices
#1	Primary	1,193.00'	**12.0" Round Culvert** L= 41.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,193.00' / 1,189.00' S= 0.0976 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,193.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,196.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Secondary	1,192.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,197.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

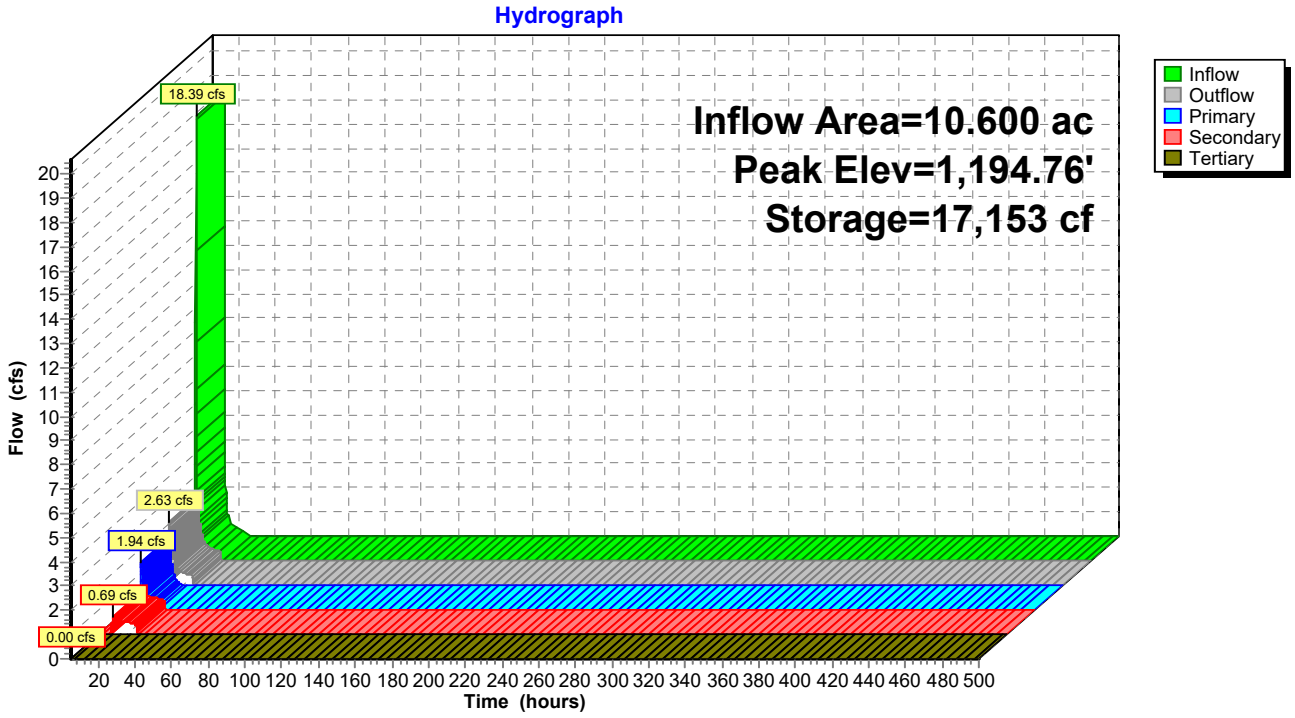
Primary OutFlow Max=1.94 cfs @ 12.66 hrs HW=1,194.76' (Free Discharge)
└**1=Culvert** (Passes 1.94 cfs of 4.24 cfs potential flow)
├**2=Sharp-Crested Vee/Trap Weir** (Weir Controls 1.94 cfs @ 3.57 fps)
└**3=Orifice/Grate** (Controls 0.00 cfs)

Secondary OutFlow Max=0.69 cfs @ 12.66 hrs HW=1,194.76' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.69 cfs)

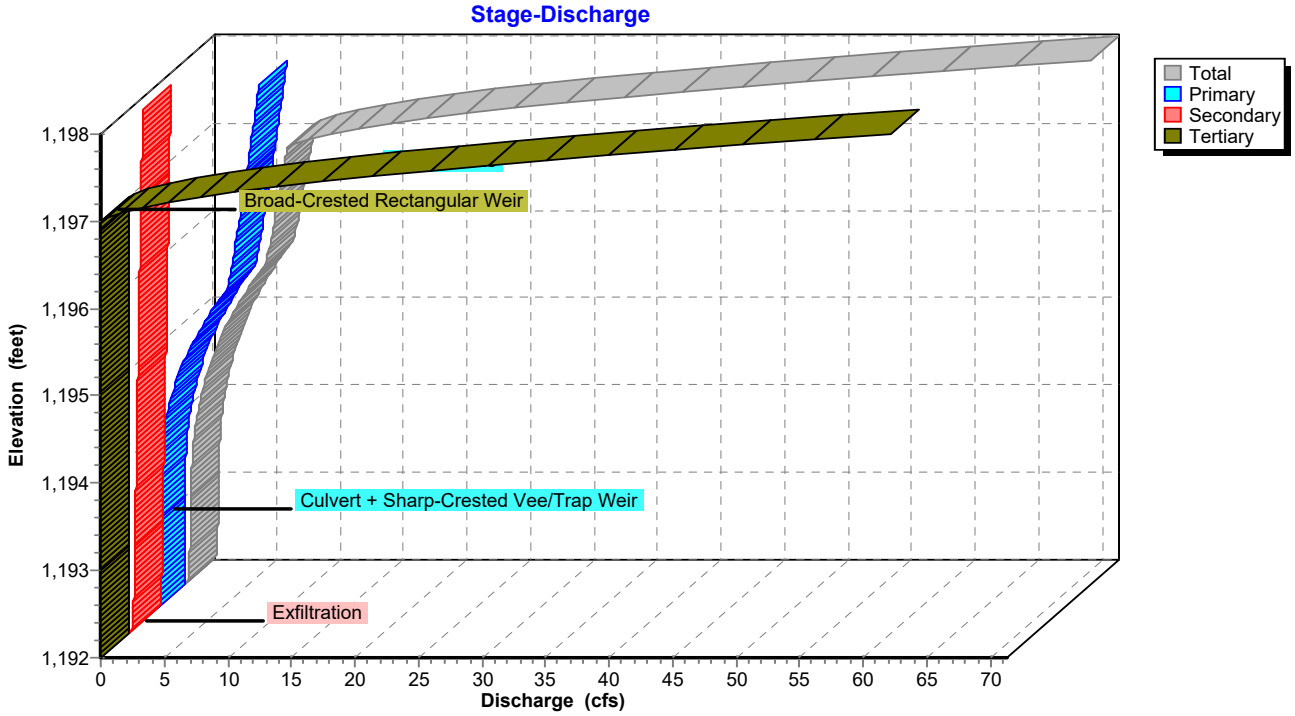
Tertiary OutFlow Max=0.00 cfs @ 5.00 hrs HW=1,192.00' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)



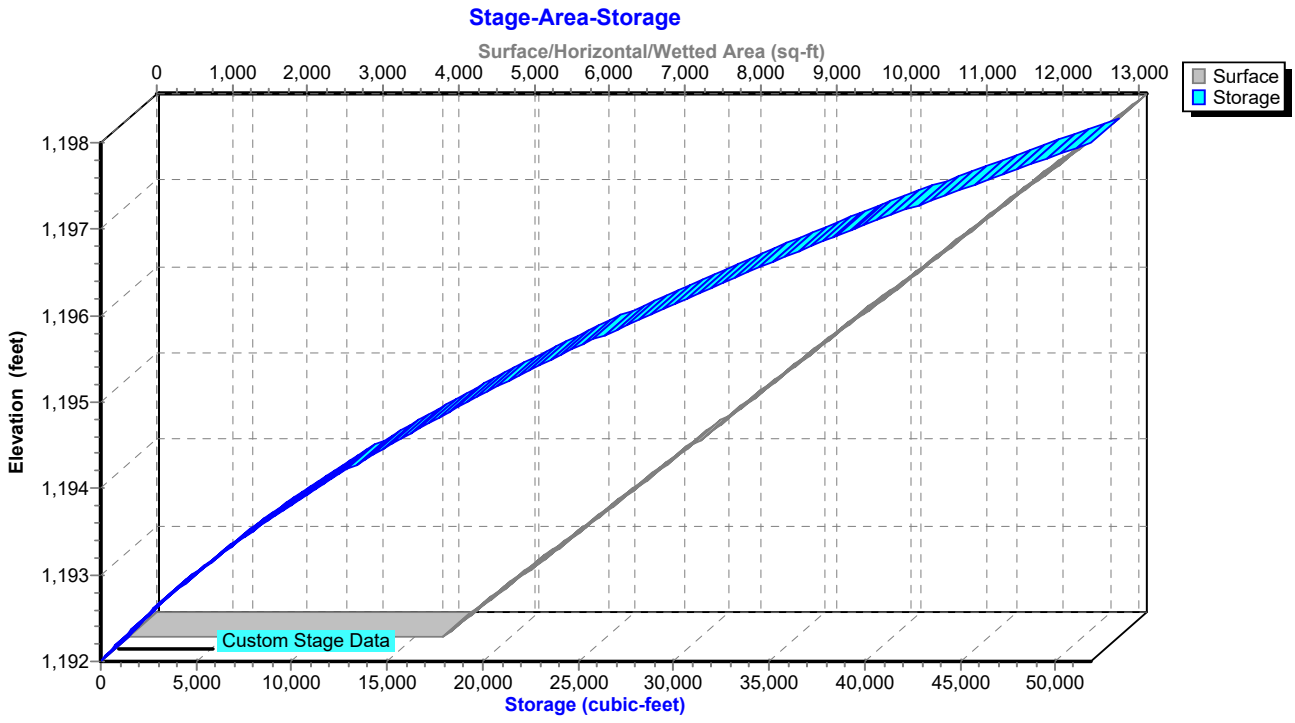
Pond P3A: Pond 3A



Pond P3A: Pond 3A



Pond P3A: Pond 3A



Hydrograph for Pond P3A: Pond 3A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,192.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**0.82**	**12,093**	**1,194.11**	**1.22**	**0.61**	**0.61**	0.00
25.00	0.00	1,378	1,192.31	0.39	0.00	0.39	0.00
35.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P3A: Pond 3A

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,192.00	0.00	0.00	0.00	0.00
1,192.20	0.37	0.00	0.37	0.00
1,192.40	0.40	0.00	0.40	0.00
1,192.60	0.42	0.00	0.42	0.00
1,192.80	0.45	0.00	0.45	0.00
1,193.00	0.47	0.00	0.47	0.00
1,193.20	0.50	0.01	0.50	0.00
1,193.40	0.57	0.05	0.52	0.00
1,193.60	0.68	0.13	0.55	0.00
1,193.80	0.84	0.27	0.57	0.00
1,194.00	1.07	0.47	0.60	0.00
1,194.20	1.37	0.75	0.62	0.00
1,194.40	1.75	1.10	0.65	0.00
1,194.60	2.21	1.54	0.67	0.00
1,194.80	2.76	2.06	0.70	0.00
1,195.00	3.40	2.68	0.72	0.00
1,195.20	4.15	3.41	0.74	0.00
1,195.40	5.00	4.23	0.77	0.00
1,195.60	5.96	5.17	0.79	0.00
1,195.80	6.55	5.74	0.82	0.00
1,196.00	6.82	5.98	0.84	0.00
1,196.20	7.08	6.21	0.87	0.00
1,196.40	7.33	6.44	0.89	0.00
1,196.60	7.58	6.66	0.92	0.00
1,196.80	7.81	6.87	0.94	0.00
1,197.00	8.04	7.07	0.97	0.00
1,197.20	12.86	7.27	0.99	4.60
1,197.40	22.27	7.47	1.02	13.78
1,197.60	36.21	7.66	1.04	27.51
1,197.80	52.33	7.84	1.07	43.42
1,198.00	**71.29**	**8.02**	**1.09**	**62.18**

Stage-Area-Storage for Pond P3A: Pond 3A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,192.00	4,165	0
1,192.10	4,314	424
1,192.20	4,463	863
1,192.30	4,613	1,317
1,192.40	4,762	1,785
1,192.50	4,911	2,269
1,192.60	5,060	2,768
1,192.70	5,209	3,281
1,192.80	5,359	3,809
1,192.90	5,508	4,353
1,193.00	5,657	4,911
1,193.10	5,806	5,484
1,193.20	5,955	6,072
1,193.30	6,105	6,675
1,193.40	6,254	7,293
1,193.50	6,403	7,926
1,193.60	6,552	8,574
1,193.70	6,701	9,236
1,193.80	6,851	9,914
1,193.90	7,000	10,607
1,194.00	7,149	11,314
1,194.10	7,298	12,036
1,194.20	7,447	12,774
1,194.30	7,597	13,526
1,194.40	7,746	14,293
1,194.50	7,895	15,075
1,194.60	8,044	15,872
1,194.70	8,193	16,684
1,194.80	8,343	17,511
1,194.90	8,492	18,352
1,195.00	8,641	19,209
1,195.10	8,790	20,081
1,195.20	8,939	20,967
1,195.30	9,089	21,868
1,195.40	9,238	22,785
1,195.50	9,387	23,716
1,195.60	9,536	24,662
1,195.70	9,685	25,623
1,195.80	9,835	26,599
1,195.90	9,984	27,590
1,196.00	10,133	28,596
1,196.10	10,282	29,617
1,196.20	10,431	30,652
1,196.30	10,581	31,703
1,196.40	10,730	32,769
1,196.50	10,879	33,849
1,196.60	11,028	34,944
1,196.70	11,177	36,055
1,196.80	11,327	37,180
1,196.90	11,476	38,320
1,197.00	11,625	39,475
1,197.10	11,774	40,645
1,197.20	11,923	41,830
1,197.30	12,073	43,030
1,197.40	12,222	44,244
1,197.50	12,371	45,474
1,197.60	12,520	46,719
1,197.70	12,669	47,978
1,197.80	12,819	49,252
1,197.90	12,968	50,542
1,198.00	**13,117**	**51,846**

Summary for Pond P3B: Pond 3B

Inflow Area = 8.450 ac, 19.88% Impervious, Inflow Depth = 1.19" for 5 YR event
Inflow = 15.52 cfs @ 12.14 hrs, Volume= 0.840 af
Outflow = 2.61 cfs @ 12.58 hrs, Volume= 0.840 af, Atten= 83%, Lag= 26.5 min
Primary = 2.01 cfs @ 12.58 hrs, Volume= 0.345 af
Routed to Link 4L : Post - North
Secondary = 0.60 cfs @ 12.58 hrs, Volume= 0.495 af
Tertiary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,197.78' @ 12.58 hrs Surf.Area= 7,241 sf Storage= 13,957 cf

Plug-Flow detention time= 133.6 min calculated for 0.840 af (100% of inflow)
Center-of-Mass det. time= 133.6 min (976.9 - 843.3)

Volume	Invert	Avail.Storage	Storage Description
#1	1,195.00'	33,965 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

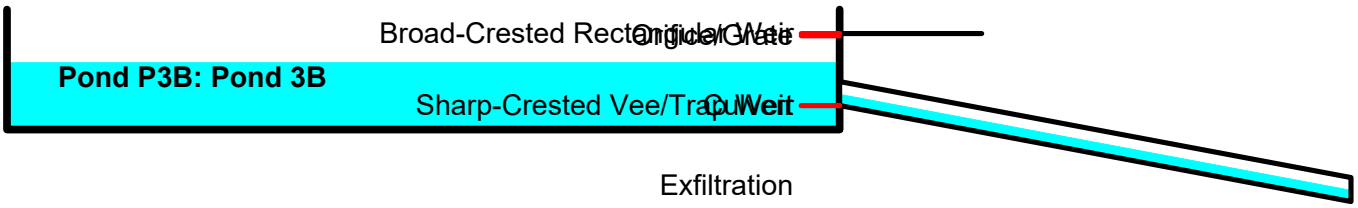
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,195.00	2,799	0	0
1,200.00	10,787	33,965	33,965

Device	Routing	Invert	Outlet Devices
#1	Primary	1,196.00'	**12.0" Round Culvert** L= 36.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,196.00' / 1,192.00' S= 0.1111 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,196.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,198.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Secondary	1,195.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,199.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

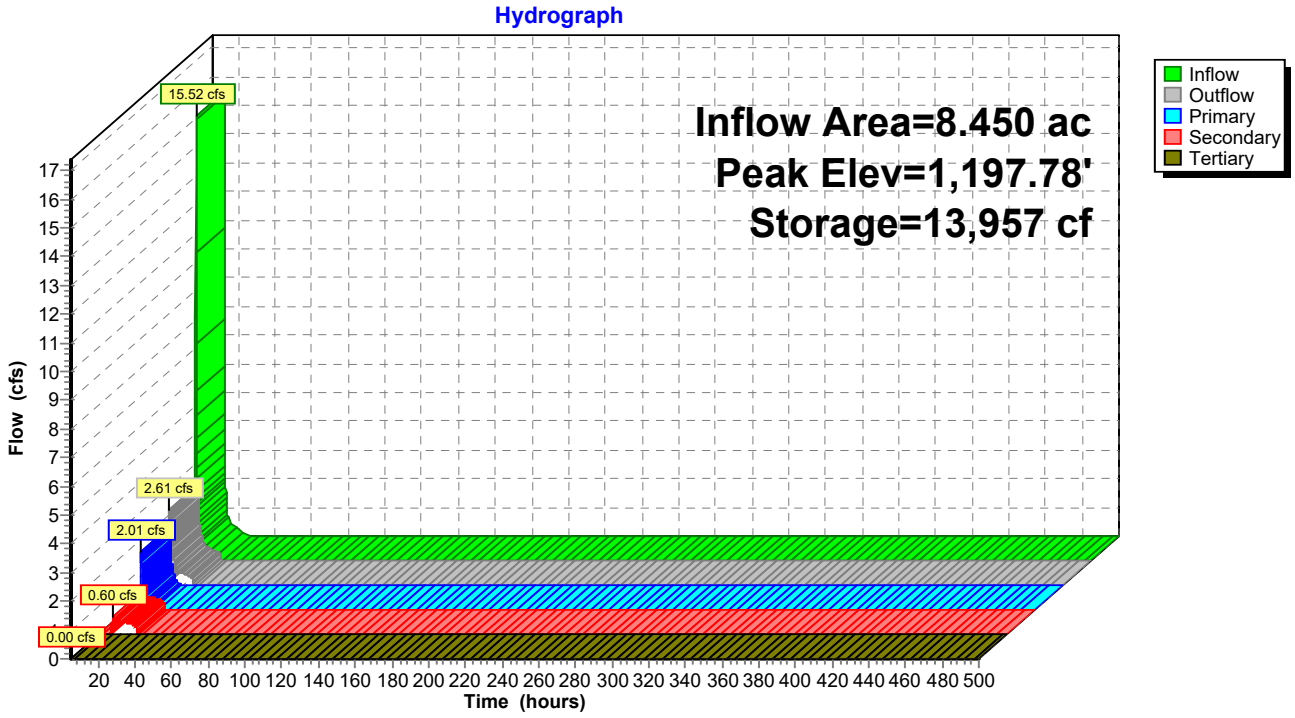
Primary OutFlow Max=2.00 cfs @ 12.58 hrs HW=1,197.78' (Free Discharge)
└**1=Culvert** (Passes 2.00 cfs of 4.28 cfs potential flow)
├**2=Sharp-Crested Vee/Trap Weir** (Weir Controls 2.00 cfs @ 3.59 fps)
└**3=Orifice/Grate** (Controls 0.00 cfs)

Secondary OutFlow Max=0.60 cfs @ 12.58 hrs HW=1,197.78' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.60 cfs)

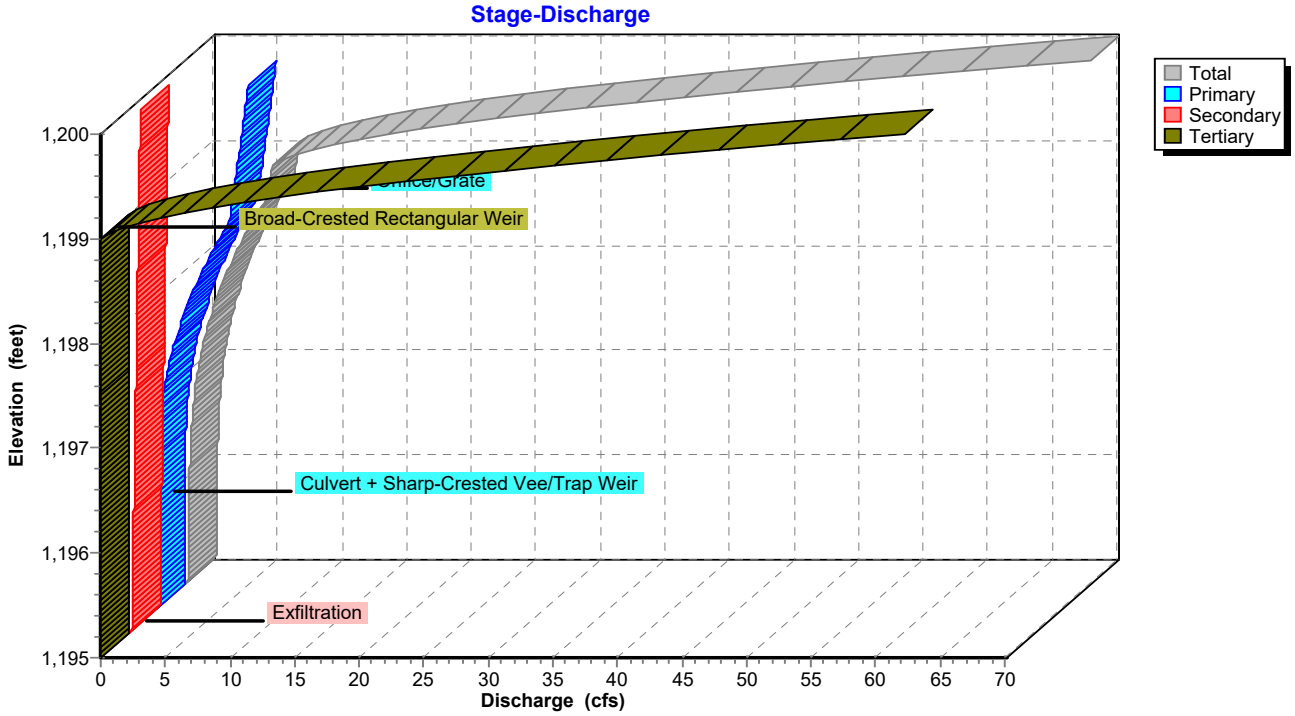
Tertiary OutFlow Max=0.00 cfs @ 5.00 hrs HW=1,195.00' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)



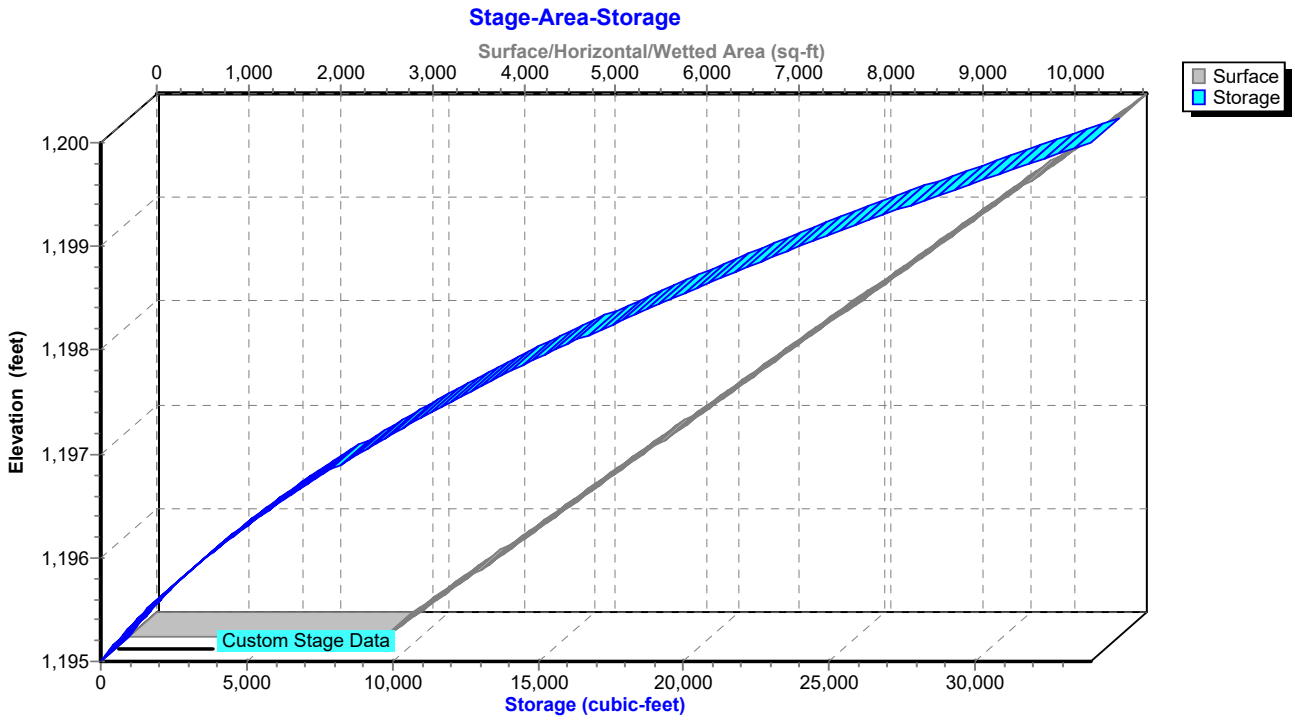
Pond P3B: Pond 3B



Pond P3B: Pond 3B



Pond P3B: Pond 3B



Hydrograph for Pond P3B: Pond 3B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,195.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**0.68**	**8,900**	**1,197.02**	**1.00**	**0.50**	**0.50**	0.00
25.00	0.00	936	1,195.31	0.27	0.00	0.27	0.00
35.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P3B: Pond 3B

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,195.00	0.00	0.00	0.00	0.00
1,195.10	0.25	0.00	0.25	0.00
1,195.20	0.26	0.00	0.26	0.00
1,195.30	0.27	0.00	0.27	0.00
1,195.40	0.29	0.00	0.29	0.00
1,195.50	0.30	0.00	0.30	0.00
1,195.60	0.31	0.00	0.31	0.00
1,195.70	0.33	0.00	0.33	0.00
1,195.80	0.34	0.00	0.34	0.00
1,195.90	0.35	0.00	0.35	0.00
1,196.00	0.37	0.00	0.37	0.00
1,196.10	0.38	0.00	0.38	0.00
1,196.20	0.40	0.01	0.39	0.00
1,196.30	0.43	0.02	0.41	0.00
1,196.40	0.47	0.05	0.42	0.00
1,196.50	0.52	0.08	0.43	0.00
1,196.60	0.58	0.13	0.45	0.00
1,196.70	0.65	0.19	0.46	0.00
1,196.80	0.74	0.27	0.47	0.00
1,196.90	0.85	0.36	0.49	0.00
1,197.00	0.97	0.47	0.50	0.00
1,197.10	1.11	0.60	0.51	0.00
1,197.20	1.27	0.75	0.53	0.00
1,197.30	1.45	0.91	0.54	0.00
1,197.40	1.65	1.10	0.55	0.00
1,197.50	1.87	1.31	0.57	0.00
1,197.60	2.12	1.54	0.58	0.00
1,197.70	2.38	1.79	0.59	0.00
1,197.80	2.67	2.06	0.61	0.00
1,197.90	2.98	2.36	0.62	0.00
1,198.00	3.32	2.68	0.63	0.00
1,198.10	3.68	3.03	0.65	0.00
1,198.20	4.06	3.41	0.66	0.00
1,198.30	4.48	3.81	0.67	0.00
1,198.40	4.92	4.23	0.69	0.00
1,198.50	5.39	4.69	0.70	0.00
1,198.60	5.88	5.17	0.71	0.00
1,198.70	6.33	5.61	0.73	0.00
1,198.80	6.47	5.74	0.74	0.00
1,198.90	6.61	5.86	0.75	0.00
1,199.00	6.75	5.98	0.77	0.00
1,199.10	8.48	6.10	0.78	1.60
1,199.20	11.60	6.21	0.79	4.60
1,199.30	15.83	6.33	0.81	8.70
1,199.40	21.04	6.44	0.82	13.78
1,199.50	27.47	6.55	0.83	20.08
1,199.60	35.01	6.66	0.85	27.51
1,199.70	42.73	6.76	0.86	35.10
1,199.80	51.17	6.87	0.87	43.42
1,199.90	60.31	6.97	0.89	52.45
1,200.00	**70.15**	**7.07**	**0.90**	**62.18**

Stage-Area-Storage for Pond P3B: Pond 3B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,195.00	2,799	0
1,195.05	2,879	142
1,195.10	2,959	288
1,195.15	3,039	438
1,195.20	3,119	592
1,195.25	3,198	750
1,195.30	3,278	912
1,195.35	3,358	1,078
1,195.40	3,438	1,247
1,195.45	3,518	1,421
1,195.50	3,598	1,599
1,195.55	3,678	1,781
1,195.60	3,758	1,967
1,195.65	3,837	2,157
1,195.70	3,917	2,351
1,195.75	3,997	2,549
1,195.80	4,077	2,750
1,195.85	4,157	2,956
1,195.90	4,237	3,166
1,195.95	4,317	3,380
1,196.00	4,397	3,598
1,196.05	4,476	3,820
1,196.10	4,556	4,045
1,196.15	4,636	4,275
1,196.20	4,716	4,509
1,196.25	4,796	4,747
1,196.30	4,876	4,989
1,196.35	4,956	5,234
1,196.40	5,036	5,484
1,196.45	5,116	5,738
1,196.50	5,195	5,996
1,196.55	5,275	6,258
1,196.60	5,355	6,523
1,196.65	5,435	6,793
1,196.70	5,515	7,067
1,196.75	5,595	7,345
1,196.80	5,675	7,626
1,196.85	5,755	7,912
1,196.90	5,834	8,202
1,196.95	5,914	8,495
1,197.00	5,994	8,793
1,197.05	6,074	9,095
1,197.10	6,154	9,401
1,197.15	6,234	9,710
1,197.20	6,314	10,024
1,197.25	6,394	10,342
1,197.30	6,473	10,663
1,197.35	6,553	10,989
1,197.40	6,633	11,319
1,197.45	6,713	11,652
1,197.50	6,793	11,990
1,197.55	6,873	12,332
1,197.60	6,953	12,677
1,197.65	7,033	13,027
1,197.70	7,113	13,381
1,197.75	7,192	13,738
1,197.80	7,272	14,100
1,197.85	7,352	14,465
1,197.90	7,432	14,835
1,197.95	7,512	15,209
1,198.00	7,592	15,586
1,198.05	7,672	15,968
1,198.10	7,752	16,353
1,198.15	7,831	16,743
1,198.20	7,911	17,137
1,198.25	7,991	17,534
1,198.30	8,071	17,936
1,198.35	8,151	18,341
1,198.40	8,231	18,751
1,198.45	8,311	19,164
1,198.50	8,391	19,582
1,198.55	8,470	20,003
1,198.60	8,550	20,429
1,198.65	8,630	20,858
1,198.70	8,710	21,292
1,198.75	8,790	21,729
1,198.80	8,870	22,171
1,198.85	8,950	22,616
1,198.90	9,030	23,066
1,198.95	9,110	23,519
1,199.00	9,189	23,977
1,199.05	9,269	24,438
1,199.10	9,349	24,904
1,199.15	9,429	25,373
1,199.20	9,509	25,847
1,199.25	9,589	26,324
1,199.30	9,669	26,806
1,199.35	9,749	27,291
1,199.40	9,828	27,780
1,199.45	9,908	28,274
1,199.50	9,988	28,771
1,199.55	10,068	29,273
1,199.60	10,148	29,778
1,199.65	10,228	30,287
1,199.70	10,308	30,801
1,199.75	10,388	31,318
1,199.80	10,467	31,840
1,199.85	10,547	32,365
1,199.90	10,627	32,894
1,199.95	10,707	33,428
1,200.00	**10,787**	**33,965**

Summary for Pond P3C: Pond 3C

Inflow Area = 2.490 ac, 22.89% Impervious, Inflow Depth = 1.45" for 5 YR event
Inflow = 5.62 cfs @ 12.14 hrs, Volume= 0.300 af
Outflow = 0.73 cfs @ 12.67 hrs, Volume= 0.300 af, Atten= 87%, Lag= 31.9 min
Primary = 0.42 cfs @ 12.67 hrs, Volume= 0.067 af
Routed to Link 4L : Post - North
Secondary = 0.31 cfs @ 12.67 hrs, Volume= 0.233 af
Tertiary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,179.96' @ 12.67 hrs Surf.Area= 3,672 sf Storage= 5,454 cf

Plug-Flow detention time= 135.6 min calculated for 0.300 af (100% of inflow)
Center-of-Mass det. time= 135.6 min (968.8 - 833.2)

Volume	Invert	Avail.Storage	Storage Description
#1	1,178.00'	14,846 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

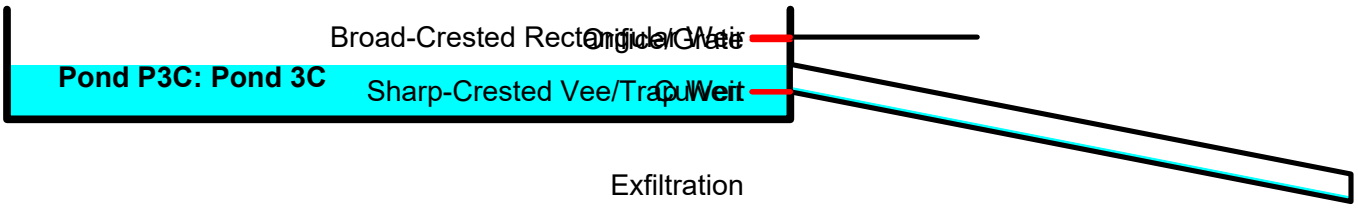
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,178.00	1,905	0	0
1,182.00	5,518	14,846	14,846

Device	Routing	Invert	Outlet Devices
#1	Primary	1,179.00'	**12.0" Round Culvert** L= 30.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,179.00' / 1,175.00' S= 0.1333 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,179.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,180.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Secondary	1,178.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,181.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

Primary OutFlow Max=0.42 cfs @ 12.67 hrs HW=1,179.96' (Free Discharge)
└**1=Culvert** (Passes 0.42 cfs of 2.57 cfs potential flow)
├**2=Sharp-Crested Vee/Trap Weir** (Weir Controls 0.42 cfs @ 2.63 fps)
└**3=Orifice/Grate** (Controls 0.00 cfs)

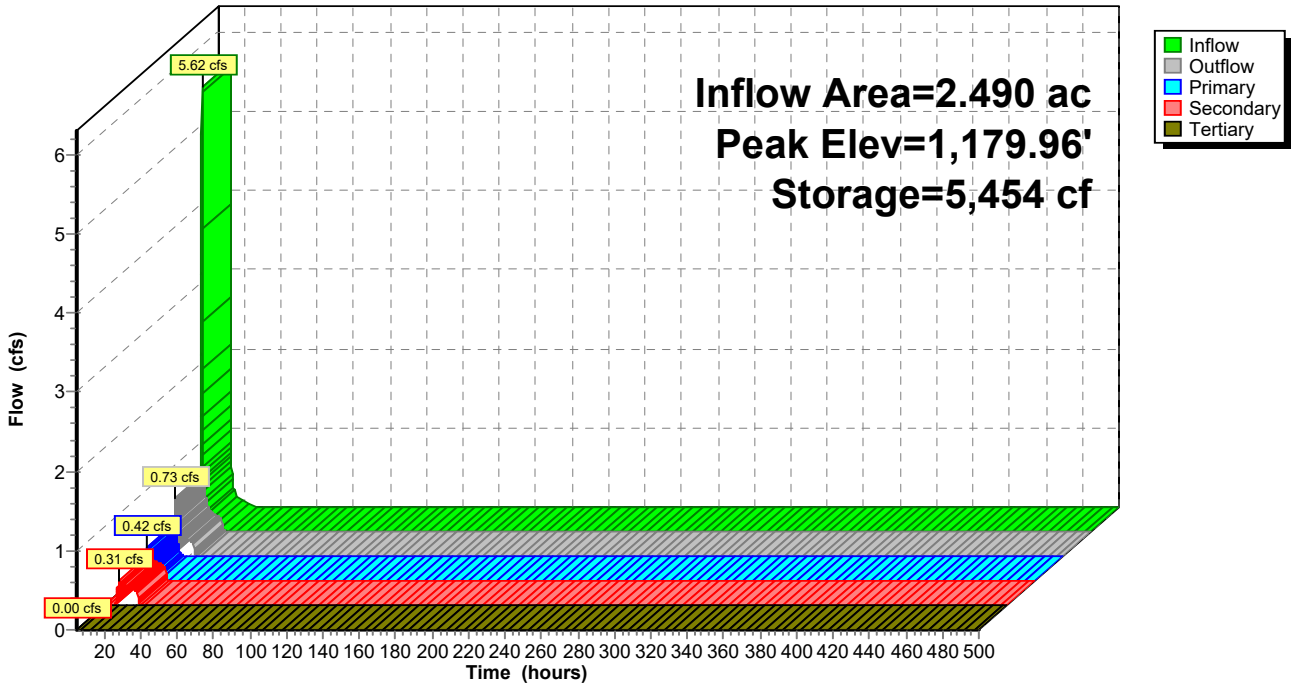
Secondary OutFlow Max=0.31 cfs @ 12.67 hrs HW=1,179.96' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.31 cfs)

Tertiary OutFlow Max=0.00 cfs @ 5.00 hrs HW=1,178.00' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)

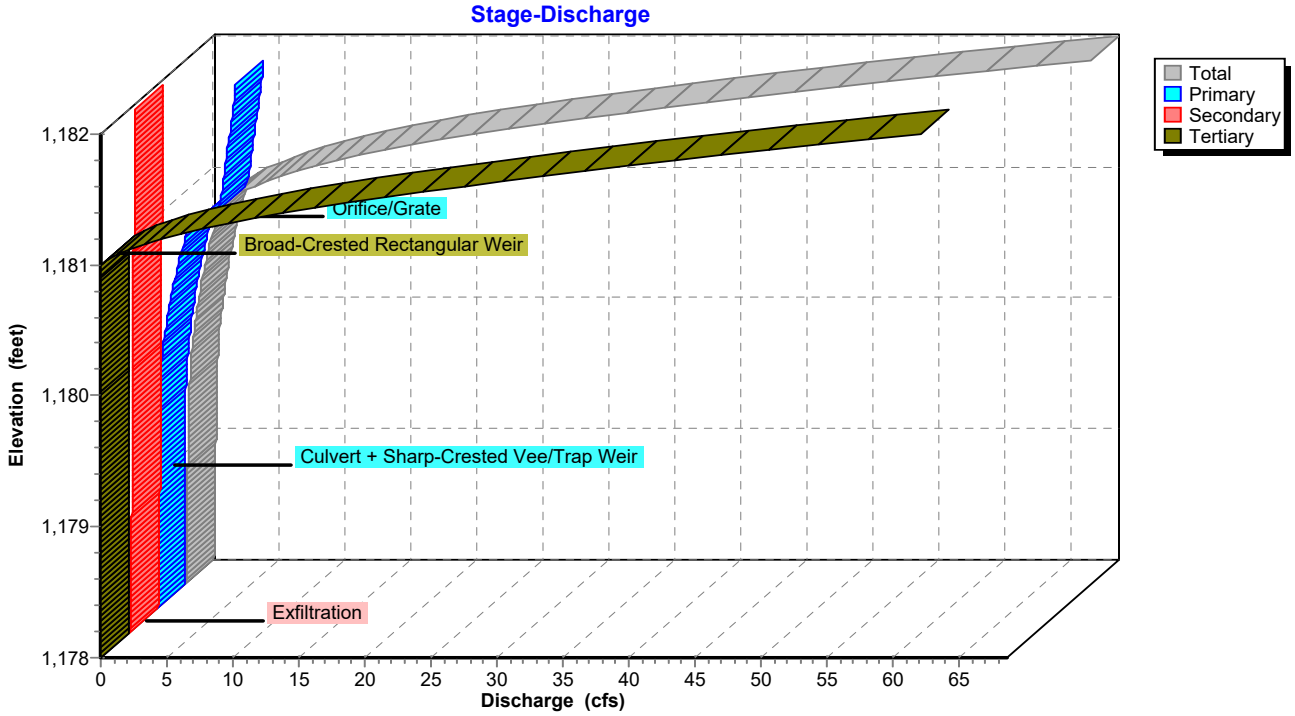


Pond P3C: Pond 3C

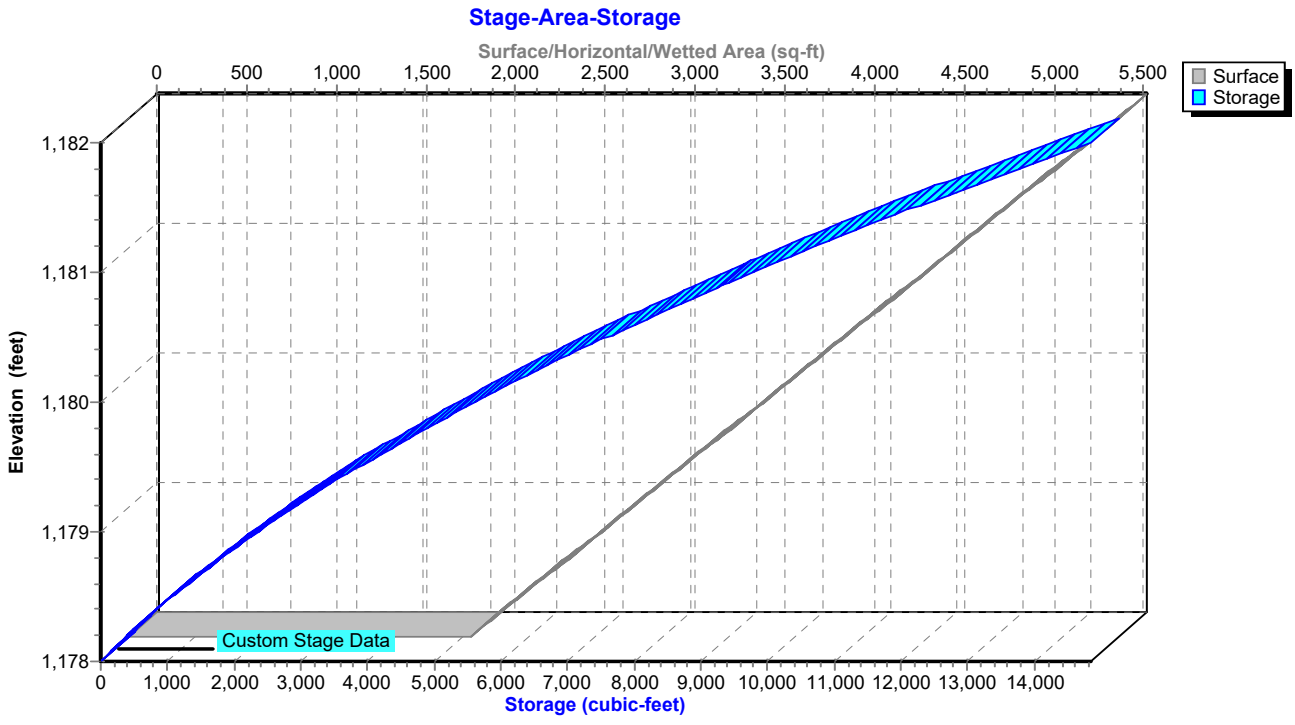
Hydrograph



Pond P3C: Pond 3C



Pond P3C: Pond 3C



Hydrograph for Pond P3C: Pond 3C

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,178.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**0.22**	**3,926**	**1,179.52**	**0.36**	**0.09**	**0.27**	0.00
25.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
35.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P3C: Pond 3C

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,178.00	0.00	0.00	0.00	0.00
1,178.10	0.17	0.00	0.17	0.00
1,178.20	0.17	0.00	0.17	0.00
1,178.30	0.18	0.00	0.18	0.00
1,178.40	0.19	0.00	0.19	0.00
1,178.50	0.20	0.00	0.20	0.00
1,178.60	0.20	0.00	0.20	0.00
1,178.70	0.21	0.00	0.21	0.00
1,178.80	0.22	0.00	0.22	0.00
1,178.90	0.23	0.00	0.23	0.00
1,179.00	0.23	0.00	0.23	0.00
1,179.10	0.24	0.00	0.24	0.00
1,179.20	0.26	0.01	0.25	0.00
1,179.30	0.28	0.02	0.26	0.00
1,179.40	0.31	0.05	0.26	0.00
1,179.50	0.36	0.08	0.27	0.00
1,179.60	0.41	0.13	0.28	0.00
1,179.70	0.48	0.19	0.29	0.00
1,179.80	0.57	0.27	0.29	0.00
1,179.90	0.67	0.36	0.30	0.00
1,180.00	0.78	0.47	0.31	0.00
1,180.10	0.92	0.60	0.32	0.00
1,180.20	1.07	0.75	0.32	0.00
1,180.30	1.25	0.91	0.33	0.00
1,180.40	1.44	1.10	0.34	0.00
1,180.50	1.65	1.31	0.35	0.00
1,180.60	1.89	1.54	0.35	0.00
1,180.70	2.15	1.79	0.36	0.00
1,180.80	2.43	2.06	0.37	0.00
1,180.90	2.74	2.36	0.38	0.00
1,181.00	4.10	3.72	0.38	0.00
1,181.10	6.78	4.78	0.39	1.60
1,181.20	9.93	4.93	0.40	4.60
1,181.30	14.18	5.07	0.41	8.70
1,181.40	19.41	5.21	0.41	13.78
1,181.50	25.85	5.35	0.42	20.08
1,181.60	33.42	5.48	0.43	27.51
1,181.70	41.15	5.61	0.44	35.10
1,181.80	49.60	5.74	0.44	43.42
1,181.90	58.76	5.86	0.45	52.45
1,182.00	**68.62**	**5.98**	**0.46**	**62.18**

Stage-Area-Storage for Pond P3C: Pond 3C

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,178.00	1,905	0
1,178.05	1,950	96
1,178.10	1,995	195
1,178.15	2,040	296
1,178.20	2,086	399
1,178.25	2,131	504
1,178.30	2,176	612
1,178.35	2,221	722
1,178.40	2,266	834
1,178.45	2,311	949
1,178.50	2,357	1,065
1,178.55	2,402	1,184
1,178.60	2,447	1,306
1,178.65	2,492	1,429
1,178.70	2,537	1,555
1,178.75	2,582	1,683
1,178.80	2,628	1,813
1,178.85	2,673	1,946
1,178.90	2,718	2,080
1,178.95	2,763	2,217
1,179.00	2,808	2,357
1,179.05	2,853	2,498
1,179.10	2,899	2,642
1,179.15	2,944	2,788
1,179.20	2,989	2,936
1,179.25	3,034	3,087
1,179.30	3,079	3,240
1,179.35	3,124	3,395
1,179.40	3,170	3,552
1,179.45	3,215	3,712
1,179.50	3,260	3,874
1,179.55	3,305	4,038
1,179.60	3,350	4,204
1,179.65	3,395	4,373
1,179.70	3,441	4,544
1,179.75	3,486	4,717
1,179.80	3,531	4,892
1,179.85	3,576	5,070
1,179.90	3,621	5,250
1,179.95	3,666	5,432
1,180.00	3,712	5,617
1,180.05	3,757	5,803
1,180.10	3,802	5,992
1,180.15	3,847	6,183
1,180.20	3,892	6,377
1,180.25	3,937	6,573
1,180.30	3,982	6,771
1,180.35	4,028	6,971
1,180.40	4,073	7,173
1,180.45	4,118	7,378
1,180.50	4,163	7,585
1,180.55	4,208	7,794
1,180.60	4,253	8,006
1,180.65	4,299	8,220
1,180.70	4,344	8,436
1,180.75	4,389	8,654
1,180.80	4,434	8,875
1,180.85	4,479	9,098
1,180.90	4,524	9,323
1,180.95	4,570	9,550
1,181.00	4,615	9,780
1,181.05	4,660	10,011
1,181.10	4,705	10,246
1,181.15	4,750	10,482
1,181.20	4,795	10,721
1,181.25	4,841	10,962
1,181.30	4,886	11,205
1,181.35	4,931	11,450
1,181.40	4,976	11,698
1,181.45	5,021	11,948
1,181.50	5,066	12,200
1,181.55	5,112	12,454
1,181.60	5,157	12,711
1,181.65	5,202	12,970
1,181.70	5,247	13,231
1,181.75	5,292	13,495
1,181.80	5,337	13,760
1,181.85	5,383	14,028
1,181.90	5,428	14,299
1,181.95	5,473	14,571
1,182.00	**5,518**	**14,846**

Summary for Pond P3D: Pond 3D

Inflow Area = 2.380 ac, 23.95% Impervious, Inflow Depth = 1.51" for 5 YR event
Inflow = 5.64 cfs @ 12.14 hrs, Volume= 0.300 af
Outflow = 1.92 cfs @ 12.32 hrs, Volume= 0.300 af, Atten= 66%, Lag= 11.2 min
Primary = 1.72 cfs @ 12.32 hrs, Volume= 0.153 af
Routed to Link 4L : Post - North
Secondary = 0.20 cfs @ 12.32 hrs, Volume= 0.147 af
Tertiary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,189.67' @ 12.32 hrs Surf.Area= 2,434 sf Storage= 4,243 cf

Plug-Flow detention time= 90.2 min calculated for 0.300 af (100% of inflow)
Center-of-Mass det. time= 90.2 min (920.9 - 830.7)

Volume	Invert	Avail.Storage	Storage Description
#1	1,187.00'	11,620 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

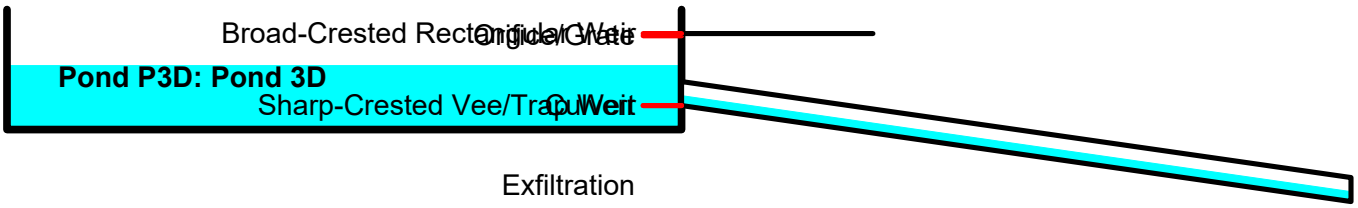
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,187.00	741	0	0
1,192.00	3,907	11,620	11,620

Device	Routing	Invert	Outlet Devices
#1	Primary	1,188.00'	**12.0" Round Culvert** L= 35.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,188.00' / 1,184.00' S= 0.1143 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,188.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,190.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600
#4	Secondary	1,187.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,191.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

Primary OutFlow Max=1.71 cfs @ 12.32 hrs HW=1,189.67' (Free Discharge)
└**1=Culvert** (Passes 1.71 cfs of 4.09 cfs potential flow)
  ├**2=Sharp-Crested Vee/Trap Weir** (Weir Controls 1.71 cfs @ 3.47 fps)
  └**3=Orifice/Grate** (Controls 0.00 cfs)

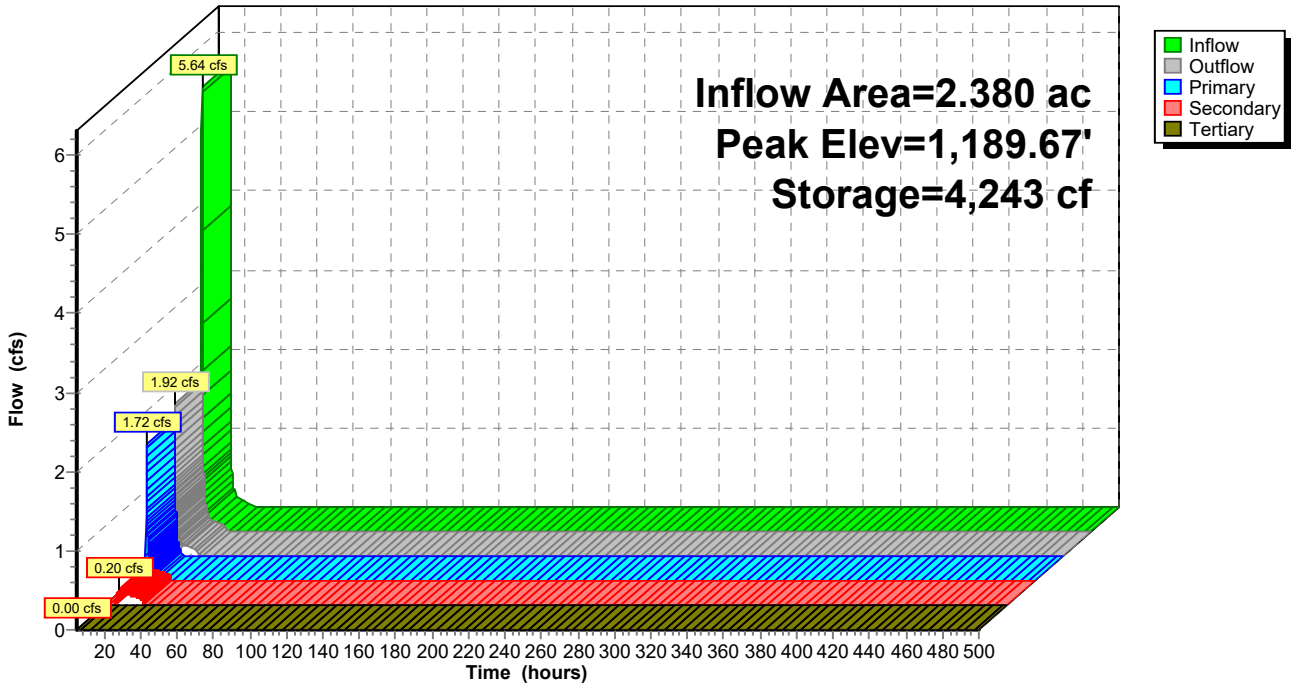
Secondary OutFlow Max=0.20 cfs @ 12.32 hrs HW=1,189.67' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.20 cfs)

Tertiary OutFlow Max=0.00 cfs @ 5.00 hrs HW=1,187.00' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)

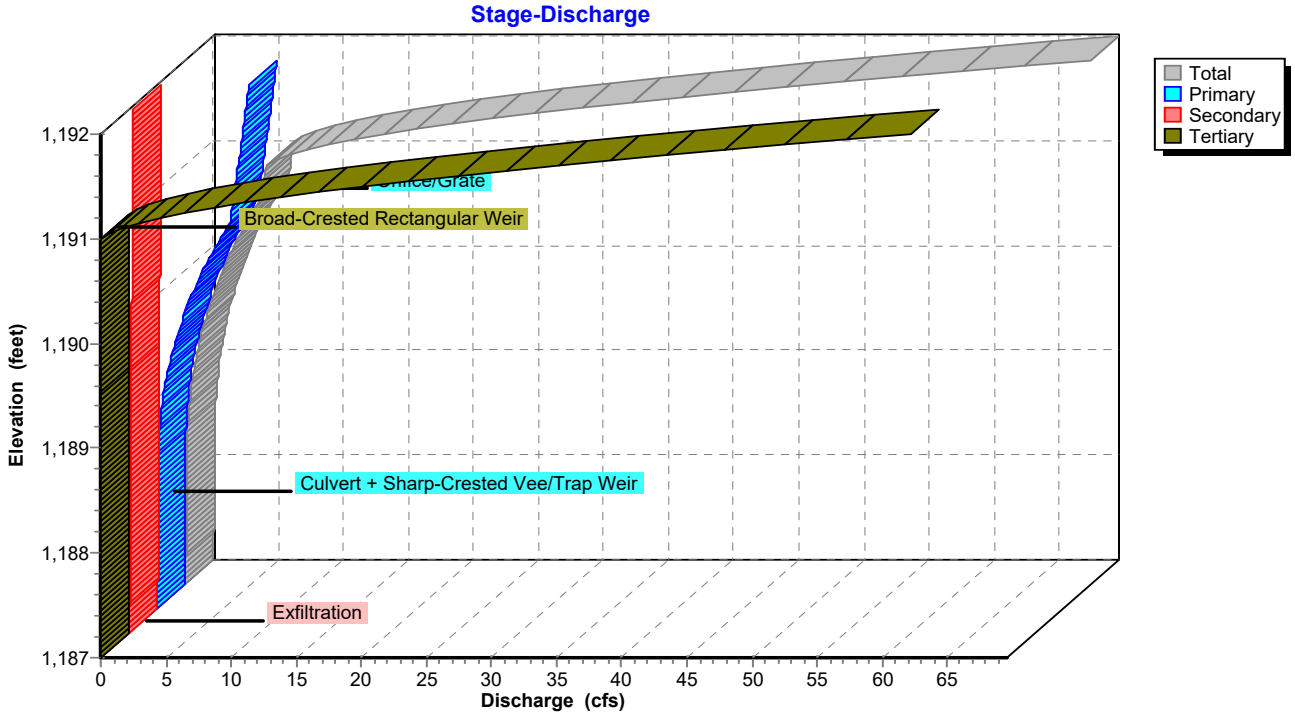


Pond P3D: Pond 3D

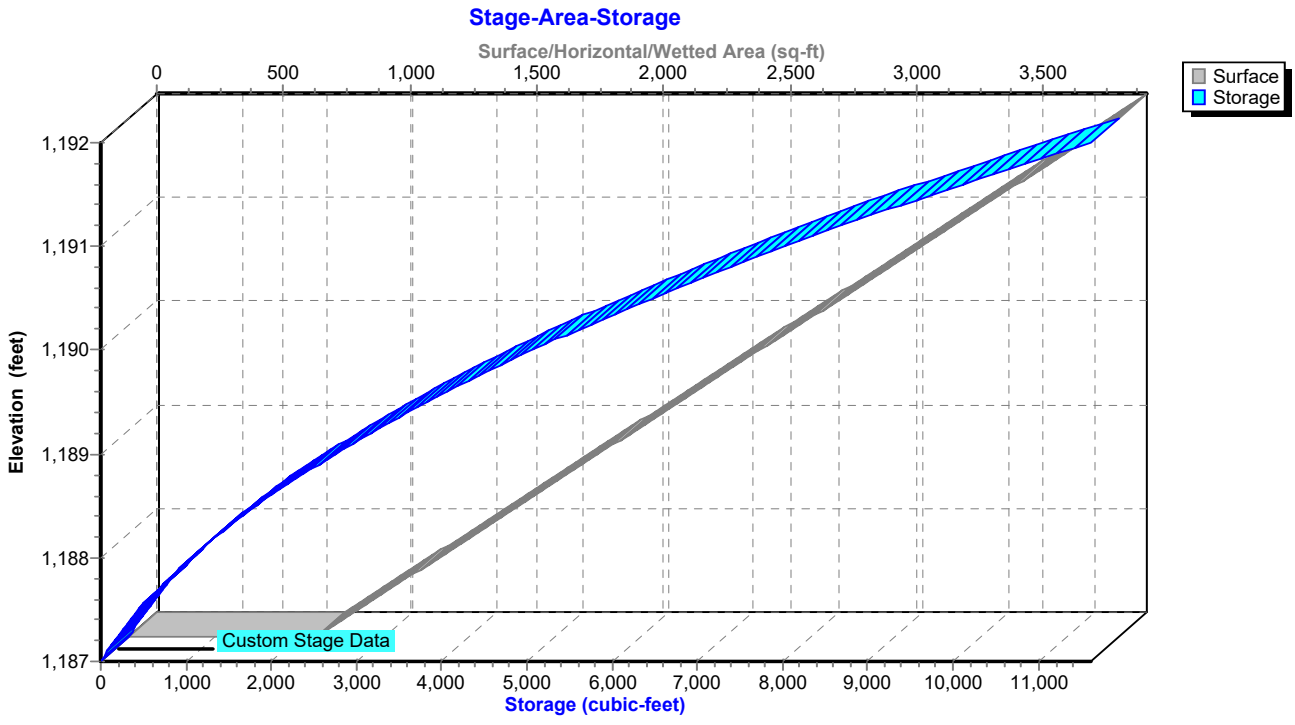
Hydrograph



Pond P3D: Pond 3D



Pond P3D: Pond 3D



Hydrograph for Pond P3D: Pond 3D

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,187.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**0.22**	**1,976**	**1,188.59**	**0.27**	**0.13**	**0.15**	0.00
25.00	0.00	155	1,187.19	0.07	0.00	0.07	0.00
35.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P3D: Pond 3D

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,187.00	0.00	0.00	0.00	0.00
1,187.10	0.07	0.00	0.07	0.00
1,187.20	0.07	0.00	0.07	0.00
1,187.30	0.08	0.00	0.08	0.00
1,187.40	0.08	0.00	0.08	0.00
1,187.50	0.09	0.00	0.09	0.00
1,187.60	0.09	0.00	0.09	0.00
1,187.70	0.10	0.00	0.10	0.00
1,187.80	0.10	0.00	0.10	0.00
1,187.90	0.11	0.00	0.11	0.00
1,188.00	0.11	0.00	0.11	0.00
1,188.10	0.12	0.00	0.12	0.00
1,188.20	0.13	0.01	0.13	0.00
1,188.30	0.15	0.02	0.13	0.00
1,188.40	0.18	0.05	0.14	0.00
1,188.50	0.22	0.08	0.14	0.00
1,188.60	0.28	0.13	0.15	0.00
1,188.70	0.35	0.19	0.15	0.00
1,188.80	0.43	0.27	0.16	0.00
1,188.90	0.53	0.36	0.16	0.00
1,189.00	0.64	0.47	0.17	0.00
1,189.10	0.77	0.60	0.17	0.00
1,189.20	0.93	0.75	0.18	0.00
1,189.30	1.10	0.91	0.18	0.00
1,189.40	1.29	1.10	0.19	0.00
1,189.50	1.50	1.31	0.19	0.00
1,189.60	1.73	1.54	0.20	0.00
1,189.70	1.99	1.79	0.20	0.00
1,189.80	2.27	2.06	0.21	0.00
1,189.90	2.58	2.36	0.21	0.00
1,190.00	2.90	2.68	0.22	0.00
1,190.10	3.26	3.03	0.23	0.00
1,190.20	3.64	3.41	0.23	0.00
1,190.30	4.04	3.81	0.24	0.00
1,190.40	4.47	4.23	0.24	0.00
1,190.50	4.93	4.69	0.25	0.00
1,190.60	5.42	5.17	0.25	0.00
1,190.70	5.87	5.61	0.26	0.00
1,190.80	6.00	5.74	0.26	0.00
1,190.90	6.13	5.86	0.27	0.00
1,191.00	6.25	5.98	0.27	0.00
1,191.10	7.98	6.10	0.28	1.60
1,191.20	11.09	6.21	0.28	4.60
1,191.30	15.31	6.33	0.29	8.70
1,191.40	20.52	6.44	0.29	13.78
1,191.50	26.93	6.55	0.30	20.08
1,191.60	34.47	6.66	0.30	27.51
1,191.70	42.18	6.76	0.31	35.10
1,191.80	50.61	6.87	0.32	43.42
1,191.90	59.75	6.97	0.32	52.45
1,192.00	**69.58**	**7.07**	**0.33**	**62.18**

Stage-Area-Storage for Pond P3D: Pond 3D

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,187.00	741	0
1,187.05	773	38
1,187.10	804	77
1,187.15	836	118
1,187.20	868	161
1,187.25	899	205
1,187.30	931	251
1,187.35	963	298
1,187.40	994	347
1,187.45	1,026	398
1,187.50	1,058	450
1,187.55	1,089	503
1,187.60	1,121	559
1,187.65	1,153	615
1,187.70	1,184	674
1,187.75	1,216	734
1,187.80	1,248	795
1,187.85	1,279	859
1,187.90	1,311	923
1,187.95	1,343	990
1,188.00	1,374	1,058
1,188.05	1,406	1,127
1,188.10	1,438	1,198
1,188.15	1,469	1,271
1,188.20	1,501	1,345
1,188.25	1,533	1,421
1,188.30	1,564	1,498
1,188.35	1,596	1,577
1,188.40	1,627	1,658
1,188.45	1,659	1,740
1,188.50	1,691	1,824
1,188.55	1,722	1,909
1,188.60	1,754	1,996
1,188.65	1,786	2,085
1,188.70	1,817	2,175
1,188.75	1,849	2,266
1,188.80	1,881	2,360
1,188.85	1,912	2,454
1,188.90	1,944	2,551
1,188.95	1,976	2,649
1,189.00	2,007	2,748
1,189.05	2,039	2,850
1,189.10	2,071	2,952
1,189.15	2,102	3,057
1,189.20	2,134	3,163
1,189.25	2,166	3,270
1,189.30	2,197	3,379
1,189.35	2,229	3,490
1,189.40	2,261	3,602
1,189.45	2,292	3,716
1,189.50	2,324	3,831
1,189.55	2,356	3,948
1,189.60	2,387	4,067
1,189.65	2,419	4,187
1,189.70	2,451	4,309
1,189.75	2,482	4,432
1,189.80	2,514	4,557
1,189.85	2,546	4,683
1,189.90	2,577	4,812
1,189.95	2,609	4,941
1,190.00	2,641	5,072
1,190.05	2,672	5,205
1,190.10	2,704	5,340
1,190.15	2,736	5,476
1,190.20	2,767	5,613
1,190.25	2,799	5,752
1,190.30	2,831	5,893
1,190.35	2,862	6,035
1,190.40	2,894	6,179
1,190.45	2,926	6,325
1,190.50	2,957	6,472
1,190.55	2,989	6,621
1,190.60	3,021	6,771
1,190.65	3,052	6,923
1,190.70	3,084	7,076
1,190.75	3,116	7,231
1,190.80	3,147	7,388
1,190.85	3,179	7,546
1,190.90	3,210	7,705
1,190.95	3,242	7,867
1,191.00	3,274	8,030
1,191.05	3,305	8,194
1,191.10	3,337	8,360
1,191.15	3,369	8,528
1,191.20	3,400	8,697
1,191.25	3,432	8,868
1,191.30	3,464	9,040
1,191.35	3,495	9,214
1,191.40	3,527	9,390
1,191.45	3,559	9,567
1,191.50	3,590	9,746
1,191.55	3,622	9,926
1,191.60	3,654	10,108
1,191.65	3,685	10,291
1,191.70	3,717	10,476
1,191.75	3,749	10,663
1,191.80	3,780	10,851
1,191.85	3,812	11,041
1,191.90	3,844	11,232
1,191.95	3,875	11,425
1,192.00	**3,907**	**11,620**

Summary for Pond P3E: Pond 3E

Inflow Area = 2.780 ac, 19.06% Impervious, Inflow Depth = 1.38" for 5 YR event
Inflow = 5.98 cfs @ 12.14 hrs, Volume= 0.320 af
Outflow = 0.67 cfs @ 12.92 hrs, Volume= 0.320 af, Atten= 89%, Lag= 47.0 min
Primary = 0.35 cfs @ 12.92 hrs, Volume= 0.060 af
Routed to Link 4L : Post - North
Secondary = 0.32 cfs @ 12.92 hrs, Volume= 0.260 af
Tertiary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,217.88' @ 12.92 hrs Surf.Area= 3,815 sf Storage= 5,965 cf

Plug-Flow detention time= 147.5 min calculated for 0.320 af (100% of inflow)
Center-of-Mass det. time= 147.5 min (983.2 - 835.7)

Volume	Invert	Avail.Storage	Storage Description
#1	1,216.00'	15,578 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

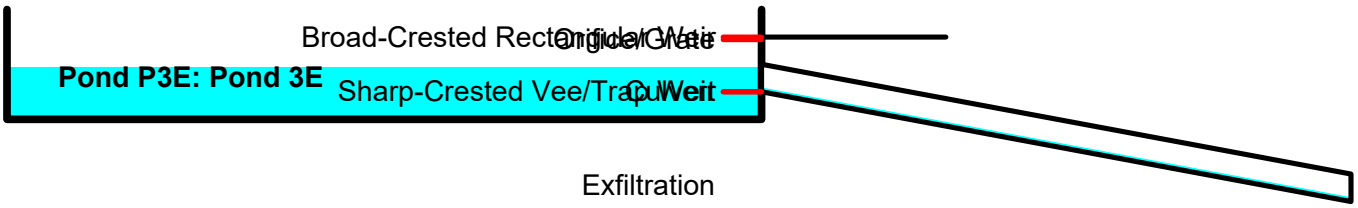
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,216.00	2,517	0	0
1,220.00	5,272	15,578	15,578

Device	Routing	Invert	Outlet Devices
#1	Primary	1,217.00'	**12.0" Round Culvert** L= 32.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,217.00' / 1,213.00' S= 0.1250 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,217.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,218.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600
#4	Secondary	1,216.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,219.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

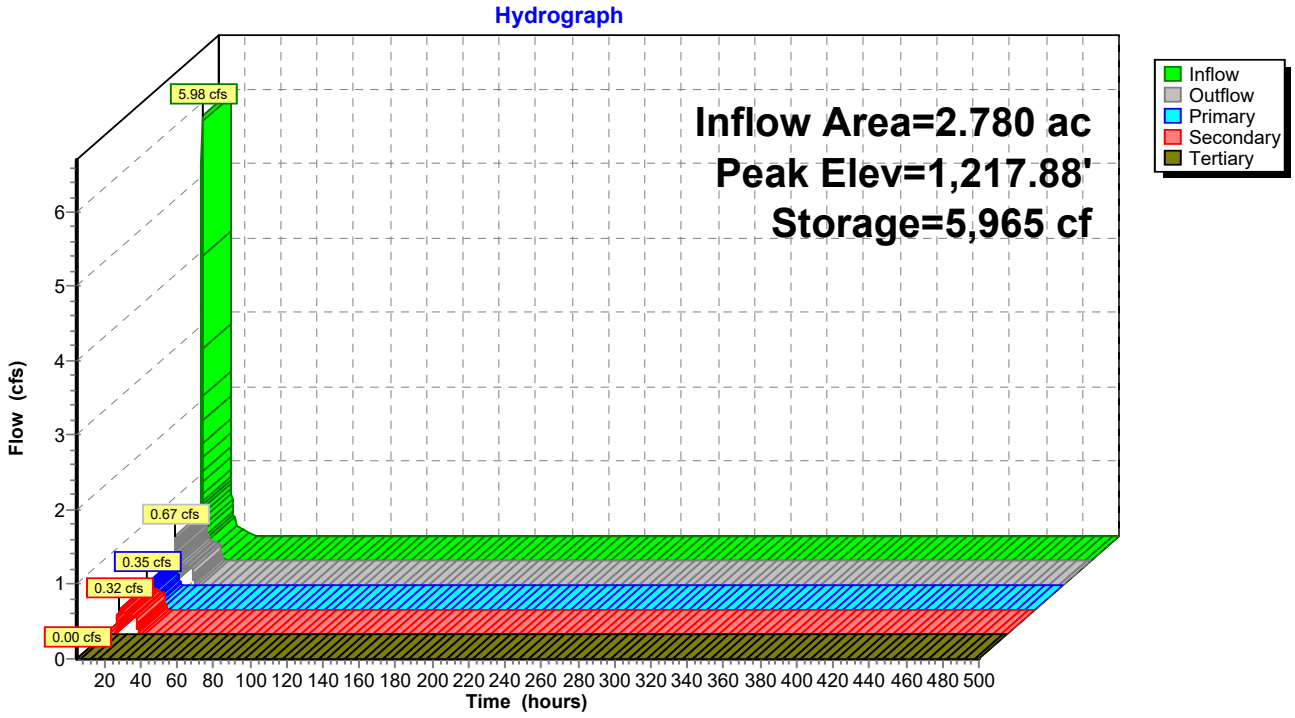
Primary OutFlow Max=0.35 cfs @ 12.92 hrs HW=1,217.88' (Free Discharge)
└**1=Culvert** (Passes 0.35 cfs of 2.35 cfs potential flow)
└**2=Sharp-Crested Vee/Trap Weir** (Weir Controls 0.35 cfs @ 2.53 fps)
└**3=Orifice/Grate** (Controls 0.00 cfs)

Secondary OutFlow Max=0.32 cfs @ 12.92 hrs HW=1,217.88' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.32 cfs)

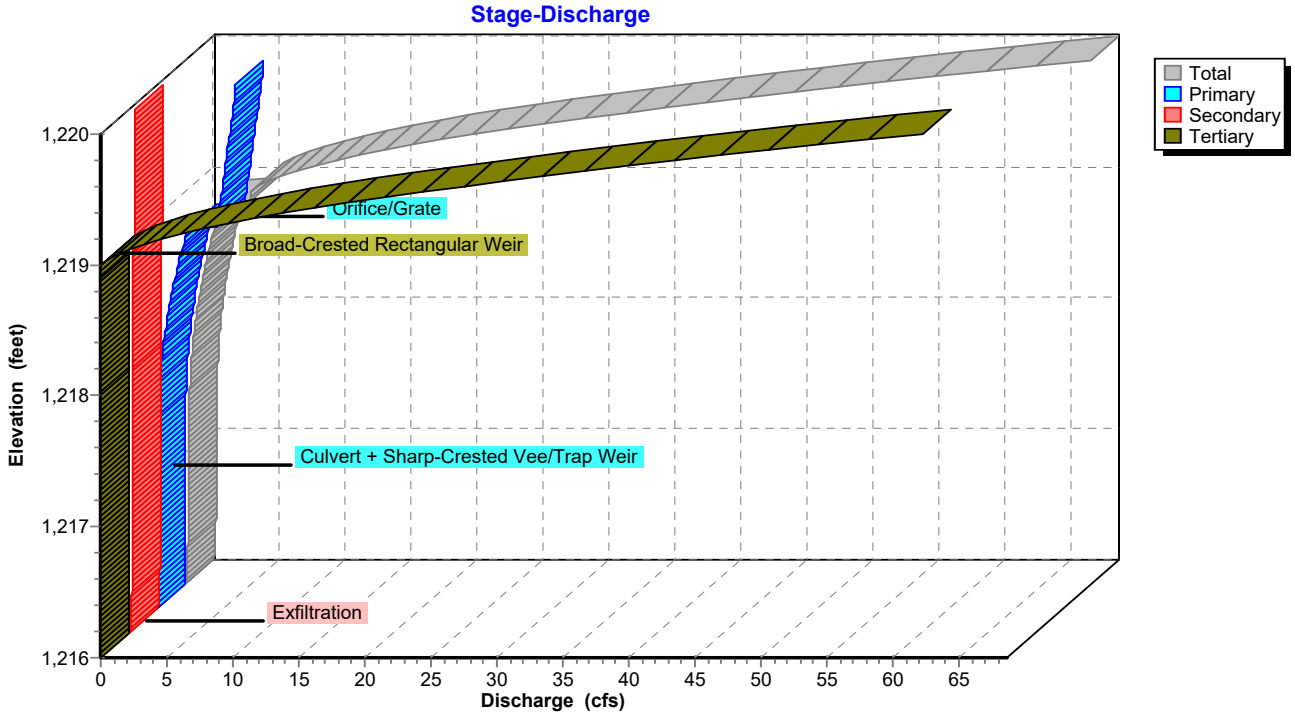
Tertiary OutFlow Max=0.00 cfs @ 5.00 hrs HW=1,216.00' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)



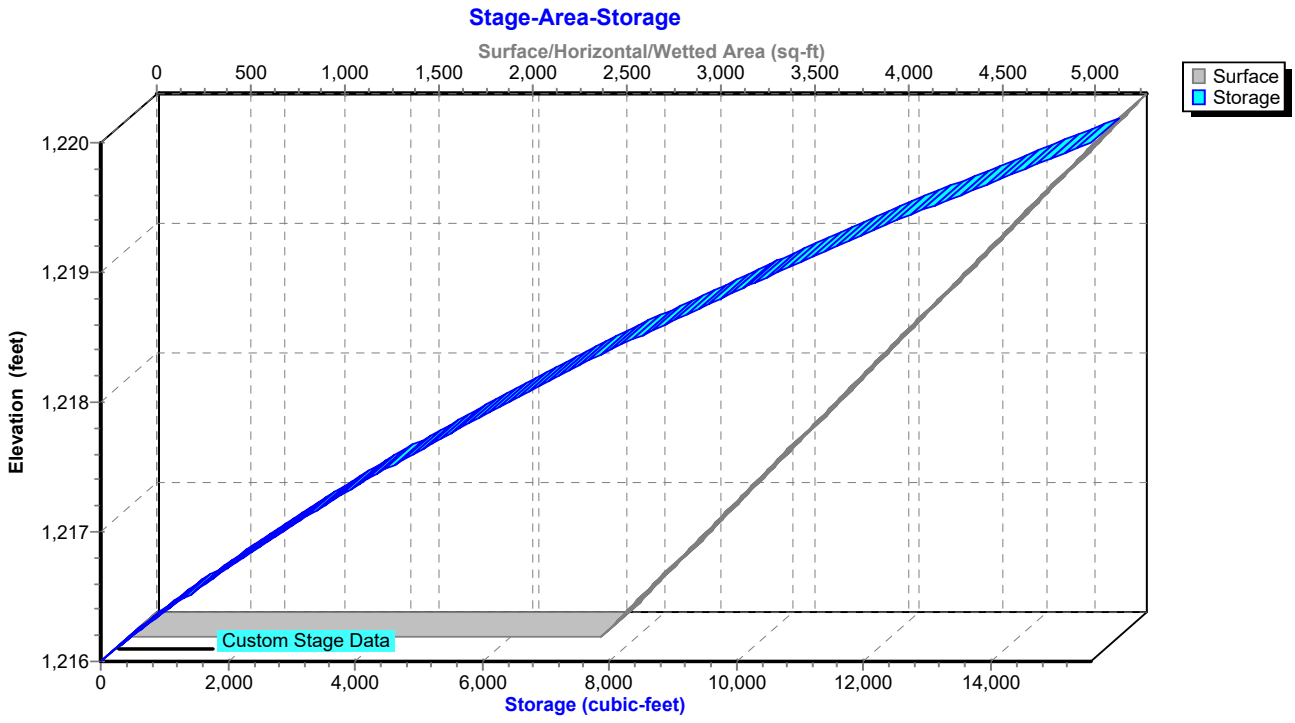
Pond P3E: Pond 3E



Pond P3E: Pond 3E



Pond P3E: Pond 3E



Hydrograph for Pond P3E: Pond 3E

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,216.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**0.24**	**4,630**	**1,217.52**	**0.39**	**0.09**	**0.30**	0.00
25.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
35.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P3E: Pond 3E

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,216.00	0.00	0.00	0.00	0.00
1,216.10	0.22	0.00	0.22	0.00
1,216.20	0.22	0.00	0.22	0.00
1,216.30	0.23	0.00	0.23	0.00
1,216.40	0.23	0.00	0.23	0.00
1,216.50	0.24	0.00	0.24	0.00
1,216.60	0.24	0.00	0.24	0.00
1,216.70	0.25	0.00	0.25	0.00
1,216.80	0.26	0.00	0.26	0.00
1,216.90	0.26	0.00	0.26	0.00
1,217.00	0.27	0.00	0.27	0.00
1,217.10	0.27	0.00	0.27	0.00
1,217.20	0.29	0.01	0.28	0.00
1,217.30	0.31	0.02	0.28	0.00
1,217.40	0.34	0.05	0.29	0.00
1,217.50	0.38	0.08	0.30	0.00
1,217.60	0.43	0.13	0.30	0.00
1,217.70	0.50	0.19	0.31	0.00
1,217.80	0.58	0.27	0.31	0.00
1,217.90	0.68	0.36	0.32	0.00
1,218.00	0.80	0.47	0.32	0.00
1,218.10	0.93	0.60	0.33	0.00
1,218.20	1.08	0.75	0.34	0.00
1,218.30	1.26	0.91	0.34	0.00
1,218.40	1.45	1.10	0.35	0.00
1,218.50	1.66	1.31	0.35	0.00
1,218.60	1.89	1.54	0.36	0.00
1,218.70	2.15	1.79	0.36	0.00
1,218.80	2.43	2.06	0.37	0.00
1,218.90	2.74	2.36	0.38	0.00
1,219.00	5.01	4.63	0.38	0.00
1,219.10	6.77	4.78	0.39	1.60
1,219.20	9.92	4.93	0.39	4.60
1,219.30	14.17	5.07	0.40	8.70
1,219.40	19.40	5.21	0.40	13.78
1,219.50	25.84	5.35	0.41	20.08
1,219.60	33.40	5.48	0.42	27.51
1,219.70	41.13	5.61	0.42	35.10
1,219.80	49.59	5.74	0.43	43.42
1,219.90	58.74	5.86	0.43	52.45
1,220.00	**68.59**	**5.98**	**0.44**	**62.18**

Stage-Area-Storage for Pond P3E: Pond 3E

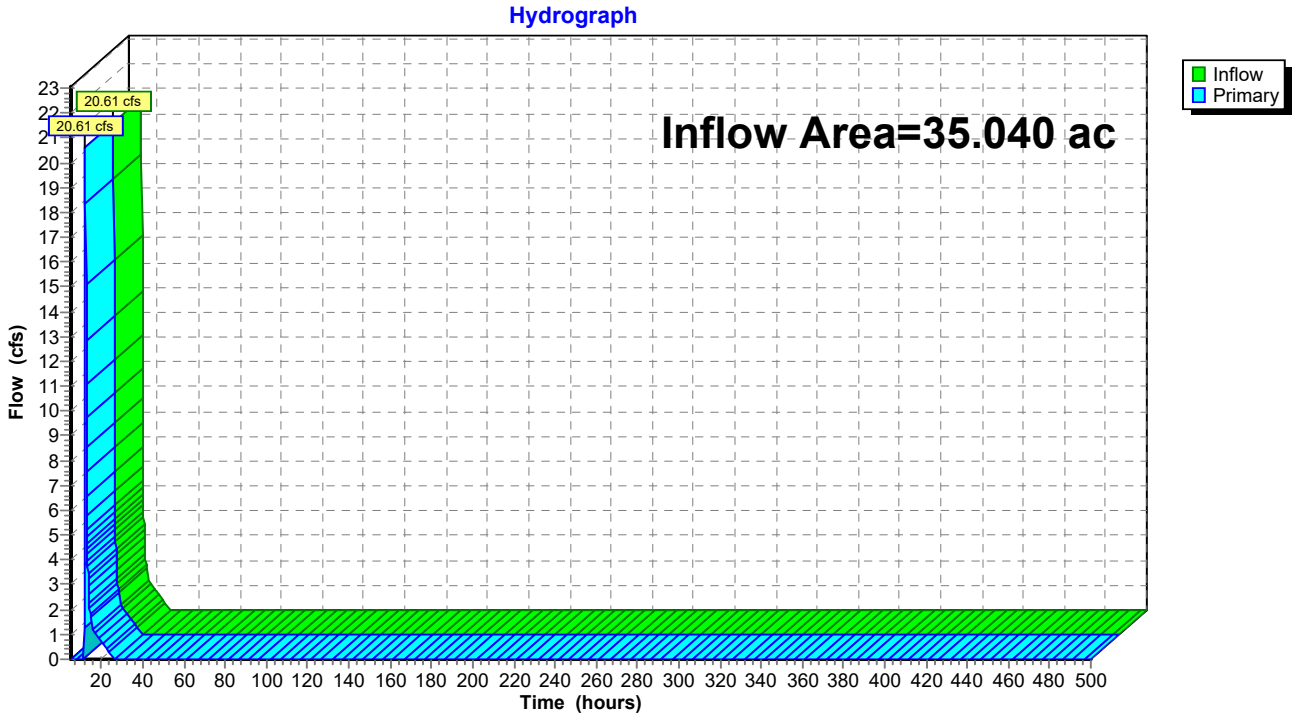
Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,216.00	2,517	0
1,216.05	2,551	127
1,216.10	2,586	255
1,216.15	2,620	385
1,216.20	2,655	517
1,216.25	2,689	651
1,216.30	2,724	786
1,216.35	2,758	923
1,216.40	2,793	1,062
1,216.45	2,827	1,202
1,216.50	2,861	1,345
1,216.55	2,896	1,489
1,216.60	2,930	1,634
1,216.65	2,965	1,782
1,216.70	2,999	1,931
1,216.75	3,034	2,081
1,216.80	3,068	2,234
1,216.85	3,102	2,388
1,216.90	3,137	2,544
1,216.95	3,171	2,702
1,217.00	3,206	2,861
1,217.05	3,240	3,023
1,217.10	3,275	3,185
1,217.15	3,309	3,350
1,217.20	3,344	3,516
1,217.25	3,378	3,684
1,217.30	3,412	3,854
1,217.35	3,447	4,026
1,217.40	3,481	4,199
1,217.45	3,516	4,374
1,217.50	3,550	4,550
1,217.55	3,585	4,729
1,217.60	3,619	4,909
1,217.65	3,653	5,091
1,217.70	3,688	5,274
1,217.75	3,722	5,459
1,217.80	3,757	5,646
1,217.85	3,791	5,835
1,217.90	3,826	6,025
1,217.95	3,860	6,218
1,218.00	3,895	6,412
1,218.05	3,929	6,607
1,218.10	3,963	6,804
1,218.15	3,998	7,003
1,218.20	4,032	7,204
1,218.25	4,067	7,407
1,218.30	4,101	7,611
1,218.35	4,136	7,817
1,218.40	4,170	8,024
1,218.45	4,204	8,234
1,218.50	4,239	8,445
1,218.55	4,273	8,658
1,218.60	4,308	8,872
1,218.65	4,342	9,088
1,218.70	4,377	9,306
1,218.75	4,411	9,526
1,218.80	4,445	9,747
1,218.85	4,480	9,971
1,218.90	4,514	10,195
1,218.95	4,549	10,422
1,219.00	4,583	10,650
1,219.05	4,618	10,880
1,219.10	4,652	11,112
1,219.15	4,687	11,346
1,219.20	4,721	11,581
1,219.25	4,755	11,818
1,219.30	4,790	12,056
1,219.35	4,824	12,297
1,219.40	4,859	12,539
1,219.45	4,893	12,783
1,219.50	4,928	13,028
1,219.55	4,962	13,275
1,219.60	4,996	13,524
1,219.65	5,031	13,775
1,219.70	5,065	14,027
1,219.75	5,100	14,282
1,219.80	5,134	14,537
1,219.85	5,169	14,795
1,219.90	5,203	15,054
1,219.95	5,238	15,315
1,220.00	**5,272**	**15,578**

Summary for Link 1L: Total Pre - Development

Inflow Area = 35.040 ac, 0.00% Impervious, Inflow Depth = 0.58" for 5 YR event
Inflow = 20.61 cfs @ 12.20 hrs, Volume= 1.684 af
Primary = 20.61 cfs @ 12.20 hrs, Volume= 1.684 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs

Link 1L: Total Pre - Development



Hydrograph for Link 1L: Total Pre - Development

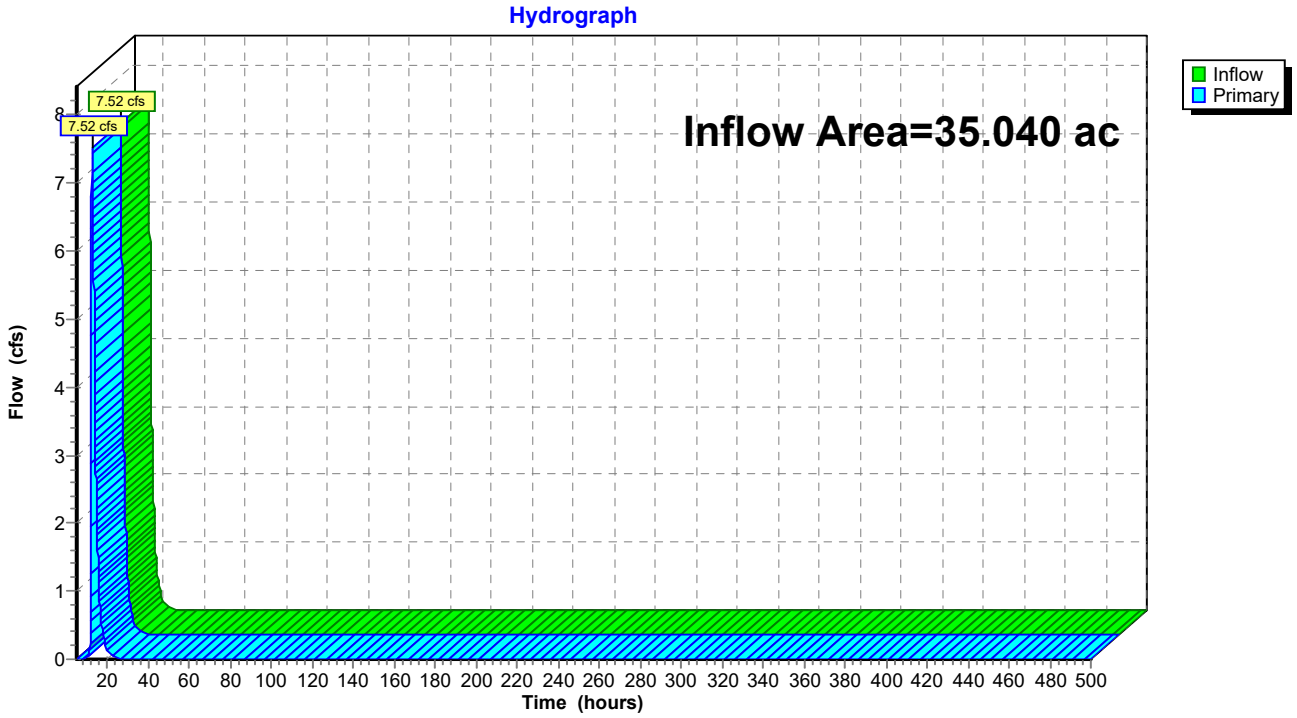
Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.00	0.00	**0.00**	0.00	260.00	0.00	0.00	0.00
10.00	**0.00**	0.00	**0.00**	265.00	0.00	0.00	0.00
15.00	**1.75**	0.00	**1.75**	270.00	0.00	0.00	0.00
20.00	0.70	0.00	0.70	275.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	280.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	285.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	290.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	295.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	300.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	305.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	310.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	315.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	320.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	325.00	0.00	0.00	0.00
75.00	0.00	0.00	0.00	330.00	0.00	0.00	0.00
80.00	0.00	0.00	0.00	335.00	0.00	0.00	0.00
85.00	0.00	0.00	0.00	340.00	0.00	0.00	0.00
90.00	0.00	0.00	0.00	345.00	0.00	0.00	0.00
95.00	0.00	0.00	0.00	350.00	0.00	0.00	0.00
100.00	0.00	0.00	0.00	355.00	0.00	0.00	0.00
105.00	0.00	0.00	0.00	360.00	0.00	0.00	0.00
110.00	0.00	0.00	0.00	365.00	0.00	0.00	0.00
115.00	0.00	0.00	0.00	370.00	0.00	0.00	0.00
120.00	0.00	0.00	0.00	375.00	0.00	0.00	0.00
125.00	0.00	0.00	0.00	380.00	0.00	0.00	0.00
130.00	0.00	0.00	0.00	385.00	0.00	0.00	0.00
135.00	0.00	0.00	0.00	390.00	0.00	0.00	0.00
140.00	0.00	0.00	0.00	395.00	0.00	0.00	0.00
145.00	0.00	0.00	0.00	400.00	0.00	0.00	0.00
150.00	0.00	0.00	0.00	405.00	0.00	0.00	0.00
155.00	0.00	0.00	0.00	410.00	0.00	0.00	0.00
160.00	0.00	0.00	0.00	415.00	0.00	0.00	0.00
165.00	0.00	0.00	0.00	420.00	0.00	0.00	0.00
170.00	0.00	0.00	0.00	425.00	0.00	0.00	0.00
175.00	0.00	0.00	0.00	430.00	0.00	0.00	0.00
180.00	0.00	0.00	0.00	435.00	0.00	0.00	0.00
185.00	0.00	0.00	0.00	440.00	0.00	0.00	0.00
190.00	0.00	0.00	0.00	445.00	0.00	0.00	0.00
195.00	0.00	0.00	0.00	450.00	0.00	0.00	0.00
200.00	0.00	0.00	0.00	455.00	0.00	0.00	0.00
205.00	0.00	0.00	0.00	460.00	0.00	0.00	0.00
210.00	0.00	0.00	0.00	465.00	0.00	0.00	0.00
215.00	0.00	0.00	0.00	470.00	0.00	0.00	0.00
220.00	0.00	0.00	0.00	475.00	0.00	0.00	0.00
225.00	0.00	0.00	0.00	480.00	0.00	0.00	0.00
230.00	0.00	0.00	0.00	485.00	0.00	0.00	0.00
235.00	0.00	0.00	0.00	490.00	0.00	0.00	0.00
240.00	0.00	0.00	0.00	495.00	0.00	0.00	0.00
245.00	0.00	0.00	0.00	500.00	0.00	0.00	0.00
250.00	0.00	0.00	0.00				
255.00	0.00	0.00	0.00				

Summary for Link 2L: Total Post - Development

Inflow Area = 35.040 ac, 19.66% Impervious, Inflow Depth = 0.48" for 5 YR event
Inflow = 7.52 cfs @ 12.49 hrs, Volume= 1.408 af
Primary = 7.52 cfs @ 12.49 hrs, Volume= 1.408 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs

Link 2L: Total Post - Development



Hydrograph for Link 2L: Total Post - Development

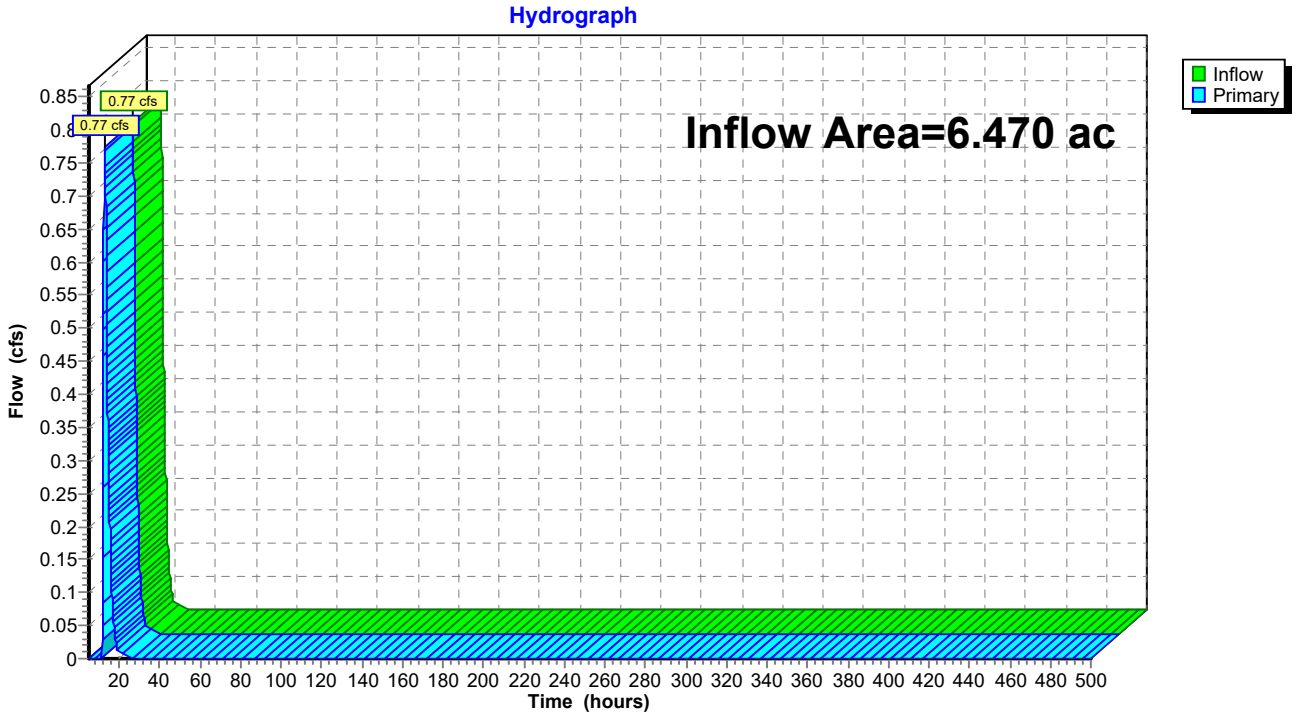
Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.00	0.00	**0.00**	0.00	260.00	0.00	0.00	0.00
10.00	**0.02**	0.00	**0.02**	265.00	0.00	0.00	0.00
15.00	**1.85**	0.00	**1.85**	270.00	0.00	0.00	0.00
20.00	0.11	0.00	0.11	275.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	280.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	285.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	290.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	295.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	300.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	305.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	310.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	315.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	320.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	325.00	0.00	0.00	0.00
75.00	0.00	0.00	0.00	330.00	0.00	0.00	0.00
80.00	0.00	0.00	0.00	335.00	0.00	0.00	0.00
85.00	0.00	0.00	0.00	340.00	0.00	0.00	0.00
90.00	0.00	0.00	0.00	345.00	0.00	0.00	0.00
95.00	0.00	0.00	0.00	350.00	0.00	0.00	0.00
100.00	0.00	0.00	0.00	355.00	0.00	0.00	0.00
105.00	0.00	0.00	0.00	360.00	0.00	0.00	0.00
110.00	0.00	0.00	0.00	365.00	0.00	0.00	0.00
115.00	0.00	0.00	0.00	370.00	0.00	0.00	0.00
120.00	0.00	0.00	0.00	375.00	0.00	0.00	0.00
125.00	0.00	0.00	0.00	380.00	0.00	0.00	0.00
130.00	0.00	0.00	0.00	385.00	0.00	0.00	0.00
135.00	0.00	0.00	0.00	390.00	0.00	0.00	0.00
140.00	0.00	0.00	0.00	395.00	0.00	0.00	0.00
145.00	0.00	0.00	0.00	400.00	0.00	0.00	0.00
150.00	0.00	0.00	0.00	405.00	0.00	0.00	0.00
155.00	0.00	0.00	0.00	410.00	0.00	0.00	0.00
160.00	0.00	0.00	0.00	415.00	0.00	0.00	0.00
165.00	0.00	0.00	0.00	420.00	0.00	0.00	0.00
170.00	0.00	0.00	0.00	425.00	0.00	0.00	0.00
175.00	0.00	0.00	0.00	430.00	0.00	0.00	0.00
180.00	0.00	0.00	0.00	435.00	0.00	0.00	0.00
185.00	0.00	0.00	0.00	440.00	0.00	0.00	0.00
190.00	0.00	0.00	0.00	445.00	0.00	0.00	0.00
195.00	0.00	0.00	0.00	450.00	0.00	0.00	0.00
200.00	0.00	0.00	0.00	455.00	0.00	0.00	0.00
205.00	0.00	0.00	0.00	460.00	0.00	0.00	0.00
210.00	0.00	0.00	0.00	465.00	0.00	0.00	0.00
215.00	0.00	0.00	0.00	470.00	0.00	0.00	0.00
220.00	0.00	0.00	0.00	475.00	0.00	0.00	0.00
225.00	0.00	0.00	0.00	480.00	0.00	0.00	0.00
230.00	0.00	0.00	0.00	485.00	0.00	0.00	0.00
235.00	0.00	0.00	0.00	490.00	0.00	0.00	0.00
240.00	0.00	0.00	0.00	495.00	0.00	0.00	0.00
245.00	0.00	0.00	0.00	500.00	0.00	0.00	0.00
250.00	0.00	0.00	0.00				
255.00	0.00	0.00	0.00				

Summary for Link 3L: Post - South

Inflow Area = 6.470 ac, 18.70% Impervious, Inflow Depth = 0.31" for 5 YR event
Inflow = 0.77 cfs @ 12.85 hrs, Volume= 0.167 af
Primary = 0.77 cfs @ 12.85 hrs, Volume= 0.167 af, Atten= 0%, Lag= 0.0 min
Routed to Link 2L : Total Post - Development

Primary outflow = Inflow, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs

Link 3L: Post - South



Hydrograph for Link 3L: Post - South

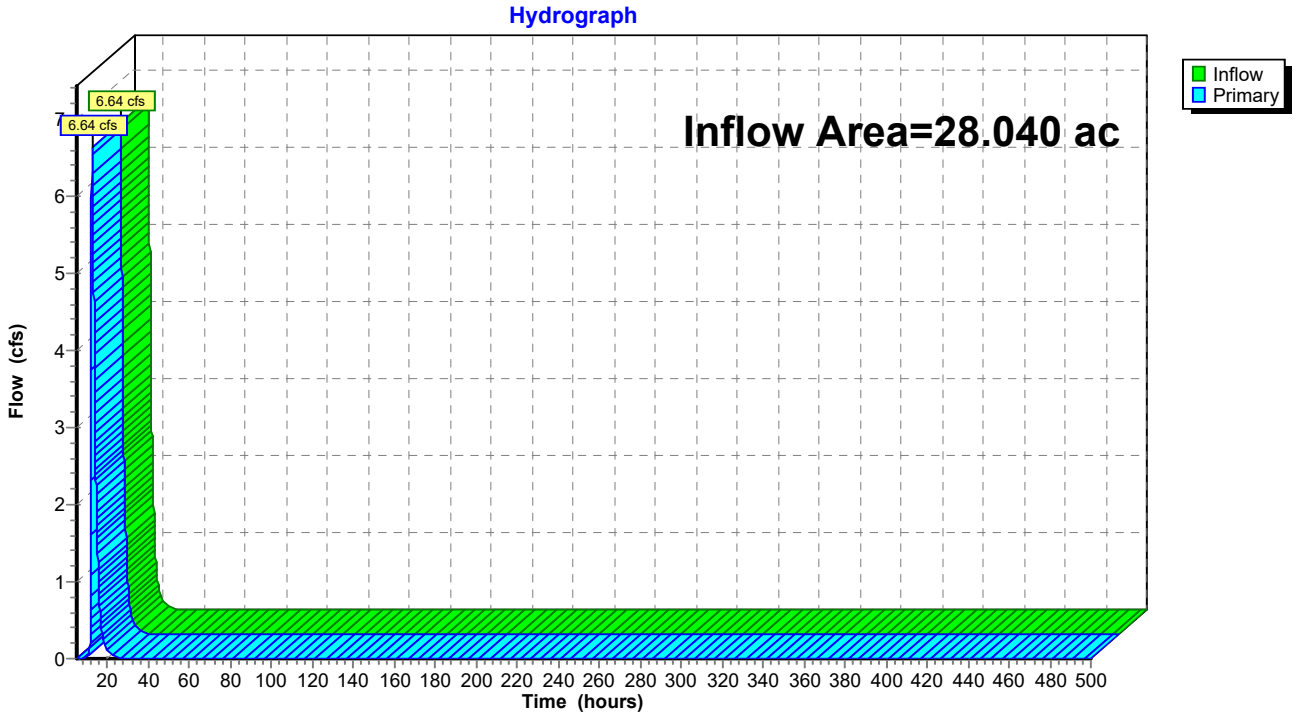
Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.00	0.00	**0.00**	0.00	260.00	0.00	0.00	0.00
10.00	**0.00**	0.00	**0.00**	265.00	0.00	0.00	0.00
15.00	**0.26**	0.00	**0.26**	270.00	0.00	0.00	0.00
20.00	0.01	0.00	0.01	275.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	280.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	285.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	290.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	295.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	300.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	305.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	310.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	315.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	320.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	325.00	0.00	0.00	0.00
75.00	0.00	0.00	0.00	330.00	0.00	0.00	0.00
80.00	0.00	0.00	0.00	335.00	0.00	0.00	0.00
85.00	0.00	0.00	0.00	340.00	0.00	0.00	0.00
90.00	0.00	0.00	0.00	345.00	0.00	0.00	0.00
95.00	0.00	0.00	0.00	350.00	0.00	0.00	0.00
100.00	0.00	0.00	0.00	355.00	0.00	0.00	0.00
105.00	0.00	0.00	0.00	360.00	0.00	0.00	0.00
110.00	0.00	0.00	0.00	365.00	0.00	0.00	0.00
115.00	0.00	0.00	0.00	370.00	0.00	0.00	0.00
120.00	0.00	0.00	0.00	375.00	0.00	0.00	0.00
125.00	0.00	0.00	0.00	380.00	0.00	0.00	0.00
130.00	0.00	0.00	0.00	385.00	0.00	0.00	0.00
135.00	0.00	0.00	0.00	390.00	0.00	0.00	0.00
140.00	0.00	0.00	0.00	395.00	0.00	0.00	0.00
145.00	0.00	0.00	0.00	400.00	0.00	0.00	0.00
150.00	0.00	0.00	0.00	405.00	0.00	0.00	0.00
155.00	0.00	0.00	0.00	410.00	0.00	0.00	0.00
160.00	0.00	0.00	0.00	415.00	0.00	0.00	0.00
165.00	0.00	0.00	0.00	420.00	0.00	0.00	0.00
170.00	0.00	0.00	0.00	425.00	0.00	0.00	0.00
175.00	0.00	0.00	0.00	430.00	0.00	0.00	0.00
180.00	0.00	0.00	0.00	435.00	0.00	0.00	0.00
185.00	0.00	0.00	0.00	440.00	0.00	0.00	0.00
190.00	0.00	0.00	0.00	445.00	0.00	0.00	0.00
195.00	0.00	0.00	0.00	450.00	0.00	0.00	0.00
200.00	0.00	0.00	0.00	455.00	0.00	0.00	0.00
205.00	0.00	0.00	0.00	460.00	0.00	0.00	0.00
210.00	0.00	0.00	0.00	465.00	0.00	0.00	0.00
215.00	0.00	0.00	0.00	470.00	0.00	0.00	0.00
220.00	0.00	0.00	0.00	475.00	0.00	0.00	0.00
225.00	0.00	0.00	0.00	480.00	0.00	0.00	0.00
230.00	0.00	0.00	0.00	485.00	0.00	0.00	0.00
235.00	0.00	0.00	0.00	490.00	0.00	0.00	0.00
240.00	0.00	0.00	0.00	495.00	0.00	0.00	0.00
245.00	0.00	0.00	0.00	500.00	0.00	0.00	0.00
250.00	0.00	0.00	0.00				
255.00	0.00	0.00	0.00				

Summary for Link 4L: Post - North

Inflow Area = 28.040 ac, 20.04% Impervious, Inflow Depth = 0.51" for 5 YR event
Inflow = 6.64 cfs @ 12.48 hrs, Volume= 1.203 af
Primary = 6.64 cfs @ 12.48 hrs, Volume= 1.203 af, Atten= 0%, Lag= 0.0 min
Routed to Link 2L : Total Post - Development

Primary outflow = Inflow, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs

Link 4L: Post - North



Hydrograph for Link 4L: Post - North

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.00	0.00	**0.00**	0.00	260.00	0.00	0.00	0.00
10.00	**0.02**	0.00	**0.02**	265.00	0.00	0.00	0.00
15.00	**1.55**	0.00	**1.55**	270.00	0.00	0.00	0.00
20.00	0.09	0.00	0.09	275.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	280.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	285.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	290.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	295.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	300.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	305.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	310.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	315.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	320.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	325.00	0.00	0.00	0.00
75.00	0.00	0.00	0.00	330.00	0.00	0.00	0.00
80.00	0.00	0.00	0.00	335.00	0.00	0.00	0.00
85.00	0.00	0.00	0.00	340.00	0.00	0.00	0.00
90.00	0.00	0.00	0.00	345.00	0.00	0.00	0.00
95.00	0.00	0.00	0.00	350.00	0.00	0.00	0.00
100.00	0.00	0.00	0.00	355.00	0.00	0.00	0.00
105.00	0.00	0.00	0.00	360.00	0.00	0.00	0.00
110.00	0.00	0.00	0.00	365.00	0.00	0.00	0.00
115.00	0.00	0.00	0.00	370.00	0.00	0.00	0.00
120.00	0.00	0.00	0.00	375.00	0.00	0.00	0.00
125.00	0.00	0.00	0.00	380.00	0.00	0.00	0.00
130.00	0.00	0.00	0.00	385.00	0.00	0.00	0.00
135.00	0.00	0.00	0.00	390.00	0.00	0.00	0.00
140.00	0.00	0.00	0.00	395.00	0.00	0.00	0.00
145.00	0.00	0.00	0.00	400.00	0.00	0.00	0.00
150.00	0.00	0.00	0.00	405.00	0.00	0.00	0.00
155.00	0.00	0.00	0.00	410.00	0.00	0.00	0.00
160.00	0.00	0.00	0.00	415.00	0.00	0.00	0.00
165.00	0.00	0.00	0.00	420.00	0.00	0.00	0.00
170.00	0.00	0.00	0.00	425.00	0.00	0.00	0.00
175.00	0.00	0.00	0.00	430.00	0.00	0.00	0.00
180.00	0.00	0.00	0.00	435.00	0.00	0.00	0.00
185.00	0.00	0.00	0.00	440.00	0.00	0.00	0.00
190.00	0.00	0.00	0.00	445.00	0.00	0.00	0.00
195.00	0.00	0.00	0.00	450.00	0.00	0.00	0.00
200.00	0.00	0.00	0.00	455.00	0.00	0.00	0.00
205.00	0.00	0.00	0.00	460.00	0.00	0.00	0.00
210.00	0.00	0.00	0.00	465.00	0.00	0.00	0.00
215.00	0.00	0.00	0.00	470.00	0.00	0.00	0.00
220.00	0.00	0.00	0.00	475.00	0.00	0.00	0.00
225.00	0.00	0.00	0.00	480.00	0.00	0.00	0.00
230.00	0.00	0.00	0.00	485.00	0.00	0.00	0.00
235.00	0.00	0.00	0.00	490.00	0.00	0.00	0.00
240.00	0.00	0.00	0.00	495.00	0.00	0.00	0.00
245.00	0.00	0.00	0.00	500.00	0.00	0.00	0.00
250.00	0.00	0.00	0.00				
255.00	0.00	0.00	0.00				

Time span=5.00-500.00 hrs, dt=0.05 hrs, 9901 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment1: Pre - South Runoff Area=4.910 ac 0.00% Impervious Runoff Depth=0.65"
Tc=10.0 min CN=55 Runoff=3.23 cfs 0.268 af

Subcatchment1A: Post 1A Runoff Area=6.030 ac 19.24% Impervious Runoff Depth=1.40"
Tc=6.0 min CN=68 Runoff=13.00 cfs 0.703 af

Subcatchment1B: Post 1B - Offsite Runoff Area=0.440 ac 11.36% Impervious Runoff Depth=1.21"
Tc=6.0 min CN=65 Runoff=0.80 cfs 0.044 af

Subcatchment2: Pre - West Runoff Area=2.540 ac 0.00% Impervious Runoff Depth=0.65"
Tc=6.0 min CN=55 Runoff=2.06 cfs 0.138 af

Subcatchment2A: Post 2A - Offsite Runoff Area=0.530 ac 11.32% Impervious Runoff Depth=1.21"
Tc=6.0 min CN=65 Runoff=0.97 cfs 0.053 af

Subcatchment3: Pre - North Runoff Area=27.590 ac 0.00% Impervious Runoff Depth=0.91"
Tc=10.0 min CN=60 Runoff=29.63 cfs 2.101 af

Subcatchment3A: Post 3A Runoff Area=10.600 ac 18.58% Impervious Runoff Depth=1.53"
Tc=6.0 min CN=70 Runoff=25.27 cfs 1.355 af

Subcatchment3B: Post 3B Runoff Area=8.450 ac 19.88% Impervious Runoff Depth=1.60"
Tc=6.0 min CN=71 Runoff=21.12 cfs 1.129 af

Subcatchment3C: Post 3C Runoff Area=2.490 ac 22.89% Impervious Runoff Depth=1.89"
Tc=6.0 min CN=75 Runoff=7.40 cfs 0.393 af

Subcatchment3D: Post 3D Runoff Area=2.380 ac 23.95% Impervious Runoff Depth=1.97"
Tc=6.0 min CN=76 Runoff=7.36 cfs 0.391 af

Subcatchment3E: Post 3E Runoff Area=2.780 ac 19.06% Impervious Runoff Depth=1.82"
Tc=6.0 min CN=74 Runoff=7.93 cfs 0.422 af

Subcatchment3Y: Post 3Y - Offsite Runoff Area=0.820 ac 36.59% Impervious Runoff Depth=2.55"
Tc=6.0 min CN=83 Runoff=3.24 cfs 0.174 af

Subcatchment3Z: Post 3Z - Offsite Runoff Area=0.520 ac 0.00% Impervious Runoff Depth=1.82"
Tc=6.0 min CN=74 Runoff=1.48 cfs 0.079 af

Subcatchment5S: Culvert 1 Runoff Area=4,797 sf 48.61% Impervious Runoff Depth=2.21"
Tc=6.0 min CN=79 Runoff=0.38 cfs 0.020 af

Subcatchment6S: Culvert 2 Runoff Area=24,708 sf 36.87% Impervious Runoff Depth=1.89"
Tc=6.0 min CN=75 Runoff=1.69 cfs 0.090 af

Subcatchment7S: Culvert 3 Runoff Area=41,517 sf 32.00% Impervious Runoff Depth=1.75"
Tc=6.0 min CN=73 Runoff=2.61 cfs 0.139 af

Subcatchment8S: Culvert 4 Runoff Area=209,603 sf 25.18% Impervious Runoff Depth=1.53"
Tc=6.0 min CN=70 Runoff=11.47 cfs 0.615 af

Subcatchment9S: Culvert 5 Runoff Area=188,836 sf 19.96% Impervious Runoff Depth=1.40"
Tc=6.0 min CN=68 Runoff=9.35 cfs 0.505 af

Pond P1A: Pond 1A Peak Elev=1,241.65' Storage=11,696 cf Inflow=13.00 cfs 0.703 af
Primary=1.66 cfs 0.276 af Secondary=0.53 cfs 0.427 af Tertiary=0.00 cfs 0.000 af Outflow=2.19 cfs 0.703 af

Pond P3A: Pond 3A Peak Elev=1,195.36' Storage=22,437 cf Inflow=25.27 cfs 1.355 af
Primary=4.07 cfs 0.668 af Secondary=0.77 cfs 0.687 af Tertiary=0.00 cfs 0.000 af Outflow=4.83 cfs 1.355 af

Pond P3B: Pond 3B Peak Elev=1,198.33' Storage=18,152 cf Inflow=21.12 cfs 1.129 af
Primary=3.92 cfs 0.579 af Secondary=0.68 cfs 0.550 af Tertiary=0.00 cfs 0.000 af Outflow=4.59 cfs 1.129 af

Pond P3C: Pond 3C Peak Elev=1,180.33' Storage=6,905 cf Inflow=7.40 cfs 0.393 af
Primary=0.97 cfs 0.132 af Secondary=0.33 cfs 0.262 af Tertiary=0.00 cfs 0.000 af Outflow=1.31 cfs 0.393 af

Pond P3D: Pond 3D Peak Elev=1,190.07' Storage=5,269 cf Inflow=7.36 cfs 0.391 af
Primary=2.94 cfs 0.230 af Secondary=0.22 cfs 0.161 af Tertiary=0.00 cfs 0.000 af Outflow=3.16 cfs 0.391 af

Pond P3E: Pond 3E Peak Elev=1,218.29' Storage=7,552 cf Inflow=7.93 cfs 0.422 af
Primary=0.89 cfs 0.130 af Secondary=0.34 cfs 0.291 af Tertiary=0.00 cfs 0.000 af Outflow=1.23 cfs 0.422 af

Link 1L: Total Pre - Development Inflow=34.45 cfs 2.507 af
Primary=34.45 cfs 2.507 af

Link 2L: Total Post - Development Inflow=15.10 cfs 2.364 af
Primary=15.10 cfs 2.364 af

Link 3L: Post - South Inflow=1.81 cfs 0.320 af
Primary=1.81 cfs 0.320 af

Link 4L: Post - North Inflow=13.10 cfs 1.991 af
Primary=13.10 cfs 1.991 af

Total Runoff Area = 80.857 ac Runoff Volume = 8.619 af Average Runoff Depth = 1.28"
88.21% Pervious = 71.323 ac 11.79% Impervious = 9.534 ac

Summary for Subcatchment 1: Pre - South

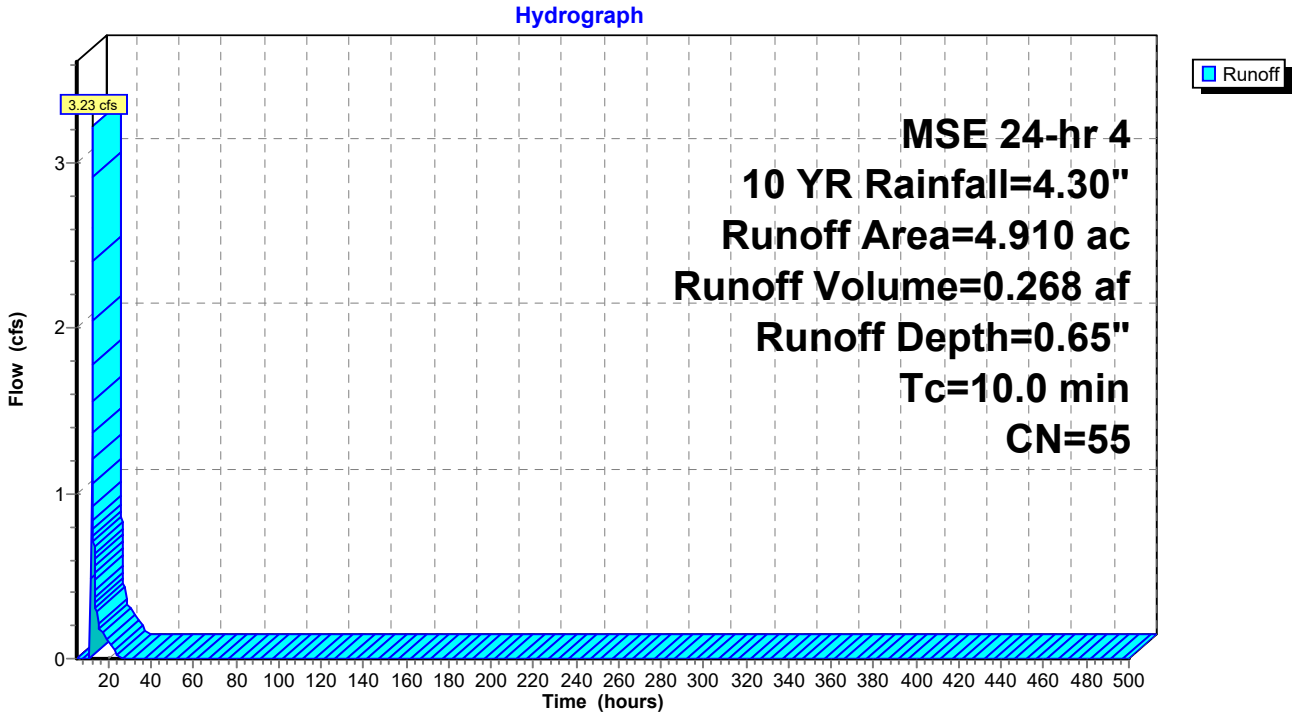
Runoff = 3.23 cfs @ 12.21 hrs, Volume= 0.268 af, Depth= 0.65"
Routed to Link 1L : Total Pre - Development

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 10 YR Rainfall=4.30"

	Area (ac)	CN	Description
*	4.910	55	Pre Dev - B Soils
	4.910		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					**Direct Entry,**

Subcatchment 1: Pre - South



Hydrograph for Subcatchment 1: Pre - South

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.20	0.00	0.00	260.00	4.30	0.65	0.00
10.00	0.68	0.00	**0.00**	265.00	4.30	0.65	0.00
15.00	3.78	0.44	**0.28**	270.00	4.30	0.65	0.00
20.00	**4.16**	**0.60**	0.11	275.00	4.30	0.65	0.00
25.00	**4.30**	**0.65**	0.00	280.00	4.30	0.65	0.00
30.00	4.30	0.65	0.00	285.00	4.30	0.65	0.00
35.00	4.30	0.65	0.00	290.00	4.30	0.65	0.00
40.00	4.30	0.65	0.00	295.00	4.30	0.65	0.00
45.00	4.30	0.65	0.00	300.00	4.30	0.65	0.00
50.00	4.30	0.65	0.00	305.00	4.30	0.65	0.00
55.00	4.30	0.65	0.00	310.00	4.30	0.65	0.00
60.00	4.30	0.65	0.00	315.00	4.30	0.65	0.00
65.00	4.30	0.65	0.00	320.00	4.30	0.65	0.00
70.00	4.30	0.65	0.00	325.00	4.30	0.65	0.00
75.00	4.30	0.65	0.00	330.00	4.30	0.65	0.00
80.00	4.30	0.65	0.00	335.00	4.30	0.65	0.00
85.00	4.30	0.65	0.00	340.00	4.30	0.65	0.00
90.00	4.30	0.65	0.00	345.00	4.30	0.65	0.00
95.00	4.30	0.65	0.00	350.00	4.30	0.65	0.00
100.00	4.30	0.65	0.00	355.00	4.30	0.65	0.00
105.00	4.30	0.65	0.00	360.00	4.30	0.65	0.00
110.00	4.30	0.65	0.00	365.00	4.30	0.65	0.00
115.00	4.30	0.65	0.00	370.00	4.30	0.65	0.00
120.00	4.30	0.65	0.00	375.00	4.30	0.65	0.00
125.00	4.30	0.65	0.00	380.00	4.30	0.65	0.00
130.00	4.30	0.65	0.00	385.00	4.30	0.65	0.00
135.00	4.30	0.65	0.00	390.00	4.30	0.65	0.00
140.00	4.30	0.65	0.00	395.00	4.30	0.65	0.00
145.00	4.30	0.65	0.00	400.00	4.30	0.65	0.00
150.00	4.30	0.65	0.00	405.00	4.30	0.65	0.00
155.00	4.30	0.65	0.00	410.00	4.30	0.65	0.00
160.00	4.30	0.65	0.00	415.00	4.30	0.65	0.00
165.00	4.30	0.65	0.00	420.00	4.30	0.65	0.00
170.00	4.30	0.65	0.00	425.00	4.30	0.65	0.00
175.00	4.30	0.65	0.00	430.00	4.30	0.65	0.00
180.00	4.30	0.65	0.00	435.00	4.30	0.65	0.00
185.00	4.30	0.65	0.00	440.00	4.30	0.65	0.00
190.00	4.30	0.65	0.00	445.00	4.30	0.65	0.00
195.00	4.30	0.65	0.00	450.00	4.30	0.65	0.00
200.00	4.30	0.65	0.00	455.00	4.30	0.65	0.00
205.00	4.30	0.65	0.00	460.00	4.30	0.65	0.00
210.00	4.30	0.65	0.00	465.00	4.30	0.65	0.00
215.00	4.30	0.65	0.00	470.00	4.30	0.65	0.00
220.00	4.30	0.65	0.00	475.00	4.30	0.65	0.00
225.00	4.30	0.65	0.00	480.00	4.30	0.65	0.00
230.00	4.30	0.65	0.00	485.00	4.30	0.65	0.00
235.00	4.30	0.65	0.00	490.00	4.30	0.65	0.00
240.00	4.30	0.65	0.00	495.00	4.30	0.65	0.00
245.00	4.30	0.65	0.00	500.00	4.30	0.65	0.00
250.00	4.30	0.65	0.00				
255.00	4.30	0.65	0.00				

Summary for Subcatchment 1A: Post 1A

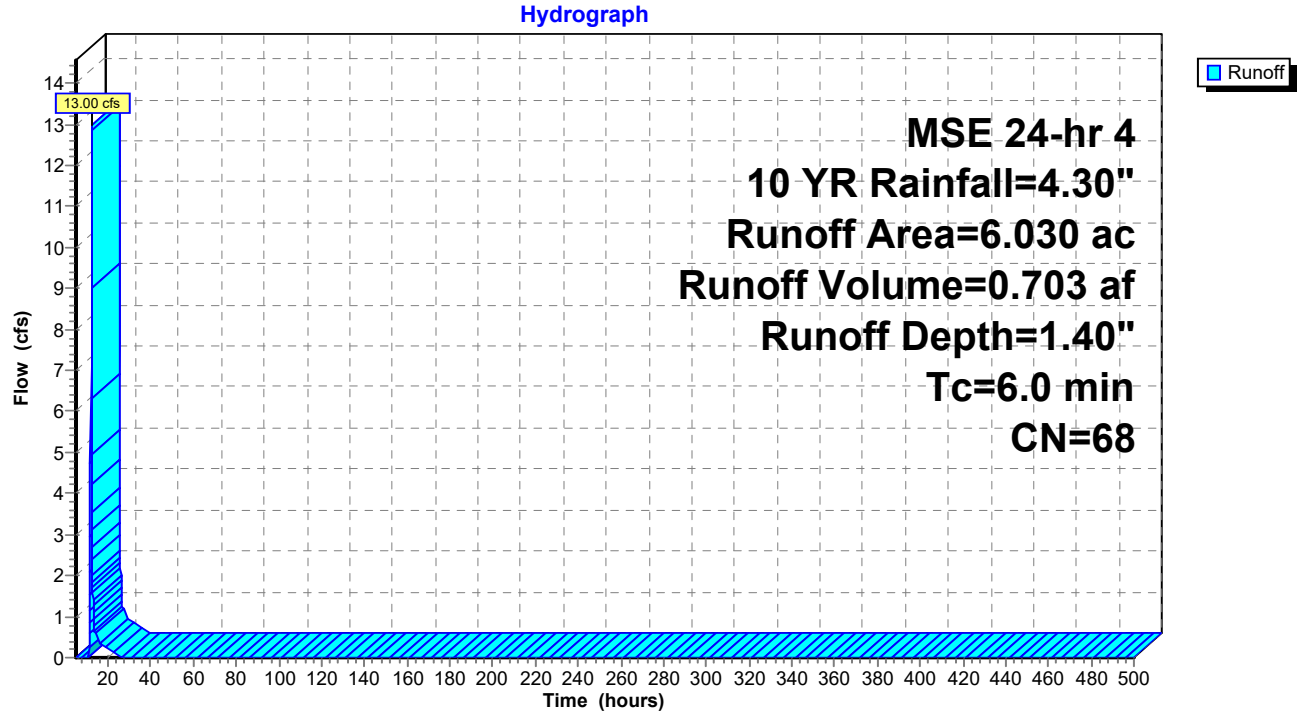
Runoff = 13.00 cfs @ 12.14 hrs, Volume= 0.703 af, Depth= 1.40"
Routed to Pond P1A : Pond 1A

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 10 YR Rainfall=4.30"

	Area (ac)	CN	Description
*	1.160	98	Impervious
*	4.870	61	Post - B Soils
*	0.000	74	Post - C Soils
	6.030	68	Weighted Average
	4.870		80.76% Pervious Area
	1.160		19.24% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 1A: Post 1A



Hydrograph for Subcatchment 1A: Post 1A

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.20	0.00	0.00
10.00	0.68	0.00	**0.00**
15.00	3.78	1.07	**0.56**
20.00	**4.16**	**1.31**	0.21
25.00	**4.30**	**1.40**	0.00
30.00	4.30	1.40	0.00
35.00	4.30	1.40	0.00
40.00	4.30	1.40	0.00
45.00	4.30	1.40	0.00
50.00	4.30	1.40	0.00
55.00	4.30	1.40	0.00
60.00	4.30	1.40	0.00
65.00	4.30	1.40	0.00
70.00	4.30	1.40	0.00
75.00	4.30	1.40	0.00
80.00	4.30	1.40	0.00
85.00	4.30	1.40	0.00
90.00	4.30	1.40	0.00
95.00	4.30	1.40	0.00
100.00	4.30	1.40	0.00
105.00	4.30	1.40	0.00
110.00	4.30	1.40	0.00
115.00	4.30	1.40	0.00
120.00	4.30	1.40	0.00
125.00	4.30	1.40	0.00
130.00	4.30	1.40	0.00
135.00	4.30	1.40	0.00
140.00	4.30	1.40	0.00
145.00	4.30	1.40	0.00
150.00	4.30	1.40	0.00
155.00	4.30	1.40	0.00
160.00	4.30	1.40	0.00
165.00	4.30	1.40	0.00
170.00	4.30	1.40	0.00
175.00	4.30	1.40	0.00
180.00	4.30	1.40	0.00
185.00	4.30	1.40	0.00
190.00	4.30	1.40	0.00
195.00	4.30	1.40	0.00
200.00	4.30	1.40	0.00
205.00	4.30	1.40	0.00
210.00	4.30	1.40	0.00
215.00	4.30	1.40	0.00
220.00	4.30	1.40	0.00
225.00	4.30	1.40	0.00
230.00	4.30	1.40	0.00
235.00	4.30	1.40	0.00
240.00	4.30	1.40	0.00
245.00	4.30	1.40	0.00
250.00	4.30	1.40	0.00
255.00	4.30	1.40	0.00
260.00	4.30	1.40	0.00
265.00	4.30	1.40	0.00
270.00	4.30	1.40	0.00
275.00	4.30	1.40	0.00
280.00	4.30	1.40	0.00
285.00	4.30	1.40	0.00
290.00	4.30	1.40	0.00
295.00	4.30	1.40	0.00
300.00	4.30	1.40	0.00
305.00	4.30	1.40	0.00
310.00	4.30	1.40	0.00
315.00	4.30	1.40	0.00
320.00	4.30	1.40	0.00
325.00	4.30	1.40	0.00
330.00	4.30	1.40	0.00
335.00	4.30	1.40	0.00
340.00	4.30	1.40	0.00
345.00	4.30	1.40	0.00
350.00	4.30	1.40	0.00
355.00	4.30	1.40	0.00
360.00	4.30	1.40	0.00
365.00	4.30	1.40	0.00
370.00	4.30	1.40	0.00
375.00	4.30	1.40	0.00
380.00	4.30	1.40	0.00
385.00	4.30	1.40	0.00
390.00	4.30	1.40	0.00
395.00	4.30	1.40	0.00
400.00	4.30	1.40	0.00
405.00	4.30	1.40	0.00
410.00	4.30	1.40	0.00
415.00	4.30	1.40	0.00
420.00	4.30	1.40	0.00
425.00	4.30	1.40	0.00
430.00	4.30	1.40	0.00
435.00	4.30	1.40	0.00
440.00	4.30	1.40	0.00
445.00	4.30	1.40	0.00
450.00	4.30	1.40	0.00
455.00	4.30	1.40	0.00
460.00	4.30	1.40	0.00
465.00	4.30	1.40	0.00
470.00	4.30	1.40	0.00
475.00	4.30	1.40	0.00
480.00	4.30	1.40	0.00
485.00	4.30	1.40	0.00
490.00	4.30	1.40	0.00
495.00	4.30	1.40	0.00
500.00	4.30	1.40	0.00

Summary for Subcatchment 1B: Post 1B - Offsite

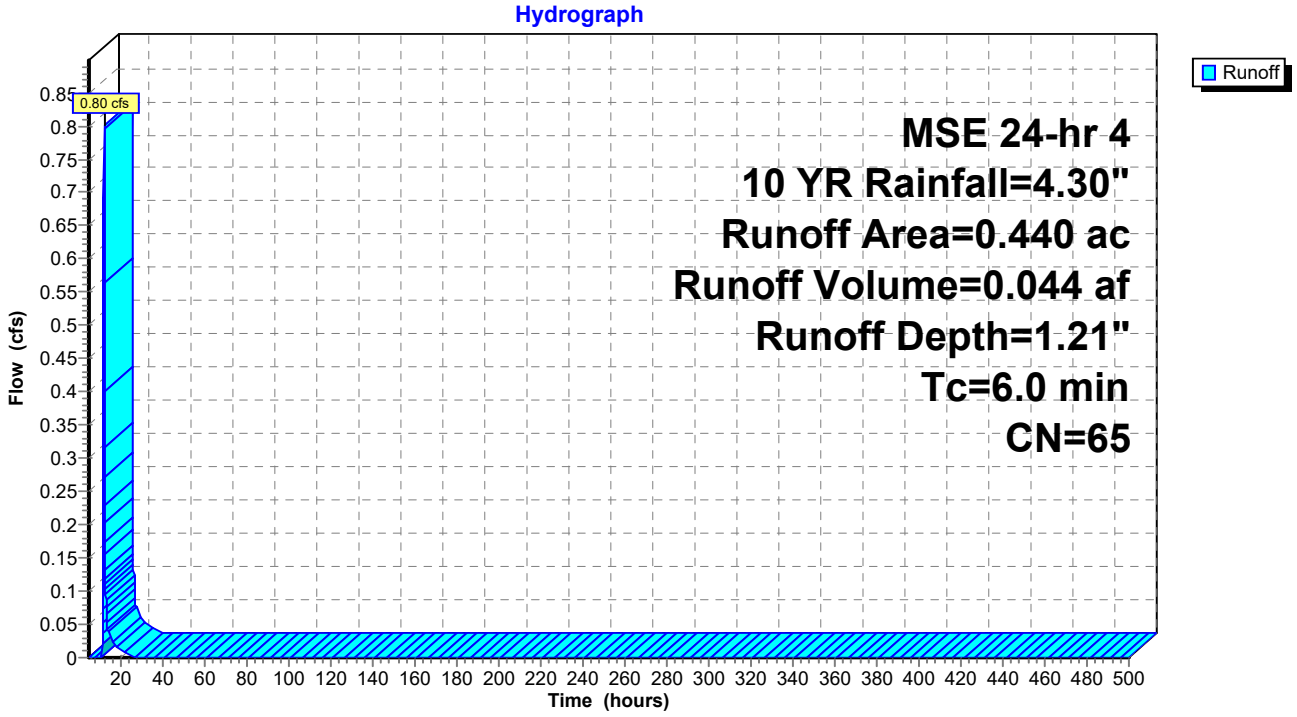
Runoff = 0.80 cfs @ 12.14 hrs, Volume= 0.044 af, Depth= 1.21"
Routed to Link 3L : Post - South

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 10 YR Rainfall=4.30"

	Area (ac)	CN	Description
*	0.050	98	Impervious
*	0.390	61	Post - B Soils
*	0.000	74	Post - C Soils
	0.440	65	Weighted Average
	0.390		88.64% Pervious Area
	0.050		11.36% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 1B: Post 1B - Offsite



Hydrograph for Subcatchment 1B: Post 1B - Offsite

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.20	0.00	0.00
10.00	0.68	0.00	**0.00**
15.00	3.78	0.90	**0.04**
20.00	**4.16**	**1.12**	0.01
25.00	**4.30**	**1.21**	0.00
30.00	4.30	1.21	0.00
35.00	4.30	1.21	0.00
40.00	4.30	1.21	0.00
45.00	4.30	1.21	0.00
50.00	4.30	1.21	0.00
55.00	4.30	1.21	0.00
60.00	4.30	1.21	0.00
65.00	4.30	1.21	0.00
70.00	4.30	1.21	0.00
75.00	4.30	1.21	0.00
80.00	4.30	1.21	0.00
85.00	4.30	1.21	0.00
90.00	4.30	1.21	0.00
95.00	4.30	1.21	0.00
100.00	4.30	1.21	0.00
105.00	4.30	1.21	0.00
110.00	4.30	1.21	0.00
115.00	4.30	1.21	0.00
120.00	4.30	1.21	0.00
125.00	4.30	1.21	0.00
130.00	4.30	1.21	0.00
135.00	4.30	1.21	0.00
140.00	4.30	1.21	0.00
145.00	4.30	1.21	0.00
150.00	4.30	1.21	0.00
155.00	4.30	1.21	0.00
160.00	4.30	1.21	0.00
165.00	4.30	1.21	0.00
170.00	4.30	1.21	0.00
175.00	4.30	1.21	0.00
180.00	4.30	1.21	0.00
185.00	4.30	1.21	0.00
190.00	4.30	1.21	0.00
195.00	4.30	1.21	0.00
200.00	4.30	1.21	0.00
205.00	4.30	1.21	0.00
210.00	4.30	1.21	0.00
215.00	4.30	1.21	0.00
220.00	4.30	1.21	0.00
225.00	4.30	1.21	0.00
230.00	4.30	1.21	0.00
235.00	4.30	1.21	0.00
240.00	4.30	1.21	0.00
245.00	4.30	1.21	0.00
250.00	4.30	1.21	0.00
255.00	4.30	1.21	0.00
260.00	4.30	1.21	0.00
265.00	4.30	1.21	0.00
270.00	4.30	1.21	0.00
275.00	4.30	1.21	0.00
280.00	4.30	1.21	0.00
285.00	4.30	1.21	0.00
290.00	4.30	1.21	0.00
295.00	4.30	1.21	0.00
300.00	4.30	1.21	0.00
305.00	4.30	1.21	0.00
310.00	4.30	1.21	0.00
315.00	4.30	1.21	0.00
320.00	4.30	1.21	0.00
325.00	4.30	1.21	0.00
330.00	4.30	1.21	0.00
335.00	4.30	1.21	0.00
340.00	4.30	1.21	0.00
345.00	4.30	1.21	0.00
350.00	4.30	1.21	0.00
355.00	4.30	1.21	0.00
360.00	4.30	1.21	0.00
365.00	4.30	1.21	0.00
370.00	4.30	1.21	0.00
375.00	4.30	1.21	0.00
380.00	4.30	1.21	0.00
385.00	4.30	1.21	0.00
390.00	4.30	1.21	0.00
395.00	4.30	1.21	0.00
400.00	4.30	1.21	0.00
405.00	4.30	1.21	0.00
410.00	4.30	1.21	0.00
415.00	4.30	1.21	0.00
420.00	4.30	1.21	0.00
425.00	4.30	1.21	0.00
430.00	4.30	1.21	0.00
435.00	4.30	1.21	0.00
440.00	4.30	1.21	0.00
445.00	4.30	1.21	0.00
450.00	4.30	1.21	0.00
455.00	4.30	1.21	0.00
460.00	4.30	1.21	0.00
465.00	4.30	1.21	0.00
470.00	4.30	1.21	0.00
475.00	4.30	1.21	0.00
480.00	4.30	1.21	0.00
485.00	4.30	1.21	0.00
490.00	4.30	1.21	0.00
495.00	4.30	1.21	0.00
500.00	4.30	1.21	0.00

Summary for Subcatchment 2: Pre - West

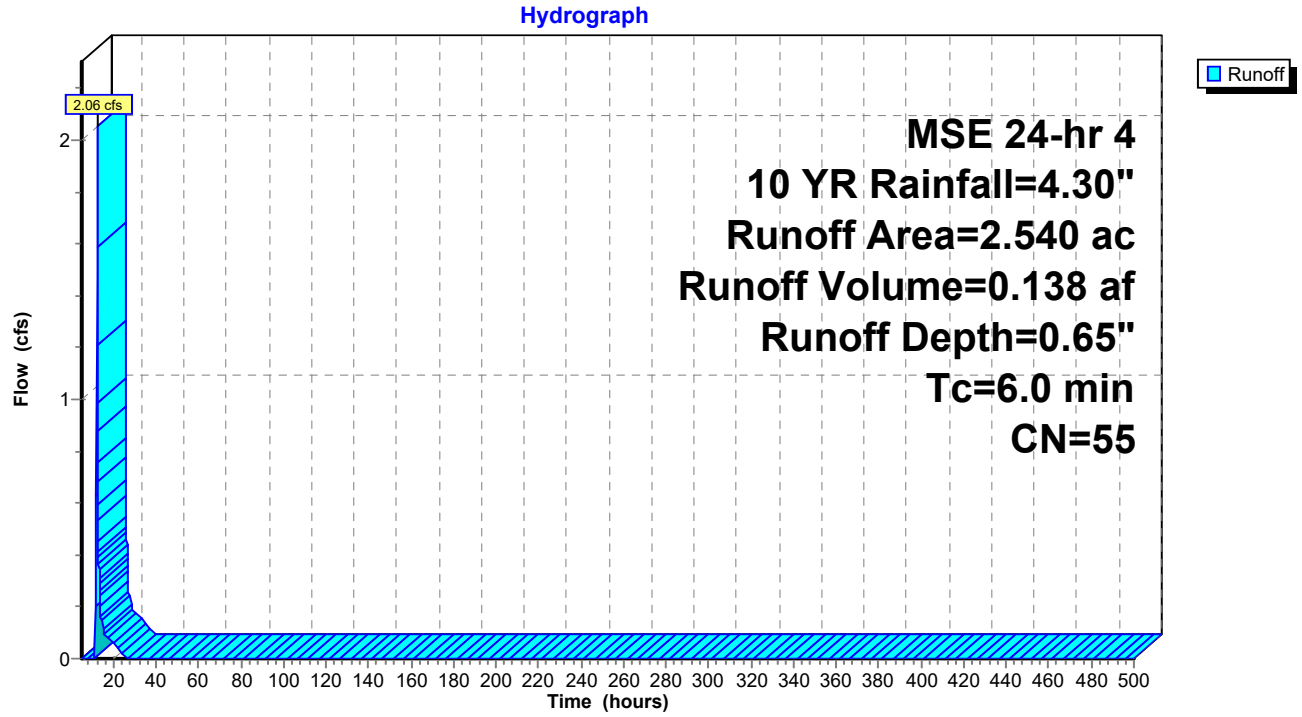
Runoff = 2.06 cfs @ 12.15 hrs, Volume= 0.138 af, Depth= 0.65"
Routed to Link 1L : Total Pre - Development

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 10 YR Rainfall=4.30"

	Area (ac)	CN	Description
*	2.540	55	Pre Dev - B Soils
	2.540		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 2: Pre - West



Hydrograph for Subcatchment 2: Pre - West

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.20	0.00	0.00	260.00	4.30	0.65	0.00
10.00	0.68	0.00	**0.00**	265.00	4.30	0.65	0.00
15.00	3.78	0.44	**0.14**	270.00	4.30	0.65	0.00
20.00	**4.16**	**0.60**	0.06	275.00	4.30	0.65	0.00
25.00	**4.30**	**0.65**	0.00	280.00	4.30	0.65	0.00
30.00	4.30	0.65	0.00	285.00	4.30	0.65	0.00
35.00	4.30	0.65	0.00	290.00	4.30	0.65	0.00
40.00	4.30	0.65	0.00	295.00	4.30	0.65	0.00
45.00	4.30	0.65	0.00	300.00	4.30	0.65	0.00
50.00	4.30	0.65	0.00	305.00	4.30	0.65	0.00
55.00	4.30	0.65	0.00	310.00	4.30	0.65	0.00
60.00	4.30	0.65	0.00	315.00	4.30	0.65	0.00
65.00	4.30	0.65	0.00	320.00	4.30	0.65	0.00
70.00	4.30	0.65	0.00	325.00	4.30	0.65	0.00
75.00	4.30	0.65	0.00	330.00	4.30	0.65	0.00
80.00	4.30	0.65	0.00	335.00	4.30	0.65	0.00
85.00	4.30	0.65	0.00	340.00	4.30	0.65	0.00
90.00	4.30	0.65	0.00	345.00	4.30	0.65	0.00
95.00	4.30	0.65	0.00	350.00	4.30	0.65	0.00
100.00	4.30	0.65	0.00	355.00	4.30	0.65	0.00
105.00	4.30	0.65	0.00	360.00	4.30	0.65	0.00
110.00	4.30	0.65	0.00	365.00	4.30	0.65	0.00
115.00	4.30	0.65	0.00	370.00	4.30	0.65	0.00
120.00	4.30	0.65	0.00	375.00	4.30	0.65	0.00
125.00	4.30	0.65	0.00	380.00	4.30	0.65	0.00
130.00	4.30	0.65	0.00	385.00	4.30	0.65	0.00
135.00	4.30	0.65	0.00	390.00	4.30	0.65	0.00
140.00	4.30	0.65	0.00	395.00	4.30	0.65	0.00
145.00	4.30	0.65	0.00	400.00	4.30	0.65	0.00
150.00	4.30	0.65	0.00	405.00	4.30	0.65	0.00
155.00	4.30	0.65	0.00	410.00	4.30	0.65	0.00
160.00	4.30	0.65	0.00	415.00	4.30	0.65	0.00
165.00	4.30	0.65	0.00	420.00	4.30	0.65	0.00
170.00	4.30	0.65	0.00	425.00	4.30	0.65	0.00
175.00	4.30	0.65	0.00	430.00	4.30	0.65	0.00
180.00	4.30	0.65	0.00	435.00	4.30	0.65	0.00
185.00	4.30	0.65	0.00	440.00	4.30	0.65	0.00
190.00	4.30	0.65	0.00	445.00	4.30	0.65	0.00
195.00	4.30	0.65	0.00	450.00	4.30	0.65	0.00
200.00	4.30	0.65	0.00	455.00	4.30	0.65	0.00
205.00	4.30	0.65	0.00	460.00	4.30	0.65	0.00
210.00	4.30	0.65	0.00	465.00	4.30	0.65	0.00
215.00	4.30	0.65	0.00	470.00	4.30	0.65	0.00
220.00	4.30	0.65	0.00	475.00	4.30	0.65	0.00
225.00	4.30	0.65	0.00	480.00	4.30	0.65	0.00
230.00	4.30	0.65	0.00	485.00	4.30	0.65	0.00
235.00	4.30	0.65	0.00	490.00	4.30	0.65	0.00
240.00	4.30	0.65	0.00	495.00	4.30	0.65	0.00
245.00	4.30	0.65	0.00	500.00	4.30	0.65	0.00
250.00	4.30	0.65	0.00				
255.00	4.30	0.65	0.00				

Summary for Subcatchment 2A: Post 2A - Offsite

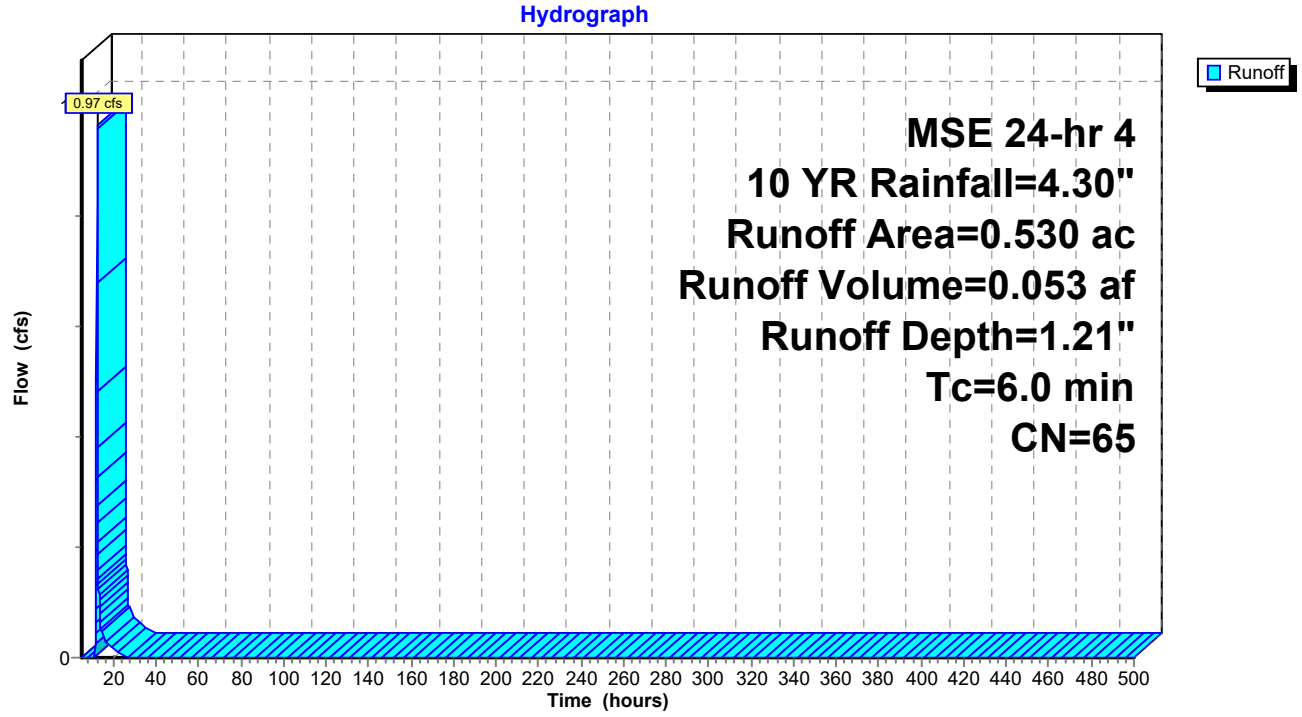
Runoff = 0.97 cfs @ 12.14 hrs, Volume= 0.053 af, Depth= 1.21"
Routed to Link 2L : Total Post - Development

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 10 YR Rainfall=4.30"

	Area (ac)	CN	Description
*	0.060	98	Impervious
*	0.470	61	Post - B Soils
*	0.000	74	Post - C Soils
	0.530	65	Weighted Average
	0.470		88.68% Pervious Area
	0.060		11.32% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 2A: Post 2A - Offsite



Hydrograph for Subcatchment 2A: Post 2A - Offsite

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.20	0.00	0.00
10.00	0.68	0.00	**0.00**
15.00	3.78	0.90	**0.05**
20.00	**4.16**	**1.12**	0.02
25.00	**4.30**	**1.21**	0.00
30.00	4.30	1.21	0.00
35.00	4.30	1.21	0.00
40.00	4.30	1.21	0.00
45.00	4.30	1.21	0.00
50.00	4.30	1.21	0.00
55.00	4.30	1.21	0.00
60.00	4.30	1.21	0.00
65.00	4.30	1.21	0.00
70.00	4.30	1.21	0.00
75.00	4.30	1.21	0.00
80.00	4.30	1.21	0.00
85.00	4.30	1.21	0.00
90.00	4.30	1.21	0.00
95.00	4.30	1.21	0.00
100.00	4.30	1.21	0.00
105.00	4.30	1.21	0.00
110.00	4.30	1.21	0.00
115.00	4.30	1.21	0.00
120.00	4.30	1.21	0.00
125.00	4.30	1.21	0.00
130.00	4.30	1.21	0.00
135.00	4.30	1.21	0.00
140.00	4.30	1.21	0.00
145.00	4.30	1.21	0.00
150.00	4.30	1.21	0.00
155.00	4.30	1.21	0.00
160.00	4.30	1.21	0.00
165.00	4.30	1.21	0.00
170.00	4.30	1.21	0.00
175.00	4.30	1.21	0.00
180.00	4.30	1.21	0.00
185.00	4.30	1.21	0.00
190.00	4.30	1.21	0.00
195.00	4.30	1.21	0.00
200.00	4.30	1.21	0.00
205.00	4.30	1.21	0.00
210.00	4.30	1.21	0.00
215.00	4.30	1.21	0.00
220.00	4.30	1.21	0.00
225.00	4.30	1.21	0.00
230.00	4.30	1.21	0.00
235.00	4.30	1.21	0.00
240.00	4.30	1.21	0.00
245.00	4.30	1.21	0.00
250.00	4.30	1.21	0.00
255.00	4.30	1.21	0.00
260.00	4.30	1.21	0.00
265.00	4.30	1.21	0.00
270.00	4.30	1.21	0.00
275.00	4.30	1.21	0.00
280.00	4.30	1.21	0.00
285.00	4.30	1.21	0.00
290.00	4.30	1.21	0.00
295.00	4.30	1.21	0.00
300.00	4.30	1.21	0.00
305.00	4.30	1.21	0.00
310.00	4.30	1.21	0.00
315.00	4.30	1.21	0.00
320.00	4.30	1.21	0.00
325.00	4.30	1.21	0.00
330.00	4.30	1.21	0.00
335.00	4.30	1.21	0.00
340.00	4.30	1.21	0.00
345.00	4.30	1.21	0.00
350.00	4.30	1.21	0.00
355.00	4.30	1.21	0.00
360.00	4.30	1.21	0.00
365.00	4.30	1.21	0.00
370.00	4.30	1.21	0.00
375.00	4.30	1.21	0.00
380.00	4.30	1.21	0.00
385.00	4.30	1.21	0.00
390.00	4.30	1.21	0.00
395.00	4.30	1.21	0.00
400.00	4.30	1.21	0.00
405.00	4.30	1.21	0.00
410.00	4.30	1.21	0.00
415.00	4.30	1.21	0.00
420.00	4.30	1.21	0.00
425.00	4.30	1.21	0.00
430.00	4.30	1.21	0.00
435.00	4.30	1.21	0.00
440.00	4.30	1.21	0.00
445.00	4.30	1.21	0.00
450.00	4.30	1.21	0.00
455.00	4.30	1.21	0.00
460.00	4.30	1.21	0.00
465.00	4.30	1.21	0.00
470.00	4.30	1.21	0.00
475.00	4.30	1.21	0.00
480.00	4.30	1.21	0.00
485.00	4.30	1.21	0.00
490.00	4.30	1.21	0.00
495.00	4.30	1.21	0.00
500.00	4.30	1.21	0.00

Summary for Subcatchment 3: Pre - North

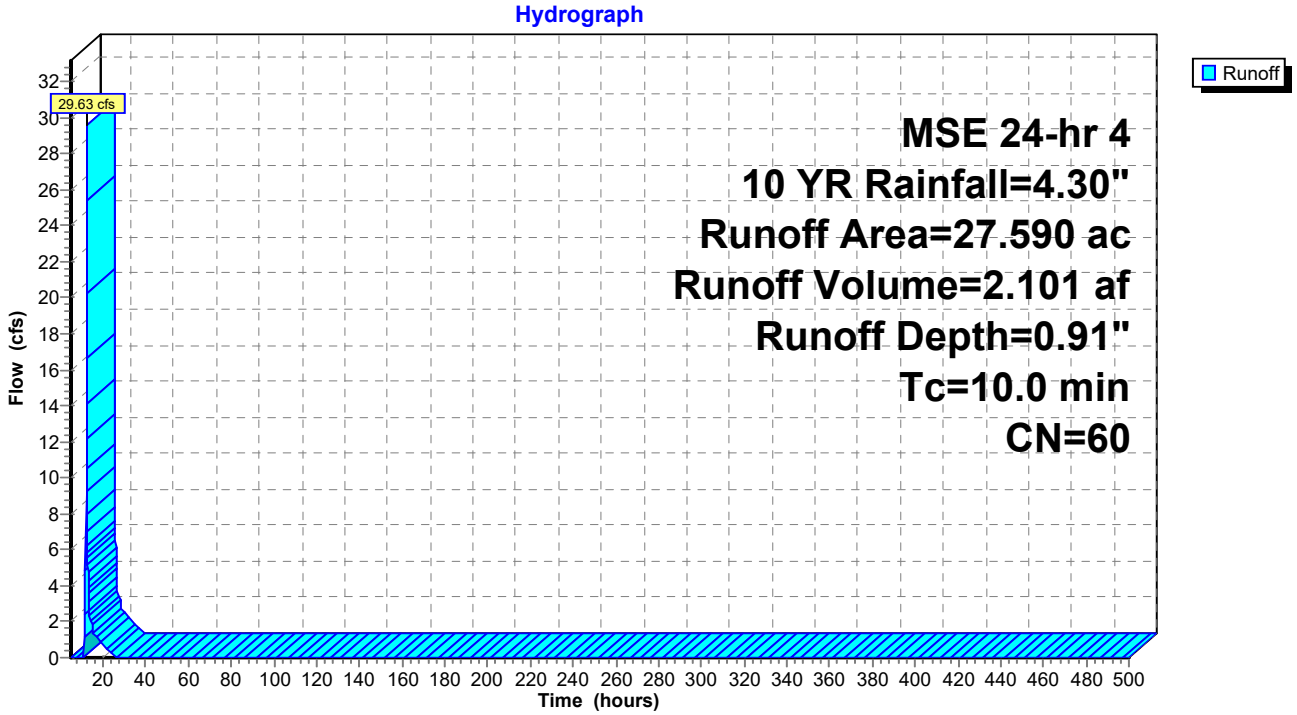
Runoff = 29.63 cfs @ 12.20 hrs, Volume= 2.101 af, Depth= 0.91"
Routed to Link 1L : Total Pre - Development

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 10 YR Rainfall=4.30"

	Area (ac)	CN	Description
*	18.190	55	Pre Dev - B Soils
*	9.400	70	Pre Dev - C Soils
	27.590	60	Weighted Average
	27.590		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					**Direct Entry,**

Subcatchment 3: Pre - North



Hydrograph for Subcatchment 3: Pre - North

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.20	0.00	0.00
10.00	0.68	0.00	**0.00**
15.00	3.78	0.66	**1.97**
20.00	**4.16**	**0.84**	0.77
25.00	**4.30**	**0.91**	0.00
30.00	4.30	0.91	0.00
35.00	4.30	0.91	0.00
40.00	4.30	0.91	0.00
45.00	4.30	0.91	0.00
50.00	4.30	0.91	0.00
55.00	4.30	0.91	0.00
60.00	4.30	0.91	0.00
65.00	4.30	0.91	0.00
70.00	4.30	0.91	0.00
75.00	4.30	0.91	0.00
80.00	4.30	0.91	0.00
85.00	4.30	0.91	0.00
90.00	4.30	0.91	0.00
95.00	4.30	0.91	0.00
100.00	4.30	0.91	0.00
105.00	4.30	0.91	0.00
110.00	4.30	0.91	0.00
115.00	4.30	0.91	0.00
120.00	4.30	0.91	0.00
125.00	4.30	0.91	0.00
130.00	4.30	0.91	0.00
135.00	4.30	0.91	0.00
140.00	4.30	0.91	0.00
145.00	4.30	0.91	0.00
150.00	4.30	0.91	0.00
155.00	4.30	0.91	0.00
160.00	4.30	0.91	0.00
165.00	4.30	0.91	0.00
170.00	4.30	0.91	0.00
175.00	4.30	0.91	0.00
180.00	4.30	0.91	0.00
185.00	4.30	0.91	0.00
190.00	4.30	0.91	0.00
195.00	4.30	0.91	0.00
200.00	4.30	0.91	0.00
205.00	4.30	0.91	0.00
210.00	4.30	0.91	0.00
215.00	4.30	0.91	0.00
220.00	4.30	0.91	0.00
225.00	4.30	0.91	0.00
230.00	4.30	0.91	0.00
235.00	4.30	0.91	0.00
240.00	4.30	0.91	0.00
245.00	4.30	0.91	0.00
250.00	4.30	0.91	0.00
255.00	4.30	0.91	0.00
260.00	4.30	0.91	0.00
265.00	4.30	0.91	0.00
270.00	4.30	0.91	0.00
275.00	4.30	0.91	0.00
280.00	4.30	0.91	0.00
285.00	4.30	0.91	0.00
290.00	4.30	0.91	0.00
295.00	4.30	0.91	0.00
300.00	4.30	0.91	0.00
305.00	4.30	0.91	0.00
310.00	4.30	0.91	0.00
315.00	4.30	0.91	0.00
320.00	4.30	0.91	0.00
325.00	4.30	0.91	0.00
330.00	4.30	0.91	0.00
335.00	4.30	0.91	0.00
340.00	4.30	0.91	0.00
345.00	4.30	0.91	0.00
350.00	4.30	0.91	0.00
355.00	4.30	0.91	0.00
360.00	4.30	0.91	0.00
365.00	4.30	0.91	0.00
370.00	4.30	0.91	0.00
375.00	4.30	0.91	0.00
380.00	4.30	0.91	0.00
385.00	4.30	0.91	0.00
390.00	4.30	0.91	0.00
395.00	4.30	0.91	0.00
400.00	4.30	0.91	0.00
405.00	4.30	0.91	0.00
410.00	4.30	0.91	0.00
415.00	4.30	0.91	0.00
420.00	4.30	0.91	0.00
425.00	4.30	0.91	0.00
430.00	4.30	0.91	0.00
435.00	4.30	0.91	0.00
440.00	4.30	0.91	0.00
445.00	4.30	0.91	0.00
450.00	4.30	0.91	0.00
455.00	4.30	0.91	0.00
460.00	4.30	0.91	0.00
465.00	4.30	0.91	0.00
470.00	4.30	0.91	0.00
475.00	4.30	0.91	0.00
480.00	4.30	0.91	0.00
485.00	4.30	0.91	0.00
490.00	4.30	0.91	0.00
495.00	4.30	0.91	0.00
500.00	4.30	0.91	0.00

Summary for Subcatchment 3A: Post 3A

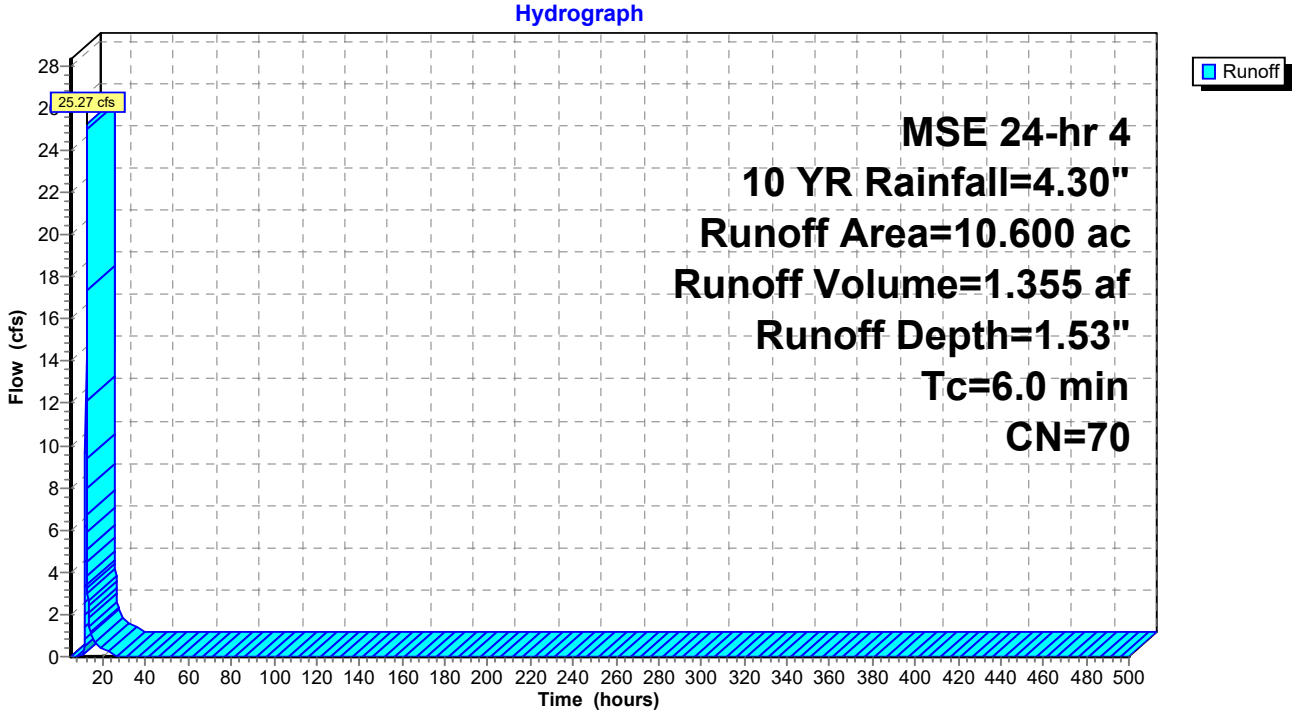
Runoff = 25.27 cfs @ 12.14 hrs, Volume= 1.355 af, Depth= 1.53"
Routed to Pond P3A : Pond 3A

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 10 YR Rainfall=4.30"

	Area (ac)	CN	Description
*	1.970	98	Impervious
*	6.570	61	Post - B Soils
*	2.060	74	Post - C Soils
	10.600	70	Weighted Average
	8.630		81.42% Pervious Area
	1.970		18.58% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3A: Post 3A



Hydrograph for Subcatchment 3A: Post 3A

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.20	0.00	0.00
10.00	0.68	0.00	**0.00**
15.00	3.78	1.18	**1.05**
20.00	**4.16**	**1.44**	0.39
25.00	**4.30**	**1.53**	0.00
30.00	4.30	1.53	0.00
35.00	4.30	1.53	0.00
40.00	4.30	1.53	0.00
45.00	4.30	1.53	0.00
50.00	4.30	1.53	0.00
55.00	4.30	1.53	0.00
60.00	4.30	1.53	0.00
65.00	4.30	1.53	0.00
70.00	4.30	1.53	0.00
75.00	4.30	1.53	0.00
80.00	4.30	1.53	0.00
85.00	4.30	1.53	0.00
90.00	4.30	1.53	0.00
95.00	4.30	1.53	0.00
100.00	4.30	1.53	0.00
105.00	4.30	1.53	0.00
110.00	4.30	1.53	0.00
115.00	4.30	1.53	0.00
120.00	4.30	1.53	0.00
125.00	4.30	1.53	0.00
130.00	4.30	1.53	0.00
135.00	4.30	1.53	0.00
140.00	4.30	1.53	0.00
145.00	4.30	1.53	0.00
150.00	4.30	1.53	0.00
155.00	4.30	1.53	0.00
160.00	4.30	1.53	0.00
165.00	4.30	1.53	0.00
170.00	4.30	1.53	0.00
175.00	4.30	1.53	0.00
180.00	4.30	1.53	0.00
185.00	4.30	1.53	0.00
190.00	4.30	1.53	0.00
195.00	4.30	1.53	0.00
200.00	4.30	1.53	0.00
205.00	4.30	1.53	0.00
210.00	4.30	1.53	0.00
215.00	4.30	1.53	0.00
220.00	4.30	1.53	0.00
225.00	4.30	1.53	0.00
230.00	4.30	1.53	0.00
235.00	4.30	1.53	0.00
240.00	4.30	1.53	0.00
245.00	4.30	1.53	0.00
250.00	4.30	1.53	0.00
255.00	4.30	1.53	0.00
260.00	4.30	1.53	0.00
265.00	4.30	1.53	0.00
270.00	4.30	1.53	0.00
275.00	4.30	1.53	0.00
280.00	4.30	1.53	0.00
285.00	4.30	1.53	0.00
290.00	4.30	1.53	0.00
295.00	4.30	1.53	0.00
300.00	4.30	1.53	0.00
305.00	4.30	1.53	0.00
310.00	4.30	1.53	0.00
315.00	4.30	1.53	0.00
320.00	4.30	1.53	0.00
325.00	4.30	1.53	0.00
330.00	4.30	1.53	0.00
335.00	4.30	1.53	0.00
340.00	4.30	1.53	0.00
345.00	4.30	1.53	0.00
350.00	4.30	1.53	0.00
355.00	4.30	1.53	0.00
360.00	4.30	1.53	0.00
365.00	4.30	1.53	0.00
370.00	4.30	1.53	0.00
375.00	4.30	1.53	0.00
380.00	4.30	1.53	0.00
385.00	4.30	1.53	0.00
390.00	4.30	1.53	0.00
395.00	4.30	1.53	0.00
400.00	4.30	1.53	0.00
405.00	4.30	1.53	0.00
410.00	4.30	1.53	0.00
415.00	4.30	1.53	0.00
420.00	4.30	1.53	0.00
425.00	4.30	1.53	0.00
430.00	4.30	1.53	0.00
435.00	4.30	1.53	0.00
440.00	4.30	1.53	0.00
445.00	4.30	1.53	0.00
450.00	4.30	1.53	0.00
455.00	4.30	1.53	0.00
460.00	4.30	1.53	0.00
465.00	4.30	1.53	0.00
470.00	4.30	1.53	0.00
475.00	4.30	1.53	0.00
480.00	4.30	1.53	0.00
485.00	4.30	1.53	0.00
490.00	4.30	1.53	0.00
495.00	4.30	1.53	0.00
500.00	4.30	1.53	0.00

Summary for Subcatchment 3B: Post 3B

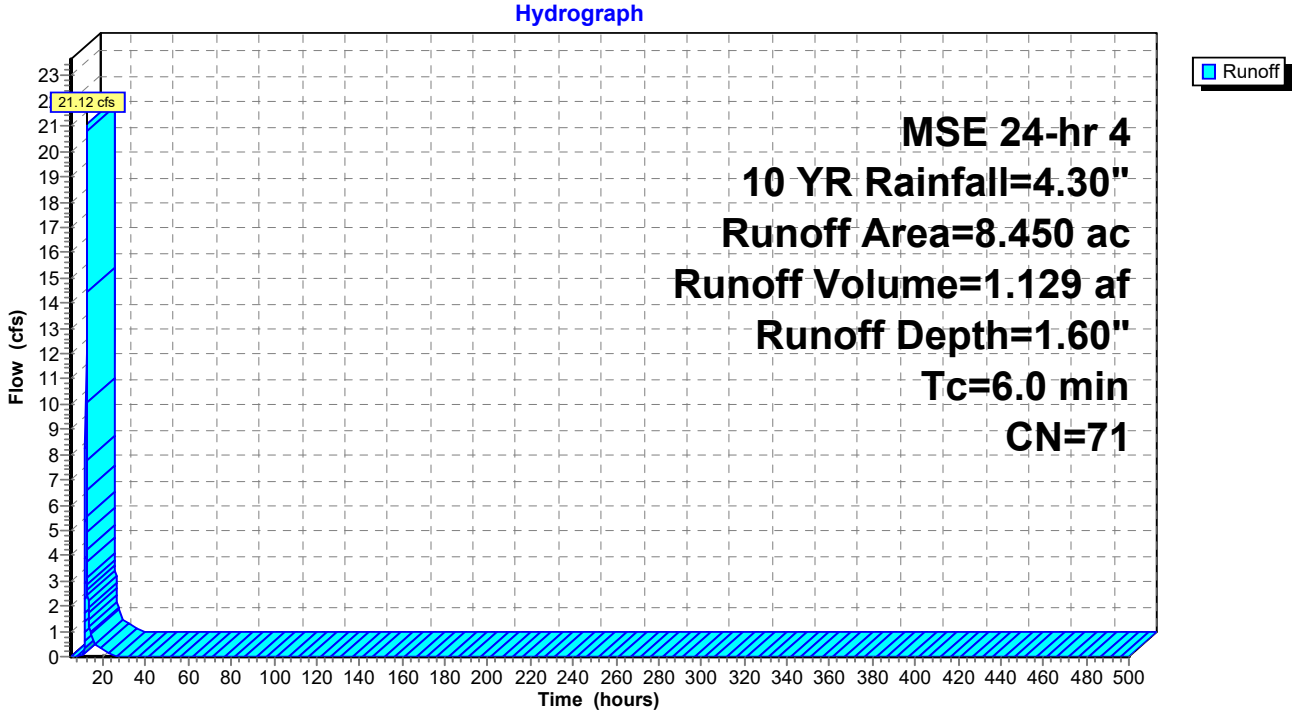
Runoff = 21.12 cfs @ 12.14 hrs, Volume= 1.129 af, Depth= 1.60"
Routed to Pond P3B : Pond 3B

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 10 YR Rainfall=4.30"

	Area (ac)	CN	Description
*	1.680	98	Impervious
*	5.290	61	Post - B Soils
*	1.480	74	Post - C Soils
	8.450	71	Weighted Average
	6.770		80.12% Pervious Area
	1.680		19.88% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3B: Post 3B



Hydrograph for Subcatchment 3B: Post 3B

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.20	0.00	0.00
10.00	0.68	0.00	**0.00**
15.00	3.78	1.25	**0.86**
20.00	**4.16**	**1.51**	0.32
25.00	**4.30**	**1.60**	0.00
30.00	4.30	1.60	0.00
35.00	4.30	1.60	0.00
40.00	4.30	1.60	0.00
45.00	4.30	1.60	0.00
50.00	4.30	1.60	0.00
55.00	4.30	1.60	0.00
60.00	4.30	1.60	0.00
65.00	4.30	1.60	0.00
70.00	4.30	1.60	0.00
75.00	4.30	1.60	0.00
80.00	4.30	1.60	0.00
85.00	4.30	1.60	0.00
90.00	4.30	1.60	0.00
95.00	4.30	1.60	0.00
100.00	4.30	1.60	0.00
105.00	4.30	1.60	0.00
110.00	4.30	1.60	0.00
115.00	4.30	1.60	0.00
120.00	4.30	1.60	0.00
125.00	4.30	1.60	0.00
130.00	4.30	1.60	0.00
135.00	4.30	1.60	0.00
140.00	4.30	1.60	0.00
145.00	4.30	1.60	0.00
150.00	4.30	1.60	0.00
155.00	4.30	1.60	0.00
160.00	4.30	1.60	0.00
165.00	4.30	1.60	0.00
170.00	4.30	1.60	0.00
175.00	4.30	1.60	0.00
180.00	4.30	1.60	0.00
185.00	4.30	1.60	0.00
190.00	4.30	1.60	0.00
195.00	4.30	1.60	0.00
200.00	4.30	1.60	0.00
205.00	4.30	1.60	0.00
210.00	4.30	1.60	0.00
215.00	4.30	1.60	0.00
220.00	4.30	1.60	0.00
225.00	4.30	1.60	0.00
230.00	4.30	1.60	0.00
235.00	4.30	1.60	0.00
240.00	4.30	1.60	0.00
245.00	4.30	1.60	0.00
250.00	4.30	1.60	0.00
255.00	4.30	1.60	0.00
260.00	4.30	1.60	0.00
265.00	4.30	1.60	0.00
270.00	4.30	1.60	0.00
275.00	4.30	1.60	0.00
280.00	4.30	1.60	0.00
285.00	4.30	1.60	0.00
290.00	4.30	1.60	0.00
295.00	4.30	1.60	0.00
300.00	4.30	1.60	0.00
305.00	4.30	1.60	0.00
310.00	4.30	1.60	0.00
315.00	4.30	1.60	0.00
320.00	4.30	1.60	0.00
325.00	4.30	1.60	0.00
330.00	4.30	1.60	0.00
335.00	4.30	1.60	0.00
340.00	4.30	1.60	0.00
345.00	4.30	1.60	0.00
350.00	4.30	1.60	0.00
355.00	4.30	1.60	0.00
360.00	4.30	1.60	0.00
365.00	4.30	1.60	0.00
370.00	4.30	1.60	0.00
375.00	4.30	1.60	0.00
380.00	4.30	1.60	0.00
385.00	4.30	1.60	0.00
390.00	4.30	1.60	0.00
395.00	4.30	1.60	0.00
400.00	4.30	1.60	0.00
405.00	4.30	1.60	0.00
410.00	4.30	1.60	0.00
415.00	4.30	1.60	0.00
420.00	4.30	1.60	0.00
425.00	4.30	1.60	0.00
430.00	4.30	1.60	0.00
435.00	4.30	1.60	0.00
440.00	4.30	1.60	0.00
445.00	4.30	1.60	0.00
450.00	4.30	1.60	0.00
455.00	4.30	1.60	0.00
460.00	4.30	1.60	0.00
465.00	4.30	1.60	0.00
470.00	4.30	1.60	0.00
475.00	4.30	1.60	0.00
480.00	4.30	1.60	0.00
485.00	4.30	1.60	0.00
490.00	4.30	1.60	0.00
495.00	4.30	1.60	0.00
500.00	4.30	1.60	0.00

Summary for Subcatchment 3C: Post 3C

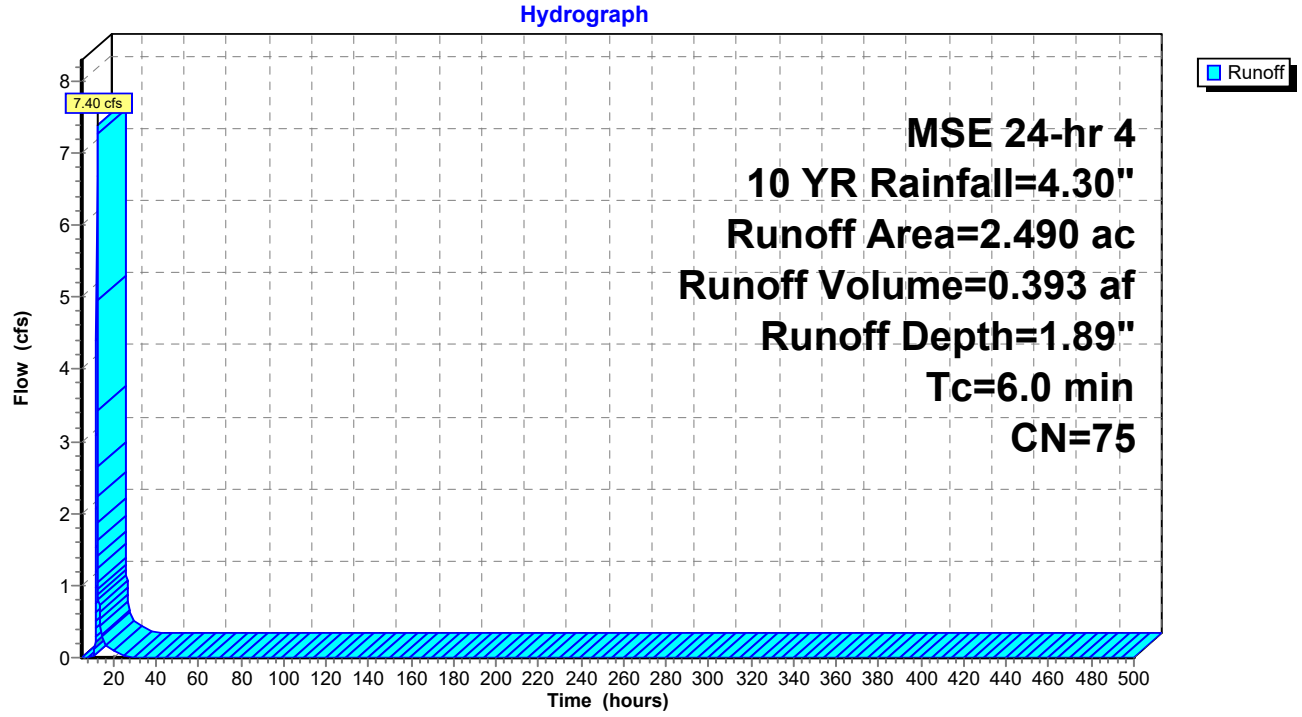
Runoff = 7.40 cfs @ 12.14 hrs, Volume= 0.393 af, Depth= 1.89"
Routed to Pond P3C : Pond 3C

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 10 YR Rainfall=4.30"

	Area (ac)	CN	Description
*	0.570	98	Impervious
*	0.800	61	Post - B Soils
*	1.120	74	Post - C Soils
	2.490	75	Weighted Average
	1.920		77.11% Pervious Area
	0.570		22.89% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3C: Post 3C



Hydrograph for Subcatchment 3C: Post 3C

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.20	0.00	0.00	260.00	4.30	1.89	0.00
10.00	0.68	0.00	**0.00**	265.00	4.30	1.89	0.00
15.00	3.78	1.50	**0.28**	270.00	4.30	1.89	0.00
20.00	**4.16**	**1.79**	0.10	275.00	4.30	1.89	0.00
25.00	**4.30**	**1.89**	0.00	280.00	4.30	1.89	0.00
30.00	4.30	1.89	0.00	285.00	4.30	1.89	0.00
35.00	4.30	1.89	0.00	290.00	4.30	1.89	0.00
40.00	4.30	1.89	0.00	295.00	4.30	1.89	0.00
45.00	4.30	1.89	0.00	300.00	4.30	1.89	0.00
50.00	4.30	1.89	0.00	305.00	4.30	1.89	0.00
55.00	4.30	1.89	0.00	310.00	4.30	1.89	0.00
60.00	4.30	1.89	0.00	315.00	4.30	1.89	0.00
65.00	4.30	1.89	0.00	320.00	4.30	1.89	0.00
70.00	4.30	1.89	0.00	325.00	4.30	1.89	0.00
75.00	4.30	1.89	0.00	330.00	4.30	1.89	0.00
80.00	4.30	1.89	0.00	335.00	4.30	1.89	0.00
85.00	4.30	1.89	0.00	340.00	4.30	1.89	0.00
90.00	4.30	1.89	0.00	345.00	4.30	1.89	0.00
95.00	4.30	1.89	0.00	350.00	4.30	1.89	0.00
100.00	4.30	1.89	0.00	355.00	4.30	1.89	0.00
105.00	4.30	1.89	0.00	360.00	4.30	1.89	0.00
110.00	4.30	1.89	0.00	365.00	4.30	1.89	0.00
115.00	4.30	1.89	0.00	370.00	4.30	1.89	0.00
120.00	4.30	1.89	0.00	375.00	4.30	1.89	0.00
125.00	4.30	1.89	0.00	380.00	4.30	1.89	0.00
130.00	4.30	1.89	0.00	385.00	4.30	1.89	0.00
135.00	4.30	1.89	0.00	390.00	4.30	1.89	0.00
140.00	4.30	1.89	0.00	395.00	4.30	1.89	0.00
145.00	4.30	1.89	0.00	400.00	4.30	1.89	0.00
150.00	4.30	1.89	0.00	405.00	4.30	1.89	0.00
155.00	4.30	1.89	0.00	410.00	4.30	1.89	0.00
160.00	4.30	1.89	0.00	415.00	4.30	1.89	0.00
165.00	4.30	1.89	0.00	420.00	4.30	1.89	0.00
170.00	4.30	1.89	0.00	425.00	4.30	1.89	0.00
175.00	4.30	1.89	0.00	430.00	4.30	1.89	0.00
180.00	4.30	1.89	0.00	435.00	4.30	1.89	0.00
185.00	4.30	1.89	0.00	440.00	4.30	1.89	0.00
190.00	4.30	1.89	0.00	445.00	4.30	1.89	0.00
195.00	4.30	1.89	0.00	450.00	4.30	1.89	0.00
200.00	4.30	1.89	0.00	455.00	4.30	1.89	0.00
205.00	4.30	1.89	0.00	460.00	4.30	1.89	0.00
210.00	4.30	1.89	0.00	465.00	4.30	1.89	0.00
215.00	4.30	1.89	0.00	470.00	4.30	1.89	0.00
220.00	4.30	1.89	0.00	475.00	4.30	1.89	0.00
225.00	4.30	1.89	0.00	480.00	4.30	1.89	0.00
230.00	4.30	1.89	0.00	485.00	4.30	1.89	0.00
235.00	4.30	1.89	0.00	490.00	4.30	1.89	0.00
240.00	4.30	1.89	0.00	495.00	4.30	1.89	0.00
245.00	4.30	1.89	0.00	500.00	4.30	1.89	0.00
250.00	4.30	1.89	0.00				
255.00	4.30	1.89	0.00				

Summary for Subcatchment 3D: Post 3D

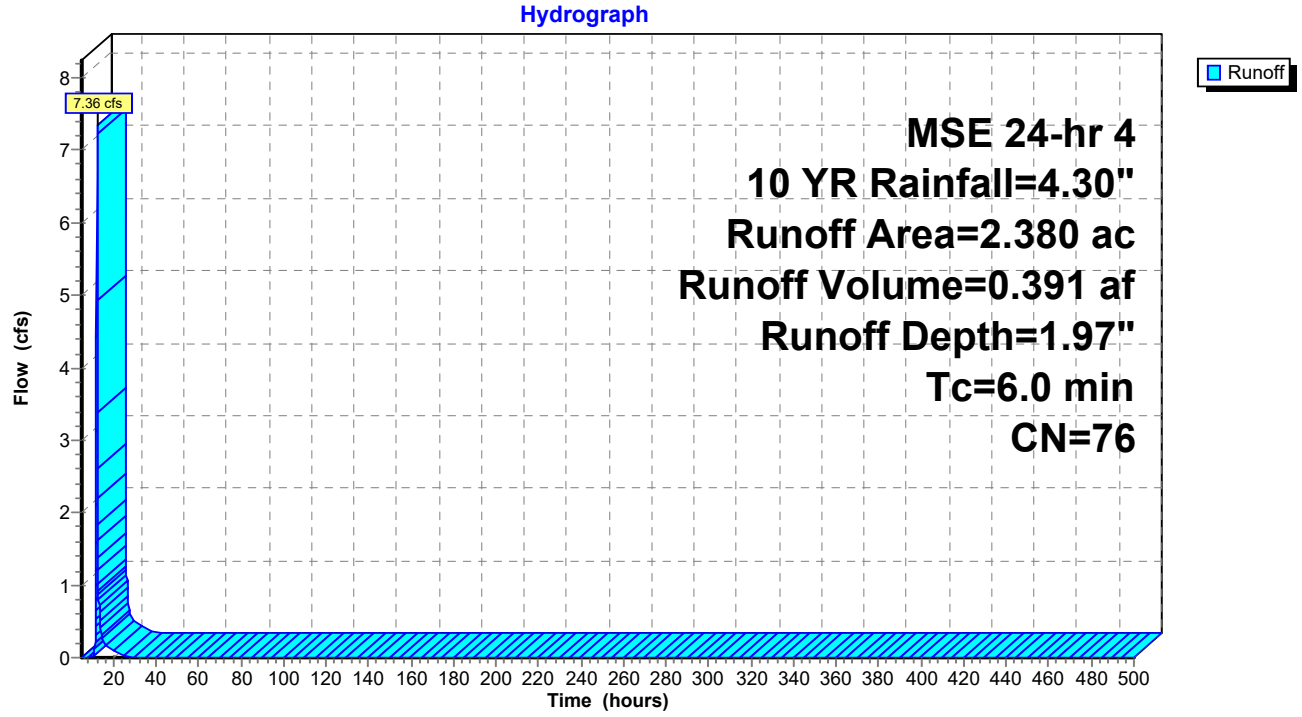
Runoff = 7.36 cfs @ 12.13 hrs, Volume= 0.391 af, Depth= 1.97"
Routed to Pond P3D : Pond 3D

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 10 YR Rainfall=4.30"

	Area (ac)	CN	Description
*	0.570	98	Impervious
*	0.610	61	Post - B Soils
*	1.200	74	Post - C Soils
	2.380	76	Weighted Average
	1.810		76.05% Pervious Area
	0.570		23.95% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3D: Post 3D



Hydrograph for Subcatchment 3D: Post 3D

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.20	0.00	0.00	260.00	4.30	1.97	0.00
10.00	0.68	0.00	**0.01**	265.00	4.30	1.97	0.00
15.00	3.78	1.57	**0.27**	270.00	4.30	1.97	0.00
20.00	**4.16**	**1.86**	0.10	275.00	4.30	1.97	0.00
25.00	**4.30**	**1.97**	0.00	280.00	4.30	1.97	0.00
30.00	4.30	1.97	0.00	285.00	4.30	1.97	0.00
35.00	4.30	1.97	0.00	290.00	4.30	1.97	0.00
40.00	4.30	1.97	0.00	295.00	4.30	1.97	0.00
45.00	4.30	1.97	0.00	300.00	4.30	1.97	0.00
50.00	4.30	1.97	0.00	305.00	4.30	1.97	0.00
55.00	4.30	1.97	0.00	310.00	4.30	1.97	0.00
60.00	4.30	1.97	0.00	315.00	4.30	1.97	0.00
65.00	4.30	1.97	0.00	320.00	4.30	1.97	0.00
70.00	4.30	1.97	0.00	325.00	4.30	1.97	0.00
75.00	4.30	1.97	0.00	330.00	4.30	1.97	0.00
80.00	4.30	1.97	0.00	335.00	4.30	1.97	0.00
85.00	4.30	1.97	0.00	340.00	4.30	1.97	0.00
90.00	4.30	1.97	0.00	345.00	4.30	1.97	0.00
95.00	4.30	1.97	0.00	350.00	4.30	1.97	0.00
100.00	4.30	1.97	0.00	355.00	4.30	1.97	0.00
105.00	4.30	1.97	0.00	360.00	4.30	1.97	0.00
110.00	4.30	1.97	0.00	365.00	4.30	1.97	0.00
115.00	4.30	1.97	0.00	370.00	4.30	1.97	0.00
120.00	4.30	1.97	0.00	375.00	4.30	1.97	0.00
125.00	4.30	1.97	0.00	380.00	4.30	1.97	0.00
130.00	4.30	1.97	0.00	385.00	4.30	1.97	0.00
135.00	4.30	1.97	0.00	390.00	4.30	1.97	0.00
140.00	4.30	1.97	0.00	395.00	4.30	1.97	0.00
145.00	4.30	1.97	0.00	400.00	4.30	1.97	0.00
150.00	4.30	1.97	0.00	405.00	4.30	1.97	0.00
155.00	4.30	1.97	0.00	410.00	4.30	1.97	0.00
160.00	4.30	1.97	0.00	415.00	4.30	1.97	0.00
165.00	4.30	1.97	0.00	420.00	4.30	1.97	0.00
170.00	4.30	1.97	0.00	425.00	4.30	1.97	0.00
175.00	4.30	1.97	0.00	430.00	4.30	1.97	0.00
180.00	4.30	1.97	0.00	435.00	4.30	1.97	0.00
185.00	4.30	1.97	0.00	440.00	4.30	1.97	0.00
190.00	4.30	1.97	0.00	445.00	4.30	1.97	0.00
195.00	4.30	1.97	0.00	450.00	4.30	1.97	0.00
200.00	4.30	1.97	0.00	455.00	4.30	1.97	0.00
205.00	4.30	1.97	0.00	460.00	4.30	1.97	0.00
210.00	4.30	1.97	0.00	465.00	4.30	1.97	0.00
215.00	4.30	1.97	0.00	470.00	4.30	1.97	0.00
220.00	4.30	1.97	0.00	475.00	4.30	1.97	0.00
225.00	4.30	1.97	0.00	480.00	4.30	1.97	0.00
230.00	4.30	1.97	0.00	485.00	4.30	1.97	0.00
235.00	4.30	1.97	0.00	490.00	4.30	1.97	0.00
240.00	4.30	1.97	0.00	495.00	4.30	1.97	0.00
245.00	4.30	1.97	0.00	500.00	4.30	1.97	0.00
250.00	4.30	1.97	0.00				
255.00	4.30	1.97	0.00				

Summary for Subcatchment 3E: Post 3E

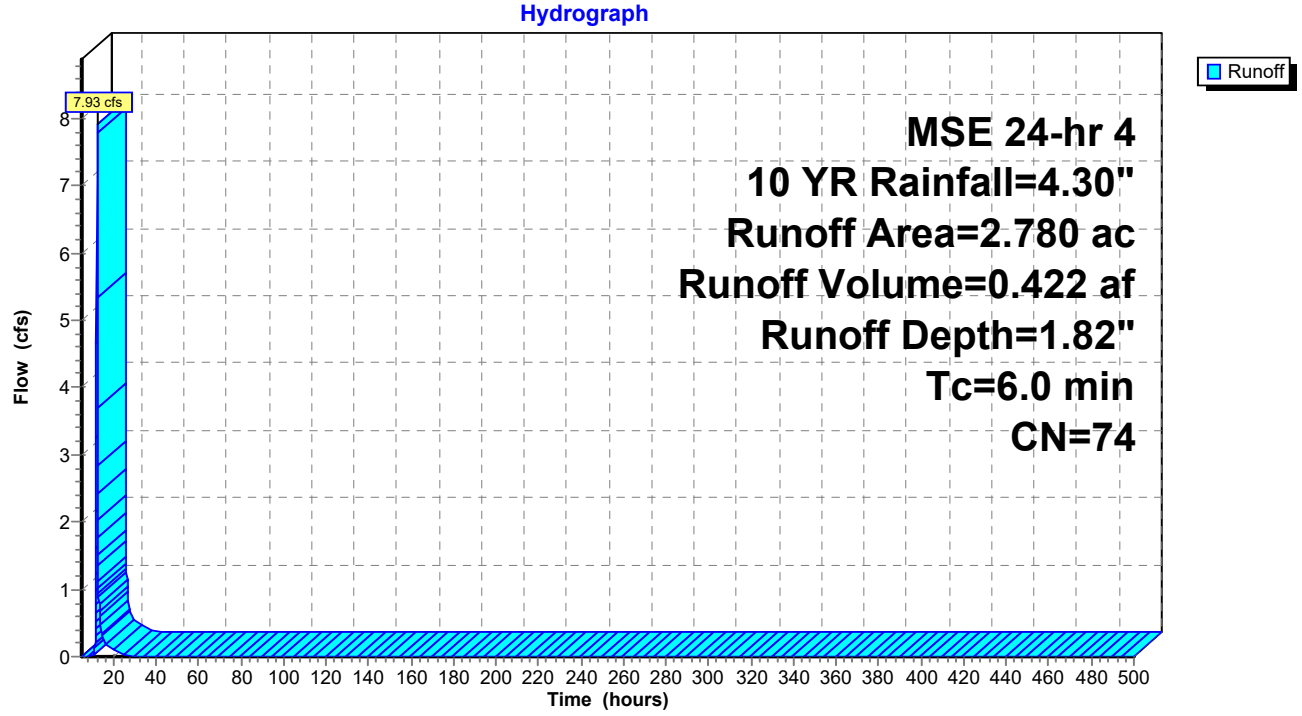
Runoff = 7.93 cfs @ 12.14 hrs, Volume= 0.422 af, Depth= 1.82"
Routed to Pond P3E : Pond 3E

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 10 YR Rainfall=4.30"

	Area (ac)	CN	Description
*	0.530	98	Impervious
*	0.920	61	Post - B Soils
*	1.330	74	Post - C Soils
	2.780	74	Weighted Average
	2.250		80.94% Pervious Area
	0.530		19.06% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3E: Post 3E



Hydrograph for Subcatchment 3E: Post 3E

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.20	0.00	0.00	260.00	4.30	1.82	0.00
10.00	0.68	0.00	**0.00**	265.00	4.30	1.82	0.00
15.00	3.78	1.44	**0.30**	270.00	4.30	1.82	0.00
20.00	**4.16**	**1.72**	0.11	275.00	4.30	1.82	0.00
25.00	**4.30**	**1.82**	0.00	280.00	4.30	1.82	0.00
30.00	4.30	1.82	0.00	285.00	4.30	1.82	0.00
35.00	4.30	1.82	0.00	290.00	4.30	1.82	0.00
40.00	4.30	1.82	0.00	295.00	4.30	1.82	0.00
45.00	4.30	1.82	0.00	300.00	4.30	1.82	0.00
50.00	4.30	1.82	0.00	305.00	4.30	1.82	0.00
55.00	4.30	1.82	0.00	310.00	4.30	1.82	0.00
60.00	4.30	1.82	0.00	315.00	4.30	1.82	0.00
65.00	4.30	1.82	0.00	320.00	4.30	1.82	0.00
70.00	4.30	1.82	0.00	325.00	4.30	1.82	0.00
75.00	4.30	1.82	0.00	330.00	4.30	1.82	0.00
80.00	4.30	1.82	0.00	335.00	4.30	1.82	0.00
85.00	4.30	1.82	0.00	340.00	4.30	1.82	0.00
90.00	4.30	1.82	0.00	345.00	4.30	1.82	0.00
95.00	4.30	1.82	0.00	350.00	4.30	1.82	0.00
100.00	4.30	1.82	0.00	355.00	4.30	1.82	0.00
105.00	4.30	1.82	0.00	360.00	4.30	1.82	0.00
110.00	4.30	1.82	0.00	365.00	4.30	1.82	0.00
115.00	4.30	1.82	0.00	370.00	4.30	1.82	0.00
120.00	4.30	1.82	0.00	375.00	4.30	1.82	0.00
125.00	4.30	1.82	0.00	380.00	4.30	1.82	0.00
130.00	4.30	1.82	0.00	385.00	4.30	1.82	0.00
135.00	4.30	1.82	0.00	390.00	4.30	1.82	0.00
140.00	4.30	1.82	0.00	395.00	4.30	1.82	0.00
145.00	4.30	1.82	0.00	400.00	4.30	1.82	0.00
150.00	4.30	1.82	0.00	405.00	4.30	1.82	0.00
155.00	4.30	1.82	0.00	410.00	4.30	1.82	0.00
160.00	4.30	1.82	0.00	415.00	4.30	1.82	0.00
165.00	4.30	1.82	0.00	420.00	4.30	1.82	0.00
170.00	4.30	1.82	0.00	425.00	4.30	1.82	0.00
175.00	4.30	1.82	0.00	430.00	4.30	1.82	0.00
180.00	4.30	1.82	0.00	435.00	4.30	1.82	0.00
185.00	4.30	1.82	0.00	440.00	4.30	1.82	0.00
190.00	4.30	1.82	0.00	445.00	4.30	1.82	0.00
195.00	4.30	1.82	0.00	450.00	4.30	1.82	0.00
200.00	4.30	1.82	0.00	455.00	4.30	1.82	0.00
205.00	4.30	1.82	0.00	460.00	4.30	1.82	0.00
210.00	4.30	1.82	0.00	465.00	4.30	1.82	0.00
215.00	4.30	1.82	0.00	470.00	4.30	1.82	0.00
220.00	4.30	1.82	0.00	475.00	4.30	1.82	0.00
225.00	4.30	1.82	0.00	480.00	4.30	1.82	0.00
230.00	4.30	1.82	0.00	485.00	4.30	1.82	0.00
235.00	4.30	1.82	0.00	490.00	4.30	1.82	0.00
240.00	4.30	1.82	0.00	495.00	4.30	1.82	0.00
245.00	4.30	1.82	0.00	500.00	4.30	1.82	0.00
250.00	4.30	1.82	0.00				
255.00	4.30	1.82	0.00				

Summary for Subcatchment 3Y: Post 3Y - Offsite

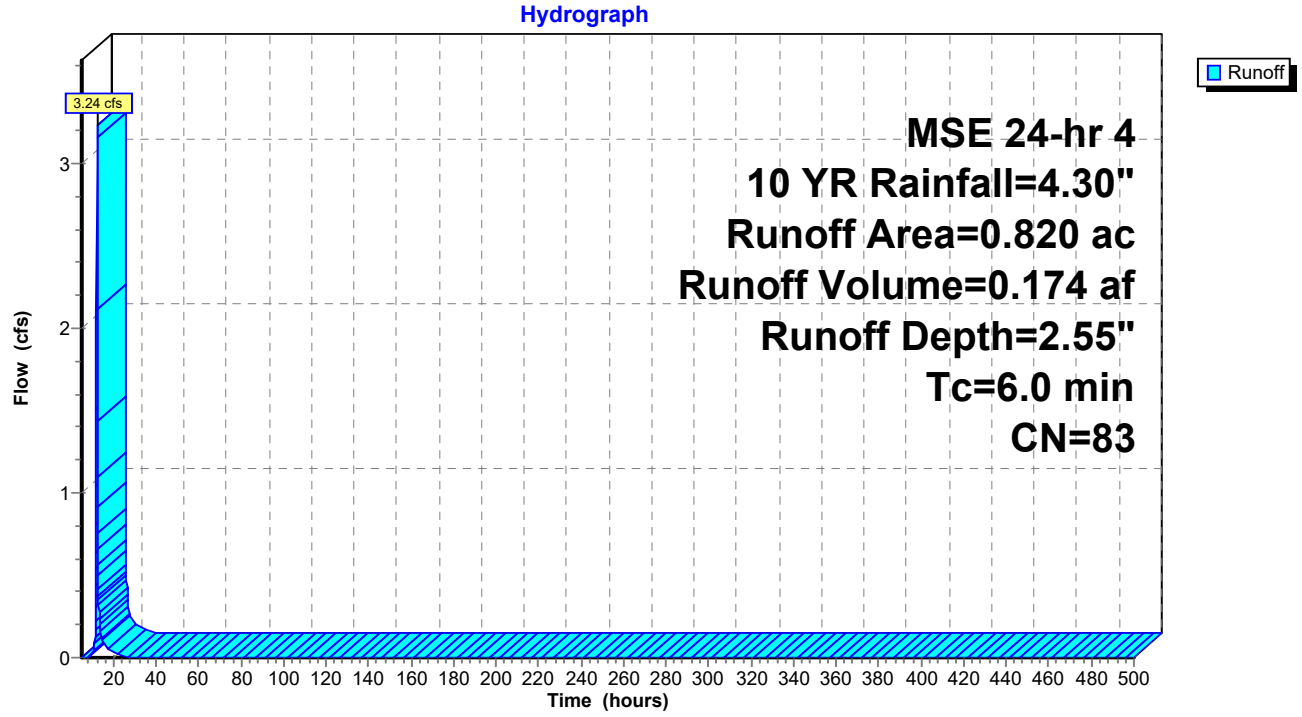
Runoff = 3.24 cfs @ 12.13 hrs, Volume= 0.174 af, Depth= 2.55"
Routed to Link 4L : Post - North

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 10 YR Rainfall=4.30"

	Area (ac)	CN	Description
*	0.300	98	Impervious
*	0.000	61	Post - B Soils
*	0.520	74	Post - C Soils
	0.820	83	Weighted Average
	0.520		63.41% Pervious Area
	0.300		36.59% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3Y: Post 3Y - Offsite



Hydrograph for Subcatchment 3Y: Post 3Y - Offsite

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.20	0.00	0.00	260.00	4.30	2.55	0.00
10.00	0.68	0.03	**0.03**	265.00	4.30	2.55	0.00
15.00	3.78	2.10	**0.11**	270.00	4.30	2.55	0.00
20.00	**4.16**	**2.43**	0.04	275.00	4.30	2.55	0.00
25.00	**4.30**	**2.55**	0.00	280.00	4.30	2.55	0.00
30.00	4.30	2.55	0.00	285.00	4.30	2.55	0.00
35.00	4.30	2.55	0.00	290.00	4.30	2.55	0.00
40.00	4.30	2.55	0.00	295.00	4.30	2.55	0.00
45.00	4.30	2.55	0.00	300.00	4.30	2.55	0.00
50.00	4.30	2.55	0.00	305.00	4.30	2.55	0.00
55.00	4.30	2.55	0.00	310.00	4.30	2.55	0.00
60.00	4.30	2.55	0.00	315.00	4.30	2.55	0.00
65.00	4.30	2.55	0.00	320.00	4.30	2.55	0.00
70.00	4.30	2.55	0.00	325.00	4.30	2.55	0.00
75.00	4.30	2.55	0.00	330.00	4.30	2.55	0.00
80.00	4.30	2.55	0.00	335.00	4.30	2.55	0.00
85.00	4.30	2.55	0.00	340.00	4.30	2.55	0.00
90.00	4.30	2.55	0.00	345.00	4.30	2.55	0.00
95.00	4.30	2.55	0.00	350.00	4.30	2.55	0.00
100.00	4.30	2.55	0.00	355.00	4.30	2.55	0.00
105.00	4.30	2.55	0.00	360.00	4.30	2.55	0.00
110.00	4.30	2.55	0.00	365.00	4.30	2.55	0.00
115.00	4.30	2.55	0.00	370.00	4.30	2.55	0.00
120.00	4.30	2.55	0.00	375.00	4.30	2.55	0.00
125.00	4.30	2.55	0.00	380.00	4.30	2.55	0.00
130.00	4.30	2.55	0.00	385.00	4.30	2.55	0.00
135.00	4.30	2.55	0.00	390.00	4.30	2.55	0.00
140.00	4.30	2.55	0.00	395.00	4.30	2.55	0.00
145.00	4.30	2.55	0.00	400.00	4.30	2.55	0.00
150.00	4.30	2.55	0.00	405.00	4.30	2.55	0.00
155.00	4.30	2.55	0.00	410.00	4.30	2.55	0.00
160.00	4.30	2.55	0.00	415.00	4.30	2.55	0.00
165.00	4.30	2.55	0.00	420.00	4.30	2.55	0.00
170.00	4.30	2.55	0.00	425.00	4.30	2.55	0.00
175.00	4.30	2.55	0.00	430.00	4.30	2.55	0.00
180.00	4.30	2.55	0.00	435.00	4.30	2.55	0.00
185.00	4.30	2.55	0.00	440.00	4.30	2.55	0.00
190.00	4.30	2.55	0.00	445.00	4.30	2.55	0.00
195.00	4.30	2.55	0.00	450.00	4.30	2.55	0.00
200.00	4.30	2.55	0.00	455.00	4.30	2.55	0.00
205.00	4.30	2.55	0.00	460.00	4.30	2.55	0.00
210.00	4.30	2.55	0.00	465.00	4.30	2.55	0.00
215.00	4.30	2.55	0.00	470.00	4.30	2.55	0.00
220.00	4.30	2.55	0.00	475.00	4.30	2.55	0.00
225.00	4.30	2.55	0.00	480.00	4.30	2.55	0.00
230.00	4.30	2.55	0.00	485.00	4.30	2.55	0.00
235.00	4.30	2.55	0.00	490.00	4.30	2.55	0.00
240.00	4.30	2.55	0.00	495.00	4.30	2.55	0.00
245.00	4.30	2.55	0.00	500.00	4.30	2.55	0.00
250.00	4.30	2.55	0.00				
255.00	4.30	2.55	0.00				

Summary for Subcatchment 3Z: Post 3Z - Offsite

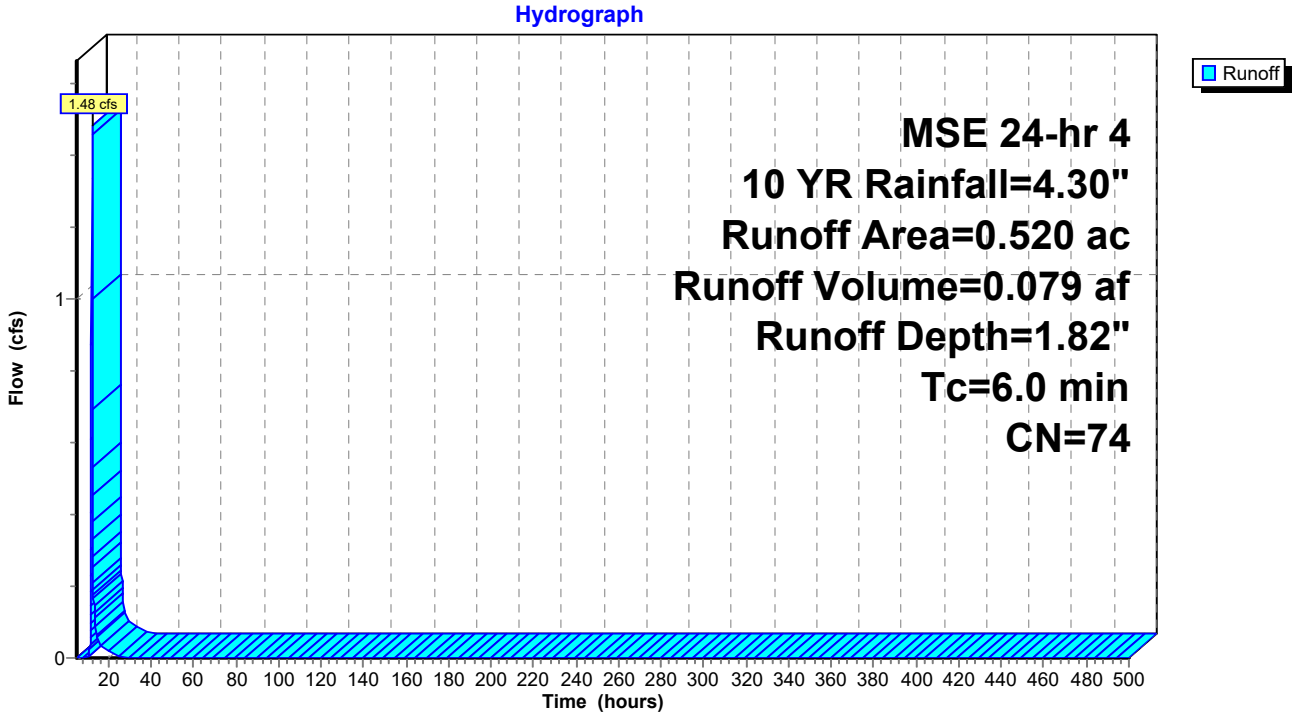
Runoff = 1.48 cfs @ 12.14 hrs, Volume= 0.079 af, Depth= 1.82"
Routed to Link 4L : Post - North

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 10 YR Rainfall=4.30"

	Area (ac)	CN	Description
*	0.000	98	Impervious
*	0.000	61	Post - B Soils
*	0.520	74	Post - C Soils
	0.520	74	Weighted Average
	0.520		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3Z: Post 3Z - Offsite



Hydrograph for Subcatchment 3Z: Post 3Z - Offsite

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.20	0.00	0.00	260.00	4.30	1.82	0.00
10.00	0.68	0.00	**0.00**	265.00	4.30	1.82	0.00
15.00	3.78	1.44	**0.06**	270.00	4.30	1.82	0.00
20.00	**4.16**	**1.72**	0.02	275.00	4.30	1.82	0.00
25.00	**4.30**	**1.82**	0.00	280.00	4.30	1.82	0.00
30.00	4.30	1.82	0.00	285.00	4.30	1.82	0.00
35.00	4.30	1.82	0.00	290.00	4.30	1.82	0.00
40.00	4.30	1.82	0.00	295.00	4.30	1.82	0.00
45.00	4.30	1.82	0.00	300.00	4.30	1.82	0.00
50.00	4.30	1.82	0.00	305.00	4.30	1.82	0.00
55.00	4.30	1.82	0.00	310.00	4.30	1.82	0.00
60.00	4.30	1.82	0.00	315.00	4.30	1.82	0.00
65.00	4.30	1.82	0.00	320.00	4.30	1.82	0.00
70.00	4.30	1.82	0.00	325.00	4.30	1.82	0.00
75.00	4.30	1.82	0.00	330.00	4.30	1.82	0.00
80.00	4.30	1.82	0.00	335.00	4.30	1.82	0.00
85.00	4.30	1.82	0.00	340.00	4.30	1.82	0.00
90.00	4.30	1.82	0.00	345.00	4.30	1.82	0.00
95.00	4.30	1.82	0.00	350.00	4.30	1.82	0.00
100.00	4.30	1.82	0.00	355.00	4.30	1.82	0.00
105.00	4.30	1.82	0.00	360.00	4.30	1.82	0.00
110.00	4.30	1.82	0.00	365.00	4.30	1.82	0.00
115.00	4.30	1.82	0.00	370.00	4.30	1.82	0.00
120.00	4.30	1.82	0.00	375.00	4.30	1.82	0.00
125.00	4.30	1.82	0.00	380.00	4.30	1.82	0.00
130.00	4.30	1.82	0.00	385.00	4.30	1.82	0.00
135.00	4.30	1.82	0.00	390.00	4.30	1.82	0.00
140.00	4.30	1.82	0.00	395.00	4.30	1.82	0.00
145.00	4.30	1.82	0.00	400.00	4.30	1.82	0.00
150.00	4.30	1.82	0.00	405.00	4.30	1.82	0.00
155.00	4.30	1.82	0.00	410.00	4.30	1.82	0.00
160.00	4.30	1.82	0.00	415.00	4.30	1.82	0.00
165.00	4.30	1.82	0.00	420.00	4.30	1.82	0.00
170.00	4.30	1.82	0.00	425.00	4.30	1.82	0.00
175.00	4.30	1.82	0.00	430.00	4.30	1.82	0.00
180.00	4.30	1.82	0.00	435.00	4.30	1.82	0.00
185.00	4.30	1.82	0.00	440.00	4.30	1.82	0.00
190.00	4.30	1.82	0.00	445.00	4.30	1.82	0.00
195.00	4.30	1.82	0.00	450.00	4.30	1.82	0.00
200.00	4.30	1.82	0.00	455.00	4.30	1.82	0.00
205.00	4.30	1.82	0.00	460.00	4.30	1.82	0.00
210.00	4.30	1.82	0.00	465.00	4.30	1.82	0.00
215.00	4.30	1.82	0.00	470.00	4.30	1.82	0.00
220.00	4.30	1.82	0.00	475.00	4.30	1.82	0.00
225.00	4.30	1.82	0.00	480.00	4.30	1.82	0.00
230.00	4.30	1.82	0.00	485.00	4.30	1.82	0.00
235.00	4.30	1.82	0.00	490.00	4.30	1.82	0.00
240.00	4.30	1.82	0.00	495.00	4.30	1.82	0.00
245.00	4.30	1.82	0.00	500.00	4.30	1.82	0.00
250.00	4.30	1.82	0.00				
255.00	4.30	1.82	0.00				

Summary for Subcatchment 5S: Culvert 1

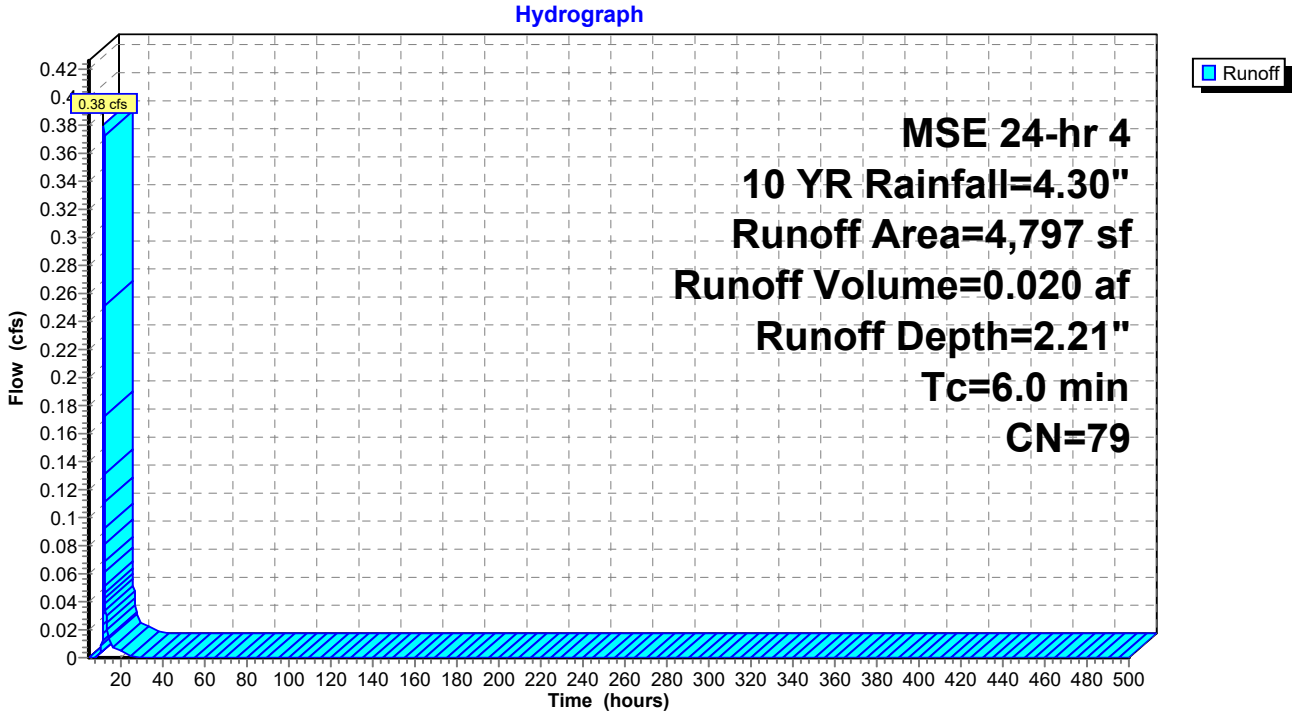
Runoff = 0.38 cfs @ 12.13 hrs, Volume= 0.020 af, Depth= 2.21"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 10 YR Rainfall=4.30"

	Area (sf)	CN	Description
*	2,465	61	Post - B Soils
*	2,332	98	Impervious
	4,797	79	Weighted Average
	2,465		51.39% Pervious Area
	2,332		48.61% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 5S: Culvert 1



Hydrograph for Subcatchment 5S: Culvert 1

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.20	0.00	0.00
10.00	0.68	0.01	**0.00**
15.00	3.78	1.79	**0.01**
20.00	**4.16**	**2.09**	0.00
25.00	**4.30**	**2.21**	0.00
30.00	4.30	2.21	0.00
35.00	4.30	2.21	0.00
40.00	4.30	2.21	0.00
45.00	4.30	2.21	0.00
50.00	4.30	2.21	0.00
55.00	4.30	2.21	0.00
60.00	4.30	2.21	0.00
65.00	4.30	2.21	0.00
70.00	4.30	2.21	0.00
75.00	4.30	2.21	0.00
80.00	4.30	2.21	0.00
85.00	4.30	2.21	0.00
90.00	4.30	2.21	0.00
95.00	4.30	2.21	0.00
100.00	4.30	2.21	0.00
105.00	4.30	2.21	0.00
110.00	4.30	2.21	0.00
115.00	4.30	2.21	0.00
120.00	4.30	2.21	0.00
125.00	4.30	2.21	0.00
130.00	4.30	2.21	0.00
135.00	4.30	2.21	0.00
140.00	4.30	2.21	0.00
145.00	4.30	2.21	0.00
150.00	4.30	2.21	0.00
155.00	4.30	2.21	0.00
160.00	4.30	2.21	0.00
165.00	4.30	2.21	0.00
170.00	4.30	2.21	0.00
175.00	4.30	2.21	0.00
180.00	4.30	2.21	0.00
185.00	4.30	2.21	0.00
190.00	4.30	2.21	0.00
195.00	4.30	2.21	0.00
200.00	4.30	2.21	0.00
205.00	4.30	2.21	0.00
210.00	4.30	2.21	0.00
215.00	4.30	2.21	0.00
220.00	4.30	2.21	0.00
225.00	4.30	2.21	0.00
230.00	4.30	2.21	0.00
235.00	4.30	2.21	0.00
240.00	4.30	2.21	0.00
245.00	4.30	2.21	0.00
250.00	4.30	2.21	0.00
255.00	4.30	2.21	0.00
260.00	4.30	2.21	0.00
265.00	4.30	2.21	0.00
270.00	4.30	2.21	0.00
275.00	4.30	2.21	0.00
280.00	4.30	2.21	0.00
285.00	4.30	2.21	0.00
290.00	4.30	2.21	0.00
295.00	4.30	2.21	0.00
300.00	4.30	2.21	0.00
305.00	4.30	2.21	0.00
310.00	4.30	2.21	0.00
315.00	4.30	2.21	0.00
320.00	4.30	2.21	0.00
325.00	4.30	2.21	0.00
330.00	4.30	2.21	0.00
335.00	4.30	2.21	0.00
340.00	4.30	2.21	0.00
345.00	4.30	2.21	0.00
350.00	4.30	2.21	0.00
355.00	4.30	2.21	0.00
360.00	4.30	2.21	0.00
365.00	4.30	2.21	0.00
370.00	4.30	2.21	0.00
375.00	4.30	2.21	0.00
380.00	4.30	2.21	0.00
385.00	4.30	2.21	0.00
390.00	4.30	2.21	0.00
395.00	4.30	2.21	0.00
400.00	4.30	2.21	0.00
405.00	4.30	2.21	0.00
410.00	4.30	2.21	0.00
415.00	4.30	2.21	0.00
420.00	4.30	2.21	0.00
425.00	4.30	2.21	0.00
430.00	4.30	2.21	0.00
435.00	4.30	2.21	0.00
440.00	4.30	2.21	0.00
445.00	4.30	2.21	0.00
450.00	4.30	2.21	0.00
455.00	4.30	2.21	0.00
460.00	4.30	2.21	0.00
465.00	4.30	2.21	0.00
470.00	4.30	2.21	0.00
475.00	4.30	2.21	0.00
480.00	4.30	2.21	0.00
485.00	4.30	2.21	0.00
490.00	4.30	2.21	0.00
495.00	4.30	2.21	0.00
500.00	4.30	2.21	0.00

Summary for Subcatchment 6S: Culvert 2

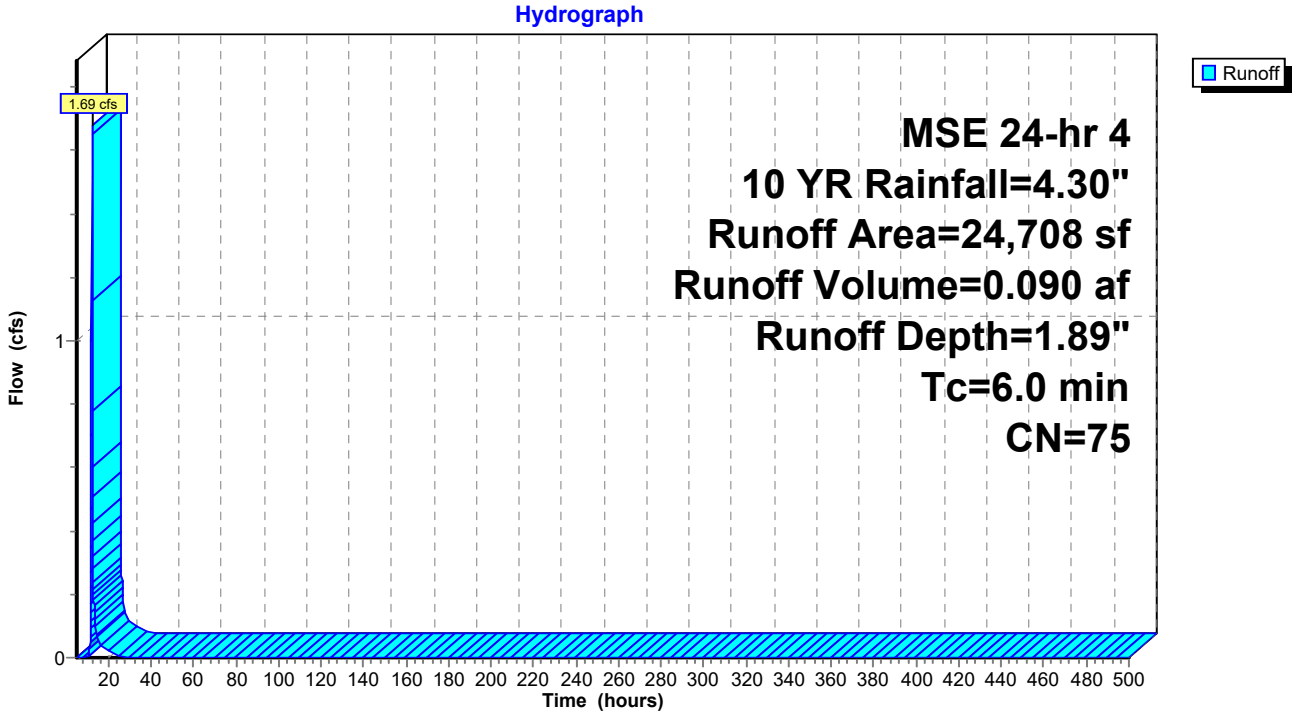
Runoff = 1.69 cfs @ 12.14 hrs, Volume= 0.090 af, Depth= 1.89"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 10 YR Rainfall=4.30"

	Area (sf)	CN	Description
*	15,597	61	Post - B Soils
*	9,111	98	Impervious
	24,708	75	Weighted Average
	15,597		63.13% Pervious Area
	9,111		36.87% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 6S: Culvert 2



Hydrograph for Subcatchment 6S: Culvert 2

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.20	0.00	0.00	260.00	4.30	1.89	0.00
10.00	0.68	0.00	**0.00**	265.00	4.30	1.89	0.00
15.00	3.78	1.50	**0.06**	270.00	4.30	1.89	0.00
20.00	**4.16**	**1.79**	0.02	275.00	4.30	1.89	0.00
25.00	**4.30**	**1.89**	0.00	280.00	4.30	1.89	0.00
30.00	4.30	1.89	0.00	285.00	4.30	1.89	0.00
35.00	4.30	1.89	0.00	290.00	4.30	1.89	0.00
40.00	4.30	1.89	0.00	295.00	4.30	1.89	0.00
45.00	4.30	1.89	0.00	300.00	4.30	1.89	0.00
50.00	4.30	1.89	0.00	305.00	4.30	1.89	0.00
55.00	4.30	1.89	0.00	310.00	4.30	1.89	0.00
60.00	4.30	1.89	0.00	315.00	4.30	1.89	0.00
65.00	4.30	1.89	0.00	320.00	4.30	1.89	0.00
70.00	4.30	1.89	0.00	325.00	4.30	1.89	0.00
75.00	4.30	1.89	0.00	330.00	4.30	1.89	0.00
80.00	4.30	1.89	0.00	335.00	4.30	1.89	0.00
85.00	4.30	1.89	0.00	340.00	4.30	1.89	0.00
90.00	4.30	1.89	0.00	345.00	4.30	1.89	0.00
95.00	4.30	1.89	0.00	350.00	4.30	1.89	0.00
100.00	4.30	1.89	0.00	355.00	4.30	1.89	0.00
105.00	4.30	1.89	0.00	360.00	4.30	1.89	0.00
110.00	4.30	1.89	0.00	365.00	4.30	1.89	0.00
115.00	4.30	1.89	0.00	370.00	4.30	1.89	0.00
120.00	4.30	1.89	0.00	375.00	4.30	1.89	0.00
125.00	4.30	1.89	0.00	380.00	4.30	1.89	0.00
130.00	4.30	1.89	0.00	385.00	4.30	1.89	0.00
135.00	4.30	1.89	0.00	390.00	4.30	1.89	0.00
140.00	4.30	1.89	0.00	395.00	4.30	1.89	0.00
145.00	4.30	1.89	0.00	400.00	4.30	1.89	0.00
150.00	4.30	1.89	0.00	405.00	4.30	1.89	0.00
155.00	4.30	1.89	0.00	410.00	4.30	1.89	0.00
160.00	4.30	1.89	0.00	415.00	4.30	1.89	0.00
165.00	4.30	1.89	0.00	420.00	4.30	1.89	0.00
170.00	4.30	1.89	0.00	425.00	4.30	1.89	0.00
175.00	4.30	1.89	0.00	430.00	4.30	1.89	0.00
180.00	4.30	1.89	0.00	435.00	4.30	1.89	0.00
185.00	4.30	1.89	0.00	440.00	4.30	1.89	0.00
190.00	4.30	1.89	0.00	445.00	4.30	1.89	0.00
195.00	4.30	1.89	0.00	450.00	4.30	1.89	0.00
200.00	4.30	1.89	0.00	455.00	4.30	1.89	0.00
205.00	4.30	1.89	0.00	460.00	4.30	1.89	0.00
210.00	4.30	1.89	0.00	465.00	4.30	1.89	0.00
215.00	4.30	1.89	0.00	470.00	4.30	1.89	0.00
220.00	4.30	1.89	0.00	475.00	4.30	1.89	0.00
225.00	4.30	1.89	0.00	480.00	4.30	1.89	0.00
230.00	4.30	1.89	0.00	485.00	4.30	1.89	0.00
235.00	4.30	1.89	0.00	490.00	4.30	1.89	0.00
240.00	4.30	1.89	0.00	495.00	4.30	1.89	0.00
245.00	4.30	1.89	0.00	500.00	4.30	1.89	0.00
250.00	4.30	1.89	0.00				
255.00	4.30	1.89	0.00				

Summary for Subcatchment 7S: Culvert 3

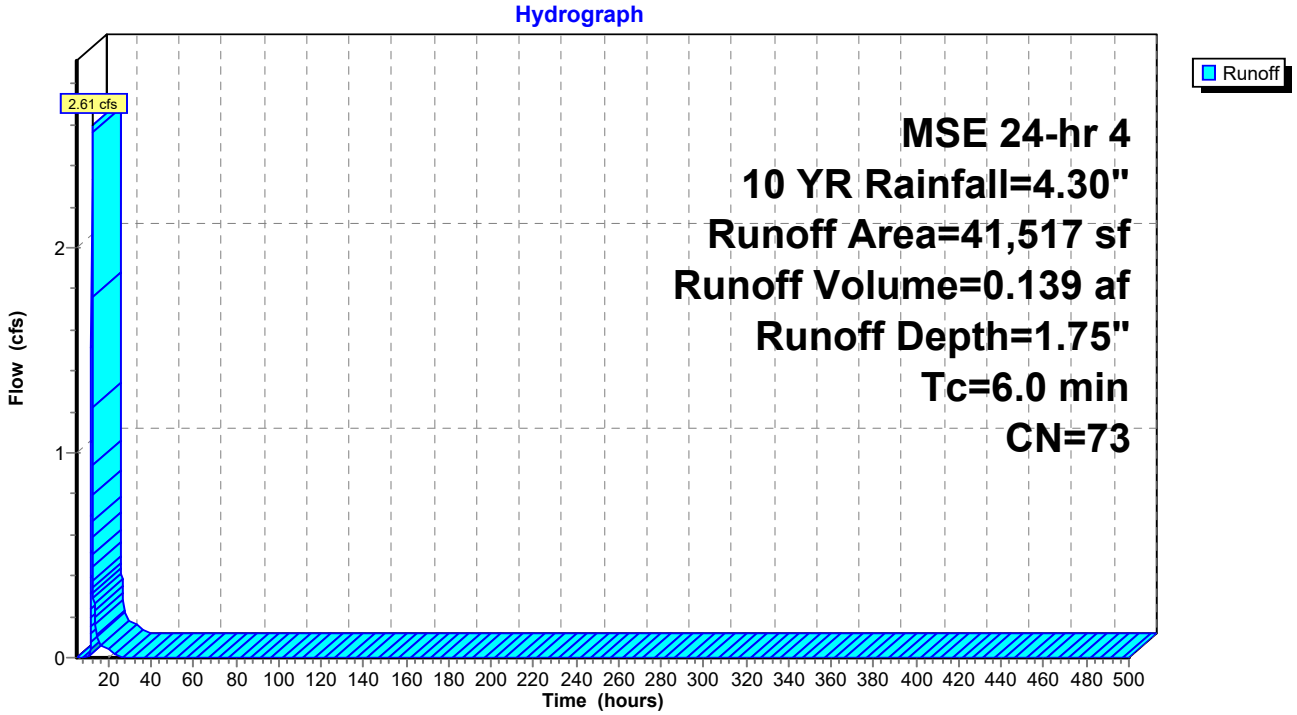
Runoff = 2.61 cfs @ 12.14 hrs, Volume= 0.139 af, Depth= 1.75"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 10 YR Rainfall=4.30"

	Area (sf)	CN	Description
*	28,233	61	Post - B Soils
*	13,284	98	Impervious
	41,517	73	Weighted Average
	28,233		68.00% Pervious Area
	13,284		32.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 7S: Culvert 3



Hydrograph for Subcatchment 7S: Culvert 3

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.20	0.00	0.00	260.00	4.30	1.75	0.00
10.00	0.68	0.00	**0.00**	265.00	4.30	1.75	0.00
15.00	3.78	1.37	**0.10**	270.00	4.30	1.75	0.00
20.00	**4.16**	**1.64**	0.04	275.00	4.30	1.75	0.00
25.00	**4.30**	**1.75**	0.00	280.00	4.30	1.75	0.00
30.00	4.30	1.75	0.00	285.00	4.30	1.75	0.00
35.00	4.30	1.75	0.00	290.00	4.30	1.75	0.00
40.00	4.30	1.75	0.00	295.00	4.30	1.75	0.00
45.00	4.30	1.75	0.00	300.00	4.30	1.75	0.00
50.00	4.30	1.75	0.00	305.00	4.30	1.75	0.00
55.00	4.30	1.75	0.00	310.00	4.30	1.75	0.00
60.00	4.30	1.75	0.00	315.00	4.30	1.75	0.00
65.00	4.30	1.75	0.00	320.00	4.30	1.75	0.00
70.00	4.30	1.75	0.00	325.00	4.30	1.75	0.00
75.00	4.30	1.75	0.00	330.00	4.30	1.75	0.00
80.00	4.30	1.75	0.00	335.00	4.30	1.75	0.00
85.00	4.30	1.75	0.00	340.00	4.30	1.75	0.00
90.00	4.30	1.75	0.00	345.00	4.30	1.75	0.00
95.00	4.30	1.75	0.00	350.00	4.30	1.75	0.00
100.00	4.30	1.75	0.00	355.00	4.30	1.75	0.00
105.00	4.30	1.75	0.00	360.00	4.30	1.75	0.00
110.00	4.30	1.75	0.00	365.00	4.30	1.75	0.00
115.00	4.30	1.75	0.00	370.00	4.30	1.75	0.00
120.00	4.30	1.75	0.00	375.00	4.30	1.75	0.00
125.00	4.30	1.75	0.00	380.00	4.30	1.75	0.00
130.00	4.30	1.75	0.00	385.00	4.30	1.75	0.00
135.00	4.30	1.75	0.00	390.00	4.30	1.75	0.00
140.00	4.30	1.75	0.00	395.00	4.30	1.75	0.00
145.00	4.30	1.75	0.00	400.00	4.30	1.75	0.00
150.00	4.30	1.75	0.00	405.00	4.30	1.75	0.00
155.00	4.30	1.75	0.00	410.00	4.30	1.75	0.00
160.00	4.30	1.75	0.00	415.00	4.30	1.75	0.00
165.00	4.30	1.75	0.00	420.00	4.30	1.75	0.00
170.00	4.30	1.75	0.00	425.00	4.30	1.75	0.00
175.00	4.30	1.75	0.00	430.00	4.30	1.75	0.00
180.00	4.30	1.75	0.00	435.00	4.30	1.75	0.00
185.00	4.30	1.75	0.00	440.00	4.30	1.75	0.00
190.00	4.30	1.75	0.00	445.00	4.30	1.75	0.00
195.00	4.30	1.75	0.00	450.00	4.30	1.75	0.00
200.00	4.30	1.75	0.00	455.00	4.30	1.75	0.00
205.00	4.30	1.75	0.00	460.00	4.30	1.75	0.00
210.00	4.30	1.75	0.00	465.00	4.30	1.75	0.00
215.00	4.30	1.75	0.00	470.00	4.30	1.75	0.00
220.00	4.30	1.75	0.00	475.00	4.30	1.75	0.00
225.00	4.30	1.75	0.00	480.00	4.30	1.75	0.00
230.00	4.30	1.75	0.00	485.00	4.30	1.75	0.00
235.00	4.30	1.75	0.00	490.00	4.30	1.75	0.00
240.00	4.30	1.75	0.00	495.00	4.30	1.75	0.00
245.00	4.30	1.75	0.00	500.00	4.30	1.75	0.00
250.00	4.30	1.75	0.00				
255.00	4.30	1.75	0.00				

Summary for Subcatchment 8S: Culvert 4

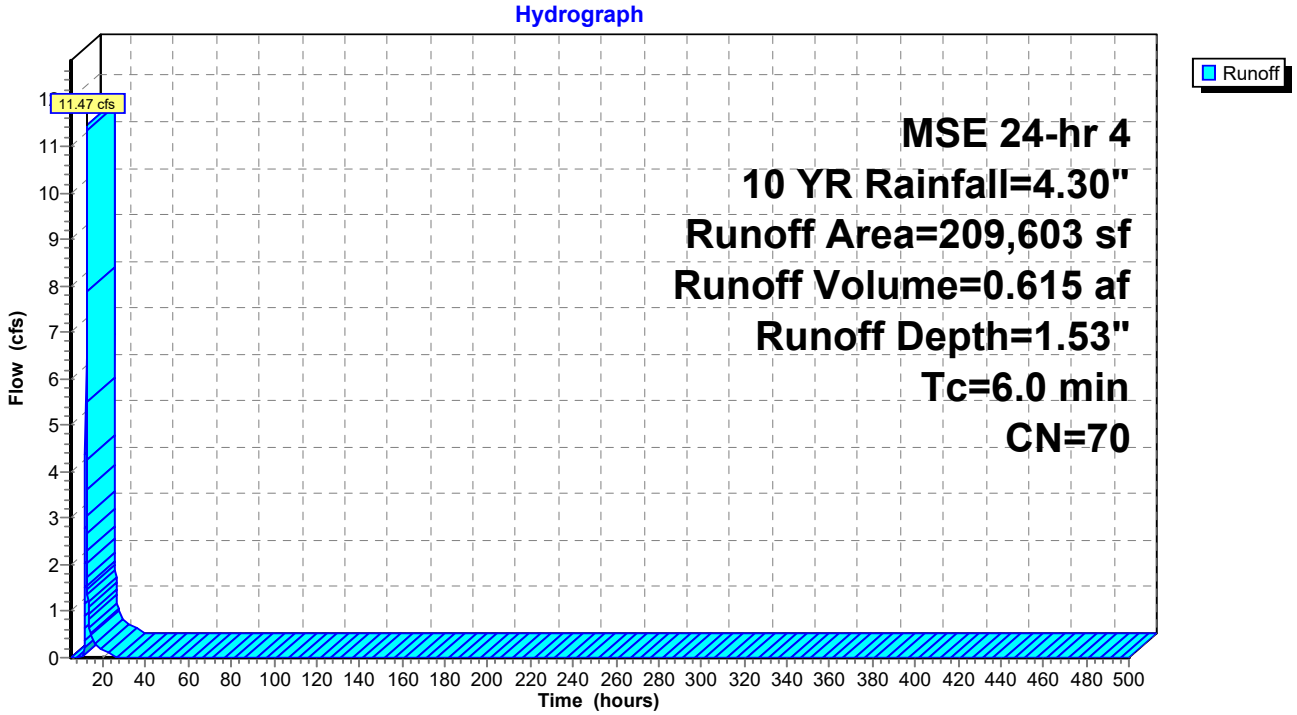
Runoff = 11.47 cfs @ 12.14 hrs, Volume= 0.615 af, Depth= 1.53"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 10 YR Rainfall=4.30"

	Area (sf)	CN	Description
*	156,823	61	Post - B Soils
*	52,780	98	Impervious
	209,603	70	Weighted Average
	156,823		74.82% Pervious Area
	52,780		25.18% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 8S: Culvert 4



Hydrograph for Subcatchment 8S: Culvert 4

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.20	0.00	0.00	260.00	4.30	1.53	0.00
10.00	0.68	0.00	**0.00**	265.00	4.30	1.53	0.00
15.00	3.78	1.18	**0.48**	270.00	4.30	1.53	0.00
20.00	**4.16**	**1.44**	0.18	275.00	4.30	1.53	0.00
25.00	**4.30**	**1.53**	0.00	280.00	4.30	1.53	0.00
30.00	4.30	1.53	0.00	285.00	4.30	1.53	0.00
35.00	4.30	1.53	0.00	290.00	4.30	1.53	0.00
40.00	4.30	1.53	0.00	295.00	4.30	1.53	0.00
45.00	4.30	1.53	0.00	300.00	4.30	1.53	0.00
50.00	4.30	1.53	0.00	305.00	4.30	1.53	0.00
55.00	4.30	1.53	0.00	310.00	4.30	1.53	0.00
60.00	4.30	1.53	0.00	315.00	4.30	1.53	0.00
65.00	4.30	1.53	0.00	320.00	4.30	1.53	0.00
70.00	4.30	1.53	0.00	325.00	4.30	1.53	0.00
75.00	4.30	1.53	0.00	330.00	4.30	1.53	0.00
80.00	4.30	1.53	0.00	335.00	4.30	1.53	0.00
85.00	4.30	1.53	0.00	340.00	4.30	1.53	0.00
90.00	4.30	1.53	0.00	345.00	4.30	1.53	0.00
95.00	4.30	1.53	0.00	350.00	4.30	1.53	0.00
100.00	4.30	1.53	0.00	355.00	4.30	1.53	0.00
105.00	4.30	1.53	0.00	360.00	4.30	1.53	0.00
110.00	4.30	1.53	0.00	365.00	4.30	1.53	0.00
115.00	4.30	1.53	0.00	370.00	4.30	1.53	0.00
120.00	4.30	1.53	0.00	375.00	4.30	1.53	0.00
125.00	4.30	1.53	0.00	380.00	4.30	1.53	0.00
130.00	4.30	1.53	0.00	385.00	4.30	1.53	0.00
135.00	4.30	1.53	0.00	390.00	4.30	1.53	0.00
140.00	4.30	1.53	0.00	395.00	4.30	1.53	0.00
145.00	4.30	1.53	0.00	400.00	4.30	1.53	0.00
150.00	4.30	1.53	0.00	405.00	4.30	1.53	0.00
155.00	4.30	1.53	0.00	410.00	4.30	1.53	0.00
160.00	4.30	1.53	0.00	415.00	4.30	1.53	0.00
165.00	4.30	1.53	0.00	420.00	4.30	1.53	0.00
170.00	4.30	1.53	0.00	425.00	4.30	1.53	0.00
175.00	4.30	1.53	0.00	430.00	4.30	1.53	0.00
180.00	4.30	1.53	0.00	435.00	4.30	1.53	0.00
185.00	4.30	1.53	0.00	440.00	4.30	1.53	0.00
190.00	4.30	1.53	0.00	445.00	4.30	1.53	0.00
195.00	4.30	1.53	0.00	450.00	4.30	1.53	0.00
200.00	4.30	1.53	0.00	455.00	4.30	1.53	0.00
205.00	4.30	1.53	0.00	460.00	4.30	1.53	0.00
210.00	4.30	1.53	0.00	465.00	4.30	1.53	0.00
215.00	4.30	1.53	0.00	470.00	4.30	1.53	0.00
220.00	4.30	1.53	0.00	475.00	4.30	1.53	0.00
225.00	4.30	1.53	0.00	480.00	4.30	1.53	0.00
230.00	4.30	1.53	0.00	485.00	4.30	1.53	0.00
235.00	4.30	1.53	0.00	490.00	4.30	1.53	0.00
240.00	4.30	1.53	0.00	495.00	4.30	1.53	0.00
245.00	4.30	1.53	0.00	500.00	4.30	1.53	0.00
250.00	4.30	1.53	0.00				
255.00	4.30	1.53	0.00				

Summary for Subcatchment 9S: Culvert 5

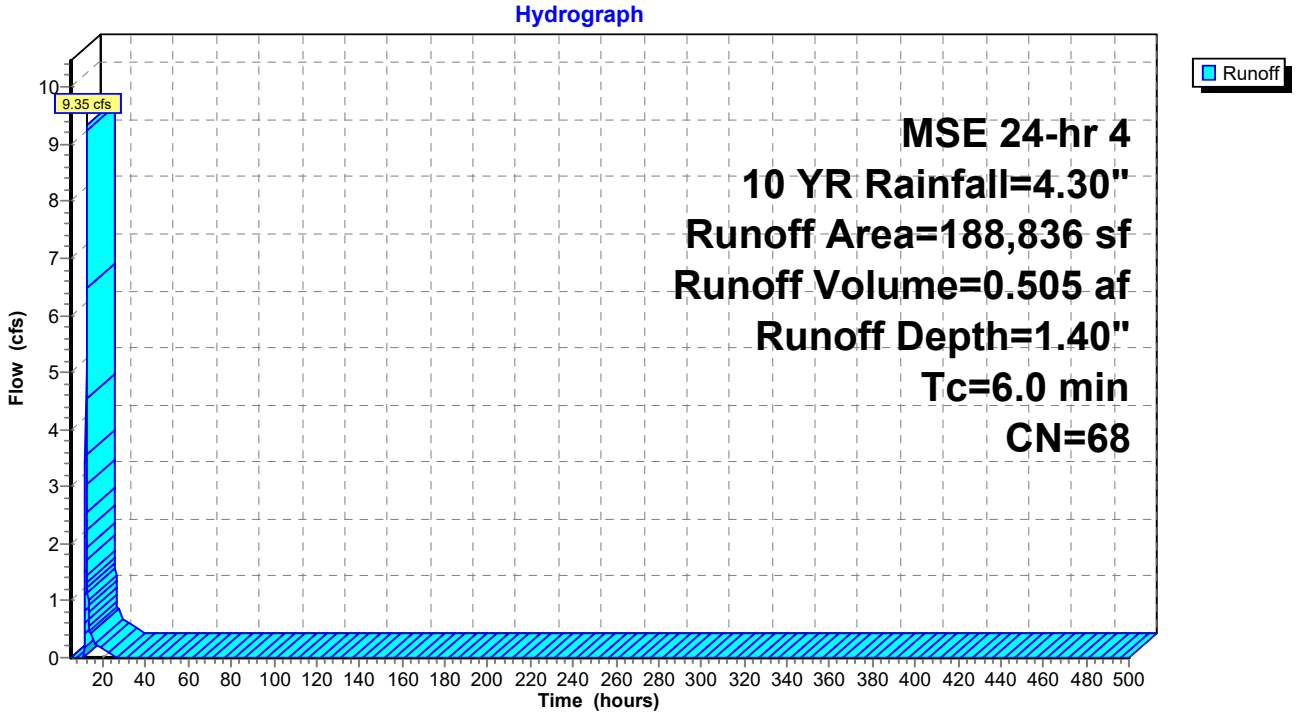
Runoff = 9.35 cfs @ 12.14 hrs, Volume= 0.505 af, Depth= 1.40"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 10 YR Rainfall=4.30"

	Area (sf)	CN	Description
*	151,149	61	Post - B Soils
*	37,687	98	Impervious
	188,836	68	Weighted Average
	151,149		80.04% Pervious Area
	37,687		19.96% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 9S: Culvert 5



Hydrograph for Subcatchment 9S: Culvert 5

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.20	0.00	0.00
10.00	0.68	0.00	**0.00**
15.00	3.78	1.07	**0.41**
20.00	**4.16**	**1.31**	0.15
25.00	**4.30**	**1.40**	0.00
30.00	4.30	1.40	0.00
35.00	4.30	1.40	0.00
40.00	4.30	1.40	0.00
45.00	4.30	1.40	0.00
50.00	4.30	1.40	0.00
55.00	4.30	1.40	0.00
60.00	4.30	1.40	0.00
65.00	4.30	1.40	0.00
70.00	4.30	1.40	0.00
75.00	4.30	1.40	0.00
80.00	4.30	1.40	0.00
85.00	4.30	1.40	0.00
90.00	4.30	1.40	0.00
95.00	4.30	1.40	0.00
100.00	4.30	1.40	0.00
105.00	4.30	1.40	0.00
110.00	4.30	1.40	0.00
115.00	4.30	1.40	0.00
120.00	4.30	1.40	0.00
125.00	4.30	1.40	0.00
130.00	4.30	1.40	0.00
135.00	4.30	1.40	0.00
140.00	4.30	1.40	0.00
145.00	4.30	1.40	0.00
150.00	4.30	1.40	0.00
155.00	4.30	1.40	0.00
160.00	4.30	1.40	0.00
165.00	4.30	1.40	0.00
170.00	4.30	1.40	0.00
175.00	4.30	1.40	0.00
180.00	4.30	1.40	0.00
185.00	4.30	1.40	0.00
190.00	4.30	1.40	0.00
195.00	4.30	1.40	0.00
200.00	4.30	1.40	0.00
205.00	4.30	1.40	0.00
210.00	4.30	1.40	0.00
215.00	4.30	1.40	0.00
220.00	4.30	1.40	0.00
225.00	4.30	1.40	0.00
230.00	4.30	1.40	0.00
235.00	4.30	1.40	0.00
240.00	4.30	1.40	0.00
245.00	4.30	1.40	0.00
250.00	4.30	1.40	0.00
255.00	4.30	1.40	0.00
260.00	4.30	1.40	0.00
265.00	4.30	1.40	0.00
270.00	4.30	1.40	0.00
275.00	4.30	1.40	0.00
280.00	4.30	1.40	0.00
285.00	4.30	1.40	0.00
290.00	4.30	1.40	0.00
295.00	4.30	1.40	0.00
300.00	4.30	1.40	0.00
305.00	4.30	1.40	0.00
310.00	4.30	1.40	0.00
315.00	4.30	1.40	0.00
320.00	4.30	1.40	0.00
325.00	4.30	1.40	0.00
330.00	4.30	1.40	0.00
335.00	4.30	1.40	0.00
340.00	4.30	1.40	0.00
345.00	4.30	1.40	0.00
350.00	4.30	1.40	0.00
355.00	4.30	1.40	0.00
360.00	4.30	1.40	0.00
365.00	4.30	1.40	0.00
370.00	4.30	1.40	0.00
375.00	4.30	1.40	0.00
380.00	4.30	1.40	0.00
385.00	4.30	1.40	0.00
390.00	4.30	1.40	0.00
395.00	4.30	1.40	0.00
400.00	4.30	1.40	0.00
405.00	4.30	1.40	0.00
410.00	4.30	1.40	0.00
415.00	4.30	1.40	0.00
420.00	4.30	1.40	0.00
425.00	4.30	1.40	0.00
430.00	4.30	1.40	0.00
435.00	4.30	1.40	0.00
440.00	4.30	1.40	0.00
445.00	4.30	1.40	0.00
450.00	4.30	1.40	0.00
455.00	4.30	1.40	0.00
460.00	4.30	1.40	0.00
465.00	4.30	1.40	0.00
470.00	4.30	1.40	0.00
475.00	4.30	1.40	0.00
480.00	4.30	1.40	0.00
485.00	4.30	1.40	0.00
490.00	4.30	1.40	0.00
495.00	4.30	1.40	0.00
500.00	4.30	1.40	0.00

Summary for Pond P1A: Pond 1A

Inflow Area = 6.030 ac, 19.24% Impervious, Inflow Depth = 1.40" for 10 YR event
Inflow = 13.00 cfs @ 12.14 hrs, Volume= 0.703 af
Outflow = 2.19 cfs @ 12.58 hrs, Volume= 0.703 af, Atten= 83%, Lag= 26.4 min
Primary = 1.66 cfs @ 12.58 hrs, Volume= 0.276 af
Routed to Link 3L : Post - South
Secondary = 0.53 cfs @ 12.58 hrs, Volume= 0.427 af
Tertiary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,241.65' @ 12.58 hrs Surf.Area= 6,330 sf Storage= 11,696 cf

Plug-Flow detention time= 132.1 min calculated for 0.703 af (100% of inflow)
Center-of-Mass det. time= 132.1 min (975.0 - 842.9)

Volume	Invert	Avail.Storage	Storage Description
#1	1,239.00'	30,563 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

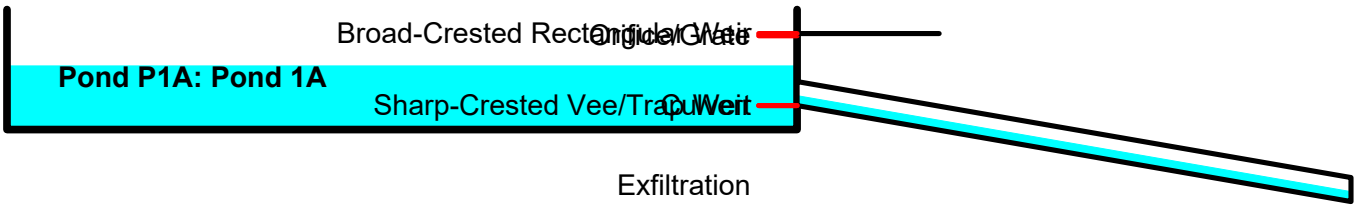
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,239.00	2,496	0	0
1,244.00	9,729	30,563	30,563

Device	Routing	Invert	Outlet Devices
#1	Primary	1,240.00'	**12.0" Round Culvert** L= 39.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,240.00' / 1,236.00' S= 0.1026 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,240.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,242.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Secondary	1,239.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,243.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

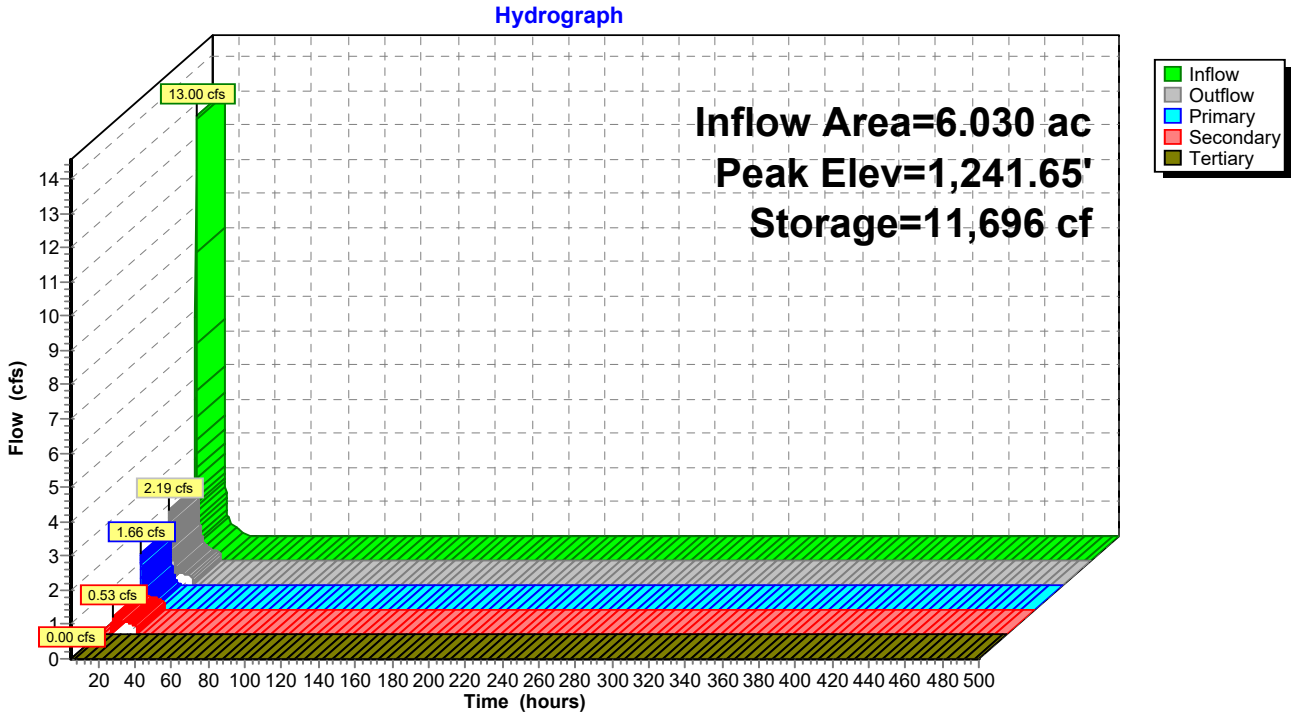
Primary OutFlow Max=1.66 cfs @ 12.58 hrs HW=1,241.65' (Free Discharge)
└**1=Culvert** (Passes 1.66 cfs of 4.05 cfs potential flow)
├**2=Sharp-Crested Vee/Trap Weir** (Weir Controls 1.66 cfs @ 3.45 fps)
└**3=Orifice/Grate** (Controls 0.00 cfs)

Secondary OutFlow Max=0.53 cfs @ 12.58 hrs HW=1,241.65' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.53 cfs)

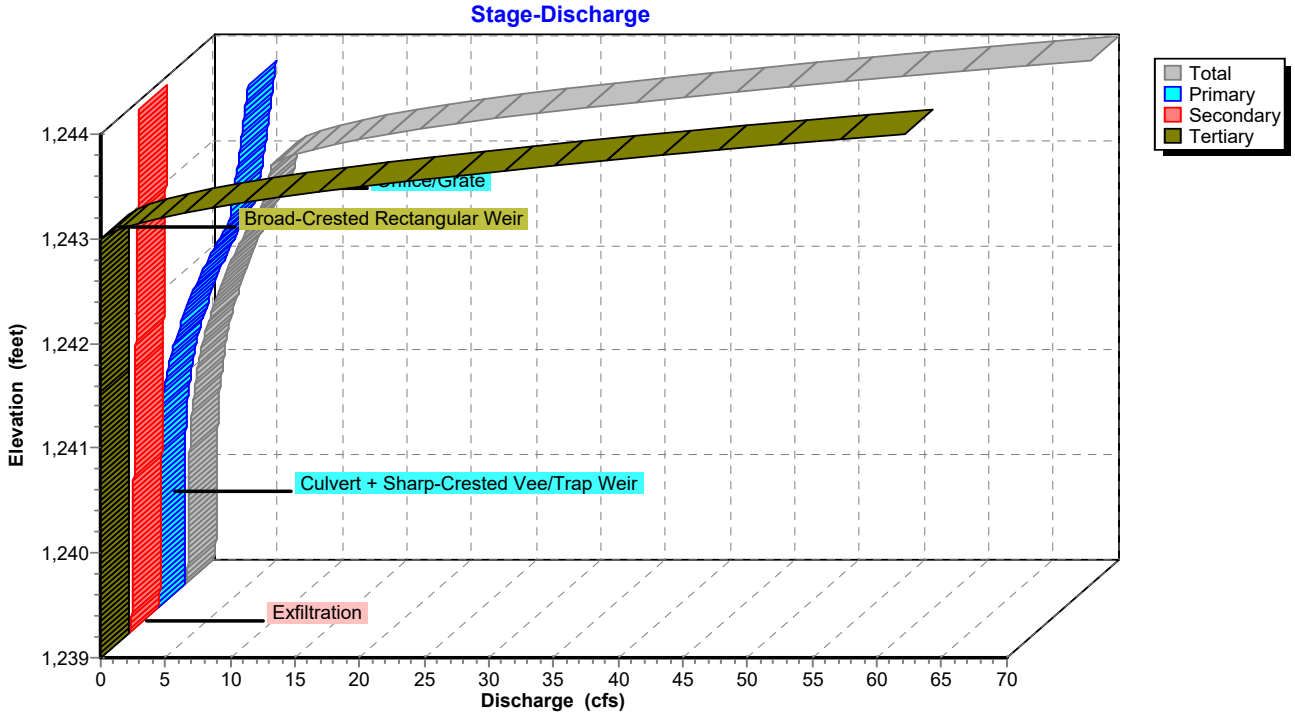
Tertiary OutFlow Max=0.00 cfs @ 5.00 hrs HW=1,239.00' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)



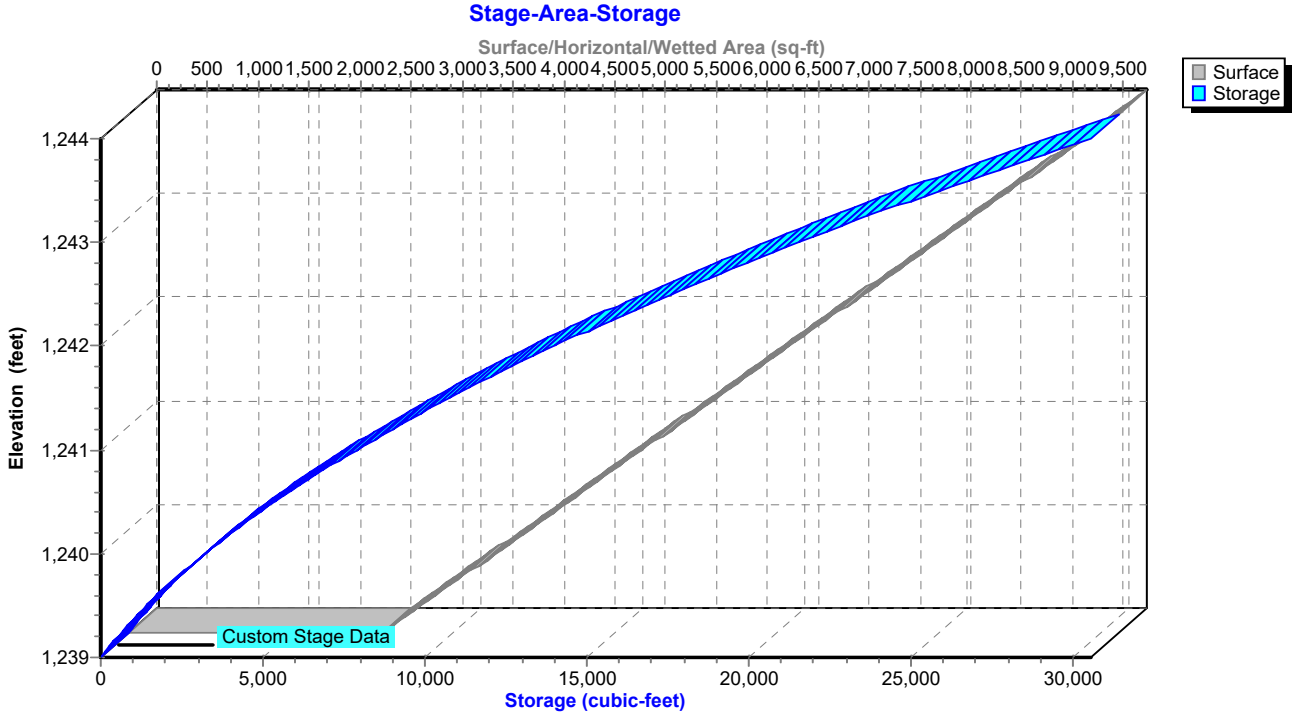
Pond P1A: Pond 1A



Pond P1A: Pond 1A



Pond P1A: Pond 1A



Hydrograph for Pond P1A: Pond 1A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,239.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**0.56**	**7,487**	**1,240.93**	**0.83**	**0.39**	**0.44**	0.00
25.00	0.00	568	1,239.21	0.23	0.00	0.23	0.00
35.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P1A: Pond 1A

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,239.00	0.00	0.00	0.00	0.00
1,239.10	0.22	0.00	0.22	0.00
1,239.20	0.23	0.00	0.23	0.00
1,239.30	0.24	0.00	0.24	0.00
1,239.40	0.26	0.00	0.26	0.00
1,239.50	0.27	0.00	0.27	0.00
1,239.60	0.28	0.00	0.28	0.00
1,239.70	0.29	0.00	0.29	0.00
1,239.80	0.30	0.00	0.30	0.00
1,239.90	0.32	0.00	0.32	0.00
1,240.00	0.33	0.00	0.33	0.00
1,240.10	0.34	0.00	0.34	0.00
1,240.20	0.36	0.01	0.35	0.00
1,240.30	0.39	0.02	0.36	0.00
1,240.40	0.42	0.05	0.38	0.00
1,240.50	0.47	0.08	0.39	0.00
1,240.60	0.53	0.13	0.40	0.00
1,240.70	0.61	0.19	0.41	0.00
1,240.80	0.70	0.27	0.42	0.00
1,240.90	0.80	0.36	0.44	0.00
1,241.00	0.92	0.47	0.45	0.00
1,241.10	1.06	0.60	0.46	0.00
1,241.20	1.22	0.75	0.47	0.00
1,241.30	1.40	0.91	0.49	0.00
1,241.40	1.60	1.10	0.50	0.00
1,241.50	1.82	1.31	0.51	0.00
1,241.60	2.06	1.54	0.52	0.00
1,241.70	2.32	1.79	0.53	0.00
1,241.80	2.61	2.06	0.55	0.00
1,241.90	2.92	2.36	0.56	0.00
1,242.00	3.25	2.68	0.57	0.00
1,242.10	3.61	3.03	0.58	0.00
1,242.20	4.00	3.41	0.59	0.00
1,242.30	4.41	3.81	0.61	0.00
1,242.40	4.85	4.23	0.62	0.00
1,242.50	5.32	4.69	0.63	0.00
1,242.60	5.81	5.17	0.64	0.00
1,242.70	6.26	5.61	0.65	0.00
1,242.80	6.40	5.74	0.67	0.00
1,242.90	6.54	5.86	0.68	0.00
1,243.00	6.67	5.98	0.69	0.00
1,243.10	8.40	6.10	0.70	1.60
1,243.20	11.53	6.21	0.71	4.60
1,243.30	15.75	6.33	0.73	8.70
1,243.40	20.96	6.44	0.74	13.78
1,243.50	27.39	6.55	0.75	20.08
1,243.60	34.93	6.66	0.76	27.51
1,243.70	42.64	6.76	0.77	35.10
1,243.80	51.08	6.87	0.79	43.42
1,243.90	60.22	6.97	0.80	52.45
1,244.00	**70.06**	**7.07**	**0.81**	**62.18**

Stage-Area-Storage for Pond P1A: Pond 1A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,239.00	2,496	0
1,239.05	2,568	127
1,239.10	2,641	257
1,239.15	2,713	391
1,239.20	2,785	528
1,239.25	2,858	669
1,239.30	2,930	814
1,239.35	3,002	962
1,239.40	3,075	1,114
1,239.45	3,147	1,270
1,239.50	3,219	1,429
1,239.55	3,292	1,592
1,239.60	3,364	1,758
1,239.65	3,436	1,928
1,239.70	3,509	2,102
1,239.75	3,581	2,279
1,239.80	3,653	2,460
1,239.85	3,726	2,644
1,239.90	3,798	2,832
1,239.95	3,870	3,024
1,240.00	3,943	3,219
1,240.05	4,015	3,418
1,240.10	4,087	3,621
1,240.15	4,160	3,827
1,240.20	4,232	4,037
1,240.25	4,304	4,250
1,240.30	4,377	4,467
1,240.35	4,449	4,688
1,240.40	4,521	4,912
1,240.45	4,594	5,140
1,240.50	4,666	5,371
1,240.55	4,738	5,607
1,240.60	4,811	5,845
1,240.65	4,883	6,088
1,240.70	4,955	6,334
1,240.75	5,028	6,583
1,240.80	5,100	6,836
1,240.85	5,172	7,093
1,240.90	5,245	7,354
1,240.95	5,317	7,618
1,241.00	5,389	7,885
1,241.05	5,462	8,156
1,241.10	5,534	8,431
1,241.15	5,606	8,710
1,241.20	5,679	8,992
1,241.25	5,751	9,278
1,241.30	5,823	9,567
1,241.35	5,896	9,860
1,241.40	5,968	10,157
1,241.45	6,040	10,457
1,241.50	6,113	10,761
1,241.55	6,185	11,068
1,241.60	6,257	11,379
1,241.65	6,329	11,694
1,241.70	6,402	12,012
1,241.75	6,474	12,334
1,241.80	6,546	12,659
1,241.85	6,619	12,989
1,241.90	6,691	13,321
1,241.95	6,763	13,658
1,242.00	6,836	13,998
1,242.05	6,908	14,341
1,242.10	6,980	14,689
1,242.15	7,053	15,039
1,242.20	7,125	15,394
1,242.25	7,197	15,752
1,242.30	7,270	16,114
1,242.35	7,342	16,479
1,242.40	7,414	16,848
1,242.45	7,487	17,220
1,242.50	7,559	17,596
1,242.55	7,631	17,976
1,242.60	7,704	18,360
1,242.65	7,776	18,747
1,242.70	7,848	19,137
1,242.75	7,921	19,531
1,242.80	7,993	19,929
1,242.85	8,065	20,331
1,242.90	8,138	20,736
1,242.95	8,210	21,144
1,243.00	8,282	21,557
1,243.05	8,355	21,973
1,243.10	8,427	22,392
1,243.15	8,499	22,815
1,243.20	8,572	23,242
1,243.25	8,644	23,673
1,243.30	8,716	24,107
1,243.35	8,789	24,544
1,243.40	8,861	24,985
1,243.45	8,933	25,430
1,243.50	9,006	25,879
1,243.55	9,078	26,331
1,243.60	9,150	26,787
1,243.65	9,223	27,246
1,243.70	9,295	27,709
1,243.75	9,367	28,175
1,243.80	9,440	28,646
1,243.85	9,512	29,119
1,243.90	9,584	29,597
1,243.95	9,657	30,078
1,244.00	**9,729**	**30,563**

Summary for Pond P3A: Pond 3A

Inflow Area = 10.600 ac, 18.58% Impervious, Inflow Depth = 1.53" for 10 YR event
Inflow = 25.27 cfs @ 12.14 hrs, Volume= 1.355 af
Outflow = 4.83 cfs @ 12.52 hrs, Volume= 1.355 af, Atten= 81%, Lag= 23.2 min
Primary = 4.07 cfs @ 12.52 hrs, Volume= 0.668 af
Routed to Link 4L : Post - North
Secondary = 0.77 cfs @ 12.52 hrs, Volume= 0.687 af
Tertiary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,195.36' @ 12.52 hrs Surf.Area= 9,182 sf Storage= 22,437 cf

Plug-Flow detention time= 133.9 min calculated for 1.355 af (100% of inflow)
Center-of-Mass det. time= 133.9 min (972.0 - 838.0)

Volume	Invert	Avail.Storage	Storage Description
#1	1,192.00'	51,846 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

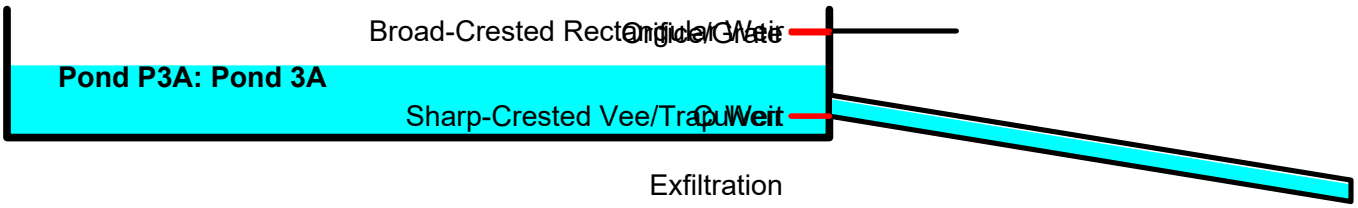
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,192.00	4,165	0	0
1,198.00	13,117	51,846	51,846

Device	Routing	Invert	Outlet Devices
#1	Primary	1,193.00'	**12.0" Round Culvert** L= 41.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,193.00' / 1,189.00' S= 0.0976 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,193.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,196.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Secondary	1,192.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,197.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

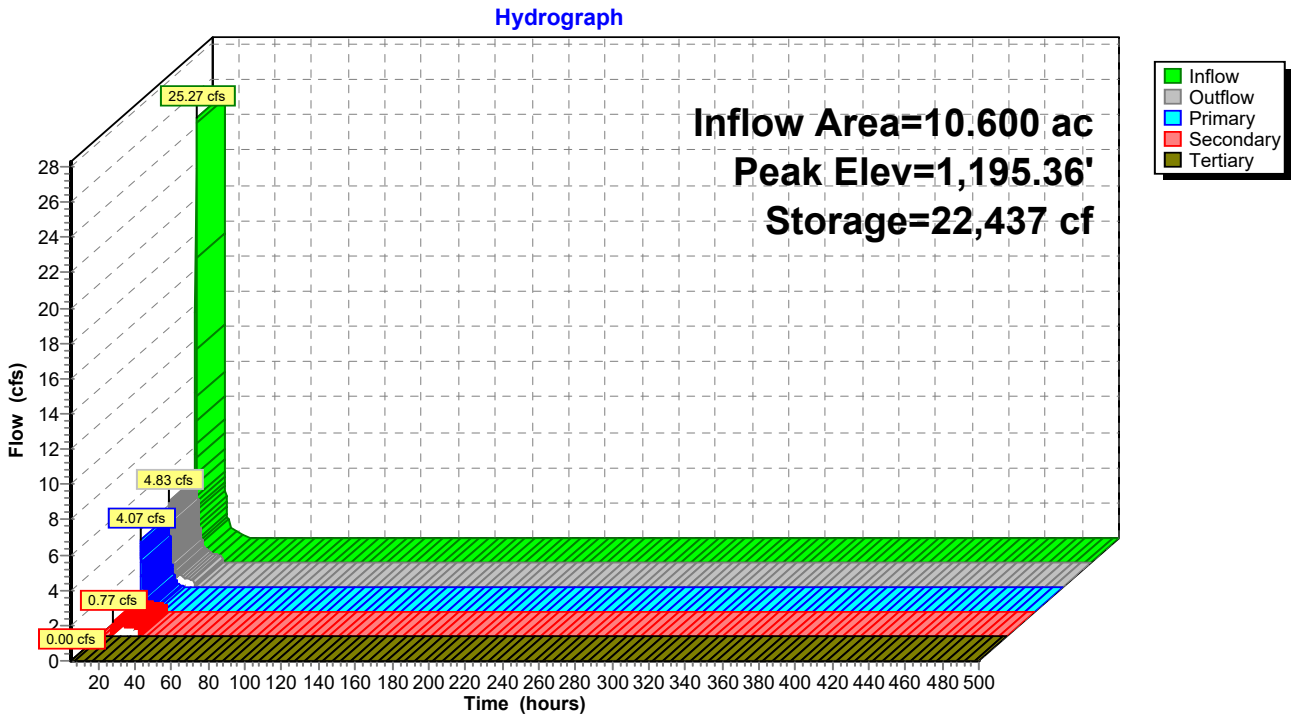
Primary OutFlow Max=4.06 cfs @ 12.52 hrs HW=1,195.36' (Free Discharge)
└**1=Culvert** (Passes 4.06 cfs of 5.16 cfs potential flow)
├**2=Sharp-Crested Vee/Trap Weir** (Weir Controls 4.06 cfs @ 4.13 fps)
└**3=Orifice/Grate** (Controls 0.00 cfs)

Secondary OutFlow Max=0.76 cfs @ 12.52 hrs HW=1,195.36' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.76 cfs)

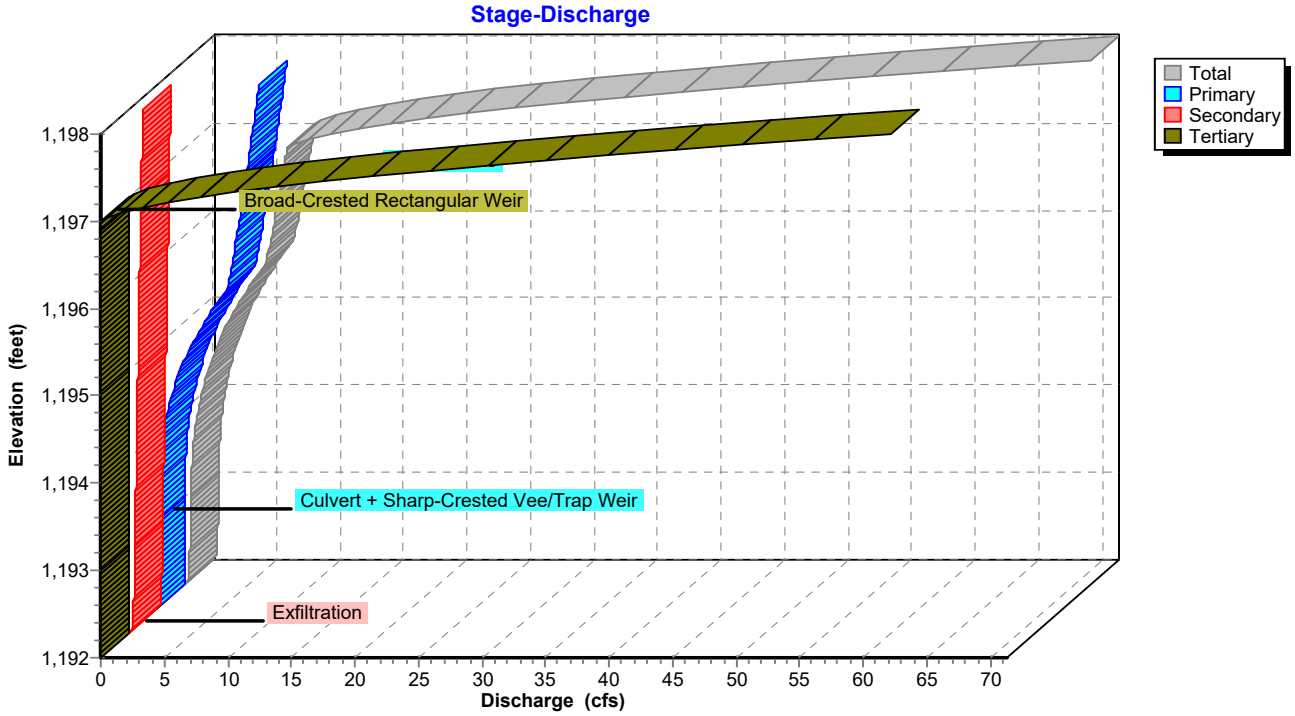
Tertiary OutFlow Max=0.00 cfs @ 5.00 hrs HW=1,192.00' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)



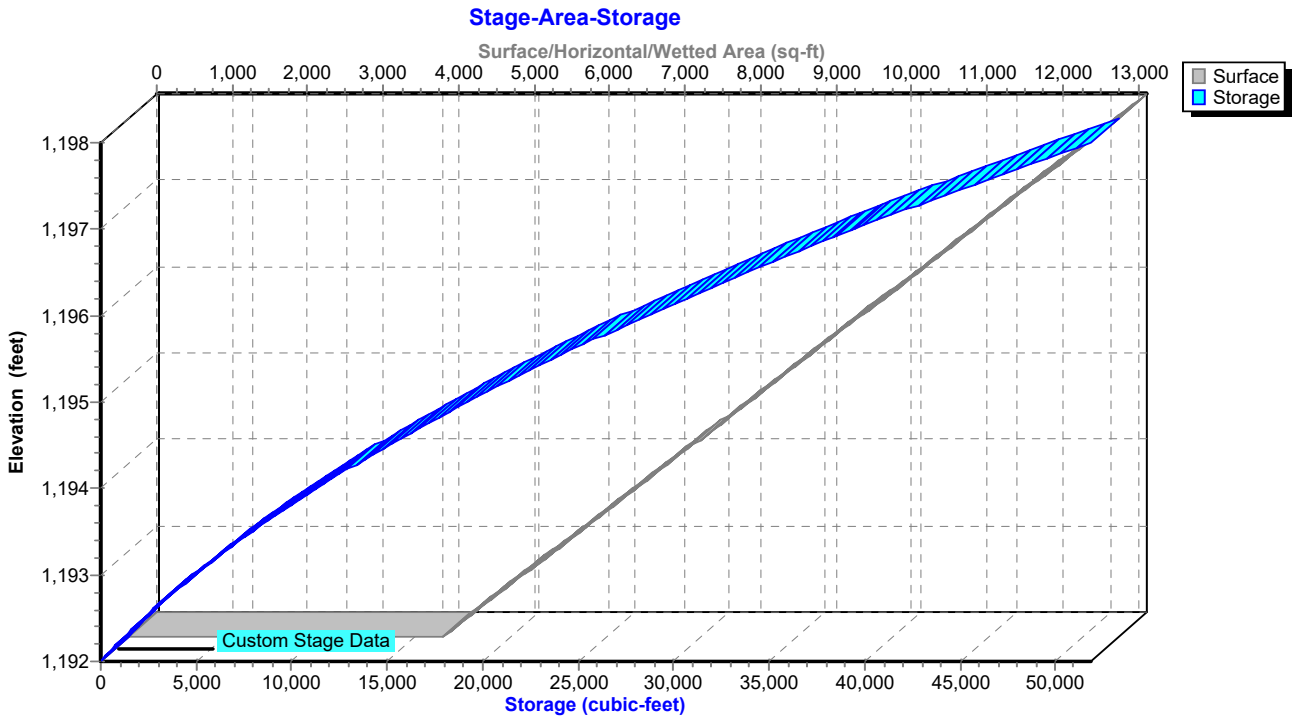
Pond P3A: Pond 3A



Pond P3A: Pond 3A



Pond P3A: Pond 3A



Hydrograph for Pond P3A: Pond 3A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,192.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**1.05**	**13,406**	**1,194.28**	**1.52**	**0.89**	**0.63**	0.00
25.00	0.00	2,541	1,192.55	0.42	0.00	0.42	0.00
35.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P3A: Pond 3A

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,192.00	0.00	0.00	0.00	0.00
1,192.20	0.37	0.00	0.37	0.00
1,192.40	0.40	0.00	0.40	0.00
1,192.60	0.42	0.00	0.42	0.00
1,192.80	0.45	0.00	0.45	0.00
1,193.00	0.47	0.00	0.47	0.00
1,193.20	0.50	0.01	0.50	0.00
1,193.40	0.57	0.05	0.52	0.00
1,193.60	0.68	0.13	0.55	0.00
1,193.80	0.84	0.27	0.57	0.00
1,194.00	1.07	0.47	0.60	0.00
1,194.20	1.37	0.75	0.62	0.00
1,194.40	1.75	1.10	0.65	0.00
1,194.60	2.21	1.54	0.67	0.00
1,194.80	2.76	2.06	0.70	0.00
1,195.00	3.40	2.68	0.72	0.00
1,195.20	4.15	3.41	0.74	0.00
1,195.40	5.00	4.23	0.77	0.00
1,195.60	5.96	5.17	0.79	0.00
1,195.80	6.55	5.74	0.82	0.00
1,196.00	6.82	5.98	0.84	0.00
1,196.20	7.08	6.21	0.87	0.00
1,196.40	7.33	6.44	0.89	0.00
1,196.60	7.58	6.66	0.92	0.00
1,196.80	7.81	6.87	0.94	0.00
1,197.00	8.04	7.07	0.97	0.00
1,197.20	12.86	7.27	0.99	4.60
1,197.40	22.27	7.47	1.02	13.78
1,197.60	36.21	7.66	1.04	27.51
1,197.80	52.33	7.84	1.07	43.42
1,198.00	**71.29**	**8.02**	**1.09**	**62.18**

Stage-Area-Storage for Pond P3A: Pond 3A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,192.00	4,165	0
1,192.10	4,314	424
1,192.20	4,463	863
1,192.30	4,613	1,317
1,192.40	4,762	1,785
1,192.50	4,911	2,269
1,192.60	5,060	2,768
1,192.70	5,209	3,281
1,192.80	5,359	3,809
1,192.90	5,508	4,353
1,193.00	5,657	4,911
1,193.10	5,806	5,484
1,193.20	5,955	6,072
1,193.30	6,105	6,675
1,193.40	6,254	7,293
1,193.50	6,403	7,926
1,193.60	6,552	8,574
1,193.70	6,701	9,236
1,193.80	6,851	9,914
1,193.90	7,000	10,607
1,194.00	7,149	11,314
1,194.10	7,298	12,036
1,194.20	7,447	12,774
1,194.30	7,597	13,526
1,194.40	7,746	14,293
1,194.50	7,895	15,075
1,194.60	8,044	15,872
1,194.70	8,193	16,684
1,194.80	8,343	17,511
1,194.90	8,492	18,352
1,195.00	8,641	19,209
1,195.10	8,790	20,081
1,195.20	8,939	20,967
1,195.30	9,089	21,868
1,195.40	9,238	22,785
1,195.50	9,387	23,716
1,195.60	9,536	24,662
1,195.70	9,685	25,623
1,195.80	9,835	26,599
1,195.90	9,984	27,590
1,196.00	10,133	28,596
1,196.10	10,282	29,617
1,196.20	10,431	30,652
1,196.30	10,581	31,703
1,196.40	10,730	32,769
1,196.50	10,879	33,849
1,196.60	11,028	34,944
1,196.70	11,177	36,055
1,196.80	11,327	37,180
1,196.90	11,476	38,320
1,197.00	11,625	39,475
1,197.10	11,774	40,645
1,197.20	11,923	41,830
1,197.30	12,073	43,030
1,197.40	12,222	44,244
1,197.50	12,371	45,474
1,197.60	12,520	46,719
1,197.70	12,669	47,978
1,197.80	12,819	49,252
1,197.90	12,968	50,542
1,198.00	**13,117**	**51,846**

Summary for Pond P3B: Pond 3B

Inflow Area = 8.450 ac, 19.88% Impervious, Inflow Depth = 1.60" for 10 YR event
Inflow = 21.12 cfs @ 12.14 hrs, Volume= 1.129 af
Outflow = 4.59 cfs @ 12.47 hrs, Volume= 1.129 af, Atten= 78%, Lag= 20.1 min
Primary = 3.92 cfs @ 12.47 hrs, Volume= 0.579 af
Routed to Link 4L : Post - North
Secondary = 0.68 cfs @ 12.47 hrs, Volume= 0.550 af
Tertiary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,198.33' @ 12.47 hrs Surf.Area= 8,114 sf Storage= 18,152 cf

Plug-Flow detention time= 118.9 min calculated for 1.129 af (100% of inflow)
Center-of-Mass det. time= 118.9 min (954.6 - 835.7)

Volume	Invert	Avail.Storage	Storage Description
#1	1,195.00'	33,965 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

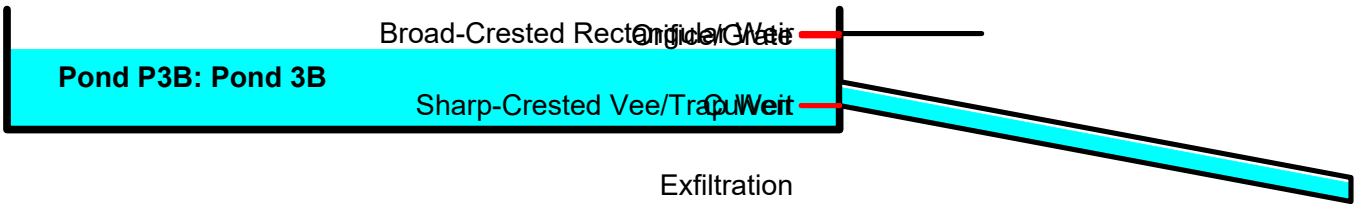
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,195.00	2,799	0	0
1,200.00	10,787	33,965	33,965

Device	Routing	Invert	Outlet Devices
#1	Primary	1,196.00'	**12.0" Round Culvert** L= 36.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,196.00' / 1,192.00' S= 0.1111 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,196.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,198.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Secondary	1,195.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,199.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

Primary OutFlow Max=3.91 cfs @ 12.47 hrs HW=1,198.32' (Free Discharge)
└**1=Culvert** (Passes 3.91 cfs of 5.11 cfs potential flow)
├**2=Sharp-Crested Vee/Trap Weir** (Weir Controls 3.91 cfs @ 4.10 fps)
└**3=Orifice/Grate** (Controls 0.00 cfs)

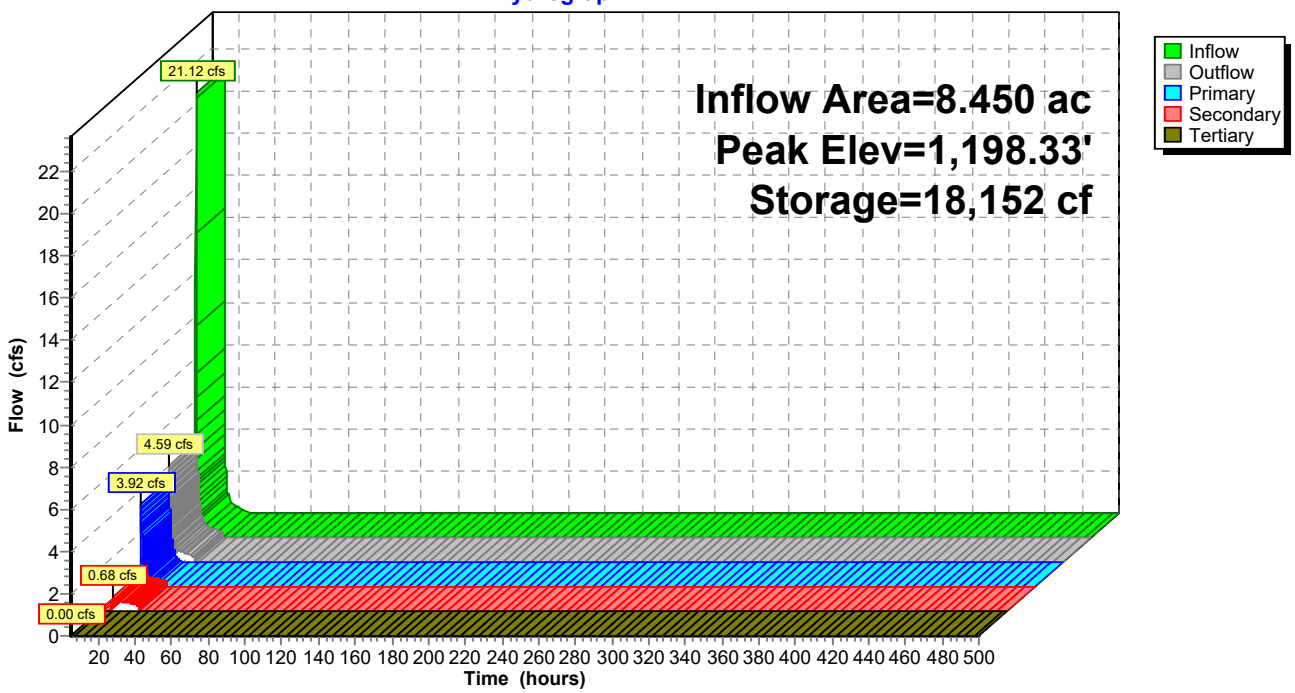
Secondary OutFlow Max=0.68 cfs @ 12.47 hrs HW=1,198.32' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.68 cfs)

Tertiary OutFlow Max=0.00 cfs @ 5.00 hrs HW=1,195.00' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)

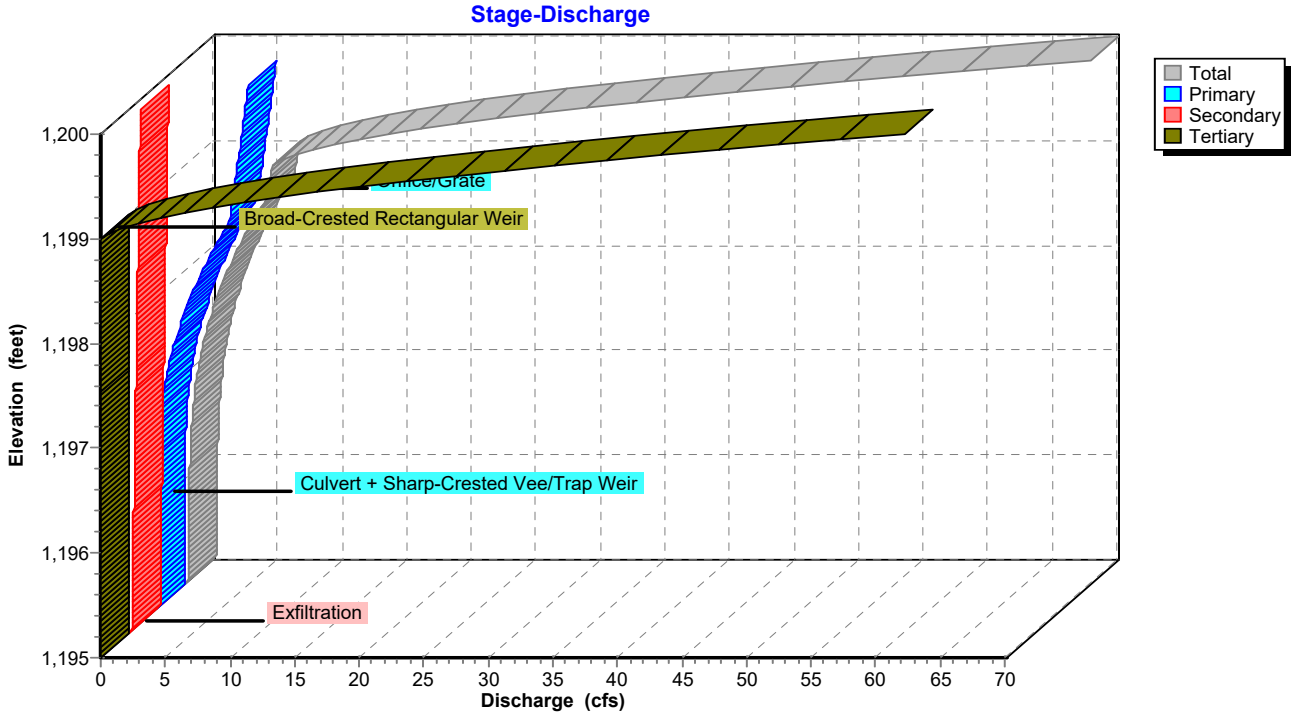


Pond P3B: Pond 3B

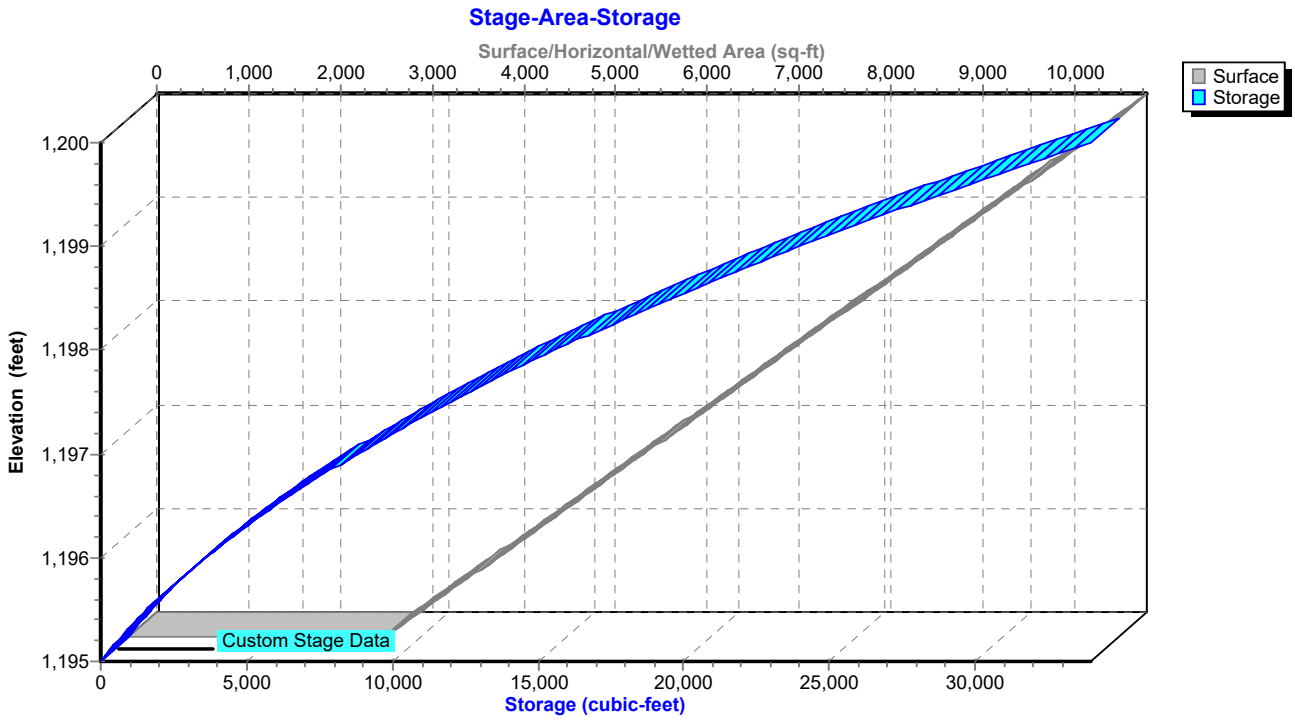
Hydrograph



Pond P3B: Pond 3B



Pond P3B: Pond 3B



Hydrograph for Pond P3B: Pond 3B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,195.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**0.86**	**9,831**	**1,197.17**	**1.22**	**0.70**	**0.52**	0.00
25.00	0.00	1,719	1,195.53	0.30	0.00	0.30	0.00
35.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P3B: Pond 3B

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,195.00	0.00	0.00	0.00	0.00
1,195.10	0.25	0.00	0.25	0.00
1,195.20	0.26	0.00	0.26	0.00
1,195.30	0.27	0.00	0.27	0.00
1,195.40	0.29	0.00	0.29	0.00
1,195.50	0.30	0.00	0.30	0.00
1,195.60	0.31	0.00	0.31	0.00
1,195.70	0.33	0.00	0.33	0.00
1,195.80	0.34	0.00	0.34	0.00
1,195.90	0.35	0.00	0.35	0.00
1,196.00	0.37	0.00	0.37	0.00
1,196.10	0.38	0.00	0.38	0.00
1,196.20	0.40	0.01	0.39	0.00
1,196.30	0.43	0.02	0.41	0.00
1,196.40	0.47	0.05	0.42	0.00
1,196.50	0.52	0.08	0.43	0.00
1,196.60	0.58	0.13	0.45	0.00
1,196.70	0.65	0.19	0.46	0.00
1,196.80	0.74	0.27	0.47	0.00
1,196.90	0.85	0.36	0.49	0.00
1,197.00	0.97	0.47	0.50	0.00
1,197.10	1.11	0.60	0.51	0.00
1,197.20	1.27	0.75	0.53	0.00
1,197.30	1.45	0.91	0.54	0.00
1,197.40	1.65	1.10	0.55	0.00
1,197.50	1.87	1.31	0.57	0.00
1,197.60	2.12	1.54	0.58	0.00
1,197.70	2.38	1.79	0.59	0.00
1,197.80	2.67	2.06	0.61	0.00
1,197.90	2.98	2.36	0.62	0.00
1,198.00	3.32	2.68	0.63	0.00
1,198.10	3.68	3.03	0.65	0.00
1,198.20	4.06	3.41	0.66	0.00
1,198.30	4.48	3.81	0.67	0.00
1,198.40	4.92	4.23	0.69	0.00
1,198.50	5.39	4.69	0.70	0.00
1,198.60	5.88	5.17	0.71	0.00
1,198.70	6.33	5.61	0.73	0.00
1,198.80	6.47	5.74	0.74	0.00
1,198.90	6.61	5.86	0.75	0.00
1,199.00	6.75	5.98	0.77	0.00
1,199.10	8.48	6.10	0.78	1.60
1,199.20	11.60	6.21	0.79	4.60
1,199.30	15.83	6.33	0.81	8.70
1,199.40	21.04	6.44	0.82	13.78
1,199.50	27.47	6.55	0.83	20.08
1,199.60	35.01	6.66	0.85	27.51
1,199.70	42.73	6.76	0.86	35.10
1,199.80	51.17	6.87	0.87	43.42
1,199.90	60.31	6.97	0.89	52.45
1,200.00	**70.15**	**7.07**	**0.90**	**62.18**

Stage-Area-Storage for Pond P3B: Pond 3B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,195.00	2,799	0
1,195.05	2,879	142
1,195.10	2,959	288
1,195.15	3,039	438
1,195.20	3,119	592
1,195.25	3,198	750
1,195.30	3,278	912
1,195.35	3,358	1,078
1,195.40	3,438	1,247
1,195.45	3,518	1,421
1,195.50	3,598	1,599
1,195.55	3,678	1,781
1,195.60	3,758	1,967
1,195.65	3,837	2,157
1,195.70	3,917	2,351
1,195.75	3,997	2,549
1,195.80	4,077	2,750
1,195.85	4,157	2,956
1,195.90	4,237	3,166
1,195.95	4,317	3,380
1,196.00	4,397	3,598
1,196.05	4,476	3,820
1,196.10	4,556	4,045
1,196.15	4,636	4,275
1,196.20	4,716	4,509
1,196.25	4,796	4,747
1,196.30	4,876	4,989
1,196.35	4,956	5,234
1,196.40	5,036	5,484
1,196.45	5,116	5,738
1,196.50	5,195	5,996
1,196.55	5,275	6,258
1,196.60	5,355	6,523
1,196.65	5,435	6,793
1,196.70	5,515	7,067
1,196.75	5,595	7,345
1,196.80	5,675	7,626
1,196.85	5,755	7,912
1,196.90	5,834	8,202
1,196.95	5,914	8,495
1,197.00	5,994	8,793
1,197.05	6,074	9,095
1,197.10	6,154	9,401
1,197.15	6,234	9,710
1,197.20	6,314	10,024
1,197.25	6,394	10,342
1,197.30	6,473	10,663
1,197.35	6,553	10,989
1,197.40	6,633	11,319
1,197.45	6,713	11,652
1,197.50	6,793	11,990
1,197.55	6,873	12,332
1,197.60	6,953	12,677
1,197.65	7,033	13,027
1,197.70	7,113	13,381
1,197.75	7,192	13,738
1,197.80	7,272	14,100
1,197.85	7,352	14,465
1,197.90	7,432	14,835
1,197.95	7,512	15,209
1,198.00	7,592	15,586
1,198.05	7,672	15,968
1,198.10	7,752	16,353
1,198.15	7,831	16,743
1,198.20	7,911	17,137
1,198.25	7,991	17,534
1,198.30	8,071	17,936
1,198.35	8,151	18,341
1,198.40	8,231	18,751
1,198.45	8,311	19,164
1,198.50	8,391	19,582
1,198.55	8,470	20,003
1,198.60	8,550	20,429
1,198.65	8,630	20,858
1,198.70	8,710	21,292
1,198.75	8,790	21,729
1,198.80	8,870	22,171
1,198.85	8,950	22,616
1,198.90	9,030	23,066
1,198.95	9,110	23,519
1,199.00	9,189	23,977
1,199.05	9,269	24,438
1,199.10	9,349	24,904
1,199.15	9,429	25,373
1,199.20	9,509	25,847
1,199.25	9,589	26,324
1,199.30	9,669	26,806
1,199.35	9,749	27,291
1,199.40	9,828	27,780
1,199.45	9,908	28,274
1,199.50	9,988	28,771
1,199.55	10,068	29,273
1,199.60	10,148	29,778
1,199.65	10,228	30,287
1,199.70	10,308	30,801
1,199.75	10,388	31,318
1,199.80	10,467	31,840
1,199.85	10,547	32,365
1,199.90	10,627	32,894
1,199.95	10,707	33,428
1,200.00	**10,787**	**33,965**

Summary for Pond P3C: Pond 3C

Inflow Area = 2.490 ac, 22.89% Impervious, Inflow Depth = 1.89" for 10 YR event
Inflow = 7.40 cfs @ 12.14 hrs, Volume= 0.393 af
Outflow = 1.31 cfs @ 12.53 hrs, Volume= 0.393 af, Atten= 82%, Lag= 23.7 min
Primary = 0.97 cfs @ 12.53 hrs, Volume= 0.132 af
Routed to Link 4L : Post - North
Secondary = 0.33 cfs @ 12.53 hrs, Volume= 0.262 af
Tertiary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,180.33' @ 12.53 hrs Surf.Area= 4,013 sf Storage= 6,905 cf

Plug-Flow detention time= 125.7 min calculated for 0.393 af (100% of inflow)
Center-of-Mass det. time= 125.7 min (952.1 - 826.5)

Volume	Invert	Avail.Storage	Storage Description
#1	1,178.00'	14,846 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

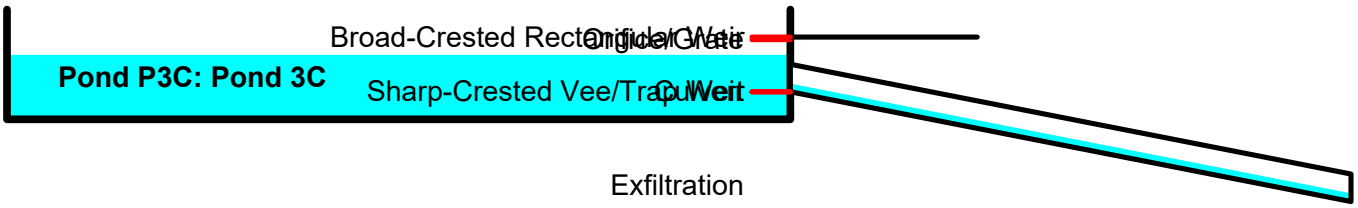
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,178.00	1,905	0	0
1,182.00	5,518	14,846	14,846

Device	Routing	Invert	Outlet Devices
#1	Primary	1,179.00'	**12.0" Round Culvert** L= 30.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,179.00' / 1,175.00' S= 0.1333 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,179.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,180.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Secondary	1,178.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,181.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

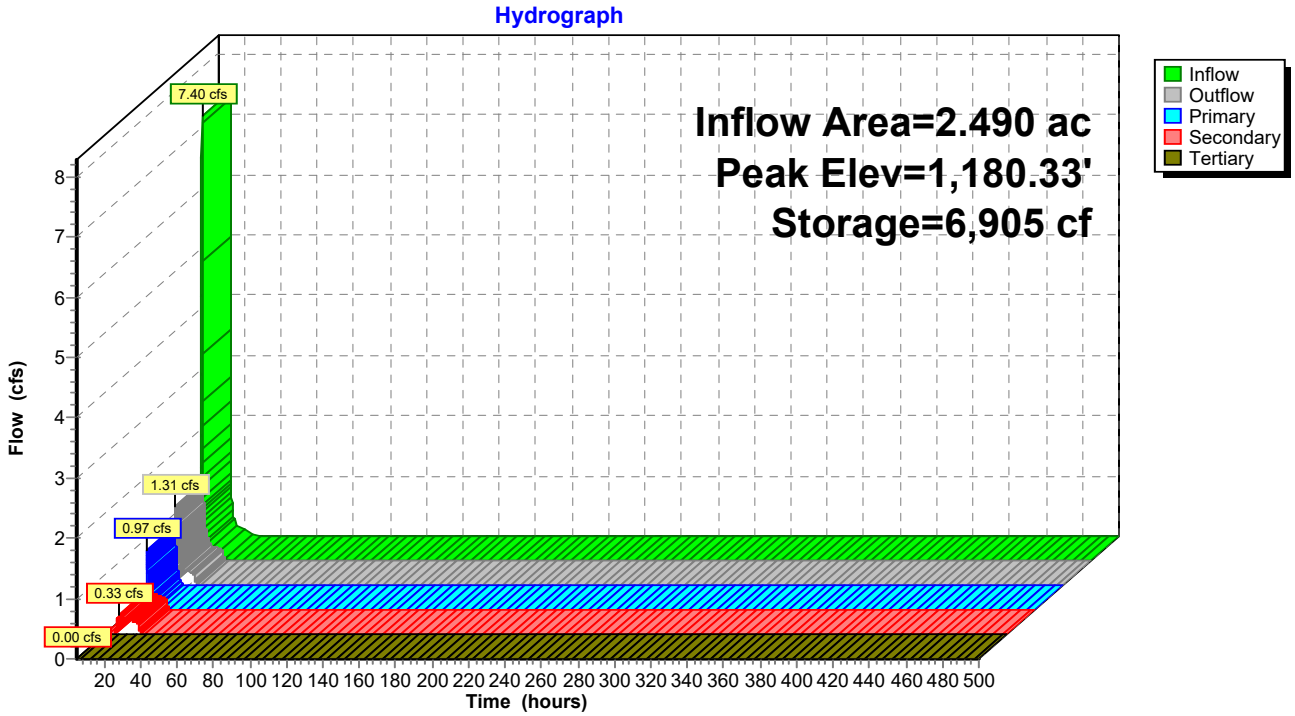
Primary OutFlow Max=0.97 cfs @ 12.53 hrs HW=1,180.33' (Free Discharge)
└**1=Culvert** (Passes 0.97 cfs of 3.45 cfs potential flow)
├**2=Sharp-Crested Vee/Trap Weir** (Weir Controls 0.97 cfs @ 3.11 fps)
└**3=Orifice/Grate** (Controls 0.00 cfs)

Secondary OutFlow Max=0.33 cfs @ 12.53 hrs HW=1,180.33' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.33 cfs)

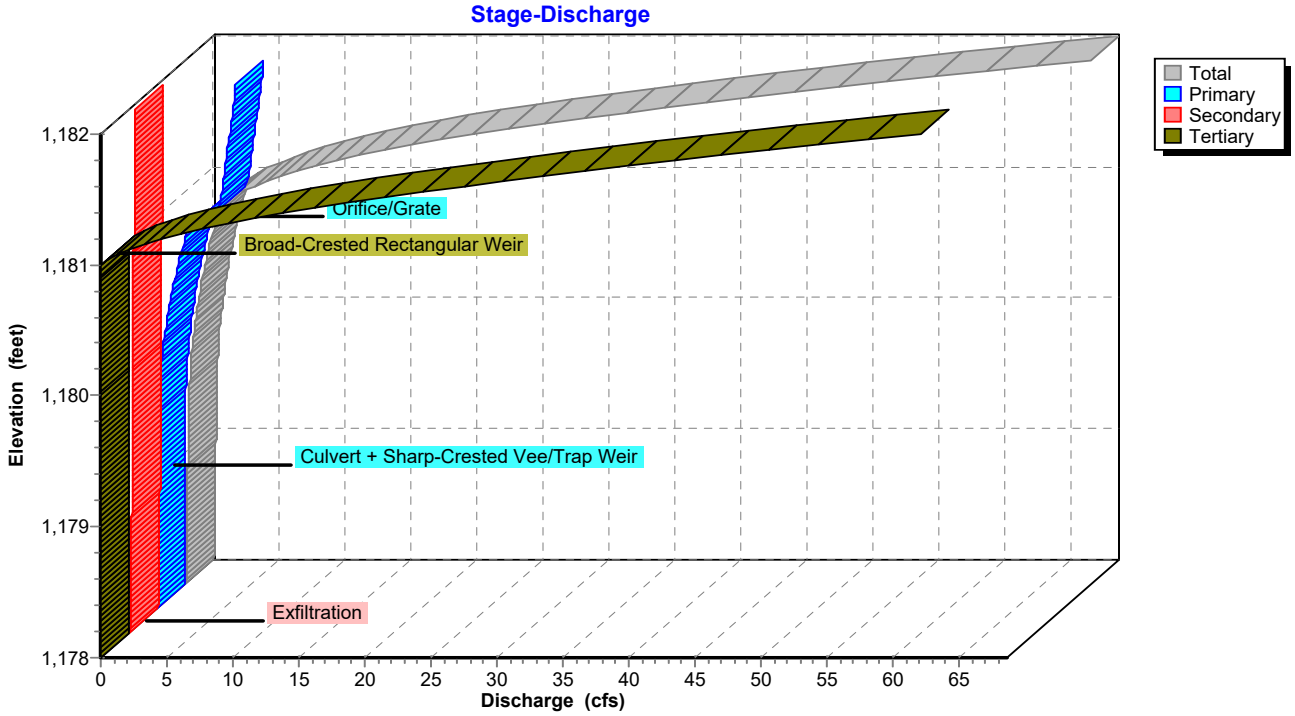
Tertiary OutFlow Max=0.00 cfs @ 5.00 hrs HW=1,178.00' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)



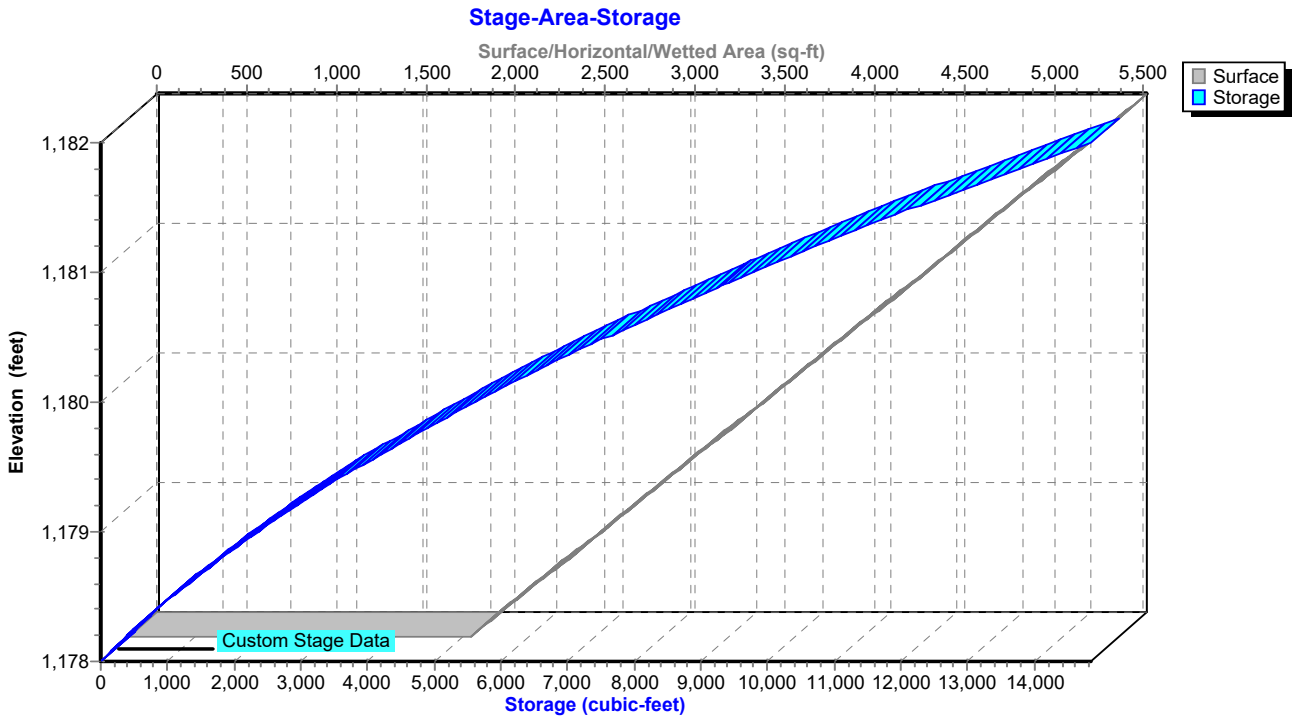
Pond P3C: Pond 3C



Pond P3C: Pond 3C



Pond P3C: Pond 3C



Hydrograph for Pond P3C: Pond 3C

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,178.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**0.28**	**4,320**	**1,179.63**	**0.43**	**0.15**	**0.28**	0.00
25.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
35.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P3C: Pond 3C

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,178.00	0.00	0.00	0.00	0.00
1,178.10	0.17	0.00	0.17	0.00
1,178.20	0.17	0.00	0.17	0.00
1,178.30	0.18	0.00	0.18	0.00
1,178.40	0.19	0.00	0.19	0.00
1,178.50	0.20	0.00	0.20	0.00
1,178.60	0.20	0.00	0.20	0.00
1,178.70	0.21	0.00	0.21	0.00
1,178.80	0.22	0.00	0.22	0.00
1,178.90	0.23	0.00	0.23	0.00
1,179.00	0.23	0.00	0.23	0.00
1,179.10	0.24	0.00	0.24	0.00
1,179.20	0.26	0.01	0.25	0.00
1,179.30	0.28	0.02	0.26	0.00
1,179.40	0.31	0.05	0.26	0.00
1,179.50	0.36	0.08	0.27	0.00
1,179.60	0.41	0.13	0.28	0.00
1,179.70	0.48	0.19	0.29	0.00
1,179.80	0.57	0.27	0.29	0.00
1,179.90	0.67	0.36	0.30	0.00
1,180.00	0.78	0.47	0.31	0.00
1,180.10	0.92	0.60	0.32	0.00
1,180.20	1.07	0.75	0.32	0.00
1,180.30	1.25	0.91	0.33	0.00
1,180.40	1.44	1.10	0.34	0.00
1,180.50	1.65	1.31	0.35	0.00
1,180.60	1.89	1.54	0.35	0.00
1,180.70	2.15	1.79	0.36	0.00
1,180.80	2.43	2.06	0.37	0.00
1,180.90	2.74	2.36	0.38	0.00
1,181.00	4.10	3.72	0.38	0.00
1,181.10	6.78	4.78	0.39	1.60
1,181.20	9.93	4.93	0.40	4.60
1,181.30	14.18	5.07	0.41	8.70
1,181.40	19.41	5.21	0.41	13.78
1,181.50	25.85	5.35	0.42	20.08
1,181.60	33.42	5.48	0.43	27.51
1,181.70	41.15	5.61	0.44	35.10
1,181.80	49.60	5.74	0.44	43.42
1,181.90	58.76	5.86	0.45	52.45
1,182.00	**68.62**	**5.98**	**0.46**	**62.18**

Stage-Area-Storage for Pond P3C: Pond 3C

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,178.00	1,905	0
1,178.05	1,950	96
1,178.10	1,995	195
1,178.15	2,040	296
1,178.20	2,086	399
1,178.25	2,131	504
1,178.30	2,176	612
1,178.35	2,221	722
1,178.40	2,266	834
1,178.45	2,311	949
1,178.50	2,357	1,065
1,178.55	2,402	1,184
1,178.60	2,447	1,306
1,178.65	2,492	1,429
1,178.70	2,537	1,555
1,178.75	2,582	1,683
1,178.80	2,628	1,813
1,178.85	2,673	1,946
1,178.90	2,718	2,080
1,178.95	2,763	2,217
1,179.00	2,808	2,357
1,179.05	2,853	2,498
1,179.10	2,899	2,642
1,179.15	2,944	2,788
1,179.20	2,989	2,936
1,179.25	3,034	3,087
1,179.30	3,079	3,240
1,179.35	3,124	3,395
1,179.40	3,170	3,552
1,179.45	3,215	3,712
1,179.50	3,260	3,874
1,179.55	3,305	4,038
1,179.60	3,350	4,204
1,179.65	3,395	4,373
1,179.70	3,441	4,544
1,179.75	3,486	4,717
1,179.80	3,531	4,892
1,179.85	3,576	5,070
1,179.90	3,621	5,250
1,179.95	3,666	5,432
1,180.00	3,712	5,617
1,180.05	3,757	5,803
1,180.10	3,802	5,992
1,180.15	3,847	6,183
1,180.20	3,892	6,377
1,180.25	3,937	6,573
1,180.30	3,982	6,771
1,180.35	4,028	6,971
1,180.40	4,073	7,173
1,180.45	4,118	7,378
1,180.50	4,163	7,585
1,180.55	4,208	7,794
1,180.60	4,253	8,006
1,180.65	4,299	8,220
1,180.70	4,344	8,436
1,180.75	4,389	8,654
1,180.80	4,434	8,875
1,180.85	4,479	9,098
1,180.90	4,524	9,323
1,180.95	4,570	9,550
1,181.00	4,615	9,780
1,181.05	4,660	10,011
1,181.10	4,705	10,246
1,181.15	4,750	10,482
1,181.20	4,795	10,721
1,181.25	4,841	10,962
1,181.30	4,886	11,205
1,181.35	4,931	11,450
1,181.40	4,976	11,698
1,181.45	5,021	11,948
1,181.50	5,066	12,200
1,181.55	5,112	12,454
1,181.60	5,157	12,711
1,181.65	5,202	12,970
1,181.70	5,247	13,231
1,181.75	5,292	13,495
1,181.80	5,337	13,760
1,181.85	5,383	14,028
1,181.90	5,428	14,299
1,181.95	5,473	14,571
1,182.00	**5,518**	**14,846**

Summary for Pond P3D: Pond 3D

Inflow Area = 2.380 ac, 23.95% Impervious, Inflow Depth = 1.97" for 10 YR event
Inflow = 7.36 cfs @ 12.13 hrs, Volume= 0.391 af
Outflow = 3.16 cfs @ 12.27 hrs, Volume= 0.391 af, Atten= 57%, Lag= 8.1 min
Primary = 2.94 cfs @ 12.27 hrs, Volume= 0.230 af
Routed to Link 4L : Post - North
Secondary = 0.22 cfs @ 12.27 hrs, Volume= 0.161 af
Tertiary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,190.07' @ 12.27 hrs Surf.Area= 2,687 sf Storage= 5,269 cf

Plug-Flow detention time= 80.4 min calculated for 0.391 af (100% of inflow)
Center-of-Mass det. time= 80.4 min (904.6 - 824.2)

Volume	Invert	Avail.Storage	Storage Description
#1	1,187.00'	11,620 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

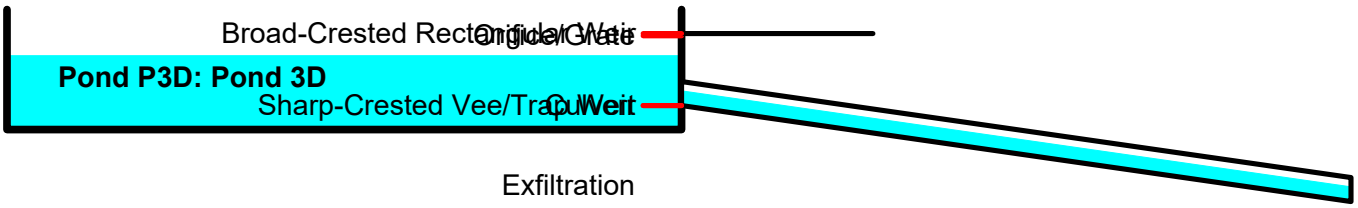
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,187.00	741	0	0
1,192.00	3,907	11,620	11,620

Device	Routing	Invert	Outlet Devices
#1	Primary	1,188.00'	**12.0" Round Culvert** L= 35.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,188.00' / 1,184.00' S= 0.1143 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,188.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,190.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600
#4	Secondary	1,187.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,191.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

Primary OutFlow Max=2.90 cfs @ 12.27 hrs HW=1,190.06' (Free Discharge)
└**1=Culvert** (Passes 2.90 cfs of 4.73 cfs potential flow)
└**2=Sharp-Crested Vee/Trap Weir** (Weir Controls 2.90 cfs @ 3.86 fps)
└**3=Orifice/Grate** (Controls 0.00 cfs)

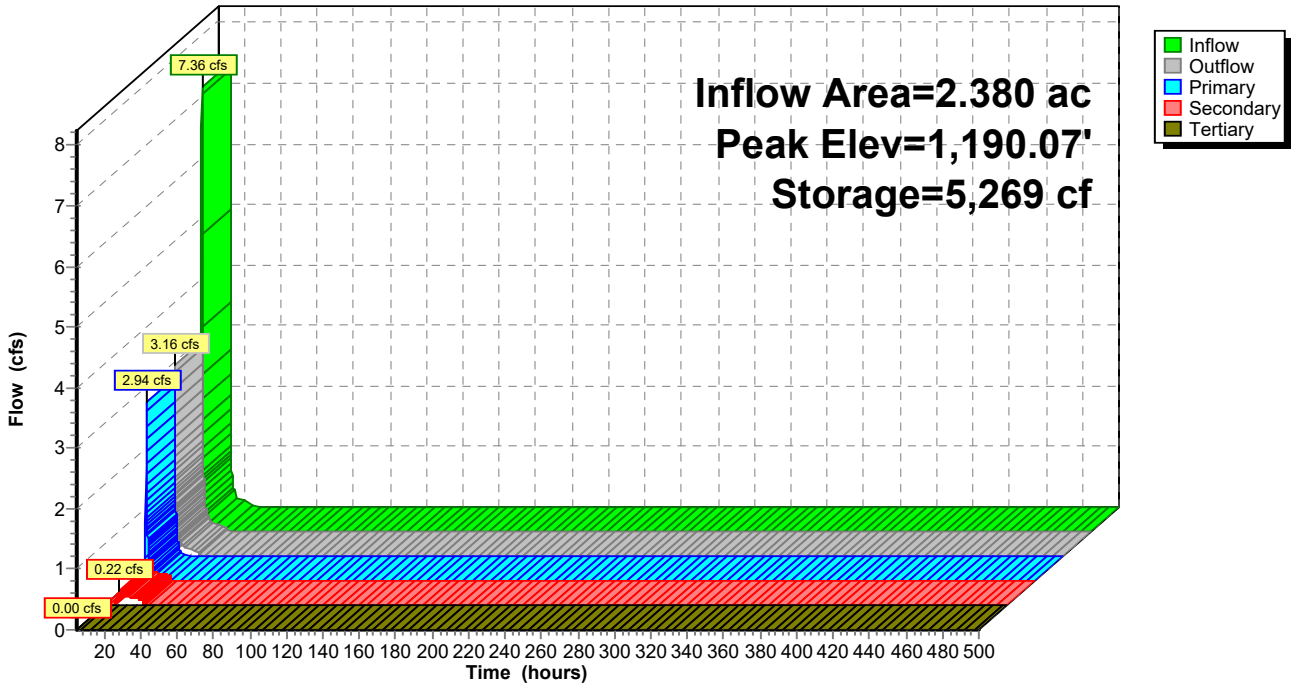
Secondary OutFlow Max=0.22 cfs @ 12.27 hrs HW=1,190.06' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.22 cfs)

Tertiary OutFlow Max=0.00 cfs @ 5.00 hrs HW=1,187.00' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)

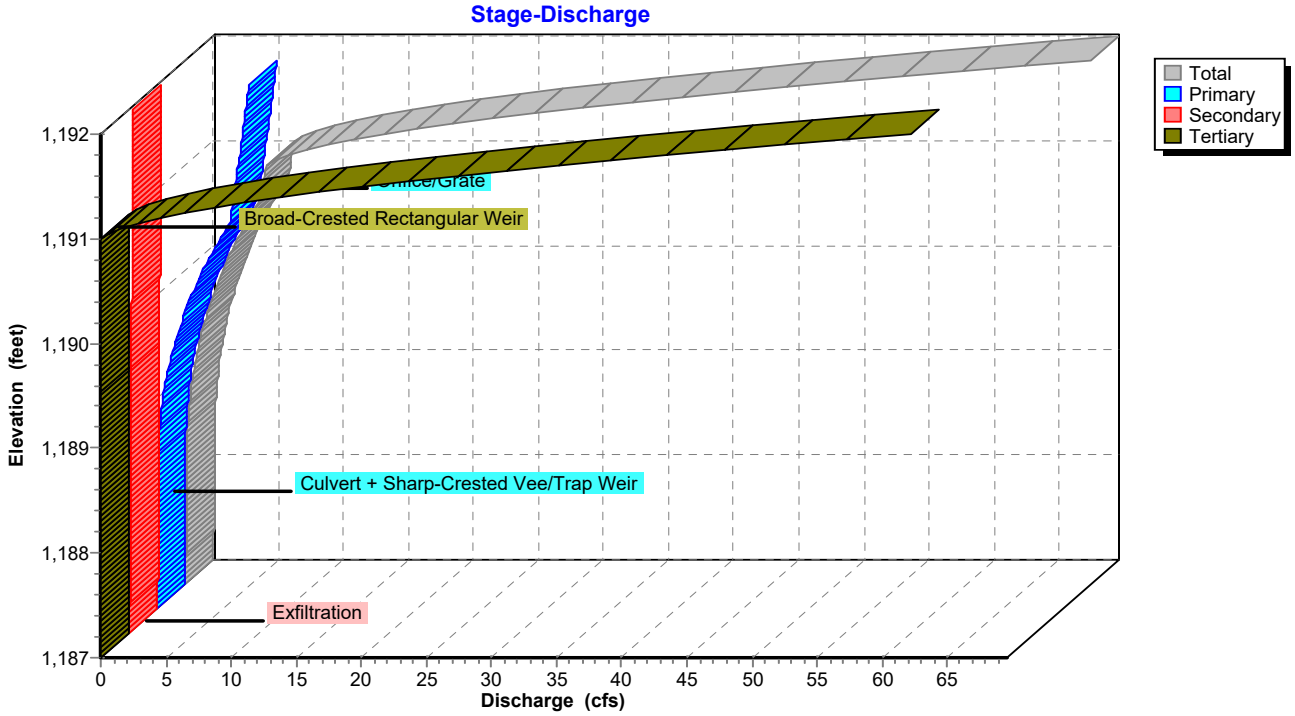


Pond P3D: Pond 3D

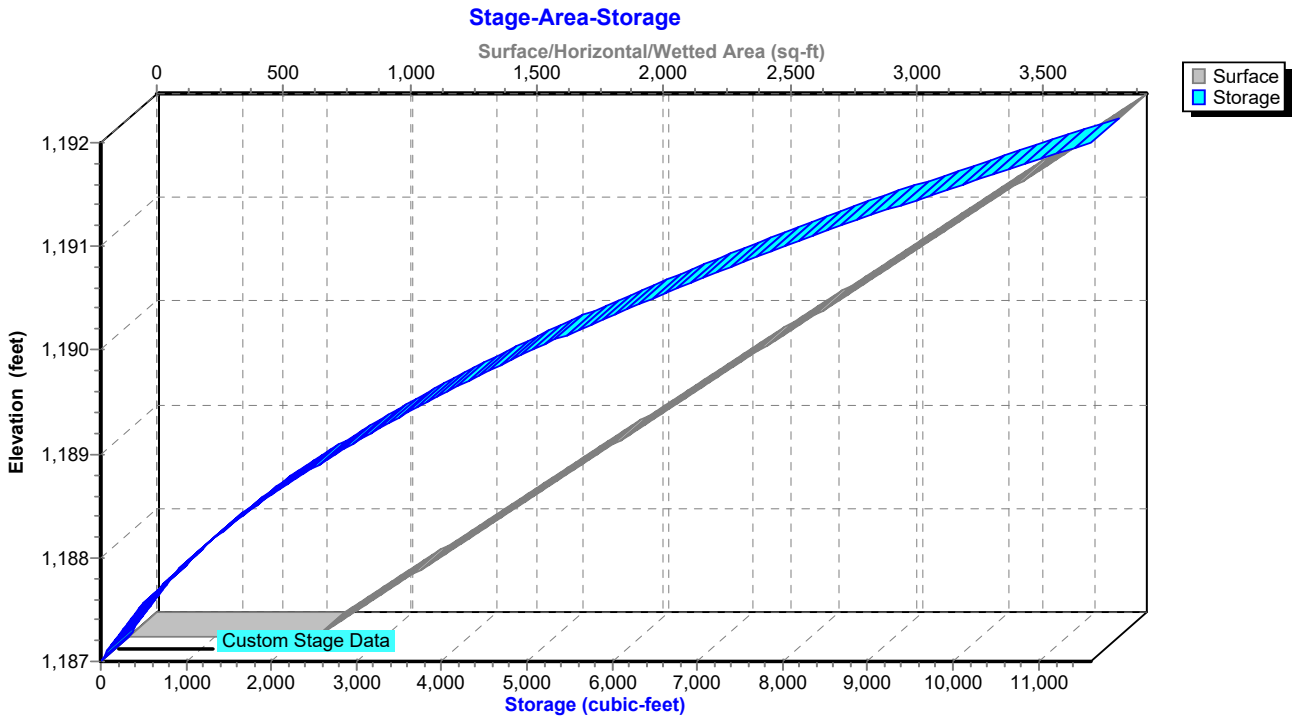
Hydrograph



Pond P3D: Pond 3D



Pond P3D: Pond 3D



Hydrograph for Pond P3D: Pond 3D

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,187.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**0.27**	**2,118**	**1,188.67**	**0.32**	**0.17**	**0.15**	0.00
25.00	0.00	336	1,187.39	0.08	0.00	0.08	0.00
35.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P3D: Pond 3D

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,187.00	0.00	0.00	0.00	0.00
1,187.10	0.07	0.00	0.07	0.00
1,187.20	0.07	0.00	0.07	0.00
1,187.30	0.08	0.00	0.08	0.00
1,187.40	0.08	0.00	0.08	0.00
1,187.50	0.09	0.00	0.09	0.00
1,187.60	0.09	0.00	0.09	0.00
1,187.70	0.10	0.00	0.10	0.00
1,187.80	0.10	0.00	0.10	0.00
1,187.90	0.11	0.00	0.11	0.00
1,188.00	0.11	0.00	0.11	0.00
1,188.10	0.12	0.00	0.12	0.00
1,188.20	0.13	0.01	0.13	0.00
1,188.30	0.15	0.02	0.13	0.00
1,188.40	0.18	0.05	0.14	0.00
1,188.50	0.22	0.08	0.14	0.00
1,188.60	0.28	0.13	0.15	0.00
1,188.70	0.35	0.19	0.15	0.00
1,188.80	0.43	0.27	0.16	0.00
1,188.90	0.53	0.36	0.16	0.00
1,189.00	0.64	0.47	0.17	0.00
1,189.10	0.77	0.60	0.17	0.00
1,189.20	0.93	0.75	0.18	0.00
1,189.30	1.10	0.91	0.18	0.00
1,189.40	1.29	1.10	0.19	0.00
1,189.50	1.50	1.31	0.19	0.00
1,189.60	1.73	1.54	0.20	0.00
1,189.70	1.99	1.79	0.20	0.00
1,189.80	2.27	2.06	0.21	0.00
1,189.90	2.58	2.36	0.21	0.00
1,190.00	2.90	2.68	0.22	0.00
1,190.10	3.26	3.03	0.23	0.00
1,190.20	3.64	3.41	0.23	0.00
1,190.30	4.04	3.81	0.24	0.00
1,190.40	4.47	4.23	0.24	0.00
1,190.50	4.93	4.69	0.25	0.00
1,190.60	5.42	5.17	0.25	0.00
1,190.70	5.87	5.61	0.26	0.00
1,190.80	6.00	5.74	0.26	0.00
1,190.90	6.13	5.86	0.27	0.00
1,191.00	6.25	5.98	0.27	0.00
1,191.10	7.98	6.10	0.28	1.60
1,191.20	11.09	6.21	0.28	4.60
1,191.30	15.31	6.33	0.29	8.70
1,191.40	20.52	6.44	0.29	13.78
1,191.50	26.93	6.55	0.30	20.08
1,191.60	34.47	6.66	0.30	27.51
1,191.70	42.18	6.76	0.31	35.10
1,191.80	50.61	6.87	0.32	43.42
1,191.90	59.75	6.97	0.32	52.45
1,192.00	**69.58**	**7.07**	**0.33**	**62.18**

Stage-Area-Storage for Pond P3D: Pond 3D

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,187.00	741	0
1,187.05	773	38
1,187.10	804	77
1,187.15	836	118
1,187.20	868	161
1,187.25	899	205
1,187.30	931	251
1,187.35	963	298
1,187.40	994	347
1,187.45	1,026	398
1,187.50	1,058	450
1,187.55	1,089	503
1,187.60	1,121	559
1,187.65	1,153	615
1,187.70	1,184	674
1,187.75	1,216	734
1,187.80	1,248	795
1,187.85	1,279	859
1,187.90	1,311	923
1,187.95	1,343	990
1,188.00	1,374	1,058
1,188.05	1,406	1,127
1,188.10	1,438	1,198
1,188.15	1,469	1,271
1,188.20	1,501	1,345
1,188.25	1,533	1,421
1,188.30	1,564	1,498
1,188.35	1,596	1,577
1,188.40	1,627	1,658
1,188.45	1,659	1,740
1,188.50	1,691	1,824
1,188.55	1,722	1,909
1,188.60	1,754	1,996
1,188.65	1,786	2,085
1,188.70	1,817	2,175
1,188.75	1,849	2,266
1,188.80	1,881	2,360
1,188.85	1,912	2,454
1,188.90	1,944	2,551
1,188.95	1,976	2,649
1,189.00	2,007	2,748
1,189.05	2,039	2,850
1,189.10	2,071	2,952
1,189.15	2,102	3,057
1,189.20	2,134	3,163
1,189.25	2,166	3,270
1,189.30	2,197	3,379
1,189.35	2,229	3,490
1,189.40	2,261	3,602
1,189.45	2,292	3,716
1,189.50	2,324	3,831
1,189.55	2,356	3,948
1,189.60	2,387	4,067
1,189.65	2,419	4,187
1,189.70	2,451	4,309
1,189.75	2,482	4,432
1,189.80	2,514	4,557
1,189.85	2,546	4,683
1,189.90	2,577	4,812
1,189.95	2,609	4,941
1,190.00	2,641	5,072
1,190.05	2,672	5,205
1,190.10	2,704	5,340
1,190.15	2,736	5,476
1,190.20	2,767	5,613
1,190.25	2,799	5,752
1,190.30	2,831	5,893
1,190.35	2,862	6,035
1,190.40	2,894	6,179
1,190.45	2,926	6,325
1,190.50	2,957	6,472
1,190.55	2,989	6,621
1,190.60	3,021	6,771
1,190.65	3,052	6,923
1,190.70	3,084	7,076
1,190.75	3,116	7,231
1,190.80	3,147	7,388
1,190.85	3,179	7,546
1,190.90	3,210	7,705
1,190.95	3,242	7,867
1,191.00	3,274	8,030
1,191.05	3,305	8,194
1,191.10	3,337	8,360
1,191.15	3,369	8,528
1,191.20	3,400	8,697
1,191.25	3,432	8,868
1,191.30	3,464	9,040
1,191.35	3,495	9,214
1,191.40	3,527	9,390
1,191.45	3,559	9,567
1,191.50	3,590	9,746
1,191.55	3,622	9,926
1,191.60	3,654	10,108
1,191.65	3,685	10,291
1,191.70	3,717	10,476
1,191.75	3,749	10,663
1,191.80	3,780	10,851
1,191.85	3,812	11,041
1,191.90	3,844	11,232
1,191.95	3,875	11,425
1,192.00	**3,907**	**11,620**

Summary for Pond P3E: Pond 3E

Inflow Area = 2.780 ac, 19.06% Impervious, Inflow Depth = 1.82" for 10 YR event
Inflow = 7.93 cfs @ 12.14 hrs, Volume= 0.422 af
Outflow = 1.23 cfs @ 12.58 hrs, Volume= 0.422 af, Atten= 84%, Lag= 26.6 min
Primary = 0.89 cfs @ 12.58 hrs, Volume= 0.130 af
Routed to Link 4L : Post - North
Secondary = 0.34 cfs @ 12.58 hrs, Volume= 0.291 af
Tertiary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,218.29' @ 12.58 hrs Surf.Area= 4,091 sf Storage= 7,552 cf

Plug-Flow detention time= 137.2 min calculated for 0.422 af (100% of inflow)
Center-of-Mass det. time= 137.2 min (966.0 - 828.8)

Volume	Invert	Avail.Storage	Storage Description
#1	1,216.00'	15,578 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

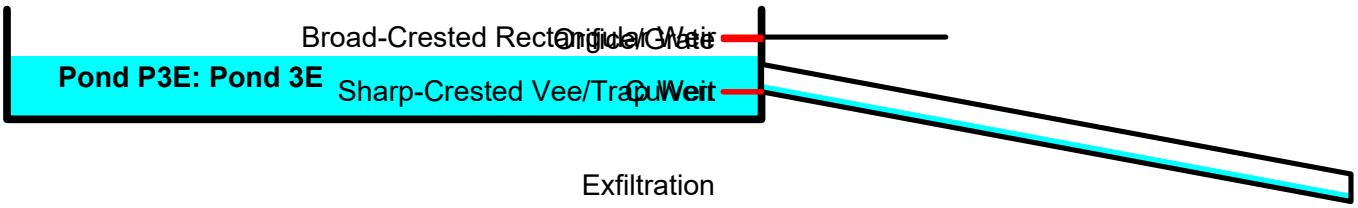
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,216.00	2,517	0	0
1,220.00	5,272	15,578	15,578

Device	Routing	Invert	Outlet Devices
#1	Primary	1,217.00'	**12.0" Round Culvert** L= 32.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,217.00' / 1,213.00' S= 0.1250 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,217.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,218.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600
#4	Secondary	1,216.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,219.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

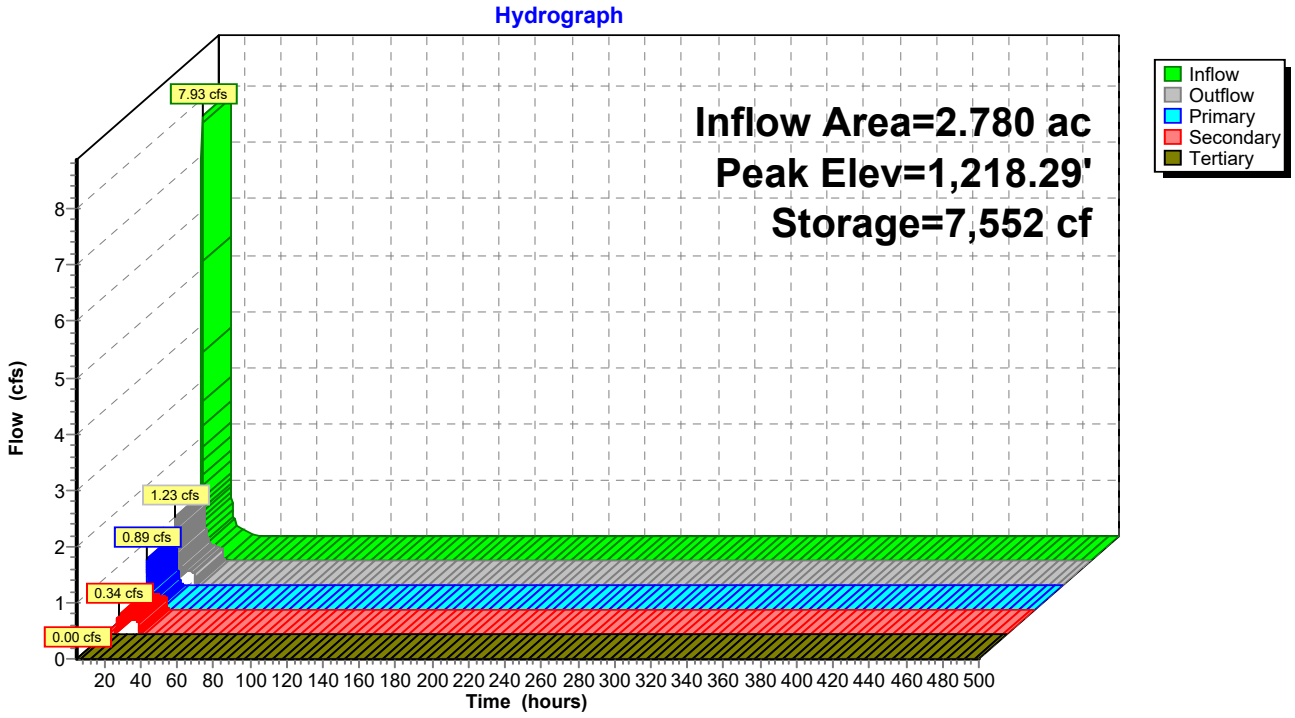
Primary OutFlow Max=0.89 cfs @ 12.58 hrs HW=1,218.28' (Free Discharge)
└**1=Culvert** (Passes 0.89 cfs of 3.35 cfs potential flow)
  ├**2=Sharp-Crested Vee/Trap Weir** (Weir Controls 0.89 cfs @ 3.05 fps)
  └**3=Orifice/Grate** (Controls 0.00 cfs)

Secondary OutFlow Max=0.34 cfs @ 12.58 hrs HW=1,218.28' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.34 cfs)

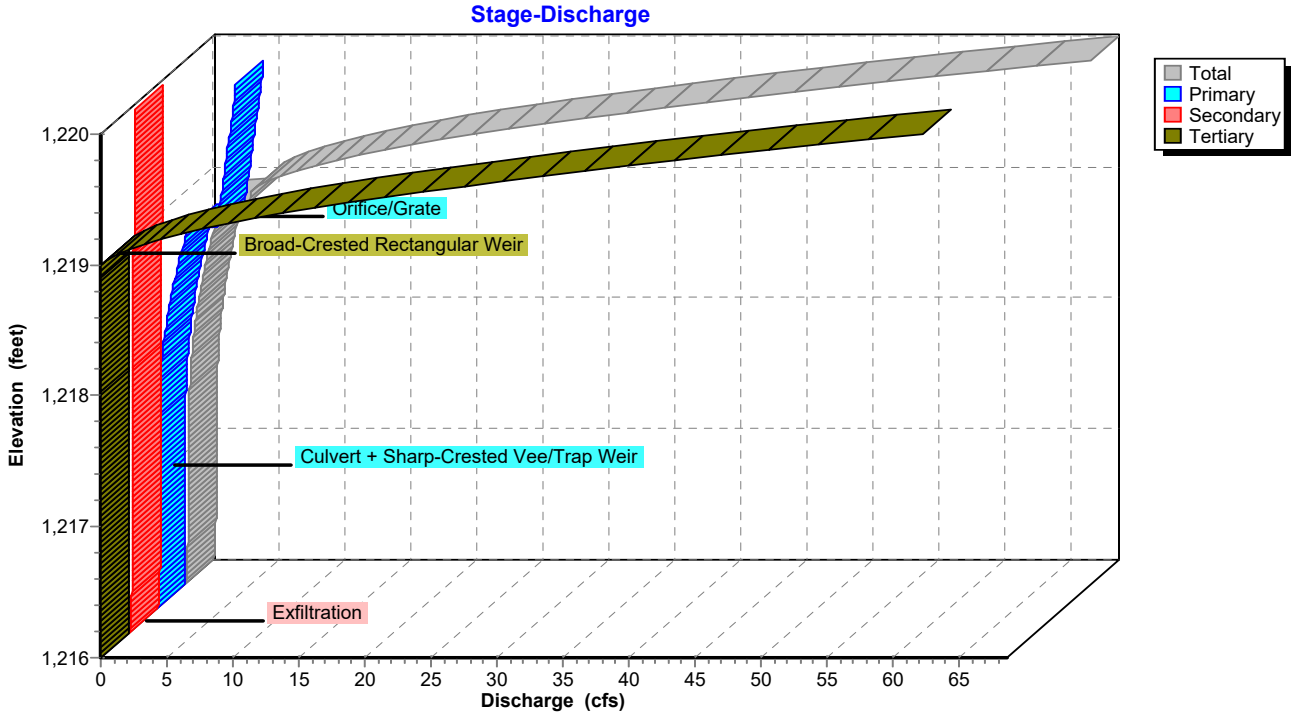
Tertiary OutFlow Max=0.00 cfs @ 5.00 hrs HW=1,216.00' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)



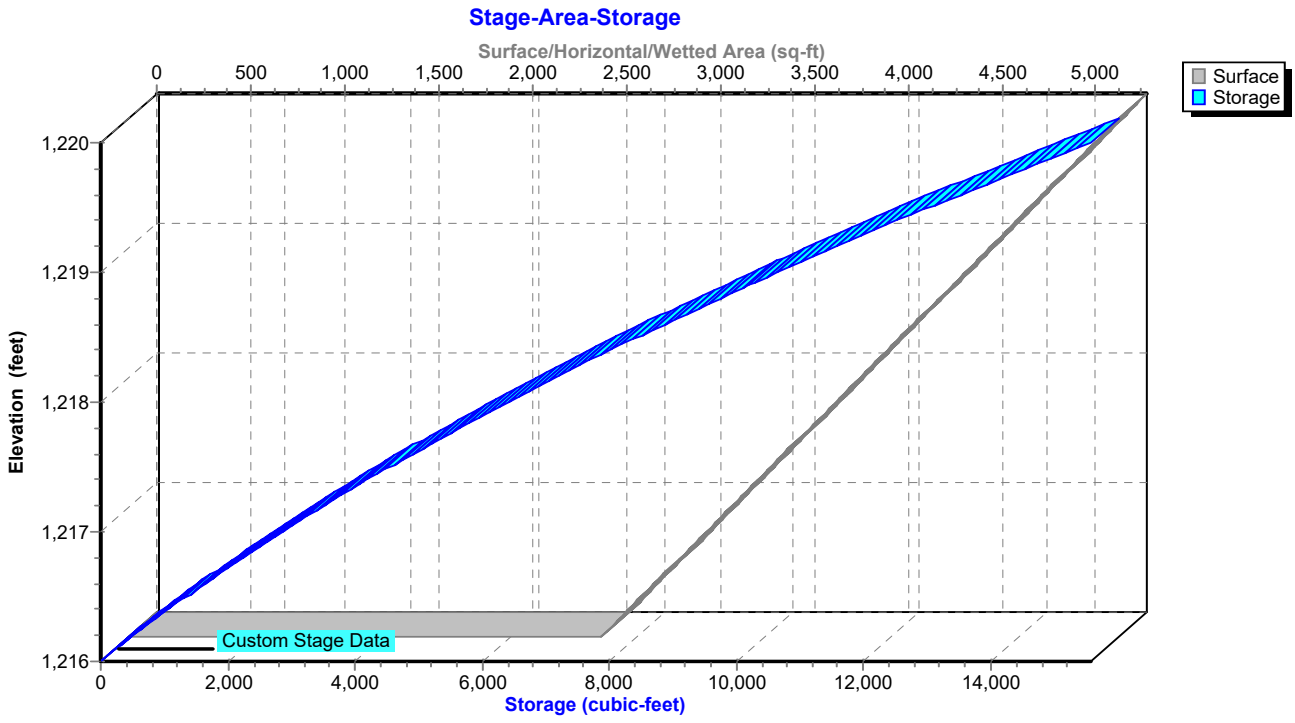
Pond P3E: Pond 3E



Pond P3E: Pond 3E



Pond P3E: Pond 3E



Hydrograph for Pond P3E: Pond 3E

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,216.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**0.30**	**5,124**	**1,217.66**	**0.47**	**0.17**	**0.30**	0.00
25.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
35.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P3E: Pond 3E

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,216.00	0.00	0.00	0.00	0.00
1,216.10	0.22	0.00	0.22	0.00
1,216.20	0.22	0.00	0.22	0.00
1,216.30	0.23	0.00	0.23	0.00
1,216.40	0.23	0.00	0.23	0.00
1,216.50	0.24	0.00	0.24	0.00
1,216.60	0.24	0.00	0.24	0.00
1,216.70	0.25	0.00	0.25	0.00
1,216.80	0.26	0.00	0.26	0.00
1,216.90	0.26	0.00	0.26	0.00
1,217.00	0.27	0.00	0.27	0.00
1,217.10	0.27	0.00	0.27	0.00
1,217.20	0.29	0.01	0.28	0.00
1,217.30	0.31	0.02	0.28	0.00
1,217.40	0.34	0.05	0.29	0.00
1,217.50	0.38	0.08	0.30	0.00
1,217.60	0.43	0.13	0.30	0.00
1,217.70	0.50	0.19	0.31	0.00
1,217.80	0.58	0.27	0.31	0.00
1,217.90	0.68	0.36	0.32	0.00
1,218.00	0.80	0.47	0.32	0.00
1,218.10	0.93	0.60	0.33	0.00
1,218.20	1.08	0.75	0.34	0.00
1,218.30	1.26	0.91	0.34	0.00
1,218.40	1.45	1.10	0.35	0.00
1,218.50	1.66	1.31	0.35	0.00
1,218.60	1.89	1.54	0.36	0.00
1,218.70	2.15	1.79	0.36	0.00
1,218.80	2.43	2.06	0.37	0.00
1,218.90	2.74	2.36	0.38	0.00
1,219.00	5.01	4.63	0.38	0.00
1,219.10	6.77	4.78	0.39	1.60
1,219.20	9.92	4.93	0.39	4.60
1,219.30	14.17	5.07	0.40	8.70
1,219.40	19.40	5.21	0.40	13.78
1,219.50	25.84	5.35	0.41	20.08
1,219.60	33.40	5.48	0.42	27.51
1,219.70	41.13	5.61	0.42	35.10
1,219.80	49.59	5.74	0.43	43.42
1,219.90	58.74	5.86	0.43	52.45
1,220.00	**68.59**	**5.98**	**0.44**	**62.18**

Stage-Area-Storage for Pond P3E: Pond 3E

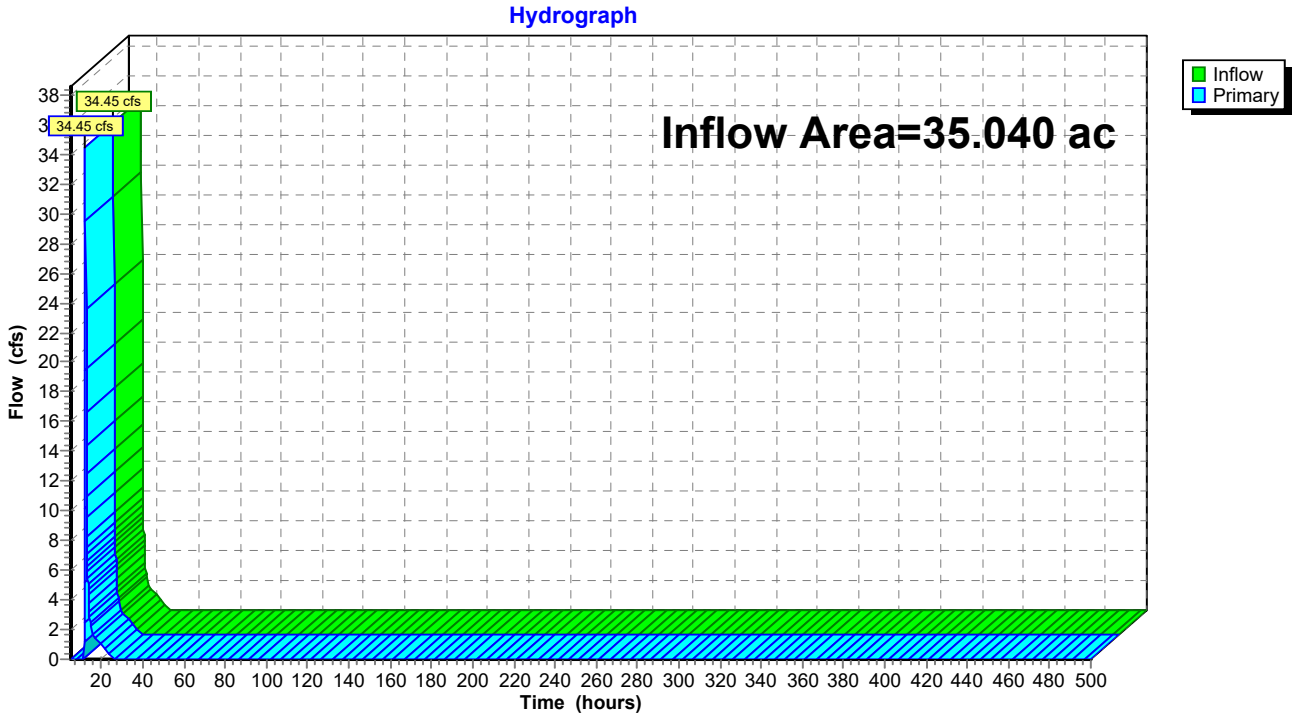
Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,216.00	2,517	0
1,216.05	2,551	127
1,216.10	2,586	255
1,216.15	2,620	385
1,216.20	2,655	517
1,216.25	2,689	651
1,216.30	2,724	786
1,216.35	2,758	923
1,216.40	2,793	1,062
1,216.45	2,827	1,202
1,216.50	2,861	1,345
1,216.55	2,896	1,489
1,216.60	2,930	1,634
1,216.65	2,965	1,782
1,216.70	2,999	1,931
1,216.75	3,034	2,081
1,216.80	3,068	2,234
1,216.85	3,102	2,388
1,216.90	3,137	2,544
1,216.95	3,171	2,702
1,217.00	3,206	2,861
1,217.05	3,240	3,023
1,217.10	3,275	3,185
1,217.15	3,309	3,350
1,217.20	3,344	3,516
1,217.25	3,378	3,684
1,217.30	3,412	3,854
1,217.35	3,447	4,026
1,217.40	3,481	4,199
1,217.45	3,516	4,374
1,217.50	3,550	4,550
1,217.55	3,585	4,729
1,217.60	3,619	4,909
1,217.65	3,653	5,091
1,217.70	3,688	5,274
1,217.75	3,722	5,459
1,217.80	3,757	5,646
1,217.85	3,791	5,835
1,217.90	3,826	6,025
1,217.95	3,860	6,218
1,218.00	3,895	6,412
1,218.05	3,929	6,607
1,218.10	3,963	6,804
1,218.15	3,998	7,003
1,218.20	4,032	7,204
1,218.25	4,067	7,407
1,218.30	4,101	7,611
1,218.35	4,136	7,817
1,218.40	4,170	8,024
1,218.45	4,204	8,234
1,218.50	4,239	8,445
1,218.55	4,273	8,658
1,218.60	4,308	8,872
1,218.65	4,342	9,088
1,218.70	4,377	9,306
1,218.75	4,411	9,526
1,218.80	4,445	9,747
1,218.85	4,480	9,971
1,218.90	4,514	10,195
1,218.95	4,549	10,422
1,219.00	4,583	10,650
1,219.05	4,618	10,880
1,219.10	4,652	11,112
1,219.15	4,687	11,346
1,219.20	4,721	11,581
1,219.25	4,755	11,818
1,219.30	4,790	12,056
1,219.35	4,824	12,297
1,219.40	4,859	12,539
1,219.45	4,893	12,783
1,219.50	4,928	13,028
1,219.55	4,962	13,275
1,219.60	4,996	13,524
1,219.65	5,031	13,775
1,219.70	5,065	14,027
1,219.75	5,100	14,282
1,219.80	5,134	14,537
1,219.85	5,169	14,795
1,219.90	5,203	15,054
1,219.95	5,238	15,315
1,220.00	**5,272**	**15,578**

Summary for Link 1L: Total Pre - Development

Inflow Area = 35.040 ac, 0.00% Impervious, Inflow Depth = 0.86" for 10 YR event
Inflow = 34.45 cfs @ 12.20 hrs, Volume= 2.507 af
Primary = 34.45 cfs @ 12.20 hrs, Volume= 2.507 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs

Link 1L: Total Pre - Development



Hydrograph for Link 1L: Total Pre - Development

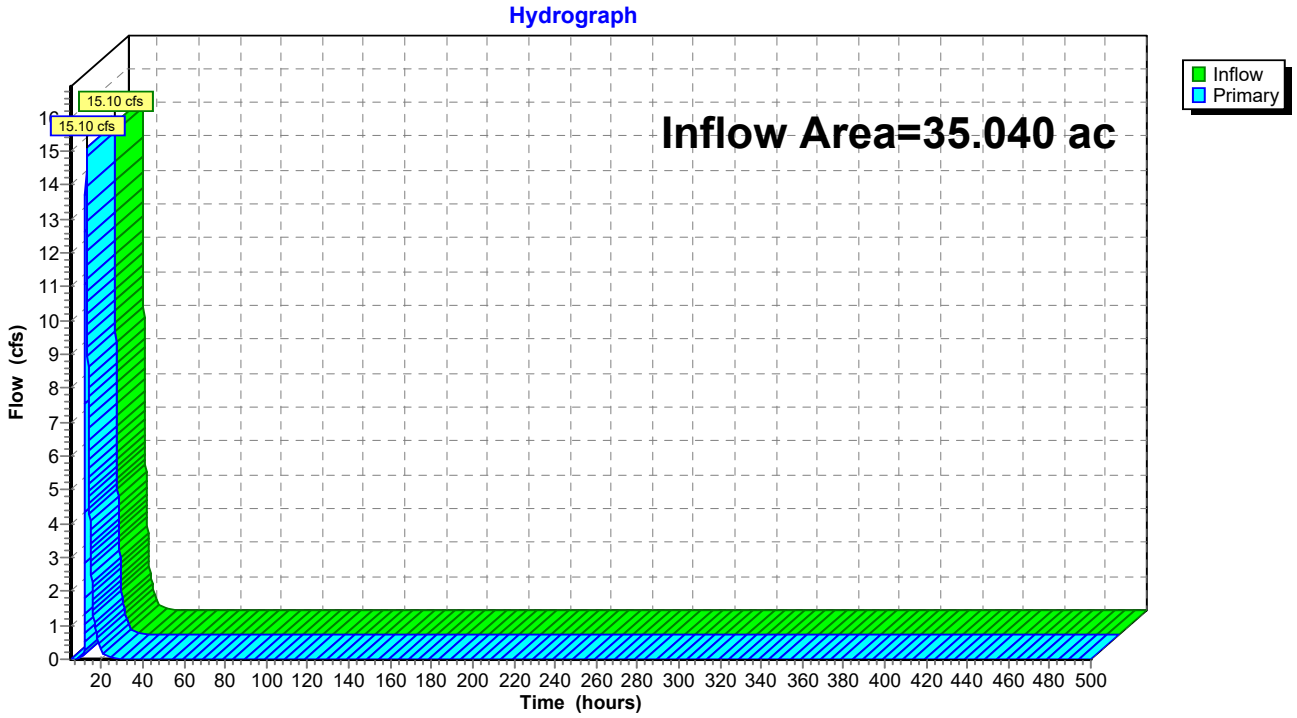
Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.00	0.00	**0.00**	0.00	260.00	0.00	0.00	0.00
10.00	**0.00**	0.00	**0.00**	265.00	0.00	0.00	0.00
15.00	**2.40**	0.00	**2.40**	270.00	0.00	0.00	0.00
20.00	0.94	0.00	0.94	275.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	280.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	285.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	290.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	295.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	300.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	305.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	310.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	315.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	320.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	325.00	0.00	0.00	0.00
75.00	0.00	0.00	0.00	330.00	0.00	0.00	0.00
80.00	0.00	0.00	0.00	335.00	0.00	0.00	0.00
85.00	0.00	0.00	0.00	340.00	0.00	0.00	0.00
90.00	0.00	0.00	0.00	345.00	0.00	0.00	0.00
95.00	0.00	0.00	0.00	350.00	0.00	0.00	0.00
100.00	0.00	0.00	0.00	355.00	0.00	0.00	0.00
105.00	0.00	0.00	0.00	360.00	0.00	0.00	0.00
110.00	0.00	0.00	0.00	365.00	0.00	0.00	0.00
115.00	0.00	0.00	0.00	370.00	0.00	0.00	0.00
120.00	0.00	0.00	0.00	375.00	0.00	0.00	0.00
125.00	0.00	0.00	0.00	380.00	0.00	0.00	0.00
130.00	0.00	0.00	0.00	385.00	0.00	0.00	0.00
135.00	0.00	0.00	0.00	390.00	0.00	0.00	0.00
140.00	0.00	0.00	0.00	395.00	0.00	0.00	0.00
145.00	0.00	0.00	0.00	400.00	0.00	0.00	0.00
150.00	0.00	0.00	0.00	405.00	0.00	0.00	0.00
155.00	0.00	0.00	0.00	410.00	0.00	0.00	0.00
160.00	0.00	0.00	0.00	415.00	0.00	0.00	0.00
165.00	0.00	0.00	0.00	420.00	0.00	0.00	0.00
170.00	0.00	0.00	0.00	425.00	0.00	0.00	0.00
175.00	0.00	0.00	0.00	430.00	0.00	0.00	0.00
180.00	0.00	0.00	0.00	435.00	0.00	0.00	0.00
185.00	0.00	0.00	0.00	440.00	0.00	0.00	0.00
190.00	0.00	0.00	0.00	445.00	0.00	0.00	0.00
195.00	0.00	0.00	0.00	450.00	0.00	0.00	0.00
200.00	0.00	0.00	0.00	455.00	0.00	0.00	0.00
205.00	0.00	0.00	0.00	460.00	0.00	0.00	0.00
210.00	0.00	0.00	0.00	465.00	0.00	0.00	0.00
215.00	0.00	0.00	0.00	470.00	0.00	0.00	0.00
220.00	0.00	0.00	0.00	475.00	0.00	0.00	0.00
225.00	0.00	0.00	0.00	480.00	0.00	0.00	0.00
230.00	0.00	0.00	0.00	485.00	0.00	0.00	0.00
235.00	0.00	0.00	0.00	490.00	0.00	0.00	0.00
240.00	0.00	0.00	0.00	495.00	0.00	0.00	0.00
245.00	0.00	0.00	0.00	500.00	0.00	0.00	0.00
250.00	0.00	0.00	0.00				
255.00	0.00	0.00	0.00				

Summary for Link 2L: Total Post - Development

Inflow Area = 35.040 ac, 19.66% Impervious, Inflow Depth = 0.81" for 10 YR event
Inflow = 15.10 cfs @ 12.42 hrs, Volume= 2.364 af
Primary = 15.10 cfs @ 12.42 hrs, Volume= 2.364 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs

Link 2L: Total Post - Development



Hydrograph for Link 2L: Total Post - Development

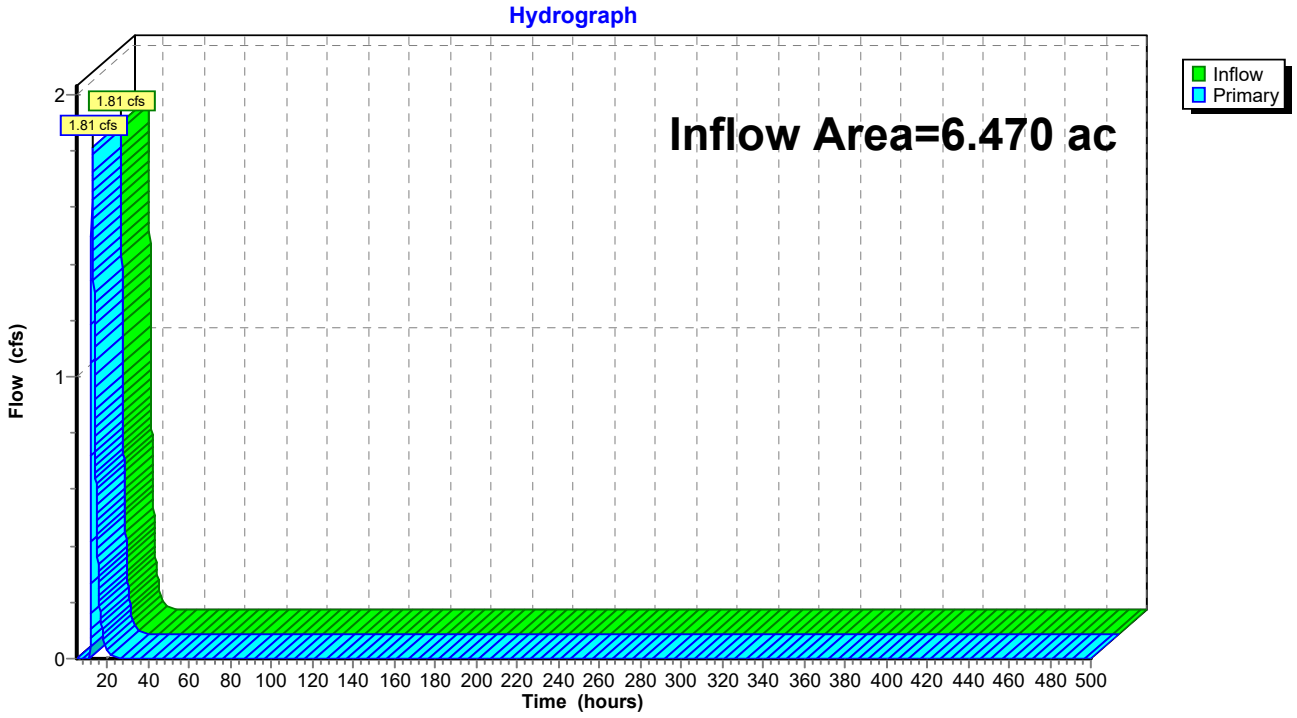
Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.00	0.00	**0.00**	0.00	260.00	0.00	0.00	0.00
10.00	**0.03**	0.00	**0.03**	265.00	0.00	0.00	0.00
15.00	**2.72**	0.00	**2.72**	270.00	0.00	0.00	0.00
20.00	0.22	0.00	0.22	275.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	280.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	285.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	290.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	295.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	300.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	305.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	310.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	315.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	320.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	325.00	0.00	0.00	0.00
75.00	0.00	0.00	0.00	330.00	0.00	0.00	0.00
80.00	0.00	0.00	0.00	335.00	0.00	0.00	0.00
85.00	0.00	0.00	0.00	340.00	0.00	0.00	0.00
90.00	0.00	0.00	0.00	345.00	0.00	0.00	0.00
95.00	0.00	0.00	0.00	350.00	0.00	0.00	0.00
100.00	0.00	0.00	0.00	355.00	0.00	0.00	0.00
105.00	0.00	0.00	0.00	360.00	0.00	0.00	0.00
110.00	0.00	0.00	0.00	365.00	0.00	0.00	0.00
115.00	0.00	0.00	0.00	370.00	0.00	0.00	0.00
120.00	0.00	0.00	0.00	375.00	0.00	0.00	0.00
125.00	0.00	0.00	0.00	380.00	0.00	0.00	0.00
130.00	0.00	0.00	0.00	385.00	0.00	0.00	0.00
135.00	0.00	0.00	0.00	390.00	0.00	0.00	0.00
140.00	0.00	0.00	0.00	395.00	0.00	0.00	0.00
145.00	0.00	0.00	0.00	400.00	0.00	0.00	0.00
150.00	0.00	0.00	0.00	405.00	0.00	0.00	0.00
155.00	0.00	0.00	0.00	410.00	0.00	0.00	0.00
160.00	0.00	0.00	0.00	415.00	0.00	0.00	0.00
165.00	0.00	0.00	0.00	420.00	0.00	0.00	0.00
170.00	0.00	0.00	0.00	425.00	0.00	0.00	0.00
175.00	0.00	0.00	0.00	430.00	0.00	0.00	0.00
180.00	0.00	0.00	0.00	435.00	0.00	0.00	0.00
185.00	0.00	0.00	0.00	440.00	0.00	0.00	0.00
190.00	0.00	0.00	0.00	445.00	0.00	0.00	0.00
195.00	0.00	0.00	0.00	450.00	0.00	0.00	0.00
200.00	0.00	0.00	0.00	455.00	0.00	0.00	0.00
205.00	0.00	0.00	0.00	460.00	0.00	0.00	0.00
210.00	0.00	0.00	0.00	465.00	0.00	0.00	0.00
215.00	0.00	0.00	0.00	470.00	0.00	0.00	0.00
220.00	0.00	0.00	0.00	475.00	0.00	0.00	0.00
225.00	0.00	0.00	0.00	480.00	0.00	0.00	0.00
230.00	0.00	0.00	0.00	485.00	0.00	0.00	0.00
235.00	0.00	0.00	0.00	490.00	0.00	0.00	0.00
240.00	0.00	0.00	0.00	495.00	0.00	0.00	0.00
245.00	0.00	0.00	0.00	500.00	0.00	0.00	0.00
250.00	0.00	0.00	0.00				
255.00	0.00	0.00	0.00				

Summary for Link 3L: Post - South

Inflow Area = 6.470 ac, 18.70% Impervious, Inflow Depth = 0.59" for 10 YR event
Inflow = 1.81 cfs @ 12.54 hrs, Volume= 0.320 af
Primary = 1.81 cfs @ 12.54 hrs, Volume= 0.320 af, Atten= 0%, Lag= 0.0 min
Routed to Link 2L : Total Post - Development

Primary outflow = Inflow, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs

Link 3L: Post - South



Hydrograph for Link 3L: Post - South

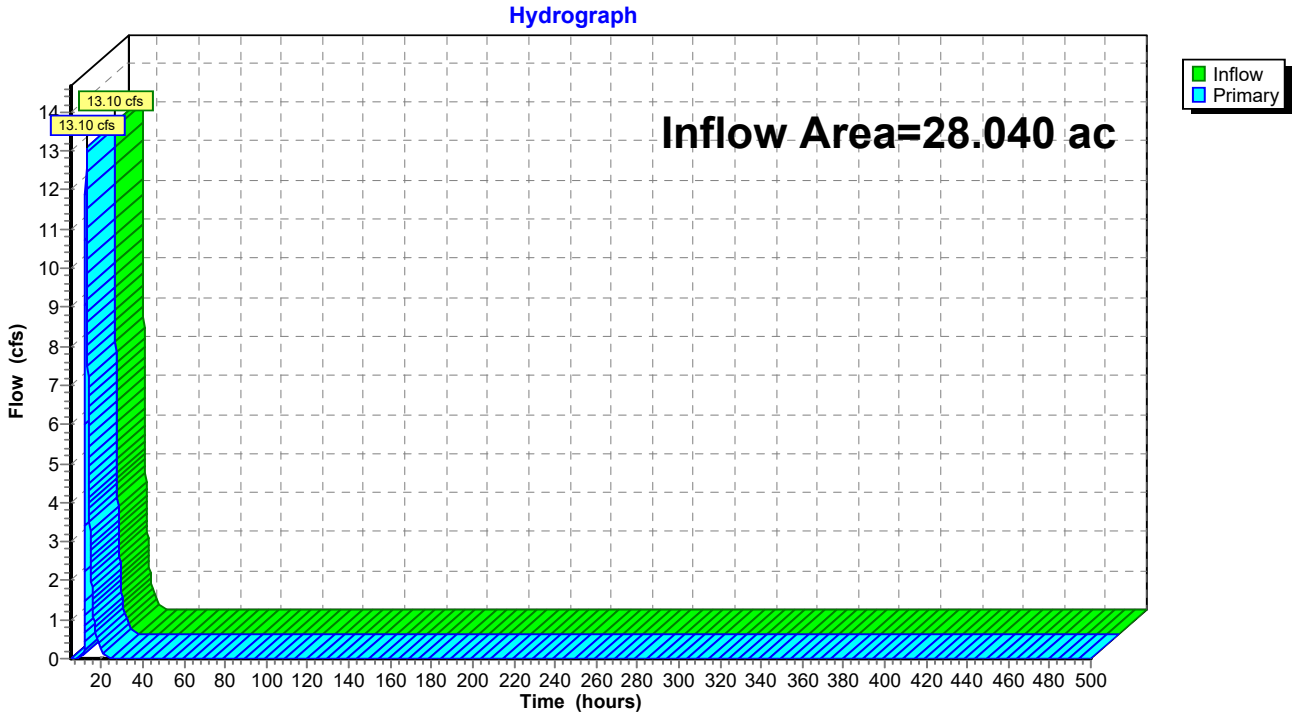
Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.00	0.00	**0.00**	0.00	260.00	0.00	0.00	0.00
10.00	**0.00**	0.00	**0.00**	265.00	0.00	0.00	0.00
15.00	**0.43**	0.00	**0.43**	270.00	0.00	0.00	0.00
20.00	0.02	0.00	0.02	275.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	280.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	285.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	290.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	295.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	300.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	305.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	310.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	315.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	320.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	325.00	0.00	0.00	0.00
75.00	0.00	0.00	0.00	330.00	0.00	0.00	0.00
80.00	0.00	0.00	0.00	335.00	0.00	0.00	0.00
85.00	0.00	0.00	0.00	340.00	0.00	0.00	0.00
90.00	0.00	0.00	0.00	345.00	0.00	0.00	0.00
95.00	0.00	0.00	0.00	350.00	0.00	0.00	0.00
100.00	0.00	0.00	0.00	355.00	0.00	0.00	0.00
105.00	0.00	0.00	0.00	360.00	0.00	0.00	0.00
110.00	0.00	0.00	0.00	365.00	0.00	0.00	0.00
115.00	0.00	0.00	0.00	370.00	0.00	0.00	0.00
120.00	0.00	0.00	0.00	375.00	0.00	0.00	0.00
125.00	0.00	0.00	0.00	380.00	0.00	0.00	0.00
130.00	0.00	0.00	0.00	385.00	0.00	0.00	0.00
135.00	0.00	0.00	0.00	390.00	0.00	0.00	0.00
140.00	0.00	0.00	0.00	395.00	0.00	0.00	0.00
145.00	0.00	0.00	0.00	400.00	0.00	0.00	0.00
150.00	0.00	0.00	0.00	405.00	0.00	0.00	0.00
155.00	0.00	0.00	0.00	410.00	0.00	0.00	0.00
160.00	0.00	0.00	0.00	415.00	0.00	0.00	0.00
165.00	0.00	0.00	0.00	420.00	0.00	0.00	0.00
170.00	0.00	0.00	0.00	425.00	0.00	0.00	0.00
175.00	0.00	0.00	0.00	430.00	0.00	0.00	0.00
180.00	0.00	0.00	0.00	435.00	0.00	0.00	0.00
185.00	0.00	0.00	0.00	440.00	0.00	0.00	0.00
190.00	0.00	0.00	0.00	445.00	0.00	0.00	0.00
195.00	0.00	0.00	0.00	450.00	0.00	0.00	0.00
200.00	0.00	0.00	0.00	455.00	0.00	0.00	0.00
205.00	0.00	0.00	0.00	460.00	0.00	0.00	0.00
210.00	0.00	0.00	0.00	465.00	0.00	0.00	0.00
215.00	0.00	0.00	0.00	470.00	0.00	0.00	0.00
220.00	0.00	0.00	0.00	475.00	0.00	0.00	0.00
225.00	0.00	0.00	0.00	480.00	0.00	0.00	0.00
230.00	0.00	0.00	0.00	485.00	0.00	0.00	0.00
235.00	0.00	0.00	0.00	490.00	0.00	0.00	0.00
240.00	0.00	0.00	0.00	495.00	0.00	0.00	0.00
245.00	0.00	0.00	0.00	500.00	0.00	0.00	0.00
250.00	0.00	0.00	0.00				
255.00	0.00	0.00	0.00				

Summary for Link 4L: Post - North

Inflow Area = 28.040 ac, 20.04% Impervious, Inflow Depth = 0.85" for 10 YR event
Inflow = 13.10 cfs @ 12.41 hrs, Volume= 1.991 af
Primary = 13.10 cfs @ 12.41 hrs, Volume= 1.991 af, Atten= 0%, Lag= 0.0 min
Routed to Link 2L : Total Post - Development

Primary outflow = Inflow, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs

Link 4L: Post - North



Hydrograph for Link 4L: Post - North

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.00	0.00	**0.00**	0.00	260.00	0.00	0.00	0.00
10.00	**0.03**	0.00	**0.03**	265.00	0.00	0.00	0.00
15.00	**2.25**	0.00	**2.25**	270.00	0.00	0.00	0.00
20.00	0.19	0.00	0.19	275.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	280.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	285.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	290.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	295.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	300.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	305.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	310.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	315.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	320.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	325.00	0.00	0.00	0.00
75.00	0.00	0.00	0.00	330.00	0.00	0.00	0.00
80.00	0.00	0.00	0.00	335.00	0.00	0.00	0.00
85.00	0.00	0.00	0.00	340.00	0.00	0.00	0.00
90.00	0.00	0.00	0.00	345.00	0.00	0.00	0.00
95.00	0.00	0.00	0.00	350.00	0.00	0.00	0.00
100.00	0.00	0.00	0.00	355.00	0.00	0.00	0.00
105.00	0.00	0.00	0.00	360.00	0.00	0.00	0.00
110.00	0.00	0.00	0.00	365.00	0.00	0.00	0.00
115.00	0.00	0.00	0.00	370.00	0.00	0.00	0.00
120.00	0.00	0.00	0.00	375.00	0.00	0.00	0.00
125.00	0.00	0.00	0.00	380.00	0.00	0.00	0.00
130.00	0.00	0.00	0.00	385.00	0.00	0.00	0.00
135.00	0.00	0.00	0.00	390.00	0.00	0.00	0.00
140.00	0.00	0.00	0.00	395.00	0.00	0.00	0.00
145.00	0.00	0.00	0.00	400.00	0.00	0.00	0.00
150.00	0.00	0.00	0.00	405.00	0.00	0.00	0.00
155.00	0.00	0.00	0.00	410.00	0.00	0.00	0.00
160.00	0.00	0.00	0.00	415.00	0.00	0.00	0.00
165.00	0.00	0.00	0.00	420.00	0.00	0.00	0.00
170.00	0.00	0.00	0.00	425.00	0.00	0.00	0.00
175.00	0.00	0.00	0.00	430.00	0.00	0.00	0.00
180.00	0.00	0.00	0.00	435.00	0.00	0.00	0.00
185.00	0.00	0.00	0.00	440.00	0.00	0.00	0.00
190.00	0.00	0.00	0.00	445.00	0.00	0.00	0.00
195.00	0.00	0.00	0.00	450.00	0.00	0.00	0.00
200.00	0.00	0.00	0.00	455.00	0.00	0.00	0.00
205.00	0.00	0.00	0.00	460.00	0.00	0.00	0.00
210.00	0.00	0.00	0.00	465.00	0.00	0.00	0.00
215.00	0.00	0.00	0.00	470.00	0.00	0.00	0.00
220.00	0.00	0.00	0.00	475.00	0.00	0.00	0.00
225.00	0.00	0.00	0.00	480.00	0.00	0.00	0.00
230.00	0.00	0.00	0.00	485.00	0.00	0.00	0.00
235.00	0.00	0.00	0.00	490.00	0.00	0.00	0.00
240.00	0.00	0.00	0.00	495.00	0.00	0.00	0.00
245.00	0.00	0.00	0.00	500.00	0.00	0.00	0.00
250.00	0.00	0.00	0.00				
255.00	0.00	0.00	0.00				

Time span=5.00-500.00 hrs, dt=0.05 hrs, 9901 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment1: Pre - South Runoff Area=4.910 ac 0.00% Impervious Runoff Depth=0.93"
Tc=10.0 min CN=55 Runoff=5.15 cfs 0.381 af

Subcatchment1A: Post 1A Runoff Area=6.030 ac 19.24% Impervious Runoff Depth=1.81"
Tc=6.0 min CN=68 Runoff=16.99 cfs 0.909 af

Subcatchment1B: Post 1B - Offsite Runoff Area=0.440 ac 11.36% Impervious Runoff Depth=1.59"
Tc=6.0 min CN=65 Runoff=1.08 cfs 0.058 af

Subcatchment2: Pre - West Runoff Area=2.540 ac 0.00% Impervious Runoff Depth=0.93"
Tc=6.0 min CN=55 Runoff=3.24 cfs 0.197 af

Subcatchment2A: Post 2A - Offsite Runoff Area=0.530 ac 11.32% Impervious Runoff Depth=1.59"
Tc=6.0 min CN=65 Runoff=1.30 cfs 0.070 af

Subcatchment3: Pre - North Runoff Area=27.590 ac 0.00% Impervious Runoff Depth=1.24"
Tc=10.0 min CN=60 Runoff=42.44 cfs 2.858 af

Subcatchment3A: Post 3A Runoff Area=10.600 ac 18.58% Impervious Runoff Depth=1.96"
Tc=6.0 min CN=70 Runoff=32.55 cfs 1.734 af

Subcatchment3B: Post 3B Runoff Area=8.450 ac 19.88% Impervious Runoff Depth=2.04"
Tc=6.0 min CN=71 Runoff=27.03 cfs 1.437 af

Subcatchment3C: Post 3C Runoff Area=2.490 ac 22.89% Impervious Runoff Depth=2.37"
Tc=6.0 min CN=75 Runoff=9.25 cfs 0.491 af

Subcatchment3D: Post 3D Runoff Area=2.380 ac 23.95% Impervious Runoff Depth=2.45"
Tc=6.0 min CN=76 Runoff=9.15 cfs 0.487 af

Subcatchment3E: Post 3E Runoff Area=2.780 ac 19.06% Impervious Runoff Depth=2.28"
Tc=6.0 min CN=74 Runoff=9.96 cfs 0.529 af

Subcatchment3Y: Post 3Y - Offsite Runoff Area=0.820 ac 36.59% Impervious Runoff Depth=3.08"
Tc=6.0 min CN=83 Runoff=3.89 cfs 0.211 af

Subcatchment3Z: Post 3Z - Offsite Runoff Area=0.520 ac 0.00% Impervious Runoff Depth=2.28"
Tc=6.0 min CN=74 Runoff=1.86 cfs 0.099 af

Subcatchment5S: Culvert 1 Runoff Area=4,797 sf 48.61% Impervious Runoff Depth=2.72"
Tc=6.0 min CN=79 Runoff=0.47 cfs 0.025 af

Subcatchment6S: Culvert 2 Runoff Area=24,708 sf 36.87% Impervious Runoff Depth=2.37"
Tc=6.0 min CN=75 Runoff=2.11 cfs 0.112 af

Subcatchment7S: Culvert 3 Runoff Area=41,517 sf 32.00% Impervious Runoff Depth=2.20"
Tc=6.0 min CN=73 Runoff=3.29 cfs 0.175 af

Subcatchment8S: Culvert 4 Runoff Area=209,603 sf 25.18% Impervious Runoff Depth=1.96"
Tc=6.0 min CN=70 Runoff=14.78 cfs 0.787 af

Subcatchment9S: Culvert 5 Runoff Area=188,836 sf 19.96% Impervious Runoff Depth=1.81"
Tc=6.0 min CN=68 Runoff=12.22 cfs 0.653 af

Pond P1A: Pond 1A Peak Elev=1,242.10' Storage=14,669 cf Inflow=16.99 cfs 0.909 af
Primary=3.02 cfs 0.440 af Secondary=0.58 cfs 0.469 af Tertiary=0.00 cfs 0.000 af Outflow=3.60 cfs 0.909 af

Pond P3A: Pond 3A Peak Elev=1,195.98' Storage=28,352 cf Inflow=32.55 cfs 1.734 af
Primary=5.95 cfs 0.991 af Secondary=0.84 cfs 0.743 af Tertiary=0.00 cfs 0.000 af Outflow=6.79 cfs 1.734 af

Pond P3B: Pond 3B Peak Elev=1,198.86' Storage=22,719 cf Inflow=27.03 cfs 1.437 af
Primary=5.81 cfs 0.841 af Secondary=0.75 cfs 0.596 af Tertiary=0.00 cfs 0.000 af Outflow=6.56 cfs 1.437 af

Pond P3C: Pond 3C Peak Elev=1,180.67' Storage=8,327 cf Inflow=9.25 cfs 0.491 af
Primary=1.72 cfs 0.206 af Secondary=0.36 cfs 0.286 af Tertiary=0.00 cfs 0.000 af Outflow=2.08 cfs 0.491 af

Pond P3D: Pond 3D Peak Elev=1,190.42' Storage=6,232 cf Inflow=9.15 cfs 0.487 af
Primary=4.31 cfs 0.312 af Secondary=0.24 cfs 0.174 af Tertiary=0.00 cfs 0.000 af Outflow=4.56 cfs 0.487 af

Pond P3E: Pond 3E Peak Elev=1,218.66' Storage=9,113 cf Inflow=9.96 cfs 0.529 af
Primary=1.67 cfs 0.212 af Secondary=0.36 cfs 0.318 af Tertiary=0.00 cfs 0.000 af Outflow=2.04 cfs 0.529 af

Link 1L: Total Pre - Development Inflow=50.10 cfs 3.436 af
Primary=50.10 cfs 3.436 af

Link 2L: Total Post - Development Inflow=24.04 cfs 3.439 af
Primary=24.04 cfs 3.439 af

Link 3L: Post - South Inflow=3.27 cfs 0.498 af
Primary=3.27 cfs 0.498 af

Link 4L: Post - North Inflow=20.79 cfs 2.871 af
Primary=20.79 cfs 2.871 af

Total Runoff Area = 80.857 ac Runoff Volume = 11.213 af Average Runoff Depth = 1.66"
88.21% Pervious = 71.323 ac 11.79% Impervious = 9.534 ac

Summary for Subcatchment 1: Pre - South

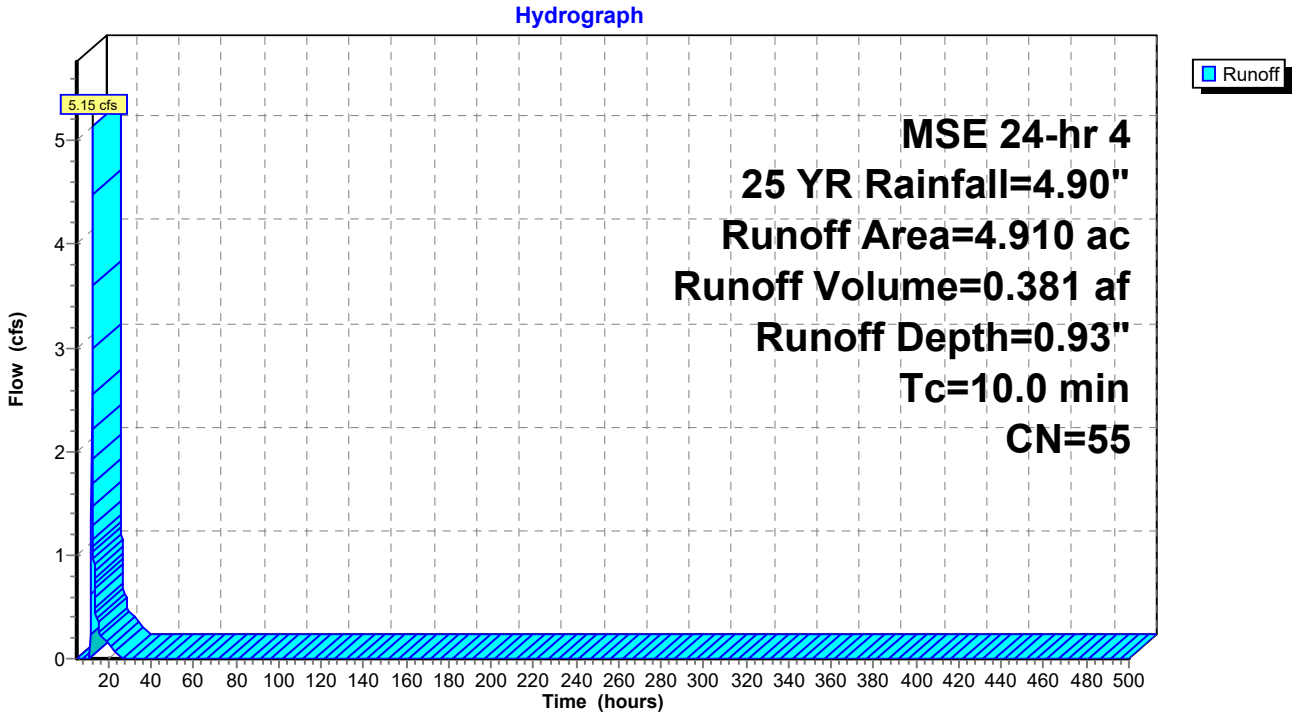
Runoff = 5.15 cfs @ 12.20 hrs, Volume= 0.381 af, Depth= 0.93"
Routed to Link 1L : Total Pre - Development

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 25 YR Rainfall=4.90"

	Area (ac)	CN	Description
*	4.910	55	Pre Dev - B Soils
	4.910		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					**Direct Entry,**

Subcatchment 1: Pre - South



Hydrograph for Subcatchment 1: Pre - South

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.22	0.00	0.00	260.00	4.90	0.93	0.00
10.00	0.78	0.00	**0.00**	265.00	4.90	0.93	0.00
15.00	4.31	0.66	**0.37**	270.00	4.90	0.93	0.00
20.00	**4.74**	**0.85**	0.15	275.00	4.90	0.93	0.00
25.00	**4.90**	**0.93**	0.00	280.00	4.90	0.93	0.00
30.00	4.90	0.93	0.00	285.00	4.90	0.93	0.00
35.00	4.90	0.93	0.00	290.00	4.90	0.93	0.00
40.00	4.90	0.93	0.00	295.00	4.90	0.93	0.00
45.00	4.90	0.93	0.00	300.00	4.90	0.93	0.00
50.00	4.90	0.93	0.00	305.00	4.90	0.93	0.00
55.00	4.90	0.93	0.00	310.00	4.90	0.93	0.00
60.00	4.90	0.93	0.00	315.00	4.90	0.93	0.00
65.00	4.90	0.93	0.00	320.00	4.90	0.93	0.00
70.00	4.90	0.93	0.00	325.00	4.90	0.93	0.00
75.00	4.90	0.93	0.00	330.00	4.90	0.93	0.00
80.00	4.90	0.93	0.00	335.00	4.90	0.93	0.00
85.00	4.90	0.93	0.00	340.00	4.90	0.93	0.00
90.00	4.90	0.93	0.00	345.00	4.90	0.93	0.00
95.00	4.90	0.93	0.00	350.00	4.90	0.93	0.00
100.00	4.90	0.93	0.00	355.00	4.90	0.93	0.00
105.00	4.90	0.93	0.00	360.00	4.90	0.93	0.00
110.00	4.90	0.93	0.00	365.00	4.90	0.93	0.00
115.00	4.90	0.93	0.00	370.00	4.90	0.93	0.00
120.00	4.90	0.93	0.00	375.00	4.90	0.93	0.00
125.00	4.90	0.93	0.00	380.00	4.90	0.93	0.00
130.00	4.90	0.93	0.00	385.00	4.90	0.93	0.00
135.00	4.90	0.93	0.00	390.00	4.90	0.93	0.00
140.00	4.90	0.93	0.00	395.00	4.90	0.93	0.00
145.00	4.90	0.93	0.00	400.00	4.90	0.93	0.00
150.00	4.90	0.93	0.00	405.00	4.90	0.93	0.00
155.00	4.90	0.93	0.00	410.00	4.90	0.93	0.00
160.00	4.90	0.93	0.00	415.00	4.90	0.93	0.00
165.00	4.90	0.93	0.00	420.00	4.90	0.93	0.00
170.00	4.90	0.93	0.00	425.00	4.90	0.93	0.00
175.00	4.90	0.93	0.00	430.00	4.90	0.93	0.00
180.00	4.90	0.93	0.00	435.00	4.90	0.93	0.00
185.00	4.90	0.93	0.00	440.00	4.90	0.93	0.00
190.00	4.90	0.93	0.00	445.00	4.90	0.93	0.00
195.00	4.90	0.93	0.00	450.00	4.90	0.93	0.00
200.00	4.90	0.93	0.00	455.00	4.90	0.93	0.00
205.00	4.90	0.93	0.00	460.00	4.90	0.93	0.00
210.00	4.90	0.93	0.00	465.00	4.90	0.93	0.00
215.00	4.90	0.93	0.00	470.00	4.90	0.93	0.00
220.00	4.90	0.93	0.00	475.00	4.90	0.93	0.00
225.00	4.90	0.93	0.00	480.00	4.90	0.93	0.00
230.00	4.90	0.93	0.00	485.00	4.90	0.93	0.00
235.00	4.90	0.93	0.00	490.00	4.90	0.93	0.00
240.00	4.90	0.93	0.00	495.00	4.90	0.93	0.00
245.00	4.90	0.93	0.00	500.00	4.90	0.93	0.00
250.00	4.90	0.93	0.00				
255.00	4.90	0.93	0.00				

Summary for Subcatchment 1A: Post 1A

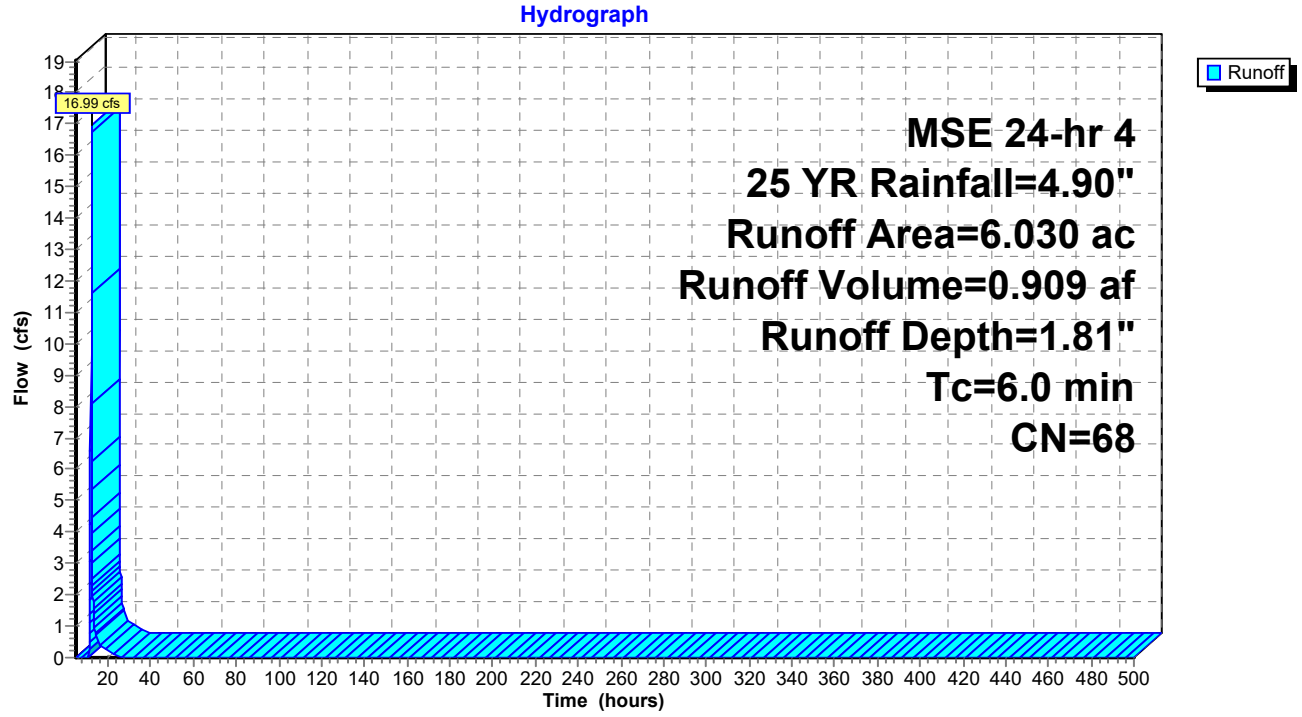
Runoff = 16.99 cfs @ 12.14 hrs, Volume= 0.909 af, Depth= 1.81"
Routed to Pond P1A : Pond 1A

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 25 YR Rainfall=4.90"

	Area (ac)	CN	Description
*	1.160	98	Impervious
*	4.870	61	Post - B Soils
*	0.000	74	Post - C Soils
	6.030	68	Weighted Average
	4.870		80.76% Pervious Area
	1.160		19.24% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 1A: Post 1A



Hydrograph for Subcatchment 1A: Post 1A

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.22	0.00	0.00	260.00	4.90	1.81	0.00
10.00	0.78	0.00	**0.00**	265.00	4.90	1.81	0.00
15.00	4.31	1.40	**0.69**	270.00	4.90	1.81	0.00
20.00	**4.74**	**1.70**	0.26	275.00	4.90	1.81	0.00
25.00	**4.90**	**1.81**	0.00	280.00	4.90	1.81	0.00
30.00	4.90	1.81	0.00	285.00	4.90	1.81	0.00
35.00	4.90	1.81	0.00	290.00	4.90	1.81	0.00
40.00	4.90	1.81	0.00	295.00	4.90	1.81	0.00
45.00	4.90	1.81	0.00	300.00	4.90	1.81	0.00
50.00	4.90	1.81	0.00	305.00	4.90	1.81	0.00
55.00	4.90	1.81	0.00	310.00	4.90	1.81	0.00
60.00	4.90	1.81	0.00	315.00	4.90	1.81	0.00
65.00	4.90	1.81	0.00	320.00	4.90	1.81	0.00
70.00	4.90	1.81	0.00	325.00	4.90	1.81	0.00
75.00	4.90	1.81	0.00	330.00	4.90	1.81	0.00
80.00	4.90	1.81	0.00	335.00	4.90	1.81	0.00
85.00	4.90	1.81	0.00	340.00	4.90	1.81	0.00
90.00	4.90	1.81	0.00	345.00	4.90	1.81	0.00
95.00	4.90	1.81	0.00	350.00	4.90	1.81	0.00
100.00	4.90	1.81	0.00	355.00	4.90	1.81	0.00
105.00	4.90	1.81	0.00	360.00	4.90	1.81	0.00
110.00	4.90	1.81	0.00	365.00	4.90	1.81	0.00
115.00	4.90	1.81	0.00	370.00	4.90	1.81	0.00
120.00	4.90	1.81	0.00	375.00	4.90	1.81	0.00
125.00	4.90	1.81	0.00	380.00	4.90	1.81	0.00
130.00	4.90	1.81	0.00	385.00	4.90	1.81	0.00
135.00	4.90	1.81	0.00	390.00	4.90	1.81	0.00
140.00	4.90	1.81	0.00	395.00	4.90	1.81	0.00
145.00	4.90	1.81	0.00	400.00	4.90	1.81	0.00
150.00	4.90	1.81	0.00	405.00	4.90	1.81	0.00
155.00	4.90	1.81	0.00	410.00	4.90	1.81	0.00
160.00	4.90	1.81	0.00	415.00	4.90	1.81	0.00
165.00	4.90	1.81	0.00	420.00	4.90	1.81	0.00
170.00	4.90	1.81	0.00	425.00	4.90	1.81	0.00
175.00	4.90	1.81	0.00	430.00	4.90	1.81	0.00
180.00	4.90	1.81	0.00	435.00	4.90	1.81	0.00
185.00	4.90	1.81	0.00	440.00	4.90	1.81	0.00
190.00	4.90	1.81	0.00	445.00	4.90	1.81	0.00
195.00	4.90	1.81	0.00	450.00	4.90	1.81	0.00
200.00	4.90	1.81	0.00	455.00	4.90	1.81	0.00
205.00	4.90	1.81	0.00	460.00	4.90	1.81	0.00
210.00	4.90	1.81	0.00	465.00	4.90	1.81	0.00
215.00	4.90	1.81	0.00	470.00	4.90	1.81	0.00
220.00	4.90	1.81	0.00	475.00	4.90	1.81	0.00
225.00	4.90	1.81	0.00	480.00	4.90	1.81	0.00
230.00	4.90	1.81	0.00	485.00	4.90	1.81	0.00
235.00	4.90	1.81	0.00	490.00	4.90	1.81	0.00
240.00	4.90	1.81	0.00	495.00	4.90	1.81	0.00
245.00	4.90	1.81	0.00	500.00	4.90	1.81	0.00
250.00	4.90	1.81	0.00				
255.00	4.90	1.81	0.00				

Summary for Subcatchment 1B: Post 1B - Offsite

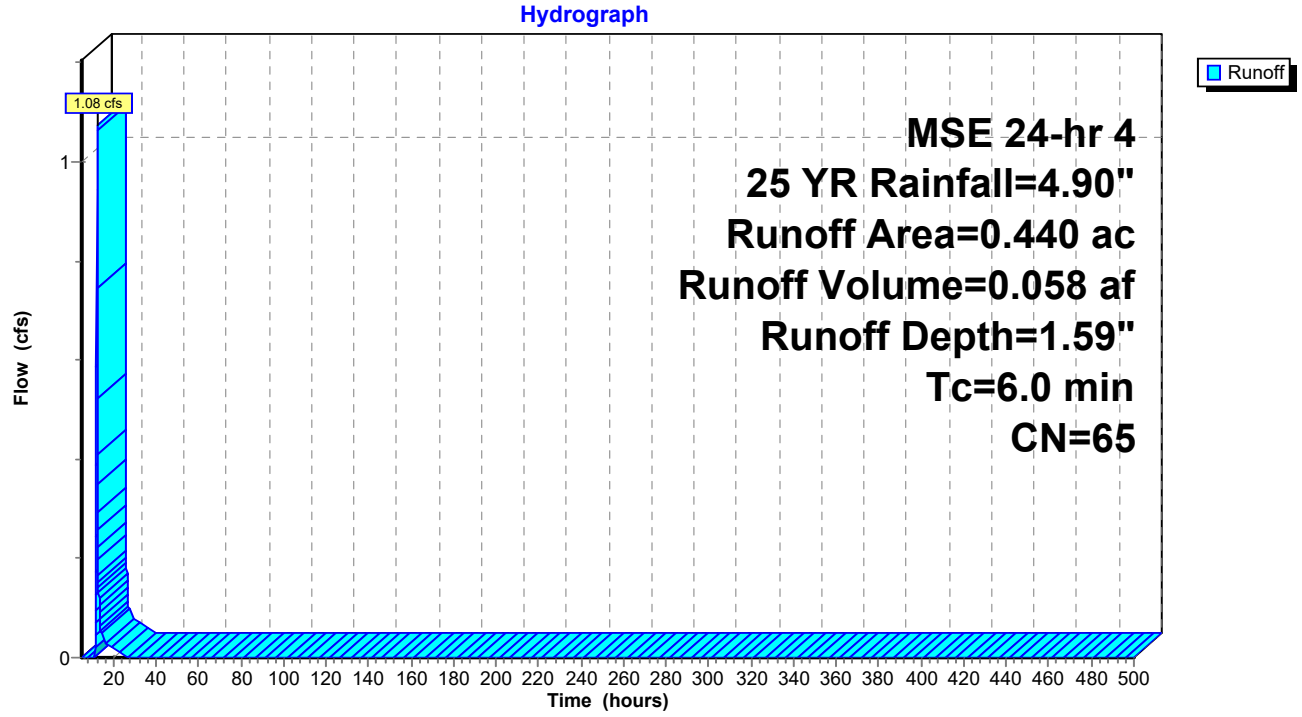
Runoff = 1.08 cfs @ 12.14 hrs, Volume= 0.058 af, Depth= 1.59"
Routed to Link 3L : Post - South

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 25 YR Rainfall=4.90"

	Area (ac)	CN	Description
*	0.050	98	Impervious
*	0.390	61	Post - B Soils
*	0.000	74	Post - C Soils
	0.440	65	Weighted Average
	0.390		88.64% Pervious Area
	0.050		11.36% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 1B: Post 1B - Offsite



Hydrograph for Subcatchment 1B: Post 1B - Offsite

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.22	0.00	0.00	260.00	4.90	1.59	0.00
10.00	0.78	0.00	**0.00**	265.00	4.90	1.59	0.00
15.00	4.31	1.21	**0.05**	270.00	4.90	1.59	0.00
20.00	**4.74**	**1.48**	0.02	275.00	4.90	1.59	0.00
25.00	**4.90**	**1.59**	0.00	280.00	4.90	1.59	0.00
30.00	4.90	1.59	0.00	285.00	4.90	1.59	0.00
35.00	4.90	1.59	0.00	290.00	4.90	1.59	0.00
40.00	4.90	1.59	0.00	295.00	4.90	1.59	0.00
45.00	4.90	1.59	0.00	300.00	4.90	1.59	0.00
50.00	4.90	1.59	0.00	305.00	4.90	1.59	0.00
55.00	4.90	1.59	0.00	310.00	4.90	1.59	0.00
60.00	4.90	1.59	0.00	315.00	4.90	1.59	0.00
65.00	4.90	1.59	0.00	320.00	4.90	1.59	0.00
70.00	4.90	1.59	0.00	325.00	4.90	1.59	0.00
75.00	4.90	1.59	0.00	330.00	4.90	1.59	0.00
80.00	4.90	1.59	0.00	335.00	4.90	1.59	0.00
85.00	4.90	1.59	0.00	340.00	4.90	1.59	0.00
90.00	4.90	1.59	0.00	345.00	4.90	1.59	0.00
95.00	4.90	1.59	0.00	350.00	4.90	1.59	0.00
100.00	4.90	1.59	0.00	355.00	4.90	1.59	0.00
105.00	4.90	1.59	0.00	360.00	4.90	1.59	0.00
110.00	4.90	1.59	0.00	365.00	4.90	1.59	0.00
115.00	4.90	1.59	0.00	370.00	4.90	1.59	0.00
120.00	4.90	1.59	0.00	375.00	4.90	1.59	0.00
125.00	4.90	1.59	0.00	380.00	4.90	1.59	0.00
130.00	4.90	1.59	0.00	385.00	4.90	1.59	0.00
135.00	4.90	1.59	0.00	390.00	4.90	1.59	0.00
140.00	4.90	1.59	0.00	395.00	4.90	1.59	0.00
145.00	4.90	1.59	0.00	400.00	4.90	1.59	0.00
150.00	4.90	1.59	0.00	405.00	4.90	1.59	0.00
155.00	4.90	1.59	0.00	410.00	4.90	1.59	0.00
160.00	4.90	1.59	0.00	415.00	4.90	1.59	0.00
165.00	4.90	1.59	0.00	420.00	4.90	1.59	0.00
170.00	4.90	1.59	0.00	425.00	4.90	1.59	0.00
175.00	4.90	1.59	0.00	430.00	4.90	1.59	0.00
180.00	4.90	1.59	0.00	435.00	4.90	1.59	0.00
185.00	4.90	1.59	0.00	440.00	4.90	1.59	0.00
190.00	4.90	1.59	0.00	445.00	4.90	1.59	0.00
195.00	4.90	1.59	0.00	450.00	4.90	1.59	0.00
200.00	4.90	1.59	0.00	455.00	4.90	1.59	0.00
205.00	4.90	1.59	0.00	460.00	4.90	1.59	0.00
210.00	4.90	1.59	0.00	465.00	4.90	1.59	0.00
215.00	4.90	1.59	0.00	470.00	4.90	1.59	0.00
220.00	4.90	1.59	0.00	475.00	4.90	1.59	0.00
225.00	4.90	1.59	0.00	480.00	4.90	1.59	0.00
230.00	4.90	1.59	0.00	485.00	4.90	1.59	0.00
235.00	4.90	1.59	0.00	490.00	4.90	1.59	0.00
240.00	4.90	1.59	0.00	495.00	4.90	1.59	0.00
245.00	4.90	1.59	0.00	500.00	4.90	1.59	0.00
250.00	4.90	1.59	0.00				
255.00	4.90	1.59	0.00				

Summary for Subcatchment 2: Pre - West

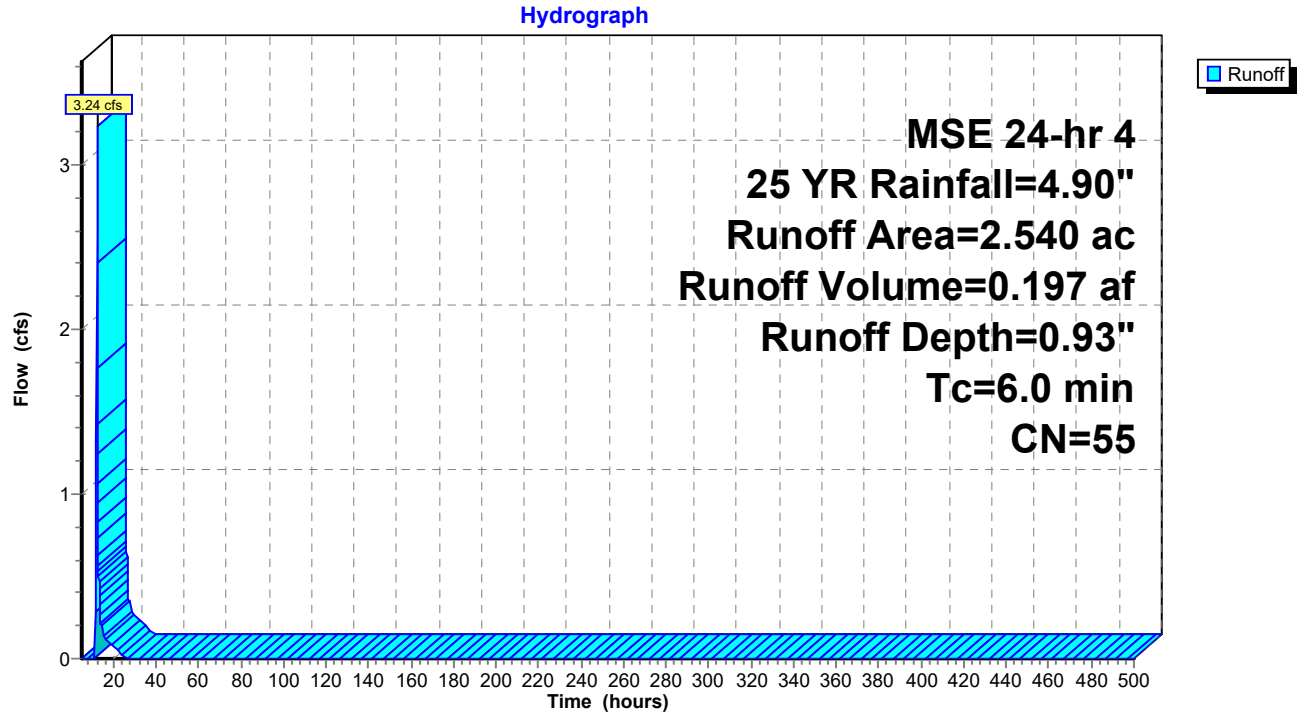
Runoff = 3.24 cfs @ 12.15 hrs, Volume= 0.197 af, Depth= 0.93"
Routed to Link 1L : Total Pre - Development

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 25 YR Rainfall=4.90"

	Area (ac)	CN	Description
*	2.540	55	Pre Dev - B Soils
	2.540		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 2: Pre - West



Hydrograph for Subcatchment 2: Pre - West

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.22	0.00	0.00	260.00	4.90	0.93	0.00
10.00	0.78	0.00	**0.00**	265.00	4.90	0.93	0.00
15.00	4.31	0.66	**0.19**	270.00	4.90	0.93	0.00
20.00	**4.74**	**0.85**	0.07	275.00	4.90	0.93	0.00
25.00	**4.90**	**0.93**	0.00	280.00	4.90	0.93	0.00
30.00	4.90	0.93	0.00	285.00	4.90	0.93	0.00
35.00	4.90	0.93	0.00	290.00	4.90	0.93	0.00
40.00	4.90	0.93	0.00	295.00	4.90	0.93	0.00
45.00	4.90	0.93	0.00	300.00	4.90	0.93	0.00
50.00	4.90	0.93	0.00	305.00	4.90	0.93	0.00
55.00	4.90	0.93	0.00	310.00	4.90	0.93	0.00
60.00	4.90	0.93	0.00	315.00	4.90	0.93	0.00
65.00	4.90	0.93	0.00	320.00	4.90	0.93	0.00
70.00	4.90	0.93	0.00	325.00	4.90	0.93	0.00
75.00	4.90	0.93	0.00	330.00	4.90	0.93	0.00
80.00	4.90	0.93	0.00	335.00	4.90	0.93	0.00
85.00	4.90	0.93	0.00	340.00	4.90	0.93	0.00
90.00	4.90	0.93	0.00	345.00	4.90	0.93	0.00
95.00	4.90	0.93	0.00	350.00	4.90	0.93	0.00
100.00	4.90	0.93	0.00	355.00	4.90	0.93	0.00
105.00	4.90	0.93	0.00	360.00	4.90	0.93	0.00
110.00	4.90	0.93	0.00	365.00	4.90	0.93	0.00
115.00	4.90	0.93	0.00	370.00	4.90	0.93	0.00
120.00	4.90	0.93	0.00	375.00	4.90	0.93	0.00
125.00	4.90	0.93	0.00	380.00	4.90	0.93	0.00
130.00	4.90	0.93	0.00	385.00	4.90	0.93	0.00
135.00	4.90	0.93	0.00	390.00	4.90	0.93	0.00
140.00	4.90	0.93	0.00	395.00	4.90	0.93	0.00
145.00	4.90	0.93	0.00	400.00	4.90	0.93	0.00
150.00	4.90	0.93	0.00	405.00	4.90	0.93	0.00
155.00	4.90	0.93	0.00	410.00	4.90	0.93	0.00
160.00	4.90	0.93	0.00	415.00	4.90	0.93	0.00
165.00	4.90	0.93	0.00	420.00	4.90	0.93	0.00
170.00	4.90	0.93	0.00	425.00	4.90	0.93	0.00
175.00	4.90	0.93	0.00	430.00	4.90	0.93	0.00
180.00	4.90	0.93	0.00	435.00	4.90	0.93	0.00
185.00	4.90	0.93	0.00	440.00	4.90	0.93	0.00
190.00	4.90	0.93	0.00	445.00	4.90	0.93	0.00
195.00	4.90	0.93	0.00	450.00	4.90	0.93	0.00
200.00	4.90	0.93	0.00	455.00	4.90	0.93	0.00
205.00	4.90	0.93	0.00	460.00	4.90	0.93	0.00
210.00	4.90	0.93	0.00	465.00	4.90	0.93	0.00
215.00	4.90	0.93	0.00	470.00	4.90	0.93	0.00
220.00	4.90	0.93	0.00	475.00	4.90	0.93	0.00
225.00	4.90	0.93	0.00	480.00	4.90	0.93	0.00
230.00	4.90	0.93	0.00	485.00	4.90	0.93	0.00
235.00	4.90	0.93	0.00	490.00	4.90	0.93	0.00
240.00	4.90	0.93	0.00	495.00	4.90	0.93	0.00
245.00	4.90	0.93	0.00	500.00	4.90	0.93	0.00
250.00	4.90	0.93	0.00				
255.00	4.90	0.93	0.00				

Summary for Subcatchment 2A: Post 2A - Offsite

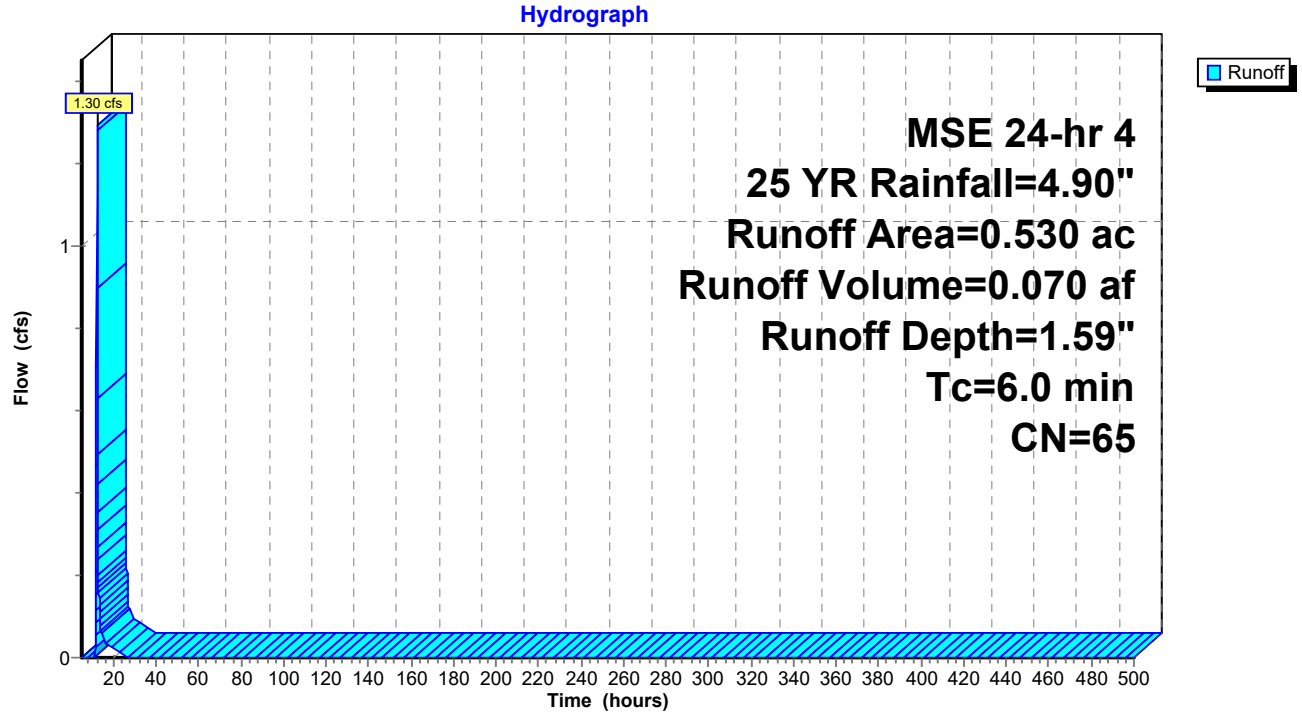
Runoff = 1.30 cfs @ 12.14 hrs, Volume= 0.070 af, Depth= 1.59"
Routed to Link 2L : Total Post - Development

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 25 YR Rainfall=4.90"

	Area (ac)	CN	Description
*	0.060	98	Impervious
*	0.470	61	Post - B Soils
*	0.000	74	Post - C Soils
	0.530	65	Weighted Average
	0.470		88.68% Pervious Area
	0.060		11.32% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 2A: Post 2A - Offsite



Hydrograph for Subcatchment 2A: Post 2A - Offsite

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.22	0.00	0.00	260.00	4.90	1.59	0.00
10.00	0.78	0.00	**0.00**	265.00	4.90	1.59	0.00
15.00	4.31	1.21	**0.06**	270.00	4.90	1.59	0.00
20.00	**4.74**	**1.48**	0.02	275.00	4.90	1.59	0.00
25.00	**4.90**	**1.59**	0.00	280.00	4.90	1.59	0.00
30.00	4.90	1.59	0.00	285.00	4.90	1.59	0.00
35.00	4.90	1.59	0.00	290.00	4.90	1.59	0.00
40.00	4.90	1.59	0.00	295.00	4.90	1.59	0.00
45.00	4.90	1.59	0.00	300.00	4.90	1.59	0.00
50.00	4.90	1.59	0.00	305.00	4.90	1.59	0.00
55.00	4.90	1.59	0.00	310.00	4.90	1.59	0.00
60.00	4.90	1.59	0.00	315.00	4.90	1.59	0.00
65.00	4.90	1.59	0.00	320.00	4.90	1.59	0.00
70.00	4.90	1.59	0.00	325.00	4.90	1.59	0.00
75.00	4.90	1.59	0.00	330.00	4.90	1.59	0.00
80.00	4.90	1.59	0.00	335.00	4.90	1.59	0.00
85.00	4.90	1.59	0.00	340.00	4.90	1.59	0.00
90.00	4.90	1.59	0.00	345.00	4.90	1.59	0.00
95.00	4.90	1.59	0.00	350.00	4.90	1.59	0.00
100.00	4.90	1.59	0.00	355.00	4.90	1.59	0.00
105.00	4.90	1.59	0.00	360.00	4.90	1.59	0.00
110.00	4.90	1.59	0.00	365.00	4.90	1.59	0.00
115.00	4.90	1.59	0.00	370.00	4.90	1.59	0.00
120.00	4.90	1.59	0.00	375.00	4.90	1.59	0.00
125.00	4.90	1.59	0.00	380.00	4.90	1.59	0.00
130.00	4.90	1.59	0.00	385.00	4.90	1.59	0.00
135.00	4.90	1.59	0.00	390.00	4.90	1.59	0.00
140.00	4.90	1.59	0.00	395.00	4.90	1.59	0.00
145.00	4.90	1.59	0.00	400.00	4.90	1.59	0.00
150.00	4.90	1.59	0.00	405.00	4.90	1.59	0.00
155.00	4.90	1.59	0.00	410.00	4.90	1.59	0.00
160.00	4.90	1.59	0.00	415.00	4.90	1.59	0.00
165.00	4.90	1.59	0.00	420.00	4.90	1.59	0.00
170.00	4.90	1.59	0.00	425.00	4.90	1.59	0.00
175.00	4.90	1.59	0.00	430.00	4.90	1.59	0.00
180.00	4.90	1.59	0.00	435.00	4.90	1.59	0.00
185.00	4.90	1.59	0.00	440.00	4.90	1.59	0.00
190.00	4.90	1.59	0.00	445.00	4.90	1.59	0.00
195.00	4.90	1.59	0.00	450.00	4.90	1.59	0.00
200.00	4.90	1.59	0.00	455.00	4.90	1.59	0.00
205.00	4.90	1.59	0.00	460.00	4.90	1.59	0.00
210.00	4.90	1.59	0.00	465.00	4.90	1.59	0.00
215.00	4.90	1.59	0.00	470.00	4.90	1.59	0.00
220.00	4.90	1.59	0.00	475.00	4.90	1.59	0.00
225.00	4.90	1.59	0.00	480.00	4.90	1.59	0.00
230.00	4.90	1.59	0.00	485.00	4.90	1.59	0.00
235.00	4.90	1.59	0.00	490.00	4.90	1.59	0.00
240.00	4.90	1.59	0.00	495.00	4.90	1.59	0.00
245.00	4.90	1.59	0.00	500.00	4.90	1.59	0.00
250.00	4.90	1.59	0.00				
255.00	4.90	1.59	0.00				

Summary for Subcatchment 3: Pre - North

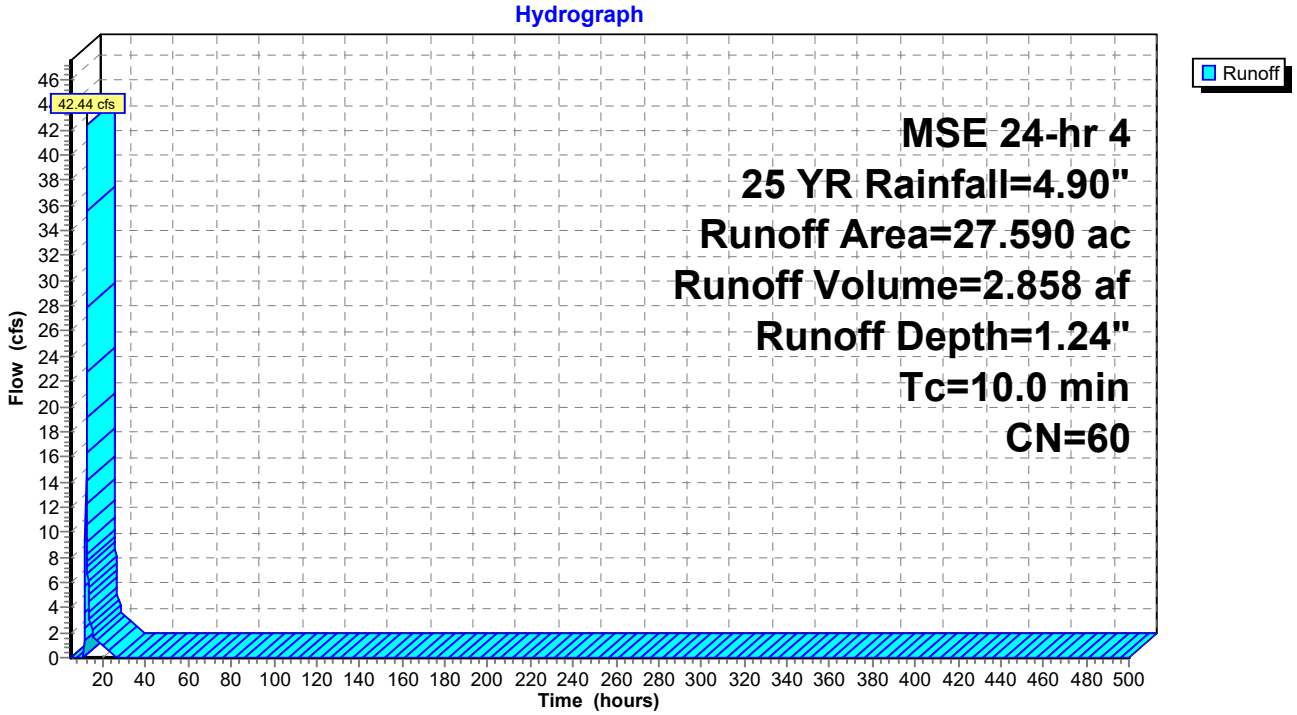
Runoff = 42.44 cfs @ 12.19 hrs, Volume= 2.858 af, Depth= 1.24"
Routed to Link 1L : Total Pre - Development

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 25 YR Rainfall=4.90"

	Area (ac)	CN	Description
*	18.190	55	Pre Dev - B Soils
*	9.400	70	Pre Dev - C Soils
	27.590	60	Weighted Average
	27.590		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					**Direct Entry,**

Subcatchment 3: Pre - North



Hydrograph for Subcatchment 3: Pre - North

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.22	0.00	0.00	260.00	4.90	1.24	0.00
10.00	0.78	0.00	**0.00**	265.00	4.90	1.24	0.00
15.00	4.31	0.92	**2.53**	270.00	4.90	1.24	0.00
20.00	**4.74**	**1.15**	0.97	275.00	4.90	1.24	0.00
25.00	**4.90**	**1.24**	0.00	280.00	4.90	1.24	0.00
30.00	4.90	1.24	0.00	285.00	4.90	1.24	0.00
35.00	4.90	1.24	0.00	290.00	4.90	1.24	0.00
40.00	4.90	1.24	0.00	295.00	4.90	1.24	0.00
45.00	4.90	1.24	0.00	300.00	4.90	1.24	0.00
50.00	4.90	1.24	0.00	305.00	4.90	1.24	0.00
55.00	4.90	1.24	0.00	310.00	4.90	1.24	0.00
60.00	4.90	1.24	0.00	315.00	4.90	1.24	0.00
65.00	4.90	1.24	0.00	320.00	4.90	1.24	0.00
70.00	4.90	1.24	0.00	325.00	4.90	1.24	0.00
75.00	4.90	1.24	0.00	330.00	4.90	1.24	0.00
80.00	4.90	1.24	0.00	335.00	4.90	1.24	0.00
85.00	4.90	1.24	0.00	340.00	4.90	1.24	0.00
90.00	4.90	1.24	0.00	345.00	4.90	1.24	0.00
95.00	4.90	1.24	0.00	350.00	4.90	1.24	0.00
100.00	4.90	1.24	0.00	355.00	4.90	1.24	0.00
105.00	4.90	1.24	0.00	360.00	4.90	1.24	0.00
110.00	4.90	1.24	0.00	365.00	4.90	1.24	0.00
115.00	4.90	1.24	0.00	370.00	4.90	1.24	0.00
120.00	4.90	1.24	0.00	375.00	4.90	1.24	0.00
125.00	4.90	1.24	0.00	380.00	4.90	1.24	0.00
130.00	4.90	1.24	0.00	385.00	4.90	1.24	0.00
135.00	4.90	1.24	0.00	390.00	4.90	1.24	0.00
140.00	4.90	1.24	0.00	395.00	4.90	1.24	0.00
145.00	4.90	1.24	0.00	400.00	4.90	1.24	0.00
150.00	4.90	1.24	0.00	405.00	4.90	1.24	0.00
155.00	4.90	1.24	0.00	410.00	4.90	1.24	0.00
160.00	4.90	1.24	0.00	415.00	4.90	1.24	0.00
165.00	4.90	1.24	0.00	420.00	4.90	1.24	0.00
170.00	4.90	1.24	0.00	425.00	4.90	1.24	0.00
175.00	4.90	1.24	0.00	430.00	4.90	1.24	0.00
180.00	4.90	1.24	0.00	435.00	4.90	1.24	0.00
185.00	4.90	1.24	0.00	440.00	4.90	1.24	0.00
190.00	4.90	1.24	0.00	445.00	4.90	1.24	0.00
195.00	4.90	1.24	0.00	450.00	4.90	1.24	0.00
200.00	4.90	1.24	0.00	455.00	4.90	1.24	0.00
205.00	4.90	1.24	0.00	460.00	4.90	1.24	0.00
210.00	4.90	1.24	0.00	465.00	4.90	1.24	0.00
215.00	4.90	1.24	0.00	470.00	4.90	1.24	0.00
220.00	4.90	1.24	0.00	475.00	4.90	1.24	0.00
225.00	4.90	1.24	0.00	480.00	4.90	1.24	0.00
230.00	4.90	1.24	0.00	485.00	4.90	1.24	0.00
235.00	4.90	1.24	0.00	490.00	4.90	1.24	0.00
240.00	4.90	1.24	0.00	495.00	4.90	1.24	0.00
245.00	4.90	1.24	0.00	500.00	4.90	1.24	0.00
250.00	4.90	1.24	0.00				
255.00	4.90	1.24	0.00				

Summary for Subcatchment 3A: Post 3A

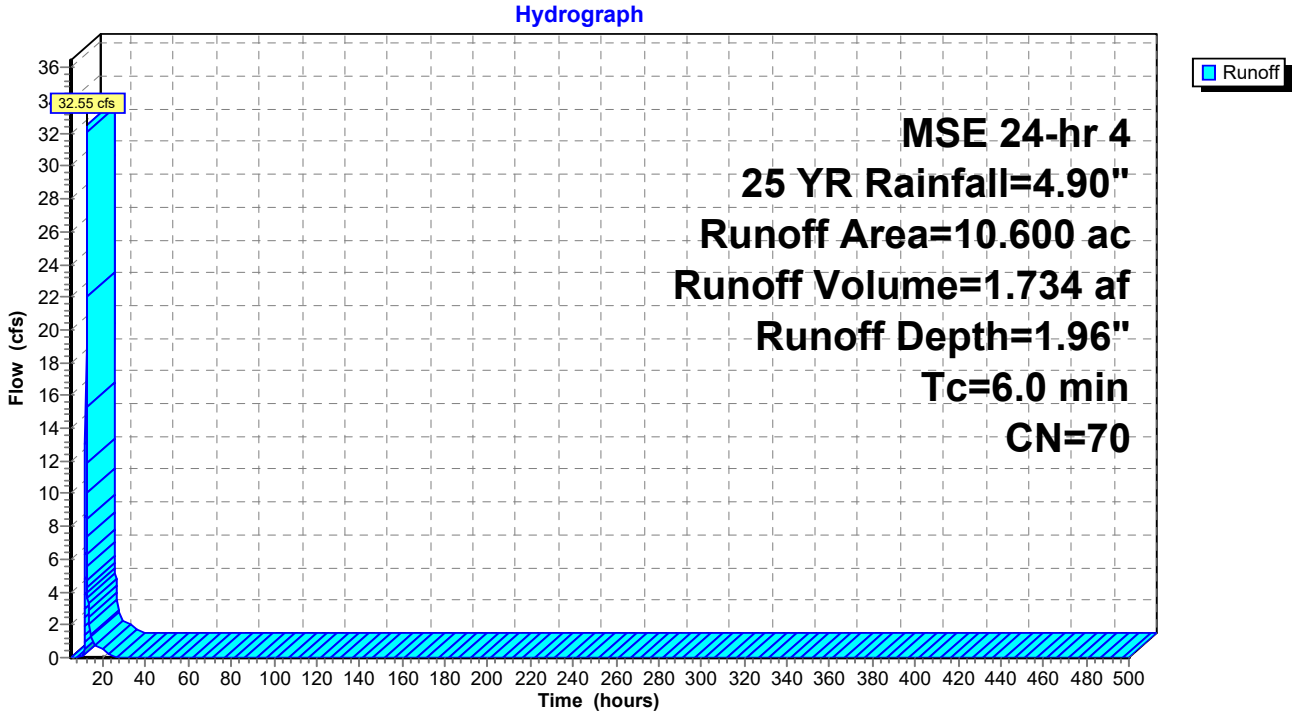
Runoff = 32.55 cfs @ 12.14 hrs, Volume= 1.734 af, Depth= 1.96"
Routed to Pond P3A : Pond 3A

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 25 YR Rainfall=4.90"

	Area (ac)	CN	Description
*	1.970	98	Impervious
*	6.570	61	Post - B Soils
*	2.060	74	Post - C Soils
	10.600	70	Weighted Average
	8.630		81.42% Pervious Area
	1.970		18.58% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3A: Post 3A



Hydrograph for Subcatchment 3A: Post 3A

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.22	0.00	0.00	260.00	4.90	1.96	0.00
10.00	0.78	0.00	**0.00**	265.00	4.90	1.96	0.00
15.00	4.31	1.54	**1.28**	270.00	4.90	1.96	0.00
20.00	**4.74**	**1.85**	0.48	275.00	4.90	1.96	0.00
25.00	**4.90**	**1.96**	0.00	280.00	4.90	1.96	0.00
30.00	4.90	1.96	0.00	285.00	4.90	1.96	0.00
35.00	4.90	1.96	0.00	290.00	4.90	1.96	0.00
40.00	4.90	1.96	0.00	295.00	4.90	1.96	0.00
45.00	4.90	1.96	0.00	300.00	4.90	1.96	0.00
50.00	4.90	1.96	0.00	305.00	4.90	1.96	0.00
55.00	4.90	1.96	0.00	310.00	4.90	1.96	0.00
60.00	4.90	1.96	0.00	315.00	4.90	1.96	0.00
65.00	4.90	1.96	0.00	320.00	4.90	1.96	0.00
70.00	4.90	1.96	0.00	325.00	4.90	1.96	0.00
75.00	4.90	1.96	0.00	330.00	4.90	1.96	0.00
80.00	4.90	1.96	0.00	335.00	4.90	1.96	0.00
85.00	4.90	1.96	0.00	340.00	4.90	1.96	0.00
90.00	4.90	1.96	0.00	345.00	4.90	1.96	0.00
95.00	4.90	1.96	0.00	350.00	4.90	1.96	0.00
100.00	4.90	1.96	0.00	355.00	4.90	1.96	0.00
105.00	4.90	1.96	0.00	360.00	4.90	1.96	0.00
110.00	4.90	1.96	0.00	365.00	4.90	1.96	0.00
115.00	4.90	1.96	0.00	370.00	4.90	1.96	0.00
120.00	4.90	1.96	0.00	375.00	4.90	1.96	0.00
125.00	4.90	1.96	0.00	380.00	4.90	1.96	0.00
130.00	4.90	1.96	0.00	385.00	4.90	1.96	0.00
135.00	4.90	1.96	0.00	390.00	4.90	1.96	0.00
140.00	4.90	1.96	0.00	395.00	4.90	1.96	0.00
145.00	4.90	1.96	0.00	400.00	4.90	1.96	0.00
150.00	4.90	1.96	0.00	405.00	4.90	1.96	0.00
155.00	4.90	1.96	0.00	410.00	4.90	1.96	0.00
160.00	4.90	1.96	0.00	415.00	4.90	1.96	0.00
165.00	4.90	1.96	0.00	420.00	4.90	1.96	0.00
170.00	4.90	1.96	0.00	425.00	4.90	1.96	0.00
175.00	4.90	1.96	0.00	430.00	4.90	1.96	0.00
180.00	4.90	1.96	0.00	435.00	4.90	1.96	0.00
185.00	4.90	1.96	0.00	440.00	4.90	1.96	0.00
190.00	4.90	1.96	0.00	445.00	4.90	1.96	0.00
195.00	4.90	1.96	0.00	450.00	4.90	1.96	0.00
200.00	4.90	1.96	0.00	455.00	4.90	1.96	0.00
205.00	4.90	1.96	0.00	460.00	4.90	1.96	0.00
210.00	4.90	1.96	0.00	465.00	4.90	1.96	0.00
215.00	4.90	1.96	0.00	470.00	4.90	1.96	0.00
220.00	4.90	1.96	0.00	475.00	4.90	1.96	0.00
225.00	4.90	1.96	0.00	480.00	4.90	1.96	0.00
230.00	4.90	1.96	0.00	485.00	4.90	1.96	0.00
235.00	4.90	1.96	0.00	490.00	4.90	1.96	0.00
240.00	4.90	1.96	0.00	495.00	4.90	1.96	0.00
245.00	4.90	1.96	0.00	500.00	4.90	1.96	0.00
250.00	4.90	1.96	0.00				
255.00	4.90	1.96	0.00				

Summary for Subcatchment 3B: Post 3B

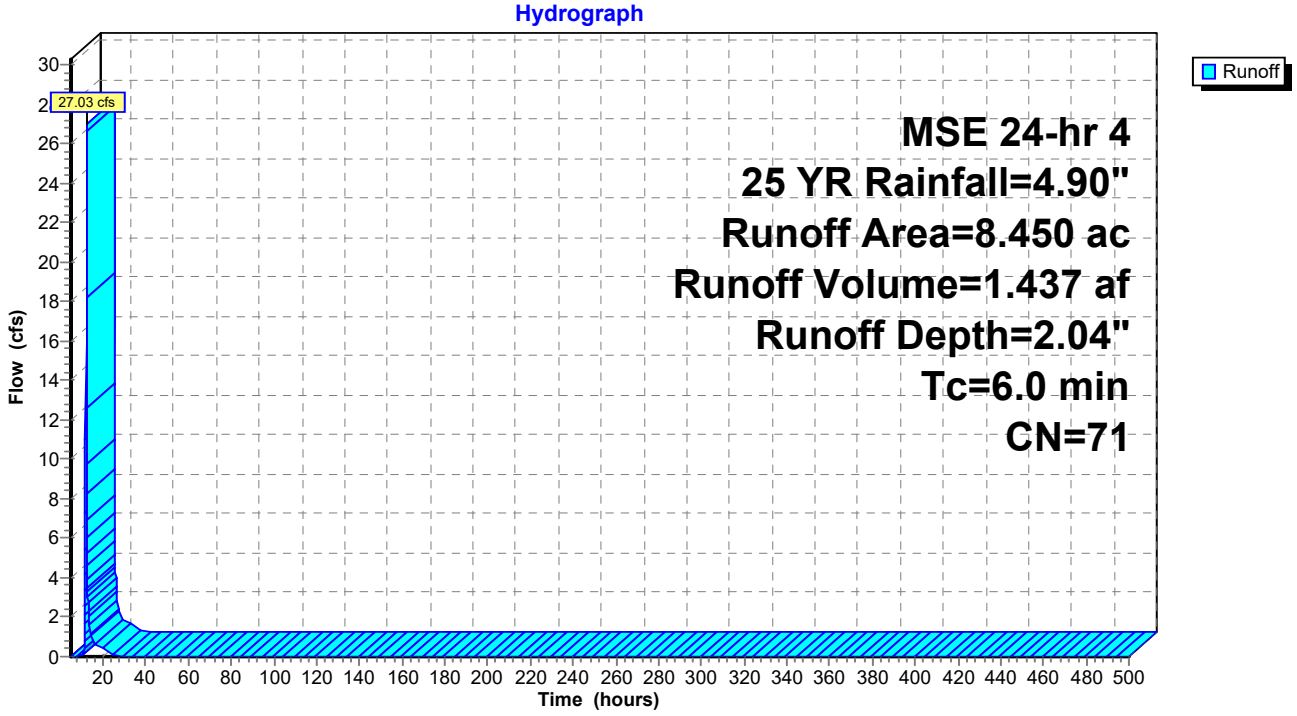
Runoff = 27.03 cfs @ 12.14 hrs, Volume= 1.437 af, Depth= 2.04"
Routed to Pond P3B : Pond 3B

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 25 YR Rainfall=4.90"

	Area (ac)	CN	Description
*	1.680	98	Impervious
*	5.290	61	Post - B Soils
*	1.480	74	Post - C Soils
	8.450	71	Weighted Average
	6.770		80.12% Pervious Area
	1.680		19.88% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3B: Post 3B



Hydrograph for Subcatchment 3B: Post 3B

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.22	0.00	0.00
10.00	0.78	0.00	**0.00**
15.00	4.31	1.61	**1.05**
20.00	**4.74**	**1.92**	0.39
25.00	**4.90**	**2.04**	0.00
30.00	4.90	2.04	0.00
35.00	4.90	2.04	0.00
40.00	4.90	2.04	0.00
45.00	4.90	2.04	0.00
50.00	4.90	2.04	0.00
55.00	4.90	2.04	0.00
60.00	4.90	2.04	0.00
65.00	4.90	2.04	0.00
70.00	4.90	2.04	0.00
75.00	4.90	2.04	0.00
80.00	4.90	2.04	0.00
85.00	4.90	2.04	0.00
90.00	4.90	2.04	0.00
95.00	4.90	2.04	0.00
100.00	4.90	2.04	0.00
105.00	4.90	2.04	0.00
110.00	4.90	2.04	0.00
115.00	4.90	2.04	0.00
120.00	4.90	2.04	0.00
125.00	4.90	2.04	0.00
130.00	4.90	2.04	0.00
135.00	4.90	2.04	0.00
140.00	4.90	2.04	0.00
145.00	4.90	2.04	0.00
150.00	4.90	2.04	0.00
155.00	4.90	2.04	0.00
160.00	4.90	2.04	0.00
165.00	4.90	2.04	0.00
170.00	4.90	2.04	0.00
175.00	4.90	2.04	0.00
180.00	4.90	2.04	0.00
185.00	4.90	2.04	0.00
190.00	4.90	2.04	0.00
195.00	4.90	2.04	0.00
200.00	4.90	2.04	0.00
205.00	4.90	2.04	0.00
210.00	4.90	2.04	0.00
215.00	4.90	2.04	0.00
220.00	4.90	2.04	0.00
225.00	4.90	2.04	0.00
230.00	4.90	2.04	0.00
235.00	4.90	2.04	0.00
240.00	4.90	2.04	0.00
245.00	4.90	2.04	0.00
250.00	4.90	2.04	0.00
255.00	4.90	2.04	0.00
260.00	4.90	2.04	0.00
265.00	4.90	2.04	0.00
270.00	4.90	2.04	0.00
275.00	4.90	2.04	0.00
280.00	4.90	2.04	0.00
285.00	4.90	2.04	0.00
290.00	4.90	2.04	0.00
295.00	4.90	2.04	0.00
300.00	4.90	2.04	0.00
305.00	4.90	2.04	0.00
310.00	4.90	2.04	0.00
315.00	4.90	2.04	0.00
320.00	4.90	2.04	0.00
325.00	4.90	2.04	0.00
330.00	4.90	2.04	0.00
335.00	4.90	2.04	0.00
340.00	4.90	2.04	0.00
345.00	4.90	2.04	0.00
350.00	4.90	2.04	0.00
355.00	4.90	2.04	0.00
360.00	4.90	2.04	0.00
365.00	4.90	2.04	0.00
370.00	4.90	2.04	0.00
375.00	4.90	2.04	0.00
380.00	4.90	2.04	0.00
385.00	4.90	2.04	0.00
390.00	4.90	2.04	0.00
395.00	4.90	2.04	0.00
400.00	4.90	2.04	0.00
405.00	4.90	2.04	0.00
410.00	4.90	2.04	0.00
415.00	4.90	2.04	0.00
420.00	4.90	2.04	0.00
425.00	4.90	2.04	0.00
430.00	4.90	2.04	0.00
435.00	4.90	2.04	0.00
440.00	4.90	2.04	0.00
445.00	4.90	2.04	0.00
450.00	4.90	2.04	0.00
455.00	4.90	2.04	0.00
460.00	4.90	2.04	0.00
465.00	4.90	2.04	0.00
470.00	4.90	2.04	0.00
475.00	4.90	2.04	0.00
480.00	4.90	2.04	0.00
485.00	4.90	2.04	0.00
490.00	4.90	2.04	0.00
495.00	4.90	2.04	0.00
500.00	4.90	2.04	0.00

Summary for Subcatchment 3C: Post 3C

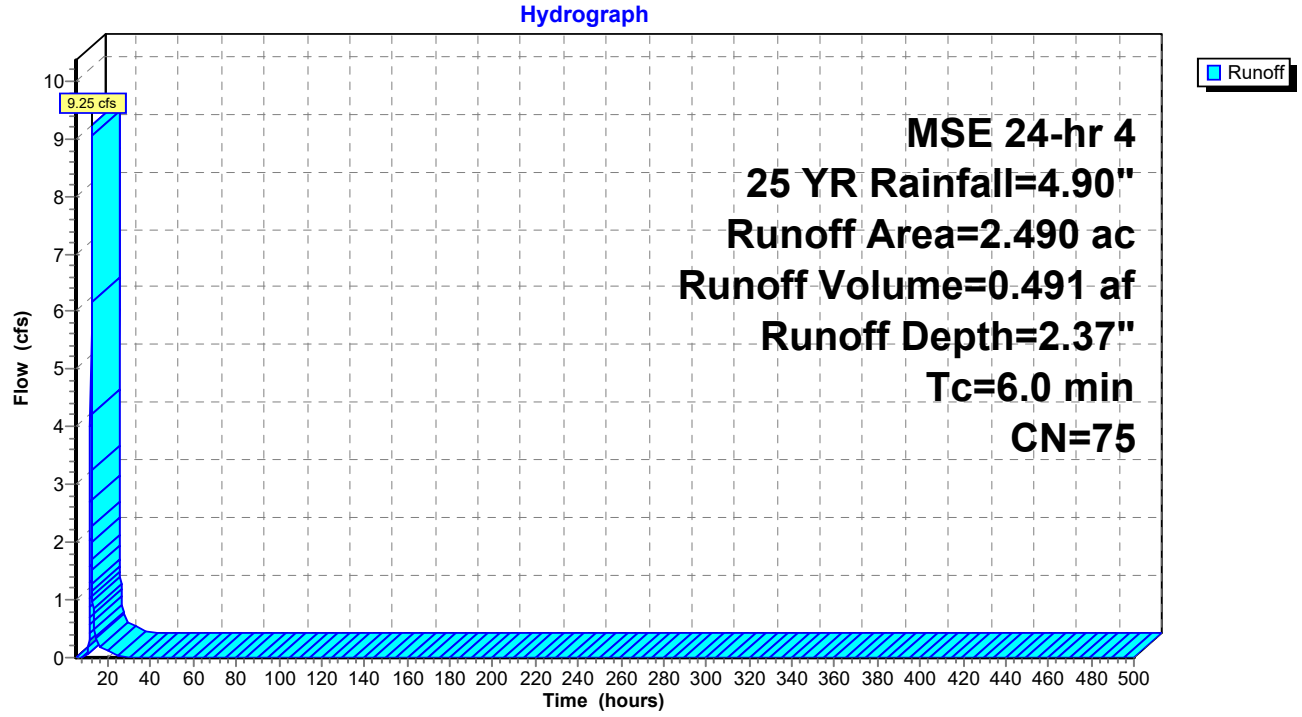
Runoff = 9.25 cfs @ 12.13 hrs, Volume= 0.491 af, Depth= 2.37"
Routed to Pond P3C : Pond 3C

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 25 YR Rainfall=4.90"

	Area (ac)	CN	Description
*	0.570	98	Impervious
*	0.800	61	Post - B Soils
*	1.120	74	Post - C Soils
	2.490	75	Weighted Average
	1.920		77.11% Pervious Area
	0.570		22.89% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3C: Post 3C



Hydrograph for Subcatchment 3C: Post 3C

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.22	0.00	0.00	260.00	4.90	2.37	0.00
10.00	0.78	0.00	**0.03**	265.00	4.90	2.37	0.00
15.00	4.31	1.90	**0.34**	270.00	4.90	2.37	0.00
20.00	**4.74**	**2.24**	0.12	275.00	4.90	2.37	0.00
25.00	**4.90**	**2.37**	0.00	280.00	4.90	2.37	0.00
30.00	4.90	2.37	0.00	285.00	4.90	2.37	0.00
35.00	4.90	2.37	0.00	290.00	4.90	2.37	0.00
40.00	4.90	2.37	0.00	295.00	4.90	2.37	0.00
45.00	4.90	2.37	0.00	300.00	4.90	2.37	0.00
50.00	4.90	2.37	0.00	305.00	4.90	2.37	0.00
55.00	4.90	2.37	0.00	310.00	4.90	2.37	0.00
60.00	4.90	2.37	0.00	315.00	4.90	2.37	0.00
65.00	4.90	2.37	0.00	320.00	4.90	2.37	0.00
70.00	4.90	2.37	0.00	325.00	4.90	2.37	0.00
75.00	4.90	2.37	0.00	330.00	4.90	2.37	0.00
80.00	4.90	2.37	0.00	335.00	4.90	2.37	0.00
85.00	4.90	2.37	0.00	340.00	4.90	2.37	0.00
90.00	4.90	2.37	0.00	345.00	4.90	2.37	0.00
95.00	4.90	2.37	0.00	350.00	4.90	2.37	0.00
100.00	4.90	2.37	0.00	355.00	4.90	2.37	0.00
105.00	4.90	2.37	0.00	360.00	4.90	2.37	0.00
110.00	4.90	2.37	0.00	365.00	4.90	2.37	0.00
115.00	4.90	2.37	0.00	370.00	4.90	2.37	0.00
120.00	4.90	2.37	0.00	375.00	4.90	2.37	0.00
125.00	4.90	2.37	0.00	380.00	4.90	2.37	0.00
130.00	4.90	2.37	0.00	385.00	4.90	2.37	0.00
135.00	4.90	2.37	0.00	390.00	4.90	2.37	0.00
140.00	4.90	2.37	0.00	395.00	4.90	2.37	0.00
145.00	4.90	2.37	0.00	400.00	4.90	2.37	0.00
150.00	4.90	2.37	0.00	405.00	4.90	2.37	0.00
155.00	4.90	2.37	0.00	410.00	4.90	2.37	0.00
160.00	4.90	2.37	0.00	415.00	4.90	2.37	0.00
165.00	4.90	2.37	0.00	420.00	4.90	2.37	0.00
170.00	4.90	2.37	0.00	425.00	4.90	2.37	0.00
175.00	4.90	2.37	0.00	430.00	4.90	2.37	0.00
180.00	4.90	2.37	0.00	435.00	4.90	2.37	0.00
185.00	4.90	2.37	0.00	440.00	4.90	2.37	0.00
190.00	4.90	2.37	0.00	445.00	4.90	2.37	0.00
195.00	4.90	2.37	0.00	450.00	4.90	2.37	0.00
200.00	4.90	2.37	0.00	455.00	4.90	2.37	0.00
205.00	4.90	2.37	0.00	460.00	4.90	2.37	0.00
210.00	4.90	2.37	0.00	465.00	4.90	2.37	0.00
215.00	4.90	2.37	0.00	470.00	4.90	2.37	0.00
220.00	4.90	2.37	0.00	475.00	4.90	2.37	0.00
225.00	4.90	2.37	0.00	480.00	4.90	2.37	0.00
230.00	4.90	2.37	0.00	485.00	4.90	2.37	0.00
235.00	4.90	2.37	0.00	490.00	4.90	2.37	0.00
240.00	4.90	2.37	0.00	495.00	4.90	2.37	0.00
245.00	4.90	2.37	0.00	500.00	4.90	2.37	0.00
250.00	4.90	2.37	0.00				
255.00	4.90	2.37	0.00				

Summary for Subcatchment 3D: Post 3D

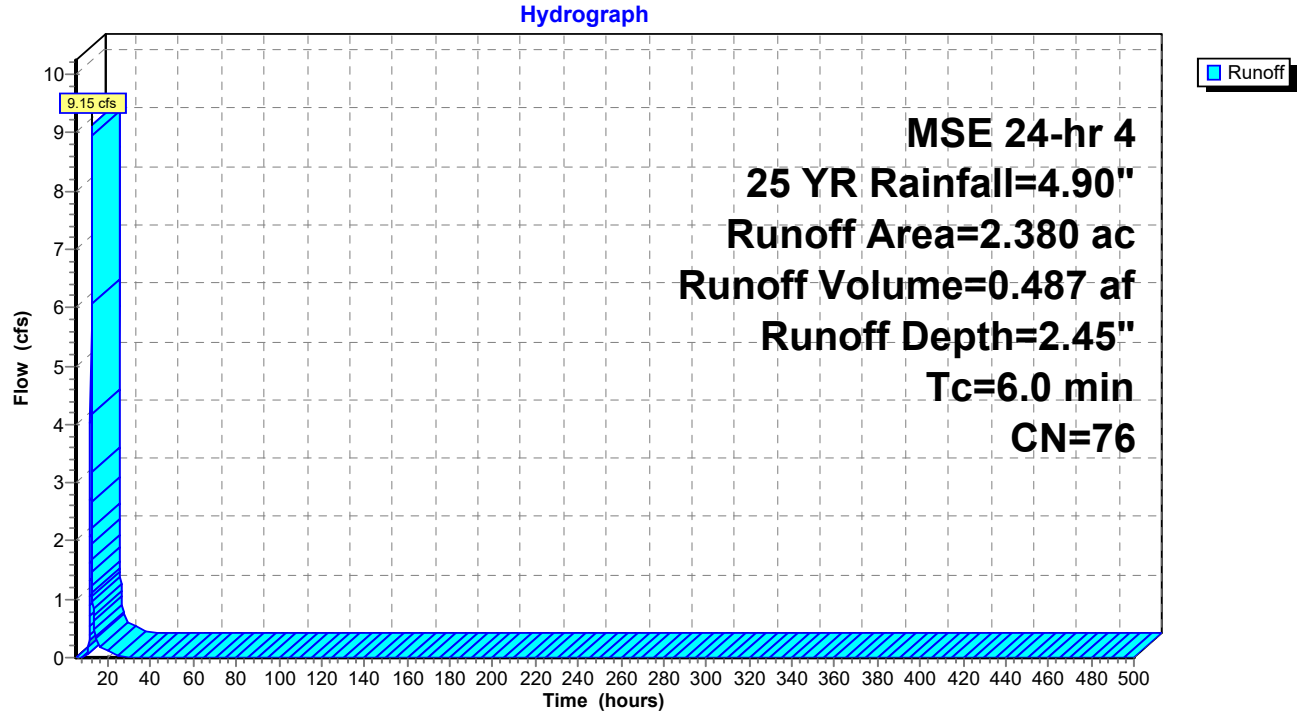
Runoff = 9.15 cfs @ 12.13 hrs, Volume= 0.487 af, Depth= 2.45"
Routed to Pond P3D : Pond 3D

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 25 YR Rainfall=4.90"

	Area (ac)	CN	Description
*	0.570	98	Impervious
*	0.610	61	Post - B Soils
*	1.200	74	Post - C Soils
	2.380	76	Weighted Average
	1.810		76.05% Pervious Area
	0.570		23.95% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3D: Post 3D



Hydrograph for Subcatchment 3D: Post 3D

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.22	0.00	0.00
10.00	0.78	0.01	**0.03**
15.00	4.31	1.98	**0.33**
20.00	**4.74**	**2.32**	0.12
25.00	**4.90**	**2.45**	0.00
30.00	4.90	2.45	0.00
35.00	4.90	2.45	0.00
40.00	4.90	2.45	0.00
45.00	4.90	2.45	0.00
50.00	4.90	2.45	0.00
55.00	4.90	2.45	0.00
60.00	4.90	2.45	0.00
65.00	4.90	2.45	0.00
70.00	4.90	2.45	0.00
75.00	4.90	2.45	0.00
80.00	4.90	2.45	0.00
85.00	4.90	2.45	0.00
90.00	4.90	2.45	0.00
95.00	4.90	2.45	0.00
100.00	4.90	2.45	0.00
105.00	4.90	2.45	0.00
110.00	4.90	2.45	0.00
115.00	4.90	2.45	0.00
120.00	4.90	2.45	0.00
125.00	4.90	2.45	0.00
130.00	4.90	2.45	0.00
135.00	4.90	2.45	0.00
140.00	4.90	2.45	0.00
145.00	4.90	2.45	0.00
150.00	4.90	2.45	0.00
155.00	4.90	2.45	0.00
160.00	4.90	2.45	0.00
165.00	4.90	2.45	0.00
170.00	4.90	2.45	0.00
175.00	4.90	2.45	0.00
180.00	4.90	2.45	0.00
185.00	4.90	2.45	0.00
190.00	4.90	2.45	0.00
195.00	4.90	2.45	0.00
200.00	4.90	2.45	0.00
205.00	4.90	2.45	0.00
210.00	4.90	2.45	0.00
215.00	4.90	2.45	0.00
220.00	4.90	2.45	0.00
225.00	4.90	2.45	0.00
230.00	4.90	2.45	0.00
235.00	4.90	2.45	0.00
240.00	4.90	2.45	0.00
245.00	4.90	2.45	0.00
250.00	4.90	2.45	0.00
255.00	4.90	2.45	0.00
260.00	4.90	2.45	0.00
265.00	4.90	2.45	0.00
270.00	4.90	2.45	0.00
275.00	4.90	2.45	0.00
280.00	4.90	2.45	0.00
285.00	4.90	2.45	0.00
290.00	4.90	2.45	0.00
295.00	4.90	2.45	0.00
300.00	4.90	2.45	0.00
305.00	4.90	2.45	0.00
310.00	4.90	2.45	0.00
315.00	4.90	2.45	0.00
320.00	4.90	2.45	0.00
325.00	4.90	2.45	0.00
330.00	4.90	2.45	0.00
335.00	4.90	2.45	0.00
340.00	4.90	2.45	0.00
345.00	4.90	2.45	0.00
350.00	4.90	2.45	0.00
355.00	4.90	2.45	0.00
360.00	4.90	2.45	0.00
365.00	4.90	2.45	0.00
370.00	4.90	2.45	0.00
375.00	4.90	2.45	0.00
380.00	4.90	2.45	0.00
385.00	4.90	2.45	0.00
390.00	4.90	2.45	0.00
395.00	4.90	2.45	0.00
400.00	4.90	2.45	0.00
405.00	4.90	2.45	0.00
410.00	4.90	2.45	0.00
415.00	4.90	2.45	0.00
420.00	4.90	2.45	0.00
425.00	4.90	2.45	0.00
430.00	4.90	2.45	0.00
435.00	4.90	2.45	0.00
440.00	4.90	2.45	0.00
445.00	4.90	2.45	0.00
450.00	4.90	2.45	0.00
455.00	4.90	2.45	0.00
460.00	4.90	2.45	0.00
465.00	4.90	2.45	0.00
470.00	4.90	2.45	0.00
475.00	4.90	2.45	0.00
480.00	4.90	2.45	0.00
485.00	4.90	2.45	0.00
490.00	4.90	2.45	0.00
495.00	4.90	2.45	0.00
500.00	4.90	2.45	0.00

Summary for Subcatchment 3E: Post 3E

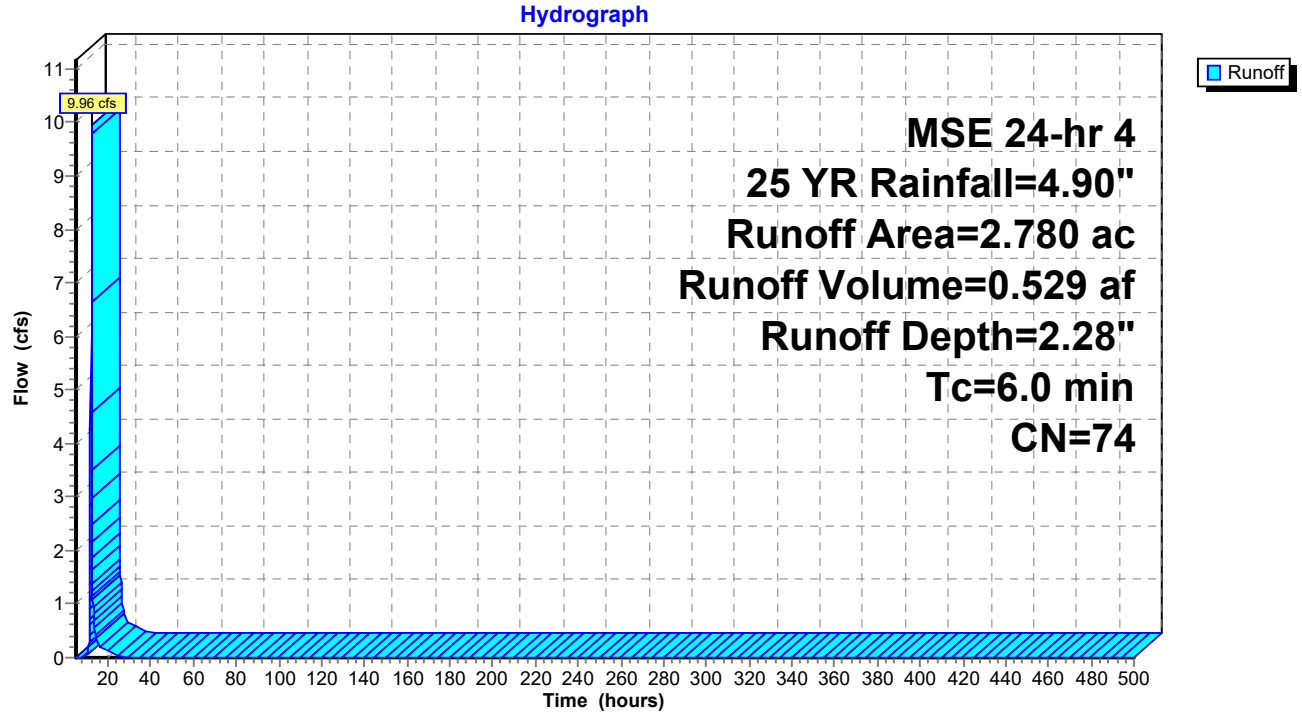
Runoff = 9.96 cfs @ 12.13 hrs, Volume= 0.529 af, Depth= 2.28"
Routed to Pond P3E : Pond 3E

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 25 YR Rainfall=4.90"

	Area (ac)	CN	Description
*	0.530	98	Impervious
*	0.920	61	Post - B Soils
*	1.330	74	Post - C Soils
	2.780	74	Weighted Average
	2.250		80.94% Pervious Area
	0.530		19.06% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3E: Post 3E



Hydrograph for Subcatchment 3E: Post 3E

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.22	0.00	0.00	260.00	4.90	2.28	0.00
10.00	0.78	0.00	**0.02**	265.00	4.90	2.28	0.00
15.00	4.31	1.83	**0.37**	270.00	4.90	2.28	0.00
20.00	**4.74**	**2.16**	0.14	275.00	4.90	2.28	0.00
25.00	**4.90**	**2.28**	0.00	280.00	4.90	2.28	0.00
30.00	4.90	2.28	0.00	285.00	4.90	2.28	0.00
35.00	4.90	2.28	0.00	290.00	4.90	2.28	0.00
40.00	4.90	2.28	0.00	295.00	4.90	2.28	0.00
45.00	4.90	2.28	0.00	300.00	4.90	2.28	0.00
50.00	4.90	2.28	0.00	305.00	4.90	2.28	0.00
55.00	4.90	2.28	0.00	310.00	4.90	2.28	0.00
60.00	4.90	2.28	0.00	315.00	4.90	2.28	0.00
65.00	4.90	2.28	0.00	320.00	4.90	2.28	0.00
70.00	4.90	2.28	0.00	325.00	4.90	2.28	0.00
75.00	4.90	2.28	0.00	330.00	4.90	2.28	0.00
80.00	4.90	2.28	0.00	335.00	4.90	2.28	0.00
85.00	4.90	2.28	0.00	340.00	4.90	2.28	0.00
90.00	4.90	2.28	0.00	345.00	4.90	2.28	0.00
95.00	4.90	2.28	0.00	350.00	4.90	2.28	0.00
100.00	4.90	2.28	0.00	355.00	4.90	2.28	0.00
105.00	4.90	2.28	0.00	360.00	4.90	2.28	0.00
110.00	4.90	2.28	0.00	365.00	4.90	2.28	0.00
115.00	4.90	2.28	0.00	370.00	4.90	2.28	0.00
120.00	4.90	2.28	0.00	375.00	4.90	2.28	0.00
125.00	4.90	2.28	0.00	380.00	4.90	2.28	0.00
130.00	4.90	2.28	0.00	385.00	4.90	2.28	0.00
135.00	4.90	2.28	0.00	390.00	4.90	2.28	0.00
140.00	4.90	2.28	0.00	395.00	4.90	2.28	0.00
145.00	4.90	2.28	0.00	400.00	4.90	2.28	0.00
150.00	4.90	2.28	0.00	405.00	4.90	2.28	0.00
155.00	4.90	2.28	0.00	410.00	4.90	2.28	0.00
160.00	4.90	2.28	0.00	415.00	4.90	2.28	0.00
165.00	4.90	2.28	0.00	420.00	4.90	2.28	0.00
170.00	4.90	2.28	0.00	425.00	4.90	2.28	0.00
175.00	4.90	2.28	0.00	430.00	4.90	2.28	0.00
180.00	4.90	2.28	0.00	435.00	4.90	2.28	0.00
185.00	4.90	2.28	0.00	440.00	4.90	2.28	0.00
190.00	4.90	2.28	0.00	445.00	4.90	2.28	0.00
195.00	4.90	2.28	0.00	450.00	4.90	2.28	0.00
200.00	4.90	2.28	0.00	455.00	4.90	2.28	0.00
205.00	4.90	2.28	0.00	460.00	4.90	2.28	0.00
210.00	4.90	2.28	0.00	465.00	4.90	2.28	0.00
215.00	4.90	2.28	0.00	470.00	4.90	2.28	0.00
220.00	4.90	2.28	0.00	475.00	4.90	2.28	0.00
225.00	4.90	2.28	0.00	480.00	4.90	2.28	0.00
230.00	4.90	2.28	0.00	485.00	4.90	2.28	0.00
235.00	4.90	2.28	0.00	490.00	4.90	2.28	0.00
240.00	4.90	2.28	0.00	495.00	4.90	2.28	0.00
245.00	4.90	2.28	0.00	500.00	4.90	2.28	0.00
250.00	4.90	2.28	0.00				
255.00	4.90	2.28	0.00				

Summary for Subcatchment 3Y: Post 3Y - Offsite

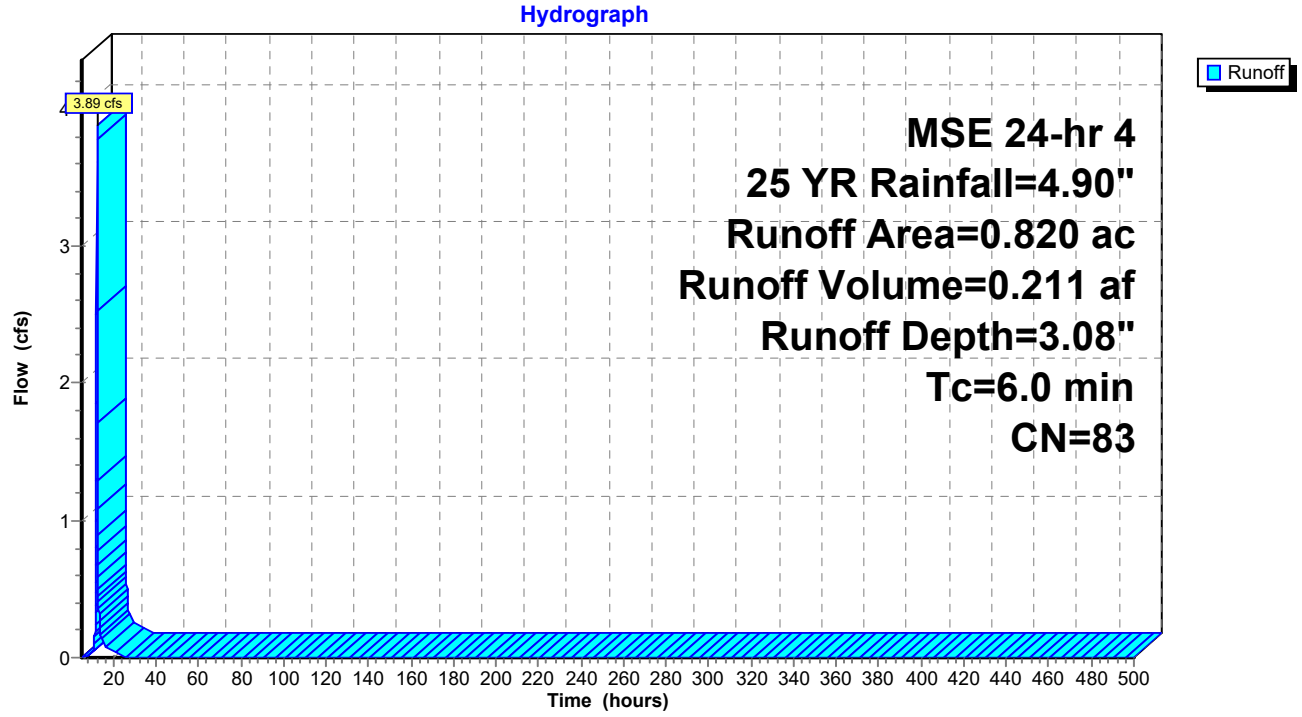
Runoff = 3.89 cfs @ 12.13 hrs, Volume= 0.211 af, Depth= 3.08"
Routed to Link 4L : Post - North

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 25 YR Rainfall=4.90"

	Area (ac)	CN	Description
*	0.300	98	Impervious
*	0.000	61	Post - B Soils
*	0.520	74	Post - C Soils
	0.820	83	Weighted Average
	0.520		63.41% Pervious Area
	0.300		36.59% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3Y: Post 3Y - Offsite



Hydrograph for Subcatchment 3Y: Post 3Y - Offsite

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.22	0.00	0.00	260.00	4.90	3.08	0.00
10.00	0.78	0.06	**0.04**	265.00	4.90	3.08	0.00
15.00	4.31	2.55	**0.13**	270.00	4.90	3.08	0.00
20.00	**4.74**	**2.94**	0.05	275.00	4.90	3.08	0.00
25.00	**4.90**	**3.08**	0.00	280.00	4.90	3.08	0.00
30.00	4.90	3.08	0.00	285.00	4.90	3.08	0.00
35.00	4.90	3.08	0.00	290.00	4.90	3.08	0.00
40.00	4.90	3.08	0.00	295.00	4.90	3.08	0.00
45.00	4.90	3.08	0.00	300.00	4.90	3.08	0.00
50.00	4.90	3.08	0.00	305.00	4.90	3.08	0.00
55.00	4.90	3.08	0.00	310.00	4.90	3.08	0.00
60.00	4.90	3.08	0.00	315.00	4.90	3.08	0.00
65.00	4.90	3.08	0.00	320.00	4.90	3.08	0.00
70.00	4.90	3.08	0.00	325.00	4.90	3.08	0.00
75.00	4.90	3.08	0.00	330.00	4.90	3.08	0.00
80.00	4.90	3.08	0.00	335.00	4.90	3.08	0.00
85.00	4.90	3.08	0.00	340.00	4.90	3.08	0.00
90.00	4.90	3.08	0.00	345.00	4.90	3.08	0.00
95.00	4.90	3.08	0.00	350.00	4.90	3.08	0.00
100.00	4.90	3.08	0.00	355.00	4.90	3.08	0.00
105.00	4.90	3.08	0.00	360.00	4.90	3.08	0.00
110.00	4.90	3.08	0.00	365.00	4.90	3.08	0.00
115.00	4.90	3.08	0.00	370.00	4.90	3.08	0.00
120.00	4.90	3.08	0.00	375.00	4.90	3.08	0.00
125.00	4.90	3.08	0.00	380.00	4.90	3.08	0.00
130.00	4.90	3.08	0.00	385.00	4.90	3.08	0.00
135.00	4.90	3.08	0.00	390.00	4.90	3.08	0.00
140.00	4.90	3.08	0.00	395.00	4.90	3.08	0.00
145.00	4.90	3.08	0.00	400.00	4.90	3.08	0.00
150.00	4.90	3.08	0.00	405.00	4.90	3.08	0.00
155.00	4.90	3.08	0.00	410.00	4.90	3.08	0.00
160.00	4.90	3.08	0.00	415.00	4.90	3.08	0.00
165.00	4.90	3.08	0.00	420.00	4.90	3.08	0.00
170.00	4.90	3.08	0.00	425.00	4.90	3.08	0.00
175.00	4.90	3.08	0.00	430.00	4.90	3.08	0.00
180.00	4.90	3.08	0.00	435.00	4.90	3.08	0.00
185.00	4.90	3.08	0.00	440.00	4.90	3.08	0.00
190.00	4.90	3.08	0.00	445.00	4.90	3.08	0.00
195.00	4.90	3.08	0.00	450.00	4.90	3.08	0.00
200.00	4.90	3.08	0.00	455.00	4.90	3.08	0.00
205.00	4.90	3.08	0.00	460.00	4.90	3.08	0.00
210.00	4.90	3.08	0.00	465.00	4.90	3.08	0.00
215.00	4.90	3.08	0.00	470.00	4.90	3.08	0.00
220.00	4.90	3.08	0.00	475.00	4.90	3.08	0.00
225.00	4.90	3.08	0.00	480.00	4.90	3.08	0.00
230.00	4.90	3.08	0.00	485.00	4.90	3.08	0.00
235.00	4.90	3.08	0.00	490.00	4.90	3.08	0.00
240.00	4.90	3.08	0.00	495.00	4.90	3.08	0.00
245.00	4.90	3.08	0.00	500.00	4.90	3.08	0.00
250.00	4.90	3.08	0.00				
255.00	4.90	3.08	0.00				

Summary for Subcatchment 3Z: Post 3Z - Offsite

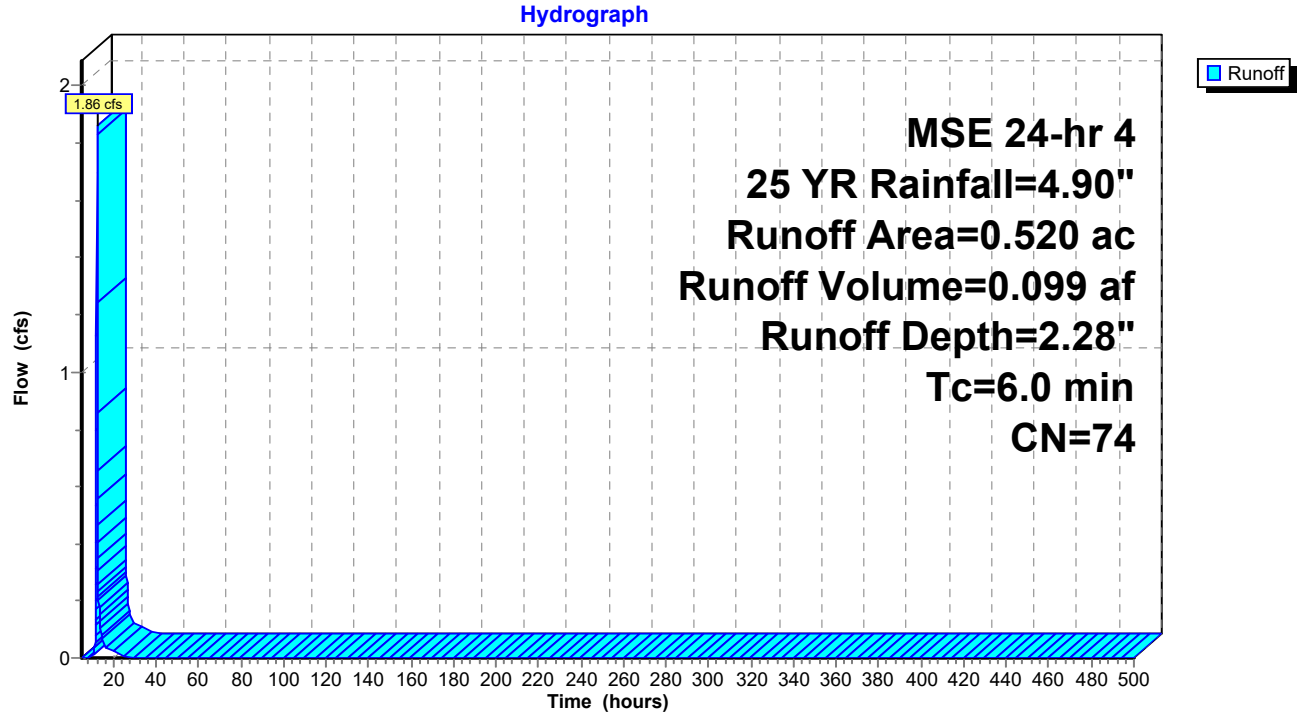
Runoff = 1.86 cfs @ 12.13 hrs, Volume= 0.099 af, Depth= 2.28"
Routed to Link 4L : Post - North

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 25 YR Rainfall=4.90"

	Area (ac)	CN	Description
*	0.000	98	Impervious
*	0.000	61	Post - B Soils
*	0.520	74	Post - C Soils
	0.520	74	Weighted Average
	0.520		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3Z: Post 3Z - Offsite



Hydrograph for Subcatchment 3Z: Post 3Z - Offsite

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.22	0.00	0.00	260.00	4.90	2.28	0.00
10.00	0.78	0.00	**0.00**	265.00	4.90	2.28	0.00
15.00	4.31	1.83	**0.07**	270.00	4.90	2.28	0.00
20.00	**4.74**	**2.16**	0.03	275.00	4.90	2.28	0.00
25.00	**4.90**	**2.28**	0.00	280.00	4.90	2.28	0.00
30.00	4.90	2.28	0.00	285.00	4.90	2.28	0.00
35.00	4.90	2.28	0.00	290.00	4.90	2.28	0.00
40.00	4.90	2.28	0.00	295.00	4.90	2.28	0.00
45.00	4.90	2.28	0.00	300.00	4.90	2.28	0.00
50.00	4.90	2.28	0.00	305.00	4.90	2.28	0.00
55.00	4.90	2.28	0.00	310.00	4.90	2.28	0.00
60.00	4.90	2.28	0.00	315.00	4.90	2.28	0.00
65.00	4.90	2.28	0.00	320.00	4.90	2.28	0.00
70.00	4.90	2.28	0.00	325.00	4.90	2.28	0.00
75.00	4.90	2.28	0.00	330.00	4.90	2.28	0.00
80.00	4.90	2.28	0.00	335.00	4.90	2.28	0.00
85.00	4.90	2.28	0.00	340.00	4.90	2.28	0.00
90.00	4.90	2.28	0.00	345.00	4.90	2.28	0.00
95.00	4.90	2.28	0.00	350.00	4.90	2.28	0.00
100.00	4.90	2.28	0.00	355.00	4.90	2.28	0.00
105.00	4.90	2.28	0.00	360.00	4.90	2.28	0.00
110.00	4.90	2.28	0.00	365.00	4.90	2.28	0.00
115.00	4.90	2.28	0.00	370.00	4.90	2.28	0.00
120.00	4.90	2.28	0.00	375.00	4.90	2.28	0.00
125.00	4.90	2.28	0.00	380.00	4.90	2.28	0.00
130.00	4.90	2.28	0.00	385.00	4.90	2.28	0.00
135.00	4.90	2.28	0.00	390.00	4.90	2.28	0.00
140.00	4.90	2.28	0.00	395.00	4.90	2.28	0.00
145.00	4.90	2.28	0.00	400.00	4.90	2.28	0.00
150.00	4.90	2.28	0.00	405.00	4.90	2.28	0.00
155.00	4.90	2.28	0.00	410.00	4.90	2.28	0.00
160.00	4.90	2.28	0.00	415.00	4.90	2.28	0.00
165.00	4.90	2.28	0.00	420.00	4.90	2.28	0.00
170.00	4.90	2.28	0.00	425.00	4.90	2.28	0.00
175.00	4.90	2.28	0.00	430.00	4.90	2.28	0.00
180.00	4.90	2.28	0.00	435.00	4.90	2.28	0.00
185.00	4.90	2.28	0.00	440.00	4.90	2.28	0.00
190.00	4.90	2.28	0.00	445.00	4.90	2.28	0.00
195.00	4.90	2.28	0.00	450.00	4.90	2.28	0.00
200.00	4.90	2.28	0.00	455.00	4.90	2.28	0.00
205.00	4.90	2.28	0.00	460.00	4.90	2.28	0.00
210.00	4.90	2.28	0.00	465.00	4.90	2.28	0.00
215.00	4.90	2.28	0.00	470.00	4.90	2.28	0.00
220.00	4.90	2.28	0.00	475.00	4.90	2.28	0.00
225.00	4.90	2.28	0.00	480.00	4.90	2.28	0.00
230.00	4.90	2.28	0.00	485.00	4.90	2.28	0.00
235.00	4.90	2.28	0.00	490.00	4.90	2.28	0.00
240.00	4.90	2.28	0.00	495.00	4.90	2.28	0.00
245.00	4.90	2.28	0.00	500.00	4.90	2.28	0.00
250.00	4.90	2.28	0.00				
255.00	4.90	2.28	0.00				

Summary for Subcatchment 5S: Culvert 1

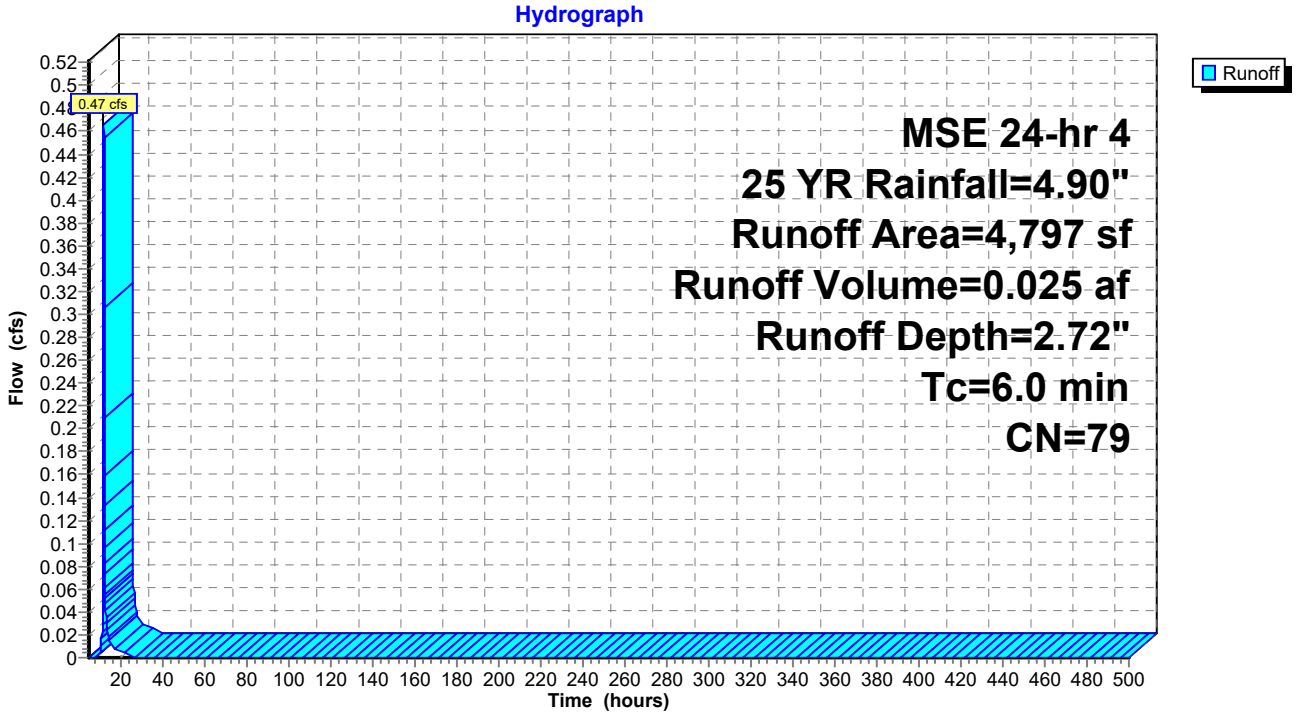
Runoff = 0.47 cfs @ 12.13 hrs, Volume= 0.025 af, Depth= 2.72"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 25 YR Rainfall=4.90"

	Area (sf)	CN	Description
*	2,465	61	Post - B Soils
*	2,332	98	Impervious
	4,797	79	Weighted Average
	2,465		51.39% Pervious Area
	2,332		48.61% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 5S: Culvert 1



Hydrograph for Subcatchment 5S: Culvert 1

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.22	0.00	0.00	260.00	4.90	2.72	0.00
10.00	0.78	0.02	**0.00**	265.00	4.90	2.72	0.00
15.00	4.31	2.22	**0.02**	270.00	4.90	2.72	0.00
20.00	**4.74**	**2.58**	0.01	275.00	4.90	2.72	0.00
25.00	**4.90**	**2.72**	0.00	280.00	4.90	2.72	0.00
30.00	4.90	2.72	0.00	285.00	4.90	2.72	0.00
35.00	4.90	2.72	0.00	290.00	4.90	2.72	0.00
40.00	4.90	2.72	0.00	295.00	4.90	2.72	0.00
45.00	4.90	2.72	0.00	300.00	4.90	2.72	0.00
50.00	4.90	2.72	0.00	305.00	4.90	2.72	0.00
55.00	4.90	2.72	0.00	310.00	4.90	2.72	0.00
60.00	4.90	2.72	0.00	315.00	4.90	2.72	0.00
65.00	4.90	2.72	0.00	320.00	4.90	2.72	0.00
70.00	4.90	2.72	0.00	325.00	4.90	2.72	0.00
75.00	4.90	2.72	0.00	330.00	4.90	2.72	0.00
80.00	4.90	2.72	0.00	335.00	4.90	2.72	0.00
85.00	4.90	2.72	0.00	340.00	4.90	2.72	0.00
90.00	4.90	2.72	0.00	345.00	4.90	2.72	0.00
95.00	4.90	2.72	0.00	350.00	4.90	2.72	0.00
100.00	4.90	2.72	0.00	355.00	4.90	2.72	0.00
105.00	4.90	2.72	0.00	360.00	4.90	2.72	0.00
110.00	4.90	2.72	0.00	365.00	4.90	2.72	0.00
115.00	4.90	2.72	0.00	370.00	4.90	2.72	0.00
120.00	4.90	2.72	0.00	375.00	4.90	2.72	0.00
125.00	4.90	2.72	0.00	380.00	4.90	2.72	0.00
130.00	4.90	2.72	0.00	385.00	4.90	2.72	0.00
135.00	4.90	2.72	0.00	390.00	4.90	2.72	0.00
140.00	4.90	2.72	0.00	395.00	4.90	2.72	0.00
145.00	4.90	2.72	0.00	400.00	4.90	2.72	0.00
150.00	4.90	2.72	0.00	405.00	4.90	2.72	0.00
155.00	4.90	2.72	0.00	410.00	4.90	2.72	0.00
160.00	4.90	2.72	0.00	415.00	4.90	2.72	0.00
165.00	4.90	2.72	0.00	420.00	4.90	2.72	0.00
170.00	4.90	2.72	0.00	425.00	4.90	2.72	0.00
175.00	4.90	2.72	0.00	430.00	4.90	2.72	0.00
180.00	4.90	2.72	0.00	435.00	4.90	2.72	0.00
185.00	4.90	2.72	0.00	440.00	4.90	2.72	0.00
190.00	4.90	2.72	0.00	445.00	4.90	2.72	0.00
195.00	4.90	2.72	0.00	450.00	4.90	2.72	0.00
200.00	4.90	2.72	0.00	455.00	4.90	2.72	0.00
205.00	4.90	2.72	0.00	460.00	4.90	2.72	0.00
210.00	4.90	2.72	0.00	465.00	4.90	2.72	0.00
215.00	4.90	2.72	0.00	470.00	4.90	2.72	0.00
220.00	4.90	2.72	0.00	475.00	4.90	2.72	0.00
225.00	4.90	2.72	0.00	480.00	4.90	2.72	0.00
230.00	4.90	2.72	0.00	485.00	4.90	2.72	0.00
235.00	4.90	2.72	0.00	490.00	4.90	2.72	0.00
240.00	4.90	2.72	0.00	495.00	4.90	2.72	0.00
245.00	4.90	2.72	0.00	500.00	4.90	2.72	0.00
250.00	4.90	2.72	0.00				
255.00	4.90	2.72	0.00				

Summary for Subcatchment 6S: Culvert 2

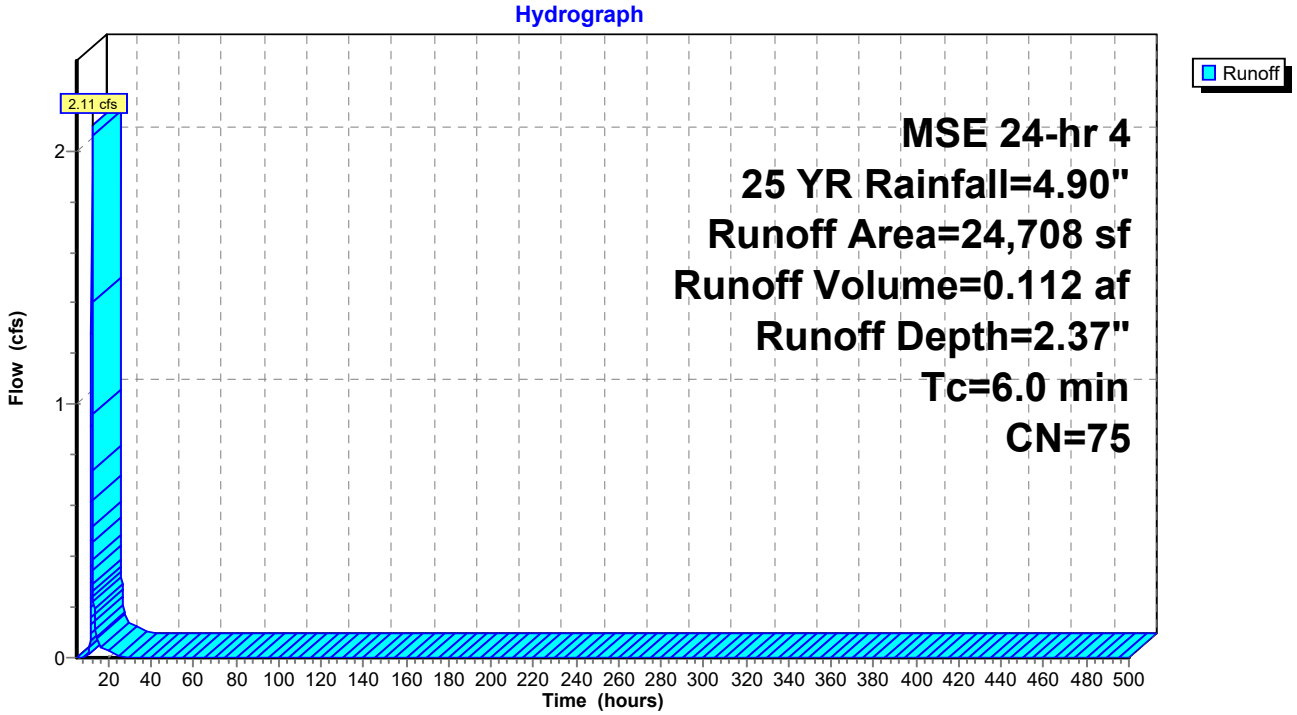
Runoff = 2.11 cfs @ 12.13 hrs, Volume= 0.112 af, Depth= 2.37"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 25 YR Rainfall=4.90"

	Area (sf)	CN	Description
*	15,597	61	Post - B Soils
*	9,111	98	Impervious
	24,708	75	Weighted Average
	15,597		63.13% Pervious Area
	9,111		36.87% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 6S: Culvert 2



Hydrograph for Subcatchment 6S: Culvert 2

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.22	0.00	0.00	260.00	4.90	2.37	0.00
10.00	0.78	0.00	**0.01**	265.00	4.90	2.37	0.00
15.00	4.31	1.90	**0.08**	270.00	4.90	2.37	0.00
20.00	**4.74**	**2.24**	0.03	275.00	4.90	2.37	0.00
25.00	**4.90**	**2.37**	0.00	280.00	4.90	2.37	0.00
30.00	4.90	2.37	0.00	285.00	4.90	2.37	0.00
35.00	4.90	2.37	0.00	290.00	4.90	2.37	0.00
40.00	4.90	2.37	0.00	295.00	4.90	2.37	0.00
45.00	4.90	2.37	0.00	300.00	4.90	2.37	0.00
50.00	4.90	2.37	0.00	305.00	4.90	2.37	0.00
55.00	4.90	2.37	0.00	310.00	4.90	2.37	0.00
60.00	4.90	2.37	0.00	315.00	4.90	2.37	0.00
65.00	4.90	2.37	0.00	320.00	4.90	2.37	0.00
70.00	4.90	2.37	0.00	325.00	4.90	2.37	0.00
75.00	4.90	2.37	0.00	330.00	4.90	2.37	0.00
80.00	4.90	2.37	0.00	335.00	4.90	2.37	0.00
85.00	4.90	2.37	0.00	340.00	4.90	2.37	0.00
90.00	4.90	2.37	0.00	345.00	4.90	2.37	0.00
95.00	4.90	2.37	0.00	350.00	4.90	2.37	0.00
100.00	4.90	2.37	0.00	355.00	4.90	2.37	0.00
105.00	4.90	2.37	0.00	360.00	4.90	2.37	0.00
110.00	4.90	2.37	0.00	365.00	4.90	2.37	0.00
115.00	4.90	2.37	0.00	370.00	4.90	2.37	0.00
120.00	4.90	2.37	0.00	375.00	4.90	2.37	0.00
125.00	4.90	2.37	0.00	380.00	4.90	2.37	0.00
130.00	4.90	2.37	0.00	385.00	4.90	2.37	0.00
135.00	4.90	2.37	0.00	390.00	4.90	2.37	0.00
140.00	4.90	2.37	0.00	395.00	4.90	2.37	0.00
145.00	4.90	2.37	0.00	400.00	4.90	2.37	0.00
150.00	4.90	2.37	0.00	405.00	4.90	2.37	0.00
155.00	4.90	2.37	0.00	410.00	4.90	2.37	0.00
160.00	4.90	2.37	0.00	415.00	4.90	2.37	0.00
165.00	4.90	2.37	0.00	420.00	4.90	2.37	0.00
170.00	4.90	2.37	0.00	425.00	4.90	2.37	0.00
175.00	4.90	2.37	0.00	430.00	4.90	2.37	0.00
180.00	4.90	2.37	0.00	435.00	4.90	2.37	0.00
185.00	4.90	2.37	0.00	440.00	4.90	2.37	0.00
190.00	4.90	2.37	0.00	445.00	4.90	2.37	0.00
195.00	4.90	2.37	0.00	450.00	4.90	2.37	0.00
200.00	4.90	2.37	0.00	455.00	4.90	2.37	0.00
205.00	4.90	2.37	0.00	460.00	4.90	2.37	0.00
210.00	4.90	2.37	0.00	465.00	4.90	2.37	0.00
215.00	4.90	2.37	0.00	470.00	4.90	2.37	0.00
220.00	4.90	2.37	0.00	475.00	4.90	2.37	0.00
225.00	4.90	2.37	0.00	480.00	4.90	2.37	0.00
230.00	4.90	2.37	0.00	485.00	4.90	2.37	0.00
235.00	4.90	2.37	0.00	490.00	4.90	2.37	0.00
240.00	4.90	2.37	0.00	495.00	4.90	2.37	0.00
245.00	4.90	2.37	0.00	500.00	4.90	2.37	0.00
250.00	4.90	2.37	0.00				
255.00	4.90	2.37	0.00				

Summary for Subcatchment 7S: Culvert 3

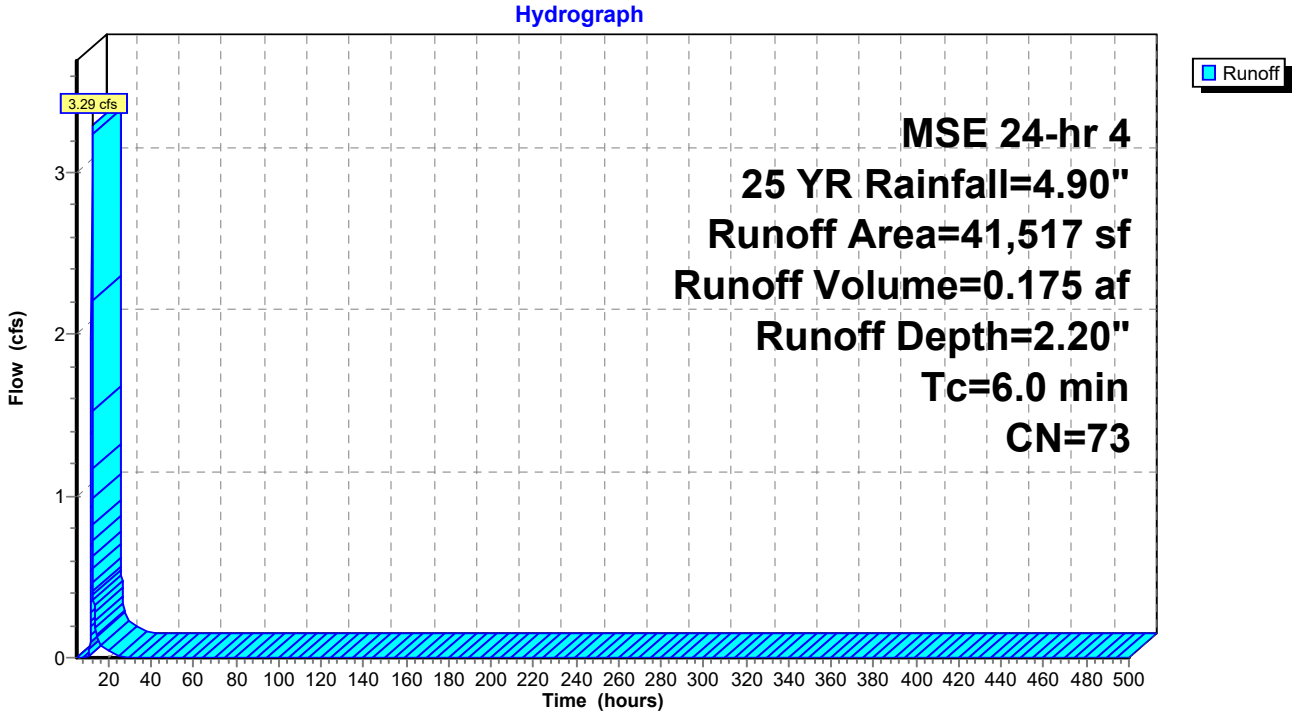
Runoff = 3.29 cfs @ 12.13 hrs, Volume= 0.175 af, Depth= 2.20"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 25 YR Rainfall=4.90"

	Area (sf)	CN	Description
*	28,233	61	Post - B Soils
*	13,284	98	Impervious
	41,517	73	Weighted Average
	28,233		68.00% Pervious Area
	13,284		32.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 7S: Culvert 3



Hydrograph for Subcatchment 7S: Culvert 3

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.22	0.00	0.00	260.00	4.90	2.20	0.00
10.00	0.78	0.00	**0.00**	265.00	4.90	2.20	0.00
15.00	4.31	1.75	**0.12**	270.00	4.90	2.20	0.00
20.00	**4.74**	**2.08**	0.05	275.00	4.90	2.20	0.00
25.00	**4.90**	**2.20**	0.00	280.00	4.90	2.20	0.00
30.00	4.90	2.20	0.00	285.00	4.90	2.20	0.00
35.00	4.90	2.20	0.00	290.00	4.90	2.20	0.00
40.00	4.90	2.20	0.00	295.00	4.90	2.20	0.00
45.00	4.90	2.20	0.00	300.00	4.90	2.20	0.00
50.00	4.90	2.20	0.00	305.00	4.90	2.20	0.00
55.00	4.90	2.20	0.00	310.00	4.90	2.20	0.00
60.00	4.90	2.20	0.00	315.00	4.90	2.20	0.00
65.00	4.90	2.20	0.00	320.00	4.90	2.20	0.00
70.00	4.90	2.20	0.00	325.00	4.90	2.20	0.00
75.00	4.90	2.20	0.00	330.00	4.90	2.20	0.00
80.00	4.90	2.20	0.00	335.00	4.90	2.20	0.00
85.00	4.90	2.20	0.00	340.00	4.90	2.20	0.00
90.00	4.90	2.20	0.00	345.00	4.90	2.20	0.00
95.00	4.90	2.20	0.00	350.00	4.90	2.20	0.00
100.00	4.90	2.20	0.00	355.00	4.90	2.20	0.00
105.00	4.90	2.20	0.00	360.00	4.90	2.20	0.00
110.00	4.90	2.20	0.00	365.00	4.90	2.20	0.00
115.00	4.90	2.20	0.00	370.00	4.90	2.20	0.00
120.00	4.90	2.20	0.00	375.00	4.90	2.20	0.00
125.00	4.90	2.20	0.00	380.00	4.90	2.20	0.00
130.00	4.90	2.20	0.00	385.00	4.90	2.20	0.00
135.00	4.90	2.20	0.00	390.00	4.90	2.20	0.00
140.00	4.90	2.20	0.00	395.00	4.90	2.20	0.00
145.00	4.90	2.20	0.00	400.00	4.90	2.20	0.00
150.00	4.90	2.20	0.00	405.00	4.90	2.20	0.00
155.00	4.90	2.20	0.00	410.00	4.90	2.20	0.00
160.00	4.90	2.20	0.00	415.00	4.90	2.20	0.00
165.00	4.90	2.20	0.00	420.00	4.90	2.20	0.00
170.00	4.90	2.20	0.00	425.00	4.90	2.20	0.00
175.00	4.90	2.20	0.00	430.00	4.90	2.20	0.00
180.00	4.90	2.20	0.00	435.00	4.90	2.20	0.00
185.00	4.90	2.20	0.00	440.00	4.90	2.20	0.00
190.00	4.90	2.20	0.00	445.00	4.90	2.20	0.00
195.00	4.90	2.20	0.00	450.00	4.90	2.20	0.00
200.00	4.90	2.20	0.00	455.00	4.90	2.20	0.00
205.00	4.90	2.20	0.00	460.00	4.90	2.20	0.00
210.00	4.90	2.20	0.00	465.00	4.90	2.20	0.00
215.00	4.90	2.20	0.00	470.00	4.90	2.20	0.00
220.00	4.90	2.20	0.00	475.00	4.90	2.20	0.00
225.00	4.90	2.20	0.00	480.00	4.90	2.20	0.00
230.00	4.90	2.20	0.00	485.00	4.90	2.20	0.00
235.00	4.90	2.20	0.00	490.00	4.90	2.20	0.00
240.00	4.90	2.20	0.00	495.00	4.90	2.20	0.00
245.00	4.90	2.20	0.00	500.00	4.90	2.20	0.00
250.00	4.90	2.20	0.00				
255.00	4.90	2.20	0.00				

Summary for Subcatchment 8S: Culvert 4

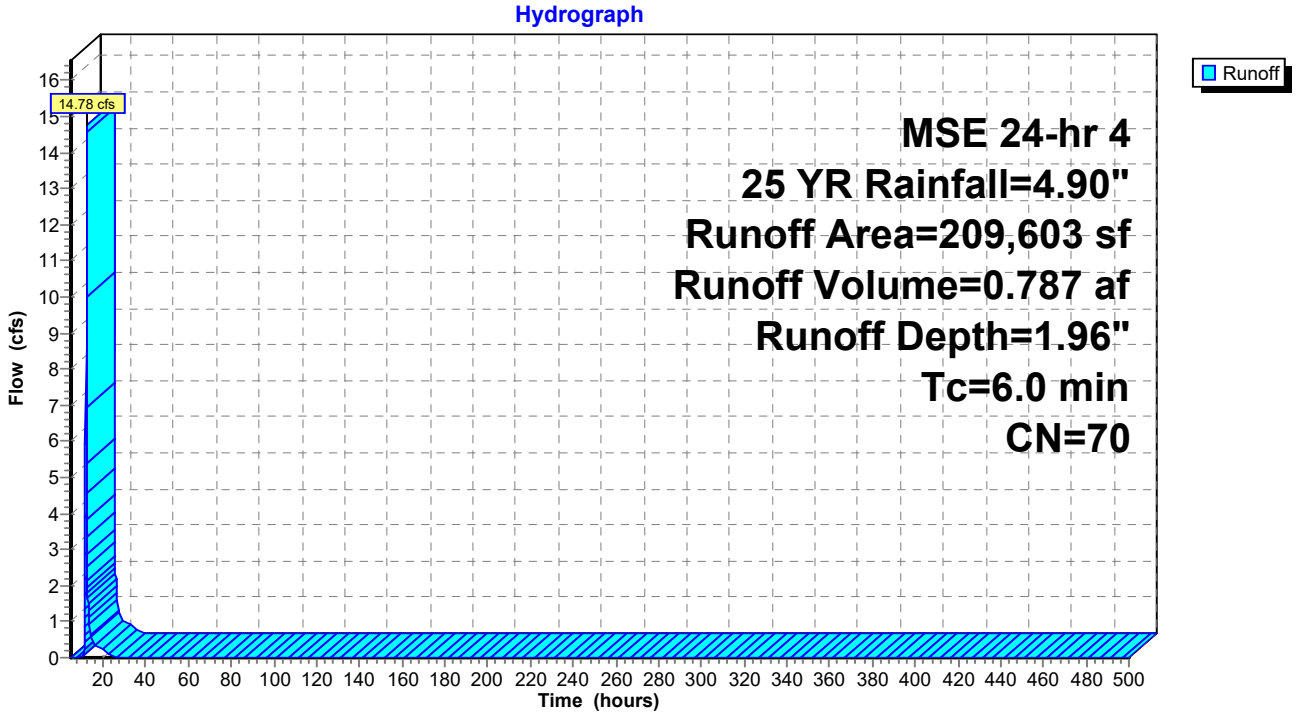
Runoff = 14.78 cfs @ 12.14 hrs, Volume= 0.787 af, Depth= 1.96"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 25 YR Rainfall=4.90"

	Area (sf)	CN	Description
*	156,823	61	Post - B Soils
*	52,780	98	Impervious
	209,603	70	Weighted Average
	156,823		74.82% Pervious Area
	52,780		25.18% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 8S: Culvert 4



Hydrograph for Subcatchment 8S: Culvert 4

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.22	0.00	0.00	260.00	4.90	1.96	0.00
10.00	0.78	0.00	**0.00**	265.00	4.90	1.96	0.00
15.00	4.31	1.54	**0.58**	270.00	4.90	1.96	0.00
20.00	**4.74**	**1.85**	0.22	275.00	4.90	1.96	0.00
25.00	**4.90**	**1.96**	0.00	280.00	4.90	1.96	0.00
30.00	4.90	1.96	0.00	285.00	4.90	1.96	0.00
35.00	4.90	1.96	0.00	290.00	4.90	1.96	0.00
40.00	4.90	1.96	0.00	295.00	4.90	1.96	0.00
45.00	4.90	1.96	0.00	300.00	4.90	1.96	0.00
50.00	4.90	1.96	0.00	305.00	4.90	1.96	0.00
55.00	4.90	1.96	0.00	310.00	4.90	1.96	0.00
60.00	4.90	1.96	0.00	315.00	4.90	1.96	0.00
65.00	4.90	1.96	0.00	320.00	4.90	1.96	0.00
70.00	4.90	1.96	0.00	325.00	4.90	1.96	0.00
75.00	4.90	1.96	0.00	330.00	4.90	1.96	0.00
80.00	4.90	1.96	0.00	335.00	4.90	1.96	0.00
85.00	4.90	1.96	0.00	340.00	4.90	1.96	0.00
90.00	4.90	1.96	0.00	345.00	4.90	1.96	0.00
95.00	4.90	1.96	0.00	350.00	4.90	1.96	0.00
100.00	4.90	1.96	0.00	355.00	4.90	1.96	0.00
105.00	4.90	1.96	0.00	360.00	4.90	1.96	0.00
110.00	4.90	1.96	0.00	365.00	4.90	1.96	0.00
115.00	4.90	1.96	0.00	370.00	4.90	1.96	0.00
120.00	4.90	1.96	0.00	375.00	4.90	1.96	0.00
125.00	4.90	1.96	0.00	380.00	4.90	1.96	0.00
130.00	4.90	1.96	0.00	385.00	4.90	1.96	0.00
135.00	4.90	1.96	0.00	390.00	4.90	1.96	0.00
140.00	4.90	1.96	0.00	395.00	4.90	1.96	0.00
145.00	4.90	1.96	0.00	400.00	4.90	1.96	0.00
150.00	4.90	1.96	0.00	405.00	4.90	1.96	0.00
155.00	4.90	1.96	0.00	410.00	4.90	1.96	0.00
160.00	4.90	1.96	0.00	415.00	4.90	1.96	0.00
165.00	4.90	1.96	0.00	420.00	4.90	1.96	0.00
170.00	4.90	1.96	0.00	425.00	4.90	1.96	0.00
175.00	4.90	1.96	0.00	430.00	4.90	1.96	0.00
180.00	4.90	1.96	0.00	435.00	4.90	1.96	0.00
185.00	4.90	1.96	0.00	440.00	4.90	1.96	0.00
190.00	4.90	1.96	0.00	445.00	4.90	1.96	0.00
195.00	4.90	1.96	0.00	450.00	4.90	1.96	0.00
200.00	4.90	1.96	0.00	455.00	4.90	1.96	0.00
205.00	4.90	1.96	0.00	460.00	4.90	1.96	0.00
210.00	4.90	1.96	0.00	465.00	4.90	1.96	0.00
215.00	4.90	1.96	0.00	470.00	4.90	1.96	0.00
220.00	4.90	1.96	0.00	475.00	4.90	1.96	0.00
225.00	4.90	1.96	0.00	480.00	4.90	1.96	0.00
230.00	4.90	1.96	0.00	485.00	4.90	1.96	0.00
235.00	4.90	1.96	0.00	490.00	4.90	1.96	0.00
240.00	4.90	1.96	0.00	495.00	4.90	1.96	0.00
245.00	4.90	1.96	0.00	500.00	4.90	1.96	0.00
250.00	4.90	1.96	0.00				
255.00	4.90	1.96	0.00				

Summary for Subcatchment 9S: Culvert 5

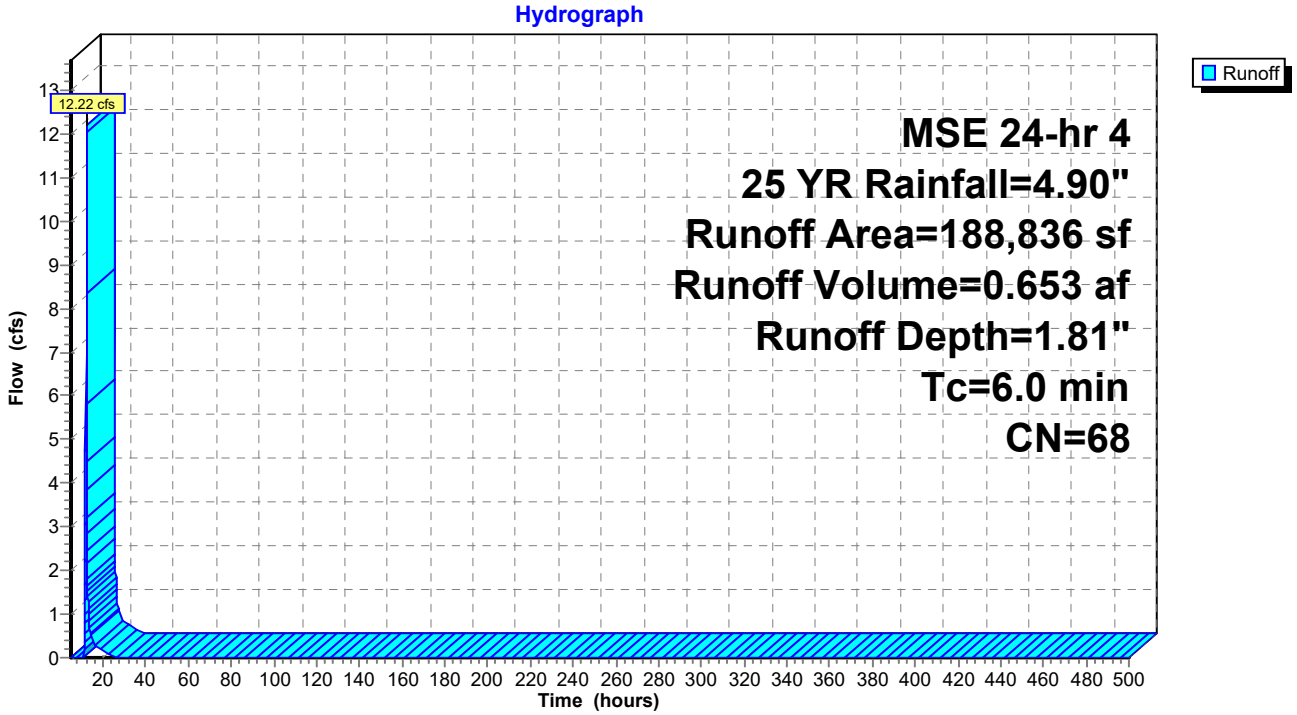
Runoff = 12.22 cfs @ 12.14 hrs, Volume= 0.653 af, Depth= 1.81"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 25 YR Rainfall=4.90"

	Area (sf)	CN	Description
*	151,149	61	Post - B Soils
*	37,687	98	Impervious
	188,836	68	Weighted Average
	151,149		80.04% Pervious Area
	37,687		19.96% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 9S: Culvert 5



Hydrograph for Subcatchment 9S: Culvert 5

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.22	0.00	0.00	260.00	4.90	1.81	0.00
10.00	0.78	0.00	**0.00**	265.00	4.90	1.81	0.00
15.00	4.31	1.40	**0.50**	270.00	4.90	1.81	0.00
20.00	**4.74**	**1.70**	0.19	275.00	4.90	1.81	0.00
25.00	**4.90**	**1.81**	0.00	280.00	4.90	1.81	0.00
30.00	4.90	1.81	0.00	285.00	4.90	1.81	0.00
35.00	4.90	1.81	0.00	290.00	4.90	1.81	0.00
40.00	4.90	1.81	0.00	295.00	4.90	1.81	0.00
45.00	4.90	1.81	0.00	300.00	4.90	1.81	0.00
50.00	4.90	1.81	0.00	305.00	4.90	1.81	0.00
55.00	4.90	1.81	0.00	310.00	4.90	1.81	0.00
60.00	4.90	1.81	0.00	315.00	4.90	1.81	0.00
65.00	4.90	1.81	0.00	320.00	4.90	1.81	0.00
70.00	4.90	1.81	0.00	325.00	4.90	1.81	0.00
75.00	4.90	1.81	0.00	330.00	4.90	1.81	0.00
80.00	4.90	1.81	0.00	335.00	4.90	1.81	0.00
85.00	4.90	1.81	0.00	340.00	4.90	1.81	0.00
90.00	4.90	1.81	0.00	345.00	4.90	1.81	0.00
95.00	4.90	1.81	0.00	350.00	4.90	1.81	0.00
100.00	4.90	1.81	0.00	355.00	4.90	1.81	0.00
105.00	4.90	1.81	0.00	360.00	4.90	1.81	0.00
110.00	4.90	1.81	0.00	365.00	4.90	1.81	0.00
115.00	4.90	1.81	0.00	370.00	4.90	1.81	0.00
120.00	4.90	1.81	0.00	375.00	4.90	1.81	0.00
125.00	4.90	1.81	0.00	380.00	4.90	1.81	0.00
130.00	4.90	1.81	0.00	385.00	4.90	1.81	0.00
135.00	4.90	1.81	0.00	390.00	4.90	1.81	0.00
140.00	4.90	1.81	0.00	395.00	4.90	1.81	0.00
145.00	4.90	1.81	0.00	400.00	4.90	1.81	0.00
150.00	4.90	1.81	0.00	405.00	4.90	1.81	0.00
155.00	4.90	1.81	0.00	410.00	4.90	1.81	0.00
160.00	4.90	1.81	0.00	415.00	4.90	1.81	0.00
165.00	4.90	1.81	0.00	420.00	4.90	1.81	0.00
170.00	4.90	1.81	0.00	425.00	4.90	1.81	0.00
175.00	4.90	1.81	0.00	430.00	4.90	1.81	0.00
180.00	4.90	1.81	0.00	435.00	4.90	1.81	0.00
185.00	4.90	1.81	0.00	440.00	4.90	1.81	0.00
190.00	4.90	1.81	0.00	445.00	4.90	1.81	0.00
195.00	4.90	1.81	0.00	450.00	4.90	1.81	0.00
200.00	4.90	1.81	0.00	455.00	4.90	1.81	0.00
205.00	4.90	1.81	0.00	460.00	4.90	1.81	0.00
210.00	4.90	1.81	0.00	465.00	4.90	1.81	0.00
215.00	4.90	1.81	0.00	470.00	4.90	1.81	0.00
220.00	4.90	1.81	0.00	475.00	4.90	1.81	0.00
225.00	4.90	1.81	0.00	480.00	4.90	1.81	0.00
230.00	4.90	1.81	0.00	485.00	4.90	1.81	0.00
235.00	4.90	1.81	0.00	490.00	4.90	1.81	0.00
240.00	4.90	1.81	0.00	495.00	4.90	1.81	0.00
245.00	4.90	1.81	0.00	500.00	4.90	1.81	0.00
250.00	4.90	1.81	0.00				
255.00	4.90	1.81	0.00				

Summary for Pond P1A: Pond 1A

Inflow Area = 6.030 ac, 19.24% Impervious, Inflow Depth = 1.81" for 25 YR event
Inflow = 16.99 cfs @ 12.14 hrs, Volume= 0.909 af
Outflow = 3.60 cfs @ 12.48 hrs, Volume= 0.909 af, Atten= 79%, Lag= 20.8 min
Primary = 3.02 cfs @ 12.48 hrs, Volume= 0.440 af
Routed to Link 3L : Post - South
Secondary = 0.58 cfs @ 12.48 hrs, Volume= 0.469 af
Tertiary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,242.10' @ 12.48 hrs Surf.Area= 6,976 sf Storage= 14,669 cf

Plug-Flow detention time= 119.8 min calculated for 0.909 af (100% of inflow)
Center-of-Mass det. time= 119.8 min (956.0 - 836.2)

Volume	Invert	Avail.Storage	Storage Description
#1	1,239.00'	30,563 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

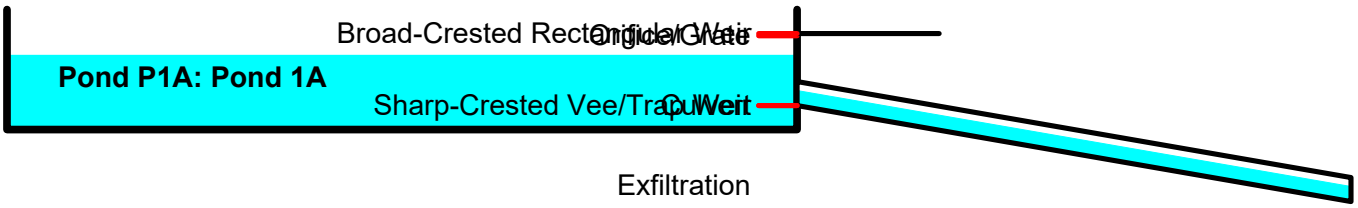
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,239.00	2,496	0	0
1,244.00	9,729	30,563	30,563

Device	Routing	Invert	Outlet Devices
#1	Primary	1,240.00'	**12.0" Round Culvert** L= 39.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,240.00' / 1,236.00' S= 0.1026 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,240.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,242.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Secondary	1,239.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,243.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

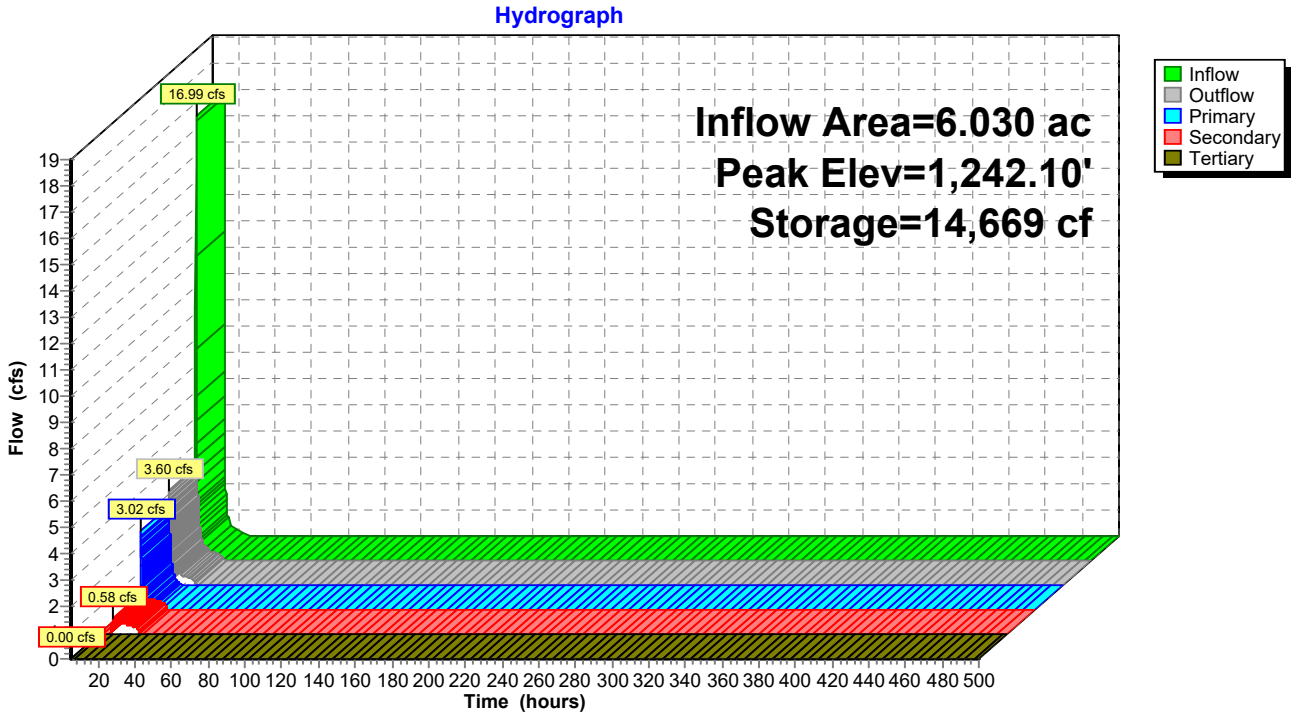
Primary OutFlow Max=3.02 cfs @ 12.48 hrs HW=1,242.10' (Free Discharge)
└**1=Culvert** (Passes 3.02 cfs of 4.78 cfs potential flow)
  ├**2=Sharp-Crested Vee/Trap Weir** (Weir Controls 3.02 cfs @ 3.89 fps)
  └**3=Orifice/Grate** (Controls 0.00 cfs)

Secondary OutFlow Max=0.58 cfs @ 12.48 hrs HW=1,242.10' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.58 cfs)

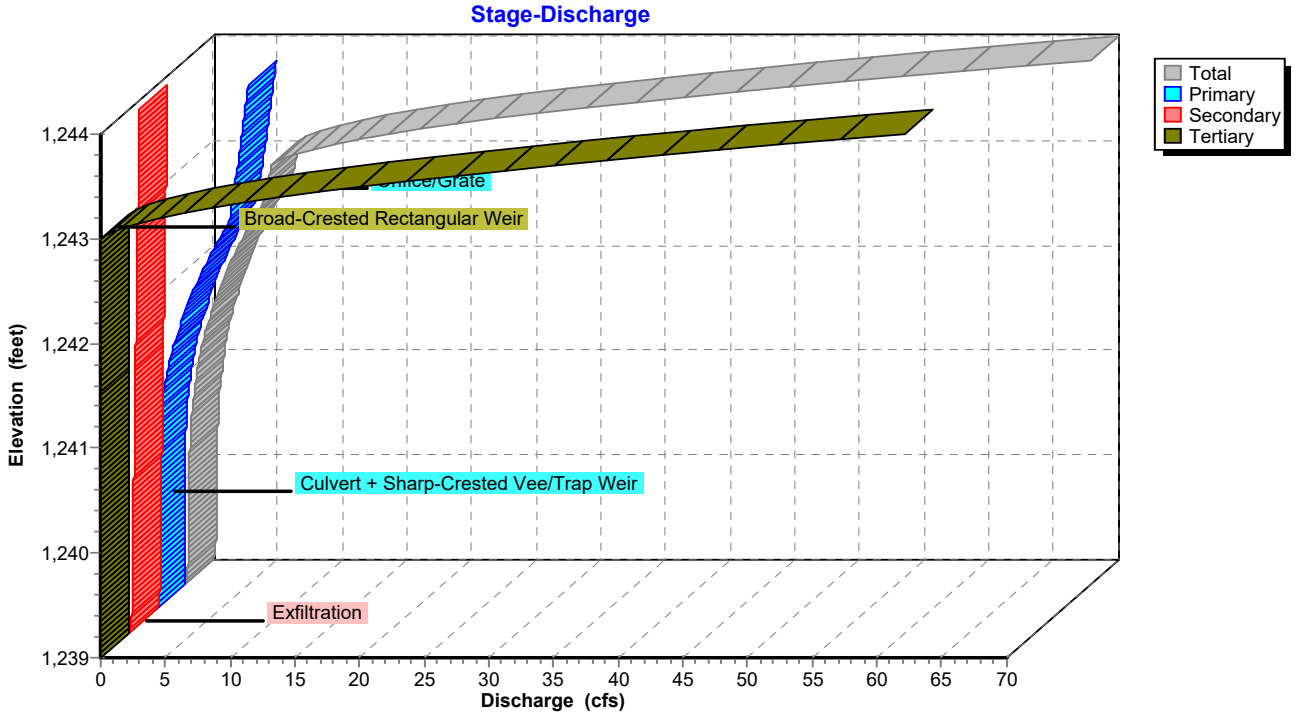
Tertiary OutFlow Max=0.00 cfs @ 5.00 hrs HW=1,239.00' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)



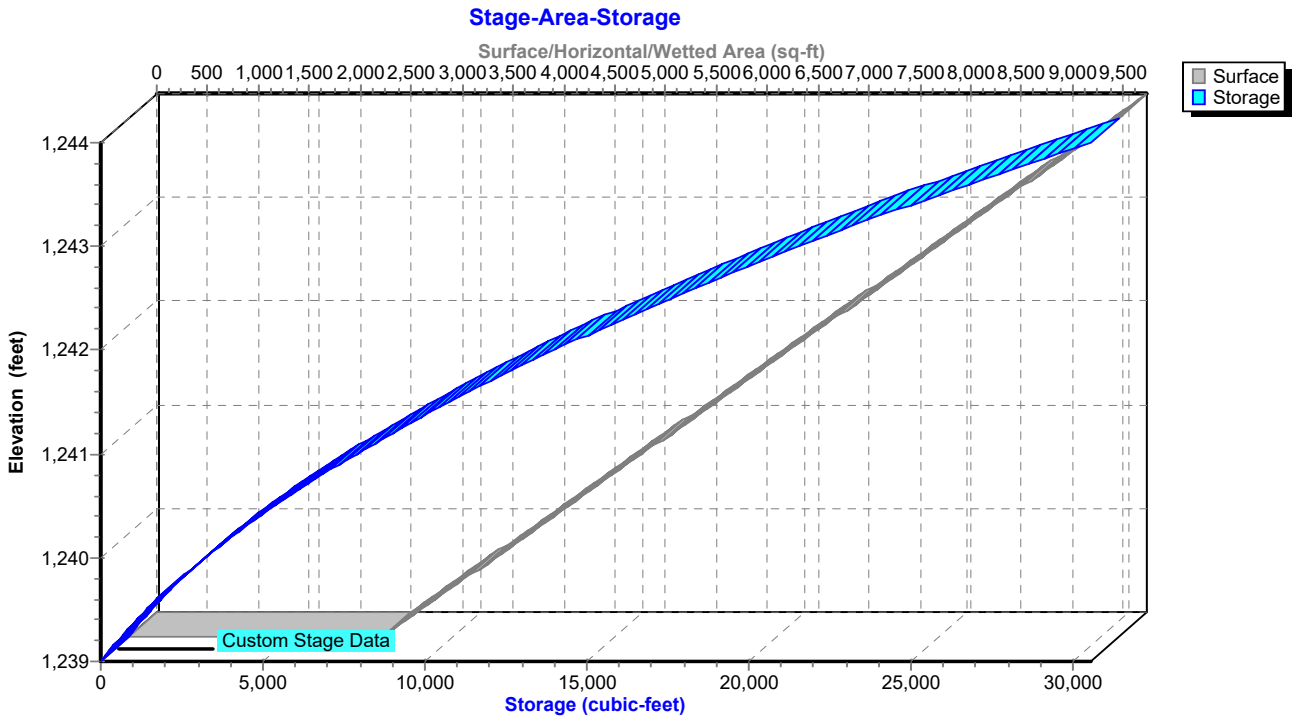
Pond P1A: Pond 1A



Pond P1A: Pond 1A



Pond P1A: Pond 1A



Hydrograph for Pond P1A: Pond 1A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,239.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**0.69**	**8,153**	**1,241.05**	**0.99**	**0.54**	**0.46**	0.00
25.00	0.00	1,163	1,239.42	0.26	0.00	0.26	0.00
35.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P1A: Pond 1A

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,239.00	0.00	0.00	0.00	0.00
1,239.10	0.22	0.00	0.22	0.00
1,239.20	0.23	0.00	0.23	0.00
1,239.30	0.24	0.00	0.24	0.00
1,239.40	0.26	0.00	0.26	0.00
1,239.50	0.27	0.00	0.27	0.00
1,239.60	0.28	0.00	0.28	0.00
1,239.70	0.29	0.00	0.29	0.00
1,239.80	0.30	0.00	0.30	0.00
1,239.90	0.32	0.00	0.32	0.00
1,240.00	0.33	0.00	0.33	0.00
1,240.10	0.34	0.00	0.34	0.00
1,240.20	0.36	0.01	0.35	0.00
1,240.30	0.39	0.02	0.36	0.00
1,240.40	0.42	0.05	0.38	0.00
1,240.50	0.47	0.08	0.39	0.00
1,240.60	0.53	0.13	0.40	0.00
1,240.70	0.61	0.19	0.41	0.00
1,240.80	0.70	0.27	0.42	0.00
1,240.90	0.80	0.36	0.44	0.00
1,241.00	0.92	0.47	0.45	0.00
1,241.10	1.06	0.60	0.46	0.00
1,241.20	1.22	0.75	0.47	0.00
1,241.30	1.40	0.91	0.49	0.00
1,241.40	1.60	1.10	0.50	0.00
1,241.50	1.82	1.31	0.51	0.00
1,241.60	2.06	1.54	0.52	0.00
1,241.70	2.32	1.79	0.53	0.00
1,241.80	2.61	2.06	0.55	0.00
1,241.90	2.92	2.36	0.56	0.00
1,242.00	3.25	2.68	0.57	0.00
1,242.10	3.61	3.03	0.58	0.00
1,242.20	4.00	3.41	0.59	0.00
1,242.30	4.41	3.81	0.61	0.00
1,242.40	4.85	4.23	0.62	0.00
1,242.50	5.32	4.69	0.63	0.00
1,242.60	5.81	5.17	0.64	0.00
1,242.70	6.26	5.61	0.65	0.00
1,242.80	6.40	5.74	0.67	0.00
1,242.90	6.54	5.86	0.68	0.00
1,243.00	6.67	5.98	0.69	0.00
1,243.10	8.40	6.10	0.70	1.60
1,243.20	11.53	6.21	0.71	4.60
1,243.30	15.75	6.33	0.73	8.70
1,243.40	20.96	6.44	0.74	13.78
1,243.50	27.39	6.55	0.75	20.08
1,243.60	34.93	6.66	0.76	27.51
1,243.70	42.64	6.76	0.77	35.10
1,243.80	51.08	6.87	0.79	43.42
1,243.90	60.22	6.97	0.80	52.45
1,244.00	**70.06**	**7.07**	**0.81**	**62.18**

Stage-Area-Storage for Pond P1A: Pond 1A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,239.00	2,496	0	1,241.55	6,185	11,068
1,239.05	2,568	127	1,241.60	6,257	11,379
1,239.10	2,641	257	1,241.65	6,329	11,694
1,239.15	2,713	391	1,241.70	6,402	12,012
1,239.20	2,785	528	1,241.75	6,474	12,334
1,239.25	2,858	669	1,241.80	6,546	12,659
1,239.30	2,930	814	1,241.85	6,619	12,989
1,239.35	3,002	962	1,241.90	6,691	13,321
1,239.40	3,075	1,114	1,241.95	6,763	13,658
1,239.45	3,147	1,270	1,242.00	6,836	13,998
1,239.50	3,219	1,429	1,242.05	6,908	14,341
1,239.55	3,292	1,592	1,242.10	6,980	14,689
1,239.60	3,364	1,758	1,242.15	7,053	15,039
1,239.65	3,436	1,928	1,242.20	7,125	15,394
1,239.70	3,509	2,102	1,242.25	7,197	15,752
1,239.75	3,581	2,279	1,242.30	7,270	16,114
1,239.80	3,653	2,460	1,242.35	7,342	16,479
1,239.85	3,726	2,644	1,242.40	7,414	16,848
1,239.90	3,798	2,832	1,242.45	7,487	17,220
1,239.95	3,870	3,024	1,242.50	7,559	17,596
1,240.00	3,943	3,219	1,242.55	7,631	17,976
1,240.05	4,015	3,418	1,242.60	7,704	18,360
1,240.10	4,087	3,621	1,242.65	7,776	18,747
1,240.15	4,160	3,827	1,242.70	7,848	19,137
1,240.20	4,232	4,037	1,242.75	7,921	19,531
1,240.25	4,304	4,250	1,242.80	7,993	19,929
1,240.30	4,377	4,467	1,242.85	8,065	20,331
1,240.35	4,449	4,688	1,242.90	8,138	20,736
1,240.40	4,521	4,912	1,242.95	8,210	21,144
1,240.45	4,594	5,140	1,243.00	8,282	21,557
1,240.50	4,666	5,371	1,243.05	8,355	21,973
1,240.55	4,738	5,607	1,243.10	8,427	22,392
1,240.60	4,811	5,845	1,243.15	8,499	22,815
1,240.65	4,883	6,088	1,243.20	8,572	23,242
1,240.70	4,955	6,334	1,243.25	8,644	23,673
1,240.75	5,028	6,583	1,243.30	8,716	24,107
1,240.80	5,100	6,836	1,243.35	8,789	24,544
1,240.85	5,172	7,093	1,243.40	8,861	24,985
1,240.90	5,245	7,354	1,243.45	8,933	25,430
1,240.95	5,317	7,618	1,243.50	9,006	25,879
1,241.00	5,389	7,885	1,243.55	9,078	26,331
1,241.05	5,462	8,156	1,243.60	9,150	26,787
1,241.10	5,534	8,431	1,243.65	9,223	27,246
1,241.15	5,606	8,710	1,243.70	9,295	27,709
1,241.20	5,679	8,992	1,243.75	9,367	28,175
1,241.25	5,751	9,278	1,243.80	9,440	28,646
1,241.30	5,823	9,567	1,243.85	9,512	29,119
1,241.35	5,896	9,860	1,243.90	9,584	29,597
1,241.40	5,968	10,157	1,243.95	9,657	30,078
1,241.45	6,040	10,457	1,244.00	**9,729**	**30,563**
1,241.50	6,113	10,761			

Summary for Pond P3A: Pond 3A

Inflow Area = 10.600 ac, 18.58% Impervious, Inflow Depth = 1.96" for 25 YR event
Inflow = 32.55 cfs @ 12.14 hrs, Volume= 1.734 af
Outflow = 6.79 cfs @ 12.48 hrs, Volume= 1.734 af, Atten= 79%, Lag= 20.6 min
Primary = 5.95 cfs @ 12.48 hrs, Volume= 0.991 af
Routed to Link 4L : Post - North
Secondary = 0.84 cfs @ 12.48 hrs, Volume= 0.743 af
Tertiary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,195.98' @ 12.48 hrs Surf.Area= 10,097 sf Storage= 28,352 cf

Plug-Flow detention time= 120.8 min calculated for 1.733 af (100% of inflow)
Center-of-Mass det. time= 120.8 min (952.6 - 831.8)

Volume	Invert	Avail.Storage	Storage Description
#1	1,192.00'	51,846 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

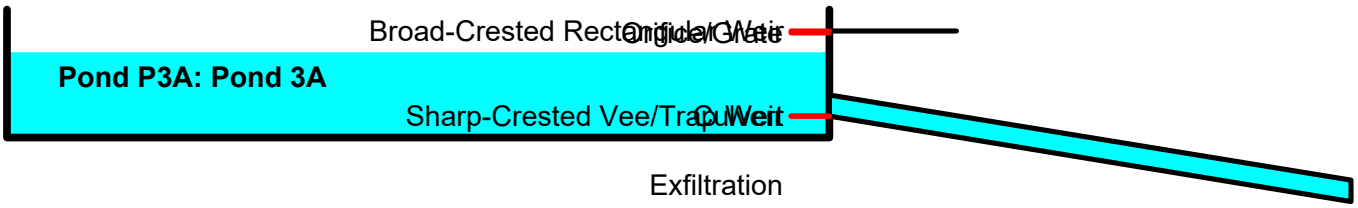
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,192.00	4,165	0	0
1,198.00	13,117	51,846	51,846

Device	Routing	Invert	Outlet Devices
#1	Primary	1,193.00'	**12.0" Round Culvert** L= 41.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,193.00' / 1,189.00' S= 0.0976 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,193.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,196.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Secondary	1,192.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,197.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

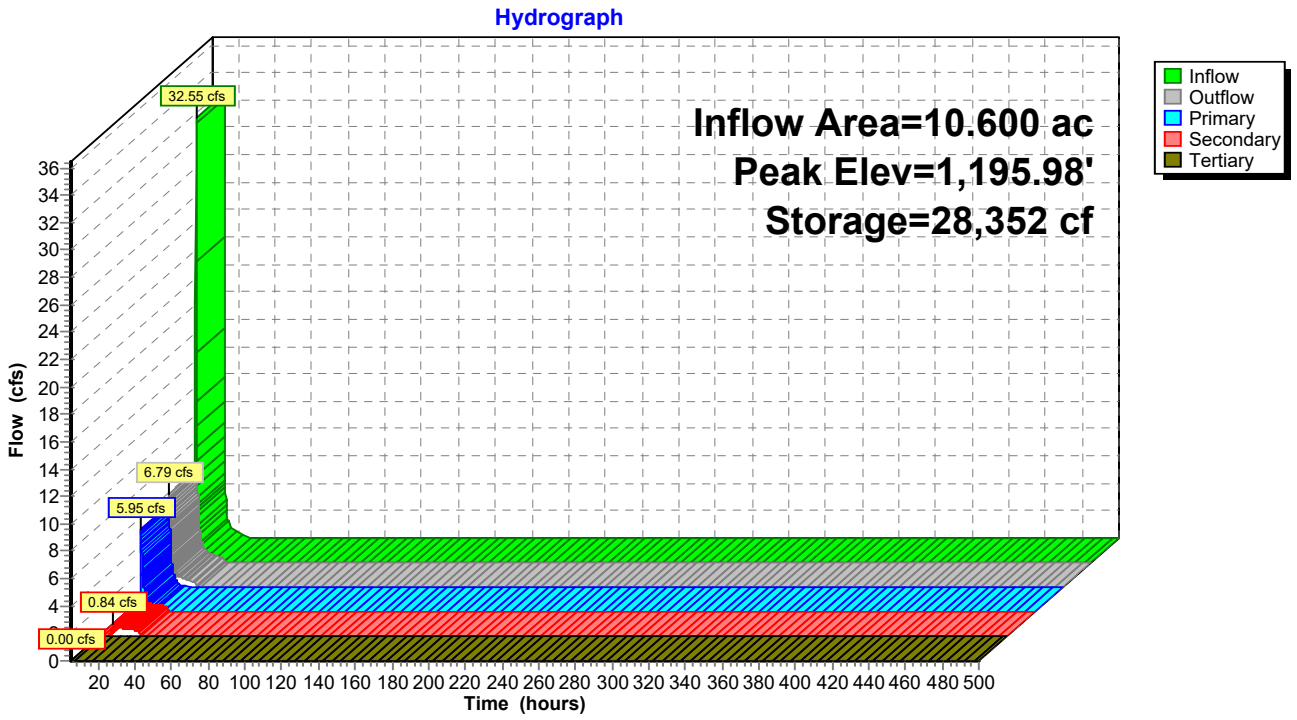
Primary OutFlow Max=5.95 cfs @ 12.48 hrs HW=1,195.97' (Free Discharge)
└**1=Culvert** (Inlet Controls 5.95 cfs @ 7.57 fps)
  ├**2=Sharp-Crested Vee/Trap Weir** (Passes 5.95 cfs of 7.23 cfs potential flow)
  └**3=Orifice/Grate** (Controls 0.00 cfs)

Secondary OutFlow Max=0.84 cfs @ 12.48 hrs HW=1,195.97' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.84 cfs)

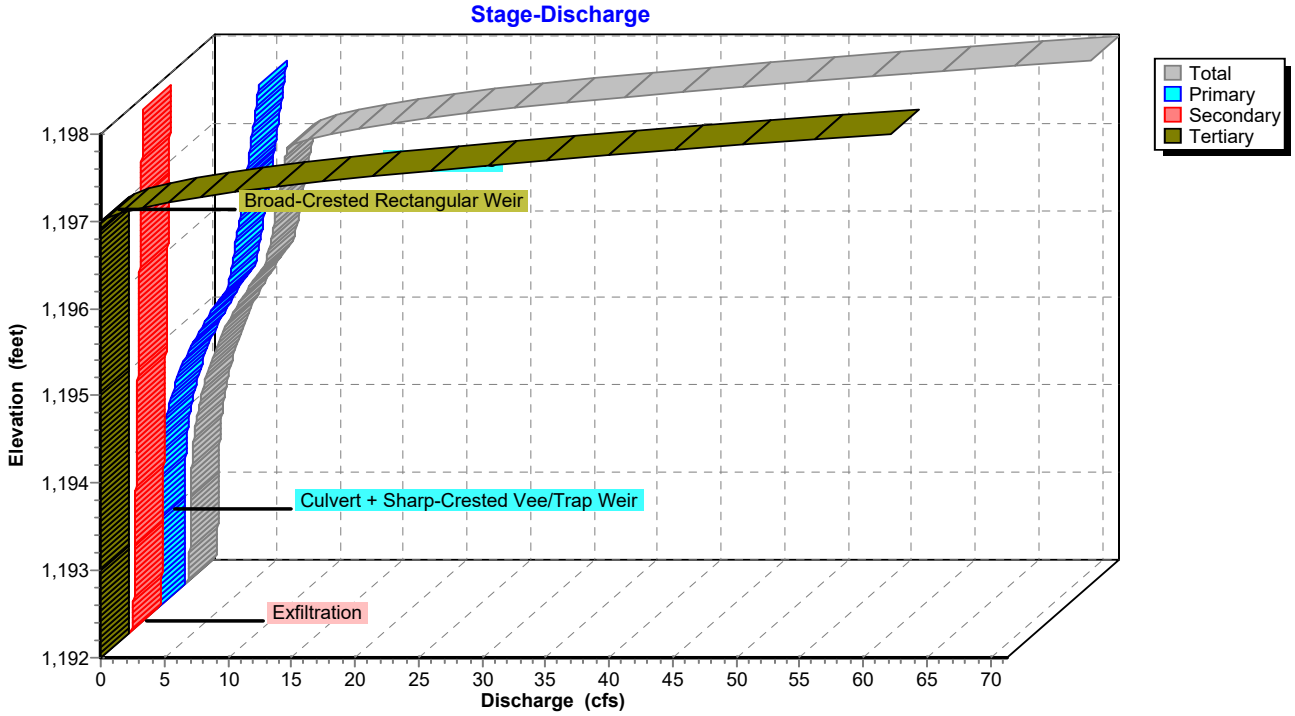
Tertiary OutFlow Max=0.00 cfs @ 5.00 hrs HW=1,192.00' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)



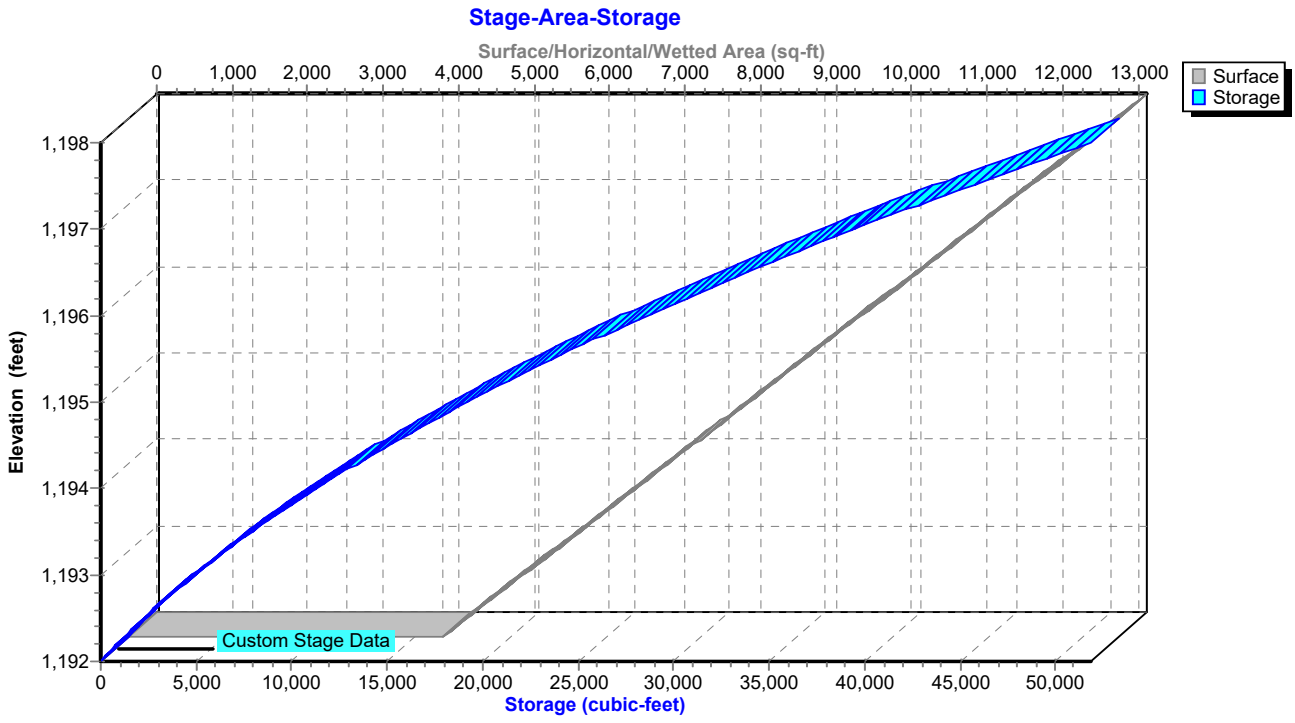
Pond P3A: Pond 3A



Pond P3A: Pond 3A



Pond P3A: Pond 3A



Hydrograph for Pond P3A: Pond 3A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,192.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**1.28**	**14,510**	**1,194.43**	**1.81**	**1.16**	**0.65**	0.00
25.00	0.00	3,460	1,192.73	0.44	0.00	0.44	0.00
35.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P3A: Pond 3A

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,192.00	0.00	0.00	0.00	0.00
1,192.20	0.37	0.00	0.37	0.00
1,192.40	0.40	0.00	0.40	0.00
1,192.60	0.42	0.00	0.42	0.00
1,192.80	0.45	0.00	0.45	0.00
1,193.00	0.47	0.00	0.47	0.00
1,193.20	0.50	0.01	0.50	0.00
1,193.40	0.57	0.05	0.52	0.00
1,193.60	0.68	0.13	0.55	0.00
1,193.80	0.84	0.27	0.57	0.00
1,194.00	1.07	0.47	0.60	0.00
1,194.20	1.37	0.75	0.62	0.00
1,194.40	1.75	1.10	0.65	0.00
1,194.60	2.21	1.54	0.67	0.00
1,194.80	2.76	2.06	0.70	0.00
1,195.00	3.40	2.68	0.72	0.00
1,195.20	4.15	3.41	0.74	0.00
1,195.40	5.00	4.23	0.77	0.00
1,195.60	5.96	5.17	0.79	0.00
1,195.80	6.55	5.74	0.82	0.00
1,196.00	6.82	5.98	0.84	0.00
1,196.20	7.08	6.21	0.87	0.00
1,196.40	7.33	6.44	0.89	0.00
1,196.60	7.58	6.66	0.92	0.00
1,196.80	7.81	6.87	0.94	0.00
1,197.00	8.04	7.07	0.97	0.00
1,197.20	12.86	7.27	0.99	4.60
1,197.40	22.27	7.47	1.02	13.78
1,197.60	36.21	7.66	1.04	27.51
1,197.80	52.33	7.84	1.07	43.42
1,198.00	**71.29**	**8.02**	**1.09**	**62.18**

Stage-Area-Storage for Pond P3A: Pond 3A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,192.00	4,165	0
1,192.10	4,314	424
1,192.20	4,463	863
1,192.30	4,613	1,317
1,192.40	4,762	1,785
1,192.50	4,911	2,269
1,192.60	5,060	2,768
1,192.70	5,209	3,281
1,192.80	5,359	3,809
1,192.90	5,508	4,353
1,193.00	5,657	4,911
1,193.10	5,806	5,484
1,193.20	5,955	6,072
1,193.30	6,105	6,675
1,193.40	6,254	7,293
1,193.50	6,403	7,926
1,193.60	6,552	8,574
1,193.70	6,701	9,236
1,193.80	6,851	9,914
1,193.90	7,000	10,607
1,194.00	7,149	11,314
1,194.10	7,298	12,036
1,194.20	7,447	12,774
1,194.30	7,597	13,526
1,194.40	7,746	14,293
1,194.50	7,895	15,075
1,194.60	8,044	15,872
1,194.70	8,193	16,684
1,194.80	8,343	17,511
1,194.90	8,492	18,352
1,195.00	8,641	19,209
1,195.10	8,790	20,081
1,195.20	8,939	20,967
1,195.30	9,089	21,868
1,195.40	9,238	22,785
1,195.50	9,387	23,716
1,195.60	9,536	24,662
1,195.70	9,685	25,623
1,195.80	9,835	26,599
1,195.90	9,984	27,590
1,196.00	10,133	28,596
1,196.10	10,282	29,617
1,196.20	10,431	30,652
1,196.30	10,581	31,703
1,196.40	10,730	32,769
1,196.50	10,879	33,849
1,196.60	11,028	34,944
1,196.70	11,177	36,055
1,196.80	11,327	37,180
1,196.90	11,476	38,320
1,197.00	11,625	39,475
1,197.10	11,774	40,645
1,197.20	11,923	41,830
1,197.30	12,073	43,030
1,197.40	12,222	44,244
1,197.50	12,371	45,474
1,197.60	12,520	46,719
1,197.70	12,669	47,978
1,197.80	12,819	49,252
1,197.90	12,968	50,542
1,198.00	**13,117**	**51,846**

Summary for Pond P3B: Pond 3B

Inflow Area = 8.450 ac, 19.88% Impervious, Inflow Depth = 2.04" for 25 YR event
Inflow = 27.03 cfs @ 12.14 hrs, Volume= 1.437 af
Outflow = 6.56 cfs @ 12.42 hrs, Volume= 1.437 af, Atten= 76%, Lag= 17.2 min
Primary = 5.81 cfs @ 12.42 hrs, Volume= 0.841 af
Routed to Link 4L : Post - North
Secondary = 0.75 cfs @ 12.42 hrs, Volume= 0.596 af
Tertiary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,198.86' @ 12.42 hrs Surf.Area= 8,968 sf Storage= 22,719 cf

Plug-Flow detention time= 107.4 min calculated for 1.437 af (100% of inflow)
Center-of-Mass det. time= 107.4 min (937.1 - 829.6)

Volume	Invert	Avail.Storage	Storage Description
#1	1,195.00'	33,965 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

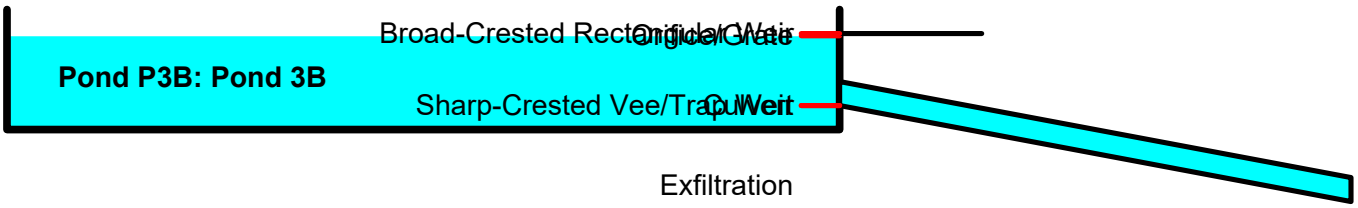
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,195.00	2,799	0	0
1,200.00	10,787	33,965	33,965

Device	Routing	Invert	Outlet Devices
#1	Primary	1,196.00'	**12.0" Round Culvert** L= 36.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,196.00' / 1,192.00' S= 0.1111 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,196.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,198.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Secondary	1,195.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,199.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

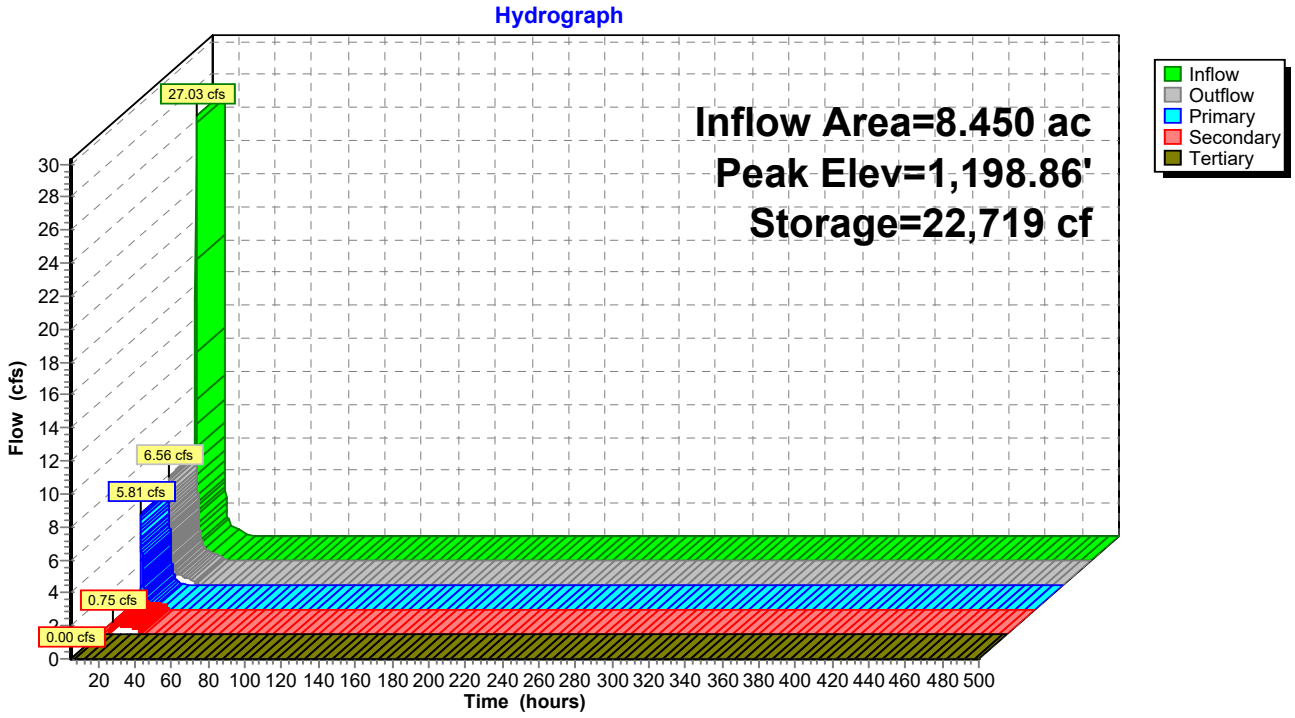
Primary OutFlow Max=5.81 cfs @ 12.42 hrs HW=1,198.86' (Free Discharge)
└**1=Culvert** (Inlet Controls 5.81 cfs @ 7.39 fps)
  ├**2=Sharp-Crested Vee/Trap Weir** (Passes 5.81 cfs of 6.55 cfs potential flow)
  └**3=Orifice/Grate** (Controls 0.00 cfs)

Secondary OutFlow Max=0.75 cfs @ 12.42 hrs HW=1,198.86' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.75 cfs)

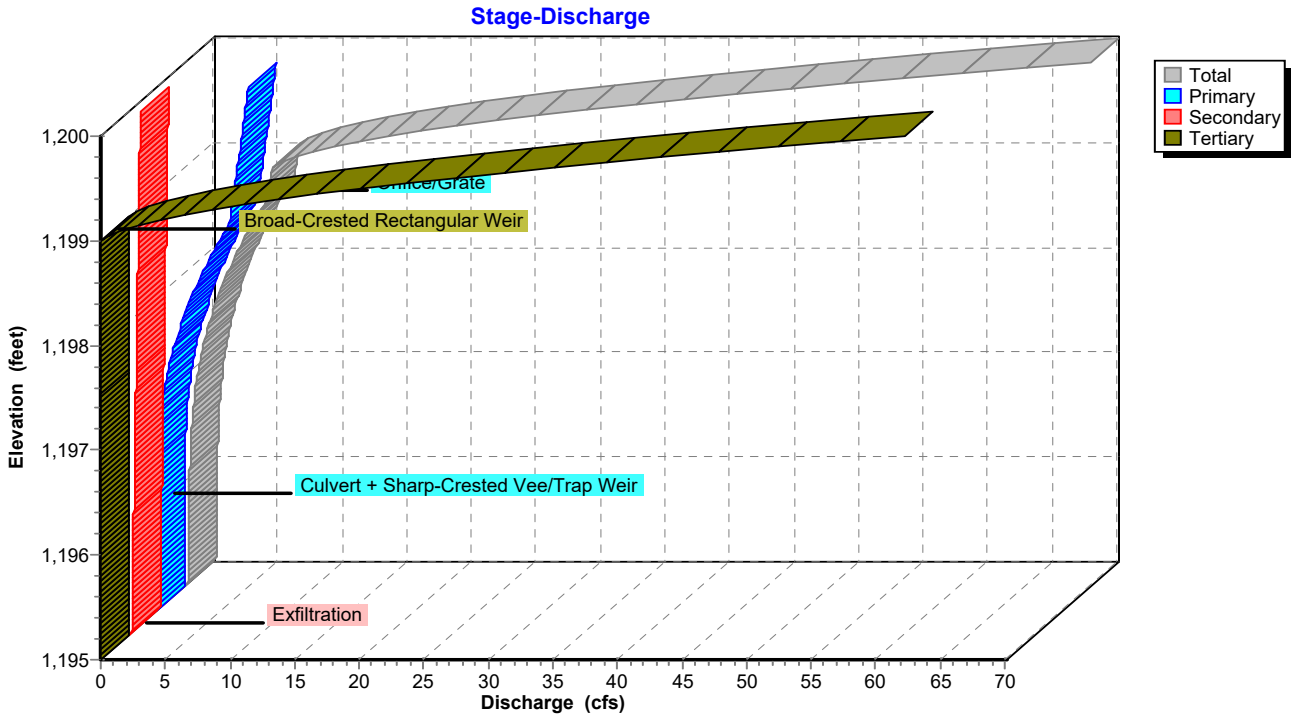
Tertiary OutFlow Max=0.00 cfs @ 5.00 hrs HW=1,195.00' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)



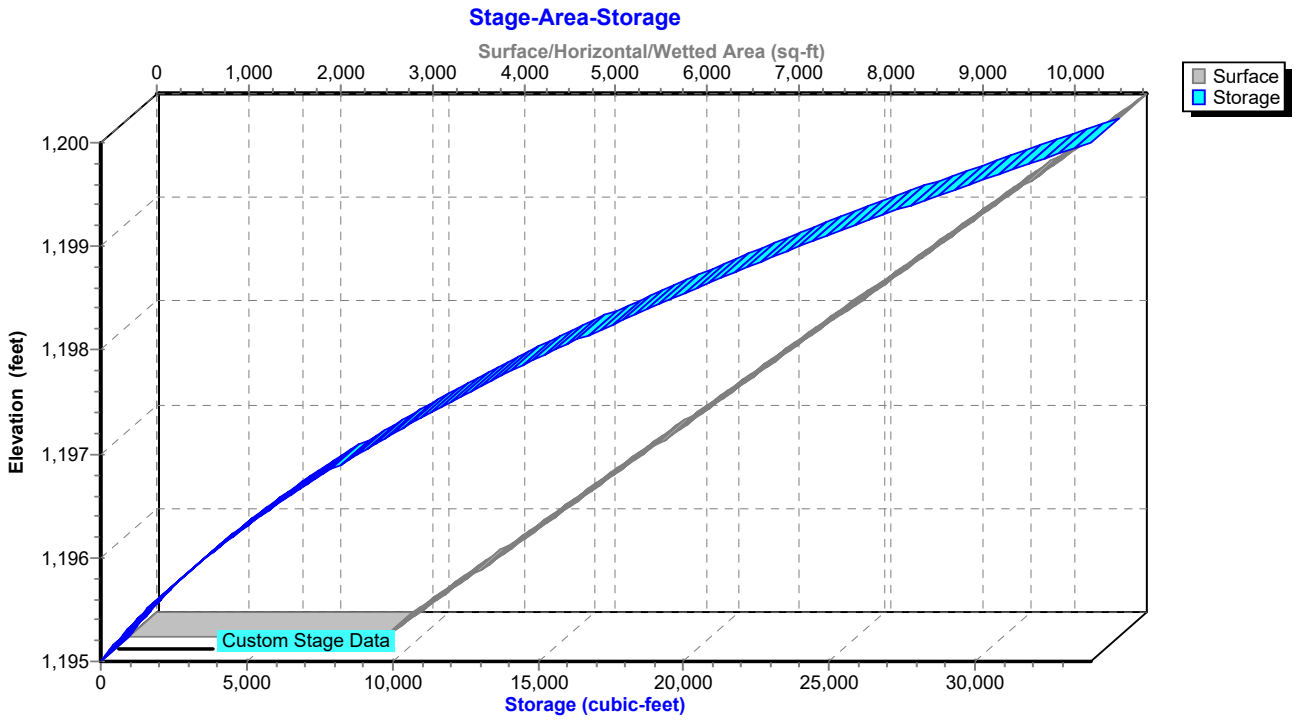
Pond P3B: Pond 3B



Pond P3B: Pond 3B



Pond P3B: Pond 3B



Hydrograph for Pond P3B: Pond 3B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,195.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**1.05**	**10,621**	**1,197.29**	**1.44**	**0.90**	**0.54**	0.00
25.00	0.00	2,354	1,195.70	0.33	0.00	0.33	0.00
35.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P3B: Pond 3B

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,195.00	0.00	0.00	0.00	0.00
1,195.10	0.25	0.00	0.25	0.00
1,195.20	0.26	0.00	0.26	0.00
1,195.30	0.27	0.00	0.27	0.00
1,195.40	0.29	0.00	0.29	0.00
1,195.50	0.30	0.00	0.30	0.00
1,195.60	0.31	0.00	0.31	0.00
1,195.70	0.33	0.00	0.33	0.00
1,195.80	0.34	0.00	0.34	0.00
1,195.90	0.35	0.00	0.35	0.00
1,196.00	0.37	0.00	0.37	0.00
1,196.10	0.38	0.00	0.38	0.00
1,196.20	0.40	0.01	0.39	0.00
1,196.30	0.43	0.02	0.41	0.00
1,196.40	0.47	0.05	0.42	0.00
1,196.50	0.52	0.08	0.43	0.00
1,196.60	0.58	0.13	0.45	0.00
1,196.70	0.65	0.19	0.46	0.00
1,196.80	0.74	0.27	0.47	0.00
1,196.90	0.85	0.36	0.49	0.00
1,197.00	0.97	0.47	0.50	0.00
1,197.10	1.11	0.60	0.51	0.00
1,197.20	1.27	0.75	0.53	0.00
1,197.30	1.45	0.91	0.54	0.00
1,197.40	1.65	1.10	0.55	0.00
1,197.50	1.87	1.31	0.57	0.00
1,197.60	2.12	1.54	0.58	0.00
1,197.70	2.38	1.79	0.59	0.00
1,197.80	2.67	2.06	0.61	0.00
1,197.90	2.98	2.36	0.62	0.00
1,198.00	3.32	2.68	0.63	0.00
1,198.10	3.68	3.03	0.65	0.00
1,198.20	4.06	3.41	0.66	0.00
1,198.30	4.48	3.81	0.67	0.00
1,198.40	4.92	4.23	0.69	0.00
1,198.50	5.39	4.69	0.70	0.00
1,198.60	5.88	5.17	0.71	0.00
1,198.70	6.33	5.61	0.73	0.00
1,198.80	6.47	5.74	0.74	0.00
1,198.90	6.61	5.86	0.75	0.00
1,199.00	6.75	5.98	0.77	0.00
1,199.10	8.48	6.10	0.78	1.60
1,199.20	11.60	6.21	0.79	4.60
1,199.30	15.83	6.33	0.81	8.70
1,199.40	21.04	6.44	0.82	13.78
1,199.50	27.47	6.55	0.83	20.08
1,199.60	35.01	6.66	0.85	27.51
1,199.70	42.73	6.76	0.86	35.10
1,199.80	51.17	6.87	0.87	43.42
1,199.90	60.31	6.97	0.89	52.45
1,200.00	**70.15**	**7.07**	**0.90**	**62.18**

Stage-Area-Storage for Pond P3B: Pond 3B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,195.00	2,799	0
1,195.05	2,879	142
1,195.10	2,959	288
1,195.15	3,039	438
1,195.20	3,119	592
1,195.25	3,198	750
1,195.30	3,278	912
1,195.35	3,358	1,078
1,195.40	3,438	1,247
1,195.45	3,518	1,421
1,195.50	3,598	1,599
1,195.55	3,678	1,781
1,195.60	3,758	1,967
1,195.65	3,837	2,157
1,195.70	3,917	2,351
1,195.75	3,997	2,549
1,195.80	4,077	2,750
1,195.85	4,157	2,956
1,195.90	4,237	3,166
1,195.95	4,317	3,380
1,196.00	4,397	3,598
1,196.05	4,476	3,820
1,196.10	4,556	4,045
1,196.15	4,636	4,275
1,196.20	4,716	4,509
1,196.25	4,796	4,747
1,196.30	4,876	4,989
1,196.35	4,956	5,234
1,196.40	5,036	5,484
1,196.45	5,116	5,738
1,196.50	5,195	5,996
1,196.55	5,275	6,258
1,196.60	5,355	6,523
1,196.65	5,435	6,793
1,196.70	5,515	7,067
1,196.75	5,595	7,345
1,196.80	5,675	7,626
1,196.85	5,755	7,912
1,196.90	5,834	8,202
1,196.95	5,914	8,495
1,197.00	5,994	8,793
1,197.05	6,074	9,095
1,197.10	6,154	9,401
1,197.15	6,234	9,710
1,197.20	6,314	10,024
1,197.25	6,394	10,342
1,197.30	6,473	10,663
1,197.35	6,553	10,989
1,197.40	6,633	11,319
1,197.45	6,713	11,652
1,197.50	6,793	11,990
1,197.55	6,873	12,332
1,197.60	6,953	12,677
1,197.65	7,033	13,027
1,197.70	7,113	13,381
1,197.75	7,192	13,738
1,197.80	7,272	14,100
1,197.85	7,352	14,465
1,197.90	7,432	14,835
1,197.95	7,512	15,209
1,198.00	7,592	15,586
1,198.05	7,672	15,968
1,198.10	7,752	16,353
1,198.15	7,831	16,743
1,198.20	7,911	17,137
1,198.25	7,991	17,534
1,198.30	8,071	17,936
1,198.35	8,151	18,341
1,198.40	8,231	18,751
1,198.45	8,311	19,164
1,198.50	8,391	19,582
1,198.55	8,470	20,003
1,198.60	8,550	20,429
1,198.65	8,630	20,858
1,198.70	8,710	21,292
1,198.75	8,790	21,729
1,198.80	8,870	22,171
1,198.85	8,950	22,616
1,198.90	9,030	23,066
1,198.95	9,110	23,519
1,199.00	9,189	23,977
1,199.05	9,269	24,438
1,199.10	9,349	24,904
1,199.15	9,429	25,373
1,199.20	9,509	25,847
1,199.25	9,589	26,324
1,199.30	9,669	26,806
1,199.35	9,749	27,291
1,199.40	9,828	27,780
1,199.45	9,908	28,274
1,199.50	9,988	28,771
1,199.55	10,068	29,273
1,199.60	10,148	29,778
1,199.65	10,228	30,287
1,199.70	10,308	30,801
1,199.75	10,388	31,318
1,199.80	10,467	31,840
1,199.85	10,547	32,365
1,199.90	10,627	32,894
1,199.95	10,707	33,428
1,200.00	**10,787**	**33,965**

Summary for Pond P3C: Pond 3C

Inflow Area = 2.490 ac, 22.89% Impervious, Inflow Depth = 2.37" for 25 YR event
Inflow = 9.25 cfs @ 12.13 hrs, Volume= 0.491 af
Outflow = 2.08 cfs @ 12.44 hrs, Volume= 0.491 af, Atten= 77%, Lag= 18.1 min
Primary = 1.72 cfs @ 12.44 hrs, Volume= 0.206 af
Routed to Link 4L : Post - North
Secondary = 0.36 cfs @ 12.44 hrs, Volume= 0.286 af
Tertiary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,180.67' @ 12.44 hrs Surf.Area= 4,321 sf Storage= 8,327 cf

Plug-Flow detention time= 116.3 min calculated for 0.491 af (100% of inflow)
Center-of-Mass det. time= 116.3 min (937.4 - 821.1)

Volume	Invert	Avail.Storage	Storage Description
#1	1,178.00'	14,846 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

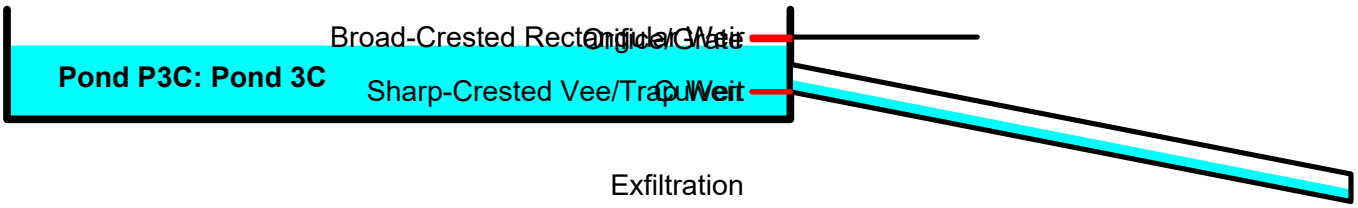
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,178.00	1,905	0	0
1,182.00	5,518	14,846	14,846

Device	Routing	Invert	Outlet Devices
#1	Primary	1,179.00'	**12.0" Round Culvert** L= 30.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,179.00' / 1,175.00' S= 0.1333 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,179.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,180.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Secondary	1,178.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,181.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

Primary OutFlow Max=1.72 cfs @ 12.44 hrs HW=1,180.67' (Free Discharge)
└**1=Culvert** (Passes 1.72 cfs of 4.10 cfs potential flow)
  ├**2=Sharp-Crested Vee/Trap Weir** (Weir Controls 1.72 cfs @ 3.48 fps)
  └**3=Orifice/Grate** (Controls 0.00 cfs)

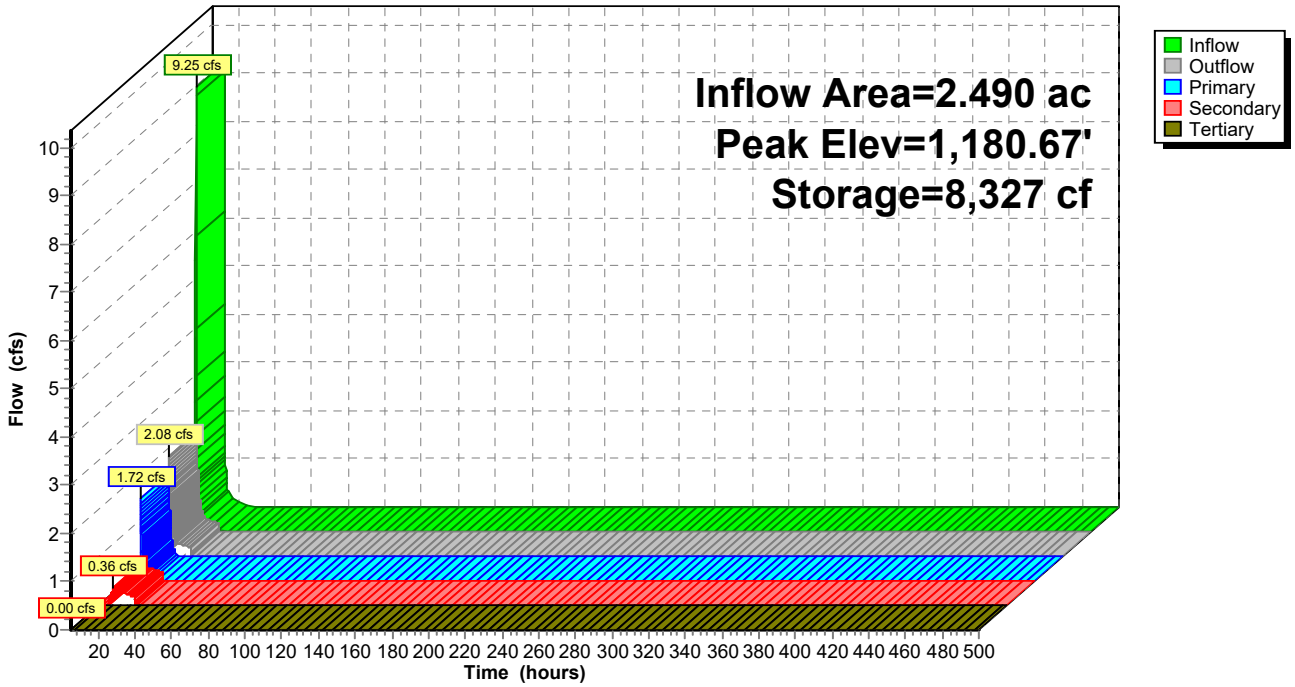
Secondary OutFlow Max=0.36 cfs @ 12.44 hrs HW=1,180.67' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.36 cfs)

Tertiary OutFlow Max=0.00 cfs @ 5.00 hrs HW=1,178.00' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)

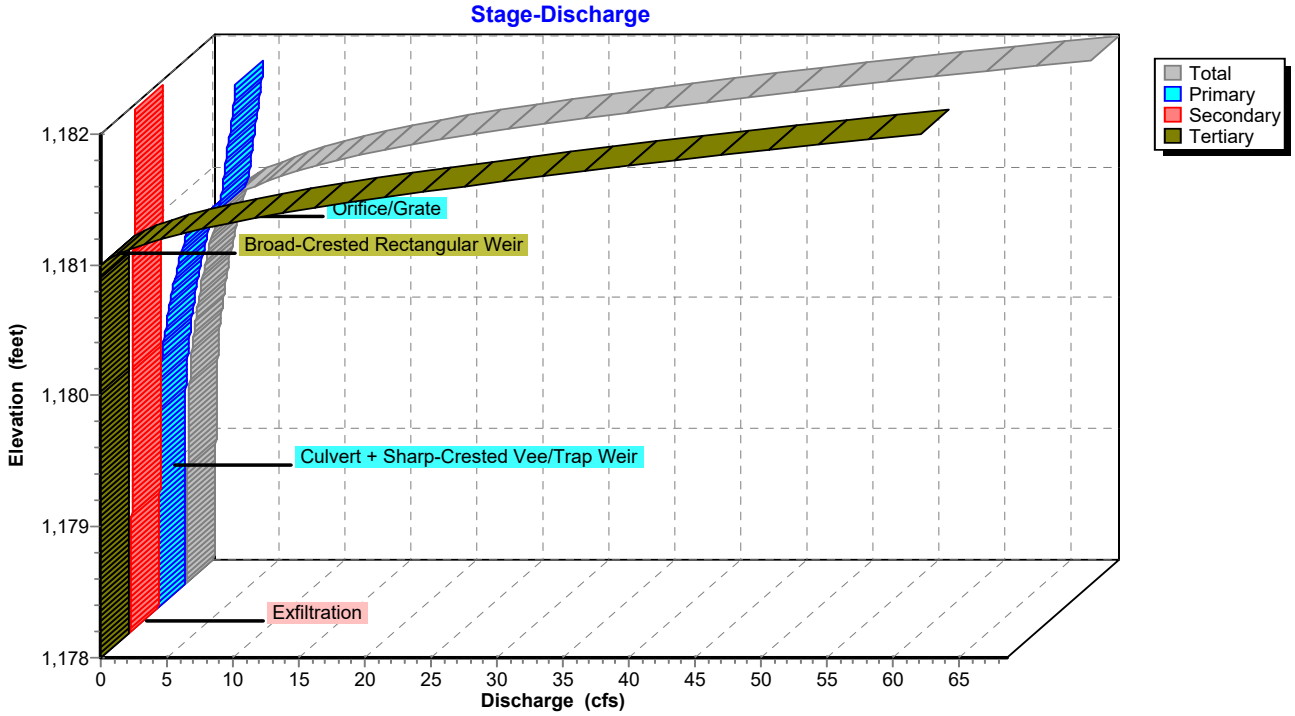


Pond P3C: Pond 3C

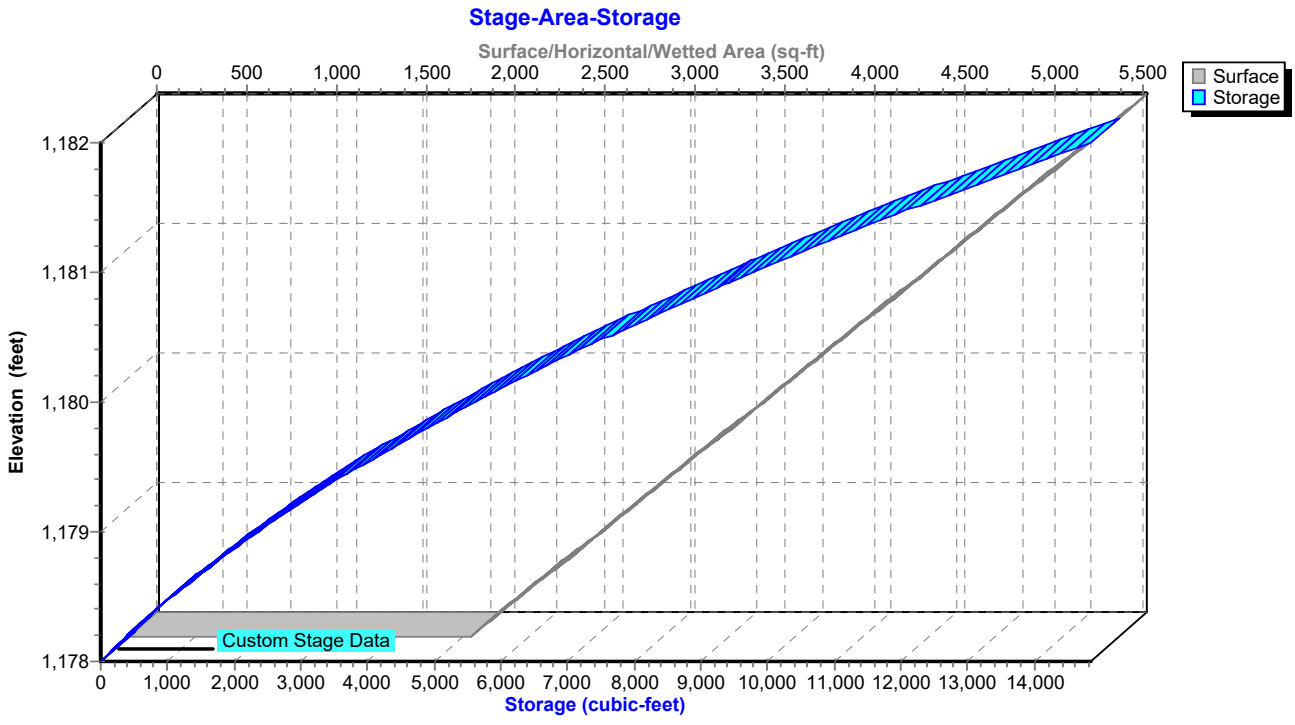
Hydrograph



Pond P3C: Pond 3C



Pond P3C: Pond 3C



Hydrograph for Pond P3C: Pond 3C

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,178.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**0.34**	**4,615**	**1,179.72**	**0.50**	**0.21**	**0.29**	0.00
25.00	0.00	9	1,178.00	0.02	0.00	0.02	0.00
35.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P3C: Pond 3C

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,178.00	0.00	0.00	0.00	0.00
1,178.10	0.17	0.00	0.17	0.00
1,178.20	0.17	0.00	0.17	0.00
1,178.30	0.18	0.00	0.18	0.00
1,178.40	0.19	0.00	0.19	0.00
1,178.50	0.20	0.00	0.20	0.00
1,178.60	0.20	0.00	0.20	0.00
1,178.70	0.21	0.00	0.21	0.00
1,178.80	0.22	0.00	0.22	0.00
1,178.90	0.23	0.00	0.23	0.00
1,179.00	0.23	0.00	0.23	0.00
1,179.10	0.24	0.00	0.24	0.00
1,179.20	0.26	0.01	0.25	0.00
1,179.30	0.28	0.02	0.26	0.00
1,179.40	0.31	0.05	0.26	0.00
1,179.50	0.36	0.08	0.27	0.00
1,179.60	0.41	0.13	0.28	0.00
1,179.70	0.48	0.19	0.29	0.00
1,179.80	0.57	0.27	0.29	0.00
1,179.90	0.67	0.36	0.30	0.00
1,180.00	0.78	0.47	0.31	0.00
1,180.10	0.92	0.60	0.32	0.00
1,180.20	1.07	0.75	0.32	0.00
1,180.30	1.25	0.91	0.33	0.00
1,180.40	1.44	1.10	0.34	0.00
1,180.50	1.65	1.31	0.35	0.00
1,180.60	1.89	1.54	0.35	0.00
1,180.70	2.15	1.79	0.36	0.00
1,180.80	2.43	2.06	0.37	0.00
1,180.90	2.74	2.36	0.38	0.00
1,181.00	4.10	3.72	0.38	0.00
1,181.10	6.78	4.78	0.39	1.60
1,181.20	9.93	4.93	0.40	4.60
1,181.30	14.18	5.07	0.41	8.70
1,181.40	19.41	5.21	0.41	13.78
1,181.50	25.85	5.35	0.42	20.08
1,181.60	33.42	5.48	0.43	27.51
1,181.70	41.15	5.61	0.44	35.10
1,181.80	49.60	5.74	0.44	43.42
1,181.90	58.76	5.86	0.45	52.45
1,182.00	**68.62**	**5.98**	**0.46**	**62.18**

Stage-Area-Storage for Pond P3C: Pond 3C

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,178.00	1,905	0
1,178.05	1,950	96
1,178.10	1,995	195
1,178.15	2,040	296
1,178.20	2,086	399
1,178.25	2,131	504
1,178.30	2,176	612
1,178.35	2,221	722
1,178.40	2,266	834
1,178.45	2,311	949
1,178.50	2,357	1,065
1,178.55	2,402	1,184
1,178.60	2,447	1,306
1,178.65	2,492	1,429
1,178.70	2,537	1,555
1,178.75	2,582	1,683
1,178.80	2,628	1,813
1,178.85	2,673	1,946
1,178.90	2,718	2,080
1,178.95	2,763	2,217
1,179.00	2,808	2,357
1,179.05	2,853	2,498
1,179.10	2,899	2,642
1,179.15	2,944	2,788
1,179.20	2,989	2,936
1,179.25	3,034	3,087
1,179.30	3,079	3,240
1,179.35	3,124	3,395
1,179.40	3,170	3,552
1,179.45	3,215	3,712
1,179.50	3,260	3,874
1,179.55	3,305	4,038
1,179.60	3,350	4,204
1,179.65	3,395	4,373
1,179.70	3,441	4,544
1,179.75	3,486	4,717
1,179.80	3,531	4,892
1,179.85	3,576	5,070
1,179.90	3,621	5,250
1,179.95	3,666	5,432
1,180.00	3,712	5,617
1,180.05	3,757	5,803
1,180.10	3,802	5,992
1,180.15	3,847	6,183
1,180.20	3,892	6,377
1,180.25	3,937	6,573
1,180.30	3,982	6,771
1,180.35	4,028	6,971
1,180.40	4,073	7,173
1,180.45	4,118	7,378
1,180.50	4,163	7,585
1,180.55	4,208	7,794
1,180.60	4,253	8,006
1,180.65	4,299	8,220
1,180.70	4,344	8,436
1,180.75	4,389	8,654
1,180.80	4,434	8,875
1,180.85	4,479	9,098
1,180.90	4,524	9,323
1,180.95	4,570	9,550
1,181.00	4,615	9,780
1,181.05	4,660	10,011
1,181.10	4,705	10,246
1,181.15	4,750	10,482
1,181.20	4,795	10,721
1,181.25	4,841	10,962
1,181.30	4,886	11,205
1,181.35	4,931	11,450
1,181.40	4,976	11,698
1,181.45	5,021	11,948
1,181.50	5,066	12,200
1,181.55	5,112	12,454
1,181.60	5,157	12,711
1,181.65	5,202	12,970
1,181.70	5,247	13,231
1,181.75	5,292	13,495
1,181.80	5,337	13,760
1,181.85	5,383	14,028
1,181.90	5,428	14,299
1,181.95	5,473	14,571
1,182.00	**5,518**	**14,846**

Summary for Pond P3D: Pond 3D

Inflow Area = 2.380 ac, 23.95% Impervious, Inflow Depth = 2.45" for 25 YR event
Inflow = 9.15 cfs @ 12.13 hrs, Volume= 0.487 af
Outflow = 4.56 cfs @ 12.25 hrs, Volume= 0.487 af, Atten= 50%, Lag= 6.9 min
Primary = 4.31 cfs @ 12.25 hrs, Volume= 0.312 af
Routed to Link 4L : Post - North
Secondary = 0.24 cfs @ 12.25 hrs, Volume= 0.174 af
Tertiary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,190.42' @ 12.25 hrs Surf.Area= 2,905 sf Storage= 6,232 cf

Plug-Flow detention time= 72.6 min calculated for 0.487 af (100% of inflow)
Center-of-Mass det. time= 72.5 min (891.5 - 818.9)

Volume	Invert	Avail.Storage	Storage Description
#1	1,187.00'	11,620 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

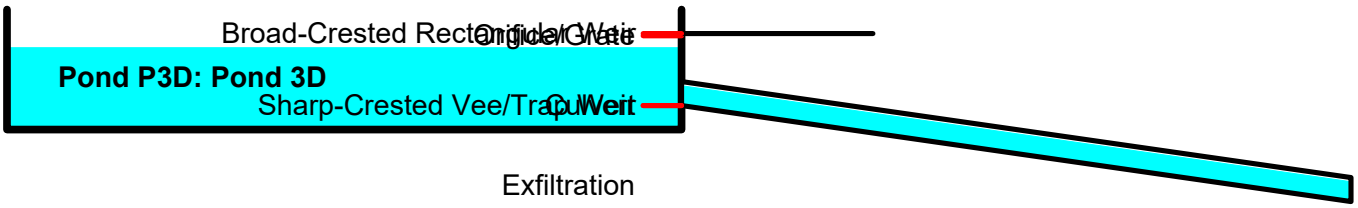
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,187.00	741	0	0
1,192.00	3,907	11,620	11,620

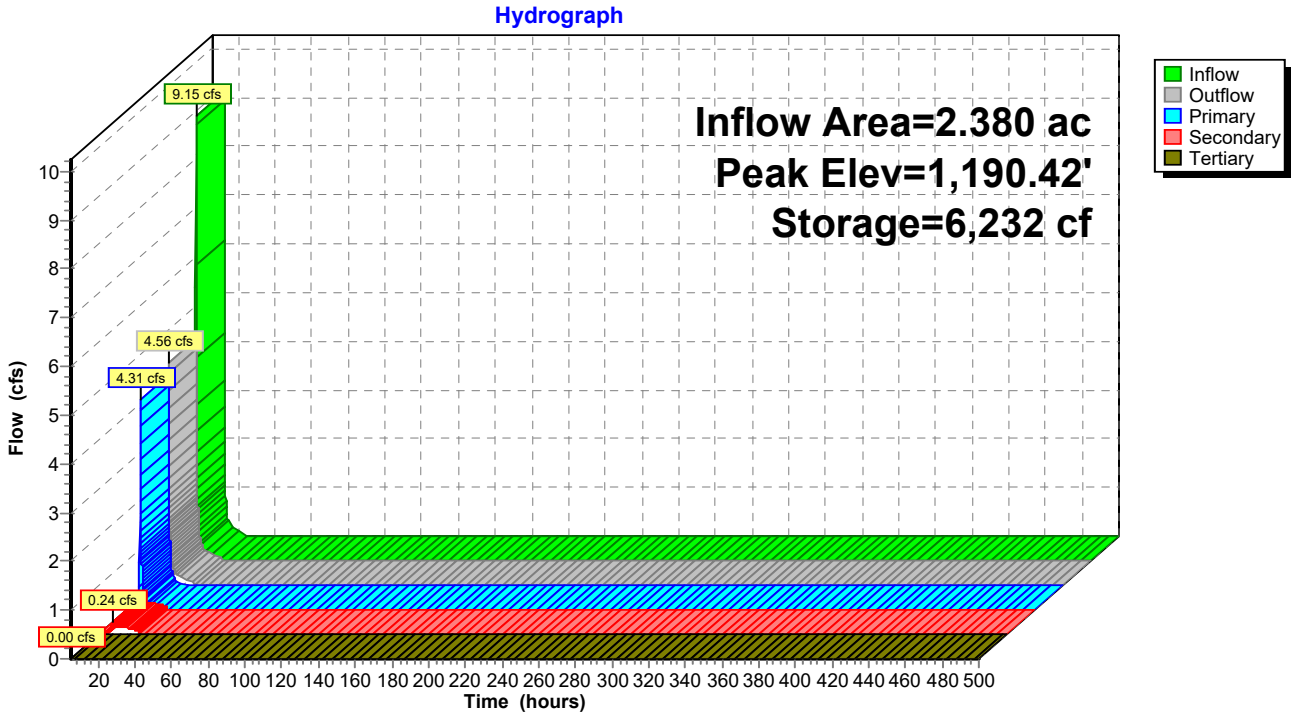
Device	Routing	Invert	Outlet Devices
#1	Primary	1,188.00'	**12.0" Round Culvert** L= 35.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,188.00' / 1,184.00' S= 0.1143 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,188.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,190.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600
#4	Secondary	1,187.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,191.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

Primary OutFlow Max=4.30 cfs @ 12.25 hrs HW=1,190.42' (Free Discharge)
└**1=Culvert** (Passes 4.30 cfs of 5.23 cfs potential flow)
└**2=Sharp-Crested Vee/Trap Weir** (Weir Controls 4.30 cfs @ 4.18 fps)
└**3=Orifice/Grate** (Controls 0.00 cfs)

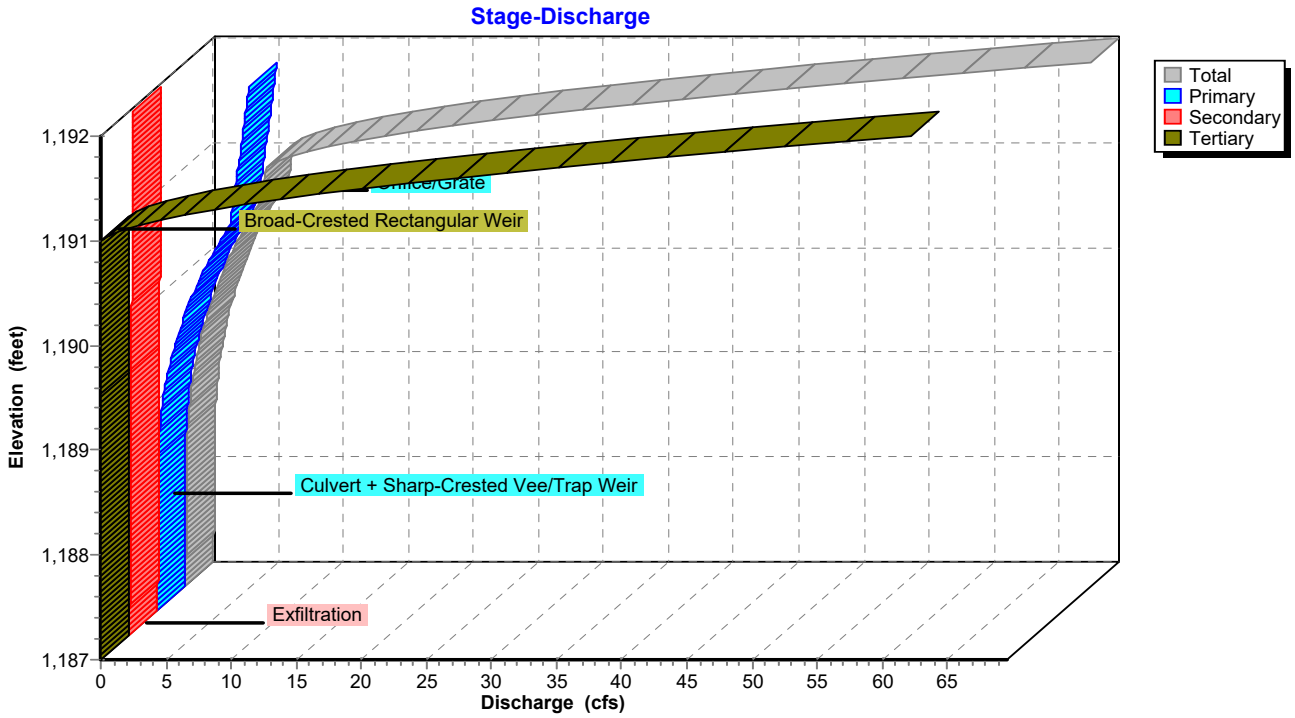
Secondary OutFlow Max=0.24 cfs @ 12.25 hrs HW=1,190.42' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.24 cfs)

Tertiary OutFlow Max=0.00 cfs @ 5.00 hrs HW=1,187.00' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)

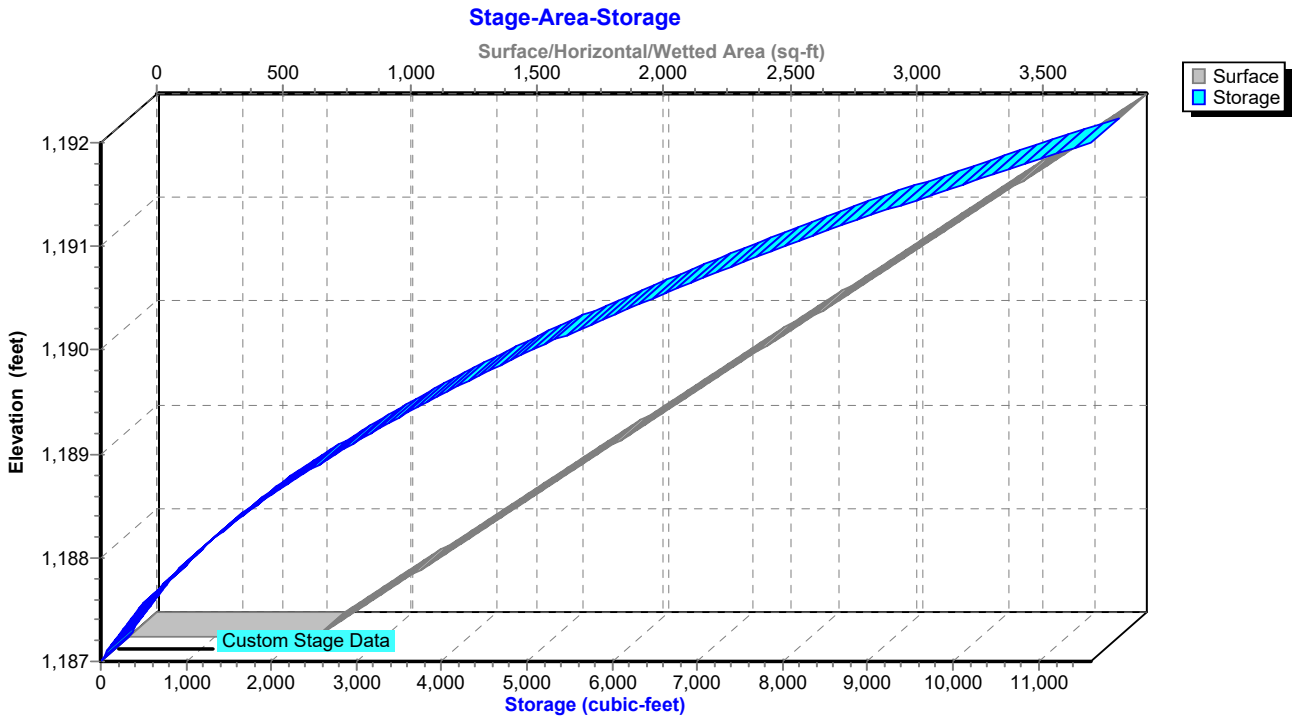

Broad-Crested Rectangular Weir
Orifice/Grate
Pond P3D: Pond 3D
Sharp-Crested Vee/Trap Weir
Orifice/Grate
Exfiltration


Pond P3D: Pond 3D
Hydrograph
Inflow Area=2.380 ac
Peak Elev=1,190.42'
Storage=6,232 cf
9.15 cfs
4.56 cfs
4.31 cfs
0.24 cfs
0.00 cfs
Inflow
Outflow
Primary
Secondary
Tertiary
Flow (cfs)
Time (hours)

Pond P3D: Pond 3D



Pond P3D: Pond 3D



Hydrograph for Pond P3D: Pond 3D

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,187.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**0.33**	**2,246**	**1,188.74**	**0.38**	**0.22**	**0.15**	0.00
25.00	0.00	485	1,187.53	0.09	0.00	0.09	0.00
35.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P3D: Pond 3D

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,187.00	0.00	0.00	0.00	0.00
1,187.10	0.07	0.00	0.07	0.00
1,187.20	0.07	0.00	0.07	0.00
1,187.30	0.08	0.00	0.08	0.00
1,187.40	0.08	0.00	0.08	0.00
1,187.50	0.09	0.00	0.09	0.00
1,187.60	0.09	0.00	0.09	0.00
1,187.70	0.10	0.00	0.10	0.00
1,187.80	0.10	0.00	0.10	0.00
1,187.90	0.11	0.00	0.11	0.00
1,188.00	0.11	0.00	0.11	0.00
1,188.10	0.12	0.00	0.12	0.00
1,188.20	0.13	0.01	0.13	0.00
1,188.30	0.15	0.02	0.13	0.00
1,188.40	0.18	0.05	0.14	0.00
1,188.50	0.22	0.08	0.14	0.00
1,188.60	0.28	0.13	0.15	0.00
1,188.70	0.35	0.19	0.15	0.00
1,188.80	0.43	0.27	0.16	0.00
1,188.90	0.53	0.36	0.16	0.00
1,189.00	0.64	0.47	0.17	0.00
1,189.10	0.77	0.60	0.17	0.00
1,189.20	0.93	0.75	0.18	0.00
1,189.30	1.10	0.91	0.18	0.00
1,189.40	1.29	1.10	0.19	0.00
1,189.50	1.50	1.31	0.19	0.00
1,189.60	1.73	1.54	0.20	0.00
1,189.70	1.99	1.79	0.20	0.00
1,189.80	2.27	2.06	0.21	0.00
1,189.90	2.58	2.36	0.21	0.00
1,190.00	2.90	2.68	0.22	0.00
1,190.10	3.26	3.03	0.23	0.00
1,190.20	3.64	3.41	0.23	0.00
1,190.30	4.04	3.81	0.24	0.00
1,190.40	4.47	4.23	0.24	0.00
1,190.50	4.93	4.69	0.25	0.00
1,190.60	5.42	5.17	0.25	0.00
1,190.70	5.87	5.61	0.26	0.00
1,190.80	6.00	5.74	0.26	0.00
1,190.90	6.13	5.86	0.27	0.00
1,191.00	6.25	5.98	0.27	0.00
1,191.10	7.98	6.10	0.28	1.60
1,191.20	11.09	6.21	0.28	4.60
1,191.30	15.31	6.33	0.29	8.70
1,191.40	20.52	6.44	0.29	13.78
1,191.50	26.93	6.55	0.30	20.08
1,191.60	34.47	6.66	0.30	27.51
1,191.70	42.18	6.76	0.31	35.10
1,191.80	50.61	6.87	0.32	43.42
1,191.90	59.75	6.97	0.32	52.45
1,192.00	**69.58**	**7.07**	**0.33**	**62.18**

Stage-Area-Storage for Pond P3D: Pond 3D

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,187.00	741	0
1,187.05	773	38
1,187.10	804	77
1,187.15	836	118
1,187.20	868	161
1,187.25	899	205
1,187.30	931	251
1,187.35	963	298
1,187.40	994	347
1,187.45	1,026	398
1,187.50	1,058	450
1,187.55	1,089	503
1,187.60	1,121	559
1,187.65	1,153	615
1,187.70	1,184	674
1,187.75	1,216	734
1,187.80	1,248	795
1,187.85	1,279	859
1,187.90	1,311	923
1,187.95	1,343	990
1,188.00	1,374	1,058
1,188.05	1,406	1,127
1,188.10	1,438	1,198
1,188.15	1,469	1,271
1,188.20	1,501	1,345
1,188.25	1,533	1,421
1,188.30	1,564	1,498
1,188.35	1,596	1,577
1,188.40	1,627	1,658
1,188.45	1,659	1,740
1,188.50	1,691	1,824
1,188.55	1,722	1,909
1,188.60	1,754	1,996
1,188.65	1,786	2,085
1,188.70	1,817	2,175
1,188.75	1,849	2,266
1,188.80	1,881	2,360
1,188.85	1,912	2,454
1,188.90	1,944	2,551
1,188.95	1,976	2,649
1,189.00	2,007	2,748
1,189.05	2,039	2,850
1,189.10	2,071	2,952
1,189.15	2,102	3,057
1,189.20	2,134	3,163
1,189.25	2,166	3,270
1,189.30	2,197	3,379
1,189.35	2,229	3,490
1,189.40	2,261	3,602
1,189.45	2,292	3,716
1,189.50	2,324	3,831
1,189.55	2,356	3,948
1,189.60	2,387	4,067
1,189.65	2,419	4,187
1,189.70	2,451	4,309
1,189.75	2,482	4,432
1,189.80	2,514	4,557
1,189.85	2,546	4,683
1,189.90	2,577	4,812
1,189.95	2,609	4,941
1,190.00	2,641	5,072
1,190.05	2,672	5,205
1,190.10	2,704	5,340
1,190.15	2,736	5,476
1,190.20	2,767	5,613
1,190.25	2,799	5,752
1,190.30	2,831	5,893
1,190.35	2,862	6,035
1,190.40	2,894	6,179
1,190.45	2,926	6,325
1,190.50	2,957	6,472
1,190.55	2,989	6,621
1,190.60	3,021	6,771
1,190.65	3,052	6,923
1,190.70	3,084	7,076
1,190.75	3,116	7,231
1,190.80	3,147	7,388
1,190.85	3,179	7,546
1,190.90	3,210	7,705
1,190.95	3,242	7,867
1,191.00	3,274	8,030
1,191.05	3,305	8,194
1,191.10	3,337	8,360
1,191.15	3,369	8,528
1,191.20	3,400	8,697
1,191.25	3,432	8,868
1,191.30	3,464	9,040
1,191.35	3,495	9,214
1,191.40	3,527	9,390
1,191.45	3,559	9,567
1,191.50	3,590	9,746
1,191.55	3,622	9,926
1,191.60	3,654	10,108
1,191.65	3,685	10,291
1,191.70	3,717	10,476
1,191.75	3,749	10,663
1,191.80	3,780	10,851
1,191.85	3,812	11,041
1,191.90	3,844	11,232
1,191.95	3,875	11,425
1,192.00	**3,907**	**11,620**

Summary for Pond P3E: Pond 3E

Inflow Area = 2.780 ac, 19.06% Impervious, Inflow Depth = 2.28" for 25 YR event
Inflow = 9.96 cfs @ 12.13 hrs, Volume= 0.529 af
Outflow = 2.04 cfs @ 12.47 hrs, Volume= 0.529 af, Atten= 80%, Lag= 20.3 min
Primary = 1.67 cfs @ 12.47 hrs, Volume= 0.212 af
Routed to Link 4L : Post - North
Secondary = 0.36 cfs @ 12.47 hrs, Volume= 0.318 af
Tertiary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,218.66' @ 12.47 hrs Surf.Area= 4,346 sf Storage= 9,113 cf

Plug-Flow detention time= 126.7 min calculated for 0.529 af (100% of inflow)
Center-of-Mass det. time= 126.7 min (949.9 - 823.2)

Volume	Invert	Avail.Storage	Storage Description
#1	1,216.00'	15,578 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

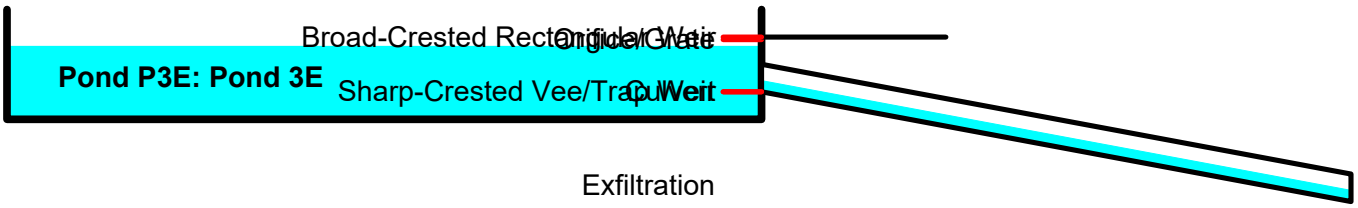
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,216.00	2,517	0	0
1,220.00	5,272	15,578	15,578

Device	Routing	Invert	Outlet Devices
#1	Primary	1,217.00'	**12.0" Round Culvert** L= 32.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,217.00' / 1,213.00' S= 0.1250 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,217.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,218.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600
#4	Secondary	1,216.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,219.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

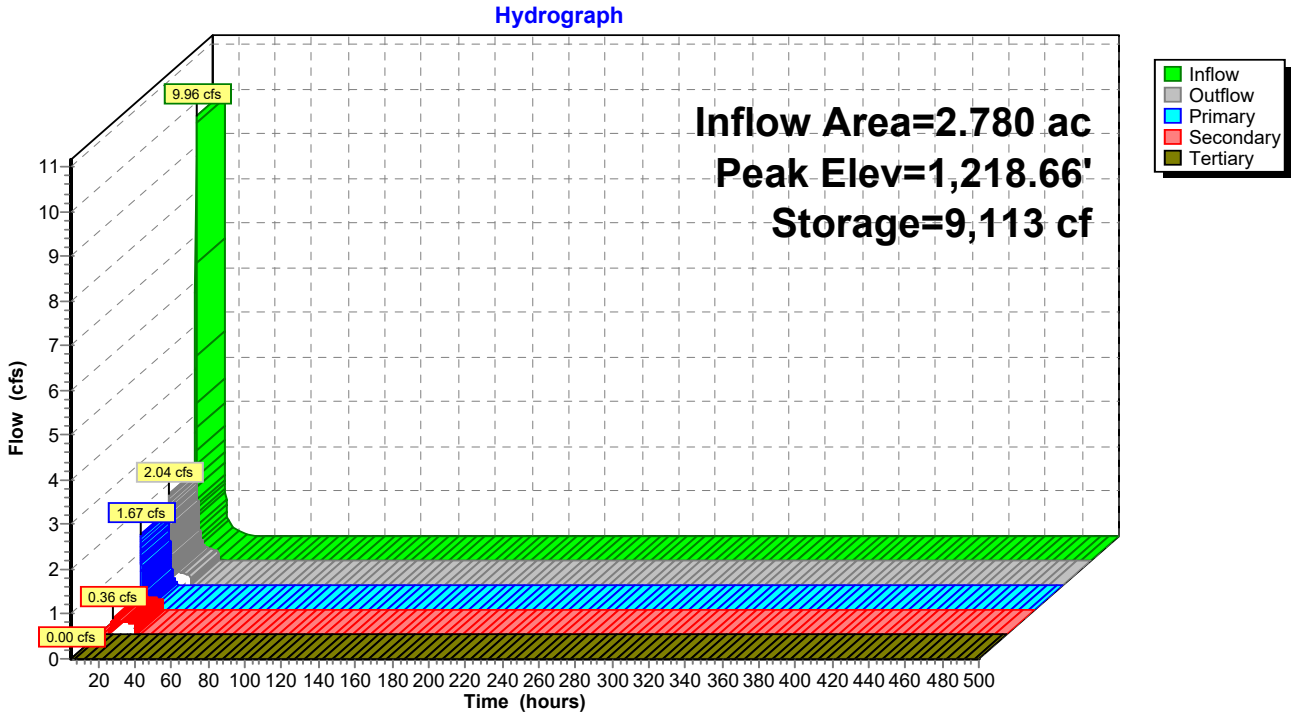
Primary OutFlow Max=1.67 cfs @ 12.47 hrs HW=1,218.65' (Free Discharge)
└**1=Culvert** (Passes 1.67 cfs of 4.06 cfs potential flow)
  ├**2=Sharp-Crested Vee/Trap Weir** (Weir Controls 1.67 cfs @ 3.46 fps)
  └**3=Orifice/Grate** (Controls 0.00 cfs)

Secondary OutFlow Max=0.36 cfs @ 12.47 hrs HW=1,218.65' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.36 cfs)

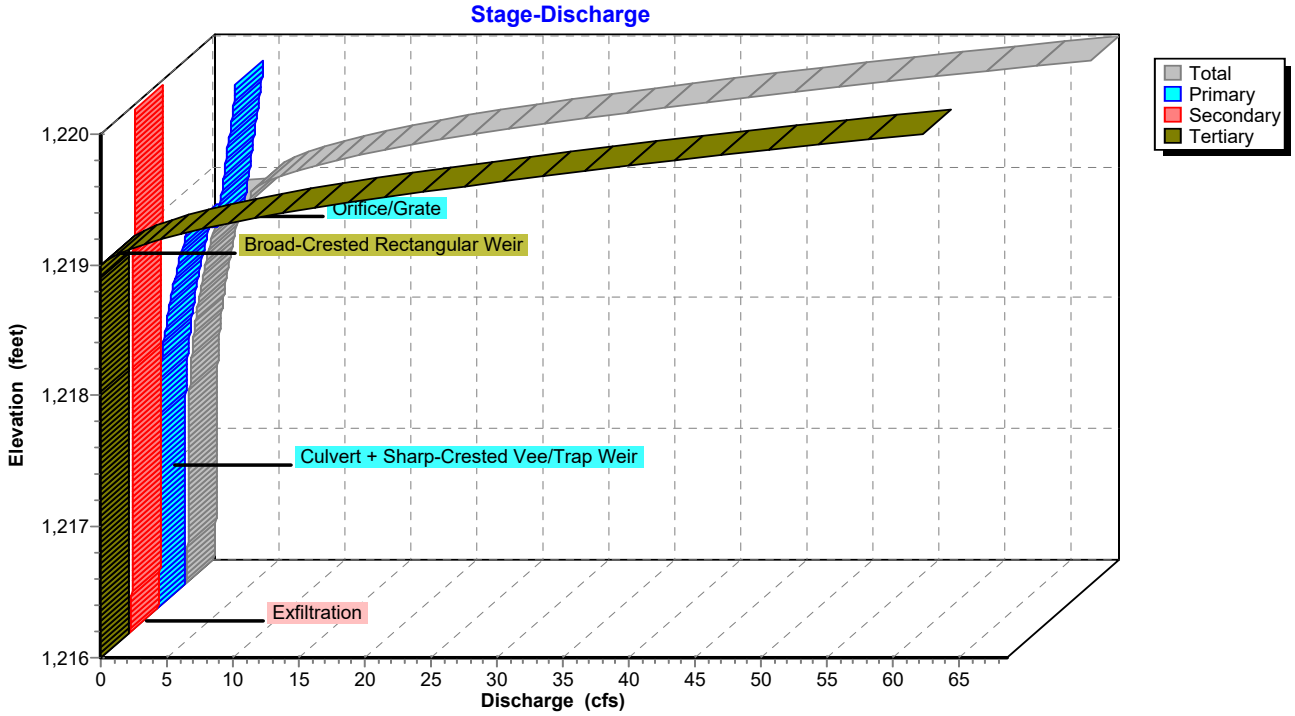
Tertiary OutFlow Max=0.00 cfs @ 5.00 hrs HW=1,216.00' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)



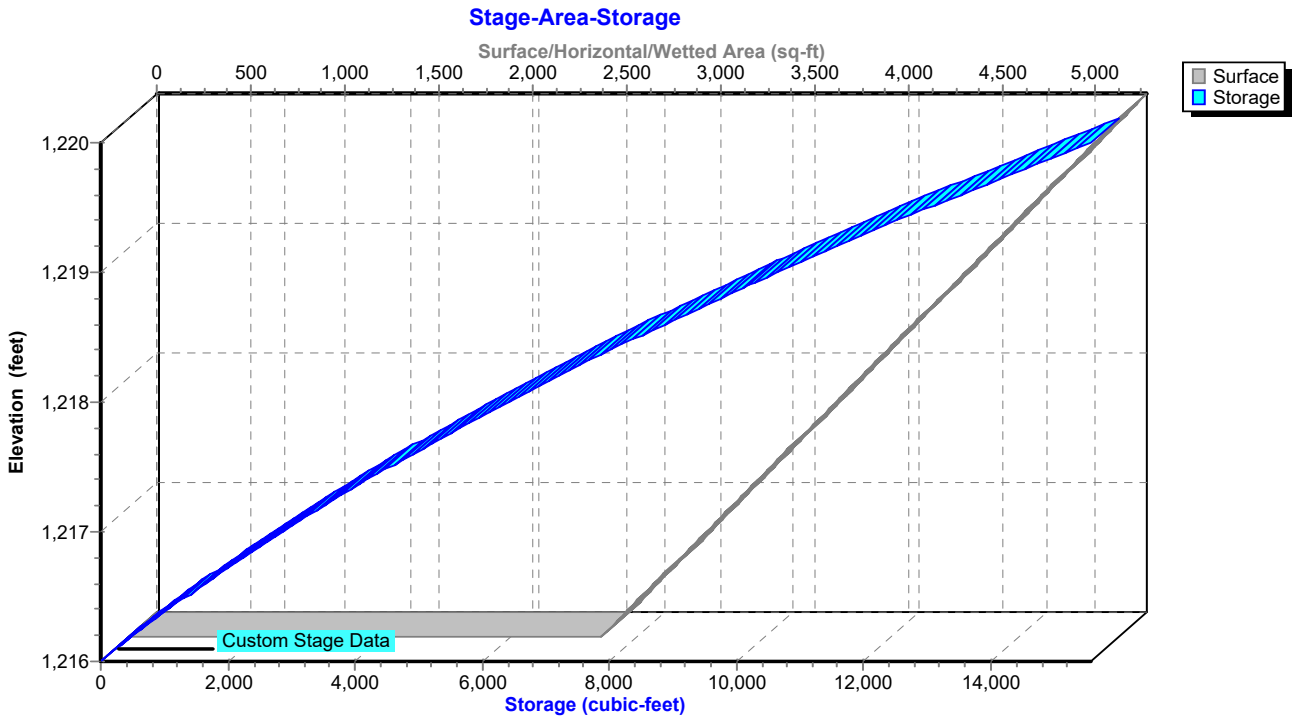
Pond P3E: Pond 3E



Pond P3E: Pond 3E



Pond P3E: Pond 3E



Hydrograph for Pond P3E: Pond 3E

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,216.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**0.37**	**5,470**	**1,217.75**	**0.54**	**0.23**	**0.31**	0.00
25.00	0.00	6	1,216.00	0.01	0.00	0.01	0.00
35.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P3E: Pond 3E

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,216.00	0.00	0.00	0.00	0.00
1,216.10	0.22	0.00	0.22	0.00
1,216.20	0.22	0.00	0.22	0.00
1,216.30	0.23	0.00	0.23	0.00
1,216.40	0.23	0.00	0.23	0.00
1,216.50	0.24	0.00	0.24	0.00
1,216.60	0.24	0.00	0.24	0.00
1,216.70	0.25	0.00	0.25	0.00
1,216.80	0.26	0.00	0.26	0.00
1,216.90	0.26	0.00	0.26	0.00
1,217.00	0.27	0.00	0.27	0.00
1,217.10	0.27	0.00	0.27	0.00
1,217.20	0.29	0.01	0.28	0.00
1,217.30	0.31	0.02	0.28	0.00
1,217.40	0.34	0.05	0.29	0.00
1,217.50	0.38	0.08	0.30	0.00
1,217.60	0.43	0.13	0.30	0.00
1,217.70	0.50	0.19	0.31	0.00
1,217.80	0.58	0.27	0.31	0.00
1,217.90	0.68	0.36	0.32	0.00
1,218.00	0.80	0.47	0.32	0.00
1,218.10	0.93	0.60	0.33	0.00
1,218.20	1.08	0.75	0.34	0.00
1,218.30	1.26	0.91	0.34	0.00
1,218.40	1.45	1.10	0.35	0.00
1,218.50	1.66	1.31	0.35	0.00
1,218.60	1.89	1.54	0.36	0.00
1,218.70	2.15	1.79	0.36	0.00
1,218.80	2.43	2.06	0.37	0.00
1,218.90	2.74	2.36	0.38	0.00
1,219.00	5.01	4.63	0.38	0.00
1,219.10	6.77	4.78	0.39	1.60
1,219.20	9.92	4.93	0.39	4.60
1,219.30	14.17	5.07	0.40	8.70
1,219.40	19.40	5.21	0.40	13.78
1,219.50	25.84	5.35	0.41	20.08
1,219.60	33.40	5.48	0.42	27.51
1,219.70	41.13	5.61	0.42	35.10
1,219.80	49.59	5.74	0.43	43.42
1,219.90	58.74	5.86	0.43	52.45
1,220.00	**68.59**	**5.98**	**0.44**	**62.18**

Stage-Area-Storage for Pond P3E: Pond 3E

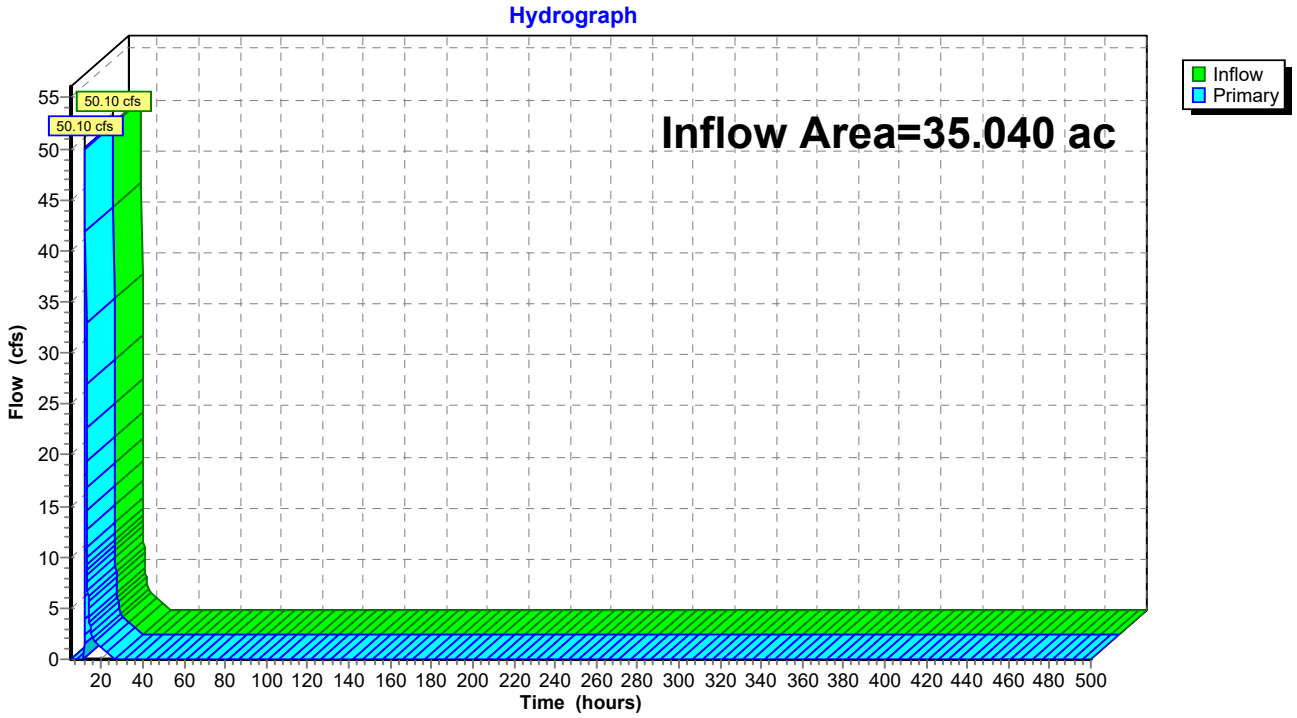
Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,216.00	2,517	0
1,216.05	2,551	127
1,216.10	2,586	255
1,216.15	2,620	385
1,216.20	2,655	517
1,216.25	2,689	651
1,216.30	2,724	786
1,216.35	2,758	923
1,216.40	2,793	1,062
1,216.45	2,827	1,202
1,216.50	2,861	1,345
1,216.55	2,896	1,489
1,216.60	2,930	1,634
1,216.65	2,965	1,782
1,216.70	2,999	1,931
1,216.75	3,034	2,081
1,216.80	3,068	2,234
1,216.85	3,102	2,388
1,216.90	3,137	2,544
1,216.95	3,171	2,702
1,217.00	3,206	2,861
1,217.05	3,240	3,023
1,217.10	3,275	3,185
1,217.15	3,309	3,350
1,217.20	3,344	3,516
1,217.25	3,378	3,684
1,217.30	3,412	3,854
1,217.35	3,447	4,026
1,217.40	3,481	4,199
1,217.45	3,516	4,374
1,217.50	3,550	4,550
1,217.55	3,585	4,729
1,217.60	3,619	4,909
1,217.65	3,653	5,091
1,217.70	3,688	5,274
1,217.75	3,722	5,459
1,217.80	3,757	5,646
1,217.85	3,791	5,835
1,217.90	3,826	6,025
1,217.95	3,860	6,218
1,218.00	3,895	6,412
1,218.05	3,929	6,607
1,218.10	3,963	6,804
1,218.15	3,998	7,003
1,218.20	4,032	7,204
1,218.25	4,067	7,407
1,218.30	4,101	7,611
1,218.35	4,136	7,817
1,218.40	4,170	8,024
1,218.45	4,204	8,234
1,218.50	4,239	8,445
1,218.55	4,273	8,658
1,218.60	4,308	8,872
1,218.65	4,342	9,088
1,218.70	4,377	9,306
1,218.75	4,411	9,526
1,218.80	4,445	9,747
1,218.85	4,480	9,971
1,218.90	4,514	10,195
1,218.95	4,549	10,422
1,219.00	4,583	10,650
1,219.05	4,618	10,880
1,219.10	4,652	11,112
1,219.15	4,687	11,346
1,219.20	4,721	11,581
1,219.25	4,755	11,818
1,219.30	4,790	12,056
1,219.35	4,824	12,297
1,219.40	4,859	12,539
1,219.45	4,893	12,783
1,219.50	4,928	13,028
1,219.55	4,962	13,275
1,219.60	4,996	13,524
1,219.65	5,031	13,775
1,219.70	5,065	14,027
1,219.75	5,100	14,282
1,219.80	5,134	14,537
1,219.85	5,169	14,795
1,219.90	5,203	15,054
1,219.95	5,238	15,315
1,220.00	**5,272**	**15,578**

Summary for Link 1L: Total Pre - Development

Inflow Area = 35.040 ac, 0.00% Impervious, Inflow Depth = 1.18" for 25 YR event
Inflow = 50.10 cfs @ 12.19 hrs, Volume= 3.436 af
Primary = 50.10 cfs @ 12.19 hrs, Volume= 3.436 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs

Link 1L: Total Pre - Development



Hydrograph for Link 1L: Total Pre - Development

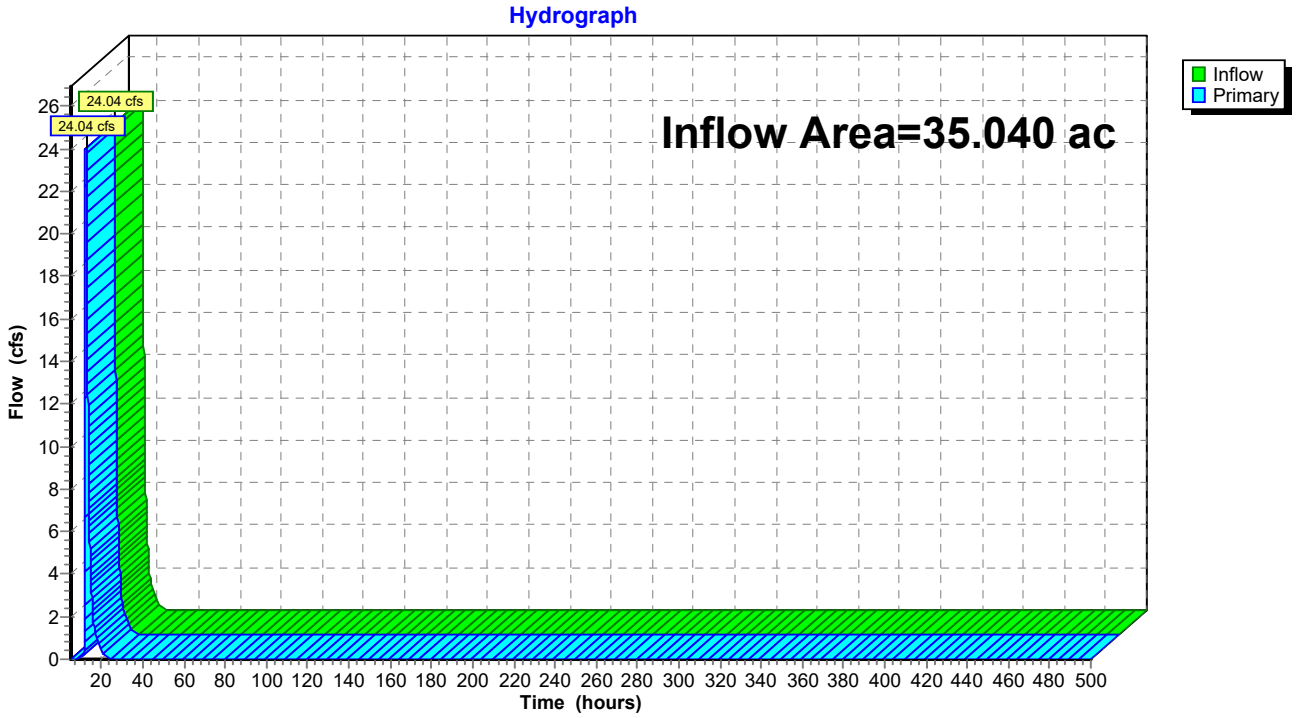
Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.00	0.00	**0.00**	0.00	260.00	0.00	0.00	0.00
10.00	**0.00**	0.00	**0.00**	265.00	0.00	0.00	0.00
15.00	**3.09**	0.00	**3.09**	270.00	0.00	0.00	0.00
20.00	1.19	0.00	1.19	275.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	280.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	285.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	290.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	295.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	300.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	305.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	310.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	315.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	320.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	325.00	0.00	0.00	0.00
75.00	0.00	0.00	0.00	330.00	0.00	0.00	0.00
80.00	0.00	0.00	0.00	335.00	0.00	0.00	0.00
85.00	0.00	0.00	0.00	340.00	0.00	0.00	0.00
90.00	0.00	0.00	0.00	345.00	0.00	0.00	0.00
95.00	0.00	0.00	0.00	350.00	0.00	0.00	0.00
100.00	0.00	0.00	0.00	355.00	0.00	0.00	0.00
105.00	0.00	0.00	0.00	360.00	0.00	0.00	0.00
110.00	0.00	0.00	0.00	365.00	0.00	0.00	0.00
115.00	0.00	0.00	0.00	370.00	0.00	0.00	0.00
120.00	0.00	0.00	0.00	375.00	0.00	0.00	0.00
125.00	0.00	0.00	0.00	380.00	0.00	0.00	0.00
130.00	0.00	0.00	0.00	385.00	0.00	0.00	0.00
135.00	0.00	0.00	0.00	390.00	0.00	0.00	0.00
140.00	0.00	0.00	0.00	395.00	0.00	0.00	0.00
145.00	0.00	0.00	0.00	400.00	0.00	0.00	0.00
150.00	0.00	0.00	0.00	405.00	0.00	0.00	0.00
155.00	0.00	0.00	0.00	410.00	0.00	0.00	0.00
160.00	0.00	0.00	0.00	415.00	0.00	0.00	0.00
165.00	0.00	0.00	0.00	420.00	0.00	0.00	0.00
170.00	0.00	0.00	0.00	425.00	0.00	0.00	0.00
175.00	0.00	0.00	0.00	430.00	0.00	0.00	0.00
180.00	0.00	0.00	0.00	435.00	0.00	0.00	0.00
185.00	0.00	0.00	0.00	440.00	0.00	0.00	0.00
190.00	0.00	0.00	0.00	445.00	0.00	0.00	0.00
195.00	0.00	0.00	0.00	450.00	0.00	0.00	0.00
200.00	0.00	0.00	0.00	455.00	0.00	0.00	0.00
205.00	0.00	0.00	0.00	460.00	0.00	0.00	0.00
210.00	0.00	0.00	0.00	465.00	0.00	0.00	0.00
215.00	0.00	0.00	0.00	470.00	0.00	0.00	0.00
220.00	0.00	0.00	0.00	475.00	0.00	0.00	0.00
225.00	0.00	0.00	0.00	480.00	0.00	0.00	0.00
230.00	0.00	0.00	0.00	485.00	0.00	0.00	0.00
235.00	0.00	0.00	0.00	490.00	0.00	0.00	0.00
240.00	0.00	0.00	0.00	495.00	0.00	0.00	0.00
245.00	0.00	0.00	0.00	500.00	0.00	0.00	0.00
250.00	0.00	0.00	0.00				
255.00	0.00	0.00	0.00				

Summary for Link 2L: Total Post - Development

Inflow Area = 35.040 ac, 19.66% Impervious, Inflow Depth = 1.18" for 25 YR event
Inflow = 24.04 cfs @ 12.28 hrs, Volume= 3.439 af
Primary = 24.04 cfs @ 12.28 hrs, Volume= 3.439 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs

Link 2L: Total Post - Development



Hydrograph for Link 2L: Total Post - Development

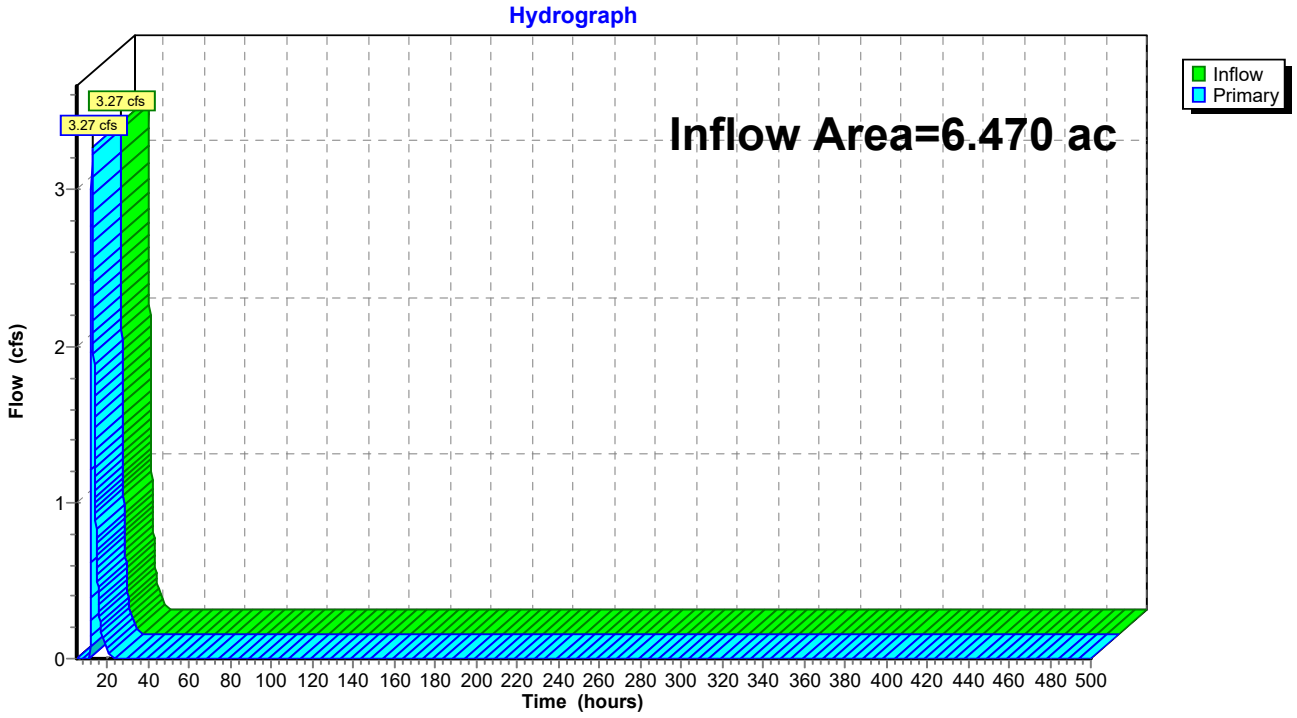
Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.00	0.00	**0.00**	0.00	260.00	0.00	0.00	0.00
10.00	**0.05**	0.00	**0.05**	265.00	0.00	0.00	0.00
15.00	**3.56**	0.00	**3.56**	270.00	0.00	0.00	0.00
20.00	0.38	0.00	0.38	275.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	280.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	285.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	290.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	295.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	300.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	305.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	310.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	315.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	320.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	325.00	0.00	0.00	0.00
75.00	0.00	0.00	0.00	330.00	0.00	0.00	0.00
80.00	0.00	0.00	0.00	335.00	0.00	0.00	0.00
85.00	0.00	0.00	0.00	340.00	0.00	0.00	0.00
90.00	0.00	0.00	0.00	345.00	0.00	0.00	0.00
95.00	0.00	0.00	0.00	350.00	0.00	0.00	0.00
100.00	0.00	0.00	0.00	355.00	0.00	0.00	0.00
105.00	0.00	0.00	0.00	360.00	0.00	0.00	0.00
110.00	0.00	0.00	0.00	365.00	0.00	0.00	0.00
115.00	0.00	0.00	0.00	370.00	0.00	0.00	0.00
120.00	0.00	0.00	0.00	375.00	0.00	0.00	0.00
125.00	0.00	0.00	0.00	380.00	0.00	0.00	0.00
130.00	0.00	0.00	0.00	385.00	0.00	0.00	0.00
135.00	0.00	0.00	0.00	390.00	0.00	0.00	0.00
140.00	0.00	0.00	0.00	395.00	0.00	0.00	0.00
145.00	0.00	0.00	0.00	400.00	0.00	0.00	0.00
150.00	0.00	0.00	0.00	405.00	0.00	0.00	0.00
155.00	0.00	0.00	0.00	410.00	0.00	0.00	0.00
160.00	0.00	0.00	0.00	415.00	0.00	0.00	0.00
165.00	0.00	0.00	0.00	420.00	0.00	0.00	0.00
170.00	0.00	0.00	0.00	425.00	0.00	0.00	0.00
175.00	0.00	0.00	0.00	430.00	0.00	0.00	0.00
180.00	0.00	0.00	0.00	435.00	0.00	0.00	0.00
185.00	0.00	0.00	0.00	440.00	0.00	0.00	0.00
190.00	0.00	0.00	0.00	445.00	0.00	0.00	0.00
195.00	0.00	0.00	0.00	450.00	0.00	0.00	0.00
200.00	0.00	0.00	0.00	455.00	0.00	0.00	0.00
205.00	0.00	0.00	0.00	460.00	0.00	0.00	0.00
210.00	0.00	0.00	0.00	465.00	0.00	0.00	0.00
215.00	0.00	0.00	0.00	470.00	0.00	0.00	0.00
220.00	0.00	0.00	0.00	475.00	0.00	0.00	0.00
225.00	0.00	0.00	0.00	480.00	0.00	0.00	0.00
230.00	0.00	0.00	0.00	485.00	0.00	0.00	0.00
235.00	0.00	0.00	0.00	490.00	0.00	0.00	0.00
240.00	0.00	0.00	0.00	495.00	0.00	0.00	0.00
245.00	0.00	0.00	0.00	500.00	0.00	0.00	0.00
250.00	0.00	0.00	0.00				
255.00	0.00	0.00	0.00				

Summary for Link 3L: Post - South

Inflow Area = 6.470 ac, 18.70% Impervious, Inflow Depth = 0.92" for 25 YR event
Inflow = 3.27 cfs @ 12.45 hrs, Volume= 0.498 af
Primary = 3.27 cfs @ 12.45 hrs, Volume= 0.498 af, Atten= 0%, Lag= 0.0 min
Routed to Link 2L : Total Post - Development

Primary outflow = Inflow, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs

Link 3L: Post - South



Hydrograph for Link 3L: Post - South

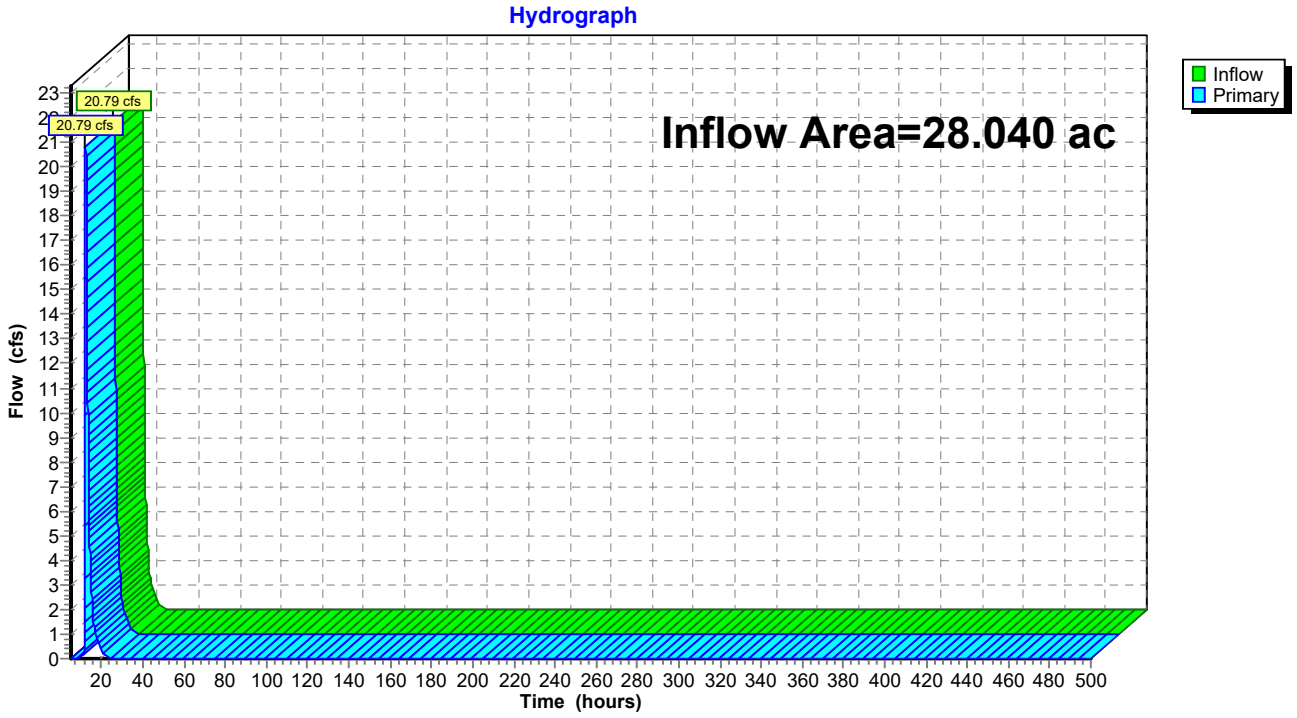
Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.00	0.00	**0.00**	0.00	260.00	0.00	0.00	0.00
10.00	**0.00**	0.00	**0.00**	265.00	0.00	0.00	0.00
15.00	**0.58**	0.00	**0.58**	270.00	0.00	0.00	0.00
20.00	0.04	0.00	0.04	275.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	280.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	285.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	290.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	295.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	300.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	305.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	310.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	315.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	320.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	325.00	0.00	0.00	0.00
75.00	0.00	0.00	0.00	330.00	0.00	0.00	0.00
80.00	0.00	0.00	0.00	335.00	0.00	0.00	0.00
85.00	0.00	0.00	0.00	340.00	0.00	0.00	0.00
90.00	0.00	0.00	0.00	345.00	0.00	0.00	0.00
95.00	0.00	0.00	0.00	350.00	0.00	0.00	0.00
100.00	0.00	0.00	0.00	355.00	0.00	0.00	0.00
105.00	0.00	0.00	0.00	360.00	0.00	0.00	0.00
110.00	0.00	0.00	0.00	365.00	0.00	0.00	0.00
115.00	0.00	0.00	0.00	370.00	0.00	0.00	0.00
120.00	0.00	0.00	0.00	375.00	0.00	0.00	0.00
125.00	0.00	0.00	0.00	380.00	0.00	0.00	0.00
130.00	0.00	0.00	0.00	385.00	0.00	0.00	0.00
135.00	0.00	0.00	0.00	390.00	0.00	0.00	0.00
140.00	0.00	0.00	0.00	395.00	0.00	0.00	0.00
145.00	0.00	0.00	0.00	400.00	0.00	0.00	0.00
150.00	0.00	0.00	0.00	405.00	0.00	0.00	0.00
155.00	0.00	0.00	0.00	410.00	0.00	0.00	0.00
160.00	0.00	0.00	0.00	415.00	0.00	0.00	0.00
165.00	0.00	0.00	0.00	420.00	0.00	0.00	0.00
170.00	0.00	0.00	0.00	425.00	0.00	0.00	0.00
175.00	0.00	0.00	0.00	430.00	0.00	0.00	0.00
180.00	0.00	0.00	0.00	435.00	0.00	0.00	0.00
185.00	0.00	0.00	0.00	440.00	0.00	0.00	0.00
190.00	0.00	0.00	0.00	445.00	0.00	0.00	0.00
195.00	0.00	0.00	0.00	450.00	0.00	0.00	0.00
200.00	0.00	0.00	0.00	455.00	0.00	0.00	0.00
205.00	0.00	0.00	0.00	460.00	0.00	0.00	0.00
210.00	0.00	0.00	0.00	465.00	0.00	0.00	0.00
215.00	0.00	0.00	0.00	470.00	0.00	0.00	0.00
220.00	0.00	0.00	0.00	475.00	0.00	0.00	0.00
225.00	0.00	0.00	0.00	480.00	0.00	0.00	0.00
230.00	0.00	0.00	0.00	485.00	0.00	0.00	0.00
235.00	0.00	0.00	0.00	490.00	0.00	0.00	0.00
240.00	0.00	0.00	0.00	495.00	0.00	0.00	0.00
245.00	0.00	0.00	0.00	500.00	0.00	0.00	0.00
250.00	0.00	0.00	0.00				
255.00	0.00	0.00	0.00				

Summary for Link 4L: Post - North

Inflow Area = 28.040 ac, 20.04% Impervious, Inflow Depth = 1.23" for 25 YR event
Inflow = 20.79 cfs @ 12.27 hrs, Volume= 2.871 af
Primary = 20.79 cfs @ 12.27 hrs, Volume= 2.871 af, Atten= 0%, Lag= 0.0 min
Routed to Link 2L : Total Post - Development

Primary outflow = Inflow, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs

Link 4L: Post - North



Hydrograph for Link 4L: Post - North

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.00	0.00	**0.00**	0.00	260.00	0.00	0.00	0.00
10.00	**0.05**	0.00	**0.05**	265.00	0.00	0.00	0.00
15.00	**2.92**	0.00	**2.92**	270.00	0.00	0.00	0.00
20.00	0.32	0.00	0.32	275.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	280.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	285.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	290.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	295.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	300.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	305.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	310.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	315.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	320.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	325.00	0.00	0.00	0.00
75.00	0.00	0.00	0.00	330.00	0.00	0.00	0.00
80.00	0.00	0.00	0.00	335.00	0.00	0.00	0.00
85.00	0.00	0.00	0.00	340.00	0.00	0.00	0.00
90.00	0.00	0.00	0.00	345.00	0.00	0.00	0.00
95.00	0.00	0.00	0.00	350.00	0.00	0.00	0.00
100.00	0.00	0.00	0.00	355.00	0.00	0.00	0.00
105.00	0.00	0.00	0.00	360.00	0.00	0.00	0.00
110.00	0.00	0.00	0.00	365.00	0.00	0.00	0.00
115.00	0.00	0.00	0.00	370.00	0.00	0.00	0.00
120.00	0.00	0.00	0.00	375.00	0.00	0.00	0.00
125.00	0.00	0.00	0.00	380.00	0.00	0.00	0.00
130.00	0.00	0.00	0.00	385.00	0.00	0.00	0.00
135.00	0.00	0.00	0.00	390.00	0.00	0.00	0.00
140.00	0.00	0.00	0.00	395.00	0.00	0.00	0.00
145.00	0.00	0.00	0.00	400.00	0.00	0.00	0.00
150.00	0.00	0.00	0.00	405.00	0.00	0.00	0.00
155.00	0.00	0.00	0.00	410.00	0.00	0.00	0.00
160.00	0.00	0.00	0.00	415.00	0.00	0.00	0.00
165.00	0.00	0.00	0.00	420.00	0.00	0.00	0.00
170.00	0.00	0.00	0.00	425.00	0.00	0.00	0.00
175.00	0.00	0.00	0.00	430.00	0.00	0.00	0.00
180.00	0.00	0.00	0.00	435.00	0.00	0.00	0.00
185.00	0.00	0.00	0.00	440.00	0.00	0.00	0.00
190.00	0.00	0.00	0.00	445.00	0.00	0.00	0.00
195.00	0.00	0.00	0.00	450.00	0.00	0.00	0.00
200.00	0.00	0.00	0.00	455.00	0.00	0.00	0.00
205.00	0.00	0.00	0.00	460.00	0.00	0.00	0.00
210.00	0.00	0.00	0.00	465.00	0.00	0.00	0.00
215.00	0.00	0.00	0.00	470.00	0.00	0.00	0.00
220.00	0.00	0.00	0.00	475.00	0.00	0.00	0.00
225.00	0.00	0.00	0.00	480.00	0.00	0.00	0.00
230.00	0.00	0.00	0.00	485.00	0.00	0.00	0.00
235.00	0.00	0.00	0.00	490.00	0.00	0.00	0.00
240.00	0.00	0.00	0.00	495.00	0.00	0.00	0.00
245.00	0.00	0.00	0.00	500.00	0.00	0.00	0.00
250.00	0.00	0.00	0.00				
255.00	0.00	0.00	0.00				

Time span=5.00-500.00 hrs, dt=0.05 hrs, 9901 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment1: Pre - South Runoff Area=4.910 ac 0.00% Impervious Runoff Depth=1.58"
Tc=10.0 min CN=55 Runoff=9.61 cfs 0.645 af

Subcatchment1A: Post 1A Runoff Area=6.030 ac 19.24% Impervious Runoff Depth=2.70"
Tc=6.0 min CN=68 Runoff=25.52 cfs 1.356 af

Subcatchment1B: Post 1B - Offsite Runoff Area=0.440 ac 11.36% Impervious Runoff Depth=2.42"
Tc=6.0 min CN=65 Runoff=1.67 cfs 0.089 af

Subcatchment2: Pre - West Runoff Area=2.540 ac 0.00% Impervious Runoff Depth=1.58"
Tc=6.0 min CN=55 Runoff=5.96 cfs 0.333 af

Subcatchment2A: Post 2A - Offsite Runoff Area=0.530 ac 11.32% Impervious Runoff Depth=2.42"
Tc=6.0 min CN=65 Runoff=2.01 cfs 0.107 af

Subcatchment3: Pre - North Runoff Area=27.590 ac 0.00% Impervious Runoff Depth=1.99"
Tc=10.0 min CN=60 Runoff=71.12 cfs 4.569 af

Subcatchment3A: Post 3A Runoff Area=10.600 ac 18.58% Impervious Runoff Depth=2.88"
Tc=6.0 min CN=70 Runoff=47.96 cfs 2.548 af

Subcatchment3B: Post 3B Runoff Area=8.450 ac 19.88% Impervious Runoff Depth=2.98"
Tc=6.0 min CN=71 Runoff=39.47 cfs 2.098 af

Subcatchment3C: Post 3C Runoff Area=2.490 ac 22.89% Impervious Runoff Depth=3.37"
Tc=6.0 min CN=75 Runoff=13.07 cfs 0.699 af

Subcatchment3D: Post 3D Runoff Area=2.380 ac 23.95% Impervious Runoff Depth=3.47"
Tc=6.0 min CN=76 Runoff=12.83 cfs 0.688 af

Subcatchment3E: Post 3E Runoff Area=2.780 ac 19.06% Impervious Runoff Depth=3.27"
Tc=6.0 min CN=74 Runoff=14.19 cfs 0.757 af

Subcatchment3Y: Post 3Y - Offsite Runoff Area=0.820 ac 36.59% Impervious Runoff Depth=4.18"
Tc=6.0 min CN=83 Runoff=5.20 cfs 0.286 af

Subcatchment3Z: Post 3Z - Offsite Runoff Area=0.520 ac 0.00% Impervious Runoff Depth=3.27"
Tc=6.0 min CN=74 Runoff=2.65 cfs 0.142 af

Subcatchment5S: Culvert 1 Runoff Area=4,797 sf 48.61% Impervious Runoff Depth=3.77"
Tc=6.0 min CN=79 Runoff=0.64 cfs 0.035 af

Subcatchment6S: Culvert 2 Runoff Area=24,708 sf 36.87% Impervious Runoff Depth=3.37"
Tc=6.0 min CN=75 Runoff=2.98 cfs 0.159 af

Subcatchment7S: Culvert 3 Runoff Area=41,517 sf 32.00% Impervious Runoff Depth=3.17"
Tc=6.0 min CN=73 Runoff=4.73 cfs 0.252 af

Subcatchment8S: Culvert 4 Runoff Area=209,603 sf 25.18% Impervious Runoff Depth=2.88"
Tc=6.0 min CN=70 Runoff=21.77 cfs 1.157 af

Subcatchment9S: Culvert 5 Runoff Area=188,836 sf 19.96% Impervious Runoff Depth=2.70"
Tc=6.0 min CN=68 Runoff=18.35 cfs 0.975 af

Pond P1A: Pond 1A Peak Elev=1,242.96' Storage=21,220 cf Inflow=25.52 cfs 1.356 af
Primary=5.93 cfs 0.818 af Secondary=0.69 cfs 0.537 af Tertiary=0.00 cfs 0.000 af Outflow=6.62 cfs 1.356 af

Pond P3A: Pond 3A Peak Elev=1,197.22' Storage=42,103 cf Inflow=47.96 cfs 2.548 af
Primary=7.30 cfs 1.598 af Secondary=1.00 cfs 0.844 af Tertiary=5.43 cfs 0.106 af Outflow=13.73 cfs 2.548 af

Pond P3B: Pond 3B Peak Elev=1,199.47' Storage=28,439 cf Inflow=39.47 cfs 2.098 af
Primary=6.51 cfs 1.159 af Secondary=0.83 cfs 0.668 af Tertiary=17.18 cfs 0.271 af Outflow=24.52 cfs 2.098 af

Pond P3C: Pond 3C Peak Elev=1,181.10' Storage=10,244 cf Inflow=13.07 cfs 0.699 af
Primary=4.78 cfs 0.358 af Secondary=0.39 cfs 0.326 af Tertiary=1.62 cfs 0.014 af Outflow=6.79 cfs 0.699 af

Pond P3D: Pond 3D Peak Elev=1,191.05' Storage=8,209 cf Inflow=12.83 cfs 0.688 af
Primary=6.04 cfs 0.488 af Secondary=0.28 cfs 0.196 af Tertiary=0.57 cfs 0.004 af Outflow=6.89 cfs 0.688 af

Pond P3E: Pond 3E Peak Elev=1,219.11' Storage=11,171 cf Inflow=14.19 cfs 0.757 af
Primary=4.80 cfs 0.380 af Secondary=0.39 cfs 0.361 af Tertiary=1.93 cfs 0.016 af Outflow=7.12 cfs 0.757 af

Link 1L: Total Pre - Development Inflow=85.40 cfs 5.547 af
Primary=85.40 cfs 5.547 af

Link 2L: Total Post - Development Inflow=41.84 cfs 5.425 af
Primary=41.84 cfs 5.425 af

Link 3L: Post - South Inflow=6.55 cfs 0.907 af
Primary=6.55 cfs 0.907 af

Link 4L: Post - North Inflow=34.01 cfs 4.411 af
Primary=34.01 cfs 4.411 af

Total Runoff Area = 80.857 ac Runoff Volume = 16.893 af Average Runoff Depth = 2.51"
88.21% Pervious = 71.323 ac 11.79% Impervious = 9.534 ac

Summary for Subcatchment 1: Pre - South

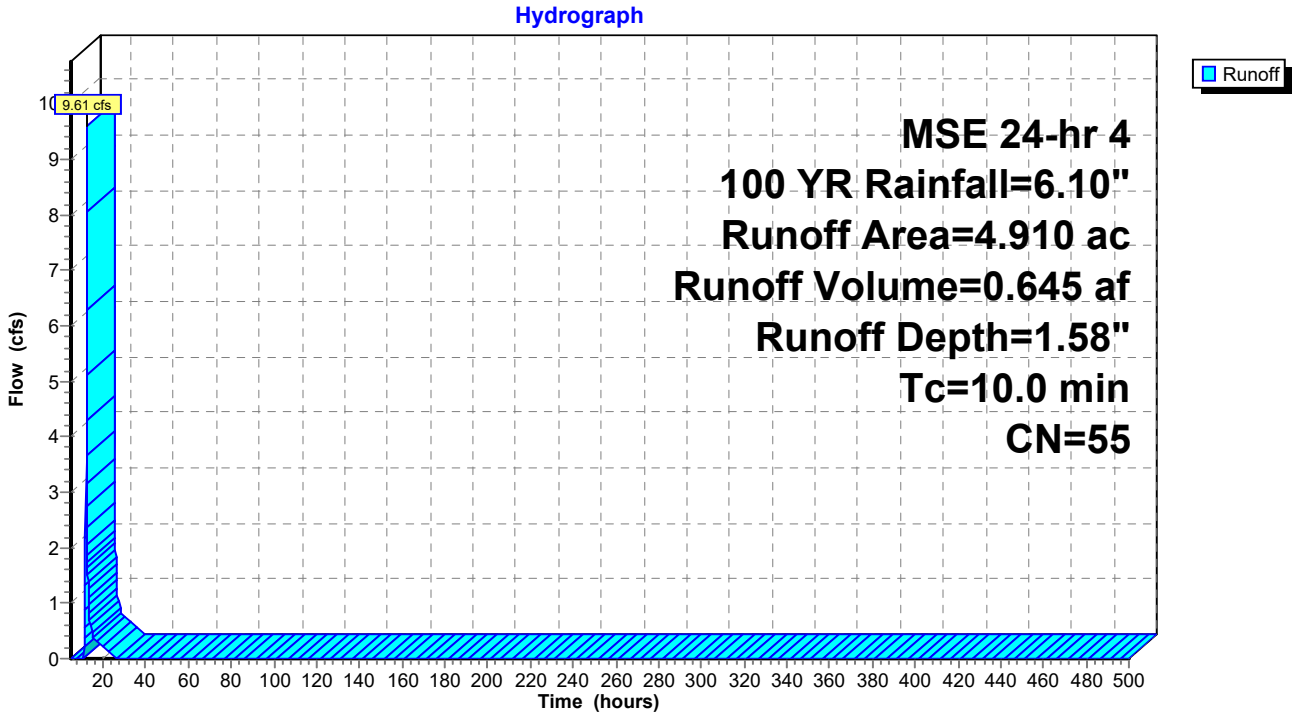
Runoff = 9.61 cfs @ 12.19 hrs, Volume= 0.645 af, Depth= 1.58"
Routed to Link 1L : Total Pre - Development

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 100 YR Rainfall=6.10"

	Area (ac)	CN	Description
*	4.910	55	Pre Dev - B Soils
	4.910		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					**Direct Entry,**

Subcatchment 1: Pre - South



Hydrograph for Subcatchment 1: Pre - South

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.28	0.00	0.00	260.00	6.10	1.58	0.00
10.00	0.97	0.00	**0.00**	265.00	6.10	1.58	0.00
15.00	5.36	1.17	**0.57**	270.00	6.10	1.58	0.00
20.00	**5.90**	**1.46**	0.22	275.00	6.10	1.58	0.00
25.00	**6.10**	**1.58**	0.00	280.00	6.10	1.58	0.00
30.00	6.10	1.58	0.00	285.00	6.10	1.58	0.00
35.00	6.10	1.58	0.00	290.00	6.10	1.58	0.00
40.00	6.10	1.58	0.00	295.00	6.10	1.58	0.00
45.00	6.10	1.58	0.00	300.00	6.10	1.58	0.00
50.00	6.10	1.58	0.00	305.00	6.10	1.58	0.00
55.00	6.10	1.58	0.00	310.00	6.10	1.58	0.00
60.00	6.10	1.58	0.00	315.00	6.10	1.58	0.00
65.00	6.10	1.58	0.00	320.00	6.10	1.58	0.00
70.00	6.10	1.58	0.00	325.00	6.10	1.58	0.00
75.00	6.10	1.58	0.00	330.00	6.10	1.58	0.00
80.00	6.10	1.58	0.00	335.00	6.10	1.58	0.00
85.00	6.10	1.58	0.00	340.00	6.10	1.58	0.00
90.00	6.10	1.58	0.00	345.00	6.10	1.58	0.00
95.00	6.10	1.58	0.00	350.00	6.10	1.58	0.00
100.00	6.10	1.58	0.00	355.00	6.10	1.58	0.00
105.00	6.10	1.58	0.00	360.00	6.10	1.58	0.00
110.00	6.10	1.58	0.00	365.00	6.10	1.58	0.00
115.00	6.10	1.58	0.00	370.00	6.10	1.58	0.00
120.00	6.10	1.58	0.00	375.00	6.10	1.58	0.00
125.00	6.10	1.58	0.00	380.00	6.10	1.58	0.00
130.00	6.10	1.58	0.00	385.00	6.10	1.58	0.00
135.00	6.10	1.58	0.00	390.00	6.10	1.58	0.00
140.00	6.10	1.58	0.00	395.00	6.10	1.58	0.00
145.00	6.10	1.58	0.00	400.00	6.10	1.58	0.00
150.00	6.10	1.58	0.00	405.00	6.10	1.58	0.00
155.00	6.10	1.58	0.00	410.00	6.10	1.58	0.00
160.00	6.10	1.58	0.00	415.00	6.10	1.58	0.00
165.00	6.10	1.58	0.00	420.00	6.10	1.58	0.00
170.00	6.10	1.58	0.00	425.00	6.10	1.58	0.00
175.00	6.10	1.58	0.00	430.00	6.10	1.58	0.00
180.00	6.10	1.58	0.00	435.00	6.10	1.58	0.00
185.00	6.10	1.58	0.00	440.00	6.10	1.58	0.00
190.00	6.10	1.58	0.00	445.00	6.10	1.58	0.00
195.00	6.10	1.58	0.00	450.00	6.10	1.58	0.00
200.00	6.10	1.58	0.00	455.00	6.10	1.58	0.00
205.00	6.10	1.58	0.00	460.00	6.10	1.58	0.00
210.00	6.10	1.58	0.00	465.00	6.10	1.58	0.00
215.00	6.10	1.58	0.00	470.00	6.10	1.58	0.00
220.00	6.10	1.58	0.00	475.00	6.10	1.58	0.00
225.00	6.10	1.58	0.00	480.00	6.10	1.58	0.00
230.00	6.10	1.58	0.00	485.00	6.10	1.58	0.00
235.00	6.10	1.58	0.00	490.00	6.10	1.58	0.00
240.00	6.10	1.58	0.00	495.00	6.10	1.58	0.00
245.00	6.10	1.58	0.00	500.00	6.10	1.58	0.00
250.00	6.10	1.58	0.00				
255.00	6.10	1.58	0.00				

Summary for Subcatchment 1A: Post 1A

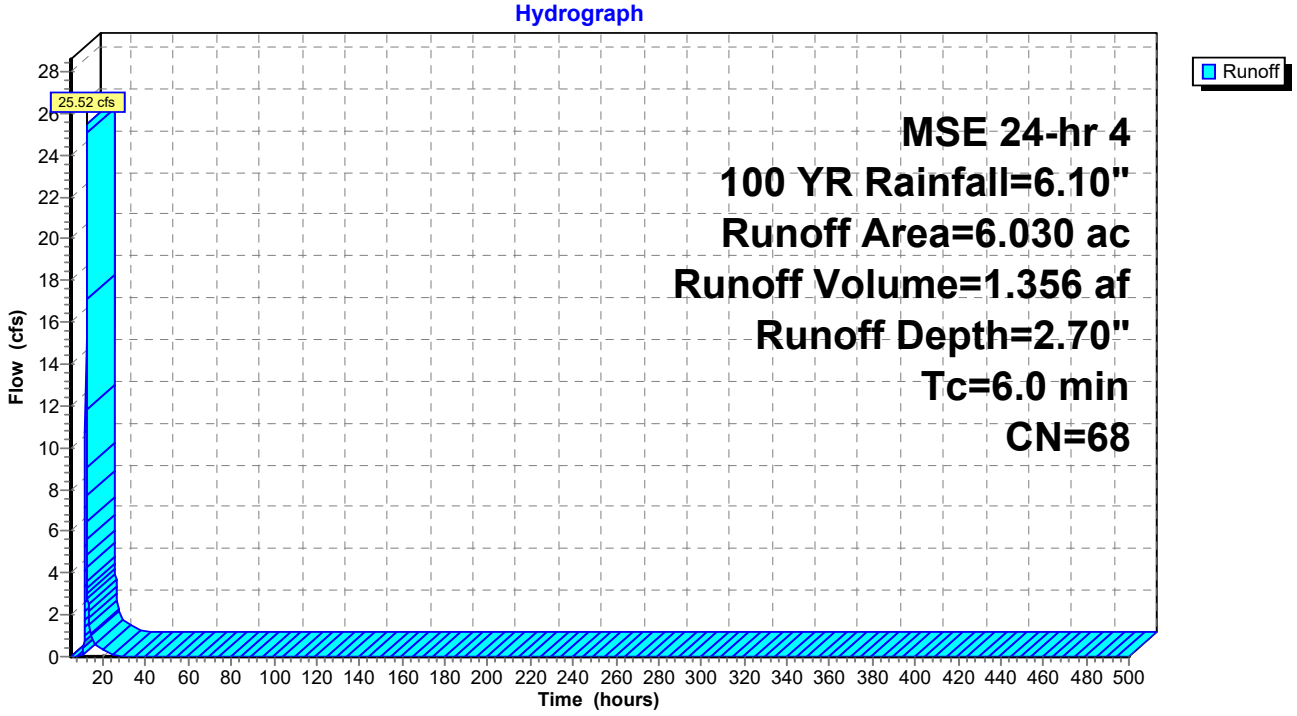
Runoff = 25.52 cfs @ 12.14 hrs, Volume= 1.356 af, Depth= 2.70"
Routed to Pond P1A : Pond 1A

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 100 YR Rainfall=6.10"

	Area (ac)	CN	Description
*	1.160	98	Impervious
*	4.870	61	Post - B Soils
*	0.000	74	Post - C Soils
	6.030	68	Weighted Average
	4.870		80.76% Pervious Area
	1.160		19.24% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 1A: Post 1A



Hydrograph for Subcatchment 1A: Post 1A

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.28	0.00	0.00	260.00	6.10	2.70	0.00
10.00	0.97	0.00	**0.00**	265.00	6.10	2.70	0.00
15.00	5.36	2.14	**0.96**	270.00	6.10	2.70	0.00
20.00	**5.90**	**2.55**	0.36	275.00	6.10	2.70	0.00
25.00	**6.10**	**2.70**	0.00	280.00	6.10	2.70	0.00
30.00	6.10	2.70	0.00	285.00	6.10	2.70	0.00
35.00	6.10	2.70	0.00	290.00	6.10	2.70	0.00
40.00	6.10	2.70	0.00	295.00	6.10	2.70	0.00
45.00	6.10	2.70	0.00	300.00	6.10	2.70	0.00
50.00	6.10	2.70	0.00	305.00	6.10	2.70	0.00
55.00	6.10	2.70	0.00	310.00	6.10	2.70	0.00
60.00	6.10	2.70	0.00	315.00	6.10	2.70	0.00
65.00	6.10	2.70	0.00	320.00	6.10	2.70	0.00
70.00	6.10	2.70	0.00	325.00	6.10	2.70	0.00
75.00	6.10	2.70	0.00	330.00	6.10	2.70	0.00
80.00	6.10	2.70	0.00	335.00	6.10	2.70	0.00
85.00	6.10	2.70	0.00	340.00	6.10	2.70	0.00
90.00	6.10	2.70	0.00	345.00	6.10	2.70	0.00
95.00	6.10	2.70	0.00	350.00	6.10	2.70	0.00
100.00	6.10	2.70	0.00	355.00	6.10	2.70	0.00
105.00	6.10	2.70	0.00	360.00	6.10	2.70	0.00
110.00	6.10	2.70	0.00	365.00	6.10	2.70	0.00
115.00	6.10	2.70	0.00	370.00	6.10	2.70	0.00
120.00	6.10	2.70	0.00	375.00	6.10	2.70	0.00
125.00	6.10	2.70	0.00	380.00	6.10	2.70	0.00
130.00	6.10	2.70	0.00	385.00	6.10	2.70	0.00
135.00	6.10	2.70	0.00	390.00	6.10	2.70	0.00
140.00	6.10	2.70	0.00	395.00	6.10	2.70	0.00
145.00	6.10	2.70	0.00	400.00	6.10	2.70	0.00
150.00	6.10	2.70	0.00	405.00	6.10	2.70	0.00
155.00	6.10	2.70	0.00	410.00	6.10	2.70	0.00
160.00	6.10	2.70	0.00	415.00	6.10	2.70	0.00
165.00	6.10	2.70	0.00	420.00	6.10	2.70	0.00
170.00	6.10	2.70	0.00	425.00	6.10	2.70	0.00
175.00	6.10	2.70	0.00	430.00	6.10	2.70	0.00
180.00	6.10	2.70	0.00	435.00	6.10	2.70	0.00
185.00	6.10	2.70	0.00	440.00	6.10	2.70	0.00
190.00	6.10	2.70	0.00	445.00	6.10	2.70	0.00
195.00	6.10	2.70	0.00	450.00	6.10	2.70	0.00
200.00	6.10	2.70	0.00	455.00	6.10	2.70	0.00
205.00	6.10	2.70	0.00	460.00	6.10	2.70	0.00
210.00	6.10	2.70	0.00	465.00	6.10	2.70	0.00
215.00	6.10	2.70	0.00	470.00	6.10	2.70	0.00
220.00	6.10	2.70	0.00	475.00	6.10	2.70	0.00
225.00	6.10	2.70	0.00	480.00	6.10	2.70	0.00
230.00	6.10	2.70	0.00	485.00	6.10	2.70	0.00
235.00	6.10	2.70	0.00	490.00	6.10	2.70	0.00
240.00	6.10	2.70	0.00	495.00	6.10	2.70	0.00
245.00	6.10	2.70	0.00	500.00	6.10	2.70	0.00
250.00	6.10	2.70	0.00				
255.00	6.10	2.70	0.00				

Summary for Subcatchment 1B: Post 1B - Offsite

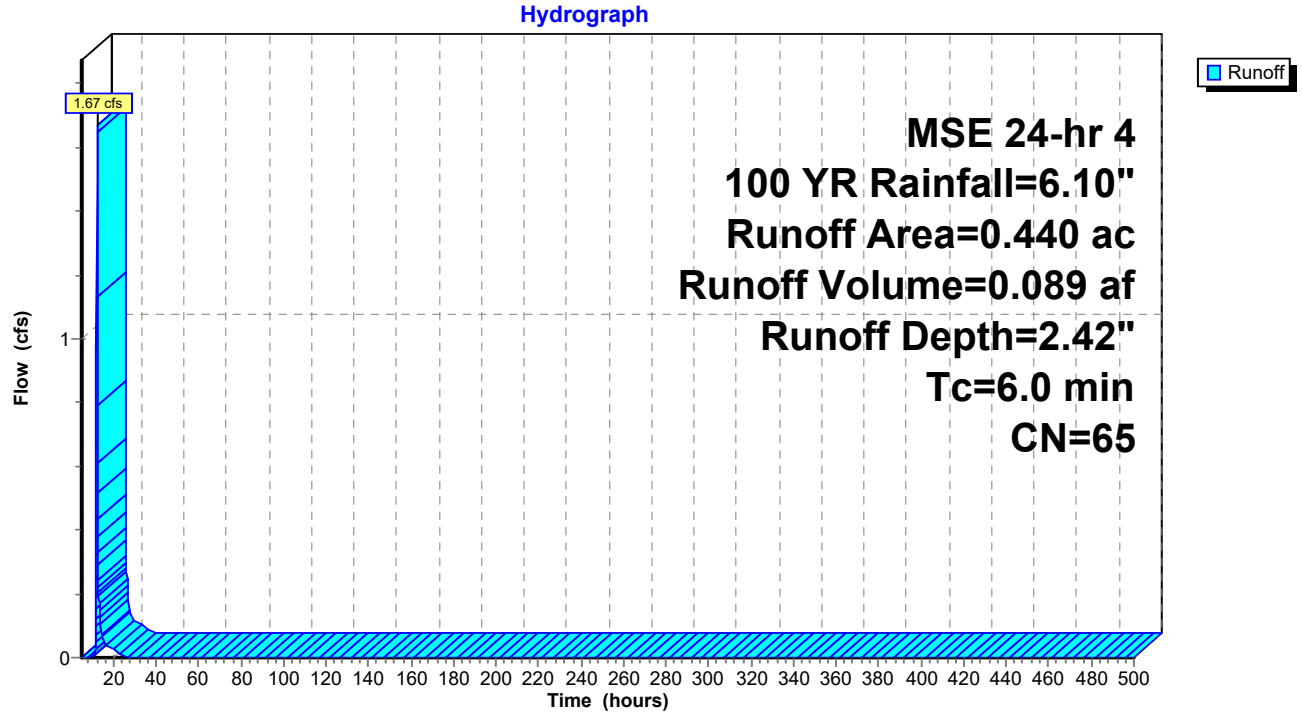
Runoff = 1.67 cfs @ 12.14 hrs, Volume= 0.089 af, Depth= 2.42"
Routed to Link 3L : Post - South

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 100 YR Rainfall=6.10"

	Area (ac)	CN	Description
*	0.050	98	Impervious
*	0.390	61	Post - B Soils
*	0.000	74	Post - C Soils
	0.440	65	Weighted Average
	0.390		88.64% Pervious Area
	0.050		11.36% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 1B: Post 1B - Offsite



Hydrograph for Subcatchment 1B: Post 1B - Offsite

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.28	0.00	0.00	260.00	6.10	2.42	0.00
10.00	0.97	0.00	**0.00**	265.00	6.10	2.42	0.00
15.00	5.36	1.90	**0.07**	270.00	6.10	2.42	0.00
20.00	**5.90**	**2.28**	0.02	275.00	6.10	2.42	0.00
25.00	**6.10**	**2.42**	0.00	280.00	6.10	2.42	0.00
30.00	6.10	2.42	0.00	285.00	6.10	2.42	0.00
35.00	6.10	2.42	0.00	290.00	6.10	2.42	0.00
40.00	6.10	2.42	0.00	295.00	6.10	2.42	0.00
45.00	6.10	2.42	0.00	300.00	6.10	2.42	0.00
50.00	6.10	2.42	0.00	305.00	6.10	2.42	0.00
55.00	6.10	2.42	0.00	310.00	6.10	2.42	0.00
60.00	6.10	2.42	0.00	315.00	6.10	2.42	0.00
65.00	6.10	2.42	0.00	320.00	6.10	2.42	0.00
70.00	6.10	2.42	0.00	325.00	6.10	2.42	0.00
75.00	6.10	2.42	0.00	330.00	6.10	2.42	0.00
80.00	6.10	2.42	0.00	335.00	6.10	2.42	0.00
85.00	6.10	2.42	0.00	340.00	6.10	2.42	0.00
90.00	6.10	2.42	0.00	345.00	6.10	2.42	0.00
95.00	6.10	2.42	0.00	350.00	6.10	2.42	0.00
100.00	6.10	2.42	0.00	355.00	6.10	2.42	0.00
105.00	6.10	2.42	0.00	360.00	6.10	2.42	0.00
110.00	6.10	2.42	0.00	365.00	6.10	2.42	0.00
115.00	6.10	2.42	0.00	370.00	6.10	2.42	0.00
120.00	6.10	2.42	0.00	375.00	6.10	2.42	0.00
125.00	6.10	2.42	0.00	380.00	6.10	2.42	0.00
130.00	6.10	2.42	0.00	385.00	6.10	2.42	0.00
135.00	6.10	2.42	0.00	390.00	6.10	2.42	0.00
140.00	6.10	2.42	0.00	395.00	6.10	2.42	0.00
145.00	6.10	2.42	0.00	400.00	6.10	2.42	0.00
150.00	6.10	2.42	0.00	405.00	6.10	2.42	0.00
155.00	6.10	2.42	0.00	410.00	6.10	2.42	0.00
160.00	6.10	2.42	0.00	415.00	6.10	2.42	0.00
165.00	6.10	2.42	0.00	420.00	6.10	2.42	0.00
170.00	6.10	2.42	0.00	425.00	6.10	2.42	0.00
175.00	6.10	2.42	0.00	430.00	6.10	2.42	0.00
180.00	6.10	2.42	0.00	435.00	6.10	2.42	0.00
185.00	6.10	2.42	0.00	440.00	6.10	2.42	0.00
190.00	6.10	2.42	0.00	445.00	6.10	2.42	0.00
195.00	6.10	2.42	0.00	450.00	6.10	2.42	0.00
200.00	6.10	2.42	0.00	455.00	6.10	2.42	0.00
205.00	6.10	2.42	0.00	460.00	6.10	2.42	0.00
210.00	6.10	2.42	0.00	465.00	6.10	2.42	0.00
215.00	6.10	2.42	0.00	470.00	6.10	2.42	0.00
220.00	6.10	2.42	0.00	475.00	6.10	2.42	0.00
225.00	6.10	2.42	0.00	480.00	6.10	2.42	0.00
230.00	6.10	2.42	0.00	485.00	6.10	2.42	0.00
235.00	6.10	2.42	0.00	490.00	6.10	2.42	0.00
240.00	6.10	2.42	0.00	495.00	6.10	2.42	0.00
245.00	6.10	2.42	0.00	500.00	6.10	2.42	0.00
250.00	6.10	2.42	0.00				
255.00	6.10	2.42	0.00				

Summary for Subcatchment 2: Pre - West

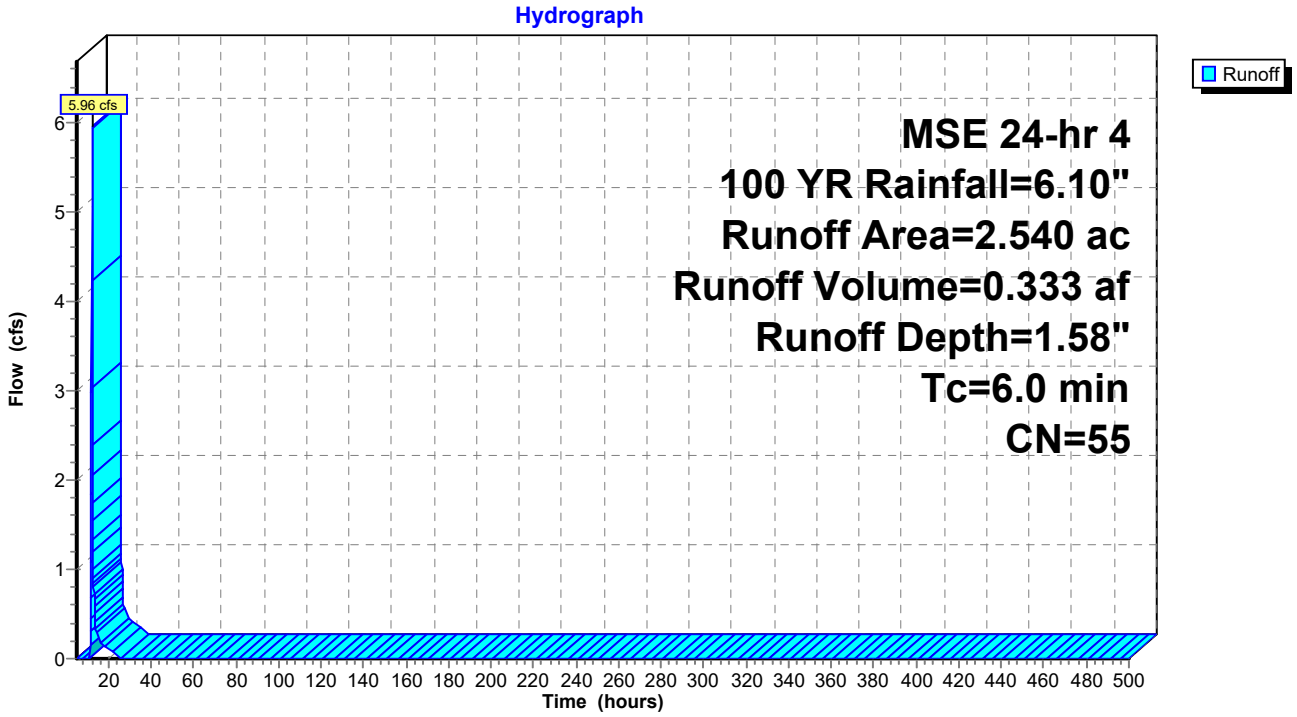
Runoff = 5.96 cfs @ 12.14 hrs, Volume= 0.333 af, Depth= 1.58"
Routed to Link 1L : Total Pre - Development

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 100 YR Rainfall=6.10"

	Area (ac)	CN	Description
*	2.540	55	Pre Dev - B Soils
	2.540		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 2: Pre - West



Hydrograph for Subcatchment 2: Pre - West

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.28	0.00	0.00	260.00	6.10	1.58	0.00
10.00	0.97	0.00	**0.00**	265.00	6.10	1.58	0.00
15.00	5.36	1.17	**0.29**	270.00	6.10	1.58	0.00
20.00	**5.90**	**1.46**	0.11	275.00	6.10	1.58	0.00
25.00	**6.10**	**1.58**	0.00	280.00	6.10	1.58	0.00
30.00	6.10	1.58	0.00	285.00	6.10	1.58	0.00
35.00	6.10	1.58	0.00	290.00	6.10	1.58	0.00
40.00	6.10	1.58	0.00	295.00	6.10	1.58	0.00
45.00	6.10	1.58	0.00	300.00	6.10	1.58	0.00
50.00	6.10	1.58	0.00	305.00	6.10	1.58	0.00
55.00	6.10	1.58	0.00	310.00	6.10	1.58	0.00
60.00	6.10	1.58	0.00	315.00	6.10	1.58	0.00
65.00	6.10	1.58	0.00	320.00	6.10	1.58	0.00
70.00	6.10	1.58	0.00	325.00	6.10	1.58	0.00
75.00	6.10	1.58	0.00	330.00	6.10	1.58	0.00
80.00	6.10	1.58	0.00	335.00	6.10	1.58	0.00
85.00	6.10	1.58	0.00	340.00	6.10	1.58	0.00
90.00	6.10	1.58	0.00	345.00	6.10	1.58	0.00
95.00	6.10	1.58	0.00	350.00	6.10	1.58	0.00
100.00	6.10	1.58	0.00	355.00	6.10	1.58	0.00
105.00	6.10	1.58	0.00	360.00	6.10	1.58	0.00
110.00	6.10	1.58	0.00	365.00	6.10	1.58	0.00
115.00	6.10	1.58	0.00	370.00	6.10	1.58	0.00
120.00	6.10	1.58	0.00	375.00	6.10	1.58	0.00
125.00	6.10	1.58	0.00	380.00	6.10	1.58	0.00
130.00	6.10	1.58	0.00	385.00	6.10	1.58	0.00
135.00	6.10	1.58	0.00	390.00	6.10	1.58	0.00
140.00	6.10	1.58	0.00	395.00	6.10	1.58	0.00
145.00	6.10	1.58	0.00	400.00	6.10	1.58	0.00
150.00	6.10	1.58	0.00	405.00	6.10	1.58	0.00
155.00	6.10	1.58	0.00	410.00	6.10	1.58	0.00
160.00	6.10	1.58	0.00	415.00	6.10	1.58	0.00
165.00	6.10	1.58	0.00	420.00	6.10	1.58	0.00
170.00	6.10	1.58	0.00	425.00	6.10	1.58	0.00
175.00	6.10	1.58	0.00	430.00	6.10	1.58	0.00
180.00	6.10	1.58	0.00	435.00	6.10	1.58	0.00
185.00	6.10	1.58	0.00	440.00	6.10	1.58	0.00
190.00	6.10	1.58	0.00	445.00	6.10	1.58	0.00
195.00	6.10	1.58	0.00	450.00	6.10	1.58	0.00
200.00	6.10	1.58	0.00	455.00	6.10	1.58	0.00
205.00	6.10	1.58	0.00	460.00	6.10	1.58	0.00
210.00	6.10	1.58	0.00	465.00	6.10	1.58	0.00
215.00	6.10	1.58	0.00	470.00	6.10	1.58	0.00
220.00	6.10	1.58	0.00	475.00	6.10	1.58	0.00
225.00	6.10	1.58	0.00	480.00	6.10	1.58	0.00
230.00	6.10	1.58	0.00	485.00	6.10	1.58	0.00
235.00	6.10	1.58	0.00	490.00	6.10	1.58	0.00
240.00	6.10	1.58	0.00	495.00	6.10	1.58	0.00
245.00	6.10	1.58	0.00	500.00	6.10	1.58	0.00
250.00	6.10	1.58	0.00				
255.00	6.10	1.58	0.00				

Summary for Subcatchment 2A: Post 2A - Offsite

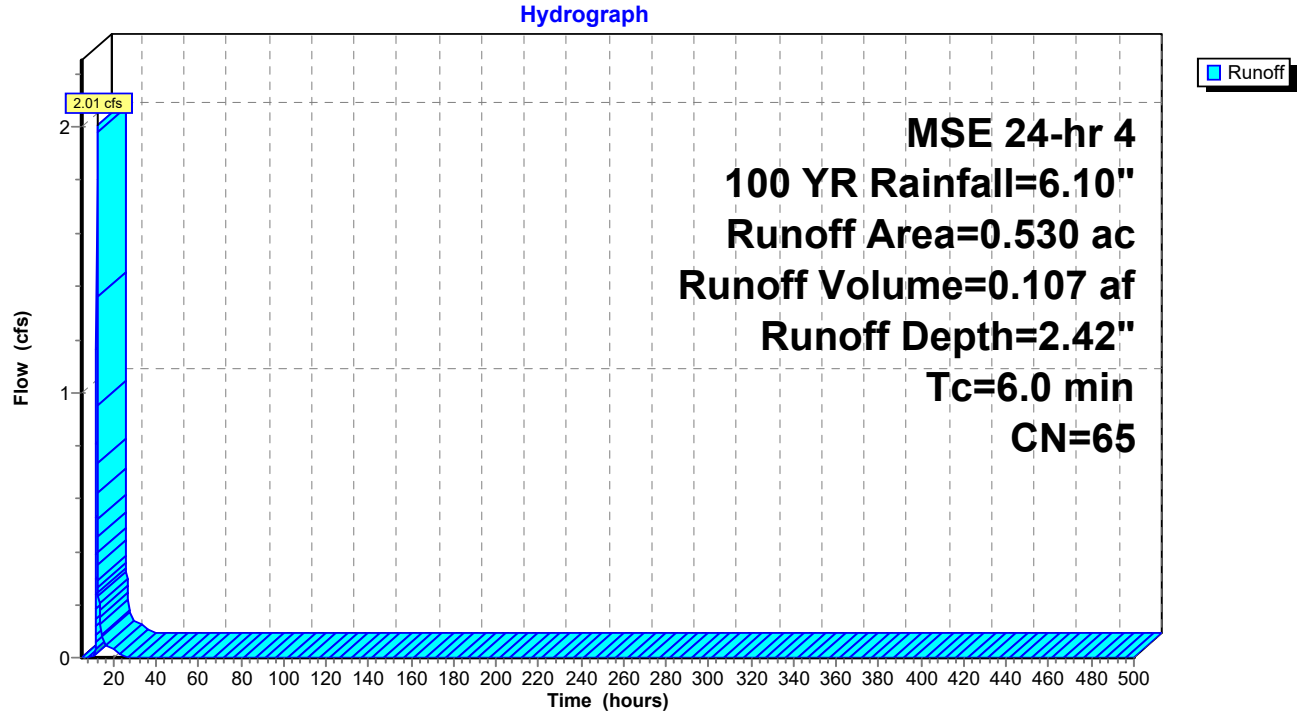
Runoff = 2.01 cfs @ 12.14 hrs, Volume= 0.107 af, Depth= 2.42"
Routed to Link 2L : Total Post - Development

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 100 YR Rainfall=6.10"

	Area (ac)	CN	Description
*	0.060	98	Impervious
*	0.470	61	Post - B Soils
*	0.000	74	Post - C Soils
	0.530	65	Weighted Average
	0.470		88.68% Pervious Area
	0.060		11.32% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 2A: Post 2A - Offsite



Hydrograph for Subcatchment 2A: Post 2A - Offsite

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.28	0.00	0.00	260.00	6.10	2.42	0.00
10.00	0.97	0.00	**0.00**	265.00	6.10	2.42	0.00
15.00	5.36	1.90	**0.08**	270.00	6.10	2.42	0.00
20.00	**5.90**	**2.28**	0.03	275.00	6.10	2.42	0.00
25.00	**6.10**	**2.42**	0.00	280.00	6.10	2.42	0.00
30.00	6.10	2.42	0.00	285.00	6.10	2.42	0.00
35.00	6.10	2.42	0.00	290.00	6.10	2.42	0.00
40.00	6.10	2.42	0.00	295.00	6.10	2.42	0.00
45.00	6.10	2.42	0.00	300.00	6.10	2.42	0.00
50.00	6.10	2.42	0.00	305.00	6.10	2.42	0.00
55.00	6.10	2.42	0.00	310.00	6.10	2.42	0.00
60.00	6.10	2.42	0.00	315.00	6.10	2.42	0.00
65.00	6.10	2.42	0.00	320.00	6.10	2.42	0.00
70.00	6.10	2.42	0.00	325.00	6.10	2.42	0.00
75.00	6.10	2.42	0.00	330.00	6.10	2.42	0.00
80.00	6.10	2.42	0.00	335.00	6.10	2.42	0.00
85.00	6.10	2.42	0.00	340.00	6.10	2.42	0.00
90.00	6.10	2.42	0.00	345.00	6.10	2.42	0.00
95.00	6.10	2.42	0.00	350.00	6.10	2.42	0.00
100.00	6.10	2.42	0.00	355.00	6.10	2.42	0.00
105.00	6.10	2.42	0.00	360.00	6.10	2.42	0.00
110.00	6.10	2.42	0.00	365.00	6.10	2.42	0.00
115.00	6.10	2.42	0.00	370.00	6.10	2.42	0.00
120.00	6.10	2.42	0.00	375.00	6.10	2.42	0.00
125.00	6.10	2.42	0.00	380.00	6.10	2.42	0.00
130.00	6.10	2.42	0.00	385.00	6.10	2.42	0.00
135.00	6.10	2.42	0.00	390.00	6.10	2.42	0.00
140.00	6.10	2.42	0.00	395.00	6.10	2.42	0.00
145.00	6.10	2.42	0.00	400.00	6.10	2.42	0.00
150.00	6.10	2.42	0.00	405.00	6.10	2.42	0.00
155.00	6.10	2.42	0.00	410.00	6.10	2.42	0.00
160.00	6.10	2.42	0.00	415.00	6.10	2.42	0.00
165.00	6.10	2.42	0.00	420.00	6.10	2.42	0.00
170.00	6.10	2.42	0.00	425.00	6.10	2.42	0.00
175.00	6.10	2.42	0.00	430.00	6.10	2.42	0.00
180.00	6.10	2.42	0.00	435.00	6.10	2.42	0.00
185.00	6.10	2.42	0.00	440.00	6.10	2.42	0.00
190.00	6.10	2.42	0.00	445.00	6.10	2.42	0.00
195.00	6.10	2.42	0.00	450.00	6.10	2.42	0.00
200.00	6.10	2.42	0.00	455.00	6.10	2.42	0.00
205.00	6.10	2.42	0.00	460.00	6.10	2.42	0.00
210.00	6.10	2.42	0.00	465.00	6.10	2.42	0.00
215.00	6.10	2.42	0.00	470.00	6.10	2.42	0.00
220.00	6.10	2.42	0.00	475.00	6.10	2.42	0.00
225.00	6.10	2.42	0.00	480.00	6.10	2.42	0.00
230.00	6.10	2.42	0.00	485.00	6.10	2.42	0.00
235.00	6.10	2.42	0.00	490.00	6.10	2.42	0.00
240.00	6.10	2.42	0.00	495.00	6.10	2.42	0.00
245.00	6.10	2.42	0.00	500.00	6.10	2.42	0.00
250.00	6.10	2.42	0.00				
255.00	6.10	2.42	0.00				

Summary for Subcatchment 3: Pre - North

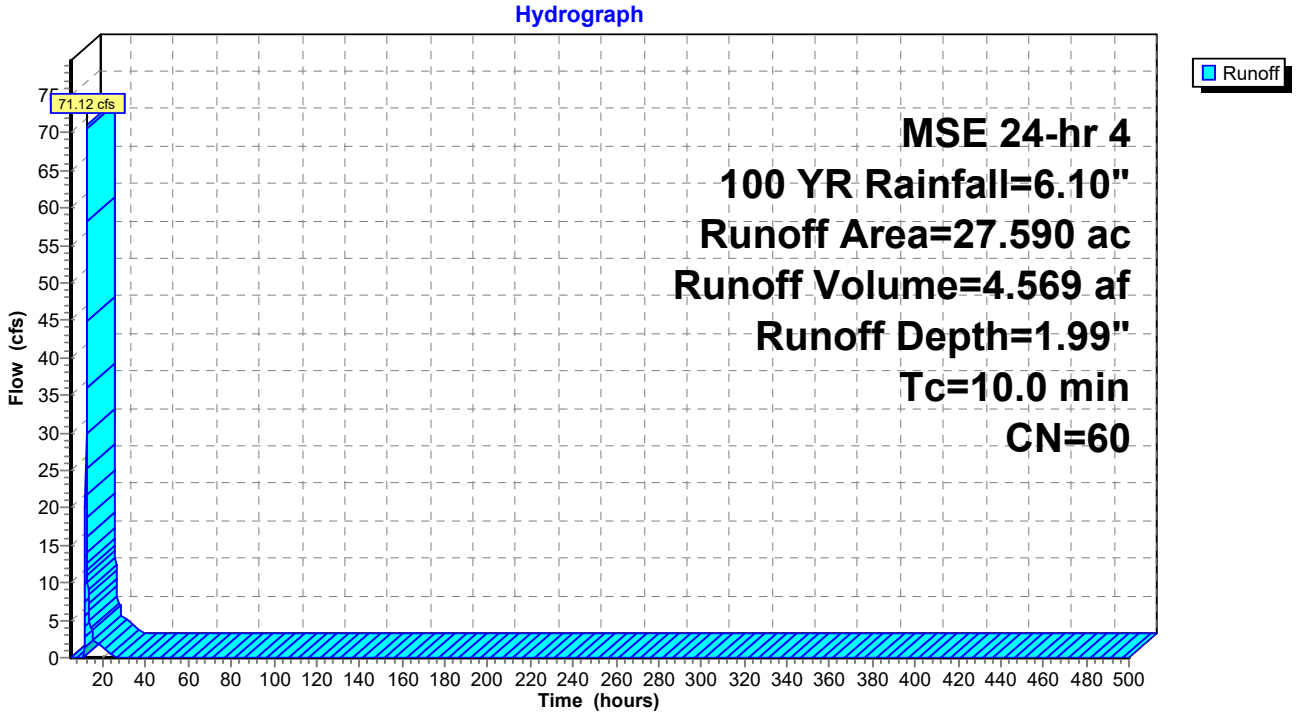
Runoff = 71.12 cfs @ 12.19 hrs, Volume= 4.569 af, Depth= 1.99"
Routed to Link 1L : Total Pre - Development

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 100 YR Rainfall=6.10"

	Area (ac)	CN	Description
*	18.190	55	Pre Dev - B Soils
*	9.400	70	Pre Dev - C Soils
	27.590	60	Weighted Average
	27.590		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.0					**Direct Entry,**

Subcatchment 3: Pre - North



Hydrograph for Subcatchment 3: Pre - North

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.28	0.00	0.00	260.00	6.10	1.99	0.00
10.00	0.97	0.00	**0.00**	265.00	6.10	1.99	0.00
15.00	5.36	1.52	**3.69**	270.00	6.10	1.99	0.00
20.00	**5.90**	**1.86**	1.40	275.00	6.10	1.99	0.00
25.00	**6.10**	**1.99**	0.00	280.00	6.10	1.99	0.00
30.00	6.10	1.99	0.00	285.00	6.10	1.99	0.00
35.00	6.10	1.99	0.00	290.00	6.10	1.99	0.00
40.00	6.10	1.99	0.00	295.00	6.10	1.99	0.00
45.00	6.10	1.99	0.00	300.00	6.10	1.99	0.00
50.00	6.10	1.99	0.00	305.00	6.10	1.99	0.00
55.00	6.10	1.99	0.00	310.00	6.10	1.99	0.00
60.00	6.10	1.99	0.00	315.00	6.10	1.99	0.00
65.00	6.10	1.99	0.00	320.00	6.10	1.99	0.00
70.00	6.10	1.99	0.00	325.00	6.10	1.99	0.00
75.00	6.10	1.99	0.00	330.00	6.10	1.99	0.00
80.00	6.10	1.99	0.00	335.00	6.10	1.99	0.00
85.00	6.10	1.99	0.00	340.00	6.10	1.99	0.00
90.00	6.10	1.99	0.00	345.00	6.10	1.99	0.00
95.00	6.10	1.99	0.00	350.00	6.10	1.99	0.00
100.00	6.10	1.99	0.00	355.00	6.10	1.99	0.00
105.00	6.10	1.99	0.00	360.00	6.10	1.99	0.00
110.00	6.10	1.99	0.00	365.00	6.10	1.99	0.00
115.00	6.10	1.99	0.00	370.00	6.10	1.99	0.00
120.00	6.10	1.99	0.00	375.00	6.10	1.99	0.00
125.00	6.10	1.99	0.00	380.00	6.10	1.99	0.00
130.00	6.10	1.99	0.00	385.00	6.10	1.99	0.00
135.00	6.10	1.99	0.00	390.00	6.10	1.99	0.00
140.00	6.10	1.99	0.00	395.00	6.10	1.99	0.00
145.00	6.10	1.99	0.00	400.00	6.10	1.99	0.00
150.00	6.10	1.99	0.00	405.00	6.10	1.99	0.00
155.00	6.10	1.99	0.00	410.00	6.10	1.99	0.00
160.00	6.10	1.99	0.00	415.00	6.10	1.99	0.00
165.00	6.10	1.99	0.00	420.00	6.10	1.99	0.00
170.00	6.10	1.99	0.00	425.00	6.10	1.99	0.00
175.00	6.10	1.99	0.00	430.00	6.10	1.99	0.00
180.00	6.10	1.99	0.00	435.00	6.10	1.99	0.00
185.00	6.10	1.99	0.00	440.00	6.10	1.99	0.00
190.00	6.10	1.99	0.00	445.00	6.10	1.99	0.00
195.00	6.10	1.99	0.00	450.00	6.10	1.99	0.00
200.00	6.10	1.99	0.00	455.00	6.10	1.99	0.00
205.00	6.10	1.99	0.00	460.00	6.10	1.99	0.00
210.00	6.10	1.99	0.00	465.00	6.10	1.99	0.00
215.00	6.10	1.99	0.00	470.00	6.10	1.99	0.00
220.00	6.10	1.99	0.00	475.00	6.10	1.99	0.00
225.00	6.10	1.99	0.00	480.00	6.10	1.99	0.00
230.00	6.10	1.99	0.00	485.00	6.10	1.99	0.00
235.00	6.10	1.99	0.00	490.00	6.10	1.99	0.00
240.00	6.10	1.99	0.00	495.00	6.10	1.99	0.00
245.00	6.10	1.99	0.00	500.00	6.10	1.99	0.00
250.00	6.10	1.99	0.00				
255.00	6.10	1.99	0.00				

Summary for Subcatchment 3A: Post 3A

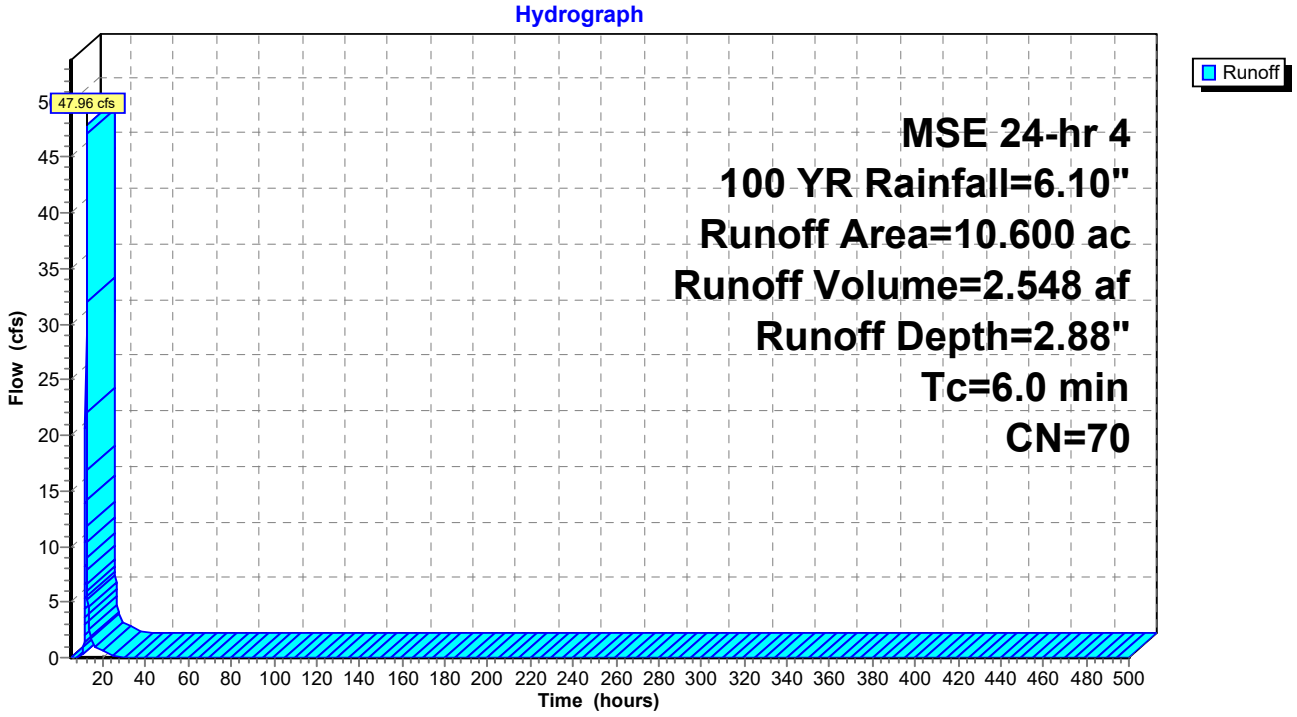
Runoff = 47.96 cfs @ 12.13 hrs, Volume= 2.548 af, Depth= 2.88"
Routed to Pond P3A : Pond 3A

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 100 YR Rainfall=6.10"

	Area (ac)	CN	Description
*	1.970	98	Impervious
*	6.570	61	Post - B Soils
*	2.060	74	Post - C Soils
	10.600	70	Weighted Average
	8.630		81.42% Pervious Area
	1.970		18.58% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3A: Post 3A



Hydrograph for Subcatchment 3A: Post 3A

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.28	0.00	0.00	260.00	6.10	2.88	0.00
10.00	0.97	0.00	**0.10**	265.00	6.10	2.88	0.00
15.00	5.36	2.31	**1.76**	270.00	6.10	2.88	0.00
20.00	**5.90**	**2.73**	0.65	275.00	6.10	2.88	0.00
25.00	**6.10**	**2.88**	0.00	280.00	6.10	2.88	0.00
30.00	6.10	2.88	0.00	285.00	6.10	2.88	0.00
35.00	6.10	2.88	0.00	290.00	6.10	2.88	0.00
40.00	6.10	2.88	0.00	295.00	6.10	2.88	0.00
45.00	6.10	2.88	0.00	300.00	6.10	2.88	0.00
50.00	6.10	2.88	0.00	305.00	6.10	2.88	0.00
55.00	6.10	2.88	0.00	310.00	6.10	2.88	0.00
60.00	6.10	2.88	0.00	315.00	6.10	2.88	0.00
65.00	6.10	2.88	0.00	320.00	6.10	2.88	0.00
70.00	6.10	2.88	0.00	325.00	6.10	2.88	0.00
75.00	6.10	2.88	0.00	330.00	6.10	2.88	0.00
80.00	6.10	2.88	0.00	335.00	6.10	2.88	0.00
85.00	6.10	2.88	0.00	340.00	6.10	2.88	0.00
90.00	6.10	2.88	0.00	345.00	6.10	2.88	0.00
95.00	6.10	2.88	0.00	350.00	6.10	2.88	0.00
100.00	6.10	2.88	0.00	355.00	6.10	2.88	0.00
105.00	6.10	2.88	0.00	360.00	6.10	2.88	0.00
110.00	6.10	2.88	0.00	365.00	6.10	2.88	0.00
115.00	6.10	2.88	0.00	370.00	6.10	2.88	0.00
120.00	6.10	2.88	0.00	375.00	6.10	2.88	0.00
125.00	6.10	2.88	0.00	380.00	6.10	2.88	0.00
130.00	6.10	2.88	0.00	385.00	6.10	2.88	0.00
135.00	6.10	2.88	0.00	390.00	6.10	2.88	0.00
140.00	6.10	2.88	0.00	395.00	6.10	2.88	0.00
145.00	6.10	2.88	0.00	400.00	6.10	2.88	0.00
150.00	6.10	2.88	0.00	405.00	6.10	2.88	0.00
155.00	6.10	2.88	0.00	410.00	6.10	2.88	0.00
160.00	6.10	2.88	0.00	415.00	6.10	2.88	0.00
165.00	6.10	2.88	0.00	420.00	6.10	2.88	0.00
170.00	6.10	2.88	0.00	425.00	6.10	2.88	0.00
175.00	6.10	2.88	0.00	430.00	6.10	2.88	0.00
180.00	6.10	2.88	0.00	435.00	6.10	2.88	0.00
185.00	6.10	2.88	0.00	440.00	6.10	2.88	0.00
190.00	6.10	2.88	0.00	445.00	6.10	2.88	0.00
195.00	6.10	2.88	0.00	450.00	6.10	2.88	0.00
200.00	6.10	2.88	0.00	455.00	6.10	2.88	0.00
205.00	6.10	2.88	0.00	460.00	6.10	2.88	0.00
210.00	6.10	2.88	0.00	465.00	6.10	2.88	0.00
215.00	6.10	2.88	0.00	470.00	6.10	2.88	0.00
220.00	6.10	2.88	0.00	475.00	6.10	2.88	0.00
225.00	6.10	2.88	0.00	480.00	6.10	2.88	0.00
230.00	6.10	2.88	0.00	485.00	6.10	2.88	0.00
235.00	6.10	2.88	0.00	490.00	6.10	2.88	0.00
240.00	6.10	2.88	0.00	495.00	6.10	2.88	0.00
245.00	6.10	2.88	0.00	500.00	6.10	2.88	0.00
250.00	6.10	2.88	0.00				
255.00	6.10	2.88	0.00				

Summary for Subcatchment 3B: Post 3B

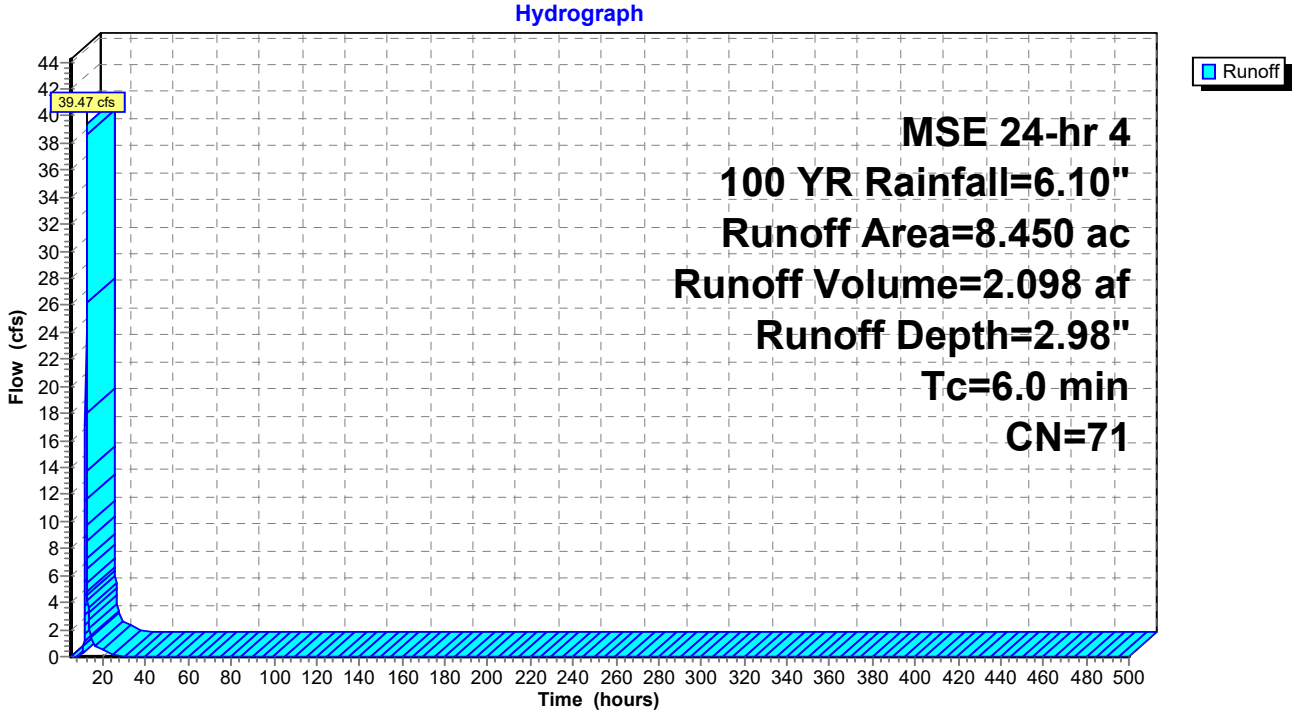
Runoff = 39.47 cfs @ 12.13 hrs, Volume= 2.098 af, Depth= 2.98"
Routed to Pond P3B : Pond 3B

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 100 YR Rainfall=6.10"

	Area (ac)	CN	Description
*	1.680	98	Impervious
*	5.290	61	Post - B Soils
*	1.480	74	Post - C Soils
	8.450	71	Weighted Average
	6.770		80.12% Pervious Area
	1.680		19.88% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3B: Post 3B



Hydrograph for Subcatchment 3B: Post 3B

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.28	0.00	0.00
10.00	0.97	0.01	**0.12**
15.00	5.36	2.39	**1.43**
20.00	**5.90**	**2.82**	0.52
25.00	**6.10**	**2.98**	0.00
30.00	6.10	2.98	0.00
35.00	6.10	2.98	0.00
40.00	6.10	2.98	0.00
45.00	6.10	2.98	0.00
50.00	6.10	2.98	0.00
55.00	6.10	2.98	0.00
60.00	6.10	2.98	0.00
65.00	6.10	2.98	0.00
70.00	6.10	2.98	0.00
75.00	6.10	2.98	0.00
80.00	6.10	2.98	0.00
85.00	6.10	2.98	0.00
90.00	6.10	2.98	0.00
95.00	6.10	2.98	0.00
100.00	6.10	2.98	0.00
105.00	6.10	2.98	0.00
110.00	6.10	2.98	0.00
115.00	6.10	2.98	0.00
120.00	6.10	2.98	0.00
125.00	6.10	2.98	0.00
130.00	6.10	2.98	0.00
135.00	6.10	2.98	0.00
140.00	6.10	2.98	0.00
145.00	6.10	2.98	0.00
150.00	6.10	2.98	0.00
155.00	6.10	2.98	0.00
160.00	6.10	2.98	0.00
165.00	6.10	2.98	0.00
170.00	6.10	2.98	0.00
175.00	6.10	2.98	0.00
180.00	6.10	2.98	0.00
185.00	6.10	2.98	0.00
190.00	6.10	2.98	0.00
195.00	6.10	2.98	0.00
200.00	6.10	2.98	0.00
205.00	6.10	2.98	0.00
210.00	6.10	2.98	0.00
215.00	6.10	2.98	0.00
220.00	6.10	2.98	0.00
225.00	6.10	2.98	0.00
230.00	6.10	2.98	0.00
235.00	6.10	2.98	0.00
240.00	6.10	2.98	0.00
245.00	6.10	2.98	0.00
250.00	6.10	2.98	0.00
255.00	6.10	2.98	0.00
260.00	6.10	2.98	0.00
265.00	6.10	2.98	0.00
270.00	6.10	2.98	0.00
275.00	6.10	2.98	0.00
280.00	6.10	2.98	0.00
285.00	6.10	2.98	0.00
290.00	6.10	2.98	0.00
295.00	6.10	2.98	0.00
300.00	6.10	2.98	0.00
305.00	6.10	2.98	0.00
310.00	6.10	2.98	0.00
315.00	6.10	2.98	0.00
320.00	6.10	2.98	0.00
325.00	6.10	2.98	0.00
330.00	6.10	2.98	0.00
335.00	6.10	2.98	0.00
340.00	6.10	2.98	0.00
345.00	6.10	2.98	0.00
350.00	6.10	2.98	0.00
355.00	6.10	2.98	0.00
360.00	6.10	2.98	0.00
365.00	6.10	2.98	0.00
370.00	6.10	2.98	0.00
375.00	6.10	2.98	0.00
380.00	6.10	2.98	0.00
385.00	6.10	2.98	0.00
390.00	6.10	2.98	0.00
395.00	6.10	2.98	0.00
400.00	6.10	2.98	0.00
405.00	6.10	2.98	0.00
410.00	6.10	2.98	0.00
415.00	6.10	2.98	0.00
420.00	6.10	2.98	0.00
425.00	6.10	2.98	0.00
430.00	6.10	2.98	0.00
435.00	6.10	2.98	0.00
440.00	6.10	2.98	0.00
445.00	6.10	2.98	0.00
450.00	6.10	2.98	0.00
455.00	6.10	2.98	0.00
460.00	6.10	2.98	0.00
465.00	6.10	2.98	0.00
470.00	6.10	2.98	0.00
475.00	6.10	2.98	0.00
480.00	6.10	2.98	0.00
485.00	6.10	2.98	0.00
490.00	6.10	2.98	0.00
495.00	6.10	2.98	0.00
500.00	6.10	2.98	0.00

Summary for Subcatchment 3C: Post 3C

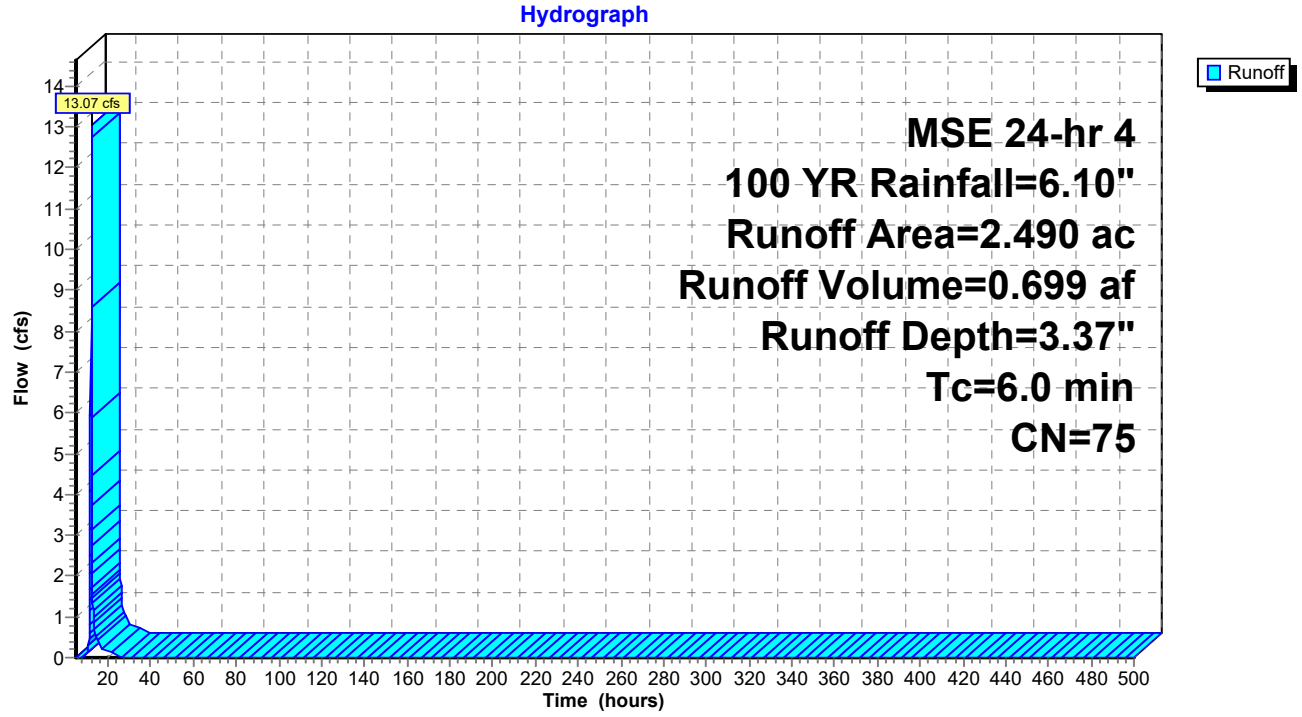
Runoff = 13.07 cfs @ 12.13 hrs, Volume= 0.699 af, Depth= 3.37"
Routed to Pond P3C : Pond 3C

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 100 YR Rainfall=6.10"

	Area (ac)	CN	Description
*	0.570	98	Impervious
*	0.800	61	Post - B Soils
*	1.120	74	Post - C Soils
	2.490	75	Weighted Average
	1.920		77.11% Pervious Area
	0.570		22.89% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3C: Post 3C



Hydrograph for Subcatchment 3C: Post 3C

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.28	0.00	0.00	260.00	6.10	3.37	0.00
10.00	0.97	0.02	**0.09**	265.00	6.10	3.37	0.00
15.00	5.36	2.75	**0.45**	270.00	6.10	3.37	0.00
20.00	**5.90**	**3.20**	0.16	275.00	6.10	3.37	0.00
25.00	**6.10**	**3.37**	0.00	280.00	6.10	3.37	0.00
30.00	6.10	3.37	0.00	285.00	6.10	3.37	0.00
35.00	6.10	3.37	0.00	290.00	6.10	3.37	0.00
40.00	6.10	3.37	0.00	295.00	6.10	3.37	0.00
45.00	6.10	3.37	0.00	300.00	6.10	3.37	0.00
50.00	6.10	3.37	0.00	305.00	6.10	3.37	0.00
55.00	6.10	3.37	0.00	310.00	6.10	3.37	0.00
60.00	6.10	3.37	0.00	315.00	6.10	3.37	0.00
65.00	6.10	3.37	0.00	320.00	6.10	3.37	0.00
70.00	6.10	3.37	0.00	325.00	6.10	3.37	0.00
75.00	6.10	3.37	0.00	330.00	6.10	3.37	0.00
80.00	6.10	3.37	0.00	335.00	6.10	3.37	0.00
85.00	6.10	3.37	0.00	340.00	6.10	3.37	0.00
90.00	6.10	3.37	0.00	345.00	6.10	3.37	0.00
95.00	6.10	3.37	0.00	350.00	6.10	3.37	0.00
100.00	6.10	3.37	0.00	355.00	6.10	3.37	0.00
105.00	6.10	3.37	0.00	360.00	6.10	3.37	0.00
110.00	6.10	3.37	0.00	365.00	6.10	3.37	0.00
115.00	6.10	3.37	0.00	370.00	6.10	3.37	0.00
120.00	6.10	3.37	0.00	375.00	6.10	3.37	0.00
125.00	6.10	3.37	0.00	380.00	6.10	3.37	0.00
130.00	6.10	3.37	0.00	385.00	6.10	3.37	0.00
135.00	6.10	3.37	0.00	390.00	6.10	3.37	0.00
140.00	6.10	3.37	0.00	395.00	6.10	3.37	0.00
145.00	6.10	3.37	0.00	400.00	6.10	3.37	0.00
150.00	6.10	3.37	0.00	405.00	6.10	3.37	0.00
155.00	6.10	3.37	0.00	410.00	6.10	3.37	0.00
160.00	6.10	3.37	0.00	415.00	6.10	3.37	0.00
165.00	6.10	3.37	0.00	420.00	6.10	3.37	0.00
170.00	6.10	3.37	0.00	425.00	6.10	3.37	0.00
175.00	6.10	3.37	0.00	430.00	6.10	3.37	0.00
180.00	6.10	3.37	0.00	435.00	6.10	3.37	0.00
185.00	6.10	3.37	0.00	440.00	6.10	3.37	0.00
190.00	6.10	3.37	0.00	445.00	6.10	3.37	0.00
195.00	6.10	3.37	0.00	450.00	6.10	3.37	0.00
200.00	6.10	3.37	0.00	455.00	6.10	3.37	0.00
205.00	6.10	3.37	0.00	460.00	6.10	3.37	0.00
210.00	6.10	3.37	0.00	465.00	6.10	3.37	0.00
215.00	6.10	3.37	0.00	470.00	6.10	3.37	0.00
220.00	6.10	3.37	0.00	475.00	6.10	3.37	0.00
225.00	6.10	3.37	0.00	480.00	6.10	3.37	0.00
230.00	6.10	3.37	0.00	485.00	6.10	3.37	0.00
235.00	6.10	3.37	0.00	490.00	6.10	3.37	0.00
240.00	6.10	3.37	0.00	495.00	6.10	3.37	0.00
245.00	6.10	3.37	0.00	500.00	6.10	3.37	0.00
250.00	6.10	3.37	0.00				
255.00	6.10	3.37	0.00				

Summary for Subcatchment 3D: Post 3D

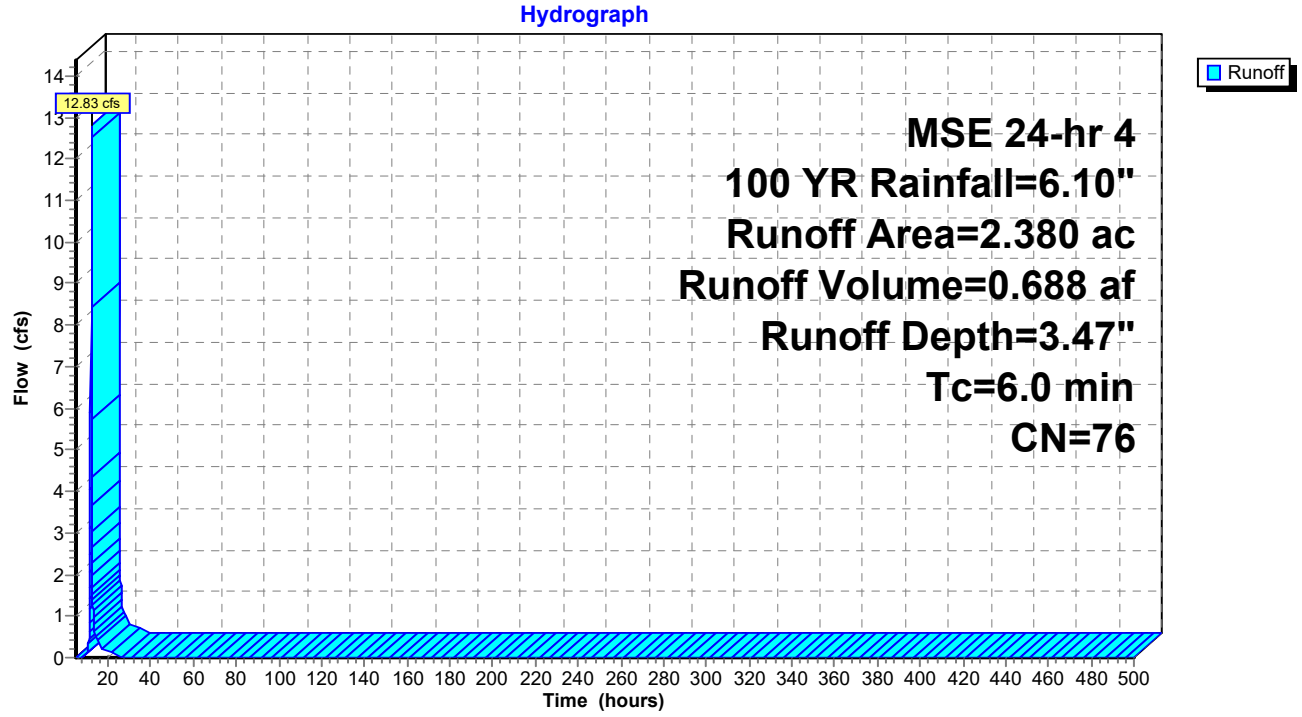
Runoff = 12.83 cfs @ 12.13 hrs, Volume= 0.688 af, Depth= 3.47"
Routed to Pond P3D : Pond 3D

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 100 YR Rainfall=6.10"

	Area (ac)	CN	Description
*	0.570	98	Impervious
*	0.610	61	Post - B Soils
*	1.200	74	Post - C Soils
	2.380	76	Weighted Average
	1.810		76.05% Pervious Area
	0.570		23.95% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3D: Post 3D



Hydrograph for Subcatchment 3D: Post 3D

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.28	0.00	0.00	260.00	6.10	3.47	0.00
10.00	0.97	0.03	**0.10**	265.00	6.10	3.47	0.00
15.00	5.36	2.84	**0.43**	270.00	6.10	3.47	0.00
20.00	**5.90**	**3.30**	0.16	275.00	6.10	3.47	0.00
25.00	**6.10**	**3.47**	0.00	280.00	6.10	3.47	0.00
30.00	6.10	3.47	0.00	285.00	6.10	3.47	0.00
35.00	6.10	3.47	0.00	290.00	6.10	3.47	0.00
40.00	6.10	3.47	0.00	295.00	6.10	3.47	0.00
45.00	6.10	3.47	0.00	300.00	6.10	3.47	0.00
50.00	6.10	3.47	0.00	305.00	6.10	3.47	0.00
55.00	6.10	3.47	0.00	310.00	6.10	3.47	0.00
60.00	6.10	3.47	0.00	315.00	6.10	3.47	0.00
65.00	6.10	3.47	0.00	320.00	6.10	3.47	0.00
70.00	6.10	3.47	0.00	325.00	6.10	3.47	0.00
75.00	6.10	3.47	0.00	330.00	6.10	3.47	0.00
80.00	6.10	3.47	0.00	335.00	6.10	3.47	0.00
85.00	6.10	3.47	0.00	340.00	6.10	3.47	0.00
90.00	6.10	3.47	0.00	345.00	6.10	3.47	0.00
95.00	6.10	3.47	0.00	350.00	6.10	3.47	0.00
100.00	6.10	3.47	0.00	355.00	6.10	3.47	0.00
105.00	6.10	3.47	0.00	360.00	6.10	3.47	0.00
110.00	6.10	3.47	0.00	365.00	6.10	3.47	0.00
115.00	6.10	3.47	0.00	370.00	6.10	3.47	0.00
120.00	6.10	3.47	0.00	375.00	6.10	3.47	0.00
125.00	6.10	3.47	0.00	380.00	6.10	3.47	0.00
130.00	6.10	3.47	0.00	385.00	6.10	3.47	0.00
135.00	6.10	3.47	0.00	390.00	6.10	3.47	0.00
140.00	6.10	3.47	0.00	395.00	6.10	3.47	0.00
145.00	6.10	3.47	0.00	400.00	6.10	3.47	0.00
150.00	6.10	3.47	0.00	405.00	6.10	3.47	0.00
155.00	6.10	3.47	0.00	410.00	6.10	3.47	0.00
160.00	6.10	3.47	0.00	415.00	6.10	3.47	0.00
165.00	6.10	3.47	0.00	420.00	6.10	3.47	0.00
170.00	6.10	3.47	0.00	425.00	6.10	3.47	0.00
175.00	6.10	3.47	0.00	430.00	6.10	3.47	0.00
180.00	6.10	3.47	0.00	435.00	6.10	3.47	0.00
185.00	6.10	3.47	0.00	440.00	6.10	3.47	0.00
190.00	6.10	3.47	0.00	445.00	6.10	3.47	0.00
195.00	6.10	3.47	0.00	450.00	6.10	3.47	0.00
200.00	6.10	3.47	0.00	455.00	6.10	3.47	0.00
205.00	6.10	3.47	0.00	460.00	6.10	3.47	0.00
210.00	6.10	3.47	0.00	465.00	6.10	3.47	0.00
215.00	6.10	3.47	0.00	470.00	6.10	3.47	0.00
220.00	6.10	3.47	0.00	475.00	6.10	3.47	0.00
225.00	6.10	3.47	0.00	480.00	6.10	3.47	0.00
230.00	6.10	3.47	0.00	485.00	6.10	3.47	0.00
235.00	6.10	3.47	0.00	490.00	6.10	3.47	0.00
240.00	6.10	3.47	0.00	495.00	6.10	3.47	0.00
245.00	6.10	3.47	0.00	500.00	6.10	3.47	0.00
250.00	6.10	3.47	0.00				
255.00	6.10	3.47	0.00				

Summary for Subcatchment 3E: Post 3E

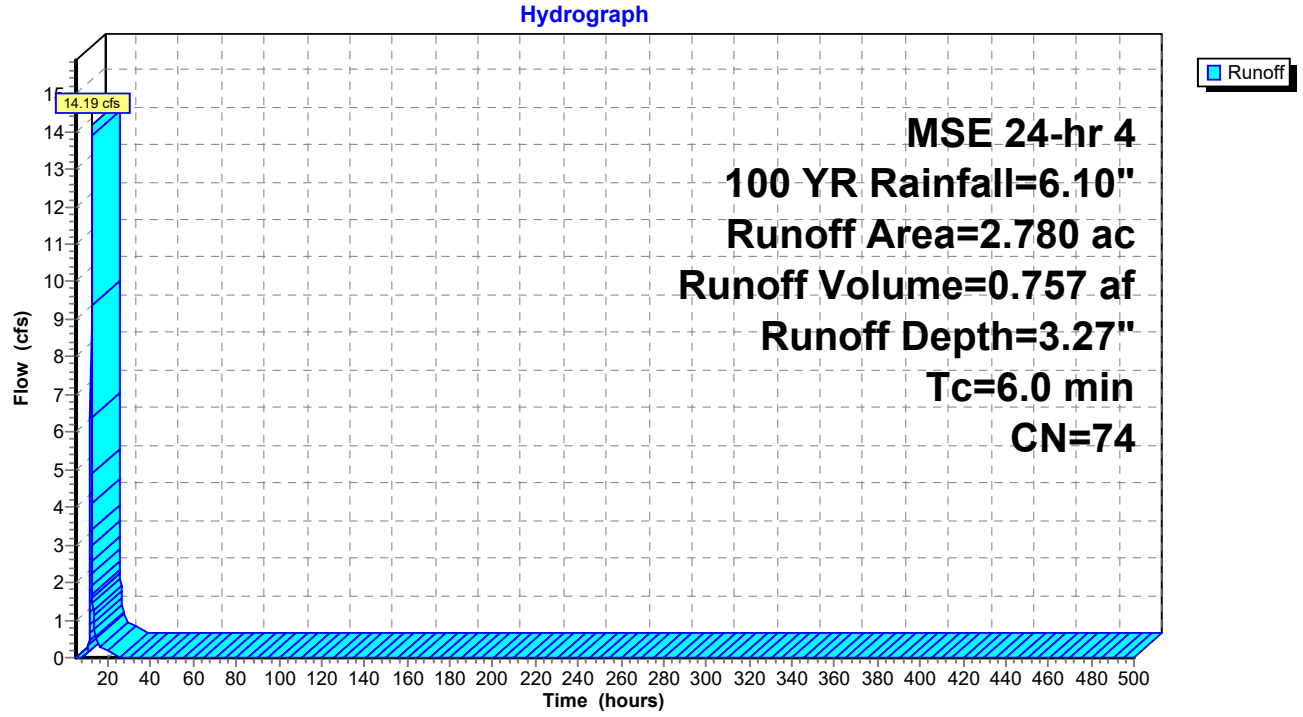
Runoff = 14.19 cfs @ 12.13 hrs, Volume= 0.757 af, Depth= 3.27"
Routed to Pond P3E : Pond 3E

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 100 YR Rainfall=6.10"

	Area (ac)	CN	Description
*	0.530	98	Impervious
*	0.920	61	Post - B Soils
*	1.330	74	Post - C Soils
	2.780	74	Weighted Average
	2.250		80.94% Pervious Area
	0.530		19.06% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3E: Post 3E



Hydrograph for Subcatchment 3E: Post 3E

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.28	0.00	0.00	260.00	6.10	3.27	0.00
10.00	0.97	0.02	**0.08**	265.00	6.10	3.27	0.00
15.00	5.36	2.66	**0.49**	270.00	6.10	3.27	0.00
20.00	**5.90**	**3.10**	0.18	275.00	6.10	3.27	0.00
25.00	**6.10**	**3.27**	0.00	280.00	6.10	3.27	0.00
30.00	6.10	3.27	0.00	285.00	6.10	3.27	0.00
35.00	6.10	3.27	0.00	290.00	6.10	3.27	0.00
40.00	6.10	3.27	0.00	295.00	6.10	3.27	0.00
45.00	6.10	3.27	0.00	300.00	6.10	3.27	0.00
50.00	6.10	3.27	0.00	305.00	6.10	3.27	0.00
55.00	6.10	3.27	0.00	310.00	6.10	3.27	0.00
60.00	6.10	3.27	0.00	315.00	6.10	3.27	0.00
65.00	6.10	3.27	0.00	320.00	6.10	3.27	0.00
70.00	6.10	3.27	0.00	325.00	6.10	3.27	0.00
75.00	6.10	3.27	0.00	330.00	6.10	3.27	0.00
80.00	6.10	3.27	0.00	335.00	6.10	3.27	0.00
85.00	6.10	3.27	0.00	340.00	6.10	3.27	0.00
90.00	6.10	3.27	0.00	345.00	6.10	3.27	0.00
95.00	6.10	3.27	0.00	350.00	6.10	3.27	0.00
100.00	6.10	3.27	0.00	355.00	6.10	3.27	0.00
105.00	6.10	3.27	0.00	360.00	6.10	3.27	0.00
110.00	6.10	3.27	0.00	365.00	6.10	3.27	0.00
115.00	6.10	3.27	0.00	370.00	6.10	3.27	0.00
120.00	6.10	3.27	0.00	375.00	6.10	3.27	0.00
125.00	6.10	3.27	0.00	380.00	6.10	3.27	0.00
130.00	6.10	3.27	0.00	385.00	6.10	3.27	0.00
135.00	6.10	3.27	0.00	390.00	6.10	3.27	0.00
140.00	6.10	3.27	0.00	395.00	6.10	3.27	0.00
145.00	6.10	3.27	0.00	400.00	6.10	3.27	0.00
150.00	6.10	3.27	0.00	405.00	6.10	3.27	0.00
155.00	6.10	3.27	0.00	410.00	6.10	3.27	0.00
160.00	6.10	3.27	0.00	415.00	6.10	3.27	0.00
165.00	6.10	3.27	0.00	420.00	6.10	3.27	0.00
170.00	6.10	3.27	0.00	425.00	6.10	3.27	0.00
175.00	6.10	3.27	0.00	430.00	6.10	3.27	0.00
180.00	6.10	3.27	0.00	435.00	6.10	3.27	0.00
185.00	6.10	3.27	0.00	440.00	6.10	3.27	0.00
190.00	6.10	3.27	0.00	445.00	6.10	3.27	0.00
195.00	6.10	3.27	0.00	450.00	6.10	3.27	0.00
200.00	6.10	3.27	0.00	455.00	6.10	3.27	0.00
205.00	6.10	3.27	0.00	460.00	6.10	3.27	0.00
210.00	6.10	3.27	0.00	465.00	6.10	3.27	0.00
215.00	6.10	3.27	0.00	470.00	6.10	3.27	0.00
220.00	6.10	3.27	0.00	475.00	6.10	3.27	0.00
225.00	6.10	3.27	0.00	480.00	6.10	3.27	0.00
230.00	6.10	3.27	0.00	485.00	6.10	3.27	0.00
235.00	6.10	3.27	0.00	490.00	6.10	3.27	0.00
240.00	6.10	3.27	0.00	495.00	6.10	3.27	0.00
245.00	6.10	3.27	0.00	500.00	6.10	3.27	0.00
250.00	6.10	3.27	0.00				
255.00	6.10	3.27	0.00				

Summary for Subcatchment 3Y: Post 3Y - Offsite

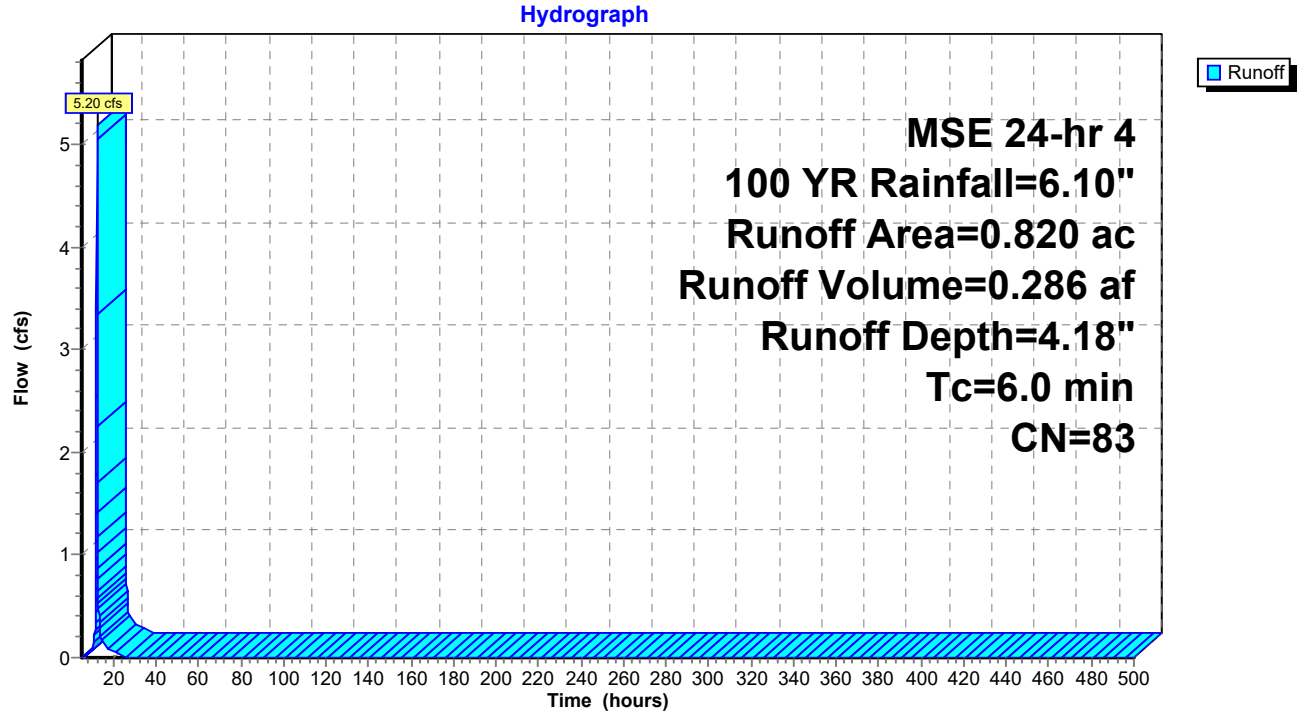
Runoff = 5.20 cfs @ 12.13 hrs, Volume= 0.286 af, Depth= 4.18"
Routed to Link 4L : Post - North

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 100 YR Rainfall=6.10"

	Area (ac)	CN	Description
*	0.300	98	Impervious
*	0.000	61	Post - B Soils
*	0.520	74	Post - C Soils
	0.820	83	Weighted Average
	0.520		63.41% Pervious Area
	0.300		36.59% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3Y: Post 3Y - Offsite



Hydrograph for Subcatchment 3Y: Post 3Y - Offsite

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.28	0.00	0.00	260.00	6.10	4.18	0.00
10.00	0.97	0.12	**0.07**	265.00	6.10	4.18	0.00
15.00	5.36	3.50	**0.16**	270.00	6.10	4.18	0.00
20.00	**5.90**	**4.00**	0.06	275.00	6.10	4.18	0.00
25.00	**6.10**	**4.18**	0.00	280.00	6.10	4.18	0.00
30.00	6.10	4.18	0.00	285.00	6.10	4.18	0.00
35.00	6.10	4.18	0.00	290.00	6.10	4.18	0.00
40.00	6.10	4.18	0.00	295.00	6.10	4.18	0.00
45.00	6.10	4.18	0.00	300.00	6.10	4.18	0.00
50.00	6.10	4.18	0.00	305.00	6.10	4.18	0.00
55.00	6.10	4.18	0.00	310.00	6.10	4.18	0.00
60.00	6.10	4.18	0.00	315.00	6.10	4.18	0.00
65.00	6.10	4.18	0.00	320.00	6.10	4.18	0.00
70.00	6.10	4.18	0.00	325.00	6.10	4.18	0.00
75.00	6.10	4.18	0.00	330.00	6.10	4.18	0.00
80.00	6.10	4.18	0.00	335.00	6.10	4.18	0.00
85.00	6.10	4.18	0.00	340.00	6.10	4.18	0.00
90.00	6.10	4.18	0.00	345.00	6.10	4.18	0.00
95.00	6.10	4.18	0.00	350.00	6.10	4.18	0.00
100.00	6.10	4.18	0.00	355.00	6.10	4.18	0.00
105.00	6.10	4.18	0.00	360.00	6.10	4.18	0.00
110.00	6.10	4.18	0.00	365.00	6.10	4.18	0.00
115.00	6.10	4.18	0.00	370.00	6.10	4.18	0.00
120.00	6.10	4.18	0.00	375.00	6.10	4.18	0.00
125.00	6.10	4.18	0.00	380.00	6.10	4.18	0.00
130.00	6.10	4.18	0.00	385.00	6.10	4.18	0.00
135.00	6.10	4.18	0.00	390.00	6.10	4.18	0.00
140.00	6.10	4.18	0.00	395.00	6.10	4.18	0.00
145.00	6.10	4.18	0.00	400.00	6.10	4.18	0.00
150.00	6.10	4.18	0.00	405.00	6.10	4.18	0.00
155.00	6.10	4.18	0.00	410.00	6.10	4.18	0.00
160.00	6.10	4.18	0.00	415.00	6.10	4.18	0.00
165.00	6.10	4.18	0.00	420.00	6.10	4.18	0.00
170.00	6.10	4.18	0.00	425.00	6.10	4.18	0.00
175.00	6.10	4.18	0.00	430.00	6.10	4.18	0.00
180.00	6.10	4.18	0.00	435.00	6.10	4.18	0.00
185.00	6.10	4.18	0.00	440.00	6.10	4.18	0.00
190.00	6.10	4.18	0.00	445.00	6.10	4.18	0.00
195.00	6.10	4.18	0.00	450.00	6.10	4.18	0.00
200.00	6.10	4.18	0.00	455.00	6.10	4.18	0.00
205.00	6.10	4.18	0.00	460.00	6.10	4.18	0.00
210.00	6.10	4.18	0.00	465.00	6.10	4.18	0.00
215.00	6.10	4.18	0.00	470.00	6.10	4.18	0.00
220.00	6.10	4.18	0.00	475.00	6.10	4.18	0.00
225.00	6.10	4.18	0.00	480.00	6.10	4.18	0.00
230.00	6.10	4.18	0.00	485.00	6.10	4.18	0.00
235.00	6.10	4.18	0.00	490.00	6.10	4.18	0.00
240.00	6.10	4.18	0.00	495.00	6.10	4.18	0.00
245.00	6.10	4.18	0.00	500.00	6.10	4.18	0.00
250.00	6.10	4.18	0.00				
255.00	6.10	4.18	0.00				

Summary for Subcatchment 3Z: Post 3Z - Offsite

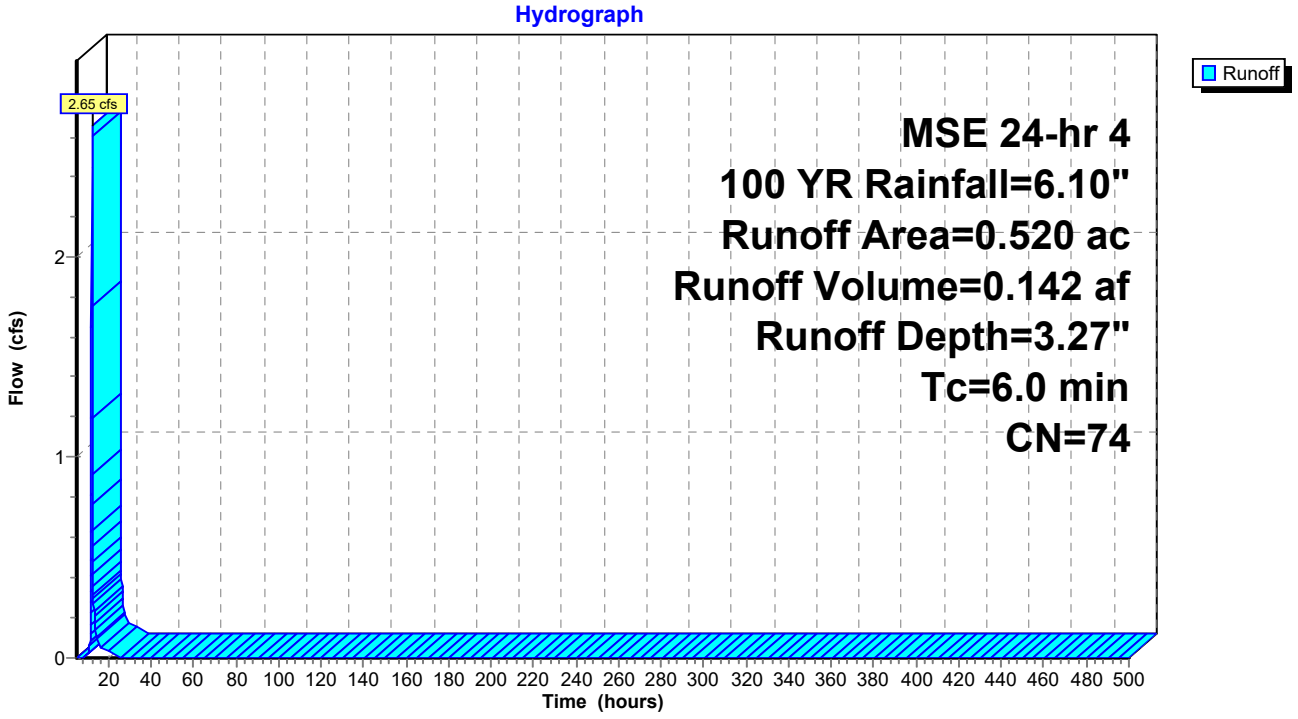
Runoff = 2.65 cfs @ 12.13 hrs, Volume= 0.142 af, Depth= 3.27"
Routed to Link 4L : Post - North

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 100 YR Rainfall=6.10"

	Area (ac)	CN	Description
*	0.000	98	Impervious
*	0.000	61	Post - B Soils
*	0.520	74	Post - C Soils
	0.520	74	Weighted Average
	0.520		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 3Z: Post 3Z - Offsite



Hydrograph for Subcatchment 3Z: Post 3Z - Offsite

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.28	0.00	0.00	260.00	6.10	3.27	0.00
10.00	0.97	0.02	**0.02**	265.00	6.10	3.27	0.00
15.00	5.36	2.66	**0.09**	270.00	6.10	3.27	0.00
20.00	**5.90**	**3.10**	0.03	275.00	6.10	3.27	0.00
25.00	**6.10**	**3.27**	0.00	280.00	6.10	3.27	0.00
30.00	6.10	3.27	0.00	285.00	6.10	3.27	0.00
35.00	6.10	3.27	0.00	290.00	6.10	3.27	0.00
40.00	6.10	3.27	0.00	295.00	6.10	3.27	0.00
45.00	6.10	3.27	0.00	300.00	6.10	3.27	0.00
50.00	6.10	3.27	0.00	305.00	6.10	3.27	0.00
55.00	6.10	3.27	0.00	310.00	6.10	3.27	0.00
60.00	6.10	3.27	0.00	315.00	6.10	3.27	0.00
65.00	6.10	3.27	0.00	320.00	6.10	3.27	0.00
70.00	6.10	3.27	0.00	325.00	6.10	3.27	0.00
75.00	6.10	3.27	0.00	330.00	6.10	3.27	0.00
80.00	6.10	3.27	0.00	335.00	6.10	3.27	0.00
85.00	6.10	3.27	0.00	340.00	6.10	3.27	0.00
90.00	6.10	3.27	0.00	345.00	6.10	3.27	0.00
95.00	6.10	3.27	0.00	350.00	6.10	3.27	0.00
100.00	6.10	3.27	0.00	355.00	6.10	3.27	0.00
105.00	6.10	3.27	0.00	360.00	6.10	3.27	0.00
110.00	6.10	3.27	0.00	365.00	6.10	3.27	0.00
115.00	6.10	3.27	0.00	370.00	6.10	3.27	0.00
120.00	6.10	3.27	0.00	375.00	6.10	3.27	0.00
125.00	6.10	3.27	0.00	380.00	6.10	3.27	0.00
130.00	6.10	3.27	0.00	385.00	6.10	3.27	0.00
135.00	6.10	3.27	0.00	390.00	6.10	3.27	0.00
140.00	6.10	3.27	0.00	395.00	6.10	3.27	0.00
145.00	6.10	3.27	0.00	400.00	6.10	3.27	0.00
150.00	6.10	3.27	0.00	405.00	6.10	3.27	0.00
155.00	6.10	3.27	0.00	410.00	6.10	3.27	0.00
160.00	6.10	3.27	0.00	415.00	6.10	3.27	0.00
165.00	6.10	3.27	0.00	420.00	6.10	3.27	0.00
170.00	6.10	3.27	0.00	425.00	6.10	3.27	0.00
175.00	6.10	3.27	0.00	430.00	6.10	3.27	0.00
180.00	6.10	3.27	0.00	435.00	6.10	3.27	0.00
185.00	6.10	3.27	0.00	440.00	6.10	3.27	0.00
190.00	6.10	3.27	0.00	445.00	6.10	3.27	0.00
195.00	6.10	3.27	0.00	450.00	6.10	3.27	0.00
200.00	6.10	3.27	0.00	455.00	6.10	3.27	0.00
205.00	6.10	3.27	0.00	460.00	6.10	3.27	0.00
210.00	6.10	3.27	0.00	465.00	6.10	3.27	0.00
215.00	6.10	3.27	0.00	470.00	6.10	3.27	0.00
220.00	6.10	3.27	0.00	475.00	6.10	3.27	0.00
225.00	6.10	3.27	0.00	480.00	6.10	3.27	0.00
230.00	6.10	3.27	0.00	485.00	6.10	3.27	0.00
235.00	6.10	3.27	0.00	490.00	6.10	3.27	0.00
240.00	6.10	3.27	0.00	495.00	6.10	3.27	0.00
245.00	6.10	3.27	0.00	500.00	6.10	3.27	0.00
250.00	6.10	3.27	0.00				
255.00	6.10	3.27	0.00				

Summary for Subcatchment 5S: Culvert 1

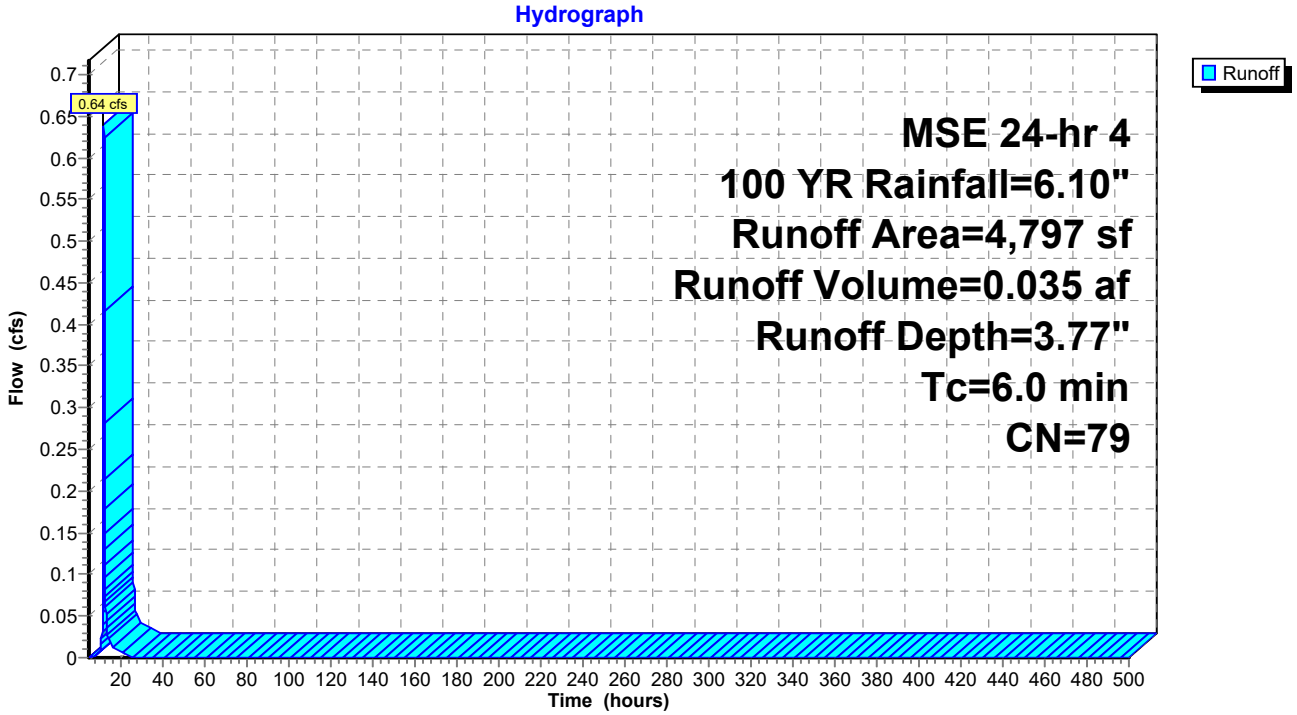
Runoff = 0.64 cfs @ 12.13 hrs, Volume= 0.035 af, Depth= 3.77"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 100 YR Rainfall=6.10"

	Area (sf)	CN	Description
*	2,465	61	Post - B Soils
*	2,332	98	Impervious
	4,797	79	Weighted Average
	2,465		51.39% Pervious Area
	2,332		48.61% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 5S: Culvert 1



Hydrograph for Subcatchment 5S: Culvert 1

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.28	0.00	0.00	260.00	6.10	3.77	0.00
10.00	0.97	0.06	**0.01**	265.00	6.10	3.77	0.00
15.00	5.36	3.12	**0.02**	270.00	6.10	3.77	0.00
20.00	**5.90**	**3.59**	0.01	275.00	6.10	3.77	0.00
25.00	**6.10**	**3.77**	0.00	280.00	6.10	3.77	0.00
30.00	6.10	3.77	0.00	285.00	6.10	3.77	0.00
35.00	6.10	3.77	0.00	290.00	6.10	3.77	0.00
40.00	6.10	3.77	0.00	295.00	6.10	3.77	0.00
45.00	6.10	3.77	0.00	300.00	6.10	3.77	0.00
50.00	6.10	3.77	0.00	305.00	6.10	3.77	0.00
55.00	6.10	3.77	0.00	310.00	6.10	3.77	0.00
60.00	6.10	3.77	0.00	315.00	6.10	3.77	0.00
65.00	6.10	3.77	0.00	320.00	6.10	3.77	0.00
70.00	6.10	3.77	0.00	325.00	6.10	3.77	0.00
75.00	6.10	3.77	0.00	330.00	6.10	3.77	0.00
80.00	6.10	3.77	0.00	335.00	6.10	3.77	0.00
85.00	6.10	3.77	0.00	340.00	6.10	3.77	0.00
90.00	6.10	3.77	0.00	345.00	6.10	3.77	0.00
95.00	6.10	3.77	0.00	350.00	6.10	3.77	0.00
100.00	6.10	3.77	0.00	355.00	6.10	3.77	0.00
105.00	6.10	3.77	0.00	360.00	6.10	3.77	0.00
110.00	6.10	3.77	0.00	365.00	6.10	3.77	0.00
115.00	6.10	3.77	0.00	370.00	6.10	3.77	0.00
120.00	6.10	3.77	0.00	375.00	6.10	3.77	0.00
125.00	6.10	3.77	0.00	380.00	6.10	3.77	0.00
130.00	6.10	3.77	0.00	385.00	6.10	3.77	0.00
135.00	6.10	3.77	0.00	390.00	6.10	3.77	0.00
140.00	6.10	3.77	0.00	395.00	6.10	3.77	0.00
145.00	6.10	3.77	0.00	400.00	6.10	3.77	0.00
150.00	6.10	3.77	0.00	405.00	6.10	3.77	0.00
155.00	6.10	3.77	0.00	410.00	6.10	3.77	0.00
160.00	6.10	3.77	0.00	415.00	6.10	3.77	0.00
165.00	6.10	3.77	0.00	420.00	6.10	3.77	0.00
170.00	6.10	3.77	0.00	425.00	6.10	3.77	0.00
175.00	6.10	3.77	0.00	430.00	6.10	3.77	0.00
180.00	6.10	3.77	0.00	435.00	6.10	3.77	0.00
185.00	6.10	3.77	0.00	440.00	6.10	3.77	0.00
190.00	6.10	3.77	0.00	445.00	6.10	3.77	0.00
195.00	6.10	3.77	0.00	450.00	6.10	3.77	0.00
200.00	6.10	3.77	0.00	455.00	6.10	3.77	0.00
205.00	6.10	3.77	0.00	460.00	6.10	3.77	0.00
210.00	6.10	3.77	0.00	465.00	6.10	3.77	0.00
215.00	6.10	3.77	0.00	470.00	6.10	3.77	0.00
220.00	6.10	3.77	0.00	475.00	6.10	3.77	0.00
225.00	6.10	3.77	0.00	480.00	6.10	3.77	0.00
230.00	6.10	3.77	0.00	485.00	6.10	3.77	0.00
235.00	6.10	3.77	0.00	490.00	6.10	3.77	0.00
240.00	6.10	3.77	0.00	495.00	6.10	3.77	0.00
245.00	6.10	3.77	0.00	500.00	6.10	3.77	0.00
250.00	6.10	3.77	0.00				
255.00	6.10	3.77	0.00				

Summary for Subcatchment 6S: Culvert 2

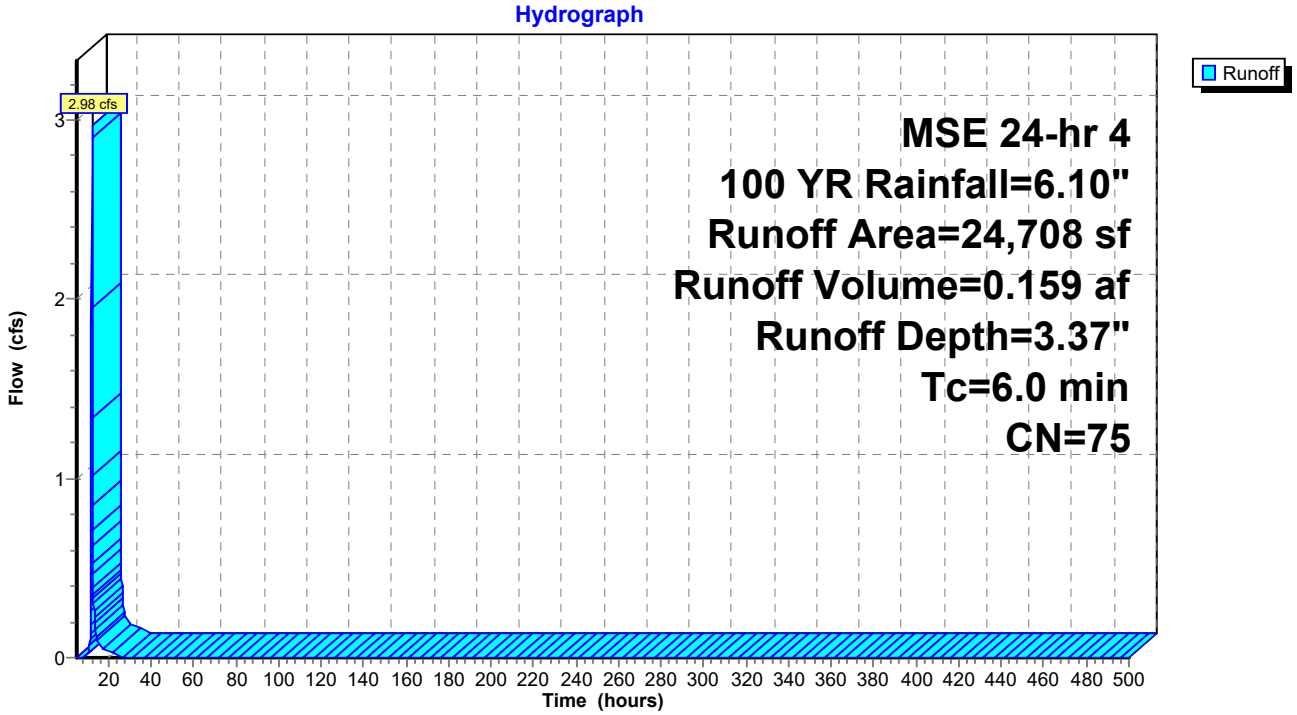
Runoff = 2.98 cfs @ 12.13 hrs, Volume= 0.159 af, Depth= 3.37"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 100 YR Rainfall=6.10"

	Area (sf)	CN	Description
*	15,597	61	Post - B Soils
*	9,111	98	Impervious
	24,708	75	Weighted Average
	15,597		63.13% Pervious Area
	9,111		36.87% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 6S: Culvert 2



Hydrograph for Subcatchment 6S: Culvert 2

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.28	0.00	0.00	260.00	6.10	3.37	0.00
10.00	0.97	0.02	**0.02**	265.00	6.10	3.37	0.00
15.00	5.36	2.75	**0.10**	270.00	6.10	3.37	0.00
20.00	**5.90**	**3.20**	0.04	275.00	6.10	3.37	0.00
25.00	**6.10**	**3.37**	0.00	280.00	6.10	3.37	0.00
30.00	6.10	3.37	0.00	285.00	6.10	3.37	0.00
35.00	6.10	3.37	0.00	290.00	6.10	3.37	0.00
40.00	6.10	3.37	0.00	295.00	6.10	3.37	0.00
45.00	6.10	3.37	0.00	300.00	6.10	3.37	0.00
50.00	6.10	3.37	0.00	305.00	6.10	3.37	0.00
55.00	6.10	3.37	0.00	310.00	6.10	3.37	0.00
60.00	6.10	3.37	0.00	315.00	6.10	3.37	0.00
65.00	6.10	3.37	0.00	320.00	6.10	3.37	0.00
70.00	6.10	3.37	0.00	325.00	6.10	3.37	0.00
75.00	6.10	3.37	0.00	330.00	6.10	3.37	0.00
80.00	6.10	3.37	0.00	335.00	6.10	3.37	0.00
85.00	6.10	3.37	0.00	340.00	6.10	3.37	0.00
90.00	6.10	3.37	0.00	345.00	6.10	3.37	0.00
95.00	6.10	3.37	0.00	350.00	6.10	3.37	0.00
100.00	6.10	3.37	0.00	355.00	6.10	3.37	0.00
105.00	6.10	3.37	0.00	360.00	6.10	3.37	0.00
110.00	6.10	3.37	0.00	365.00	6.10	3.37	0.00
115.00	6.10	3.37	0.00	370.00	6.10	3.37	0.00
120.00	6.10	3.37	0.00	375.00	6.10	3.37	0.00
125.00	6.10	3.37	0.00	380.00	6.10	3.37	0.00
130.00	6.10	3.37	0.00	385.00	6.10	3.37	0.00
135.00	6.10	3.37	0.00	390.00	6.10	3.37	0.00
140.00	6.10	3.37	0.00	395.00	6.10	3.37	0.00
145.00	6.10	3.37	0.00	400.00	6.10	3.37	0.00
150.00	6.10	3.37	0.00	405.00	6.10	3.37	0.00
155.00	6.10	3.37	0.00	410.00	6.10	3.37	0.00
160.00	6.10	3.37	0.00	415.00	6.10	3.37	0.00
165.00	6.10	3.37	0.00	420.00	6.10	3.37	0.00
170.00	6.10	3.37	0.00	425.00	6.10	3.37	0.00
175.00	6.10	3.37	0.00	430.00	6.10	3.37	0.00
180.00	6.10	3.37	0.00	435.00	6.10	3.37	0.00
185.00	6.10	3.37	0.00	440.00	6.10	3.37	0.00
190.00	6.10	3.37	0.00	445.00	6.10	3.37	0.00
195.00	6.10	3.37	0.00	450.00	6.10	3.37	0.00
200.00	6.10	3.37	0.00	455.00	6.10	3.37	0.00
205.00	6.10	3.37	0.00	460.00	6.10	3.37	0.00
210.00	6.10	3.37	0.00	465.00	6.10	3.37	0.00
215.00	6.10	3.37	0.00	470.00	6.10	3.37	0.00
220.00	6.10	3.37	0.00	475.00	6.10	3.37	0.00
225.00	6.10	3.37	0.00	480.00	6.10	3.37	0.00
230.00	6.10	3.37	0.00	485.00	6.10	3.37	0.00
235.00	6.10	3.37	0.00	490.00	6.10	3.37	0.00
240.00	6.10	3.37	0.00	495.00	6.10	3.37	0.00
245.00	6.10	3.37	0.00	500.00	6.10	3.37	0.00
250.00	6.10	3.37	0.00				
255.00	6.10	3.37	0.00				

Summary for Subcatchment 7S: Culvert 3

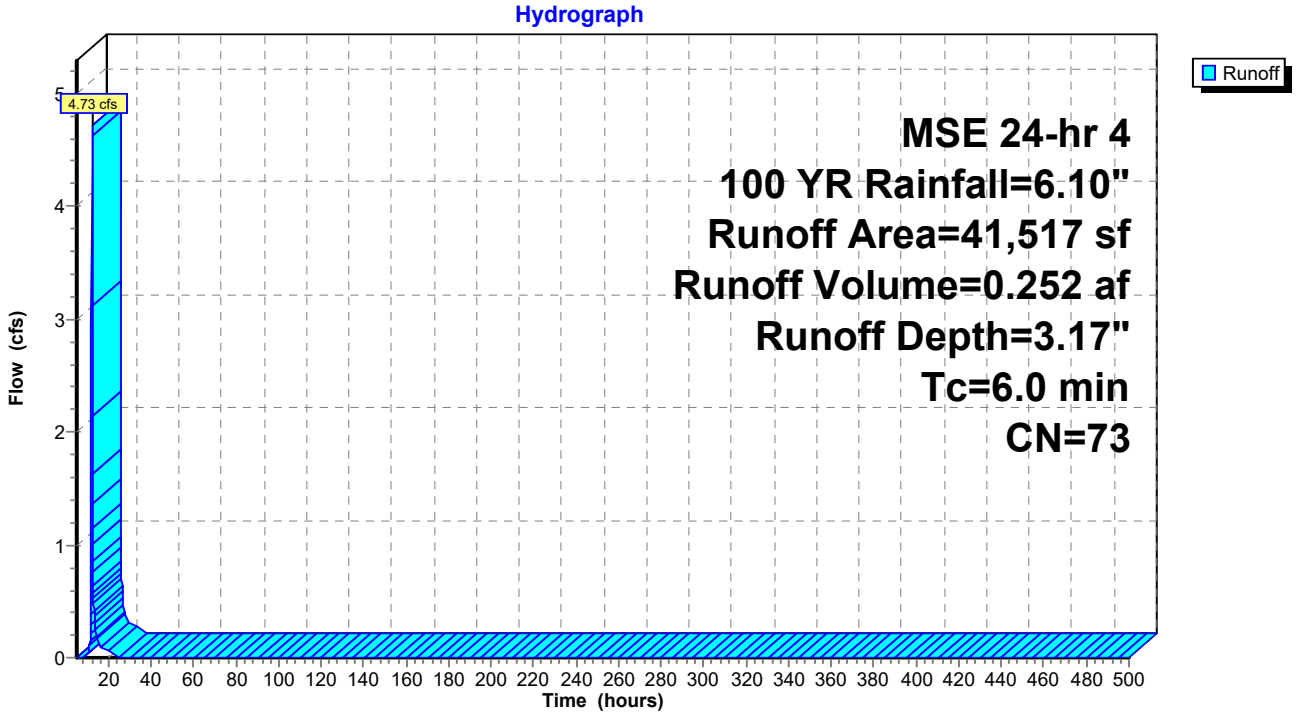
Runoff = 4.73 cfs @ 12.13 hrs, Volume= 0.252 af, Depth= 3.17"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 100 YR Rainfall=6.10"

	Area (sf)	CN	Description
*	28,233	61	Post - B Soils
*	13,284	98	Impervious
	41,517	73	Weighted Average
	28,233		68.00% Pervious Area
	13,284		32.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 7S: Culvert 3



Hydrograph for Subcatchment 7S: Culvert 3

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.28	0.00	0.00	260.00	6.10	3.17	0.00
10.00	0.97	0.01	**0.02**	265.00	6.10	3.17	0.00
15.00	5.36	2.57	**0.17**	270.00	6.10	3.17	0.00
20.00	**5.90**	**3.01**	0.06	275.00	6.10	3.17	0.00
25.00	**6.10**	**3.17**	0.00	280.00	6.10	3.17	0.00
30.00	6.10	3.17	0.00	285.00	6.10	3.17	0.00
35.00	6.10	3.17	0.00	290.00	6.10	3.17	0.00
40.00	6.10	3.17	0.00	295.00	6.10	3.17	0.00
45.00	6.10	3.17	0.00	300.00	6.10	3.17	0.00
50.00	6.10	3.17	0.00	305.00	6.10	3.17	0.00
55.00	6.10	3.17	0.00	310.00	6.10	3.17	0.00
60.00	6.10	3.17	0.00	315.00	6.10	3.17	0.00
65.00	6.10	3.17	0.00	320.00	6.10	3.17	0.00
70.00	6.10	3.17	0.00	325.00	6.10	3.17	0.00
75.00	6.10	3.17	0.00	330.00	6.10	3.17	0.00
80.00	6.10	3.17	0.00	335.00	6.10	3.17	0.00
85.00	6.10	3.17	0.00	340.00	6.10	3.17	0.00
90.00	6.10	3.17	0.00	345.00	6.10	3.17	0.00
95.00	6.10	3.17	0.00	350.00	6.10	3.17	0.00
100.00	6.10	3.17	0.00	355.00	6.10	3.17	0.00
105.00	6.10	3.17	0.00	360.00	6.10	3.17	0.00
110.00	6.10	3.17	0.00	365.00	6.10	3.17	0.00
115.00	6.10	3.17	0.00	370.00	6.10	3.17	0.00
120.00	6.10	3.17	0.00	375.00	6.10	3.17	0.00
125.00	6.10	3.17	0.00	380.00	6.10	3.17	0.00
130.00	6.10	3.17	0.00	385.00	6.10	3.17	0.00
135.00	6.10	3.17	0.00	390.00	6.10	3.17	0.00
140.00	6.10	3.17	0.00	395.00	6.10	3.17	0.00
145.00	6.10	3.17	0.00	400.00	6.10	3.17	0.00
150.00	6.10	3.17	0.00	405.00	6.10	3.17	0.00
155.00	6.10	3.17	0.00	410.00	6.10	3.17	0.00
160.00	6.10	3.17	0.00	415.00	6.10	3.17	0.00
165.00	6.10	3.17	0.00	420.00	6.10	3.17	0.00
170.00	6.10	3.17	0.00	425.00	6.10	3.17	0.00
175.00	6.10	3.17	0.00	430.00	6.10	3.17	0.00
180.00	6.10	3.17	0.00	435.00	6.10	3.17	0.00
185.00	6.10	3.17	0.00	440.00	6.10	3.17	0.00
190.00	6.10	3.17	0.00	445.00	6.10	3.17	0.00
195.00	6.10	3.17	0.00	450.00	6.10	3.17	0.00
200.00	6.10	3.17	0.00	455.00	6.10	3.17	0.00
205.00	6.10	3.17	0.00	460.00	6.10	3.17	0.00
210.00	6.10	3.17	0.00	465.00	6.10	3.17	0.00
215.00	6.10	3.17	0.00	470.00	6.10	3.17	0.00
220.00	6.10	3.17	0.00	475.00	6.10	3.17	0.00
225.00	6.10	3.17	0.00	480.00	6.10	3.17	0.00
230.00	6.10	3.17	0.00	485.00	6.10	3.17	0.00
235.00	6.10	3.17	0.00	490.00	6.10	3.17	0.00
240.00	6.10	3.17	0.00	495.00	6.10	3.17	0.00
245.00	6.10	3.17	0.00	500.00	6.10	3.17	0.00
250.00	6.10	3.17	0.00				
255.00	6.10	3.17	0.00				

Summary for Subcatchment 8S: Culvert 4

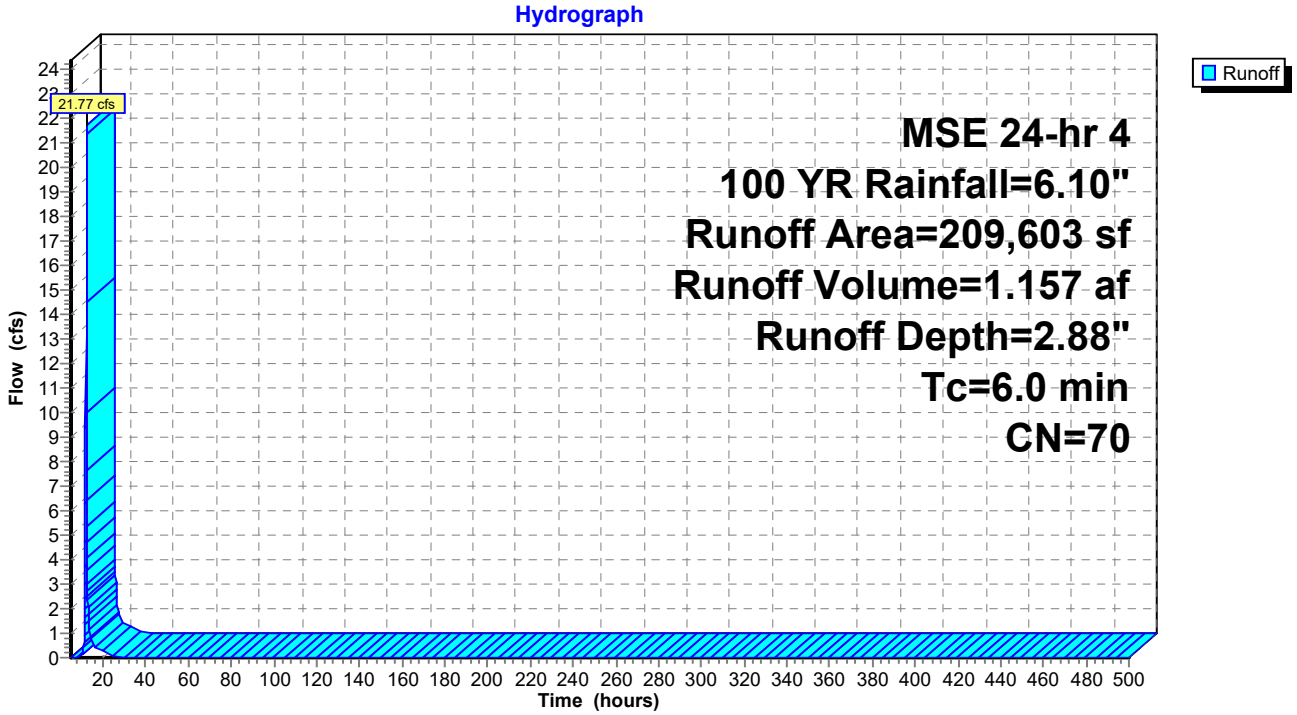
Runoff = 21.77 cfs @ 12.13 hrs, Volume= 1.157 af, Depth= 2.88"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 100 YR Rainfall=6.10"

	Area (sf)	CN	Description
*	156,823	61	Post - B Soils
*	52,780	98	Impervious
	209,603	70	Weighted Average
	156,823		74.82% Pervious Area
	52,780		25.18% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 8S: Culvert 4



Hydrograph for Subcatchment 8S: Culvert 4

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.28	0.00	0.00	260.00	6.10	2.88	0.00
10.00	0.97	0.00	**0.05**	265.00	6.10	2.88	0.00
15.00	5.36	2.31	**0.80**	270.00	6.10	2.88	0.00
20.00	**5.90**	**2.73**	0.29	275.00	6.10	2.88	0.00
25.00	**6.10**	**2.88**	0.00	280.00	6.10	2.88	0.00
30.00	6.10	2.88	0.00	285.00	6.10	2.88	0.00
35.00	6.10	2.88	0.00	290.00	6.10	2.88	0.00
40.00	6.10	2.88	0.00	295.00	6.10	2.88	0.00
45.00	6.10	2.88	0.00	300.00	6.10	2.88	0.00
50.00	6.10	2.88	0.00	305.00	6.10	2.88	0.00
55.00	6.10	2.88	0.00	310.00	6.10	2.88	0.00
60.00	6.10	2.88	0.00	315.00	6.10	2.88	0.00
65.00	6.10	2.88	0.00	320.00	6.10	2.88	0.00
70.00	6.10	2.88	0.00	325.00	6.10	2.88	0.00
75.00	6.10	2.88	0.00	330.00	6.10	2.88	0.00
80.00	6.10	2.88	0.00	335.00	6.10	2.88	0.00
85.00	6.10	2.88	0.00	340.00	6.10	2.88	0.00
90.00	6.10	2.88	0.00	345.00	6.10	2.88	0.00
95.00	6.10	2.88	0.00	350.00	6.10	2.88	0.00
100.00	6.10	2.88	0.00	355.00	6.10	2.88	0.00
105.00	6.10	2.88	0.00	360.00	6.10	2.88	0.00
110.00	6.10	2.88	0.00	365.00	6.10	2.88	0.00
115.00	6.10	2.88	0.00	370.00	6.10	2.88	0.00
120.00	6.10	2.88	0.00	375.00	6.10	2.88	0.00
125.00	6.10	2.88	0.00	380.00	6.10	2.88	0.00
130.00	6.10	2.88	0.00	385.00	6.10	2.88	0.00
135.00	6.10	2.88	0.00	390.00	6.10	2.88	0.00
140.00	6.10	2.88	0.00	395.00	6.10	2.88	0.00
145.00	6.10	2.88	0.00	400.00	6.10	2.88	0.00
150.00	6.10	2.88	0.00	405.00	6.10	2.88	0.00
155.00	6.10	2.88	0.00	410.00	6.10	2.88	0.00
160.00	6.10	2.88	0.00	415.00	6.10	2.88	0.00
165.00	6.10	2.88	0.00	420.00	6.10	2.88	0.00
170.00	6.10	2.88	0.00	425.00	6.10	2.88	0.00
175.00	6.10	2.88	0.00	430.00	6.10	2.88	0.00
180.00	6.10	2.88	0.00	435.00	6.10	2.88	0.00
185.00	6.10	2.88	0.00	440.00	6.10	2.88	0.00
190.00	6.10	2.88	0.00	445.00	6.10	2.88	0.00
195.00	6.10	2.88	0.00	450.00	6.10	2.88	0.00
200.00	6.10	2.88	0.00	455.00	6.10	2.88	0.00
205.00	6.10	2.88	0.00	460.00	6.10	2.88	0.00
210.00	6.10	2.88	0.00	465.00	6.10	2.88	0.00
215.00	6.10	2.88	0.00	470.00	6.10	2.88	0.00
220.00	6.10	2.88	0.00	475.00	6.10	2.88	0.00
225.00	6.10	2.88	0.00	480.00	6.10	2.88	0.00
230.00	6.10	2.88	0.00	485.00	6.10	2.88	0.00
235.00	6.10	2.88	0.00	490.00	6.10	2.88	0.00
240.00	6.10	2.88	0.00	495.00	6.10	2.88	0.00
245.00	6.10	2.88	0.00	500.00	6.10	2.88	0.00
250.00	6.10	2.88	0.00				
255.00	6.10	2.88	0.00				

Summary for Subcatchment 9S: Culvert 5

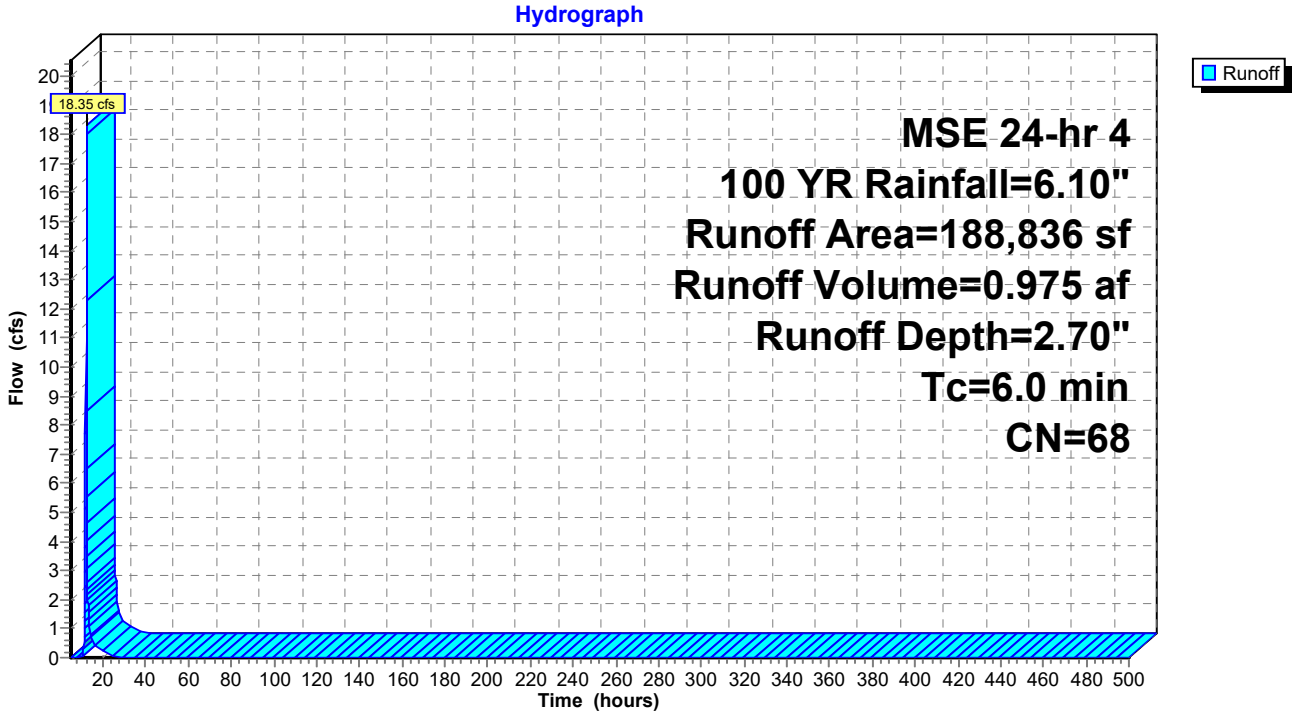
Runoff = 18.35 cfs @ 12.14 hrs, Volume= 0.975 af, Depth= 2.70"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
MSE 24-hr 4 100 YR Rainfall=6.10"

	Area (sf)	CN	Description
*	151,149	61	Post - B Soils
*	37,687	98	Impervious
	188,836	68	Weighted Average
	151,149		80.04% Pervious Area
	37,687		19.96% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Subcatchment 9S: Culvert 5



Hydrograph for Subcatchment 9S: Culvert 5

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
5.00	0.28	0.00	0.00	260.00	6.10	2.70	0.00
10.00	0.97	0.00	**0.00**	265.00	6.10	2.70	0.00
15.00	5.36	2.14	**0.69**	270.00	6.10	2.70	0.00
20.00	**5.90**	**2.55**	0.26	275.00	6.10	2.70	0.00
25.00	**6.10**	**2.70**	0.00	280.00	6.10	2.70	0.00
30.00	6.10	2.70	0.00	285.00	6.10	2.70	0.00
35.00	6.10	2.70	0.00	290.00	6.10	2.70	0.00
40.00	6.10	2.70	0.00	295.00	6.10	2.70	0.00
45.00	6.10	2.70	0.00	300.00	6.10	2.70	0.00
50.00	6.10	2.70	0.00	305.00	6.10	2.70	0.00
55.00	6.10	2.70	0.00	310.00	6.10	2.70	0.00
60.00	6.10	2.70	0.00	315.00	6.10	2.70	0.00
65.00	6.10	2.70	0.00	320.00	6.10	2.70	0.00
70.00	6.10	2.70	0.00	325.00	6.10	2.70	0.00
75.00	6.10	2.70	0.00	330.00	6.10	2.70	0.00
80.00	6.10	2.70	0.00	335.00	6.10	2.70	0.00
85.00	6.10	2.70	0.00	340.00	6.10	2.70	0.00
90.00	6.10	2.70	0.00	345.00	6.10	2.70	0.00
95.00	6.10	2.70	0.00	350.00	6.10	2.70	0.00
100.00	6.10	2.70	0.00	355.00	6.10	2.70	0.00
105.00	6.10	2.70	0.00	360.00	6.10	2.70	0.00
110.00	6.10	2.70	0.00	365.00	6.10	2.70	0.00
115.00	6.10	2.70	0.00	370.00	6.10	2.70	0.00
120.00	6.10	2.70	0.00	375.00	6.10	2.70	0.00
125.00	6.10	2.70	0.00	380.00	6.10	2.70	0.00
130.00	6.10	2.70	0.00	385.00	6.10	2.70	0.00
135.00	6.10	2.70	0.00	390.00	6.10	2.70	0.00
140.00	6.10	2.70	0.00	395.00	6.10	2.70	0.00
145.00	6.10	2.70	0.00	400.00	6.10	2.70	0.00
150.00	6.10	2.70	0.00	405.00	6.10	2.70	0.00
155.00	6.10	2.70	0.00	410.00	6.10	2.70	0.00
160.00	6.10	2.70	0.00	415.00	6.10	2.70	0.00
165.00	6.10	2.70	0.00	420.00	6.10	2.70	0.00
170.00	6.10	2.70	0.00	425.00	6.10	2.70	0.00
175.00	6.10	2.70	0.00	430.00	6.10	2.70	0.00
180.00	6.10	2.70	0.00	435.00	6.10	2.70	0.00
185.00	6.10	2.70	0.00	440.00	6.10	2.70	0.00
190.00	6.10	2.70	0.00	445.00	6.10	2.70	0.00
195.00	6.10	2.70	0.00	450.00	6.10	2.70	0.00
200.00	6.10	2.70	0.00	455.00	6.10	2.70	0.00
205.00	6.10	2.70	0.00	460.00	6.10	2.70	0.00
210.00	6.10	2.70	0.00	465.00	6.10	2.70	0.00
215.00	6.10	2.70	0.00	470.00	6.10	2.70	0.00
220.00	6.10	2.70	0.00	475.00	6.10	2.70	0.00
225.00	6.10	2.70	0.00	480.00	6.10	2.70	0.00
230.00	6.10	2.70	0.00	485.00	6.10	2.70	0.00
235.00	6.10	2.70	0.00	490.00	6.10	2.70	0.00
240.00	6.10	2.70	0.00	495.00	6.10	2.70	0.00
245.00	6.10	2.70	0.00	500.00	6.10	2.70	0.00
250.00	6.10	2.70	0.00				
255.00	6.10	2.70	0.00				

Summary for Pond P1A: Pond 1A

Inflow Area = 6.030 ac, 19.24% Impervious, Inflow Depth = 2.70" for 100 YR event
Inflow = 25.52 cfs @ 12.14 hrs, Volume= 1.356 af
Outflow = 6.62 cfs @ 12.40 hrs, Volume= 1.356 af, Atten= 74%, Lag= 15.7 min
Primary = 5.93 cfs @ 12.40 hrs, Volume= 0.818 af
Routed to Link 3L : Post - South
Secondary = 0.69 cfs @ 12.40 hrs, Volume= 0.537 af
Tertiary = 0.00 cfs @ 5.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,242.96' @ 12.40 hrs Surf.Area= 8,223 sf Storage= 21,220 cf

Plug-Flow detention time= 101.4 min calculated for 1.356 af (100% of inflow)
Center-of-Mass det. time= 101.4 min (927.7 - 826.3)

Volume	Invert	Avail.Storage	Storage Description
#1	1,239.00'	30,563 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

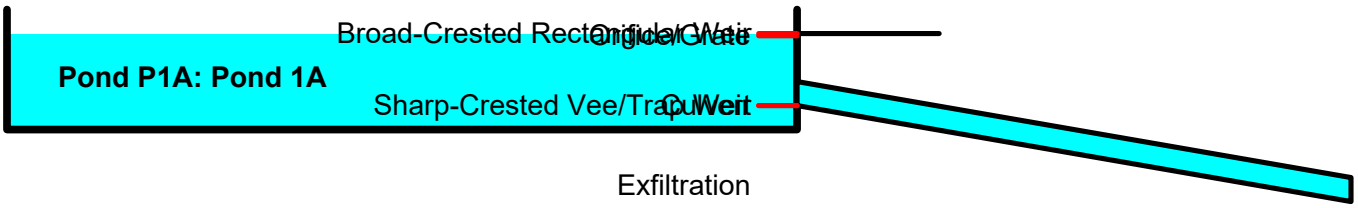
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,239.00	2,496	0	0
1,244.00	9,729	30,563	30,563

Device	Routing	Invert	Outlet Devices
#1	Primary	1,240.00'	**12.0" Round Culvert** L= 39.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,240.00' / 1,236.00' S= 0.1026 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,240.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,242.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Secondary	1,239.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,243.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

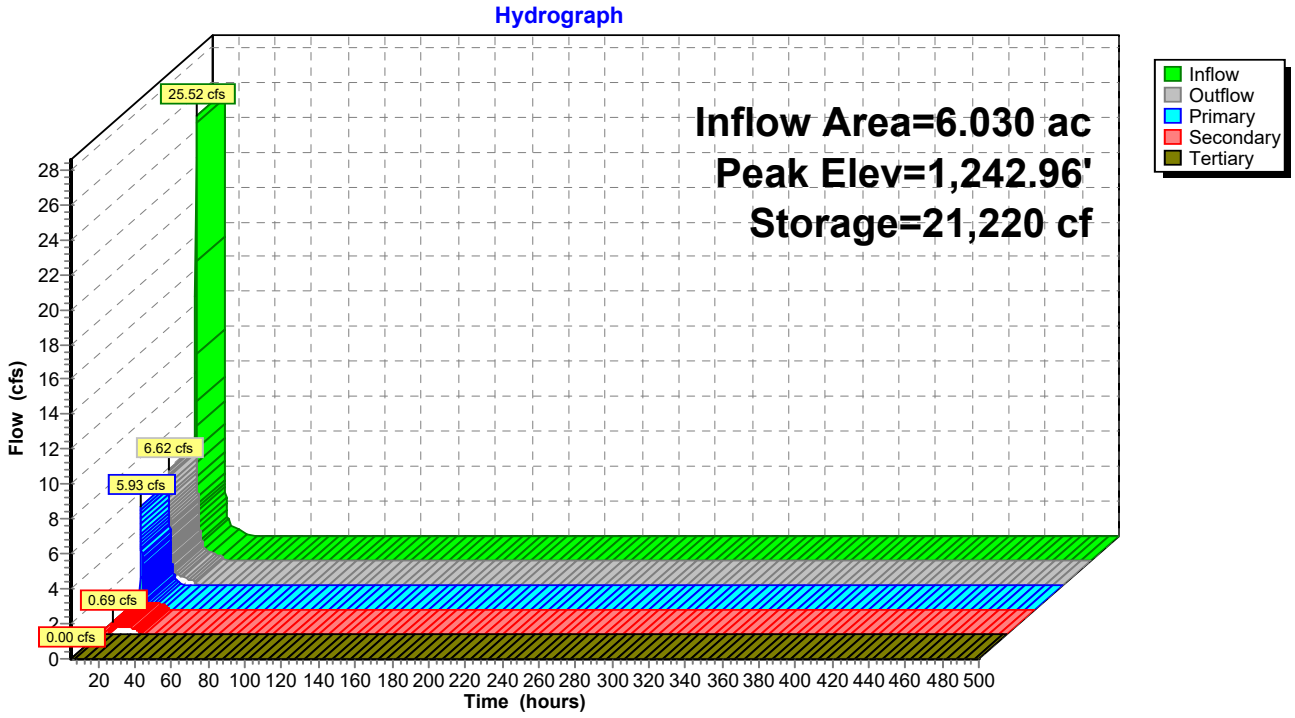
Primary OutFlow Max=5.93 cfs @ 12.40 hrs HW=1,242.96' (Free Discharge)
└**1=Culvert** (Inlet Controls 5.93 cfs @ 7.55 fps)
├**2=Sharp-Crested Vee/Trap Weir** (Passes < 7.14 cfs potential flow)
└**3=Orifice/Grate** (Passes < 0.46 cfs potential flow)

Secondary OutFlow Max=0.69 cfs @ 12.40 hrs HW=1,242.96' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.69 cfs)

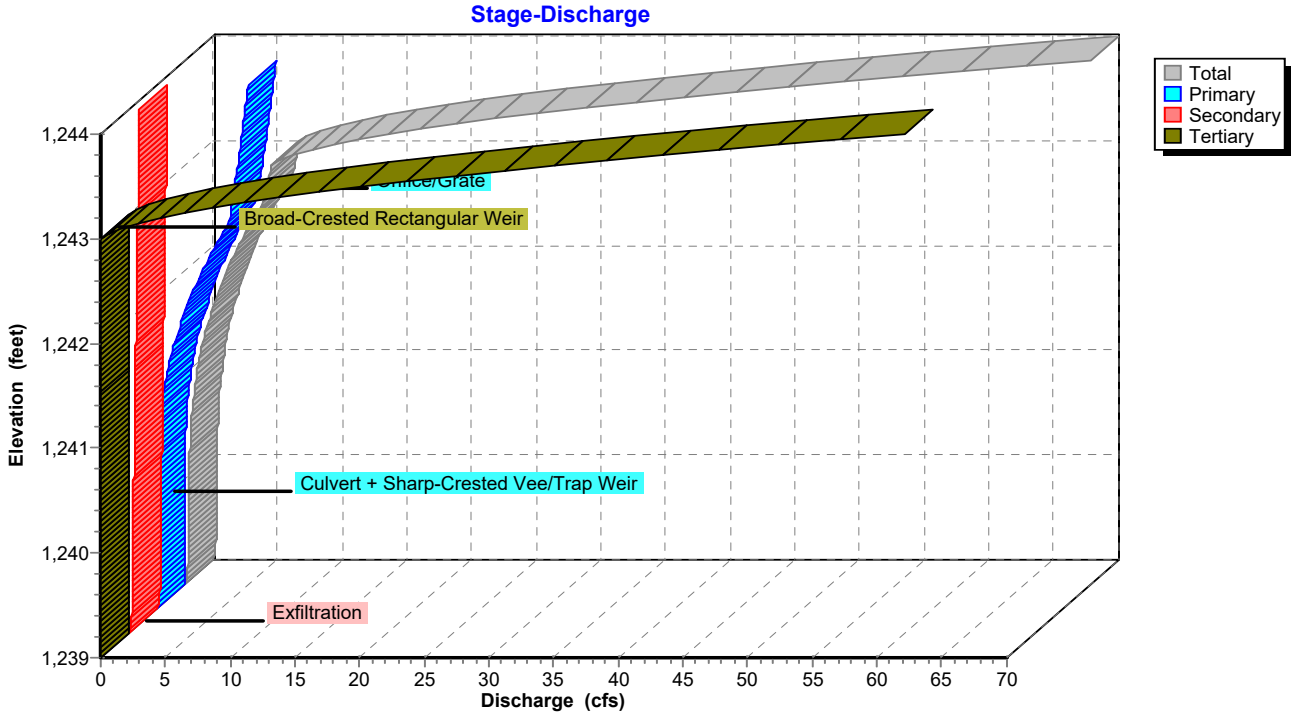
Tertiary OutFlow Max=0.00 cfs @ 5.00 hrs HW=1,239.00' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Controls 0.00 cfs)



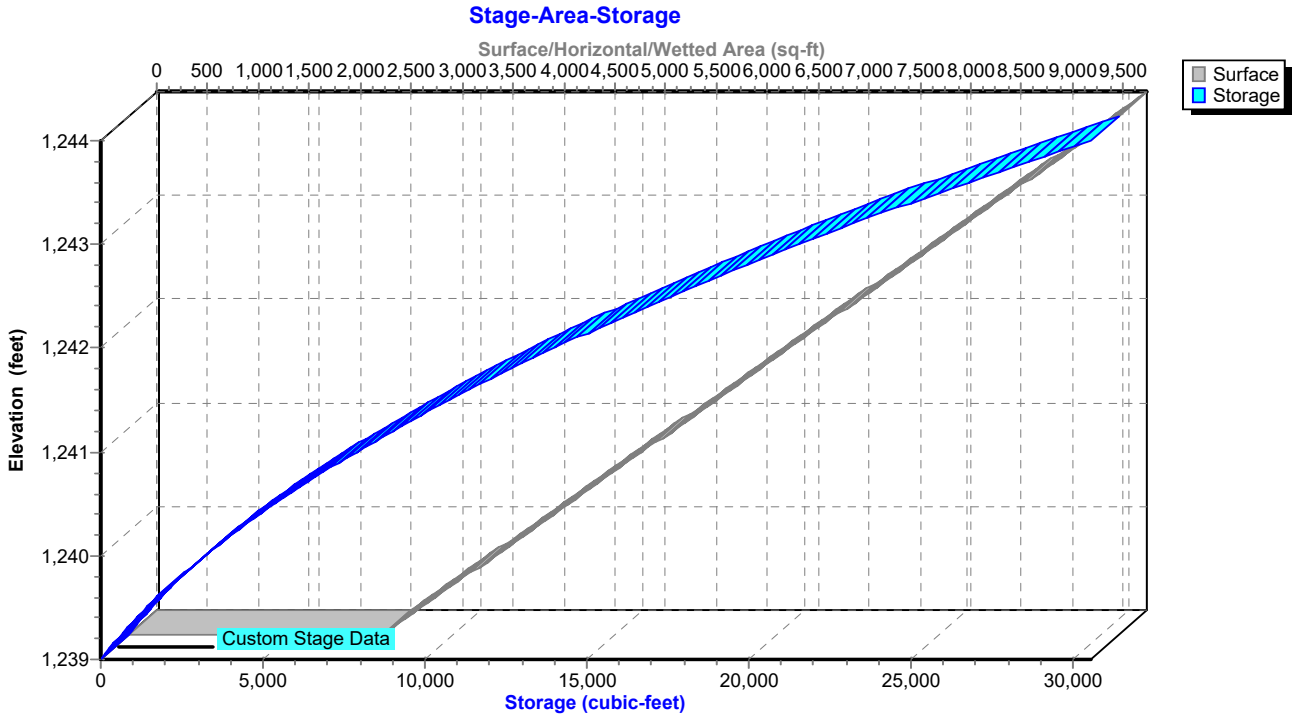
Pond P1A: Pond 1A



Pond P1A: Pond 1A



Pond P1A: Pond 1A



Hydrograph for Pond P1A: Pond 1A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,239.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**0.96**	**9,234**	**1,241.24**	**1.29**	**0.82**	**0.48**	0.00
25.00	0.00	2,098	1,239.70	0.29	0.00	0.29	0.00
35.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,239.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P1A: Pond 1A

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,239.00	0.00	0.00	0.00	0.00
1,239.10	0.22	0.00	0.22	0.00
1,239.20	0.23	0.00	0.23	0.00
1,239.30	0.24	0.00	0.24	0.00
1,239.40	0.26	0.00	0.26	0.00
1,239.50	0.27	0.00	0.27	0.00
1,239.60	0.28	0.00	0.28	0.00
1,239.70	0.29	0.00	0.29	0.00
1,239.80	0.30	0.00	0.30	0.00
1,239.90	0.32	0.00	0.32	0.00
1,240.00	0.33	0.00	0.33	0.00
1,240.10	0.34	0.00	0.34	0.00
1,240.20	0.36	0.01	0.35	0.00
1,240.30	0.39	0.02	0.36	0.00
1,240.40	0.42	0.05	0.38	0.00
1,240.50	0.47	0.08	0.39	0.00
1,240.60	0.53	0.13	0.40	0.00
1,240.70	0.61	0.19	0.41	0.00
1,240.80	0.70	0.27	0.42	0.00
1,240.90	0.80	0.36	0.44	0.00
1,241.00	0.92	0.47	0.45	0.00
1,241.10	1.06	0.60	0.46	0.00
1,241.20	1.22	0.75	0.47	0.00
1,241.30	1.40	0.91	0.49	0.00
1,241.40	1.60	1.10	0.50	0.00
1,241.50	1.82	1.31	0.51	0.00
1,241.60	2.06	1.54	0.52	0.00
1,241.70	2.32	1.79	0.53	0.00
1,241.80	2.61	2.06	0.55	0.00
1,241.90	2.92	2.36	0.56	0.00
1,242.00	3.25	2.68	0.57	0.00
1,242.10	3.61	3.03	0.58	0.00
1,242.20	4.00	3.41	0.59	0.00
1,242.30	4.41	3.81	0.61	0.00
1,242.40	4.85	4.23	0.62	0.00
1,242.50	5.32	4.69	0.63	0.00
1,242.60	5.81	5.17	0.64	0.00
1,242.70	6.26	5.61	0.65	0.00
1,242.80	6.40	5.74	0.67	0.00
1,242.90	6.54	5.86	0.68	0.00
1,243.00	6.67	5.98	0.69	0.00
1,243.10	8.40	6.10	0.70	1.60
1,243.20	11.53	6.21	0.71	4.60
1,243.30	15.75	6.33	0.73	8.70
1,243.40	20.96	6.44	0.74	13.78
1,243.50	27.39	6.55	0.75	20.08
1,243.60	34.93	6.66	0.76	27.51
1,243.70	42.64	6.76	0.77	35.10
1,243.80	51.08	6.87	0.79	43.42
1,243.90	60.22	6.97	0.80	52.45
1,244.00	**70.06**	**7.07**	**0.81**	**62.18**

Stage-Area-Storage for Pond P1A: Pond 1A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,239.00	2,496	0	1,241.55	6,185	11,068
1,239.05	2,568	127	1,241.60	6,257	11,379
1,239.10	2,641	257	1,241.65	6,329	11,694
1,239.15	2,713	391	1,241.70	6,402	12,012
1,239.20	2,785	528	1,241.75	6,474	12,334
1,239.25	2,858	669	1,241.80	6,546	12,659
1,239.30	2,930	814	1,241.85	6,619	12,989
1,239.35	3,002	962	1,241.90	6,691	13,321
1,239.40	3,075	1,114	1,241.95	6,763	13,658
1,239.45	3,147	1,270	1,242.00	6,836	13,998
1,239.50	3,219	1,429	1,242.05	6,908	14,341
1,239.55	3,292	1,592	1,242.10	6,980	14,689
1,239.60	3,364	1,758	1,242.15	7,053	15,039
1,239.65	3,436	1,928	1,242.20	7,125	15,394
1,239.70	3,509	2,102	1,242.25	7,197	15,752
1,239.75	3,581	2,279	1,242.30	7,270	16,114
1,239.80	3,653	2,460	1,242.35	7,342	16,479
1,239.85	3,726	2,644	1,242.40	7,414	16,848
1,239.90	3,798	2,832	1,242.45	7,487	17,220
1,239.95	3,870	3,024	1,242.50	7,559	17,596
1,240.00	3,943	3,219	1,242.55	7,631	17,976
1,240.05	4,015	3,418	1,242.60	7,704	18,360
1,240.10	4,087	3,621	1,242.65	7,776	18,747
1,240.15	4,160	3,827	1,242.70	7,848	19,137
1,240.20	4,232	4,037	1,242.75	7,921	19,531
1,240.25	4,304	4,250	1,242.80	7,993	19,929
1,240.30	4,377	4,467	1,242.85	8,065	20,331
1,240.35	4,449	4,688	1,242.90	8,138	20,736
1,240.40	4,521	4,912	1,242.95	8,210	21,144
1,240.45	4,594	5,140	1,243.00	8,282	21,557
1,240.50	4,666	5,371	1,243.05	8,355	21,973
1,240.55	4,738	5,607	1,243.10	8,427	22,392
1,240.60	4,811	5,845	1,243.15	8,499	22,815
1,240.65	4,883	6,088	1,243.20	8,572	23,242
1,240.70	4,955	6,334	1,243.25	8,644	23,673
1,240.75	5,028	6,583	1,243.30	8,716	24,107
1,240.80	5,100	6,836	1,243.35	8,789	24,544
1,240.85	5,172	7,093	1,243.40	8,861	24,985
1,240.90	5,245	7,354	1,243.45	8,933	25,430
1,240.95	5,317	7,618	1,243.50	9,006	25,879
1,241.00	5,389	7,885	1,243.55	9,078	26,331
1,241.05	5,462	8,156	1,243.60	9,150	26,787
1,241.10	5,534	8,431	1,243.65	9,223	27,246
1,241.15	5,606	8,710	1,243.70	9,295	27,709
1,241.20	5,679	8,992	1,243.75	9,367	28,175
1,241.25	5,751	9,278	1,243.80	9,440	28,646
1,241.30	5,823	9,567	1,243.85	9,512	29,119
1,241.35	5,896	9,860	1,243.90	9,584	29,597
1,241.40	5,968	10,157	1,243.95	9,657	30,078
1,241.45	6,040	10,457	1,244.00	**9,729**	**30,563**
1,241.50	6,113	10,761			

Summary for Pond P3A: Pond 3A

Inflow Area = 10.600 ac, 18.58% Impervious, Inflow Depth = 2.88" for 100 YR event
Inflow = 47.96 cfs @ 12.13 hrs, Volume= 2.548 af
Outflow = 13.73 cfs @ 12.37 hrs, Volume= 2.548 af, Atten= 71%, Lag= 14.0 min
Primary = 7.30 cfs @ 12.37 hrs, Volume= 1.598 af
Routed to Link 4L : Post - North
Secondary = 1.00 cfs @ 12.37 hrs, Volume= 0.844 af
Tertiary = 5.43 cfs @ 12.37 hrs, Volume= 0.106 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,197.22' @ 12.37 hrs Surf.Area= 11,957 sf Storage= 42,103 cf

Plug-Flow detention time= 106.9 min calculated for 2.548 af (100% of inflow)
Center-of-Mass det. time= 106.9 min (929.3 - 822.4)

Volume	Invert	Avail.Storage	Storage Description
#1	1,192.00'	51,846 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

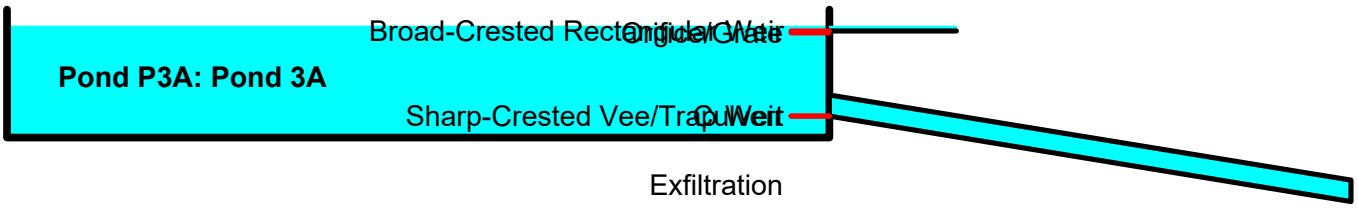
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,192.00	4,165	0	0
1,198.00	13,117	51,846	51,846

Device	Routing	Invert	Outlet Devices
#1	Primary	1,193.00'	**12.0" Round Culvert** L= 41.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,193.00' / 1,189.00' S= 0.0976 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,193.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,196.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Secondary	1,192.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,197.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

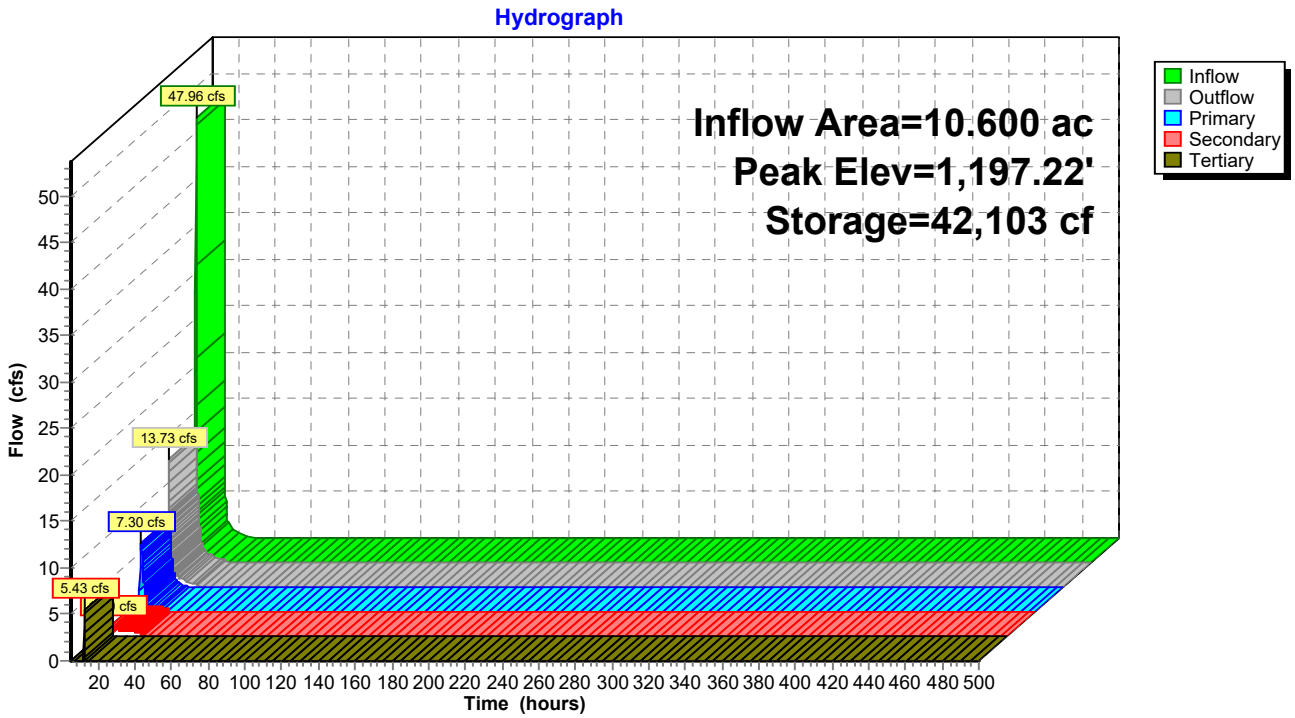
Primary OutFlow Max=7.29 cfs @ 12.37 hrs HW=1,197.22' (Free Discharge)
└**1=Culvert** (Inlet Controls 7.29 cfs @ 9.28 fps)
├**2=Sharp-Crested Vee/Trap Weir** (Passes < 17.33 cfs potential flow)
└**3=Orifice/Grate** (Passes < 5.85 cfs potential flow)

Secondary OutFlow Max=1.00 cfs @ 12.37 hrs HW=1,197.22' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 1.00 cfs)

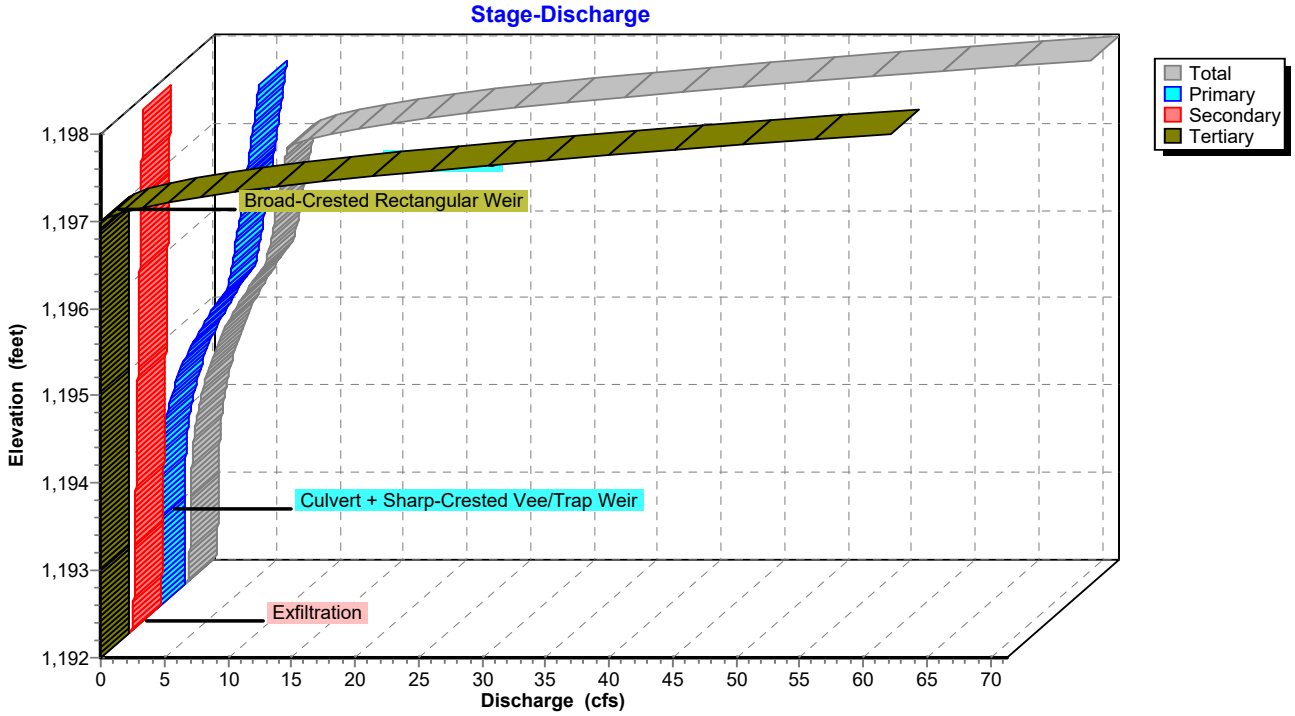
Tertiary OutFlow Max=5.24 cfs @ 12.37 hrs HW=1,197.22' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Weir Controls 5.24 cfs @ 1.15 fps)



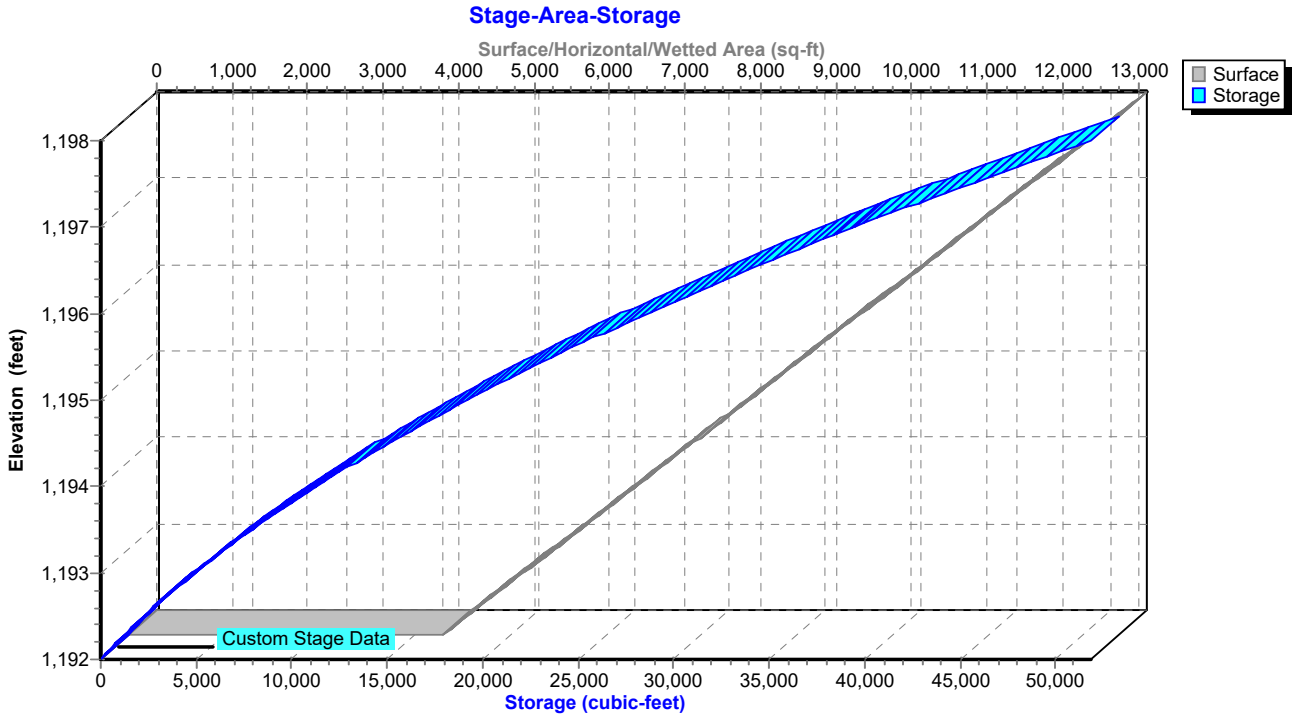
Pond P3A: Pond 3A



Pond P3A: Pond 3A



Pond P3A: Pond 3A



Hydrograph for Pond P3A: Pond 3A

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,192.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**1.76**	**17,009**	**1,194.74**	**2.58**	**1.89**	**0.69**	**0.00**
25.00	0.00	4,780	1,192.98	0.47	0.00	0.47	0.00
35.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,192.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P3A: Pond 3A

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,192.00	0.00	0.00	0.00	0.00
1,192.20	0.37	0.00	0.37	0.00
1,192.40	0.40	0.00	0.40	0.00
1,192.60	0.42	0.00	0.42	0.00
1,192.80	0.45	0.00	0.45	0.00
1,193.00	0.47	0.00	0.47	0.00
1,193.20	0.50	0.01	0.50	0.00
1,193.40	0.57	0.05	0.52	0.00
1,193.60	0.68	0.13	0.55	0.00
1,193.80	0.84	0.27	0.57	0.00
1,194.00	1.07	0.47	0.60	0.00
1,194.20	1.37	0.75	0.62	0.00
1,194.40	1.75	1.10	0.65	0.00
1,194.60	2.21	1.54	0.67	0.00
1,194.80	2.76	2.06	0.70	0.00
1,195.00	3.40	2.68	0.72	0.00
1,195.20	4.15	3.41	0.74	0.00
1,195.40	5.00	4.23	0.77	0.00
1,195.60	5.96	5.17	0.79	0.00
1,195.80	6.55	5.74	0.82	0.00
1,196.00	6.82	5.98	0.84	0.00
1,196.20	7.08	6.21	0.87	0.00
1,196.40	7.33	6.44	0.89	0.00
1,196.60	7.58	6.66	0.92	0.00
1,196.80	7.81	6.87	0.94	0.00
1,197.00	8.04	7.07	0.97	0.00
1,197.20	12.86	7.27	0.99	4.60
1,197.40	22.27	7.47	1.02	13.78
1,197.60	36.21	7.66	1.04	27.51
1,197.80	52.33	7.84	1.07	43.42
1,198.00	**71.29**	**8.02**	**1.09**	**62.18**

Stage-Area-Storage for Pond P3A: Pond 3A

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,192.00	4,165	0
1,192.10	4,314	424
1,192.20	4,463	863
1,192.30	4,613	1,317
1,192.40	4,762	1,785
1,192.50	4,911	2,269
1,192.60	5,060	2,768
1,192.70	5,209	3,281
1,192.80	5,359	3,809
1,192.90	5,508	4,353
1,193.00	5,657	4,911
1,193.10	5,806	5,484
1,193.20	5,955	6,072
1,193.30	6,105	6,675
1,193.40	6,254	7,293
1,193.50	6,403	7,926
1,193.60	6,552	8,574
1,193.70	6,701	9,236
1,193.80	6,851	9,914
1,193.90	7,000	10,607
1,194.00	7,149	11,314
1,194.10	7,298	12,036
1,194.20	7,447	12,774
1,194.30	7,597	13,526
1,194.40	7,746	14,293
1,194.50	7,895	15,075
1,194.60	8,044	15,872
1,194.70	8,193	16,684
1,194.80	8,343	17,511
1,194.90	8,492	18,352
1,195.00	8,641	19,209
1,195.10	8,790	20,081
1,195.20	8,939	20,967
1,195.30	9,089	21,868
1,195.40	9,238	22,785
1,195.50	9,387	23,716
1,195.60	9,536	24,662
1,195.70	9,685	25,623
1,195.80	9,835	26,599
1,195.90	9,984	27,590
1,196.00	10,133	28,596
1,196.10	10,282	29,617
1,196.20	10,431	30,652
1,196.30	10,581	31,703
1,196.40	10,730	32,769
1,196.50	10,879	33,849
1,196.60	11,028	34,944
1,196.70	11,177	36,055
1,196.80	11,327	37,180
1,196.90	11,476	38,320
1,197.00	11,625	39,475
1,197.10	11,774	40,645
1,197.20	11,923	41,830
1,197.30	12,073	43,030
1,197.40	12,222	44,244
1,197.50	12,371	45,474
1,197.60	12,520	46,719
1,197.70	12,669	47,978
1,197.80	12,819	49,252
1,197.90	12,968	50,542
1,198.00	**13,117**	**51,846**

Summary for Pond P3B: Pond 3B

Inflow Area = 8.450 ac, 19.88% Impervious, Inflow Depth = 2.98" for 100 YR event
Inflow = 39.47 cfs @ 12.13 hrs, Volume= 2.098 af
Outflow = 24.52 cfs @ 12.22 hrs, Volume= 2.098 af, Atten= 38%, Lag= 5.3 min
Primary = 6.51 cfs @ 12.22 hrs, Volume= 1.159 af
Routed to Link 4L : Post - North
Secondary = 0.83 cfs @ 12.22 hrs, Volume= 0.668 af
Tertiary = 17.18 cfs @ 12.22 hrs, Volume= 0.271 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,199.47' @ 12.22 hrs Surf.Area= 9,935 sf Storage= 28,439 cf

Plug-Flow detention time= 88.3 min calculated for 2.098 af (100% of inflow)
Center-of-Mass det. time= 88.3 min (908.7 - 820.5)

Volume	Invert	Avail.Storage	Storage Description
#1	1,195.00'	33,965 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

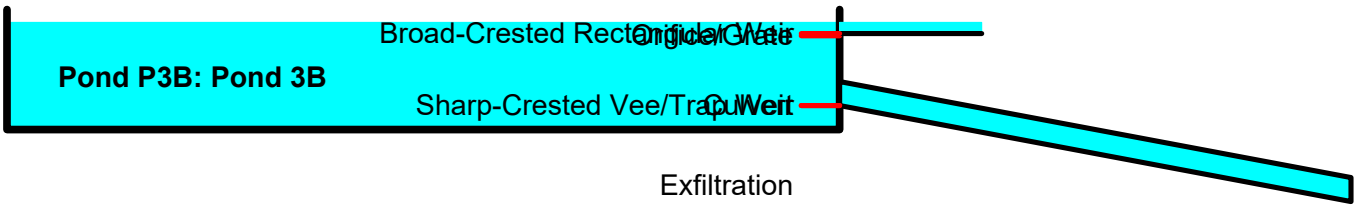
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,195.00	2,799	0	0
1,200.00	10,787	33,965	33,965

Device	Routing	Invert	Outlet Devices
#1	Primary	1,196.00'	**12.0" Round Culvert** L= 36.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,196.00' / 1,192.00' S= 0.1111 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,196.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,198.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Secondary	1,195.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,199.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

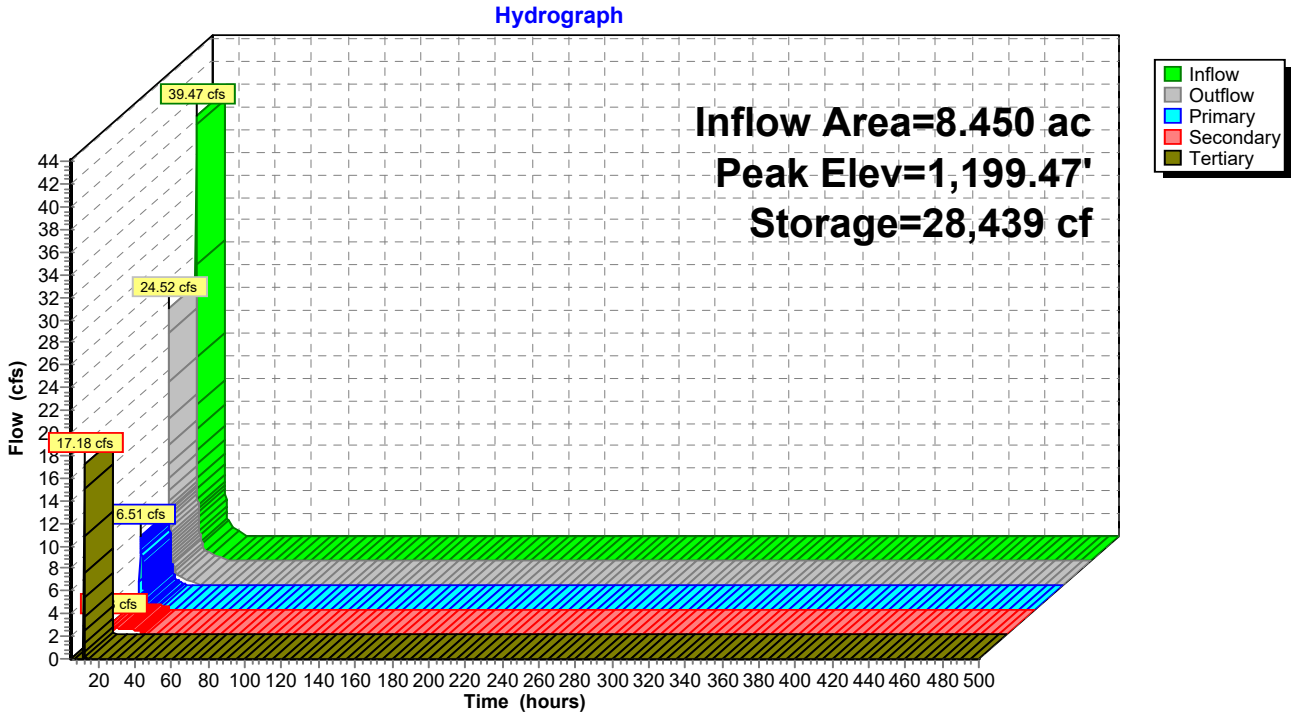
Primary OutFlow Max=6.47 cfs @ 12.22 hrs HW=1,199.43' (Free Discharge)
└**1=Culvert** (Inlet Controls 6.47 cfs @ 8.24 fps)
├**2=Sharp-Crested Vee/Trap Weir** (Passes < 10.32 cfs potential flow)
└**3=Orifice/Grate** (Passes < 12.53 cfs potential flow)

Secondary OutFlow Max=0.82 cfs @ 12.22 hrs HW=1,199.43' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.82 cfs)

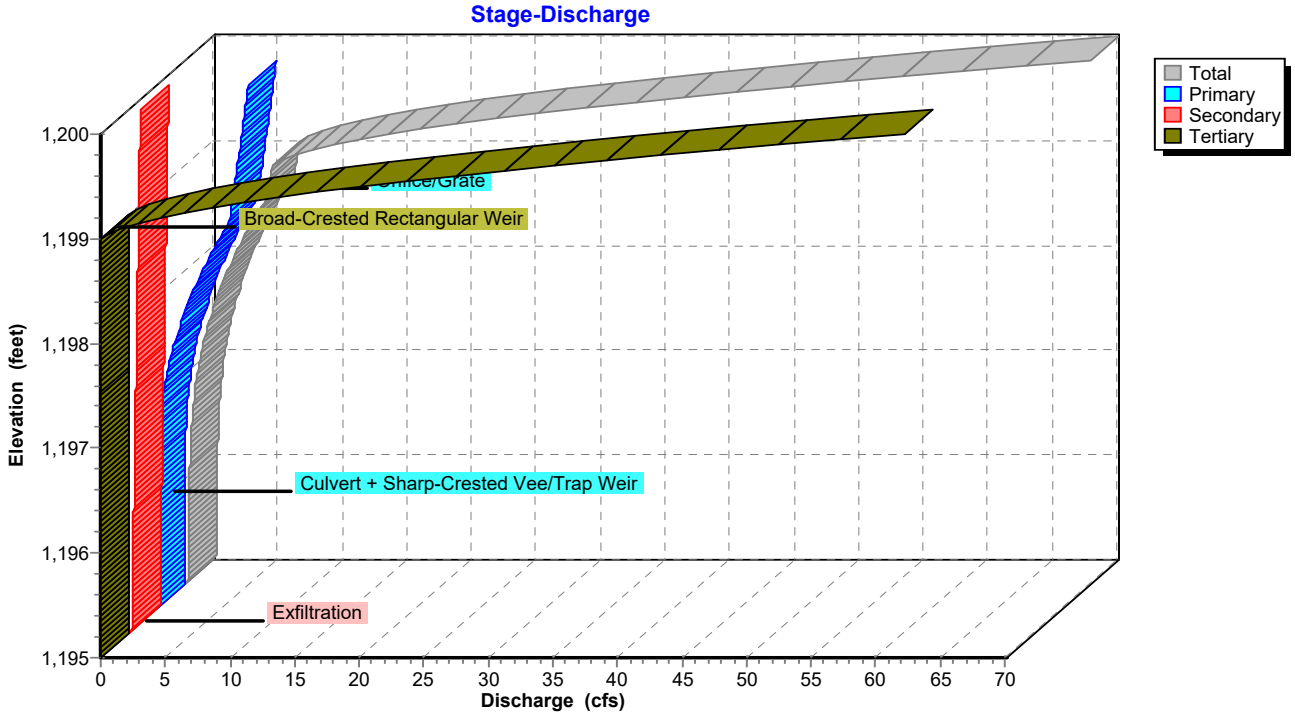
Tertiary OutFlow Max=15.41 cfs @ 12.22 hrs HW=1,199.43' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Weir Controls 15.41 cfs @ 1.66 fps)



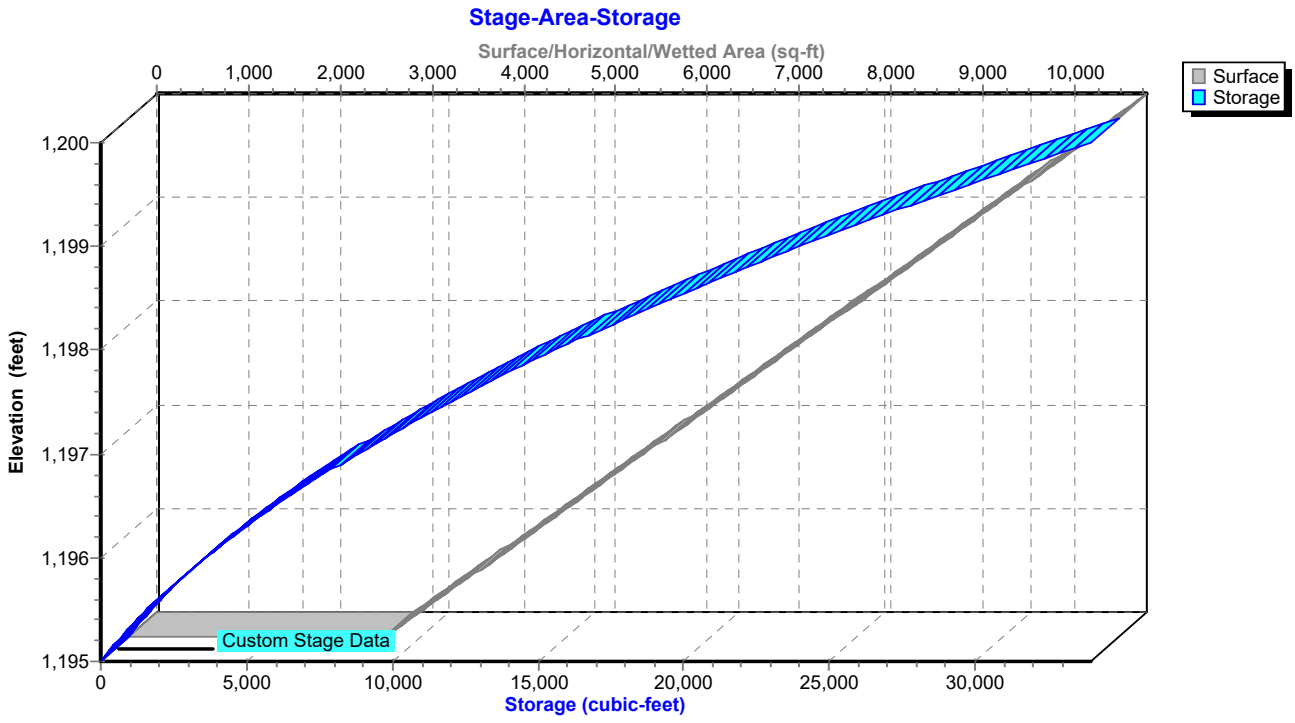
Pond P3B: Pond 3B



Pond P3B: Pond 3B



Pond P3B: Pond 3B



Hydrograph for Pond P3B: Pond 3B

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,195.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**1.43**	**11,895**	**1,197.49**	**1.84**	**1.28**	**0.56**	**0.00**
25.00	0.00	3,283	1,195.93	0.36	0.00	0.36	0.00
35.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,195.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P3B: Pond 3B

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,195.00	0.00	0.00	0.00	0.00
1,195.10	0.25	0.00	0.25	0.00
1,195.20	0.26	0.00	0.26	0.00
1,195.30	0.27	0.00	0.27	0.00
1,195.40	0.29	0.00	0.29	0.00
1,195.50	0.30	0.00	0.30	0.00
1,195.60	0.31	0.00	0.31	0.00
1,195.70	0.33	0.00	0.33	0.00
1,195.80	0.34	0.00	0.34	0.00
1,195.90	0.35	0.00	0.35	0.00
1,196.00	0.37	0.00	0.37	0.00
1,196.10	0.38	0.00	0.38	0.00
1,196.20	0.40	0.01	0.39	0.00
1,196.30	0.43	0.02	0.41	0.00
1,196.40	0.47	0.05	0.42	0.00
1,196.50	0.52	0.08	0.43	0.00
1,196.60	0.58	0.13	0.45	0.00
1,196.70	0.65	0.19	0.46	0.00
1,196.80	0.74	0.27	0.47	0.00
1,196.90	0.85	0.36	0.49	0.00
1,197.00	0.97	0.47	0.50	0.00
1,197.10	1.11	0.60	0.51	0.00
1,197.20	1.27	0.75	0.53	0.00
1,197.30	1.45	0.91	0.54	0.00
1,197.40	1.65	1.10	0.55	0.00
1,197.50	1.87	1.31	0.57	0.00
1,197.60	2.12	1.54	0.58	0.00
1,197.70	2.38	1.79	0.59	0.00
1,197.80	2.67	2.06	0.61	0.00
1,197.90	2.98	2.36	0.62	0.00
1,198.00	3.32	2.68	0.63	0.00
1,198.10	3.68	3.03	0.65	0.00
1,198.20	4.06	3.41	0.66	0.00
1,198.30	4.48	3.81	0.67	0.00
1,198.40	4.92	4.23	0.69	0.00
1,198.50	5.39	4.69	0.70	0.00
1,198.60	5.88	5.17	0.71	0.00
1,198.70	6.33	5.61	0.73	0.00
1,198.80	6.47	5.74	0.74	0.00
1,198.90	6.61	5.86	0.75	0.00
1,199.00	6.75	5.98	0.77	0.00
1,199.10	8.48	6.10	0.78	1.60
1,199.20	11.60	6.21	0.79	4.60
1,199.30	15.83	6.33	0.81	8.70
1,199.40	21.04	6.44	0.82	13.78
1,199.50	27.47	6.55	0.83	20.08
1,199.60	35.01	6.66	0.85	27.51
1,199.70	42.73	6.76	0.86	35.10
1,199.80	51.17	6.87	0.87	43.42
1,199.90	60.31	6.97	0.89	52.45
1,200.00	**70.15**	**7.07**	**0.90**	**62.18**

Stage-Area-Storage for Pond P3B: Pond 3B

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,195.00	2,799	0
1,195.05	2,879	142
1,195.10	2,959	288
1,195.15	3,039	438
1,195.20	3,119	592
1,195.25	3,198	750
1,195.30	3,278	912
1,195.35	3,358	1,078
1,195.40	3,438	1,247
1,195.45	3,518	1,421
1,195.50	3,598	1,599
1,195.55	3,678	1,781
1,195.60	3,758	1,967
1,195.65	3,837	2,157
1,195.70	3,917	2,351
1,195.75	3,997	2,549
1,195.80	4,077	2,750
1,195.85	4,157	2,956
1,195.90	4,237	3,166
1,195.95	4,317	3,380
1,196.00	4,397	3,598
1,196.05	4,476	3,820
1,196.10	4,556	4,045
1,196.15	4,636	4,275
1,196.20	4,716	4,509
1,196.25	4,796	4,747
1,196.30	4,876	4,989
1,196.35	4,956	5,234
1,196.40	5,036	5,484
1,196.45	5,116	5,738
1,196.50	5,195	5,996
1,196.55	5,275	6,258
1,196.60	5,355	6,523
1,196.65	5,435	6,793
1,196.70	5,515	7,067
1,196.75	5,595	7,345
1,196.80	5,675	7,626
1,196.85	5,755	7,912
1,196.90	5,834	8,202
1,196.95	5,914	8,495
1,197.00	5,994	8,793
1,197.05	6,074	9,095
1,197.10	6,154	9,401
1,197.15	6,234	9,710
1,197.20	6,314	10,024
1,197.25	6,394	10,342
1,197.30	6,473	10,663
1,197.35	6,553	10,989
1,197.40	6,633	11,319
1,197.45	6,713	11,652
1,197.50	6,793	11,990
1,197.55	6,873	12,332
1,197.60	6,953	12,677
1,197.65	7,033	13,027
1,197.70	7,113	13,381
1,197.75	7,192	13,738
1,197.80	7,272	14,100
1,197.85	7,352	14,465
1,197.90	7,432	14,835
1,197.95	7,512	15,209
1,198.00	7,592	15,586
1,198.05	7,672	15,968
1,198.10	7,752	16,353
1,198.15	7,831	16,743
1,198.20	7,911	17,137
1,198.25	7,991	17,534
1,198.30	8,071	17,936
1,198.35	8,151	18,341
1,198.40	8,231	18,751
1,198.45	8,311	19,164
1,198.50	8,391	19,582
1,198.55	8,470	20,003
1,198.60	8,550	20,429
1,198.65	8,630	20,858
1,198.70	8,710	21,292
1,198.75	8,790	21,729
1,198.80	8,870	22,171
1,198.85	8,950	22,616
1,198.90	9,030	23,066
1,198.95	9,110	23,519
1,199.00	9,189	23,977
1,199.05	9,269	24,438
1,199.10	9,349	24,904
1,199.15	9,429	25,373
1,199.20	9,509	25,847
1,199.25	9,589	26,324
1,199.30	9,669	26,806
1,199.35	9,749	27,291
1,199.40	9,828	27,780
1,199.45	9,908	28,274
1,199.50	9,988	28,771
1,199.55	10,068	29,273
1,199.60	10,148	29,778
1,199.65	10,228	30,287
1,199.70	10,308	30,801
1,199.75	10,388	31,318
1,199.80	10,467	31,840
1,199.85	10,547	32,365
1,199.90	10,627	32,894
1,199.95	10,707	33,428
1,200.00	**10,787**	**33,965**

Summary for Pond P3C: Pond 3C

Inflow Area = 2.490 ac, 22.89% Impervious, Inflow Depth = 3.37" for 100 YR event
Inflow = 13.07 cfs @ 12.13 hrs, Volume= 0.699 af
Outflow = 6.79 cfs @ 12.25 hrs, Volume= 0.699 af, Atten= 48%, Lag= 6.9 min
Primary = 4.78 cfs @ 12.24 hrs, Volume= 0.358 af
Routed to Link 4L : Post - North
Secondary = 0.39 cfs @ 12.25 hrs, Volume= 0.326 af
Tertiary = 1.62 cfs @ 12.25 hrs, Volume= 0.014 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,181.10' @ 12.25 hrs Surf.Area= 4,705 sf Storage= 10,244 cf

Plug-Flow detention time= 99.6 min calculated for 0.699 af (100% of inflow)
Center-of-Mass det. time= 99.7 min (912.3 - 812.7)

Volume	Invert	Avail.Storage	Storage Description
#1	1,178.00'	14,846 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

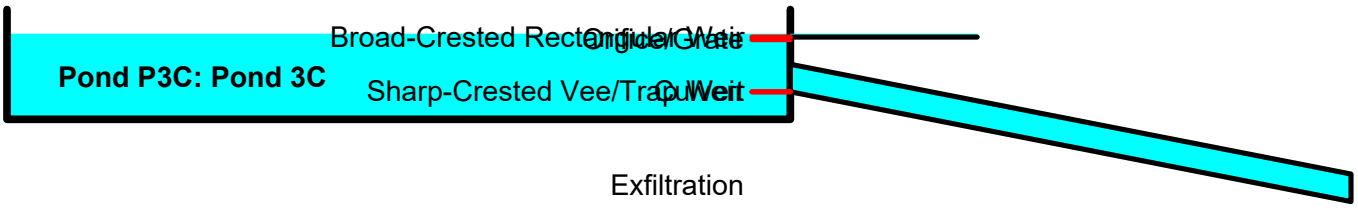
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,178.00	1,905	0	0
1,182.00	5,518	14,846	14,846

Device	Routing	Invert	Outlet Devices
#1	Primary	1,179.00'	**12.0" Round Culvert** L= 30.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,179.00' / 1,175.00' S= 0.1333 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,179.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,180.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600 Limited to weir flow at low heads
#4	Secondary	1,178.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,181.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

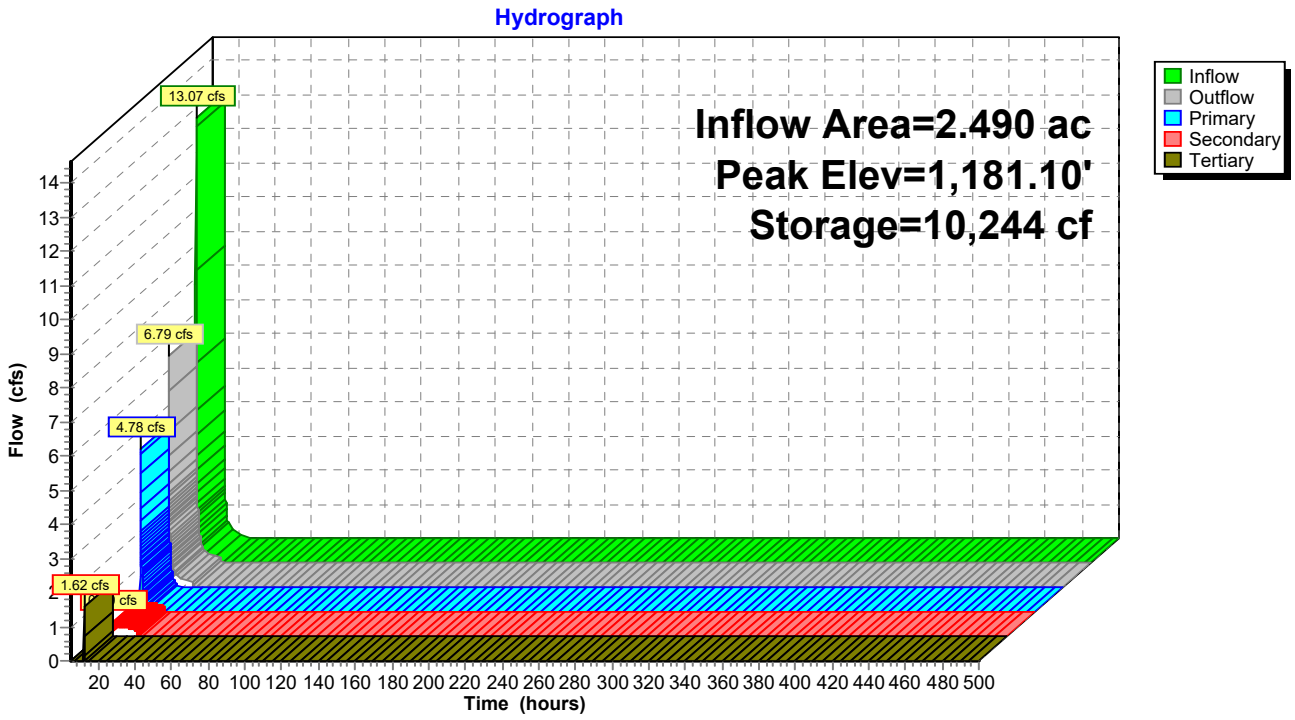
Primary OutFlow Max=4.78 cfs @ 12.24 hrs HW=1,181.10' (Free Discharge)
└**1=Culvert** (Inlet Controls 4.78 cfs @ 6.08 fps)
  ├**2=Sharp-Crested Vee/Trap Weir** (Passes < 3.02 cfs potential flow)
  └**3=Orifice/Grate** (Passes < 2.84 cfs potential flow)

Secondary OutFlow Max=0.39 cfs @ 12.25 hrs HW=1,181.10' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.39 cfs)

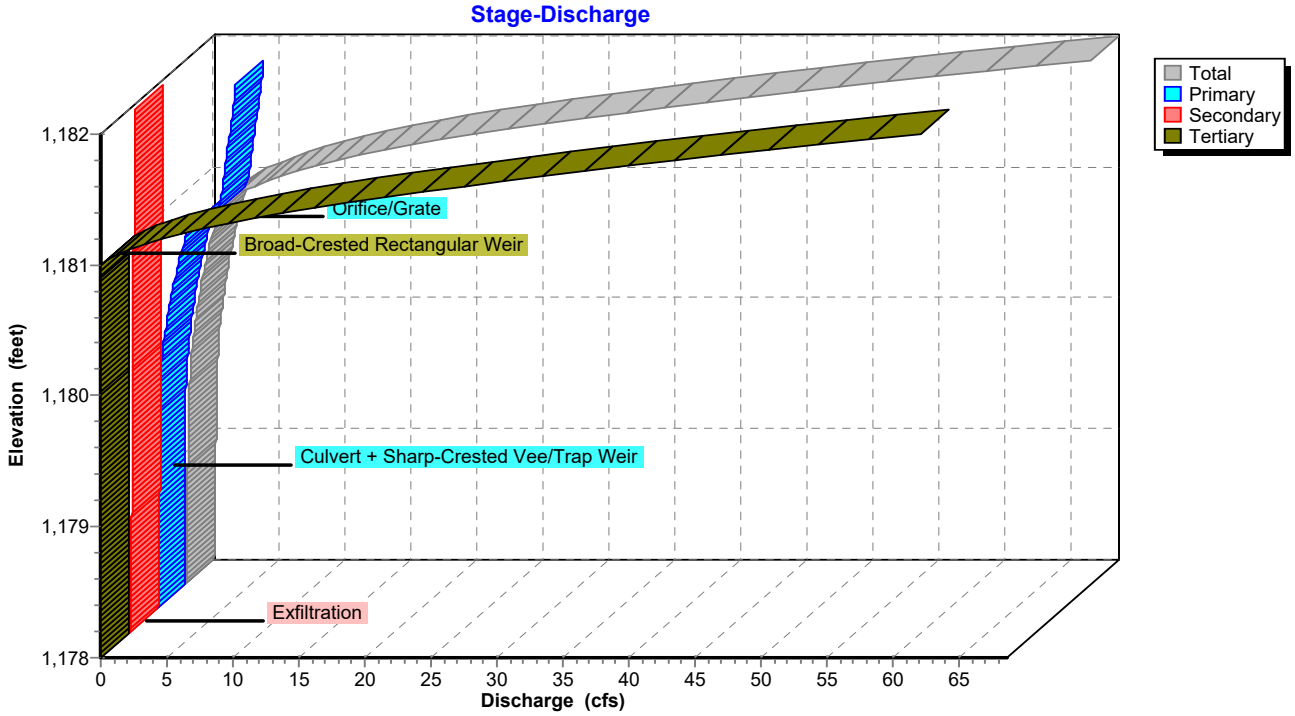
Tertiary OutFlow Max=1.54 cfs @ 12.25 hrs HW=1,181.10' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Weir Controls 1.54 cfs @ 0.78 fps)



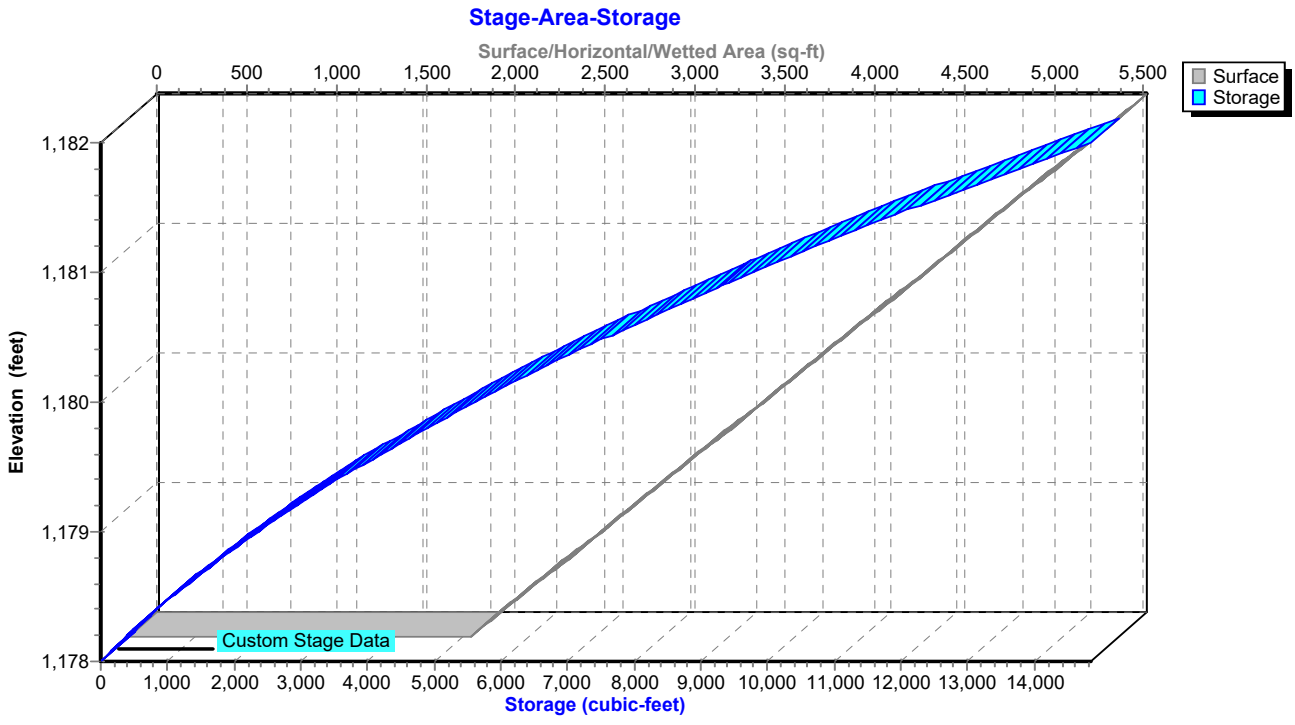
Pond P3C: Pond 3C



Pond P3C: Pond 3C



Pond P3C: Pond 3C



Hydrograph for Pond P3C: Pond 3C

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,178.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**0.45**	**5,056**	**1,179.85**	**0.61**	**0.31**	**0.30**	**0.00**
25.00	0.00	501	1,178.25	0.18	0.00	0.18	0.00
35.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,178.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P3C: Pond 3C

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,178.00	0.00	0.00	0.00	0.00
1,178.10	0.17	0.00	0.17	0.00
1,178.20	0.17	0.00	0.17	0.00
1,178.30	0.18	0.00	0.18	0.00
1,178.40	0.19	0.00	0.19	0.00
1,178.50	0.20	0.00	0.20	0.00
1,178.60	0.20	0.00	0.20	0.00
1,178.70	0.21	0.00	0.21	0.00
1,178.80	0.22	0.00	0.22	0.00
1,178.90	0.23	0.00	0.23	0.00
1,179.00	0.23	0.00	0.23	0.00
1,179.10	0.24	0.00	0.24	0.00
1,179.20	0.26	0.01	0.25	0.00
1,179.30	0.28	0.02	0.26	0.00
1,179.40	0.31	0.05	0.26	0.00
1,179.50	0.36	0.08	0.27	0.00
1,179.60	0.41	0.13	0.28	0.00
1,179.70	0.48	0.19	0.29	0.00
1,179.80	0.57	0.27	0.29	0.00
1,179.90	0.67	0.36	0.30	0.00
1,180.00	0.78	0.47	0.31	0.00
1,180.10	0.92	0.60	0.32	0.00
1,180.20	1.07	0.75	0.32	0.00
1,180.30	1.25	0.91	0.33	0.00
1,180.40	1.44	1.10	0.34	0.00
1,180.50	1.65	1.31	0.35	0.00
1,180.60	1.89	1.54	0.35	0.00
1,180.70	2.15	1.79	0.36	0.00
1,180.80	2.43	2.06	0.37	0.00
1,180.90	2.74	2.36	0.38	0.00
1,181.00	4.10	3.72	0.38	0.00
1,181.10	6.78	4.78	0.39	1.60
1,181.20	9.93	4.93	0.40	4.60
1,181.30	14.18	5.07	0.41	8.70
1,181.40	19.41	5.21	0.41	13.78
1,181.50	25.85	5.35	0.42	20.08
1,181.60	33.42	5.48	0.43	27.51
1,181.70	41.15	5.61	0.44	35.10
1,181.80	49.60	5.74	0.44	43.42
1,181.90	58.76	5.86	0.45	52.45
1,182.00	**68.62**	**5.98**	**0.46**	**62.18**

Stage-Area-Storage for Pond P3C: Pond 3C

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,178.00	1,905	0
1,178.05	1,950	96
1,178.10	1,995	195
1,178.15	2,040	296
1,178.20	2,086	399
1,178.25	2,131	504
1,178.30	2,176	612
1,178.35	2,221	722
1,178.40	2,266	834
1,178.45	2,311	949
1,178.50	2,357	1,065
1,178.55	2,402	1,184
1,178.60	2,447	1,306
1,178.65	2,492	1,429
1,178.70	2,537	1,555
1,178.75	2,582	1,683
1,178.80	2,628	1,813
1,178.85	2,673	1,946
1,178.90	2,718	2,080
1,178.95	2,763	2,217
1,179.00	2,808	2,357
1,179.05	2,853	2,498
1,179.10	2,899	2,642
1,179.15	2,944	2,788
1,179.20	2,989	2,936
1,179.25	3,034	3,087
1,179.30	3,079	3,240
1,179.35	3,124	3,395
1,179.40	3,170	3,552
1,179.45	3,215	3,712
1,179.50	3,260	3,874
1,179.55	3,305	4,038
1,179.60	3,350	4,204
1,179.65	3,395	4,373
1,179.70	3,441	4,544
1,179.75	3,486	4,717
1,179.80	3,531	4,892
1,179.85	3,576	5,070
1,179.90	3,621	5,250
1,179.95	3,666	5,432
1,180.00	3,712	5,617
1,180.05	3,757	5,803
1,180.10	3,802	5,992
1,180.15	3,847	6,183
1,180.20	3,892	6,377
1,180.25	3,937	6,573
1,180.30	3,982	6,771
1,180.35	4,028	6,971
1,180.40	4,073	7,173
1,180.45	4,118	7,378
1,180.50	4,163	7,585
1,180.55	4,208	7,794
1,180.60	4,253	8,006
1,180.65	4,299	8,220
1,180.70	4,344	8,436
1,180.75	4,389	8,654
1,180.80	4,434	8,875
1,180.85	4,479	9,098
1,180.90	4,524	9,323
1,180.95	4,570	9,550
1,181.00	4,615	9,780
1,181.05	4,660	10,011
1,181.10	4,705	10,246
1,181.15	4,750	10,482
1,181.20	4,795	10,721
1,181.25	4,841	10,962
1,181.30	4,886	11,205
1,181.35	4,931	11,450
1,181.40	4,976	11,698
1,181.45	5,021	11,948
1,181.50	5,066	12,200
1,181.55	5,112	12,454
1,181.60	5,157	12,711
1,181.65	5,202	12,970
1,181.70	5,247	13,231
1,181.75	5,292	13,495
1,181.80	5,337	13,760
1,181.85	5,383	14,028
1,181.90	5,428	14,299
1,181.95	5,473	14,571
1,182.00	**5,518**	**14,846**

Summary for Pond P3D: Pond 3D

Inflow Area = 2.380 ac, 23.95% Impervious, Inflow Depth = 3.47" for 100 YR event
Inflow = 12.83 cfs @ 12.13 hrs, Volume= 0.688 af
Outflow = 6.89 cfs @ 12.24 hrs, Volume= 0.688 af, Atten= 46%, Lag= 6.3 min
Primary = 6.04 cfs @ 12.23 hrs, Volume= 0.488 af
Routed to Link 4L : Post - North
Secondary = 0.28 cfs @ 12.23 hrs, Volume= 0.196 af
Tertiary = 0.57 cfs @ 12.24 hrs, Volume= 0.004 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,191.05' @ 12.23 hrs Surf.Area= 3,308 sf Storage= 8,209 cf

Plug-Flow detention time= 61.5 min calculated for 0.687 af (100% of inflow)
Center-of-Mass det. time= 61.5 min (872.2 - 810.7)

Volume	Invert	Avail.Storage	Storage Description
#1	1,187.00'	11,620 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

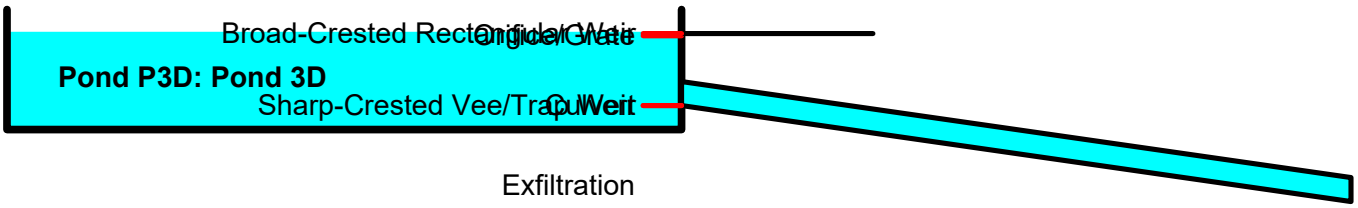
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,187.00	741	0	0
1,192.00	3,907	11,620	11,620

Device	Routing	Invert	Outlet Devices
#1	Primary	1,188.00'	**12.0" Round Culvert** L= 35.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,188.00' / 1,184.00' S= 0.1143 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,188.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,190.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600
#4	Secondary	1,187.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,191.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

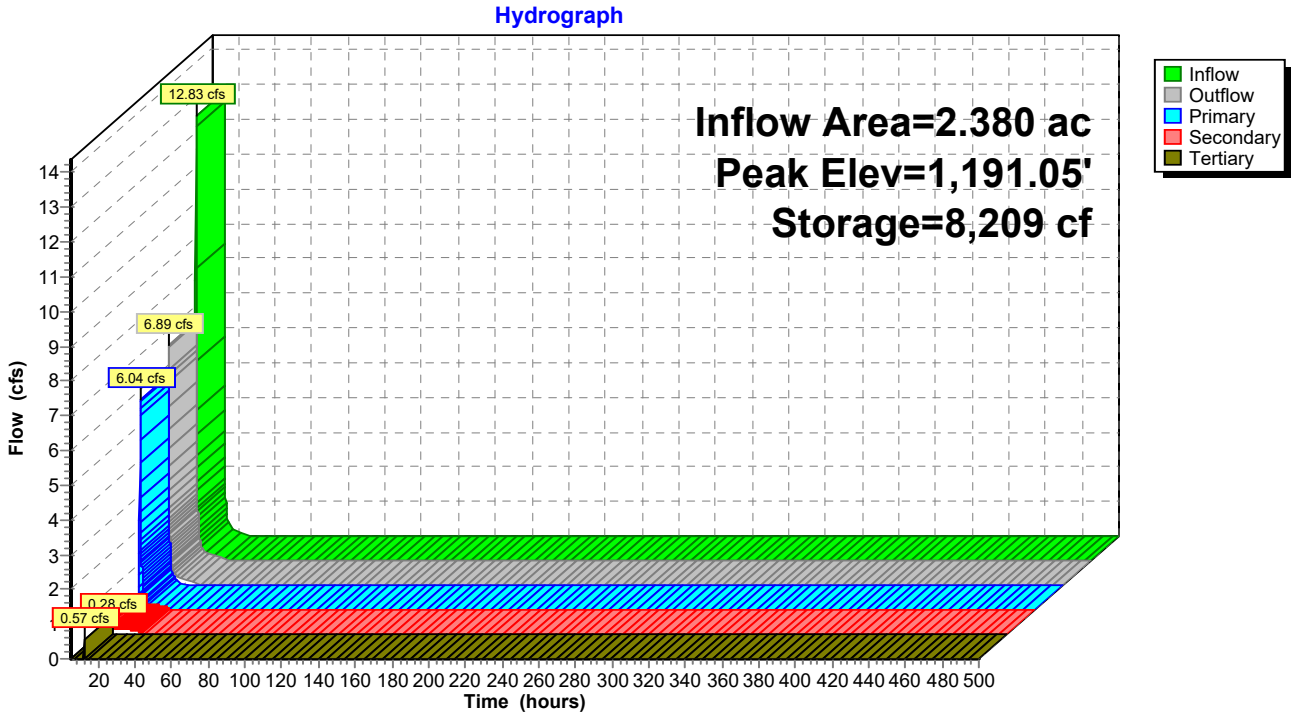
Primary OutFlow Max=6.03 cfs @ 12.23 hrs HW=1,191.04' (Free Discharge)
└**1=Culvert** (Inlet Controls 6.03 cfs @ 7.68 fps)
└**2=Sharp-Crested Vee/Trap Weir** (Passes < 7.67 cfs potential flow)
└**3=Orifice/Grate** (Passes < 10.95 cfs potential flow)

Secondary OutFlow Max=0.28 cfs @ 12.23 hrs HW=1,191.04' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.28 cfs)

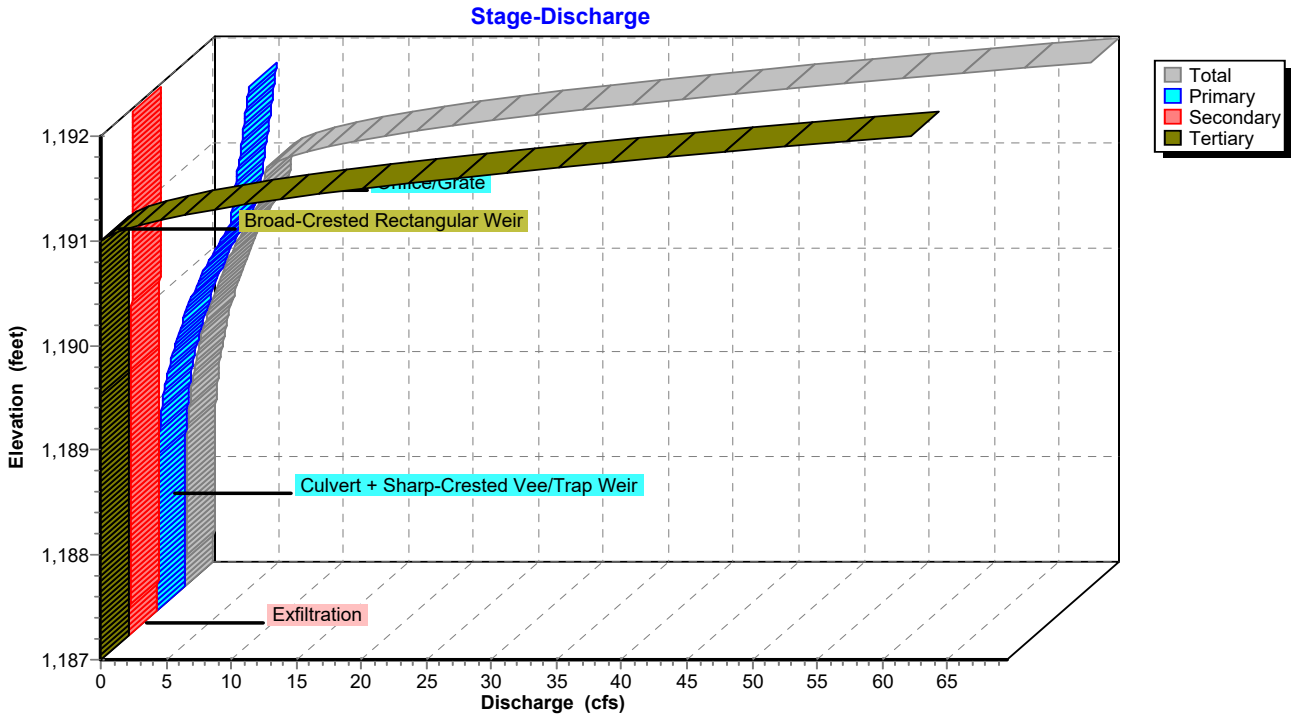
Tertiary OutFlow Max=0.48 cfs @ 12.24 hrs HW=1,191.05' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Weir Controls 0.48 cfs @ 0.53 fps)



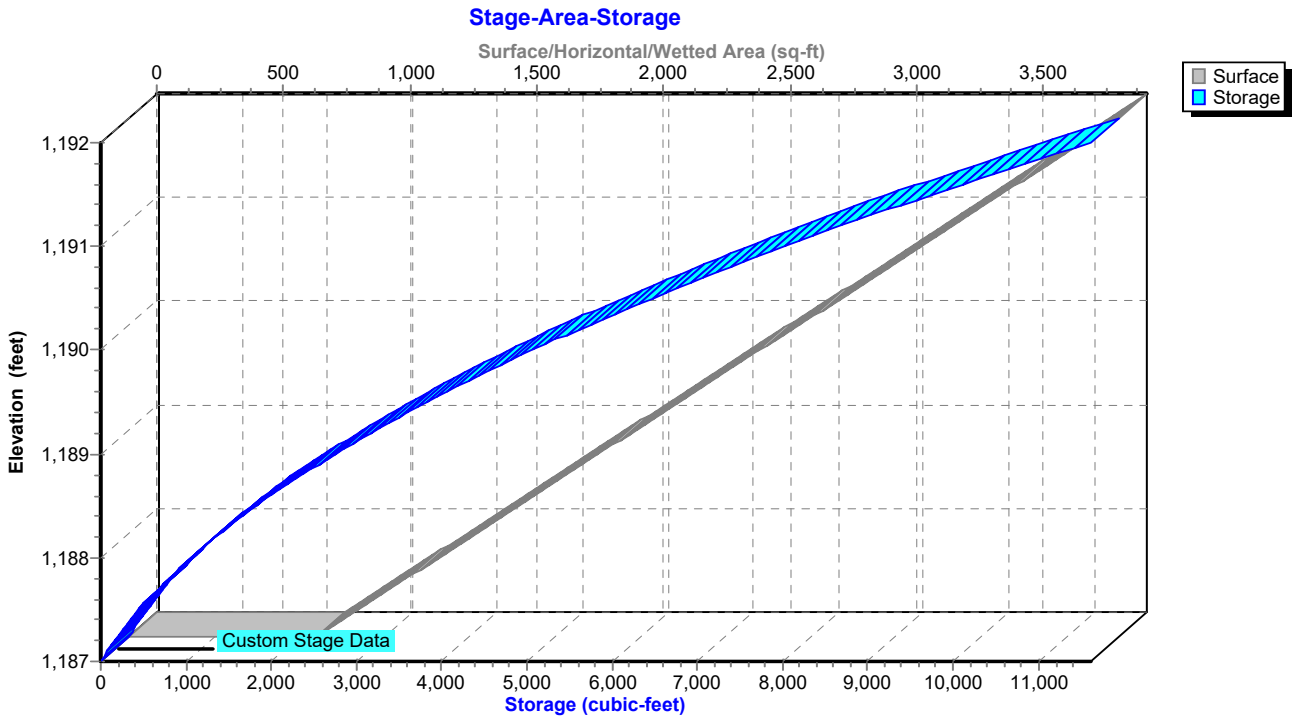
Pond P3D: Pond 3D



Pond P3D: Pond 3D



Pond P3D: Pond 3D



Hydrograph for Pond P3D: Pond 3D

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,187.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**0.43**	**2,469**	**1,188.86**	**0.48**	**0.32**	**0.16**	**0.00**
25.00	0.00	703	1,187.72	0.10	0.00	0.10	0.00
35.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,187.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P3D: Pond 3D

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,187.00	0.00	0.00	0.00	0.00
1,187.10	0.07	0.00	0.07	0.00
1,187.20	0.07	0.00	0.07	0.00
1,187.30	0.08	0.00	0.08	0.00
1,187.40	0.08	0.00	0.08	0.00
1,187.50	0.09	0.00	0.09	0.00
1,187.60	0.09	0.00	0.09	0.00
1,187.70	0.10	0.00	0.10	0.00
1,187.80	0.10	0.00	0.10	0.00
1,187.90	0.11	0.00	0.11	0.00
1,188.00	0.11	0.00	0.11	0.00
1,188.10	0.12	0.00	0.12	0.00
1,188.20	0.13	0.01	0.13	0.00
1,188.30	0.15	0.02	0.13	0.00
1,188.40	0.18	0.05	0.14	0.00
1,188.50	0.22	0.08	0.14	0.00
1,188.60	0.28	0.13	0.15	0.00
1,188.70	0.35	0.19	0.15	0.00
1,188.80	0.43	0.27	0.16	0.00
1,188.90	0.53	0.36	0.16	0.00
1,189.00	0.64	0.47	0.17	0.00
1,189.10	0.77	0.60	0.17	0.00
1,189.20	0.93	0.75	0.18	0.00
1,189.30	1.10	0.91	0.18	0.00
1,189.40	1.29	1.10	0.19	0.00
1,189.50	1.50	1.31	0.19	0.00
1,189.60	1.73	1.54	0.20	0.00
1,189.70	1.99	1.79	0.20	0.00
1,189.80	2.27	2.06	0.21	0.00
1,189.90	2.58	2.36	0.21	0.00
1,190.00	2.90	2.68	0.22	0.00
1,190.10	3.26	3.03	0.23	0.00
1,190.20	3.64	3.41	0.23	0.00
1,190.30	4.04	3.81	0.24	0.00
1,190.40	4.47	4.23	0.24	0.00
1,190.50	4.93	4.69	0.25	0.00
1,190.60	5.42	5.17	0.25	0.00
1,190.70	5.87	5.61	0.26	0.00
1,190.80	6.00	5.74	0.26	0.00
1,190.90	6.13	5.86	0.27	0.00
1,191.00	6.25	5.98	0.27	0.00
1,191.10	7.98	6.10	0.28	1.60
1,191.20	11.09	6.21	0.28	4.60
1,191.30	15.31	6.33	0.29	8.70
1,191.40	20.52	6.44	0.29	13.78
1,191.50	26.93	6.55	0.30	20.08
1,191.60	34.47	6.66	0.30	27.51
1,191.70	42.18	6.76	0.31	35.10
1,191.80	50.61	6.87	0.32	43.42
1,191.90	59.75	6.97	0.32	52.45
1,192.00	**69.58**	**7.07**	**0.33**	**62.18**

Stage-Area-Storage for Pond P3D: Pond 3D

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,187.00	741	0	1,189.55	2,356	3,948
1,187.05	773	38	1,189.60	2,387	4,067
1,187.10	804	77	1,189.65	2,419	4,187
1,187.15	836	118	1,189.70	2,451	4,309
1,187.20	868	161	1,189.75	2,482	4,432
1,187.25	899	205	1,189.80	2,514	4,557
1,187.30	931	251	1,189.85	2,546	4,683
1,187.35	963	298	1,189.90	2,577	4,812
1,187.40	994	347	1,189.95	2,609	4,941
1,187.45	1,026	398	1,190.00	2,641	5,072
1,187.50	1,058	450	1,190.05	2,672	5,205
1,187.55	1,089	503	1,190.10	2,704	5,340
1,187.60	1,121	559	1,190.15	2,736	5,476
1,187.65	1,153	615	1,190.20	2,767	5,613
1,187.70	1,184	674	1,190.25	2,799	5,752
1,187.75	1,216	734	1,190.30	2,831	5,893
1,187.80	1,248	795	1,190.35	2,862	6,035
1,187.85	1,279	859	1,190.40	2,894	6,179
1,187.90	1,311	923	1,190.45	2,926	6,325
1,187.95	1,343	990	1,190.50	2,957	6,472
1,188.00	1,374	1,058	1,190.55	2,989	6,621
1,188.05	1,406	1,127	1,190.60	3,021	6,771
1,188.10	1,438	1,198	1,190.65	3,052	6,923
1,188.15	1,469	1,271	1,190.70	3,084	7,076
1,188.20	1,501	1,345	1,190.75	3,116	7,231
1,188.25	1,533	1,421	1,190.80	3,147	7,388
1,188.30	1,564	1,498	1,190.85	3,179	7,546
1,188.35	1,596	1,577	1,190.90	3,210	7,705
1,188.40	1,627	1,658	1,190.95	3,242	7,867
1,188.45	1,659	1,740	1,191.00	3,274	8,030
1,188.50	1,691	1,824	1,191.05	3,305	8,194
1,188.55	1,722	1,909	1,191.10	3,337	8,360
1,188.60	1,754	1,996	1,191.15	3,369	8,528
1,188.65	1,786	2,085	1,191.20	3,400	8,697
1,188.70	1,817	2,175	1,191.25	3,432	8,868
1,188.75	1,849	2,266	1,191.30	3,464	9,040
1,188.80	1,881	2,360	1,191.35	3,495	9,214
1,188.85	1,912	2,454	1,191.40	3,527	9,390
1,188.90	1,944	2,551	1,191.45	3,559	9,567
1,188.95	1,976	2,649	1,191.50	3,590	9,746
1,189.00	2,007	2,748	1,191.55	3,622	9,926
1,189.05	2,039	2,850	1,191.60	3,654	10,108
1,189.10	2,071	2,952	1,191.65	3,685	10,291
1,189.15	2,102	3,057	1,191.70	3,717	10,476
1,189.20	2,134	3,163	1,191.75	3,749	10,663
1,189.25	2,166	3,270	1,191.80	3,780	10,851
1,189.30	2,197	3,379	1,191.85	3,812	11,041
1,189.35	2,229	3,490	1,191.90	3,844	11,232
1,189.40	2,261	3,602	1,191.95	3,875	11,425
1,189.45	2,292	3,716	1,192.00	**3,907**	**11,620**
1,189.50	2,324	3,831			

Summary for Pond P3E: Pond 3E

Inflow Area = 2.780 ac, 19.06% Impervious, Inflow Depth = 3.27" for 100 YR event
Inflow = 14.19 cfs @ 12.13 hrs, Volume= 0.757 af
Outflow = 7.12 cfs @ 12.25 hrs, Volume= 0.757 af, Atten= 50%, Lag= 7.2 min
Primary = 4.80 cfs @ 12.25 hrs, Volume= 0.380 af
Routed to Link 4L : Post - North
Secondary = 0.39 cfs @ 12.25 hrs, Volume= 0.361 af
Tertiary = 1.93 cfs @ 12.25 hrs, Volume= 0.016 af

Routing by Stor-Ind method, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs
Peak Elev= 1,219.11' @ 12.25 hrs Surf.Area= 4,661 sf Storage= 11,171 cf

Plug-Flow detention time= 107.5 min calculated for 0.757 af (100% of inflow)
Center-of-Mass det. time= 107.5 min (922.2 - 814.6)

Volume	Invert	Avail.Storage	Storage Description
#1	1,216.00'	15,578 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

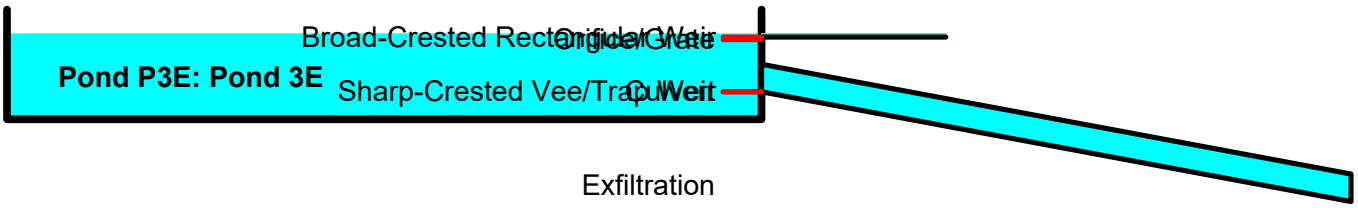
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,216.00	2,517	0	0
1,220.00	5,272	15,578	15,578

Device	Routing	Invert	Outlet Devices
#1	Primary	1,217.00'	**12.0" Round Culvert** L= 32.0' RCP, end-section conforming to fill, Ke= 0.500 Inlet / Outlet Invert= 1,217.00' / 1,213.00' S= 0.1250 '/' Cc= 0.900 n= 0.013 Concrete pipe, straight & clean, Flow Area= 0.79 sf
#2	Device 1	1,217.00'	**20.0 deg Sharp-Crested Vee/Trap Weir** Cv= 2.69 (C= 3.36)
#3	Device 1	1,218.90'	**24.0" x 36.0" Horiz. Orifice/Grate** C= 0.600
#4	Secondary	1,216.00'	**3.600 in/hr Exfiltration over Surface area**
#5	Tertiary	1,219.00'	**20.0' long + 4.0 '/' SideZ x 10.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.49 2.56 2.70 2.69 2.68 2.69 2.67 2.64

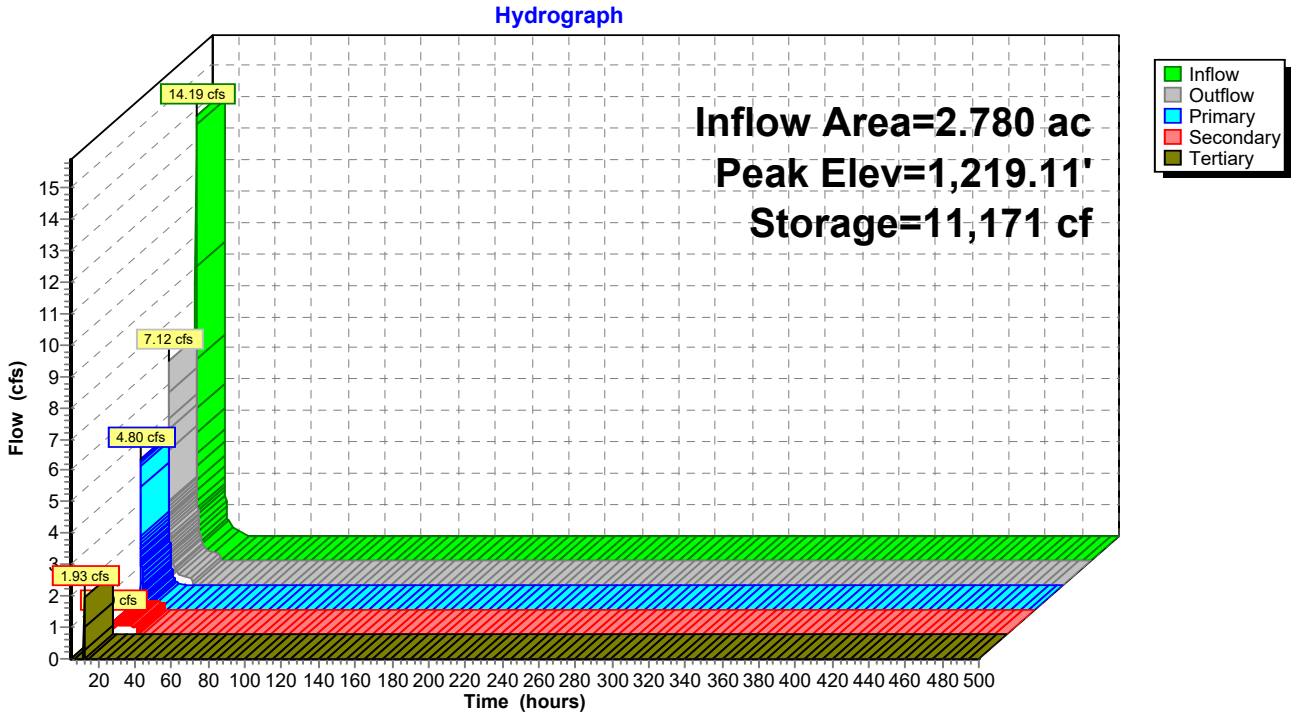
Primary OutFlow Max=4.80 cfs @ 12.25 hrs HW=1,219.11' (Free Discharge)
└**1=Culvert** (Inlet Controls 4.80 cfs @ 6.11 fps)
└**2=Sharp-Crested Vee/Trap Weir** (Passes < 3.08 cfs potential flow)
└**3=Orifice/Grate** (Passes < 13.32 cfs potential flow)

Secondary OutFlow Max=0.39 cfs @ 12.25 hrs HW=1,219.11' (Free Discharge)
└**4=Exfiltration** (Exfiltration Controls 0.39 cfs)

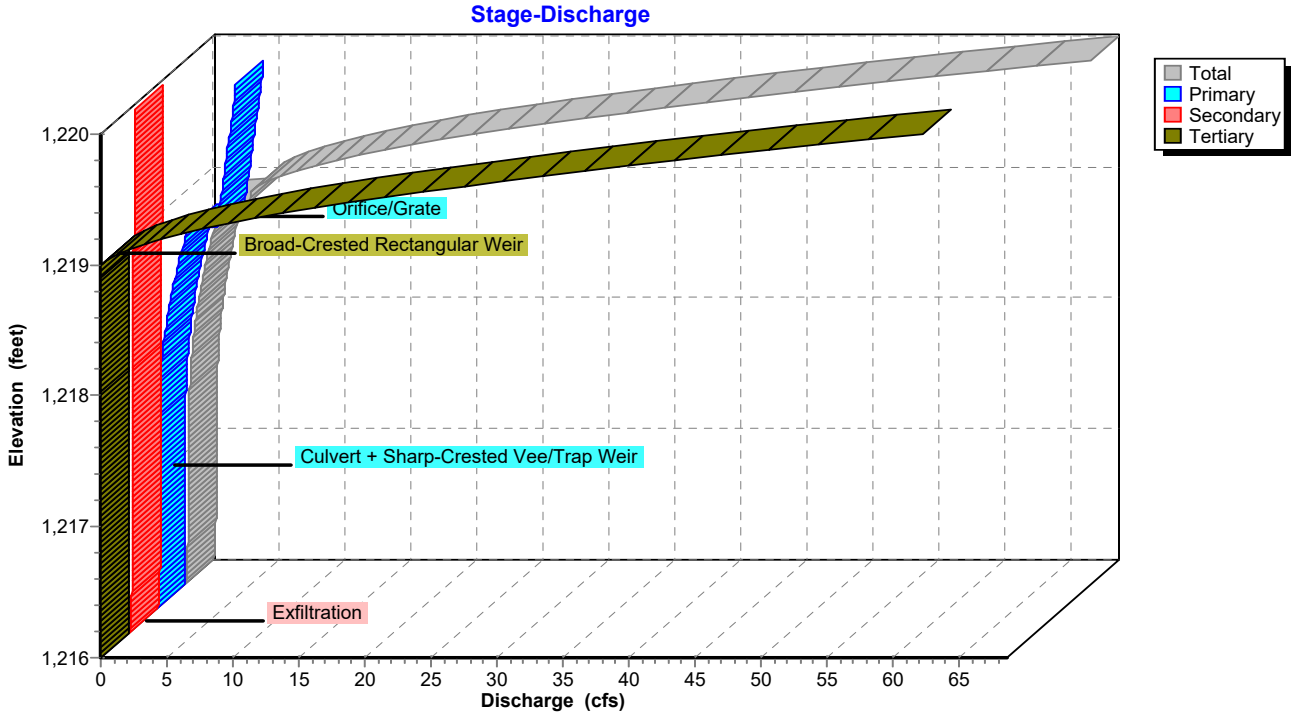
Tertiary OutFlow Max=1.84 cfs @ 12.25 hrs HW=1,219.11' (Free Discharge)
└**5=Broad-Crested Rectangular Weir** (Weir Controls 1.84 cfs @ 0.82 fps)



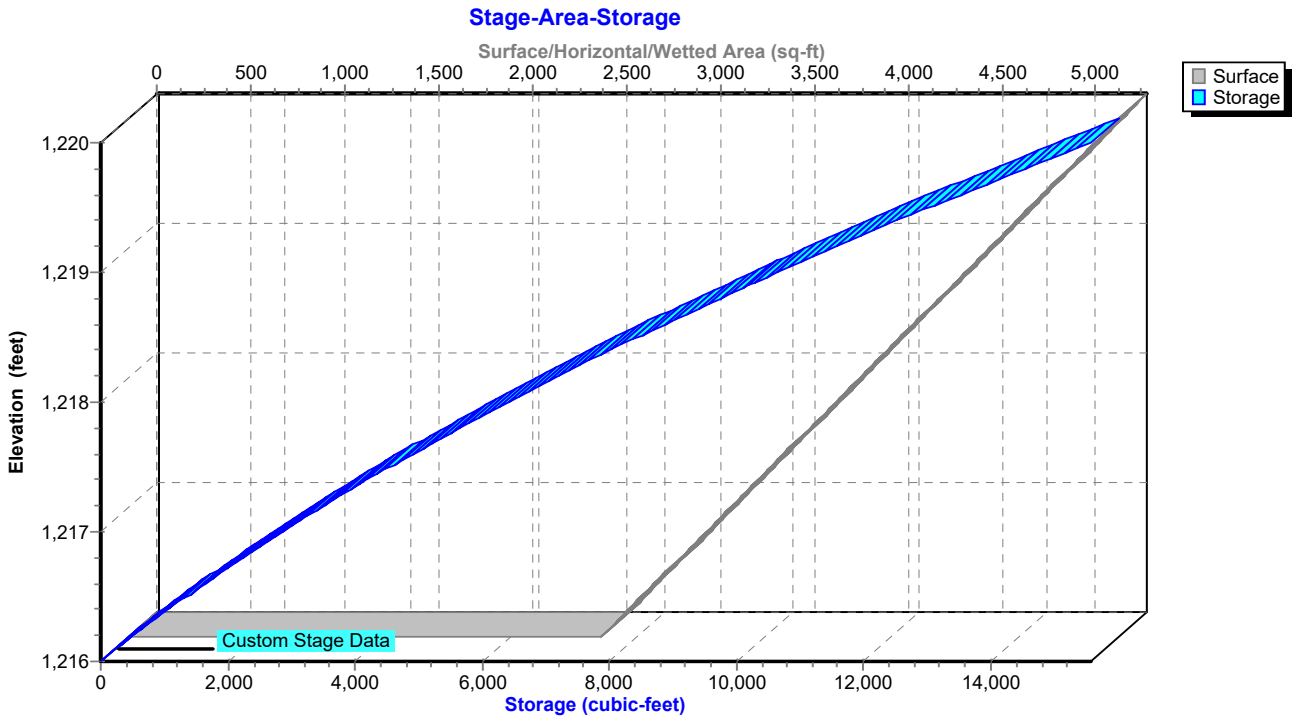
Pond P3E: Pond 3E



Pond P3E: Pond 3E



Pond P3E: Pond 3E



Hydrograph for Pond P3E: Pond 3E

Time (hours)	Inflow (cfs)	Storage (cubic-feet)	Elevation (feet)	Outflow (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
5.00	**0.00**	**0**	**1,216.00**	**0.00**	**0.00**	**0.00**	**0.00**
15.00	**0.49**	**5,966**	**1,217.88**	**0.67**	**0.35**	**0.32**	**0.00**
25.00	0.00	622	1,216.24	0.22	0.00	0.22	0.00
35.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
45.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
55.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
65.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
75.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
85.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
95.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
105.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
115.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
125.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
135.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
145.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
155.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
165.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
175.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
185.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
195.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
205.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
215.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
225.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
235.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
245.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
255.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
265.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
275.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
285.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
295.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
305.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
315.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
325.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
335.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
345.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
355.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
365.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
375.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
385.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
395.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
405.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
415.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
425.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
435.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
445.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
455.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
465.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
475.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
485.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00
495.00	0.00	0	1,216.00	0.00	0.00	0.00	0.00

Stage-Discharge for Pond P3E: Pond 3E

Elevation (feet)	Discharge (cfs)	Primary (cfs)	Secondary (cfs)	Tertiary (cfs)
1,216.00	0.00	0.00	0.00	0.00
1,216.10	0.22	0.00	0.22	0.00
1,216.20	0.22	0.00	0.22	0.00
1,216.30	0.23	0.00	0.23	0.00
1,216.40	0.23	0.00	0.23	0.00
1,216.50	0.24	0.00	0.24	0.00
1,216.60	0.24	0.00	0.24	0.00
1,216.70	0.25	0.00	0.25	0.00
1,216.80	0.26	0.00	0.26	0.00
1,216.90	0.26	0.00	0.26	0.00
1,217.00	0.27	0.00	0.27	0.00
1,217.10	0.27	0.00	0.27	0.00
1,217.20	0.29	0.01	0.28	0.00
1,217.30	0.31	0.02	0.28	0.00
1,217.40	0.34	0.05	0.29	0.00
1,217.50	0.38	0.08	0.30	0.00
1,217.60	0.43	0.13	0.30	0.00
1,217.70	0.50	0.19	0.31	0.00
1,217.80	0.58	0.27	0.31	0.00
1,217.90	0.68	0.36	0.32	0.00
1,218.00	0.80	0.47	0.32	0.00
1,218.10	0.93	0.60	0.33	0.00
1,218.20	1.08	0.75	0.34	0.00
1,218.30	1.26	0.91	0.34	0.00
1,218.40	1.45	1.10	0.35	0.00
1,218.50	1.66	1.31	0.35	0.00
1,218.60	1.89	1.54	0.36	0.00
1,218.70	2.15	1.79	0.36	0.00
1,218.80	2.43	2.06	0.37	0.00
1,218.90	2.74	2.36	0.38	0.00
1,219.00	5.01	4.63	0.38	0.00
1,219.10	6.77	4.78	0.39	1.60
1,219.20	9.92	4.93	0.39	4.60
1,219.30	14.17	5.07	0.40	8.70
1,219.40	19.40	5.21	0.40	13.78
1,219.50	25.84	5.35	0.41	20.08
1,219.60	33.40	5.48	0.42	27.51
1,219.70	41.13	5.61	0.42	35.10
1,219.80	49.59	5.74	0.43	43.42
1,219.90	58.74	5.86	0.43	52.45
1,220.00	**68.59**	**5.98**	**0.44**	**62.18**

Stage-Area-Storage for Pond P3E: Pond 3E

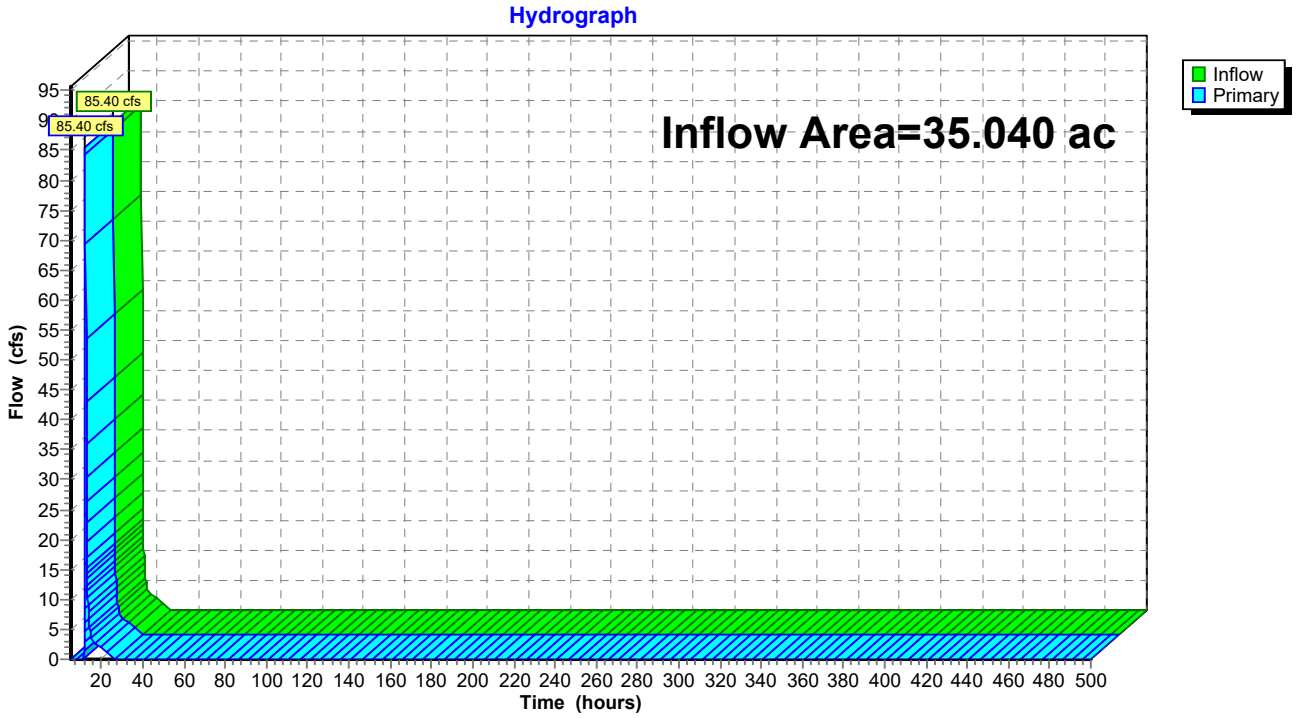
Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
1,216.00	2,517	0
1,216.05	2,551	127
1,216.10	2,586	255
1,216.15	2,620	385
1,216.20	2,655	517
1,216.25	2,689	651
1,216.30	2,724	786
1,216.35	2,758	923
1,216.40	2,793	1,062
1,216.45	2,827	1,202
1,216.50	2,861	1,345
1,216.55	2,896	1,489
1,216.60	2,930	1,634
1,216.65	2,965	1,782
1,216.70	2,999	1,931
1,216.75	3,034	2,081
1,216.80	3,068	2,234
1,216.85	3,102	2,388
1,216.90	3,137	2,544
1,216.95	3,171	2,702
1,217.00	3,206	2,861
1,217.05	3,240	3,023
1,217.10	3,275	3,185
1,217.15	3,309	3,350
1,217.20	3,344	3,516
1,217.25	3,378	3,684
1,217.30	3,412	3,854
1,217.35	3,447	4,026
1,217.40	3,481	4,199
1,217.45	3,516	4,374
1,217.50	3,550	4,550
1,217.55	3,585	4,729
1,217.60	3,619	4,909
1,217.65	3,653	5,091
1,217.70	3,688	5,274
1,217.75	3,722	5,459
1,217.80	3,757	5,646
1,217.85	3,791	5,835
1,217.90	3,826	6,025
1,217.95	3,860	6,218
1,218.00	3,895	6,412
1,218.05	3,929	6,607
1,218.10	3,963	6,804
1,218.15	3,998	7,003
1,218.20	4,032	7,204
1,218.25	4,067	7,407
1,218.30	4,101	7,611
1,218.35	4,136	7,817
1,218.40	4,170	8,024
1,218.45	4,204	8,234
1,218.50	4,239	8,445
1,218.55	4,273	8,658
1,218.60	4,308	8,872
1,218.65	4,342	9,088
1,218.70	4,377	9,306
1,218.75	4,411	9,526
1,218.80	4,445	9,747
1,218.85	4,480	9,971
1,218.90	4,514	10,195
1,218.95	4,549	10,422
1,219.00	4,583	10,650
1,219.05	4,618	10,880
1,219.10	4,652	11,112
1,219.15	4,687	11,346
1,219.20	4,721	11,581
1,219.25	4,755	11,818
1,219.30	4,790	12,056
1,219.35	4,824	12,297
1,219.40	4,859	12,539
1,219.45	4,893	12,783
1,219.50	4,928	13,028
1,219.55	4,962	13,275
1,219.60	4,996	13,524
1,219.65	5,031	13,775
1,219.70	5,065	14,027
1,219.75	5,100	14,282
1,219.80	5,134	14,537
1,219.85	5,169	14,795
1,219.90	5,203	15,054
1,219.95	5,238	15,315
1,220.00	**5,272**	**15,578**

Summary for Link 1L: Total Pre - Development

Inflow Area = 35.040 ac, 0.00% Impervious, Inflow Depth = 1.90" for 100 YR event
Inflow = 85.40 cfs @ 12.18 hrs, Volume= 5.547 af
Primary = 85.40 cfs @ 12.18 hrs, Volume= 5.547 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs

Link 1L: Total Pre - Development



Hydrograph for Link 1L: Total Pre - Development

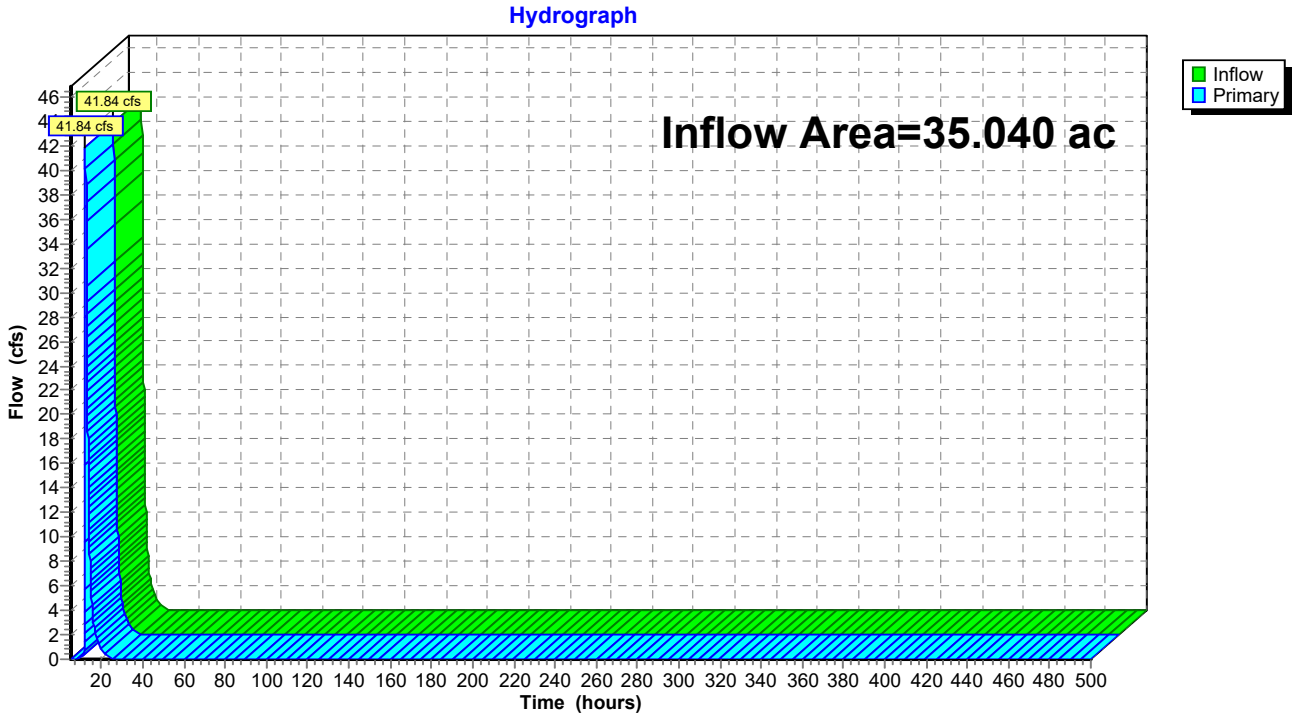
Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.00	0.00	**0.00**	0.00	260.00	0.00	0.00	0.00
10.00	**0.00**	0.00	**0.00**	265.00	0.00	0.00	0.00
15.00	**4.55**	0.00	**4.55**	270.00	0.00	0.00	0.00
20.00	1.73	0.00	1.73	275.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	280.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	285.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	290.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	295.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	300.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	305.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	310.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	315.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	320.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	325.00	0.00	0.00	0.00
75.00	0.00	0.00	0.00	330.00	0.00	0.00	0.00
80.00	0.00	0.00	0.00	335.00	0.00	0.00	0.00
85.00	0.00	0.00	0.00	340.00	0.00	0.00	0.00
90.00	0.00	0.00	0.00	345.00	0.00	0.00	0.00
95.00	0.00	0.00	0.00	350.00	0.00	0.00	0.00
100.00	0.00	0.00	0.00	355.00	0.00	0.00	0.00
105.00	0.00	0.00	0.00	360.00	0.00	0.00	0.00
110.00	0.00	0.00	0.00	365.00	0.00	0.00	0.00
115.00	0.00	0.00	0.00	370.00	0.00	0.00	0.00
120.00	0.00	0.00	0.00	375.00	0.00	0.00	0.00
125.00	0.00	0.00	0.00	380.00	0.00	0.00	0.00
130.00	0.00	0.00	0.00	385.00	0.00	0.00	0.00
135.00	0.00	0.00	0.00	390.00	0.00	0.00	0.00
140.00	0.00	0.00	0.00	395.00	0.00	0.00	0.00
145.00	0.00	0.00	0.00	400.00	0.00	0.00	0.00
150.00	0.00	0.00	0.00	405.00	0.00	0.00	0.00
155.00	0.00	0.00	0.00	410.00	0.00	0.00	0.00
160.00	0.00	0.00	0.00	415.00	0.00	0.00	0.00
165.00	0.00	0.00	0.00	420.00	0.00	0.00	0.00
170.00	0.00	0.00	0.00	425.00	0.00	0.00	0.00
175.00	0.00	0.00	0.00	430.00	0.00	0.00	0.00
180.00	0.00	0.00	0.00	435.00	0.00	0.00	0.00
185.00	0.00	0.00	0.00	440.00	0.00	0.00	0.00
190.00	0.00	0.00	0.00	445.00	0.00	0.00	0.00
195.00	0.00	0.00	0.00	450.00	0.00	0.00	0.00
200.00	0.00	0.00	0.00	455.00	0.00	0.00	0.00
205.00	0.00	0.00	0.00	460.00	0.00	0.00	0.00
210.00	0.00	0.00	0.00	465.00	0.00	0.00	0.00
215.00	0.00	0.00	0.00	470.00	0.00	0.00	0.00
220.00	0.00	0.00	0.00	475.00	0.00	0.00	0.00
225.00	0.00	0.00	0.00	480.00	0.00	0.00	0.00
230.00	0.00	0.00	0.00	485.00	0.00	0.00	0.00
235.00	0.00	0.00	0.00	490.00	0.00	0.00	0.00
240.00	0.00	0.00	0.00	495.00	0.00	0.00	0.00
245.00	0.00	0.00	0.00	500.00	0.00	0.00	0.00
250.00	0.00	0.00	0.00				
255.00	0.00	0.00	0.00				

Summary for Link 2L: Total Post - Development

Inflow Area = 35.040 ac, 19.66% Impervious, Inflow Depth = 1.86" for 100 YR event
Inflow = 41.84 cfs @ 12.21 hrs, Volume= 5.425 af
Primary = 41.84 cfs @ 12.21 hrs, Volume= 5.425 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs

Link 2L: Total Post - Development



Hydrograph for Link 2L: Total Post - Development

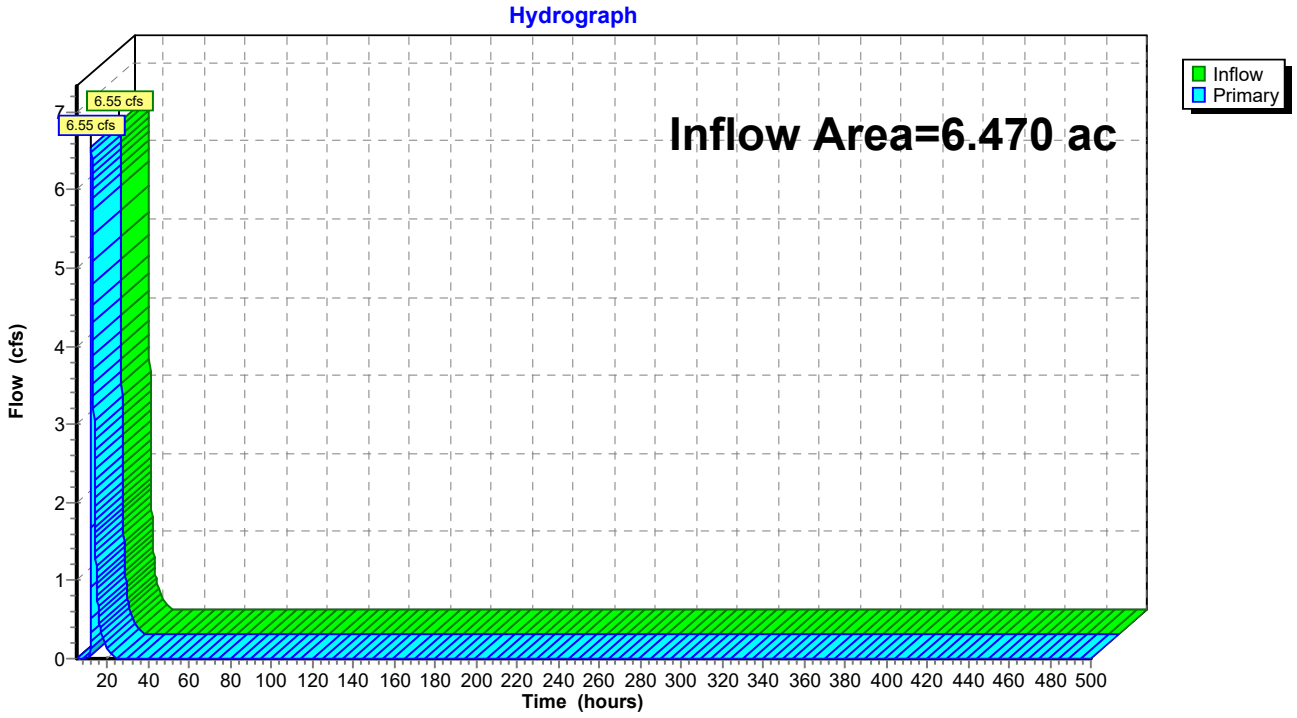
Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.00	0.00	**0.00**	0.00	260.00	0.00	0.00	0.00
10.00	**0.09**	0.00	**0.09**	265.00	0.00	0.00	0.00
15.00	**5.37**	0.00	**5.37**	270.00	0.00	0.00	0.00
20.00	0.78	0.00	0.78	275.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	280.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	285.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	290.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	295.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	300.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	305.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	310.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	315.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	320.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	325.00	0.00	0.00	0.00
75.00	0.00	0.00	0.00	330.00	0.00	0.00	0.00
80.00	0.00	0.00	0.00	335.00	0.00	0.00	0.00
85.00	0.00	0.00	0.00	340.00	0.00	0.00	0.00
90.00	0.00	0.00	0.00	345.00	0.00	0.00	0.00
95.00	0.00	0.00	0.00	350.00	0.00	0.00	0.00
100.00	0.00	0.00	0.00	355.00	0.00	0.00	0.00
105.00	0.00	0.00	0.00	360.00	0.00	0.00	0.00
110.00	0.00	0.00	0.00	365.00	0.00	0.00	0.00
115.00	0.00	0.00	0.00	370.00	0.00	0.00	0.00
120.00	0.00	0.00	0.00	375.00	0.00	0.00	0.00
125.00	0.00	0.00	0.00	380.00	0.00	0.00	0.00
130.00	0.00	0.00	0.00	385.00	0.00	0.00	0.00
135.00	0.00	0.00	0.00	390.00	0.00	0.00	0.00
140.00	0.00	0.00	0.00	395.00	0.00	0.00	0.00
145.00	0.00	0.00	0.00	400.00	0.00	0.00	0.00
150.00	0.00	0.00	0.00	405.00	0.00	0.00	0.00
155.00	0.00	0.00	0.00	410.00	0.00	0.00	0.00
160.00	0.00	0.00	0.00	415.00	0.00	0.00	0.00
165.00	0.00	0.00	0.00	420.00	0.00	0.00	0.00
170.00	0.00	0.00	0.00	425.00	0.00	0.00	0.00
175.00	0.00	0.00	0.00	430.00	0.00	0.00	0.00
180.00	0.00	0.00	0.00	435.00	0.00	0.00	0.00
185.00	0.00	0.00	0.00	440.00	0.00	0.00	0.00
190.00	0.00	0.00	0.00	445.00	0.00	0.00	0.00
195.00	0.00	0.00	0.00	450.00	0.00	0.00	0.00
200.00	0.00	0.00	0.00	455.00	0.00	0.00	0.00
205.00	0.00	0.00	0.00	460.00	0.00	0.00	0.00
210.00	0.00	0.00	0.00	465.00	0.00	0.00	0.00
215.00	0.00	0.00	0.00	470.00	0.00	0.00	0.00
220.00	0.00	0.00	0.00	475.00	0.00	0.00	0.00
225.00	0.00	0.00	0.00	480.00	0.00	0.00	0.00
230.00	0.00	0.00	0.00	485.00	0.00	0.00	0.00
235.00	0.00	0.00	0.00	490.00	0.00	0.00	0.00
240.00	0.00	0.00	0.00	495.00	0.00	0.00	0.00
245.00	0.00	0.00	0.00	500.00	0.00	0.00	0.00
250.00	0.00	0.00	0.00				
255.00	0.00	0.00	0.00				

Summary for Link 3L: Post - South

Inflow Area = 6.470 ac, 18.70% Impervious, Inflow Depth = 1.68" for 100 YR event
Inflow = 6.55 cfs @ 12.25 hrs, Volume= 0.907 af
Primary = 6.55 cfs @ 12.25 hrs, Volume= 0.907 af, Atten= 0%, Lag= 0.0 min
Routed to Link 2L : Total Post - Development

Primary outflow = Inflow, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs

Link 3L: Post - South



Hydrograph for Link 3L: Post - South

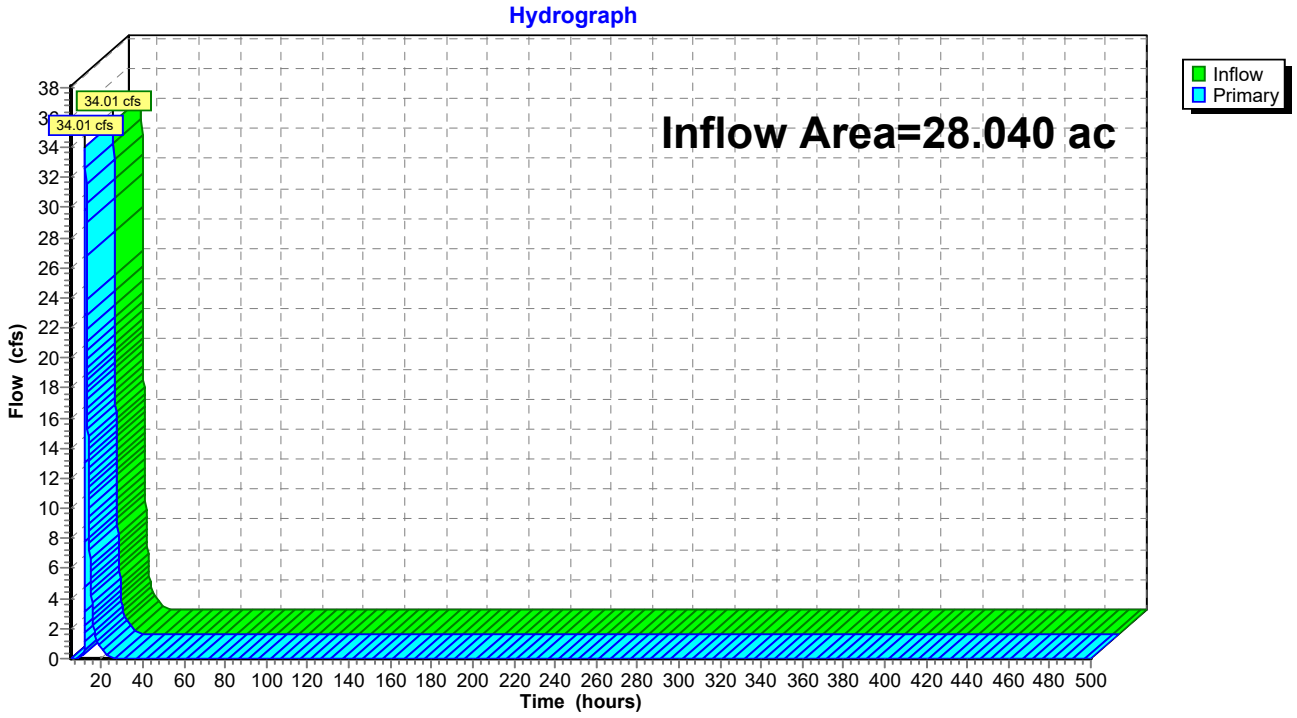
Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.00	0.00	**0.00**	0.00	260.00	0.00	0.00	0.00
10.00	**0.00**	0.00	**0.00**	265.00	0.00	0.00	0.00
15.00	**0.88**	0.00	**0.88**	270.00	0.00	0.00	0.00
20.00	0.11	0.00	0.11	275.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	280.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	285.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	290.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	295.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	300.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	305.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	310.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	315.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	320.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	325.00	0.00	0.00	0.00
75.00	0.00	0.00	0.00	330.00	0.00	0.00	0.00
80.00	0.00	0.00	0.00	335.00	0.00	0.00	0.00
85.00	0.00	0.00	0.00	340.00	0.00	0.00	0.00
90.00	0.00	0.00	0.00	345.00	0.00	0.00	0.00
95.00	0.00	0.00	0.00	350.00	0.00	0.00	0.00
100.00	0.00	0.00	0.00	355.00	0.00	0.00	0.00
105.00	0.00	0.00	0.00	360.00	0.00	0.00	0.00
110.00	0.00	0.00	0.00	365.00	0.00	0.00	0.00
115.00	0.00	0.00	0.00	370.00	0.00	0.00	0.00
120.00	0.00	0.00	0.00	375.00	0.00	0.00	0.00
125.00	0.00	0.00	0.00	380.00	0.00	0.00	0.00
130.00	0.00	0.00	0.00	385.00	0.00	0.00	0.00
135.00	0.00	0.00	0.00	390.00	0.00	0.00	0.00
140.00	0.00	0.00	0.00	395.00	0.00	0.00	0.00
145.00	0.00	0.00	0.00	400.00	0.00	0.00	0.00
150.00	0.00	0.00	0.00	405.00	0.00	0.00	0.00
155.00	0.00	0.00	0.00	410.00	0.00	0.00	0.00
160.00	0.00	0.00	0.00	415.00	0.00	0.00	0.00
165.00	0.00	0.00	0.00	420.00	0.00	0.00	0.00
170.00	0.00	0.00	0.00	425.00	0.00	0.00	0.00
175.00	0.00	0.00	0.00	430.00	0.00	0.00	0.00
180.00	0.00	0.00	0.00	435.00	0.00	0.00	0.00
185.00	0.00	0.00	0.00	440.00	0.00	0.00	0.00
190.00	0.00	0.00	0.00	445.00	0.00	0.00	0.00
195.00	0.00	0.00	0.00	450.00	0.00	0.00	0.00
200.00	0.00	0.00	0.00	455.00	0.00	0.00	0.00
205.00	0.00	0.00	0.00	460.00	0.00	0.00	0.00
210.00	0.00	0.00	0.00	465.00	0.00	0.00	0.00
215.00	0.00	0.00	0.00	470.00	0.00	0.00	0.00
220.00	0.00	0.00	0.00	475.00	0.00	0.00	0.00
225.00	0.00	0.00	0.00	480.00	0.00	0.00	0.00
230.00	0.00	0.00	0.00	485.00	0.00	0.00	0.00
235.00	0.00	0.00	0.00	490.00	0.00	0.00	0.00
240.00	0.00	0.00	0.00	495.00	0.00	0.00	0.00
245.00	0.00	0.00	0.00	500.00	0.00	0.00	0.00
250.00	0.00	0.00	0.00				
255.00	0.00	0.00	0.00				

Summary for Link 4L: Post - North

Inflow Area = 28.040 ac, 20.04% Impervious, Inflow Depth = 1.89" for 100 YR event
Inflow = 34.01 cfs @ 12.21 hrs, Volume= 4.411 af
Primary = 34.01 cfs @ 12.21 hrs, Volume= 4.411 af, Atten= 0%, Lag= 0.0 min
Routed to Link 2L : Total Post - Development

Primary outflow = Inflow, Time Span= 5.00-500.00 hrs, dt= 0.05 hrs

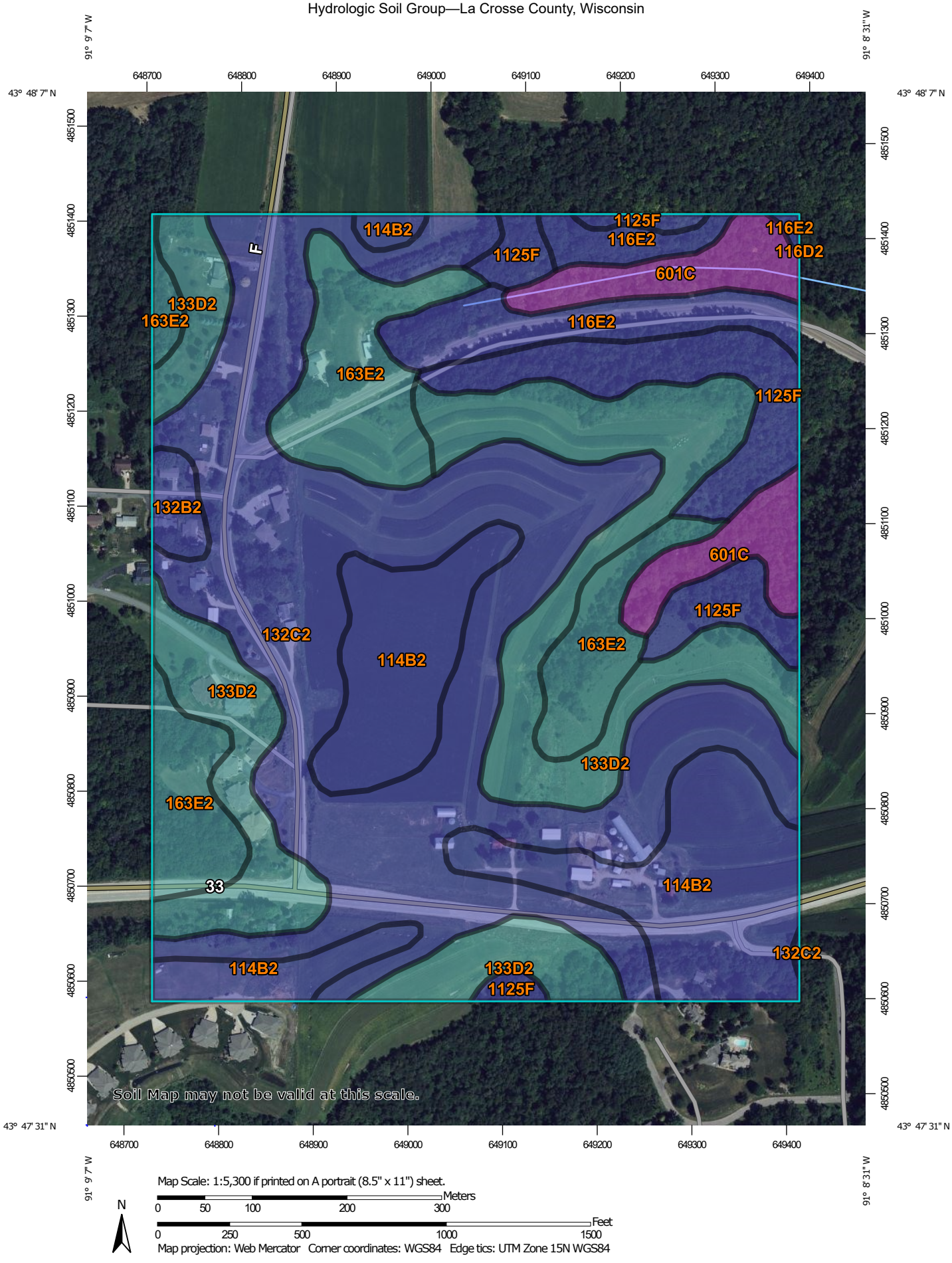
Link 4L: Post - North



Hydrograph for Link 4L: Post - North

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
5.00	0.00	**0.00**	0.00	260.00	0.00	0.00	0.00
10.00	**0.09**	0.00	**0.09**	265.00	0.00	0.00	0.00
15.00	**4.41**	0.00	**4.41**	270.00	0.00	0.00	0.00
20.00	0.64	0.00	0.64	275.00	0.00	0.00	0.00
25.00	0.00	0.00	0.00	280.00	0.00	0.00	0.00
30.00	0.00	0.00	0.00	285.00	0.00	0.00	0.00
35.00	0.00	0.00	0.00	290.00	0.00	0.00	0.00
40.00	0.00	0.00	0.00	295.00	0.00	0.00	0.00
45.00	0.00	0.00	0.00	300.00	0.00	0.00	0.00
50.00	0.00	0.00	0.00	305.00	0.00	0.00	0.00
55.00	0.00	0.00	0.00	310.00	0.00	0.00	0.00
60.00	0.00	0.00	0.00	315.00	0.00	0.00	0.00
65.00	0.00	0.00	0.00	320.00	0.00	0.00	0.00
70.00	0.00	0.00	0.00	325.00	0.00	0.00	0.00
75.00	0.00	0.00	0.00	330.00	0.00	0.00	0.00
80.00	0.00	0.00	0.00	335.00	0.00	0.00	0.00
85.00	0.00	0.00	0.00	340.00	0.00	0.00	0.00
90.00	0.00	0.00	0.00	345.00	0.00	0.00	0.00
95.00	0.00	0.00	0.00	350.00	0.00	0.00	0.00
100.00	0.00	0.00	0.00	355.00	0.00	0.00	0.00
105.00	0.00	0.00	0.00	360.00	0.00	0.00	0.00
110.00	0.00	0.00	0.00	365.00	0.00	0.00	0.00
115.00	0.00	0.00	0.00	370.00	0.00	0.00	0.00
120.00	0.00	0.00	0.00	375.00	0.00	0.00	0.00
125.00	0.00	0.00	0.00	380.00	0.00	0.00	0.00
130.00	0.00	0.00	0.00	385.00	0.00	0.00	0.00
135.00	0.00	0.00	0.00	390.00	0.00	0.00	0.00
140.00	0.00	0.00	0.00	395.00	0.00	0.00	0.00
145.00	0.00	0.00	0.00	400.00	0.00	0.00	0.00
150.00	0.00	0.00	0.00	405.00	0.00	0.00	0.00
155.00	0.00	0.00	0.00	410.00	0.00	0.00	0.00
160.00	0.00	0.00	0.00	415.00	0.00	0.00	0.00
165.00	0.00	0.00	0.00	420.00	0.00	0.00	0.00
170.00	0.00	0.00	0.00	425.00	0.00	0.00	0.00
175.00	0.00	0.00	0.00	430.00	0.00	0.00	0.00
180.00	0.00	0.00	0.00	435.00	0.00	0.00	0.00
185.00	0.00	0.00	0.00	440.00	0.00	0.00	0.00
190.00	0.00	0.00	0.00	445.00	0.00	0.00	0.00
195.00	0.00	0.00	0.00	450.00	0.00	0.00	0.00
200.00	0.00	0.00	0.00	455.00	0.00	0.00	0.00
205.00	0.00	0.00	0.00	460.00	0.00	0.00	0.00
210.00	0.00	0.00	0.00	465.00	0.00	0.00	0.00
215.00	0.00	0.00	0.00	470.00	0.00	0.00	0.00
220.00	0.00	0.00	0.00	475.00	0.00	0.00	0.00
225.00	0.00	0.00	0.00	480.00	0.00	0.00	0.00
230.00	0.00	0.00	0.00	485.00	0.00	0.00	0.00
235.00	0.00	0.00	0.00	490.00	0.00	0.00	0.00
240.00	0.00	0.00	0.00	495.00	0.00	0.00	0.00
245.00	0.00	0.00	0.00	500.00	0.00	0.00	0.00
250.00	0.00	0.00	0.00				
255.00	0.00	0.00	0.00				

Appendix D: Web Soil Survey Map


91° 9' 7" W
91° 8' 31" W
43° 48' 7" N
43° 47' 31" N
648700
648800
648900
649000
649100
649200
649300
649400
4851500
4851400
4851300
4851200
4851100
4851000
4850900
4850800
4850700
4850600
4850500
114B2
1125F
116E2
116D2
601C
133D2
163E2
132B2
132C2
33
F
Soil Map may not be valid at this scale.
Map Scale: 1:5,300 if printed on A portrait (8.5" x 11") sheet.
Meters
0 50 100 200 300
Feet
0 250 500 1000 1500
N
Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 15N WGS84

MAP LEGEND

Area of Interest (AOI)

- Area of Interest (AOI)

Soils

Soil Rating Polygons

- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Soil Rating Lines

- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Soil Rating Points

- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Water Features

- Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background

- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: La Crosse County, Wisconsin
Survey Area Data: Version 24, Sep 10, 2025

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jul 31, 2020—Sep 2, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Hydrologic Soil Group

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
114B2	Mt. Carroll silt loam, 2 to 6 percent slopes, moderately eroded	B	22.5	16.0%
116D2	Churchtown silt loam, 12 to 20 percent slopes, moderately eroded	B	0.0	0.0%
116E2	Churchtown silt loam, 20 to 30 percent slopes, moderately eroded	B	7.2	5.1%
132B2	Brinkman silt loam, 2 to 6 percent slopes, moderately eroded	B	1.4	1.0%
132C2	Brinkman silt loam, 6 to 12 percent slopes, moderately eroded	B	47.1	33.5%
133D2	Valton silt loam, 12 to 20 percent slopes, moderately eroded	C	28.1	20.0%
163E2	Elbaville silt loam, 20 to 30 percent slopes, moderately eroded	C	16.3	11.6%
601C	Beavercreek cobbly fine sandy loam, 3 to 12 percent slopes, occasionally flooded	A	7.0	4.9%
1125F	Dorerton, very stony-Elbaville complex, 30 to 60 percent slopes	B	11.1	7.9%
Totals for Area of Interest			**140.6**	**100.0%**

Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

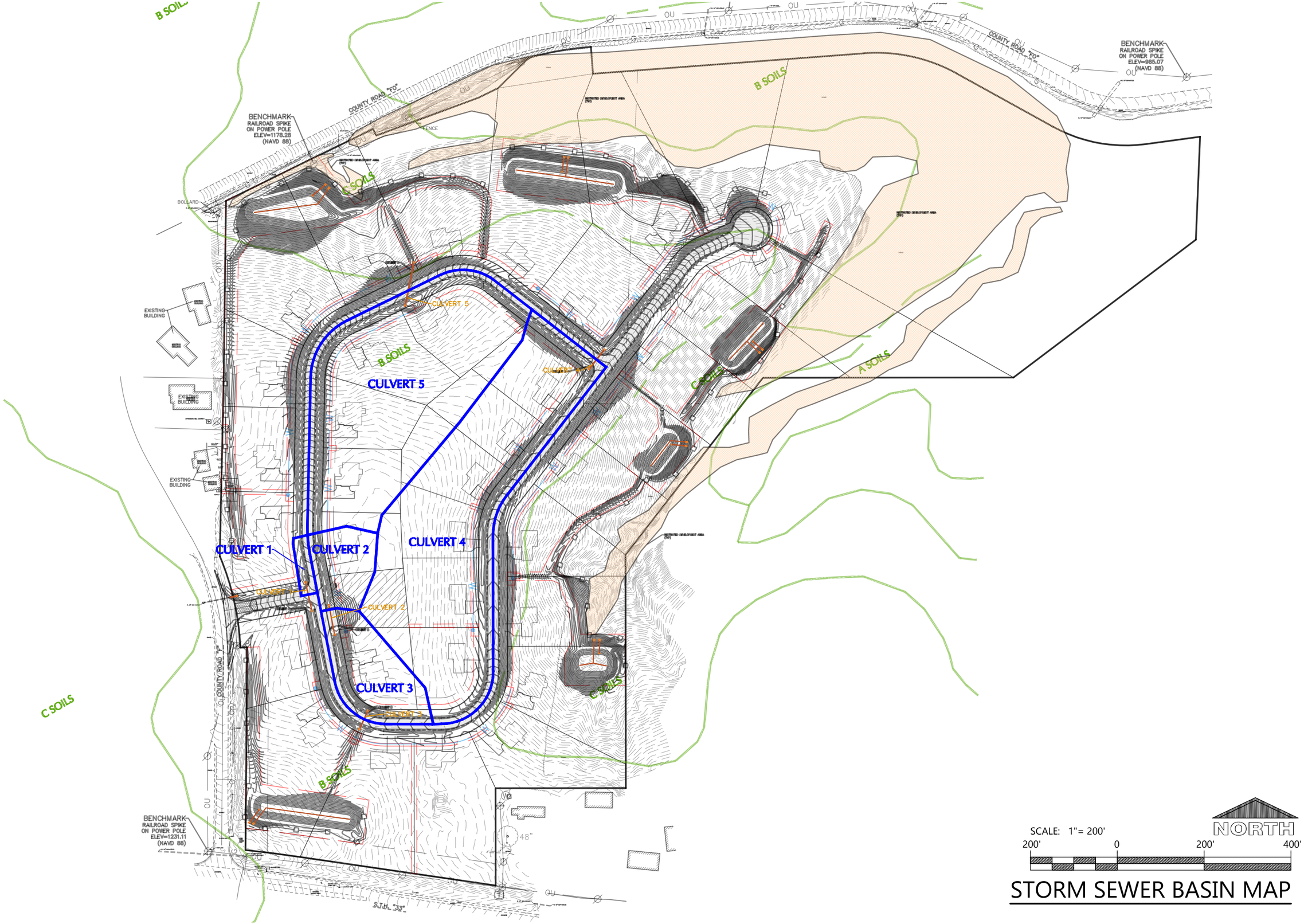
Rating Options

Aggregation Method: Dominant Condition

Component Percent Cutoff: None Specified

Tie-break Rule: Higher

Appendix E: Storm Sewer Basin Map



STORM SEWER BASIN MAP

Appendix F: Storm Sewer Culvert Calculations

Culvert Report

Hydraflow Express Extension for Autodesk® Civil 3D® by Autodesk, Inc. Monday, Feb 23 2026

Culvert 1 - 25 YR Storm

Invert Elev Dn (ft)	=	1261.52
Pipe Length (ft)	=	70.35
Slope (%)	=	0.50
Invert Elev Up (ft)	=	1261.87
Rise (in)	=	12.0
Shape	=	Circular
Span (in)	=	12.0
No. Barrels	=	1
n-Value	=	0.024
Culvert Type	=	Circular Corrugate Metal Pipe
Culvert Entrance	=	Headwall
Coeff. K,M,c,Y,k	=	0.0078, 2, 0.0379, 0.69, 0.5

Embankment

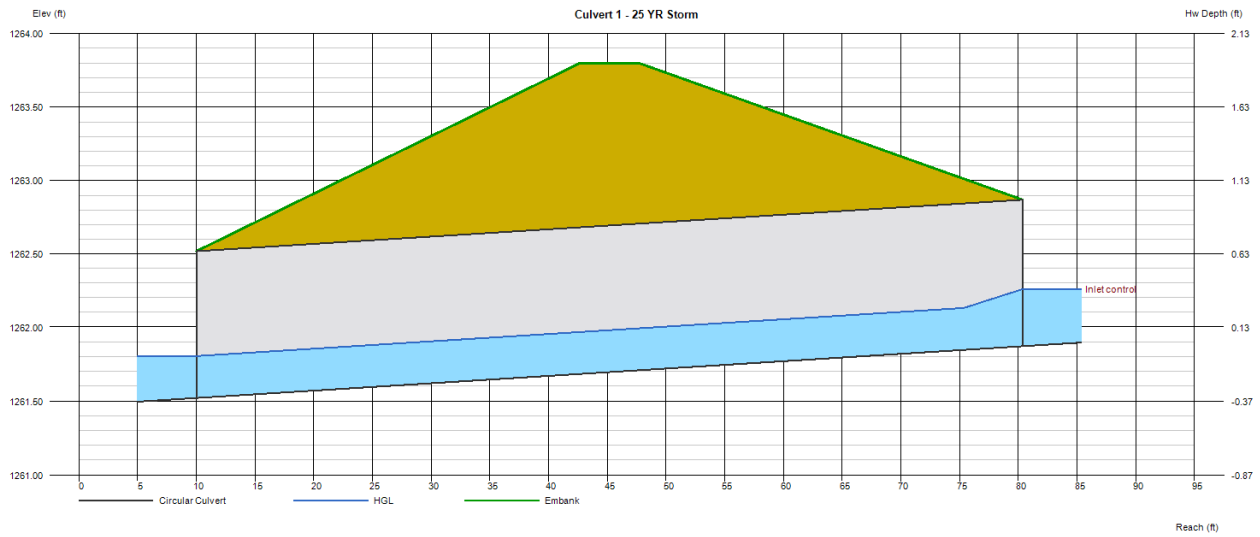
Top Elevation (ft)	=	1263.80
Top Width (ft)	=	5.00
Crest Width (ft)	=	5.00

Calculations

Qmin (cfs)	=	0.47
Qmax (cfs)	=	0.47
Tailwater Elev (ft)	=	0.00

Highlighted

Qtotal (cfs)	=	0.47
Qpipe (cfs)	=	0.47
Qovertop (cfs)	=	0.00
Veloc Dn (ft/s)	=	2.56
Veloc Up (ft/s)	=	2.56
HGL Dn (ft)	=	1261.80
HGL Up (ft)	=	1262.15
Hw Elev (ft)	=	1262.26
Hw/D (ft)	=	0.39
Flow Regime	=	Inlet Control



Culvert Report

Hydraflow Express Extension for Autodesk® Civil 3D® by Autodesk, Inc. Wednesday, Feb 18 2026

Culvert 2 - 25 YR Storm

Invert Elev Dn (ft)	=	1260.75
Pipe Length (ft)	=	72.00
Slope (%)	=	0.50
Invert Elev Up (ft)	=	1261.11
Rise (in)	=	12.0
Shape	=	Circular
Span (in)	=	12.0
No. Barrels	=	1
n-Value	=	0.024
Culvert Type	=	Circular Corrugate Metal Pipe
Culvert Entrance	=	Headwall
Coeff. K,M,c,Y,k	=	0.0078, 2, 0.0379, 0.69, 0.5

Embankment

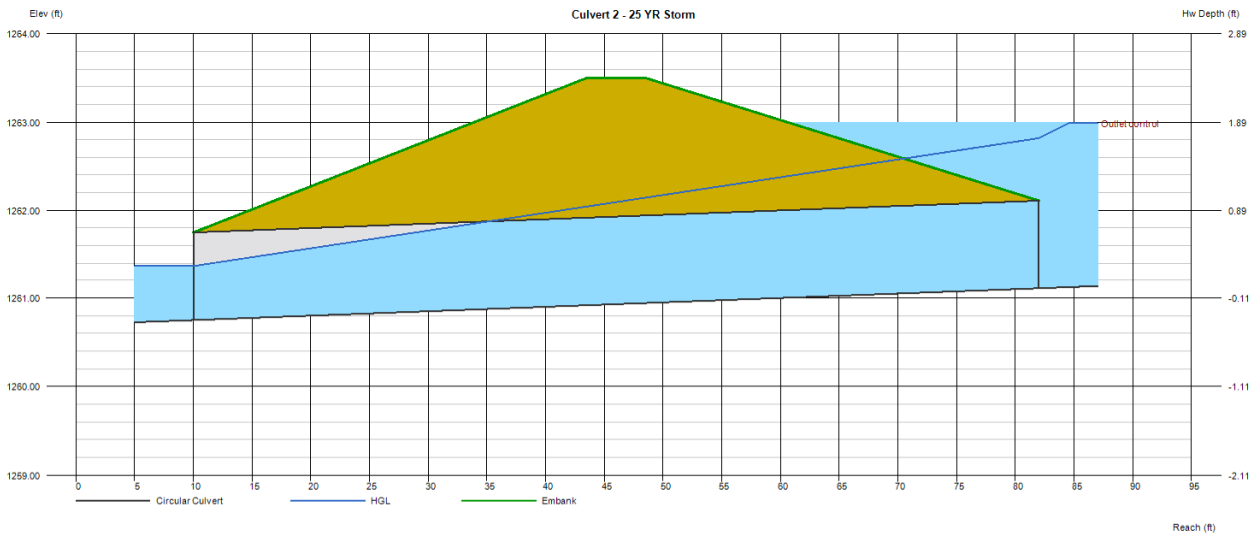
Top Elevation (ft)	=	1263.50
Top Width (ft)	=	5.00
Crest Width (ft)	=	5.00

Calculations

Qmin (cfs)	=	2.11
Qmax (cfs)	=	2.11
Tailwater Elev (ft)	=	0.00

Highlighted

Qtotal (cfs)	=	2.11
Qpipe (cfs)	=	2.11
Qovertop (cfs)	=	0.00
Veloc Dn (ft/s)	=	4.13
Veloc Up (ft/s)	=	2.69
HGL Dn (ft)	=	1261.37
HGL Up (ft)	=	1262.82
Hw Elev (ft)	=	1262.99
Hw/D (ft)	=	1.88
Flow Regime	=	Outlet Control



Culvert Report

Hydraflow Express Extension for Autodesk® Civil 3D® by Autodesk, Inc. Monday, Feb 23 2026

Culvert 3 - 25 YR Storm

Invert Elev Dn (ft)	=	1257.05
Pipe Length (ft)	=	50.00
Slope (%)	=	1.00
Invert Elev Up (ft)	=	1257.55
Rise (in)	=	15.0
Shape	=	Circular
Span (in)	=	15.0
No. Barrels	=	1
n-Value	=	0.024
Culvert Type	=	Circular Corrugate Metal Pipe
Culvert Entrance	=	Headwall
Coeff. K,M,c,Y,k	=	0.0078, 2, 0.0379, 0.69, 0.5

Embankment

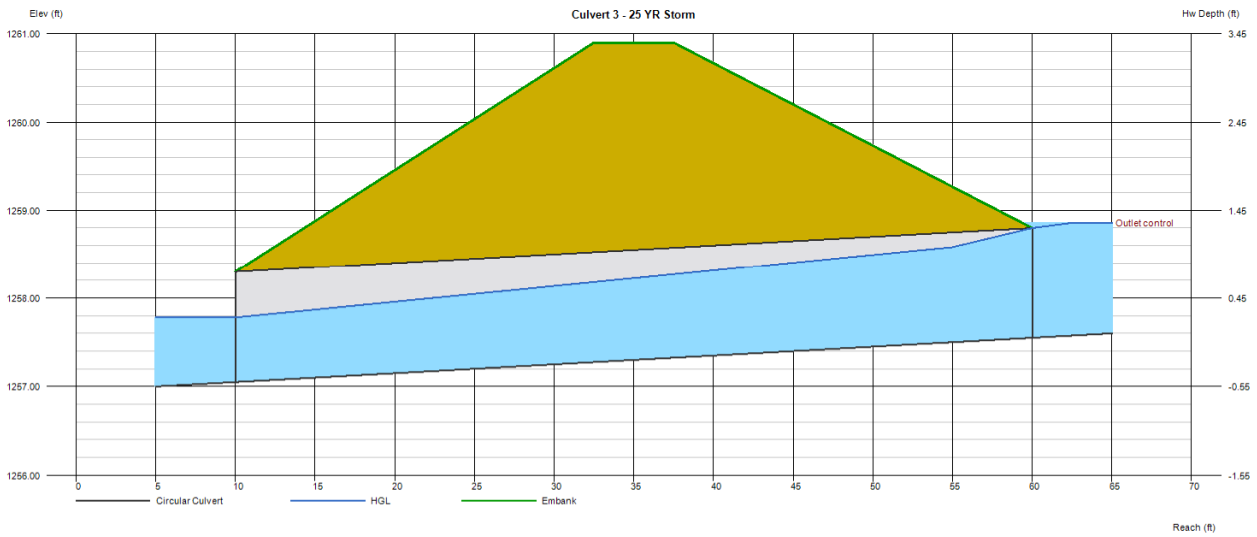
Top Elevation (ft)	=	1260.90
Top Width (ft)	=	5.00
Crest Width (ft)	=	5.00

Calculations

Qmin (cfs)	=	3.29
Qmax (cfs)	=	3.29
Tailwater Elev (ft)	=	0.00

Highlighted

Qtotal (cfs)	=	3.29
Qpipe (cfs)	=	3.29
Qovertop (cfs)	=	0.00
Veloc Dn (ft/s)	=	4.42
Veloc Up (ft/s)	=	2.83
HGL Dn (ft)	=	1257.78
HGL Up (ft)	=	1258.67
Hw Elev (ft)	=	1258.86
Hw/D (ft)	=	1.05
Flow Regime	=	Outlet Control



Culvert Report

Hydraflow Express Extension for Autodesk® Civil 3D® by Autodesk, Inc. Monday, Feb 23 2026

Culvert 4 - 25 YR Storm

Invert Elev Dn (ft)	=	1231.15
Pipe Length (ft)	=	60.00
Slope (%)	=	2.25
Invert Elev Up (ft)	=	1232.50
Rise (in)	=	24.0
Shape	=	Circular
Span (in)	=	24.0
No. Barrels	=	1
n-Value	=	0.024
Culvert Type	=	Circular Corrugate Metal Pipe
Culvert Entrance	=	Headwall
Coeff. K,M,c,Y,k	=	0.0078, 2, 0.0379, 0.69, 0.5

Embankment

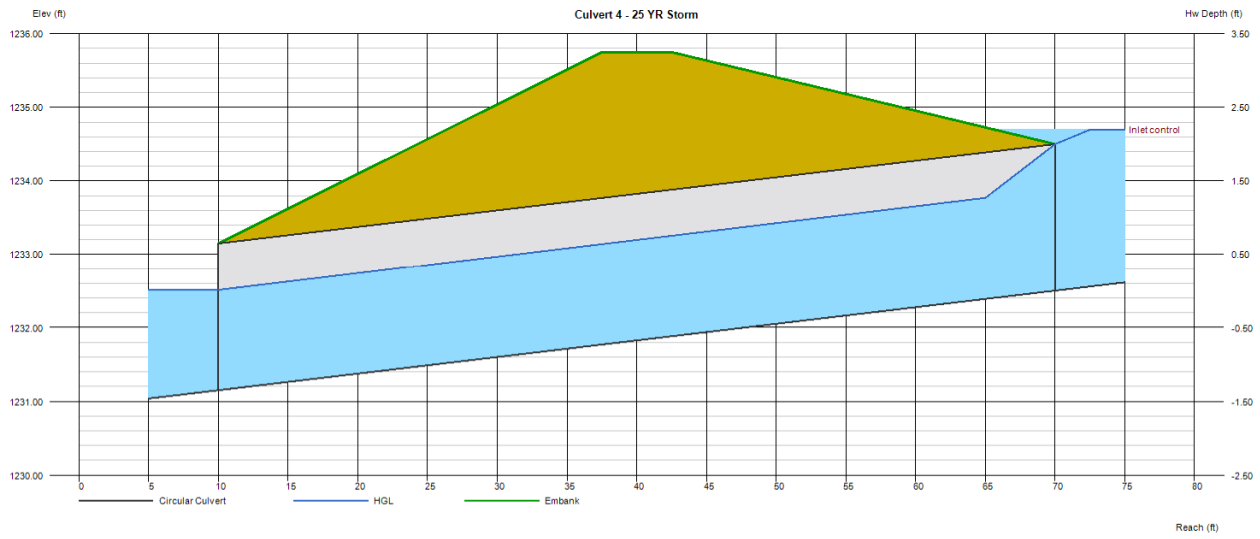
Top Elevation (ft)	=	1235.75
Top Width (ft)	=	5.00
Crest Width (ft)	=	5.00

Calculations

Qmin (cfs)	=	14.78
Qmax (cfs)	=	14.78
Tailwater Elev (ft)	=	0.00

Highlighted

Qtotal (cfs)	=	14.78
Qpipe (cfs)	=	14.78
Qovertop (cfs)	=	0.00
Veloc Dn (ft/s)	=	6.49
Veloc Up (ft/s)	=	6.37
HGL Dn (ft)	=	1232.51
HGL Up (ft)	=	1233.89
Hw Elev (ft)	=	1234.70
Hw/D (ft)	=	1.10
Flow Regime	=	Inlet Control



Culvert Report

Hydraflow Express Extension for Autodesk® Civil 3D® by Autodesk, Inc. Monday, Feb 23 2026

Culvert 5 - 25 YR Storm

Invert Elev Dn (ft)	=	1219.00
Pipe Length (ft)	=	104.50
Slope (%)	=	6.70
Invert Elev Up (ft)	=	1226.00
Rise (in)	=	24.0
Shape	=	Circular
Span (in)	=	24.0
No. Barrels	=	1
n-Value	=	0.024
Culvert Type	=	Circular Corrugate Metal Pipe
Culvert Entrance	=	Headwall
Coeff. K,M,c,Y,k	=	0.0078, 2, 0.0379, 0.69, 0.5

Embankment

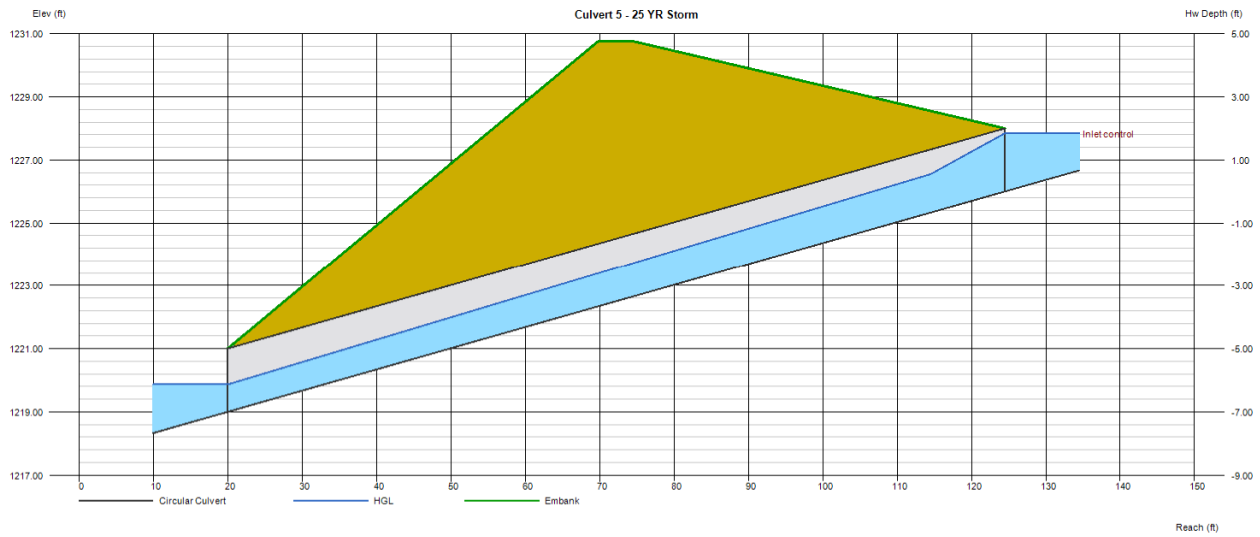
Top Elevation (ft)	=	1230.75
Top Width (ft)	=	5.00
Crest Width (ft)	=	5.00

Calculations

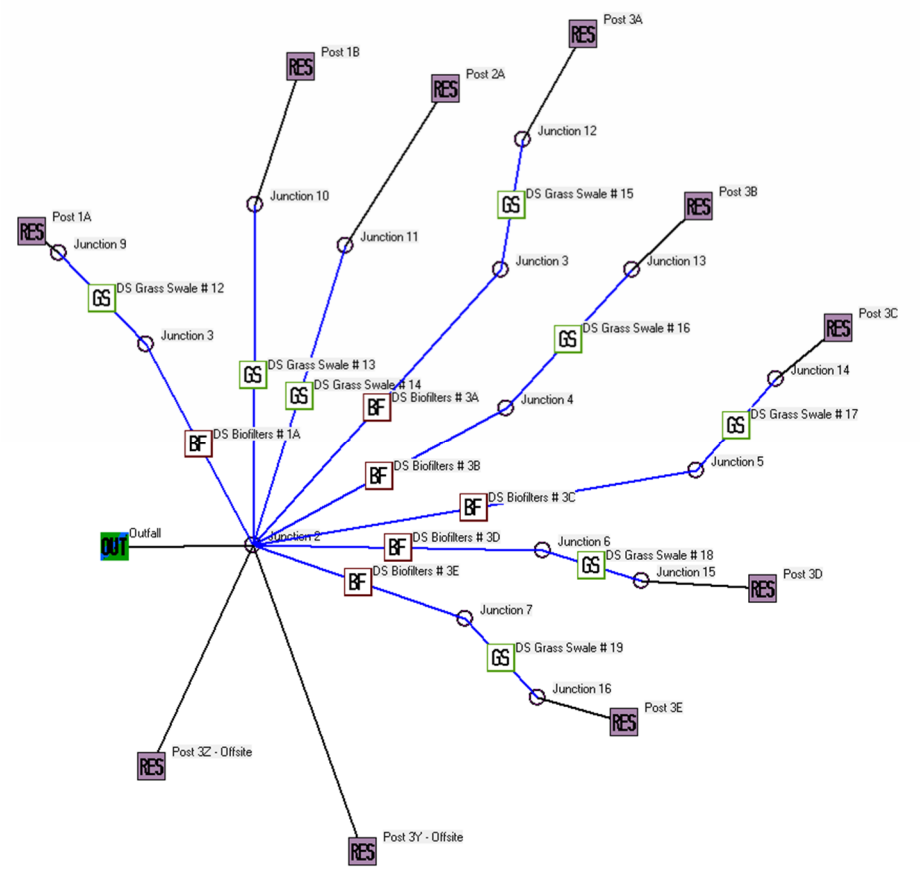
Qmin (cfs)	=	12.22
Qmax (cfs)	=	12.22
Tailwater Elev (ft)	=	0.00

Highlighted

Qtotal (cfs)	=	12.22
Qpipe (cfs)	=	12.22
Qovertop (cfs)	=	0.00
Veloc Dn (ft/s)	=	9.39
Veloc Up (ft/s)	=	5.89
HGL Dn (ft)	=	1219.87
HGL Up (ft)	=	1227.26
Hw Elev (ft)	=	1227.85
Hw/D (ft)	=	0.92
Flow Regime	=	Inlet Control



Appendix G: SLAMM Basin Map & Input/ Output Information



Outfall Output Summary

	Runoff Volume (cu. ft.)	Percent Runoff Reduction	Runoff Coefficient (Rv)	Particulate Solids Conc. (mg/L)	Particulate Solids Yield (lbs)	Percent Particulate Solids Reduction
Total of All Land Uses without Controls	377181		0.09	245.5	5780	
Outfall Total with Controls	304336	19.31 %	0.07	60.50	1150	80.10 %
Current File Output: Annualized Total After Outfall Controls	305172	Years in Model Run:	1.00		1153	

Print Output Summary to .csv File
Print Output Summary to Text File
Print Output Summary to Printer

Total Area Modeled (ac): 34.890

A biofilter will clog. Review biofilter control practice summary tab to determine which biofilter it is.

Total Control Practice Costs

Capital Cost	N/A
Land Cost	N/A
Annual Maintenance Cost	N/A
Present Value of All Costs	N/A
Annualized Value of All Costs	N/A

Perform Outfall Flow Duration Curve Calculations

Receiving Water Impacts Due To Stormwater Runoff

(CWP Impervious Cover Model)

	Calculated Rv	Approximate Urban Stream Classification
Without Controls	0.09	Good
With Controls	0.07	Good

Input Data

Data file name: \\job-files\2025 Job Files\250128900 Weber - Subdivision Planning - Town of Shelby WI\250128904 Civil\storm water report and calculations\slamm\Current - slamm.mdb
WinSLAMM Version 10.5.0
Rain file name: J:\Programs\civil\WinSLAMM\v10.5.0\Parameter Files\WisReg - Madison WI 1981.ran
Particulate Solids Concentration file name: J:\Programs\civil\WinSLAMM\v10.5.0\Parameter Files\v10.1 WI_AVG01.pscx
Runoff Coefficient file name: J:\Programs\civil\WinSLAMM\v10.5.0\Parameter Files\WI_SL06 Dec06.rsvx
Residential Street Delivery file name: J:\Programs\civil\WinSLAMM\v10.5.0\Parameter Files\WI_Res and Other Urban Dec06.std
Institutional Street Delivery file name: J:\Programs\civil\WinSLAMM\v10.5.0\Parameter Files\WI_Com Inst Indust Dec06.std
Commercial Street Delivery file name: J:\Programs\civil\WinSLAMM\v10.5.0\Parameter Files\WI_Com Inst Indust Dec06.std
Industrial Street Delivery file name: J:\Programs\civil\WinSLAMM\v10.5.0\Parameter Files\WI_Com Inst Indust Dec06.std
Other Urban Street Delivery file name: J:\Programs\civil\WinSLAMM\v10.5.0\Parameter Files\WI_Res and Other Urban Dec06.std
Freeway Street Delivery file name: J:\Programs\civil\WinSLAMM\v10.5.0\Parameter Files\Freeway Dec06.std
Apply Street Delivery Files to Adjust the After Event Load Street Dirt Mass Balance: False
Pollutant Relative Concentration file name: J:\Programs\civil\WinSLAMM\v10.5.0\Parameter Files\WI_GEO03.ppdx
Source Area PSD and Peak to Average Flow Ratio File: C:\WinSLAMM Files\NURP Source Area PSD Files.csv
Cost Data file name:
Seed for random number generator: -42
Study period starting date: 01/01/81 Study period ending date: 12/31/81
Start of Winter Season: 12/02 End of Winter Season: 03/12
Date: 02-23-2026 Time: 12:35:52
Site information:

LU# 1 - Residential: Post 1A Total area (ac): 6.030
1 - Roofs 1: 0.480 ac. Pitched Disconnected Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
25 - Driveways 1: 0.250 ac. Disconnected Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
31 - Sidewalks 1: 0.090 ac. Disconnected Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
37 - Streets 1: 0.340 ac. Smooth Street Length = 0.1169 mi Street Width = 23.99487 ft Street Edges = 2
Default St. Dirt Accum. Annual Winter Load = 2500 lbs Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
45 - Large Landscaped Areas 1: 4.870 ac. Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
LU# 2 - Residential: Post 1B Total area (ac): 0.440
37 - Streets 1: 0.050 ac. Smooth Street Length = 0.0172 mi Street Width = 23.98256 ft Street Edges = 2
Default St. Dirt Accum. Annual Winter Load = 2500 lbs Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
45 - Large Landscaped Areas 1: 0.390 ac. Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
LU# 3 - Residential: Post 2A Total area (ac): 0.520
37 - Streets 1: 0.050 ac. Smooth Street Length = 0.0172 mi Street Width = 23.98256 ft Street Edges = 2
Default St. Dirt Accum. Annual Winter Load = 2500 lbs Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
45 - Large Landscaped Areas 1: 0.470 ac. Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
LU# 4 - Residential: Post 3A Total area (ac): 10.600
1 - Roofs 1: 0.800 ac. Pitched Disconnected Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
25 - Driveways 1: 0.460 ac. Disconnected Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
31 - Sidewalks 1: 0.150 ac. Disconnected Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
37 - Streets 1: 0.560 ac. Smooth Street Length = 0.1925 mi Street Width = 24 ft Street Edges = 2
Default St. Dirt Accum. Annual Winter Load = 2500 lbs Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
45 - Large Landscaped Areas 1: 8.630 ac. Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
LU# 5 - Residential: Post 3B Total area (ac): 8.450
1 - Roofs 1: 0.720 ac. Pitched Disconnected Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
25 - Driveways 1: 0.340 ac. Disconnected Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
31 - Sidewalks 1: 0.130 ac. Disconnected Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
37 - Streets 1: 0.490 ac. Smooth Street Length = 0.1891 mi Street Width = 21.37758 ft Street Edges = 2
Default St. Dirt Accum. Annual Winter Load = 2500 lbs Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
45 - Large Landscaped Areas 1: 6.770 ac. Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
LU# 6 - Residential: Post 3C Total area (ac): 2.380
1 - Roofs 1: 0.280 ac. Pitched Disconnected Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
25 - Driveways 1: 0.120 ac. Disconnected Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz

31 - Sidewalks 1: 0.060 ac. Disconnected Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
37 - Streets 1: 0.110 ac. Smooth Street Length = 0.1616 mi Street Width = 5.615718 ft Street Edges = 2
Default St. Dirt Accum. Annual Winter Load = 2500 lbs Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
45 - Large Landscaped Areas 1: 1.810 ac. Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
LU# 7 - Residential: Post 3D Total area (ac): 2.370
1 - Roofs 1: 0.240 ac. Pitched Disconnected Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
25 - Driveways 1: 0.120 ac. Disconnected Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
31 - Sidewalks 1: 0.040 ac. Disconnected Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
37 - Streets 1: 0.160 ac. Smooth Street Length = 0.0619 mi Street Width = 21.32472 ft Street Edges = 2
Default St. Dirt Accum. Annual Winter Load = 2500 lbs Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
45 - Large Landscaped Areas 1: 1.810 ac. Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
LU# 8 - Residential: Post 3E Total area (ac): 2.770
1 - Roofs 1: 0.240 ac. Pitched Disconnected Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
25 - Driveways 1: 0.120 ac. Disconnected Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
31 - Sidewalks 1: 0.040 ac. Disconnected Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
37 - Streets 1: 0.120 ac. Smooth Street Length = 0.055 mi Street Width = 18 ft Street Edges = 2
Default St. Dirt Accum. Annual Winter Load = 2500 lbs Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
45 - Large Landscaped Areas 1: 2.250 ac. Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
LU# 9 - Residential: Post 3Y - Offsite Total area (ac): 0.810
1 - Roofs 1: 0.120 ac. Pitched Disconnected Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
25 - Driveways 1: 0.080 ac. Disconnected Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
31 - Sidewalks 1: 0.010 ac. Disconnected Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
37 - Streets 1: 0.080 ac. Smooth Street Length = 0.0413 mi Street Width = 15.98063 ft Street Edges = 2
Default St. Dirt Accum. Annual Winter Load = 2500 lbs Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
45 - Large Landscaped Areas 1: 0.520 ac. Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz
LU# 10 - Residential: Post 3Z - Offsite Total area (ac): 0.520
45 - Large Landscaped Areas 1: 0.520 ac. Normal Silty Source Area PSD File: C:\WinSLAMM Files\NURP.cpz

Control Practice 1: Biofilter CP# 1 (DS) - DS Biofilters # 1A
1. Top area (square feet) = 11677
2. Bottom aea (square feet) = 4186
3. Depth (ft): 7
4. Biofilter width (ft) - for Cost Purposes Only: 10
5. Infiltration rate (in/hr) = 0.02
6. Random infiltration rate generation? No
7. Infiltration rate fraction (side): 0.01
8. Infiltration rate fraction (bottom): 1
9. Depth of biofilter that is rock filled (ft) 0
10. Porosity of rock filled volume = 0
11. Engineered soil infiltration rate: 3.6
12. Engineered soil depth (ft) = 2
13. Engineered soil porosity = 0.27
14. Percent solids reduction due to flow through engineered soil = 80
15. Biofilter peak to average flow ratio = 3.8
16. Number of biofiltration control devices = 1
17. Particle size distribution file: Not needed - calculated by program
18. Initial water surface elevation (ft): 0

Soil Data Soil Type Fraction in Eng. Soil
User-Defined Media Type 1.000
Biofilter Outlet/Discharge Characteristics:
Outlet type: Sharp Crested Weir
1. Weir length (ft): 0.17
2. Invert elevation above datum (ft): 3
Outlet type: Broad Crested Weir
1. Weir crest length (ft): 20
2. Weir crest width (ft): 10
3. Height of datum to bottom of weir opening: 6
Outlet type: Vertical Stand Pipe

1. Stand pipe diameter (ft): 1
2. Stand pipe height above datum (ft): 5.9

Outlet type: Drain Tile/Underdrain

1. Underdrain outlet diameter (ft): 0.5
2. Invert elevation above datum (ft): 0.25
3. Number of underdrain outlets: 1

Control Practice 2: Biofilter CP# 2 (DS) - DS Biofilters # 3A

1. Top area (square feet) = 15329
2. Bottom aea (square feet) = 6290
3. Depth (ft): 8
4. Biofilter width (ft) - for Cost Purposes Only: 10
5. Infiltration rate (in/hr) = 0.02
6. Random infiltration rate generation? No
7. Infiltration rate fraction (side): 0.01
8. Infiltration rate fraction (bottom): 1
9. Depth of biofilter that is rock filled (ft) 0
10. Porosity of rock filled volume = 0
11. Engineered soil infiltration rate: 3.6
12. Engineered soil depth (ft) = 2
13. Engineered soil porosity = 0.27
14. Percent solids reduction due to flow through engineered soil = 80
15. Biofilter peak to average flow ratio = 3.8
16. Number of biofiltration control devices = 1
17. Particle size distribution file: Not needed - calculated by program
18. Initial water surface elevation (ft): 0

Soil Data Soil Type Fraction in Eng. Soil

User-Defined Media Type 1.000

Biofilter Outlet/Discharge Characteristics:

Outlet type: Sharp Crested Weir

1. Weir length (ft): 0.17
2. Invert elevation above datum (ft): 3

Outlet type: Broad Crested Weir

1. Weir crest length (ft): 20
2. Weir crest width (ft): 10
3. Height of datum to bottom of weir opening: 7

Outlet type: Vertical Stand Pipe

1. Stand pipe diameter (ft): 1
2. Stand pipe height above datum (ft): 6.9

Outlet type: Drain Tile/Underdrain

1. Underdrain outlet diameter (ft): 0.5
2. Invert elevation above datum (ft): 0.25
3. Number of underdrain outlets: 1

Control Practice 3: Biofilter CP# 3 (DS) - DS Biofilters # 3B

1. Top area (square feet) = 12112
2. Bottom aea (square feet) = 3974
3. Depth (ft): 7
4. Biofilter width (ft) - for Cost Purposes Only: 10
5. Infiltration rate (in/hr) = 0.02
6. Random infiltration rate generation? No
7. Infiltration rate fraction (side): 0.01
8. Infiltration rate fraction (bottom): 1
9. Depth of biofilter that is rock filled (ft) 0
10. Porosity of rock filled volume = 0
11. Engineered soil infiltration rate: 3.6
12. Engineered soil depth (ft) = 2
13. Engineered soil porosity = 0.27

14. Percent solids reduction due to flow through engineered soil = 80
15. Biofilter peak to average flow ratio = 3.8
16. Number of biofiltration control devices = 1
17. Particle size distribution file: Not needed - calculated by program
18. Initial water surface elevation (ft): 0

Soil Data Soil Type Fraction in Eng. Soil
User-Defined Media Type 1.000
Biofilter Outlet/Discharge Characteristics:
Outlet type: Sharp Crested Weir
1. Weir length (ft): 0.17
2. Invert elevation above datum (ft): 3

Outlet type: Broad Crested Weir
1. Weir crest length (ft): 20
2. Weir crest width (ft): 10
3. Height of datum to bottom of weir opening: 6

Outlet type: Vertical Stand Pipe
1. Stand pipe diameter (ft): 1
2. Stand pipe height above datum (ft): 5.9

Outlet type: Drain Tile/Underdrain
1. Underdrain outlet diameter (ft): 0.5
2. Invert elevation above datum (ft): 0.25
3. Number of underdrain outlets: 1

Control Practice 4: Biofilter CP# 4 (DS) - DS Biofilters # 3C
1. Top area (square feet) = 5518
2. Bottom aea (square feet) = 1905
3. Depth (ft): 6
4. Biofilter width (ft) - for Cost Purposes Only: 10
5. Infiltration rate (in/hr) = 0.1
6. Random infiltration rate generation? No
7. Infiltration rate fraction (side): 0.01
8. Infiltration rate fraction (bottom): 1
9. Depth of biofilter that is rock filled (ft) 0
10. Porosity of rock filled volume = 0
11. Engineered soil infiltration rate: 3.6
12. Engineered soil depth (ft) = 2
13. Engineered soil porosity = 0.27
14. Percent solids reduction due to flow through engineered soil = 80
15. Biofilter peak to average flow ratio = 3.8
16. Number of biofiltration control devices = 1
17. Particle size distribution file: Not needed - calculated by program
18. Initial water surface elevation (ft): 0

Soil Data Soil Type Fraction in Eng. Soil
User-Defined Media Type 1.000
Biofilter Outlet/Discharge Characteristics:
Outlet type: Sharp Crested Weir
1. Weir length (ft): 0.17
2. Invert elevation above datum (ft): 3

Outlet type: Broad Crested Weir
1. Weir crest length (ft): 20
2. Weir crest width (ft): 10
3. Height of datum to bottom of weir opening: 5

Outlet type: Vertical Stand Pipe
1. Stand pipe diameter (ft): 1
2. Stand pipe height above datum (ft): 4.9

Outlet type: Drain Tile/Underdrain
1. Underdrain outlet diameter (ft): 0.5
2. Invert elevation above datum (ft): 0.25

3. Number of underdrain outlets: 1

Control Practice 5: Biofilter CP# 5 (DS) - DS Biofilters # 3D
1. Top area (square feet) = 3907
2. Bottom aea (square feet) = 741
3. Depth (ft): 7
4. Biofilter width (ft) - for Cost Purposes Only: 10
5. Infiltration rate (in/hr) = 0.02
6. Random infiltration rate generation? No
7. Infiltration rate fraction (side): 0.01
8. Infiltration rate fraction (bottom): 1
9. Depth of biofilter that is rock filled (ft) 0
10. Porosity of rock filled volume = 0
11. Engineered soil infiltration rate: 3.6
12. Engineered soil depth (ft) = 2
13. Engineered soil porosity = 0.27
14. Percent solids reduction due to flow through engineered soil = 80
15. Biofilter peak to average flow ratio = 3.8
16. Number of biofiltration control devices = 1
17. Particle size distribution file: Not needed - calculated by program
18. Initial water surface elevation (ft): 0

Soil Data Soil Type Fraction in Eng. Soil
User-Defined Media Type 1.000

Biofilter Outlet/Discharge Characteristics:
Outlet type: Sharp Crested Weir
1. Weir length (ft): 0.17
2. Invert elevation above datum (ft): 3

Outlet type: Broad Crested Weir
1. Weir crest length (ft): 20
2. Weir crest width (ft): 10
3. Height of datum to bottom of weir opening: 6

Outlet type: Vertical Stand Pipe
1. Stand pipe diameter (ft): 1
2. Stand pipe height above datum (ft): 5.9

Outlet type: Drain Tile/Underdrain
1. Underdrain outlet diameter (ft): 0.5
2. Invert elevation above datum (ft): 0.25
3. Number of underdrain outlets: 1

Control Practice 6: Biofilter CP# 6 (DS) - DS Biofilters # 3E
1. Top area (square feet) = 5272
2. Bottom aea (square feet) = 2517
3. Depth (ft): 6
4. Biofilter width (ft) - for Cost Purposes Only: 10
5. Infiltration rate (in/hr) = 0.02
6. Random infiltration rate generation? No
7. Infiltration rate fraction (side): 0.01
8. Infiltration rate fraction (bottom): 1
9. Depth of biofilter that is rock filled (ft) 0
10. Porosity of rock filled volume = 0
11. Engineered soil infiltration rate: 3.6
12. Engineered soil depth (ft) = 2
13. Engineered soil porosity = 0.27
14. Percent solids reduction due to flow through engineered soil = 80
15. Biofilter peak to average flow ratio = 3.8
16. Number of biofiltration control devices = 1
17. Particle size distribution file: Not needed - calculated by program
18. Initial water surface elevation (ft): 0

Soil Data Soil Type Fraction in Eng. Soil
User-Defined Media Type 1.000
Biofilter Outlet/Discharge Characteristics:
Outlet type: Sharp Crested Weir
1. Weir length (ft): 0.17
2. Invert elevation above datum (ft): 3
Outlet type: Broad Crested Weir
1. Weir crest length (ft): 20
2. Weir crest width (ft): 10
3. Height of datum to bottom of weir opening: 5
Outlet type: Vertical Stand Pipe
1. Stand pipe diameter (ft): 1
2. Stand pipe height above datum (ft): 4.9
Outlet type: Drain Tile/Underdrain
1. Underdrain outlet diameter (ft): 0.5
2. Invert elevation above datum (ft): 0.25
3. Number of underdrain outlets: 1

Control Practice 7: Grass Swale CP# 1 (DS) - DS Grass Swale # 12
Total drainage area (acres)= 6.030
Fraction of drainage area served by swales (ac) = 0.63
Swale density (ft/ac) = 262.35
Total swale length (ft) = 1582
Average swale length to outlet (ft)= 248
Typical bottom width (ft) = 2.0
Typical swale side slope (_H:1V) = 3.0
Typical longitudinal slope (ft.H/ft.V) = 0.020
Swale retardance factor: C
Typical grass height (in) = 2.0
Swale dynamic infiltration rate (in/hr)= 0.010
Typical swale depth (ft) for cost analysis (optional) = 0.0
Particle size distribution file name: Not needed - calculated by program
Use total swale length instead of swale density for infiltration calculations: True

Control Practice 8: Grass Swale CP# 2 (DS) - DS Grass Swale # 13
Total drainage area (acres)= 0.440
Fraction of drainage area served by swales (ac) = 1.00
Swale density (ft/ac) = 615.91
Total swale length (ft) = 271
Average swale length to outlet (ft)= 240
Typical bottom width (ft) = 2.0
Typical swale side slope (_H:1V) = 3.0
Typical longitudinal slope (ft.H/ft.V) = 0.035
Swale retardance factor: C
Typical grass height (in) = 2.0
Swale dynamic infiltration rate (in/hr)= 0.010
Typical swale depth (ft) for cost analysis (optional) = 0.0
Particle size distribution file name: Not needed - calculated by program
Use total swale length instead of swale density for infiltration calculations: True

Control Practice 9: Grass Swale CP# 3 (DS) - DS Grass Swale # 14
Total drainage area (acres)= 0.520
Fraction of drainage area served by swales (ac) = 1.00
Swale density (ft/ac) = 461.54
Total swale length (ft) = 240
Average swale length to outlet (ft)= 200
Typical bottom width (ft) = 2.0
Typical swale side slope (_H:1V) = 3.0

Typical longitudinal slope (ft.H/ft.V) = 0.035
Swale retardance factor: C
Typical grass height (in) = 2.0
Swale dynamic infiltration rate (in/hr)= 0.010
Typical swale depth (ft) for cost analysis (optional) = 0.0
Particle size distribution file name: Not needed - calculated by program
Use total swale length instead of swale density for infiltration calculations: True

Control Practice 10: Grass Swale CP# 4 (DS) - DS Grass Swale # 15
Total drainage area (acres)= 10.600
Fraction of drainage area served by swales (ac) = 0.88
Swale density (ft/ac) = 486.67
Total swale length (ft) = 3250
Average swale length to outlet (ft)= 294
Typical bottom width (ft) = 2.0
Typical swale side slope (_H:1V) = 3.0
Typical longitudinal slope (ft.H/ft.V) = 0.035
Swale retardance factor: C
Typical grass height (in) = 2.0
Swale dynamic infiltration rate (in/hr)= 0.010
Typical swale depth (ft) for cost analysis (optional) = 0.0
Particle size distribution file name: Not needed - calculated by program
Use total swale length instead of swale density for infiltration calculations: True

Control Practice 11: Grass Swale CP# 5 (DS) - DS Grass Swale # 16
Total drainage area (acres)= 8.450
Fraction of drainage area served by swales (ac) = 0.79
Swale density (ft/ac) = 278.63
Total swale length (ft) = 1860
Average swale length to outlet (ft)= 278
Typical bottom width (ft) = 2.0
Typical swale side slope (_H:1V) = 3.0
Typical longitudinal slope (ft.H/ft.V) = 0.030
Swale retardance factor: C
Typical grass height (in) = 2.0
Swale dynamic infiltration rate (in/hr)= 0.010
Typical swale depth (ft) for cost analysis (optional) = 0.0
Particle size distribution file name: Not needed - calculated by program
Use total swale length instead of swale density for infiltration calculations: True

Control Practice 12: Grass Swale CP# 6 (DS) - DS Grass Swale # 17
Total drainage area (acres)= 2.380
Fraction of drainage area served by swales (ac) = 0.72
Swale density (ft/ac) = 466.85
Total swale length (ft) = 800
Average swale length to outlet (ft)= 266
Typical bottom width (ft) = 2.0
Typical swale side slope (_H:1V) = 3.0
Typical longitudinal slope (ft.H/ft.V) = 0.035
Swale retardance factor: C
Typical grass height (in) = 2.0
Swale dynamic infiltration rate (in/hr)= 0.010
Typical swale depth (ft) for cost analysis (optional) = 0.0
Particle size distribution file name: Not needed - calculated by program
Use total swale length instead of swale density for infiltration calculations: True

Control Practice 13: Grass Swale CP# 7 (DS) - DS Grass Swale # 18
Total drainage area (acres)= 2.370

Fraction of drainage area served by swales (ac) = 0.80
Swale density (ft/ac) = 263.71
Total swale length (ft) = 500
Average swale length to outlet (ft)= 280
Typical bottom width (ft) = 2.0
Typical swale side slope (_H:1V) = 3.0
Typical longitudinal slope (ft.H/ft.V) = 0.035
Swale retardance factor: C
Typical grass height (in) = 2.0
Swale dynamic infiltration rate (in/hr)= 0.010
Typical swale depth (ft) for cost analysis (optional) = 0.0
Particle size distribution file name: Not needed - calculated by program
Use total swale length instead of swale density for infiltration calculations: True

Control Practice 14: Grass Swale CP# 8 (DS) - DS Grass Swale # 19
Total drainage area (acres)= 2.770
Fraction of drainage area served by swales (ac) = 0.69
Swale density (ft/ac) = 355.21
Total swale length (ft) = 500
Average swale length to outlet (ft)= 260
Typical bottom width (ft) = 2.0
Typical swale side slope (_H:1V) = 3.0
Typical longitudinal slope (ft.H/ft.V) = 0.035
Swale retardance factor: C
Typical grass height (in) = 2.0
Swale dynamic infiltration rate (in/hr)= 0.010
Typical swale depth (ft) for cost analysis (optional) = 0.0
Particle size distribution file name: Not needed - calculated by program
Use total swale length instead of swale density for infiltration calculations: True

Output Data

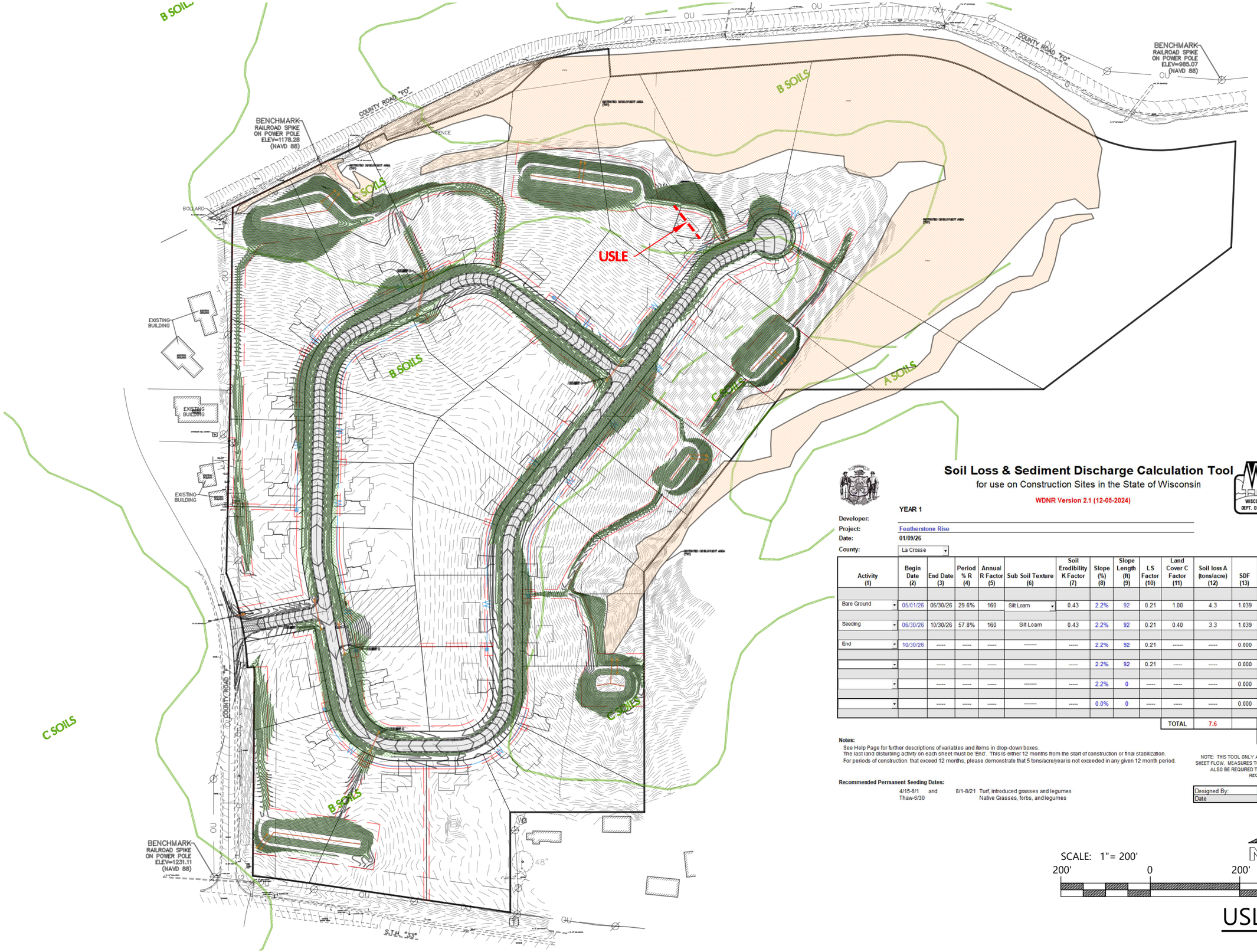
SLAMM for Windows Version 10.5.0
(c) Copyright Robert Pitt and John Voorhees 2019, All Rights Reserved

Data file name: \\job-files\2025 Job Files\250128900 Weber - Subdivision Planning - Town of Shelby WI\250128904 Civil\storm water report and calculations\slamm\Current - slamm.mdb
Data file description:
Rain file name: J:\Programs\civil\WinSLAMM\v10.5.0\Parameter Files\WisReg - Madison WI 1981.ran
Particulate Solids Concentration file name: J:\Programs\civil\WinSLAMM\v10.5.0\Parameter Files\v10.1 WI_AVG01.pscx
Runoff Coefficient file name: J:\Programs\civil\WinSLAMM\v10.5.0\Parameter Files\WI_SL06 Dec06.rsvx
Pollutant Relative Concentration file name: J:\Programs\civil\WinSLAMM\v10.5.0\Parameter Files\WI_GEO03.ppdx
Residential Street Delivery file name: J:\Programs\civil\WinSLAMM\v10.5.0\Parameter Files\WI_Res and Other Urban Dec06.std
Institutional Street Delivery file name: J:\Programs\civil\WinSLAMM\v10.5.0\Parameter Files\WI_Com Inst Indust Dec06.std
Commercial Street Delivery file name: J:\Programs\civil\WinSLAMM\v10.5.0\Parameter Files\WI_Com Inst Indust Dec06.std
Industrial Street Delivery file name: J:\Programs\civil\WinSLAMM\v10.5.0\Parameter Files\WI_Com Inst Indust Dec06.std
Other Urban Street Delivery file name: J:\Programs\civil\WinSLAMM\v10.5.0\Parameter Files\WI_Res and Other Urban Dec06.std
Freeway Street Delivery file name: J:\Programs\civil\WinSLAMM\v10.5.0\Parameter Files\Freeway Dec06.std
Apply Street Delivery Files to Adjust the After Event Load Street Dirt Mass Balance: False
Source Area PSD and Peak to Average Flow Ratio File: C:\WinSLAMM Files\NURP Source Area PSD Files.csv
Cost Data file name:
Seed for random number generator: -42
Start of Winter Season: 12/02 End of Winter Season: 03/12
Model Run Start Date: 01/01/81 Model Run End Date: 12/31/81
Date of run: 02-23-2026 Time of run: 12:34:42
Total Area Modeled (acres): 34.890
Years in Model Run: 1.00

	Runoff Volume (cu ft)	Percent Runoff Volume Reduction	Particulate Solids Conc. (mg/L)	Particulate Solids Yield (lbs)	Percent Particulate Solids Reduction
Total of all Land Uses without Controls:	377181	-	245.5	5780	-
Outfall Total with Controls:	304336	19.31%	60.50	1150	80.10%
Annualized Total After Outfall Controls:	305172			1153	

Biofilter # 1 is expected to clog in 11.01 years.. Percent Solids Reduction due to Engineered Media = 80
Biofilter # 2 is expected to clog in 10.13 years.. Percent Solids Reduction due to Engineered Media = 80
Biofilter # 3 is expected to clog in 7.29 years.. Percent Solids Reduction due to Engineered Media = 80
Biofilter # 4 is expected to clog in 6.06 years.. Percent Solids Reduction due to Engineered Media = 80
Biofilter # 5 is expected to clog in 4.89 years.. Percent Solids Reduction due to Engineered Media = 80
Biofilter # 6 is expected to clog in 14.34 years.. Percent Solids Reduction due to Engineered Media = 80

Appendix H: USLE Map and Calculations



Soil Loss & Sediment Discharge Calculation Tool

for use on Construction Sites in the State of Wisconsin

WDNR Version 2.1 (12-05-2024)

WISCONSIN DEPT. OF NATURAL RESOURCES

YEAR 1

Developer:

Project: Featherstone Rise

Date: 01/09/26

County: La Crosse

Version 2.1

Activity (1)	Begin Date (2)	End Date (3)	Period % R (4)	Annual R Factor (5)	Sub Soil Texture (6)	Soil Erodibility K Factor (7)	Slope (%) (8)	Slope Length (ft) (9)	LS Factor (10)	Land Cover C Factor (11)	Soil loss A (tons/acre) (12)	SDF (13)	Sediment Control Practice (14)	Sediment Discharge (t/ac) (15)
Bare Ground	05/01/26	06/30/26	29.6%	160	Silt Loam	0.43	2.2%	92	0.21	1.00	4.3	1.039	Silt Fence	2.7
Seeding	06/30/26	10/30/26	57.8%	160	Silt Loam	0.43	2.2%	92	0.21	0.40	3.3	1.039	Silt Fence	2.1
End	10/30/26	-----	-----	-----	-------	-----	2.2%	92	0.21	-----	-----	0.000	Silt Fence	0.0
		-----	-----	-----	-------	-----	2.2%	92	0.21	-----	-----	0.000		0.0
		-----	-----	-----	-------	-----	2.2%	0	-----	-----	-----	0.000		0.0
		-----	-----	-----	-------	-----	0.0%	0	-----	-----	-----	0.000		0.0
										TOTAL	7.6		TOTAL	4.7
													% Reduction Required	NONE

Notes:

See Help Page for further descriptions of variables and items in drop-down boxes.
The last land disturbing activity on each sheet must be 'End'. This is either 12 months from the start of construction or final stabilization.
For periods of construction that exceed 12 months, please demonstrate that 5 tons/acre/year is not exceeded in any given 12 month period.

NOTE: THIS TOOL ONLY ADDRESSED SOIL EROSION DUE TO SHEET FLOW. MEASURES TO CONTROL CHANNEL EROSION MAY ALSO BE REQUIRED TO MEET SEDIMENT DISCHARGE REQUIREMENTS.

Recommended Permanent Seeding Dates:

4/15-6/1 and 8/1-8/21 Turf, introduced grasses and legumes
Thaw-6/30 Native Grasses, forbs, and legumes

Designed By:	JEC
Date	1/9/2026

SCALE: 1"= 200'

200' 0 200' 400'

NORTH

USLE MAP

DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS FOR [FEATHERSTONE RISE] SUBDIVISION

Name and Return Address:

Michelle W. Ebben, Esq.
Michael Best & Friedrich LLP
790 N. Water Street, Ste. 2500
Milwaukee, WI 53202

This Declaration of Covenants, Conditions and Restrictions ("Declaration") is made this ___ day of _____, 2026 by **[insert entity name] LLC**, a Wisconsin limited liability company ("Developer").

RECITALS

WHEREAS, Developer is the owner of all the real estate located in the [Featherstone Rise] Subdivision to the Town of Shelby, La Crosse County, Wisconsin, and legally described in Exhibit A attached hereto ("Property"); and

WHEREAS, Developer desires to make the Property subject to all of the covenants, conditions and restrictions of this Declaration for the purpose of protecting the value and desirability of the Property.

NOW THEREFORE, Developer hereby declares that the Property is and shall be subject to all of the provisions of this Declaration and shall be held, owned, sold, transferred, conveyed, hypothecated, encumbered, leased, occupied, built upon and otherwise used, improved, and maintained subject to all of the provisions of this Declaration, which provisions shall run with the title to the Property and shall be binding upon and inure to the benefit of Developer and all Owners of the Property.

ARTICLE I
DEFINITIONS

As used throughout this Declaration, the following terms shall have the meanings set forth below, which meanings shall be applicable to both the singular and plural forms and tenses of such terms:

1.01. ARC. The term “ARC” shall mean the architectural review committee as established herein.

1.02. Declaration. The term "Declaration" shall mean this Declaration of Covenants, Conditions and Restrictions and all amendments thereto.

1.03. Developer. The term "Developer" shall mean [insert entity name] LLC, a Wisconsin limited liability company, its successors and assigns.

1.04 Improvement. The term “Improvement” shall mean and refer to any building, structure, object or device constructed, erected or placed upon any Lot which in any way affects the exterior appearance of the Lot. Improvements shall include by way of illustration and not limitation, buildings, sheds, foundations, structures, mailboxes, decks, patios, swimming pools, sidewalks, utility lines, roads, driveways, walkways, paving, curbing, parking areas, grading, excavation, trees, shrubbery, landscaping, fences, exterior lighting, screening, walls, signs and any other man-made changes or alterations to the condition of the Lot on the date of this Declaration.

1.05. Lot. The term "Lot" shall mean any of the Lots in [Featherstone Rise] Subdivision to the Town of Shelby, La Crosse County, Wisconsin, as legally described herein, and any Improvements located thereon. In the event that any Lots are combined or subdivided pursuant to Article 9.02 hereof, then each new parcel created by said approved combination or subdivision shall thereafter be considered a Lot.

1.06. Occupant. The term "Occupant" shall mean and include any Owner and the family members, guests, tenants, agents, servants, employees and invitees of any Owner, and any other person who occupies or uses any Lot. All actions or omissions of any Occupant are and shall be deemed the actions or omissions of the Owner.

1.07. Owner. The term "Owner" or “Owners” shall mean and refer to the record owner, including Developer, of fee simple title to any Lot. A land contract purchaser shall be considered an Owner after the date of closing of the land contract.

1.08. Property. The term "Property" shall have the meaning ascribed to it in the Recitals.

ARTICLE II
EASEMENTS

2.01. Reservation of General Access Easement. Developer does hereby establish and reserve for itself and the ARC and their respective agents, employees, successors and assigns, a permanent

and perpetual non-exclusive easement appurtenant over, across, through and upon each Lot for the purpose of providing ingress to and egress from each Lot for: (a) inspecting each Lot in order to determine compliance with the provisions of this Declaration and (b) taking any action permitted to be taken by Developer or the ARC pursuant to any of the provisions of this Declaration. Upon completion and occupancy of any residence, except in the event of emergencies, the foregoing easement shall be utilized only during normal business hours and then, whenever practicable, only upon advance notice to the Owner or Occupant of such residence.

2.02. Reservation of Easement for Stormwater Drainage. Developer does hereby reserve for itself and the ARC and their respective agents, employees, successors and assigns, for the benefit of all Owners of any portion of the Property, the right to grant a permanent and perpetual non-exclusive easement appurtenant over, across, through and upon each Lot for the flow of stormwater in such locations as necessary to protect the Property. No Owner shall develop their respective Lot in such a way that negatively impacts the flow of any swale or drainage way so as to impede the flow of surface water from or onto other Lots. The easement right reserved herein shall include the right to excavate, grade and fill and to otherwise take all other action reasonably necessary to establish appropriate stormwater drainage patterns; provided, however, that such easement does not impose any duty or obligation upon Developer or the ARC to perform any of the foregoing actions.

2.03. Reservation of Utility Easements. Developer hereby reserves the rights to grant to the Town of Shelby, City of La Crosse, and/or La Crosse County any public or semi-public utility companies, easements and rights-of-way for the erection, construction, and maintenance of all poles, wires, pipes, and conduits for the transmission of electricity, gas, water, telephone, and for other purposes, for sewers, stormwater drains, gas mains, water pipes and mains, and similar services and for performing any public or quasi-public utility function that Developer may deem fit and proper for the improvement and benefit of the Property. Such easements and rights-of-way shall be confined, so far as possible in underground pipes or other conduits, with the necessary rights of ingress and egress and with the rights to do whatever may be necessary to carry out the purposes for which the easement is created.

ARTICLE III
ARCHITECTURAL REVIEW COMMITTEE AND APPROVALS

3.01. Purpose of the ARC. The purpose of the ARC shall be to approve, approve with conditions or disapprove any plans and specifications for any proposed Improvement that are submitted to the ARC, to respond to inquiries from any Owner regarding this Declaration and to take any enforcement or other action that is both authorized by this Declaration and deemed appropriate by the ARC in the circumstances.

3.02. Composition of the ARC. The ARC shall consist initially of the Developer. Developer may appoint up to two additional members to serve on the ARC with Developer. Any members so appointed may be removed by Developer at any time. Developer and any members appointed by Developer shall cease to be members of the ARC on a date that is one year after the first day on which Developer no longer owns any portion of the Property. Notwithstanding the above, Developer may resign from the ARC (which resignation shall also be effective for any members appointed by Developer) by giving written notice to each Owner.

3.03. Continuation of the ARC. If a majority of the Owners wish to continue the ARC beyond the date Developer and members appointed by Developer cease to be members of the ARC, then the Owners shall elect three (3) Owners to serve on the ARC. One Owner shall be elected for a one-year term, one for a two-year term, and one for a three-year term. Thereafter one Owner shall be elected or re-elected each year for a three-year term to take the place of the Owner whose term is expiring. Said elections shall be by majority vote of the Owners present in person or by proxy at a meeting of Owners called by written notice for this purpose.

3.04. Procedure and Meetings. While Developer serves as a member of the ARC, meetings shall be held at such time and place as Developer determines is necessary to conduct the business of the ARC. Thereafter the scheduling of meetings shall be determined by the members of the ARC. A majority of the members shall constitute a quorum of the ARC for the transaction of business and the affirmative vote of a majority of those members present in person or by proxy at a meeting of the ARC shall constitute the action of the ARC on any matter which comes before it. The ARC shall have the right from time to time to adopt and establish such rules and regulations as may be determined to be necessary concerning the procedure, notice of meetings and all other matters concerning the conduct of the business of the ARC.

3.05. Approval of Plans and Specifications.

A. No Improvement (as defined in Article 1.04) of any kind shall be erected, installed, placed, moved onto, altered, replaced, relocated, permitted to remain on or maintained on any Lot unless plans and specifications therefore have been submitted to and approved by the ARC.

B. The ARC is hereby authorized and empowered to approve, approve with conditions or disapprove all plans and specifications for any Improvements on any part of the Property. Prior to commencement of any Improvement on any Lot, the Owner thereof shall submit to the ARC plans and specifications and all related information requested by the ARC for the purpose of evaluating the proposed Improvement. It is the sole responsibility of the Owner to consult with the ARC to determine what information the ARC believes is necessary to adequately evaluate the proposed Improvement.

C. The ARC shall, in its sole discretion, approve, approve with conditions or disapprove any proposed Improvement. Notwithstanding anything herein to the contrary, no ARC approval is required for an Owner to make interior improvements and alterations that do not affect exterior appearance.

D. The ARC's decision to approve, approve with conditions or disapprove any proposed Improvement may be based on any grounds that the ARC believes in good faith to be appropriate, including but not limited to purely aesthetic considerations, failure to comply with any provisions of this Declaration, failure to provide requested information, objection to exterior design, appearance or materials, objection on the grounds of incompatibility with other Improvements on the Property, objection to the landscaping plan, color scheme, finish, proportions, style of architecture, height, bulk or appropriateness of any Improvement or any

other matter which, in the sole judgment of the ARC, would render the proposed Improvement inappropriate for the Property. Approval of plans and specifications by the ARC for Improvements to one particular Lot shall not be deemed an approval, or otherwise obligate the ARC to approve similar plans and specifications or any of the features or elements thereof for any other Lot.

E. In the event the ARC fails to approve plans and specifications for any proposed Improvement within thirty (30) days after receipt by the ARC, then those plans and specifications will be deemed to have been disapproved.

F. Any revisions, modifications or changes to any plans and specifications previously approved by the ARC must be approved in the same manner as the original plans and specifications.

G. If construction of approved Improvements has not substantially commenced within one year of approval, then the original approval shall be void and the Owner shall resubmit all plans and specifications to the ARC for approval in the manner specified above.

H. It is the sole responsibility of the Owner to secure approval for all aspects of any proposed Improvement. Any Improvement that is constructed, erected or placed on any Lot without approval of the ARC shall be deemed disapproved for a period of three years from the date of completion of the Improvement. In the event that an action for enforcement with respect to the disapproved Improvement is not undertaken pursuant to Article VIII of this Declaration within three years of the date of completion, then that Improvement shall be deemed approved. Notwithstanding the above, the ARC shall have the authority, in its sole discretion, to approve an Improvement after its completion, if the ARC believes the Improvement would have been approved had the appropriate plans and specifications been submitted to the ARC prior to the start of the Improvement.

3.06. ARC Not Continued. In the event that the Owners do not continue the ARC as permitted by Article 3.03 hereof beyond the date Developer and members appointed by Developers cease to be members of the ARC, then the approvals under Article 3.05 hereof are no longer required. However, regardless of the existence of the ARC, the restrictions contained in Article IV are applicable to all Improvements.

3.07. No Implied Variance. The approval of any plans and specifications under this Article III shall not be presumed to grant any variance from the provisions of Article IV of this Declaration, unless the specific provisions of Article 4.18 are also complied with.

3.08. Subsurface Conditions. The approval of plans and specifications by the ARC for any Improvements on a Lot shall not be construed in any respect as a representation or warranty by the ARC to the Owner submitting such plans and specifications or to any of the successors or assigns of such Owner that the surface or subsurface conditions of such Lot are suitable for the construction of the Improvements contemplated. It shall be the sole responsibility of each Owner to determine the suitability and adequacy of the surface and subsurface conditions of any Lot for the construction of any Improvements contemplated thereon.

ARTICLE IV
USE AND DEVELOPMENT RESTRICTIONS AND ARCHITECTURAL STANDARDS

4.01. General Use Restrictions.

A. Each Lot shall be used for residential use only as permitted by local zoning. All single-family homes that are one-story dwellings constructed on a Lot shall consist of at least 1,600 square feet of living space, exclusive of garages and porches. All single- family homes that are two-story dwellings constructed on a Lot shall consist of at least 1,800 square feet of living space, exclusive of garages and porches. All single-family homes that are split level or multi-story dwellings constructed on a Lot shall consist of at least 1,200 square feet ground floor area, exclusive of garages and porches. All single- family homes constructed on a Lot shall have a minimum value of $500,000.00 at the time of construction.

B. Accessory buildings and detached garages may also be permitted subject to these Declarations, approval of the ARC, and local ordinances. Accessory buildings shall be erected with stick framing, framed within a foundation to code, and aesthetically blend in with the house on the Lot. No mobile home, travel trailer, motorhome, tent, shack, garage, barn or other accessory building shall be used as a temporary or permanent residence for any Occupant. No portable or metal accessory buildings, playhouses, or other play structure are permitted on any Lot.

C. No trade or business of any kind may be carried on, in or from any Lot. The use of any portion of a Lot as an office by an Owner or Occupant shall not be considered a violation of this Declaration if such use does not create customer, client or employee traffic on or around the Lot. No building previously erected elsewhere shall be moved onto any Lot.

D. No fences shall be installed without approval by the ARC. No chain link fences shall be permitted on any Lot. No fences shall be installed in easement areas. Wood and vinyl fences will be allowed if approved by the ARC and cannot exceed six (6) feet in height. The selection and type of mailboxes shall be approved by the ARC.

E. All Owners shall keep the Lot and all Improvements in neat and clean condition, including but not limited to repainting, residing, refinishing, staining, and re-roofing when the same becomes worn or deteriorated.

4.02 Underground Utilities. All utility lines, conduit and wiring for electrical, gas, telephone, water, sewer, cable television, security and any other utility service for any portion of the Property shall be installed and maintained below ground. Above ground tanks for fuel or water are prohibited.

4.03 Utility Meters and HVAC Equipment. All utility meters, HVAC equipment, electrical transformers, telephone and cable television pedestals or junction boxes located on any Lot shall, to the extent practicable, be located on the side or rear of the house and screened from view.

4.04 Lot Corners. Owner shall promptly cause to be replaced by a licensed surveyor any Lot

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corner monuments which are removed or displaced during construction of Owner's Improvements. All Lot corner monuments are to remain in place and visibly marked.

4.05 Satellite Dishes and Antennae. One satellite dish not greater than eighteen inches (18") in diameter may be attached to the house or mounted adjacent to the house so long as it is of a neutral color and the highest portion of the dish is lower than the nearest roof peak. No other satellite dishes, radio antenna, radio receiver, aerial or other similar device may be installed on any Lot unless it is contained entirely within the interior of a building and is not visible from any street or other Lot.

4.06 Building Setbacks. The Owner shall comply with all Town of Shelby setback requirements. In addition, any garage door facing a street must be not more than twelve (12) feet closer to the street than the front façade of the house and shall not be wider than necessary to accommodate three vehicles. Notwithstanding the above, the exact location, both horizontal and vertical, of any Improvement on any Lot shall be subject to the approval of the ARC.

4.07 Vehicles, Machinery and Equipment. Motorhomes, mobile homes, any vehicles not normally used by the general public for daily passenger use, trailers of any kind, campers, motorcycles, bicycles, motorized carts and all-terrain vehicles, lawn mowers, tractors, tools, construction machinery and equipment of any nature, golf carts, boats and any other type of watercraft, including boat trailers, inoperable vehicles of any type and any other similar types of vehicles, machinery and equipment shall not be permitted, stored or allowed to remain on any Lot unless the same is placed, stored and maintained within a fully enclosed structure on such Lot. No vehicle shall be parked on any non-paved area. No Owner or Occupant shall repair or restore any vehicle, machinery or equipment on any Lot except within enclosed garages or workshops or for emergency repairs only.

4.08 Driveways and Parking Areas. All driveways, sidewalks, and parking areas on any Lot shall be constructed of concrete and approved by the ARC. Each Owner, at the Owner's expense, shall install a sidewalk on near the boulevard of the Lot of a size and location as required by the Town of Shelby and as approved by ARC.

4.09 Street Trees. The Owner shall install and maintain (including prompt replacement of dead or diseased trees) at the Owner's cost, street trees in all boulevard areas of a size and type and in locations permitted by the Town of Shelby.

4.10. Lawn Areas. All areas of the lawn located between the house and any street, and all side yard areas extending to the rear corner of the house and rear yards, shall be sodded within thirty (30) days of issuing of the occupancy permit. Rear yards may be seeded at the discretion of the ARC. All Owners shall be required to control and maintain weeds and grasses on the Lot and Town of Shelby right of ways. Additional time to complete the landscaping may be granted by the ARC if weather conditions prevent completion within the prescribed time. All lawns shall be kept in neat trimmed condition.

4.11. Windows and Window Treatments. Reflective window coverings are not permitted on the exterior of any windows. No window treatments are permitted except shades, blinds or other materials designed, manufactured and intended for that specific use. Windows and window

treatments visible from the exterior are considered Improvements subject to the provisions of Article 3.05 of this Declaration.

4.12. Exterior Lighting. All exterior lighting should be directed downward and shielded in a manner that minimizes the impact on other Lots. Exterior lighting not attached to the house or Improvements shall be approved by ARC. No post lights or mercury vapor lights. Exterior lights shall be "shoe box" style or other covered lens.

4.13. Play Equipment. Children's toys, swing sets, jungle gyms and similar outdoor recreational equipment shall be approved only in the rear yard.

4.14. Signage. No sign of any kind shall be displayed to the public view on any Lot except one (1) sign of not more than three (3) square feet located in the front yard advertising said Lot for sale or advertising the name of the home builder during the construction period. Owners may have temporary holiday decorations on the exterior of a dwelling provided the decorations are not obnoxious and/or offensive as determined by the ARC in its sole and absolute discretion.

4.15. Clotheslines. Clotheslines that are installed and extended in a permanent manner are not permitted. Clotheslines that can be installed or extended on a temporary basis are permitted, so long as they are promptly removed when not in use.

4.16. Noxious Practices. No noxious or offensive activity or practice shall be carried on upon the Property nor any Lot, nor shall any activity or practice become an annoyance or nuisance to other Owners or Occupants. Rubbish, trash, garbage and other waste shall be kept in clean and sanitary containers and stored within a garage. Outside storage of garbage or recycling bins is strictly prohibited.

4.17. Objectionable Colors for Homes. Variety in colors and multiple colors on a home are encouraged. However, the ARC, in its sole and absolute discretion, may prohibit individual colors or color schemes it regards as objectionable that create disharmony amongst the Lots. Colors on a home shall be assessed by ARC in accordance with Article 4.23 below. In all instances, fluorescent colors are prohibited on a home.

4.18. Variances. The ARC, in its sole and absolute discretion, shall have the exclusive right to grant variances with respect to this Article IV. A request for a variance shall be submitted to the ARC by the Owner in writing. No variance shall be effective unless granted by the ARC in writing. The approval of any plans and specifications under the procedure established in Article III of this Declaration shall not be presumed to grant any variance unless specifically granted under the provisions of this Article 4.18.

4.19. Animals. No domestic animals, chickens or other fowl may be kept on the Lot, except Owner may keep up to a total of two (2) dogs or cats. All dog kennels must be approved by the ARC and must be screened in with fencing subject to the restrictions of Article 4.01.

4.20. Roofing. No raw aluminum or galvanized material is permitted. No solar or energy collection panels or equipment shall be installed without approval of the ARC. All heating vents

or other projection of any nature that are placed on the roof shall be of a color that closely matches the roofing material. Roofs shall be asphalt, steel or tile. Fascia shall be aluminum, steel or wood.

4.21. Swimming Pools. Swimming pools shall be limited to in-ground type and no above ground pools. All pools must be enclosed by a fence with a minimum height of six feet and have a gate that must be secured. Above-ground pools may be allowed at the discretion of the ARC, when adequately screened from view of neighboring Lots. Under no circumstances will an above-ground pool be permitted if it extends above the existing grade by more than eighteen inches. All swimming pool construction and installation must be done in accordance with Town of Shelby Ordinances.

4.22. Exterior Siding. Exterior siding shall be aluminum, steel, vinyl, wood, brick, stone or stucco.

4.23. Colors. Homes shall not be built with more than four (4) colors, including. All colors are subject to the approval of the ARC. The following colors are acceptable tones to consider as an Owner prepares to erect a home or any other Improvement on their respective Lot:

A. Main Color: Subtle hues of muted/grayed earth tones of beige, tan, brown, rust, rose, gray-green, gray-blue, gray, dark tones, white and off-whites.

B. Accent Colors: carefully related earth tones, grayed or muted colors, and white.

ARTICLE V
OWNER'S RESPONSIBILITIES

5.01. Approvals. It is the sole responsibility of the Owner to secure approval for all aspects of any proposed Improvement. In the event that any Improvement or aspect thereof is constructed, erected or placed on any Lot without approval of the ARC, and the ARC requests removal of said Improvement, the Owner will comply with said request promptly and restore the disturbed portion of the Lot to its condition prior to commencement of the Improvement.

5.02. Construction Period. During the construction of any Improvements, all Lots shall be maintained in a clean condition, free of debris and waste material. All unused construction materials shall be stored, to the extent practicable, out of view from any street. All construction trash, debris and rubbish shall be properly disposed of off of the Property or contained within a dumpster.

5.03. Commencement and Completion of Construction. Upon commencement of construction of any Improvement, work thereon shall be prosecuted diligently and continuously and shall be completed within one (1) year of the commencement date of said construction.

5.04. Erosion Control. No Owner shall allow dirt, mud, gravel or other substances to collect or remain on any street or on any other Lot. Each Owner shall cause all such dirt, mud, gravel and other substances to be removed from the treads and wheels of all vehicles used in or related to the construction of Improvements prior to such vehicle traveling on any street adjacent to the Property.

Each Owner shall install and maintain at the Owner's cost all erosion control measures requested by the ARC, Town of Shelby, La Crosse County, or the Developer for the purpose of preventing soil material from eroding from the Owner's Lot onto adjacent Lots or the street. Regardless of the foregoing, it shall be the Owner's responsibility to promptly clean up, repair and restore any damage caused by erosion from the Owner's Lot to adjacent Lots or the street.

5.05. General Maintenance. The Owner shall maintain all Improvements, including but not limited to all structures of any kind and all landscaping, in a neat, clean and sanitary condition at all times. Dead or diseased vegetation, stumps, weeds, rubbish, debris, garbage and waste material shall be promptly removed from each Lot.

ARTICLE VI
CASUALTY AND CONDEMNATION

6.01. Damage or Destruction. In the event of any fire or any other casualty which damages or destroys any portion of any Lot, the Owner shall promptly repair and otherwise restore such Lot to the condition in which the same existed immediately prior to such damage; provided, however, that any such restoration or repair shall be subject to compliance with all of the terms and provisions of this Declaration. In the event of complete destruction of the Improvement, then the Owner shall promptly clear away any remaining debris and shall leave such Lot and any remaining Improvements in a clean, orderly and safe condition.

6.02. Condemnation of Lots or Dwellings. In the event that all or any portion of a Lot is taken as a result of in lieu of or in anticipation of the exercise of the right of eminent domain or condemnation, then, to the extent practicable, the Owner of such Lot shall promptly repair, reconstruct, rebuild and otherwise restore the remaining portions of the Lot subject to such taking as nearly as practicable to the condition in which the same existed immediately prior to such taking; provided, however, that any such restoration shall be subject to compliance with all of the terms and provisions of this Declaration. In the event the restoration is impracticable or would otherwise violate any of the terms and provisions of this Declaration, then such Owner shall promptly clear away any remaining Improvements damaged or destroyed by such taking and shall leave such Lot and any remaining Improvements in a clean, orderly and safe condition.

ARTICLE VII
TERM AND AMENDMENTS

7.01. Term. The covenants, conditions and restrictions set forth in this Declaration shall run with and bind all of the Property, shall inure to the benefit of all Owners and their heirs, executors, personal representatives, administrators, successors and assigns, and shall be and remain in effect for a period of thirty (30) years from and after the date hereof, after which time this Declaration shall be automatically renewed and extended for successive and continuous periods of ten (10) years each, unless an agreement executed by the Owners of at least two-thirds or more of the Lots agreeing to terminate or modify this Declaration has been recorded in the office of the Register of Deeds of La Crosse, County, Wisconsin.

7.02. Amendment by Developer. So long as Developer is also an Owner, as defined in Article

1.07 of this Declaration, Developer may amend this Declaration by a written instrument filed and recorded in the office of the Register of Deeds of La Crosse County, Wisconsin, without obtaining the approval of any other Owner. Any amendment made pursuant to this Article 7.02 shall be certified by Developer and shall be effective upon recording. Each Owner, by acceptance of a deed or other conveyance to a Lot, agrees to be bound by all amendments permitted by this Article 7.02 and further agrees that, if requested to do so by Developer, such Owner will consent in writing to such amendment.

7.03. Amendment by Owners. Except for amendments under Article 7.02 hereof, any amendments to this Declaration shall be executed by the Owners of at least two-thirds of the Lots, shall be consented to by Developer if Developer owns any of the Lots, and shall be recorded in the office of the Register of Deeds of La Crosse County.

ARTICLE VIII
ENFORCEMENT

8.01 Enforcement. In the event any of the provisions of this Declaration are breached or are otherwise not being complied with in all respects by the Owner or Occupant or the respective family members, guests, invitees, agents, employees or contractors of such Owner or Occupant, then the Developer or the ARC shall have the right and authority, at its option to (a) enjoin such violation or non-compliance and/or (b) through their designated agent, employees, representatives and independent contractors, enter upon such Lot or dwelling thereon and take all action necessary to extinguish or correct such violation or breach. Any other Owner or Owners shall have the right and authority, at its/their option, to enjoin such violation or non-compliance.

8.02 Costs of Enforcement. All costs and expenses incurred by the ARC or Developer in enforcing any of the provisions of this Declaration that are in violation or non-compliance including without limitation, attorney fees, court costs, expenses and witness fees, shall be paid by such Owner who has violated or breached any of the provisions of this Declaration. Non-payment of the costs and expenses by the Owner who has violated or breached the provisions shall constitute a lien upon the premises of the Owner's Property, wherein the breach or non-compliance has occurred. Costs and expenses incurred by an Owner or Owners seeking enforcement for violations or non-compliance shall be determined by the Court finding a violation or noncompliance of any provisions of this Declaration.

ARTICLE IX
MISCELLANEOUS PROVISIONS

9.01. Rezoning. No owner may rezone their respective Lot nor any other portion of the Property without permission of the ARC.

9.02. Further Subdivision. No Lot or Lots may be combined or subdivided without the prior written consent of the ARC. Further, any approved combination or subdivision of a Lot shall comply with all applicable municipal and/or county ordinances related thereto.

9.03. Severability. If any provisions of this Declaration or the application thereof to any person or circumstance shall, to any extent, be invalid or unenforceable, the remainder of this Declaration

or the application of such provisions to persons or circumstances other than those as to which it is held invalid or unenforceable shall not be affected thereby and each provision shall be valid and enforceable to the fullest extent permitted by law.

9.04. Captions and Headings. The captions and headings contained in this Declaration are for convenience of reference only and shall not be used in the construction or interpretation of any provisions of this Declaration. The table of contents, cover page and any index to this Declaration are for convenience of reference only and shall not define or limit any of the terms and provisions hereof.

9.05. Pronouns and Plurals. All personal pronouns used in this Declaration, whether used in the masculine, feminine or neuter gender, shall include all other genders. The use of the singular tense shall include the plural and the use of the plural shall include the singular.

9.06. Binding Effect. The terms and conditions of this Declaration shall be binding upon each Owner or Occupant and their respective heirs, executors, administrators, personal representatives, successors and assigns and shall inure to the benefit of Developer, the ARC and all Owners and their respective heirs, executors, administrators, personal representatives, successors and assigns.

9.07. Conflict or Ambiguity. In the event of any conflict or ambiguity in the terms and provisions of this Declaration, the general rules of construction against one party as a result of that party having drafted this Declaration are hereby waived by each Owner. To the fullest extent allowed by law, no conflicts or ambiguity shall be resolved in favor of or to the advantage of one party as opposed to another.

9.08. Interpretation. In all cases, the provisions set forth and provided for in this Declaration shall be construed together and given that interpretation or construction which, in the opinion of the Developer, will best effect the intent of the general plan of development for the Property. The provisions hereof shall be liberally interpreted and, if necessary, they shall be so extended or enlarged by implication so as to make them fully effective. The provisions of this Declaration shall be given force and effect, notwithstanding the existence of any zoning or building codes which are less restrictive. The effective date of this Declaration shall be the date hereof. This Declaration shall be construed under and in accordance with the laws of the State of Wisconsin.

9.09. Rights of Third Parties. This Declaration shall be recorded for the benefit of Developer, the ARC, the Owners and such third parties and entities as are herein or in any other document or instrument granted rights, privileges and easement in the Property, and by such recording, no other adjoining property owners or third parties shall have any right, title or interest whatsoever in the Property or its operation and continuation, in the enforcement of any of the provisions if this Declaration or the right to consent to or approve any amendment or modification to this Declaration.

9.10. No Trespass. Whenever the Developer, the ARC and their respective agents, employees, representatives, successors and assigns, are permitted by this Declaration to enter upon any Lot to take any action permitted herein, the entering thereon and the taking of such action shall not be deemed a trespass.

9.11. No Partition. Each Owner hereby waives any right to seek or obtain judicial partition of any portion of the Property.

9.12. Reservation of Rights. Notwithstanding anything provided herein to the contrary, no sale, transfer, conveyance, lease, pledge, encumbrance or other hypothecation of any Lot by Developer to any other party shall constitute or be deemed a transfer of any of the rights reserved herein to Developer. Developer reserves the right to change location of any Lot owned by Developer including changes to the boundaries of any Lot owned by Developer.

9.13. Standards for Review. Whenever in this Declaration Developer or the ARC has the right to approve, consent to or require any action be taken pursuant to the terms hereof, such approval, consent or required action shall, except as otherwise specifically provided herein to the contrary, be given or withheld in the sole and absolute discretion of Developer or the ARC, as the case may be.

9.14. Oral Statements. Oral statements or representations by Developer, the ARC or any of their respective employees, agents, representatives, successors or assigns shall not be binding on Developer or the ARC.

9.15. Notices. Notices required hereunder shall be in writing and shall be delivered by hand or sent by United States mail, postage prepaid. All notices to Owners shall be delivered or sent to such addresses as have been designated in writing or, if no such address has been so designated, at the address of such Owner's respective Lot. All notices to the ARC shall be delivered or sent in care of Developer to:

_____
Attn: _____
_____
_____

or to such other address as the ARC may from time to time specify in a notice to the Owners. All notices to Developer shall be sent or delivered to Developer at the above address or to such other address as Developer shall specify.

9.16. Assignment. Developer and the ARC shall each have the right to assign any and all of the rights, powers, reservations and duties contained herein to any person or entity who shall thereupon have the same rights, powers, reservations and duties as Developer and the ARC, respectively.

9.17. No Waiver. All rights, remedies and privileges granted to Developer and the ARC pursuant to the terms and provisions of this Declaration shall be deemed to be cumulative and the exercise of any one or more of such rights, remedies or privileges shall not be deemed to constitute an election of remedies nor shall it preclude the party exercising the same, or any other party, from pursuing such other additional rights, remedies and privileges as may be available to such party at law or in equity. The failure at any time to enforce any covenant, condition or restriction set forth herein shall in no event be deemed a waiver of the right to enforce such covenant, condition or restriction.

9.18. Non-Merger. The terms of this Declaration and any rights hereunder shall not merge into the estate of any Owner and shall survey transfer of any Lot or any part thereof.

[Signature Page to Follow]

DRAFT

IN WITNESS WHEREOF, Developer has caused this Declaration to be duly executed as of the date first set forth above.

[INSERT NAME OF DEVELOPER ENTITY]

By: _____
Printed Name: _____
Title: _____

STATE OF WISCONSIN)
) ss.
COUNTY OF LA CROSSE)

Personally came before me this ___ day of _____, 2026, the above-named _____, to me known to be the person who executed the foregoing instrument and acknowledged the same.

_____
Printed Name: _____
Notary Public, State of Wisconsin
My Commission expires: _____

DRAFT

This document was drafted by:
Michelle W. Ebben, Esq.
Michael Best & Friedrich LLP
790 N. Water Street, Ste. 2500
Milwaukee, WI 53202

EXHIBIT A
LEGAL DESCRIPTION

[To be inserted]

DRAFT

PLANNING, RESOURCES AND DEVELOPMENT COMMITTEE
Monday, March 2, 2026
Administrative Center – County Board Room (1700)
4:35 p.m. – 5:25 p.m.
Recess
6:00 p.m. – 6:06 p.m.

MEMBERS PRESENT: Ken Schlimgen, Patrick Scheller, Peg Isola, Kristi Tweed, David Pierce, Dennis Jacobson
MEMBERS EXCUSED: Ron Rothering, Doug Servais
MEMBERS ABSENT:
STAFF & GUESTS: Angel Much, Kaleb Schuster, Jacob Schweitzer, Brock Tokach, Dillon Constant, Bryan Meyer, Dale Hewitt, Kathleen Stewart, Sara Koopman, Jane Klekamp, Sarah Torbert, Carol Engle-Drury, Bob Gollnik, Ethan Welter (recorder)

APPROVAL OF MINUTES & PUBLIC HEARING MINUTES FROM FEBRUARY 2, 2026
MOTION by Scheller/Isola to approve the **February 2, 2026,** business & public hearing minutes.
6 Aye, 0 No, 1 Excused (Rothering), 0 Absent, Motion carried.

PUBLIC COMMENT

Regarding Featherstone Rise Development:
IN FAVOR
Tim Candell, W4709 Cherrywood DR, La Crosse, WI
Joe Ledvina, 4071 Starlite DR, La Crosse, WI
Mike Kendhamm, N1337 Leske RD, La Crosse, WI
Fortune Berg, 2800 Ward Ave, La Crosse, WI
Libby Weber, N2248 Pammel Pass E, La Crosse, WI
Angela Weber, 232 3rd ST N, La Crosse, WI
Tyler Fortune, W5050 Knobloch RD, La Crosse, WI

IN OPPOSITION
Tim Buisman, W4896 CTH FO, La Crosse, WI
Dennis Justin, W4987 Woodhaven DR, La Crosse, WI
Ray Hach, N2082 County RD F, La Crosse, WI

Regarding Tracking Pad Current Standards:
IN OPPOSITION
Paul Wuensch, N4802 CTH J, Rockland

SUPERVISOR CONFERENCE REPORTS
Supervisor Isola – WCA Legislative Conference

CONSIDER AND ACT: STORMWATER AND EROSION CONTROL PLAN FOR FEATHERSTONE RISE IN THE TOWN OF SHELBY – KALEB SCHUSTER
Schuster stated that the La Crosse County Department of Land Conservation (DLC) has reviewed the submitted Erosion Control and Stormwater Management Plan for the Featherstone Rise Subdivision on the Town of Shelby. The project will include 36 single-family residential lots. Stormwater runoff from the development will be conveyed through a network of swales and culverts to six stormwater management biofiltration basins located around the perimeter of the site. These basins are designed to promote infiltration, reduce peak discharge rates, and provide stormwater treatment.

Discussion between Committee and Staff ensued.

Proposed Conditions

1. Results from the 15 soil borings submitted to the DLC upon completion. Adjust stormwater infrastructure to reflect any limiting factors discovered from the soil borings.
2. Submit final plat within 36 months of preliminary plat approval.

MOTION by Isola/Scheller to approve the Stormwater and Erosion Control Plan for Featherstone Rise in the Town of Shelby with the 2 proposed conditions.
6 Aye, 0 No, 1 Excused (Rothering), 0 Absent, Motion carried.

CONSIDER AND ACT: PRELIMINARY PLAT FOR FEATHERSTONE RISE IN THE TOWN OF SHELBY – BRYAN MEYER

Meyer stated that the La Crosse County Surveyors Department coordinated the review of the preliminary plat of Featherstone Rise, a 36-lot subdivision near the intersection of STH 33 and CTH F in the Town of Shelby. Our review looks at compliance with Chapter 236 of the Wisconsin Statutes, AE-7 of the Wisconsin Administrative Code and Chapter 18 of the La Crosse County Code. We also sought input on the plat from The Wisconsin Department of Transportation, Town of Shelby, the La Crosse County Highway Department, the Land Conservation Department and Zoning, Planning and Land Information Department. All of the input was shared with Excel Engineering, Inc. Updates were made, and a final version of the map was shown.

Discussion between Committee and Staff ensued.

Chair Schlimgen closed the business meeting at 5:25 p.m.

Chair Schlimgen reopened the business meeting at 6:00 p.m.

Discussion between Committee and Staff ensued.

Proposed Conditions

1. Lot 1 and 24 will need a variance for lot depth requirements.

MOTION by Scheller/Tweed to approve the Preliminary Plat for Featherstone Rise in the Town of Shelby with the 1 proposed condition.
5 Aye, 1 No (Schlimgen), 1 Excused (Rothering), 0 Absent, Motion carried.

NEXT MEETING – Monday, April 6, 2026

FUTURE AGENDA ITEMS
None

MOTION by Tweed/Pierce to adjourn.
6 Aye, 0 No, 1 Excused (Rothering), 0 Absent, Motion carried.

Meeting adjourned at 6:06 p.m.

The above minutes may be approved, amended, or corrected at the next committee meeting.

Ethan Welter, Recorder

TOWN OF SHELBY
2800 Ward Avenue La Crosse, WI 54601
608.788.1032
608.788.6840
info@townofshelby.com
www.townofshelby.com
www.facebook.com/townofshelby

Town Board Meeting Minutes – APPROVED

Date: Tuesday, February 17, 2026
Time: 8:30 a.m.
Location: 2800 Ward Ave, La Crosse, WI 54601
Present: Chairperson Tim Candahl, Supervisors Tim Ehler (until 9:45), Tim Padesky and Marlene Heal; Public Works Foreman Terry Wright, Administrator Christina Peterson, Clerk Fortune Berg, and Treasurer Melissa Erdman.
Excused/Absent: Supervisor Renee Knutson.
Attendance List: Brian Malm (Bolton and Menk), Tom Myhre, Todd Fischer, Dennis Justin, Joe and Dianne Hauser, Alan Lorenz, Nick and Angela Weber, Grant Duchac (Excel Engineering), Tim Buisman, Erik Miller, and Dan Oelke .

1. Meeting called to order by Candahl at 8:30 a.m.
2. Minutes from 02/03/2026. Motion by Padesky to approve minutes from 02/03/2026, second by Ehler. Motion carried unanimously.
3. Bills Payable. Motion by Heal to accept closed invoices for $2,111,737.77, second by Ehler. Motion carried unanimously. Motion by Ehler to pay open invoices for $595,397.90, second by Padesky. Motion carried unanimously.
4. Public Comment. None.
5. Preliminary Plat Review – Featherstone Rise LLC (11-37-0, 11-16-0, 11-18-0, 11-35-1, County Road F and Highway 33). Peterson noted that the plat was reviewed and discussed at the Technical Advisory Committee (TAC) Meeting with La Crosse County, School District, Town, Developer, etc. Changes were made based on that meeting, and this Preliminary Plat was created and submitted. The Planning Commission reviewed this and recommended approval. Peterson noted items that needed additional review based on discussion at the Planning Commission such as traffic, location of the shared wells and drainage. Traffic concerns were addressed by the County Highway Department, no concerns. Peterson confirmed the locations of the shared wells exceed the minimum distance from other shared wells, no concerns. Discussion on the slopes, grading and drainage. Peterson recommends that the Town require grading plans when each lot is developed to ensure each property will drain appropriately.

Public Comment

a. Joe Hauser (N2095 County Road F) asked about retention pond maintenance and asked if there is someone who works for the Town that can guarantee they are working properly. Candahl stated the Town works with La Crosse County to make sure the ponds are maintained and working as they were designed to.

b. Tim Buisman (W4896 County Road FO) asked when the park needs to be completed during construction. Nick Weber (145 17th Street S) noted it would be completed at the same time as the roads and retention ponds are deeded to the Town.

Motion by Heal to approve the preliminary plat with the condition that each lot submit a grading plan before construction begins, second by Ehler. Motion carried unanimously.

6. Driveway Exception – Johnson (11-1205-0, 3725 Cliffside Drive). Candahl would like to have a conversation with the property owner. Motion by Ehler to table until Tim Candahl can speak with the owner, second by Heal. Motion carried unanimously.
7. Certified Survey Map (CSM) – Kramer (11-2329-0, N124 Cedar Hills Lane). Peterson reviewed the Planning Commission recommendation and reminded the Board that Cedar Hills Lane is a private road, and residents share ownership of the road. Motion by Ehler to approve the Certified Survey Map, second by Padesky. Motion carried unanimously.
8. Applications to Exceed Two-Dog Limit – Cutter (W5907 Hillcrest Drive), Hermanson (2340 Redwood Court). No issues reported from Sheriff/Coulee Region Humane Society. Motion by Heal to approve, second by Padesky. Motion carried unanimously.
9. Updates on the Mormon Creek Watershed Study and the Millstream Addition – Bolton and Menk. Brian Malm reviewed updates and project goals. There will likely be another public information meeting in Summer 2026.

Public Comment

a. Erik Miller (W4944 Center Street) stated he does not plan to repair his culvert or driveway until the drainage issues are resolved, also concerned about water issues in backyards and his septic being affected. Peterson noted if there are too many impacts to backyards, the Town may not be able to address backyard drainage.
b. Dennis Justin (W4987 Woodhaven Drive) is concerned about how many residents are using the right-of-ways as their front yards and creating steep ditches along the road would cause issues for residents. Also concerned about pavement repairs, if they will have to install water and sewer in a few years, is it worth the cost?
c. Al Lorenz (W4927 Hoeth Street) asked what funding options are, Candahl answered that the options will be provided when the Town has a better idea of what the scope of the project and cost of the project will be.
d. Dan Oelke (N656 Hwy 35) noted special pavement used on Diagonal Road could be an option to mitigate problems in Millstream.

10. Administrator and Public Works Report. Peterson reported…
    a. Meeting at All Star at noon today for the Highway 35 project.
    b. Peterson is attending the Blufflands Coalition meeting today at 2:00 p.m.
    c. Tentative meeting on Thursday to discuss use of Hillview Ballfields.
    d. Public Works will be purchasing a new mower head to upgrade mower used for roadside ditches that can handle the terrain. Discussion on repairs and rentals to finish up the ditches.

e. Wright reported that they will be boring out the sewer to camera and clean the sewer lines in Arbor Hills.
f. Public Works will be cutting off I beams at the inlet structure at the end of Valley Road.
g. Public Works will be clearing brush on the sides of roads and clean up the corner of Crown Blvd and Cliffside Drive.
h. Public Works will be working on trucks.
i. Public Works will be cutting and trimming trees that overhang the roads.

11. Chairperson and Supervisors Report.
    a. Candahl reported he will be attending a future City of La Crosse Public Works Board Meeting.
    b. Heal asked Wright about the timeline for bench installation and park inspections. Wright answered the frost needs melt before they can put the slabs down for the benches, the playground inspections are supposed to be completed by April 15.
    c. Berg asked Wright about road bans, Wright answered he needs to assess the roads but is not planning to place them on roads at this time.
    d. Heal stated she will not be helping the Chicken Q this year. Peterson noted she or Erdman will be assisting. Heal asked how much the 2025 Chicken Q made. Berg will find the answer.
12. Fire Department Report. Candahl reported
    a. Chicken Q is going to be on March 15th.
    b. Firefighter Daren Schieldt retired this week.
    c. Engine 1 and 3 had minor work done are now back in service
13. Clerk's Report.
    a. Berg reviewed monthly report for permits, licenses, etc. Also reported on the recent meeting with La Crosse County Sheriff to discuss coverage.
14. Adjournment. Motion by Heal to adjourn at 10:09 a.m., second by Padesky. Motion carried unanimously.

Next Regular Meeting on March 3, 2026, at 5:00 p.m. at Town Hall
Respectfully Submitted by Fortune Berg, Clerk

Craig, Sondra

From: Neumann, Shannon
Sent: Wednesday, March 11, 2026 1:40 PM
To: Craig, Sondra
Subject: RE: For Review: Preliminary Plat - Featherstone Rise Subdivision

I cannot foresee any problems with the subdivision.

Shannon L. Neumann
Chief City Assessor
City of La Crosse Assessor's Office
400 La Crosse St. 54601
608-789-7525 Main | 608-789-7544 Office
neumanns@cityoflacrosse.org
www.cityoflacrosse.org

From: Craig, Sondra <craigs@cityoflacrosse.org>
Sent: Wednesday, March 11, 2026 12:43 PM
To: Acklin, Tim <Acklint@cityoflacrosse.org>; Asp, Brian <aspb@cityoflacrosse.org>; Coman, Kyle <comank@cityoflacrosse.org>; Crandall, Jay <CrandallJ@cityoflacrosse.org>; Erickson, Tina <ericksont@cityoflacrosse.org>; Gallager, Matthew <gallagerm@cityoflacrosse.org>; Holland, Michelle <hollandm@cityoflacrosse.org>; Neumann, Shannon <Neumanns@cityoflacrosse.org>; Reinhart, David <Reinhartd@cityoflacrosse.org>; Trane, Andrea <tranea@cityoflacrosse.org>
Subject: RE: For Review: Preliminary Plat - Featherstone Rise Subdivision

The subdivision plans are too large to attach. I have copied all of the documents to a folder on the O Drive.

O:\City_Clerk\Featherstone Rise - T-Shelby

Thank you,

SONDRA CRAIG, WCMC (she/her)
Deputy City Clerk
City Clerk's Office
City of La Crosse
400 La Crosse Street
La Crosse WI 54601

craigs@cityoflacrosse.org
Direct: 608.789.7549 | Office: 608.789.7510

From: Craig, Sondra
Sent: Wednesday, March 11, 2026 12:41 PM
To: Acklin, Tim <Acklint@cityoflacrosse.org>; Asp, Brian <aspb@cityoflacrosse.org>; Coman, Kyle <comank@cityoflacrosse.org>; Crandall, Jay <CrandallJ@cityoflacrosse.org>; Erickson, Tina <ericksont@cityoflacrosse.org>; Gallager, Matthew

<gallagerm@cityoflacrosse.org>; Holland, Michelle <hollandm@cityoflacrosse.org>; Neumann, Shannon <Neumanns@cityoflacrosse.org>; Reinhart, David <Reinhartd@cityoflacrosse.org>; Trane, Andrea <tranea@cityoflacrosse.org>
Subject: For Review: Preliminary Plat - Featherstone Rise Subdivision

Good afternoon,

Attached for your review is a preliminary plat for the Feathersone Rise Subdivision in the Town of Shelby (City's extraterritorial jurisdiction). The Town and County have already approved. This will be routed to the April committee meetings (CPC 3/30, J&A 3/31, and Council 4/9).

Attached is the checklist, preliminary plat, Declaration of Restrictions, and Stormwater & Erosion Control report. They also submitted Subdivision Plans, which I'll send separately because it is a very large document.

Please let me know if you have any concerns or if you approve (or N/A if this is not applicable for your review – I'm sending to the normal City CSM reviewers).

Thank you,

SONDRA CRAIG, WCMC (she/her)
Deputy City Clerk
City Clerk's Office
City of La Crosse
400 La Crosse Street
La Crosse WI 54601

craigs@cityoflacrosse.org
Direct: 608.789.7549 | Office: 608.789.7510
Visit the City Clerk webpage: https://www.cityoflacrosse.org/your-government/departments/city-clerk

City Clerk's Office hours:
8:00 a.m. to 4:30 p.m., Monday through Thursday
8:00 a.m. to 2:00 p.m., Friday
Public Service (walk in) hours 8:00 a.m. to 4:00 p.m. Monday through Thursday & 8:00 a.m. to 12:00 p.m. on Friday in the City Hall Lobby

Elected Officials and Members of Official Committees:
In order to comply with open meeting requirements, please limit any reply to only the sender of this electronic communication.

Craig, Sondra

From: Reinhart, David
Sent: Wednesday, March 11, 2026 2:09 PM
To: Craig, Sondra
Subject: RE: For Review: Preliminary Plat - Featherstone Rise Subdivision

Approve.

Thanks,

David Reinhart
Chief Building Inspector
Building & Inspections
400 La Crosse St., La Crosse, WI 54601
Office: 608-789-7564

From: Craig, Sondra <craigs@cityoflacrosse.org>
Sent: Wednesday, March 11, 2026 12:43 PM
To: Acklin, Tim <Acklint@cityoflacrosse.org>; Asp, Brian <aspb@cityoflacrosse.org>; Coman, Kyle <comank@cityoflacrosse.org>; Crandall, Jay <CrandallJ@cityoflacrosse.org>; Erickson, Tina <ericksont@cityoflacrosse.org>; Gallager, Matthew <gallagerm@cityoflacrosse.org>; Holland, Michelle <hollandm@cityoflacrosse.org>; Neumann, Shannon <Neumanns@cityoflacrosse.org>; Reinhart, David <Reinhartd@cityoflacrosse.org>; Trane, Andrea <tranea@cityoflacrosse.org>
Subject: RE: For Review: Preliminary Plat - Featherstone Rise Subdivision

The subdivision plans are too large to attach. I have copied all of the documents to a folder on the O Drive.

O:\City_Clerk\Featherstone Rise - T-Shelby

Thank you,

SONDRA CRAIG, WCMC (she/her)
Deputy City Clerk
City Clerk's Office
City of La Crosse
400 La Crosse Street
La Crosse WI 54601

craigs@cityoflacrosse.org
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Please let me know if you have any concerns or if you approve (or N/A if this is not applicable for your review – I'm sending to the normal City CSM reviewers).

Thank you,

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Elected Officials and Members of Official Committees:
In order to comply with open meeting requirements, please limit any reply to only the sender of this electronic communication.

Agenda Item 26-0254 (Tim Acklin)

Preliminary Plat of Featherstone Rise - Part of the Northwest 1/4 & Northeast 1/4 of the Northwest 1/4 of Section 7 and Part of the Southwest 1/4 & Southeast 1/4 of the Southwest 1/4 of Section 6, all in Township 15 North, Range 6 West, Town of Shelby, La Crosse County, Wisconsin.

General Location

Town of Shelby- Located at the NE corner of the intersection of State Highway 33 and County Road F as depicted in attached Map PC26-0254. The property was used as farmland. The property is surrounded by residential homes to the west and south and farmland to the north and east. It is approximately 2 miles from the nearest city limits of La Crosse.

Background Information

The applicant is requesting approval of the Preliminary Plat for the Featherstone Rise Subdivision in the Town of Shelby. The proposed subdivision is taking four existing parcels and subdividing them into 36 residential parcels and one outlot to be dedicated for a ½ acre public park. The existing buildings to the southeast of the project site will be left on their own parcel.

The proposed subdivision will be served by private wells. The proposed streets (Featherstone Way, Circle, and Court) will be dedicated as public right-of-way.

See attached plans for more information.

This item is reviewed by the City of La Crosse because it is within three miles of the city limits and therefore it is a part of the City's extraterritorial review process.

Recommendation of Other Boards and Commissions

The Town of Shelby approved the plat at their February 17, 2026, meeting.

The La Crosse County Board approved the plat at their March 2, 2026, meeting.

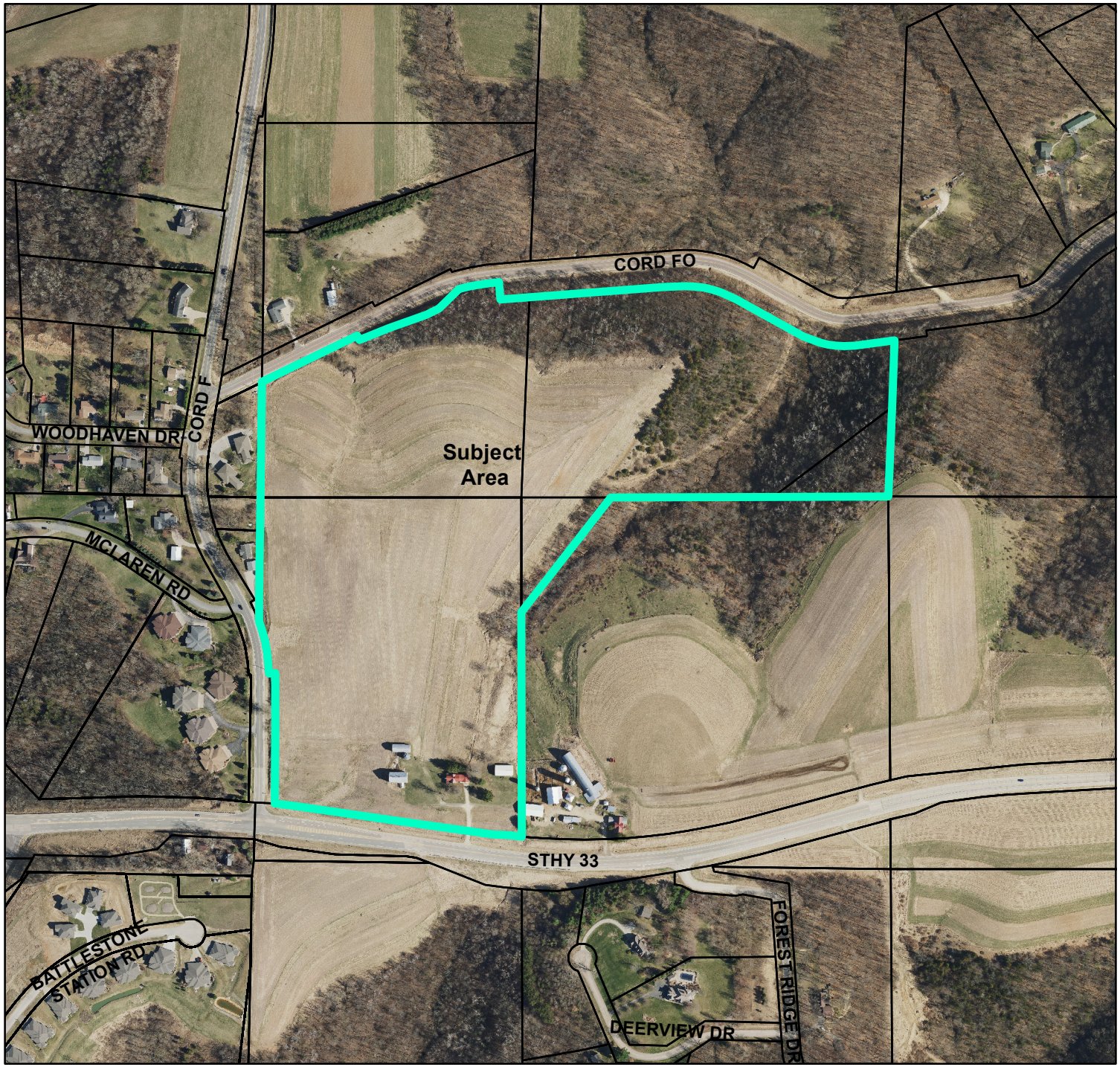
Consistency with Adopted Comprehensive Plan

N/A

Staff Recommendation

This item is recommended for approval per any conditions required by the Engineering and Fire Departments.

Routing J&A 3.31.26



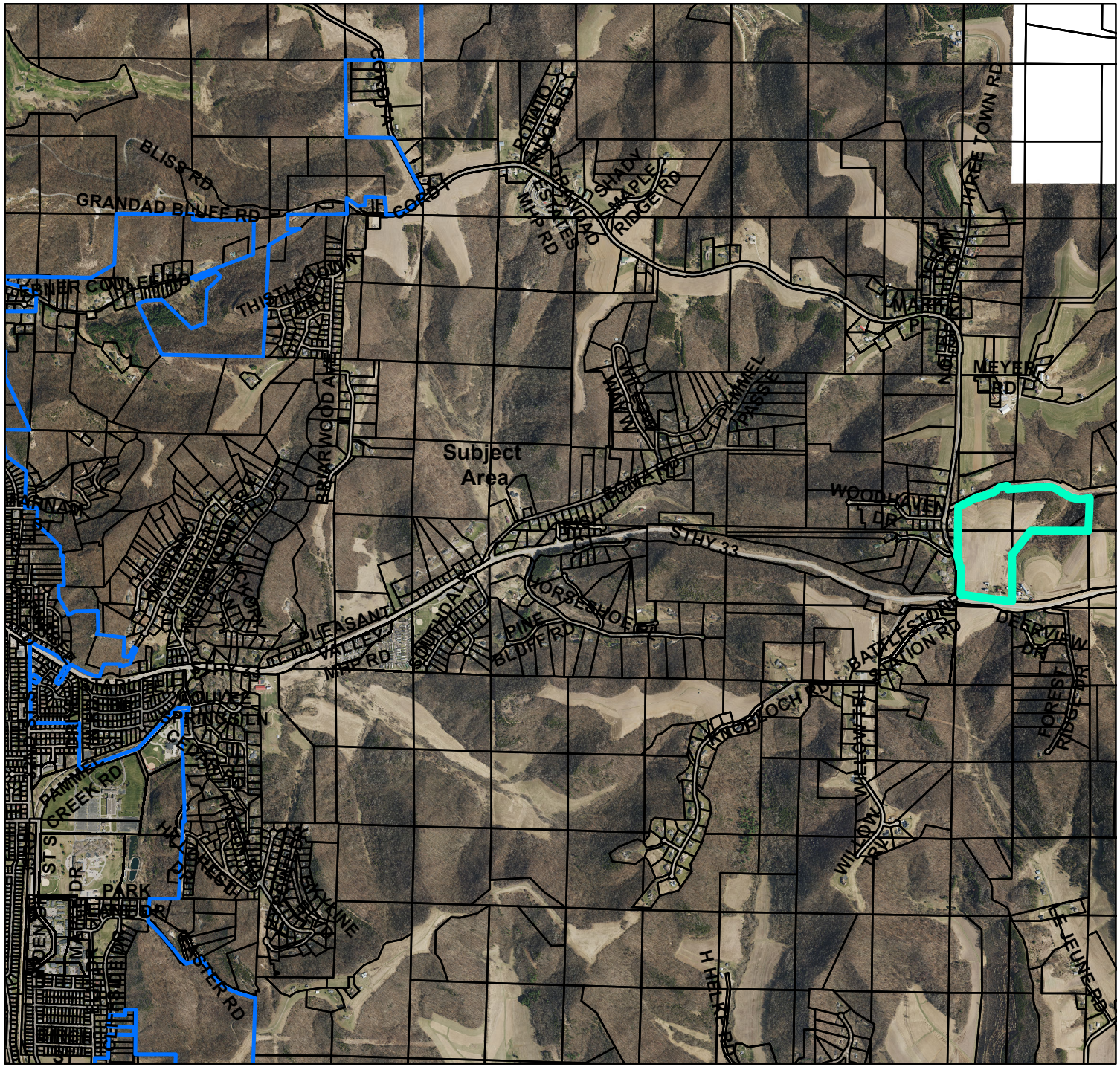
BASIC ZONING DISTRICTS

- R1 - SINGLE FAMILY
- R2 - RESIDENCE
- WR - WASHBURN RES
- R3 - SPECIAL RESIDENCE
- R4 - LOW DENSITY MULTI
- R5 - MULTIPLE DWELLING
- R6 - SPECIAL MULTIPLE
- PD- PLANNED DEVELOP
- TND - TRAD NEIGH DEV.
- C1 - LOCAL BUSINESS
- C2 - COMMERCIAL
- C3 - COMMUNITY BUSINESS
- M1 - LIGHT INDUSTRIAL
- M2 - HEAVY INDUSTRIAL
- PS - PUBLIC & SEMI-PUBLIC
- PL - PARKING LOT
- UT - PUBLIC UTILITY
- CON - CONSERVANCY
- FW - FLOODWAY
- A1 - AGRICULTURAL
- EA - EXCLUSIVE AG
- City Limits
- SUBJECT PROPERTY

0 240 480 960 Feet

City of La Crosse Planning Department - 2026

PC 26-0254 822



BASIC ZONING DISTRICTS

- R1 - SINGLE FAMILY
- R2 - RESIDENCE
- WR - WASHBURN RES
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- CON - CONSERVANCY
- FW - FLOODWAY
- A1 - AGRICULTURAL
- EA - EXCLUSIVE AG
- City Limits
- SUBJECT PROPERTY

0 1,150 2,300 4,600 Feet

City of La Crosse Planning Department - 2026

PC 26-0254 823

26-0254
CERTIFIED COPY OF RESOLUTION ADOPTED AT A REGULAR MEETING OF THE *CITY PLAN COMMISSION* OF THE CITY OF LA CROSSE, WISCONSIN

STATE OF WISCONSIN)
) ss.
County of La Crosse, City of La Crosse)

I HEREBY CERTIFY that I am the duly appointed, qualified secretary of the City Plan Commission of the City of La Crosse and State of Wisconsin; that the following is a true and correct copy of a Resolution adopted at the regular meeting of the City Plan Commission of the City of La Crosse, State of Wisconsin, held on the thirtieth day of March 2026 at four o'clock, p.m., in the Council Chambers at La Crosse City Hall, 400 La Crosse Street, in said City; and that the same has been duly recorded in the minutes of said Commission and has never been rescinded or revoked.

BE IT RESOLVED: Preliminary Plat of Featherstone Rise - Part of the Northwest 1/4 & Northeast 1/4 of the Northwest 1/4 of Section 7 and Part of the Southwest 1/4 & Southeast 1/4 of the Southwest 1/4 of Section 6, all in Township 15 North, Range 6 West, Town of Shelby, La Crosse County, Wisconsin be approved.

IN WITNESS WHEREOF, I have hereunto signed my name at La Crosse, Wisconsin, this thirtieth day of March 2026



Carly Kessler, Planning & Development Administrative Specialist
Recording Secretary, City Plan Commission
City of La Crosse, Wisconsin

City of La Crosse, Wisconsin

City Hall
400 La Crosse Street
La Crosse, WI 54601

Text File

File Number: 26-0258

Agenda Date: 4/9/2026

Version: 1

Status: Recommended to be Adopted

In Control: Common Council

File Type: Resolution

Resolution appropriating Tax Incremental District (TID) 11 funds for the design and construction of a Rectangular Rapid Flashing Beacon (RRFB) across Hwy 14/61 as part of the Wagon Wheel Trail Project.

RESOLUTION

WHEREAS, the Wagon Wheel Trail will serve as a link between La Crosse, WI and La Crescent, MN along US Highway 14 west of the Cass St/Cameron Ave Bridges to the West Channel Boat Landing via a shared use trail and separate bridge adjacent to the West Channel Bridge; and

WHEREAS, the trail has been identified as a high priority in La Crosse's Comprehensive Plan, La Crescent Bicycle and Pedestrian Master Plan, and the 2035 Coulee Regional Bicycle Plan; and

WHEREAS, the Wagon Wheel Connector Trail project is currently listed in the Adopted 2023-2027 Capital Improvement Budget as request #688; and

WHEREAS, the Planning and Development Department, on behalf of the Bicycle and Pedestrian Advisory Committee, applied for, and received, a Transportation Alternative Program grant to assist with funding of the project; and

WHEREAS, Resolution 2021-11-010 (Legistar #21-1468) supports funding the project should the City be awarded the grant; and

WHEREAS, WisDOT is requiring additional pedestrian crossing improvements across Hwy 14/61 that were not originally part of the Wagon Wheel Trail grant request and project; and

WHEREAS, the TID 11 Project Plan includes infrastructure costs related to the construction of trails, and other related improvements to facilitate pedestrian travel in and around the TID.

NOW, THEREFORE, BE IT RESOLVED by the Common Council of the City of La Crosse that the sum of $100,000 be allocated from TID 11 funds to the Wagon Wheel Trail Project.

BE IT FURTHER RESOLVED that the Directors of Finance, Public Works, Engineering, and Planning & Development Departments are hereby authorized to effectuate this resolution.

CITY OF LA CROSSE

400 La Crosse Street
La Crosse, Wisconsin 54601
(608) 789-CITY
www.cityoflacrosse.org

LEGISLATION STAFF REPORT FOR COUNCIL

File ID 26-0258

Caption Resolution appropriating Tax Incremental District (TID) 11 funds for the design and construction of a Rectangular Rapid Flashing Beacon (RRFB) across Hwy 14/61 as part of the Wagon Wheel Trail Project.

Staff/Department Responsible for Legislation

Tim Acklin, Planning & Development Department

Requestor of Legislation

Tim Acklin, Planning & Development Department

Location, if applicable

See attached Map

Summary/Purpose

Resolution approving the transfer of funding from TID 11 for the design & construction of a Rectangular Rapid Flashing Beacon (RRFB) along Hwy 14/61 as part of the Wagon Wheel Trail Project. Originally, the design included the removal of the an existing pedestrian curb ramp at the intersection of Pettibone Drive and Hwy 14/61 as there is a safer alternative (RRFB) to the north. WisDOT did not agree with the removal of the curb ramp due to the distance to the RRFB. By statute, because there is sidewalk along S Pettibone Drive and it intersects Hwy 14/61 and there is sidewalk on the other side, there must be a crosswalk and equal access should be considered. The alternative was to add an additional mid-block RRFB crossing that would provide an additional safer crossing alternative and aid in reducing pedestrian detour length. Adding an RRFB was the preferred solution by staff, especially with the anticipated redevelopment of the nearby parcels.

Background

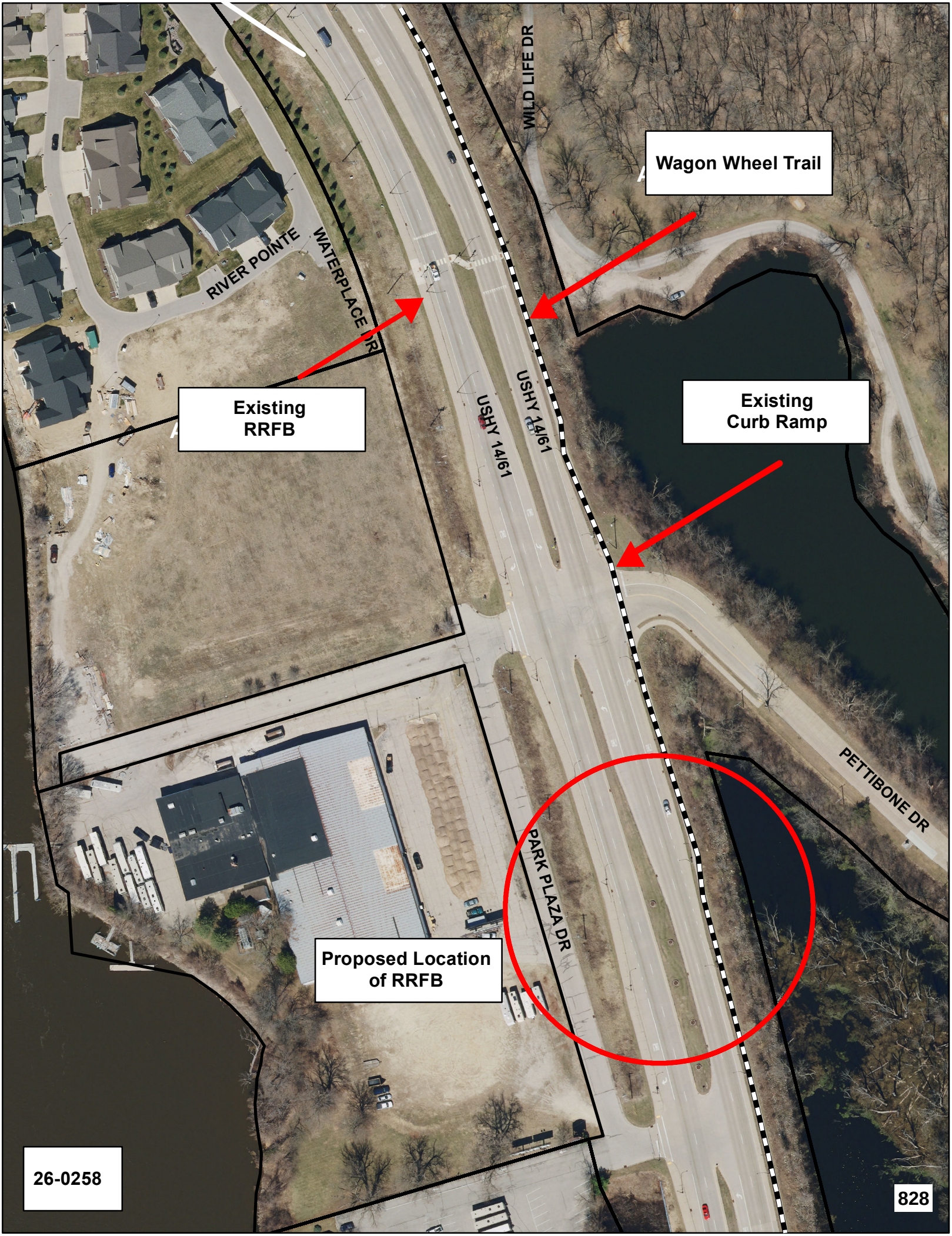
The Wagon Wheel Trail (separated bike/ped bridge and improvements to existing sidewalk) will connect the City of La Crosse to La Crescent via a shared bicycle and pedestrian path and separated bridge. The trail has been identified in several area plans as a high priority to link La Crosse's bicycle and pedestrian network with La Crescent's. The City applied for a grant from the WisDOT Transportation Alternatives Grant Program and was awarded approximately $4million for construction. Construction will occur in 2026/2027. Since site and bridge design began in 2023 additional funding is needed for environmental and endangered species surveys and species removal that we were unable to identify until after the project had started. Additionally, since 2023 building material/construction costs have also increased. Funding was also requested in the 2024, 2025, 2026, & 2027 CIP Budgets.

Fiscal Impact

Utilizing funding from TID 11 will reduce requests for GO funding from the Capital Budget.

Staff Recommendation

APPROVAL- Planning staff is consistently working on applying for grants to minimize the fiscal impact to the City. Currently the city has $4million in grant funding for the project.


WILD LIFE DR
Wagon Wheel Trail
RIVER POINTE
WATERPLACE DR
Existing
RRFB
USHY 14/61
USHY 14/61
Existing
Curb Ramp
PETTIBONE DR
PARK PLAZA DR
Proposed Location
of RRFB
26-0258
828

City of La Crosse, Wisconsin

City Hall
400 La Crosse Street
La Crosse, WI 54601

Text File

File Number: 26-0289

Agenda Date: 4/9/2026

Version: 1

Status: Recommended to be Adopted

In Control: Common Council

File Type: Resolution

Resolution regarding the administration and financial maintenance of American Rescue Plan Act (ARPA) funds received by the City.

RESOLUTION

WHEREAS, the City of La Crosse received and accepted an allocation from the US Treasury for ARPA funds in 2021; and

WHEREAS, the US Treasury required these funds to be allocated and obligated by December 31, 2024, and the City of La Crosse fulfilled this deadline; and

WHEREAS, the deadline to fully expend these funds is December 31, 2026; and

WHEREAS, certain APRA approved projects were completed under budget, and/or are projected to be completed under budget; and

WHEREAS, the US Treasury allows for reallocating these funds prior to the December 31, 2026 deadline if the specific ARPA guidelines are met; and

WHEREAS, City staff has consulted with Baker Tilly on the reallocation guidelines, process and appropriateness of this plan; and

WHEREAS, the Common Council previously approved the use of the ARPA Interest Funds for the Airport Fire Truck (Resolution 24-1255) in the amount of $63,094.62 and a portion of the Zoning Code Update (Resolution 24-0403) in the amount of $33,656.30.

THEREFORE, BE IT RESOLVED, the Common Council of the City of La Crosse approves reallocating the following amounts from approved projects:

- $7,291.83 from the Consolidated Community Development Block Grant Plan project (Resolution 23-1375)
- $200,000 from The Parenting Place's Child Care project (Resolutions 22-0805, 23-0690, and 24-0855)
- $10,750 from the North La Crosse Business Association (NLBA) project (Resolution 24-1010)
- $40,000 from the Floodplain Grant project (Resolution 23-0451)
- $765 from Garage Vents project (Resolution 24-1371)

To

- ARPA Interest Funds ($96,750.92)
- Zoning Code Update project ($57,880.50) which will return the $57,880.50 to the original source of funding which was 2020 Budget Carryover for the Comprehensive Plan project expenses incurred in 2022 and 2023
- ARPA Administrative Expenses and/or Provision of Government Services ($104,175.41)

BE IT FURTHER RESOLVED, the balance of funds allocated for the Zoning Code Update project and Airport Fire Truck project from ARPA Interest Funds will be reallocated to Non-Lost Revenue ARPA funds.

BE IT FUTHER RESOLVED, the Common Council approves the attached amendment updating the budget of the current contract with The Parenting Place related to Resolution 24-0855.

BE IT FURTHER RESOLVED, the Common Council approves extending the timeline to June 30, 2026 for the NLBA project related to Resolution 24-1010.

BE IT FURTHER RESOLVED, the mayor and all appropriate City staff are authorized to effectuate this resolution.

First Amendment to Child Care ARPA Agreement for Years 3-4+ with The Parenting Place

---

This "First Amendment" is made and entered into between The Parenting Place ("Subrecipient") and the City of La Crosse, Wisconsin ("City").

Recitals

WHEREAS, the City made and entered an agreement with Subrecipient on the 16th day of July 2024 to facilitate the first two years of a multi-year comprehensive initiative to improving the wholistic childcare industry for all in the City of La Crosse: children, parents, providers, childcare employees, and community stakeholders; and

WHEREAS, the Subrecipient requests an amended budget and an overall reduction of $200,000 to the contracted amount; and

WHEREAS, the parties desire to replace the "Budget" section in "Attachment A" provided in the original agreement with the "Budget" section found in this amendment; and

WHEREAS, the parties desire to amend the agreements herein, and adhere to the funding structure it delineates.

Agreement

NOW THEREFORE, the City and Subrecipient agree to amend the agreements herein to reflect the new "Budget" Section, reduce the contracted amount to $1,020,000 and adhere to the funding structure it delineates.

IN WITNESS WHEREOF, this First Amendment is executed as of the date it is signed by both Subrecipient and City.

SUBRECIPIENT:
The Parenting Place

By:_____
Jodi Widuch, Executive Director

Dated:_____

CITY:
The City of La Crosse, WI

By:_____
Shaundel Washington-Spivey, Mayor

Dated:_____

Budget

Staff Benefits & Compensation	$228,758	Staff to implement program 8/1/2024 – 12/31/2026 (includes wages and benefits for 1 FTE Coordinator position, limited data work and supervision/support)
Occupancy	$18,721	Rent, communications, cleaning, depreciation
General Program Operations	$19,502	Office supplies, copying/printing, postage, program supplies, dues/fees, risk insurance, audit
Mileage Reimbursement	$3,785	Anticipated mileage reimbursement travel to providers, businesses, meetings
Professional Development	$5,176	Training to increase skills and knowledge of staff
Administrative Compensation	$28,124	Administrative and back-office support
Total Implementation	**$304,066**	
Financial Support to facilitate workforce recruitment	$100,000	Grants to bring child care centers back to full capacity and maintain full capacity
	$25,000	Professional Development Support
	$69,052	Onboarding and mentorship programs
Start-up, Expansion & Facility Retention Grants	$434,750	Grants to support new businesses or expanding capacity of existing business and improvement of existing businesses to maintain regulation standards
Supports to Businesses	$219,000	Stipends to businesses to support employee child care cost
	$40,500	Stipends to support employee “off-boarding” plan
Marketing Campaign	$54,558	To promote child care as a profession, importance of child care & sustainability of successful projects
August 1, 2024 to December 31, 2026 Project Cost	**$1,246,926**	

CITY OF LA CROSSE

400 La Crosse Street
La Crosse, Wisconsin 54601
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www.cityoflacrosse.org

LEGISLATION STAFF REPORT FOR COUNCIL

File ID: 26-0289

Caption: Resolution regarding the administration and financial maintenance of American Rescue Plan Act (ARPA) funds received by the City.

Staff/Department Responsible for Legislation

Julie Emslie, Planning Dept working in collaboration with Finance Dept

Requestor of Legislation

Planning & Finance Departments

Location, if applicable

NA

Summary/Purpose

A handful of ARPA-funded projects have come in, or are projected to come in, under budget. This resolution seeks to reallocate those funds.
It will move ARPA eligible projects that were funded by ARPA Interest funds to be paid for with ARPA Non-Lost Revenue funds, and in turn replenish the ARPA Interest Funds account with any funds that were utilized.
It will add more funds to the General Fund account by reimbursing Budget Carryover funds.
It will also allow for operational expenses related to ARPA to be paid for with ARPA funds, and the remainder to be applied to allowable expenses in compliance with ARPA's "Provision of Government Services".
It will approve a budget amendment to the relevant The Parenting Place contract and provide an 8-month extension to the timeline for the North La Crosse Business Association project.

Background

The US Treasury is very limiting in how these funds can be redistributed. Working within the US Treasury guidelines, and with assistance from Baker Tilly, staff's intent has been to reallocate funds so that more funding is made available in sources with a lesser amount of restrictions and/or are to the most financial benefit to the City.

Fiscal Impact

An increase of $97,000 to ARPA Interest Funds; $58,000 to the General Fund; and $104,000 to ARPA Administrative Expenses and allowable expenses related to "Government Services"

Staff Recommendation

Approval

City of La Crosse, Wisconsin

City Hall
400 La Crosse Street
La Crosse, WI 54601

Text File

File Number: 26-0301

Agenda Date: 4/9/2026

Version: 1

Status: Recommended to be Adopted

In Control: Common Council

File Type: Resolution

Resolution approving the carryover of unexpended appropriations for the Arts Board from the 2025 Operating Budget to the 2026 Operating Budget.

RESOLUTION

WHEREAS Section 2-324 (e) of the Code of Ordinances provides for departments to carry over any unexpended funds that were appropriated in the annual operating budget; and

WHEREAS, the Arts Board had unexpended funds of $6,448.00 for the 2025 Operating budget; and

NOW, THEREFORE, BE IT RESOLVED by the Common Council of the City of La Crosse that it hereby approves the operating budget for unexpended appropriations from the 2025 Operating Budget to be carried forward into the 2026 Operating Budget in the amount of $6,448.00 for the Arts Board.

BE IT FURTHER RESOLVED that the Common Council of the City of La Crosse hereby approves 2025 year- end budget adjustments for department cost overruns for the City of La Crosse Arts Board.

BE IT FURTHER RESOLVED that the Director of Finance is hereby authorized to take any and all steps necessary to effectuate this resolution.

CITY OF LA CROSSE

400 La Crosse Street
La Crosse, Wisconsin 54601
(608) 789-CITY
www.cityoflacrosse.org

LEGISLATION STAFF REPORT FOR COUNCIL

File ID: 26-0301

Caption: Resolution approving the carryover of unexpended appropriations for the Arts Board from the 2025 Ope

Staff/Department Responsible for Legislation

Arts Board

Requestor of Legislation

Council President Dickinson

Location, if applicable

n/a

Summary/Purpose

To approve and aquire the unexpended funds from the Arts Board 2025 Operating Budget which amounted in $6,448.00.

Background

A special project in the amount of $10,000 was approved at the May 2025 Arts Board meeting for a mural on the La Crosse Public Library. Approval was for a deposit of $2,500 to be disbursed immediately and remaining amount upon completion. A mural design requires several months before final application of the painting to the building. This agreement began in 2025, and the money was designated, through the Arts Board, but cannot be paid until completion of project in 2026.

Fiscal Impact

Will result in the reduction of the 2025 City Operating carryover amount.

Staff Recommendation

City of La Crosse, Wisconsin

City Hall
400 La Crosse Street
La Crosse, WI 54601

Text File

File Number: 26-0144

Agenda Date: 4/9/2026

Version: 1

Status: Recommended to be Re-referred

In Control: Common Council

File Type: Plat/Certified Survey Map

Agenda Number:

CITY OF LA CROSSE, WISCONSIN
CERTIFIED SURVEY MAP SUBMITTAL & REVIEW CHECK LIST

Rev. 1/2021

X CSM located in Extra-Territorial Jurisdiction (Council Approval Required) with request for Right-of-Way designation + Waiver of Plat. Requirements

_____ CSM located in the City (Department Review Only)

Extra-Territorial Review: BEFORE FILING WITH THE CITY, you must have both Town and County approvals. The Plan Commission may not consider any land division which did not have prior approval by the approving authorities for both the Town(s) and La Crosse County.

Town Board Approved: _____ (date) La Crosse County Approved: _____ (date)

To be completed by property owner/surveyor with submittal (*incomplete checklist may cause a delay in the review):

Current Tax Parcel Number(s): 17-50298-32

Map ID / Location: 2415 State Road

Surveyor: ISG Phone No. 608-789-2034

Property Owner: MKB Copper Rocks, LLC Phone No. 608-782-7368

***circle who should be called when CSM is ready for pick up.*

I am the property owner of record, and I approve of this CSM: _____
(property owner signature)

**In lieu of owner's signature on this submittal checklist, you may provide written communication from property owner.*

Purpose of CSM and intended outcome (or attach a letter explaining): _____

As part of the redevelopment, the existing site will be subdivided into four separate parcels. MKB Copper Rocks, LLC and Three Sixty are requesting that the requirement for a subdivision plat per ~~section 113-9 of the City of La Crosse Municipal Code of Ordinances be waived allowing for the use~~ of a Certified Survey Map (CSM) to divide the existing lot as part of the PDD process.

Have you worked with any other Department/staff person with regard to this CSM? If so, who?

~~Previously worked with planning staff on the site rezoning and CSM.~~

Have you received any other decision with regard to this CSM from any City board, commission or committee?

If so, which one and when? _____

It was approved 4 years ago by Plan Commission, J & A and city council when the property was rezoned for PDD in 2022.

To be completed by City Clerk at time of filing:

2/9/2026 Original Document for Signature. *(Clerk will make a photocopy which is distributed for review.)*

2/16/2026 Review Fee *(cash, check payable to City Treasurer or credit card with convenience fee)*

$300 ~~$200.00~~ – First Application

$150 ~~$100.00~~ – Reapplication of the same CSM

_____ Internal Review Routing & Email to County Surveyor. *(Initiated by Clerk with complete filing.)*

_____ Original CSM Issued. *(Upon approval, the original will be signed and available for pick up.)*

To be completed by each Reviewing Department before the City Clerk will sign.

BUILDING AND INSPECTIONS APPROVAL

This Certified Survey Map is hereby approved by the Chief Inspector.

Dated this _____ day of _____, 20___.

_____ Chief Inspector

Comments: _____

CITY UTILITIES (WATER – STORM – SEWER) APPROVAL

This Certified Survey Map is hereby approved by the City Utilities Office.

Dated this _____ day of _____, 20___.

Water ☐ Storm ☐ Sewer ☐

_____ Utilities Office

Comments: _____

ASSESSOR APPROVAL

This Certified Survey Map is hereby approved by the Assessor.

Dated this _____ day of _____, 20___.

_____ Assessor

Comments: _____

ENGINEERING DEPARTMENT APPROVAL

This Certified Survey Map is hereby approved by the City Surveyor.

Dated this _____ day of _____, 20__.

_____ Engineering/Surveyor

Comments: _____

PLANNING DEPARTMENT APPROVAL

This Certified Survey Map is hereby approved by the Planning Department.

Dated this _____ day of _____, 20__.

_____ Planner

Comments: _____

COMMON COUNCIL APPROVAL, if required

Resolved that this Certified Survey Map is hereby approved by the Common Council of the City of La Crosse.

Dated this _____ day of _____, 20__.

_____

Mayor *(required only if signing off prior to expiration of veto period)*

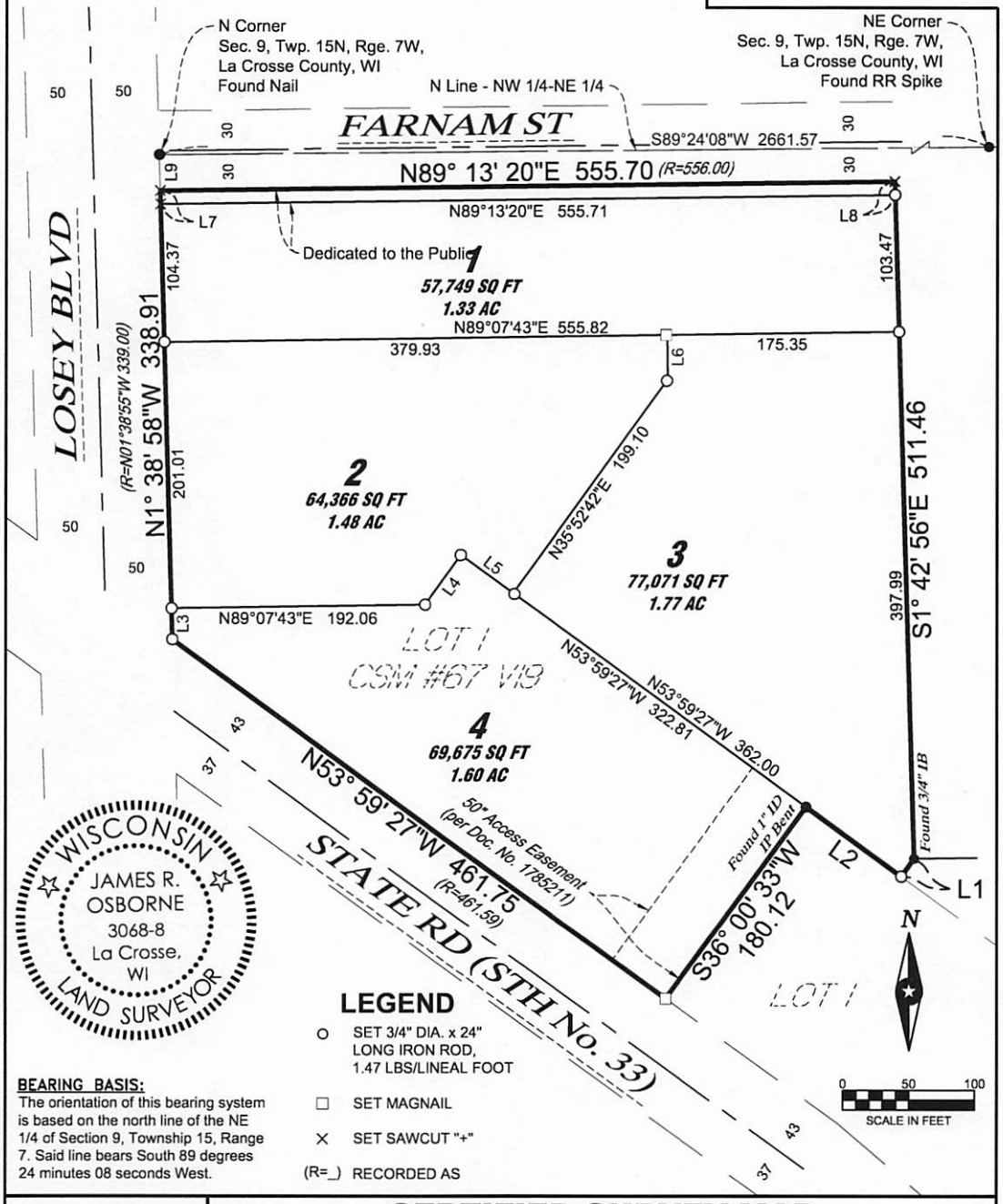
I hereby certify that the foregoing is a copy of a resolution adopted by the Common Council of the City of La Crosse.

Dated this _____ day of _____, 20__.

_____ City Clerk

CERTIFIED SURVEY MAP

LOT 1, CERTIFIED SURVEY MAP NUMBER 67, VOLUME 19, DOCUMENT NUMBER 1761262, LOCATED IN THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 9 , TOWNSHIP 15 NORTH, RANGE 7 WEST, CITY OF LA CROSSE, LA CROSSE COUNTY, WISCONSIN.



WISCONSIN
JAMES R. OSBORNE
3068-8
La Crosse, WI
LAND SURVEYOR

LEGEND

- ○ SET 3/4" DIA. x 24" LONG IRON ROD, 1.47 LBS/LINEAL FOOT
- □ SET MAGNAIL
- × SET SAWCUT "+"
- (R=_) RECORDED AS

BEARING BASIS:
The orientation of this bearing system is based on the north line of the NE 1/4 of Section 9, Township 15, Range 7. Said line bears South 89 degrees 24 minutes 08 seconds West.

ISG

THIS DOCUMENT IS THE PROPERTY OF I+S GROUP, INC. THEY MAY NOT BE USED, COPIED OR DUPLICATED WITHOUT PRIOR WRITTEN CONSENT

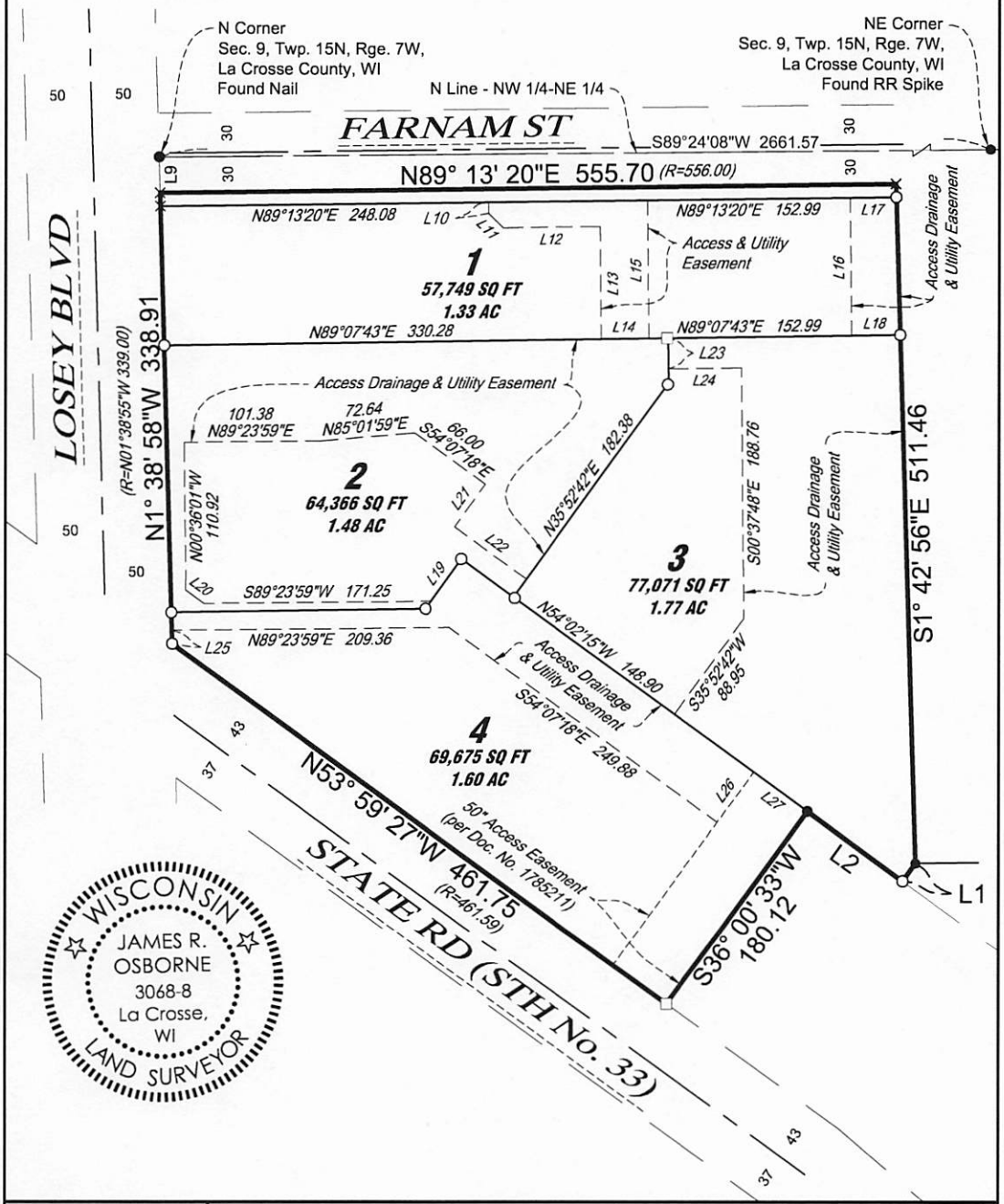
CERTIFIED SURVEY MAP

PROJECT NO.:	21-25290
FILE NAME:	25290 CSM
DRAWN BY:	JRO
REVISED:	

SHEET 1 OF 3 SHEETS

CERTIFIED SURVEY MAP

LOT 1, CERTIFIED SURVEY MAP NUMBER 67, VOLUME 19, DOCUMENT NUMBER 1761262, LOCATED IN THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 9 , TOWNSHIP 15 NORTH, RANGE 7 WEST, CITY OF LA CROSSE, LA CROSSE COUNTY, WISCONSIN.



WISCONSIN
JAMES R. OSBORNE
3068-8
La Crosse, WI
LAND SURVEYOR

ISG

THIS DOCUMENT IS THE PROPERTY OF ISG GROUP, INC. THEY MAY NOT BE USED, COPIED OR DUPLICATED WITHOUT PRIOR WRITTEN CONSENT

CERTIFIED SURVEY MAP

PROJECT NO.:	21-25290
FILE NAME:	25290 CSM
DRAWN BY:	JRO
REVISED:	

SHEET 2 OF 3 SHEETS

CERTIFIED SURVEY MAP

LOT 1, CERTIFIED SURVEY MAP NUMBER 67, VOLUME 19, DOCUMENT NUMBER 1761262, LOCATED IN THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 9, TOWNSHIP 15 NORTH, RANGE 7 WEST, CITY OF LA CROSSE, LA CROSSE COUNTY, WISCONSIN.

LAND DESCRIPTION:

Lot 1 of Certified Survey Map Number 67, Volume 19, Document Number 1761262 located in the Northwest Quarter of the Northeast Quarter of Section 9, Township 15 North, Range 7 West, City of La Crosse, La Crosse County, Wisconsin.

CERTIFICATION:

I, James R. Osborne, Professional Land Surveyor, hereby certify that I have surveyed and mapped the lands described hereon, and that this map is a representation thereof, to the best of my knowledge and that I have complied with Chapter 236.34 of the Wisconsin State Statutes as per agreement with MKB Copper Rocks LLC who has requested such survey.

CITY OF LA CROSSE APPROVAL CERTIFICATE

Resolved that this Certified Survey Map is hereby approved by the City of La Crosse.

Dated this_____day of _____, 20__.

_____
City Clerk

OWNERS CERTIFICATE

As owner, I hereby certify that I caused the land described herein to be surveyed, divided, mapped and dedicated as represented on the Certified Survey Map. I also certify that this Certified Survey Map is required to be submitted to the following for approval, the City of La Crosse.

Dated this_____day of _____, 20__.

_____
Name Title

State of Wisconsin)
County of _____) SS
Personally came before me this _____ day of _____, 20__, the above named Owner to me known to be the same person who executed the foregoing instrument and acknowledged the same.

(Notary Seal)_____ Notary Public, _____ County, Wisconsin
My commission expires:_____

NOTE: Field work was completed on February 21, 2022.

WISCONSIN
JAMES R. OSBORNE
3068-8
La Crosse, WI
LAND SURVEYOR

LINE TABLE

LINE #	LENGTH	DIRECTION
L1	16.41	S36°00'33"W
L2	89.18	N53°59'27"W
L3	23.52	N1°38'58"W
L4	46.23	N35°36'26"E
L5	48.83	S53°59'27"E
L6	33.59	N0°52'17"W
L7	10.00	N1°38'58"W
L8	10.00	S1°42'56"E
L9	26.95	S1°38'58"E
L10	8.26	S0°36'01"E
L11	15.36	S45°36'01"E
L12	73.25	N89°23'59"E
L13	84.45	S0°36'01"E
L14	35.75	N89°07'43"E
L15	103.76	N0°36'01"W
L16	103.51	N0°36'01"W
L17	34.77	N89°13'20"E
L18	36.79	N89°07'43"E
L19	39.17	S35°36'26"W
L20	17.18	N54°07'18"W
L21	39.36	S35°52'42"W
L22	67.01	S54°07'18"E
L23	22.80	S0°52'17"E
L24	55.00	N89°23'59"E
L25	10.13	N1°38'58"W
L26	46.68	N36°00'33"E
L27	50.00	S53°59'27"E

ISG

THIS DOCUMENT IS THE PROPERTY OF ISG GROUP, INC. THEY MAY NOT BE USED, COPIED OR DUPLICATED WITHOUT PRIOR WRITTEN CONSENT

CERTIFIED SURVEY MAP

PROJECT NO.:	21-25290
FILE NAME:	25290 CSM
DRAWN BY:	JRO
REVISED:	

SHEET 3 OF 3 SHEETS

Memorandum

Copper Rocks Waiver Request

To:	City of La Crosse Common Council
Date:	February 6, 2026
Subject:	Copper Rocks Waiver Request

MKB Copper Rocks, LLC (MKB) and Three Sixty Real Estate Solutions, LLC (Three Sixty) are working on a joint venture agreement to develop the former “Kmart” Site located at 2415 State Road, La Crosse. The proposed “Copper Rocks” project will consist of two townhome buildings and three mixed-use buildings. As part of the project, the existing lot will be subdivided into 4 separate parcels and a rezoning request to Planned Development District (PDD) will be made. MKB and Three Sixty are requesting a waiver of the requirement of a subdivision plat per 113-09, Waiver of Requirements, and request to use a Certified Survey Map in its place.

Office of City Clerk

February 17, 2026

MKB COPPER ROCKS LLC
C/O KIRK STOA
3800 EMERALD DR E
ONALASKA WI 54650

JAMES OSBORNE, SURVEYOR
201 MAIN ST, STE 1020
LA CROSSE WI 54601

Re: Certified Survey Map

We are in receipt of the *Certified Survey Map - Lot 1, Certified Survey Map Number 67, Volume 19, Document Number 1761262, Located in the Northwest Quarter of the Northeast Quarter of Section 9, Township 15 North, Range 7 West, City of La Crosse, La Crosse County, Wisconsin and request for dedication of right-of-way and waiver of platting requirements.*

The CSM will be considered at the following meetings:

City Plan Commission	**Monday, March 2, 2026 at 4:00 p.m.** **Council Chambers, City Hall – first floor**
Judiciary & Administration Committee	**Tuesday, March 3, 2026, at 6:00 p.m.** **Council Chambers, City Hall – first floor**
Common Council	**Thursday, March 12, 2026 at 6:00 p.m.** **Council Chambers, City Hall – first floor**

We recommend someone attend the CPC and J&A meetings where public hearing is allowed; there may be questions or comments from a committee or council member or another citizen. Public hearing is not allowed at the Council meeting, although you are welcome to attend. The CSM will appear on the agendas as file 26-0144 (the associated rezoning petition is file 26-0143 and is also scheduled for the meetings above).

Attendance at the meetings is allowed either in person or virtually. I will also be sending an email with the links to the agenda and Zoom meeting. If you have any questions, comments, or concerns; do not hesitate to contact me.

Sincerely,

Sondra Craig

Sondra Craig, Deputy City Clerk
(608) 789-7549
craigs@cityoflacrosse.org

Craig, Sondra

From: Reinhart, David
Sent: Tuesday, February 17, 2026 10:18 AM
To: Craig, Sondra
Subject: RE: For Review: CSM - 2415 State Road (Copper Rocks)

Sondra,

B&I cannot approve until the existing building is removed and the zoning approved.

Thanks,

David Reinhart
Chief Building Inspector
Building & Inspections
400 La Crosse St., La Crosse, WI 54601
Office: 608-789-7564

From: Craig, Sondra <craigs@cityoflacrosse.org>
Sent: Tuesday, February 17, 2026 9:35 AM
To: Hewitt, Dale <DHewitt@lacrossecounty.org>; Meyer, Bryan <bmeyer@lacrossecounty.org>; Acklin, Tim <Acklint@cityoflacrosse.org>; Asp, Brian <aspb@cityoflacrosse.org>; Coman, Kyle <comank@cityoflacrosse.org>; Crandall, Jay <CrandallJ@cityoflacrosse.org>; Erickson, Tina <ericksont@cityoflacrosse.org>; Gallager, Matthew <gallagerm@cityoflacrosse.org>; Holland, Michelle <hollandm@cityoflacrosse.org>; Neumann, Shannon <Neumanns@cityoflacrosse.org>; Reinhart, David <Reinhartd@cityoflacrosse.org>; Trane, Andrea <tranea@cityoflacrosse.org>
Subject: For Review: CSM - 2415 State Road (Copper Rocks)

Good morning,

Attached for your review is a CSM for 2415 State Road. They are requesting a waiver of City platting requirements and dedicating public right-of-way, so this will be routed through Council for approval as well as your review (March meetings). Waiver request is attached just for additional information, if needed for some of you.

Please let me know if you approve or have any comments that I can pass on to the owner/surveyor.

Thank you,

SONDRA CRAIG, WCMC (she/her)
Deputy City Clerk
City Clerk's Office
City of La Crosse
400 La Crosse Street
La Crosse WI 54601

craigs@cityoflacrosse.org

Direct: 608.789.7549 | Office: 608.789.7510
Visit the City Clerk webpage: https://www.cityoflacrosse.org/your-government/departments/city-clerk

City Clerk's Office hours:
8:00 a.m. to 4:30 p.m., Monday through Thursday
8:00 a.m. to 2:00 p.m., Friday
Public Service (walk in) hours 8:00 a.m. to 4:00 p.m. Monday through Thursday & 8:00 a.m. to 12:00 p.m. on Friday in the City Hall Lobby

Agenda Item 26-0144 (Tim Acklin)

Certified Survey Map - Lot 1, Certified Survey Map Number 67, Volume 19, Document Number 1761262, Located in the Northwest Quarter of the Northeast Quarter of Section 9, Township 15 North, Range 7 West, City of La Crosse, La Crosse County, Wisconsin and request for dedication of right-of-way and waiver of platting requirements.

General Location

Council District 17 in the Bluffside Neighborhood Association. Located at the NE corner of the intersection of State Rd and Losey Blvd as depicted on attached Map PC26-0144. The property was the former K-Mart site. The property is surrounded by residential to the north and east, and commercial uses to the west and south.

Background Information

This item is also related to agenda item #26-0143.

The subject CSM is part of the Copper Rocks Development. The applicant it requesting to subdivide the existing lot the former KMart building was located on into four separate parcels as part of the proposed, new development. The new development consists of five buildings that include three multi-story, mixed-use buildings and two townhome buildings. The townhome buildings are proposed to be located on one of the lots and each of the other three buildings will each be located on the other three.

Subdividing the parcel in this way will likely require drainage, utility and access agreements as part of the final approval of the CSM.

Recommendation of Other Boards and Commissions N/A

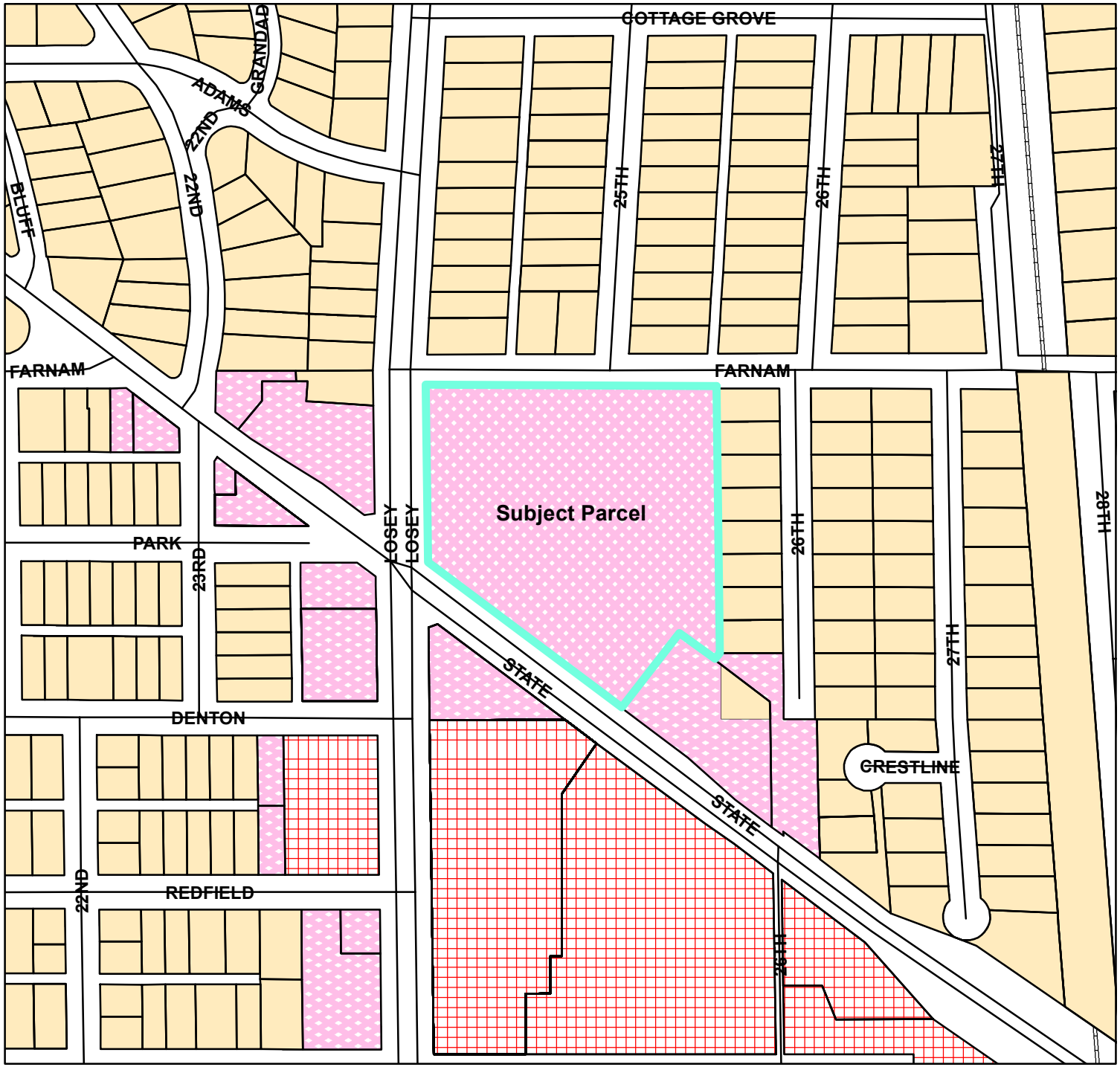
Consistency with Adopted Comprehensive Plan

This item is part of the Copper Rocks Development. The subject property is located within the State Road Corridor (C-5) in the Land Use component of the Comprehensive Plan. The plan states that future land uses within the State Road corridor should focus on developing a mix of medium-high density residential and commercial uses that are accessible via multiple modes of transportation. The proposed development could be considered both High Density Residential and Low-Intensity Mixed-Use which are both “Desirable” land uses in this corridor making it consistent with the Comprehensive Plan.

Staff Recommendation

Since submittal of this item staff have been made aware by the applicant’s design team that the submitted CSM was not the current version. As of February 25, 2026, an updated CSM had not been submitted to staff for review. **Until staff has the correct information to review this item is recommended for referral to the April cycle.**

Routing J&A 3.03.26



BASIC ZONING DISTRICTS

- R1 - SINGLE FAMILY
- R2 - RESIDENCE
- WR - WASHBURN RES
- R3 - SPECIAL RESIDENCE
- R4 - LOW DENSITY MULTI
- R5 - MULTIPLE DWELLING
- R6 - SPECIAL MULTIPLE
- PD- PLANNED DEVELOP
- TND - TRAD NEIGH DEV.
- C1 - LOCAL BUSINESS
- C2 - COMMERCIAL
- C3 - COMMUNITY BUSINESS
- M1 - LIGHT INDUSTRIAL
- M2 - HEAVY INDUSTRIAL
- PS - PUBLIC & SEMI-PUBLIC
- PL - PARKING LOT
- UT - PUBLIC UTILITY
- CON - CONSERVANCY
- FW - FLOODWAY
- A1 - AGRICULTURAL
- EA - EXCLUSIVE AG
- City Limits
- SUBJECT PROPERTY

0 130 260 520 Feet

City of La Crosse Planning Department - 2026

PC 26-0143
PC 26-0144

849



BASIC ZONING DISTRICTS

- R1 - SINGLE FAMILY
- R2 - RESIDENCE
- WR - WASHBURN RES
- R3 - SPECIAL RESIDENCE
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- City Limits
- SUBJECT PROPERTY

0 130 260 520 Feet

City of La Crosse Planning Department - 2026

PC 26-0143
PC 26-0144

850

26-0144
CERTIFIED COPY OF RESOLUTION ADOPTED AT A REGULAR MEETING OF THE *CITY PLAN COMMISSION* OF THE CITY OF LA CROSSE, WISCONSIN

STATE OF WISCONSIN)
) ss.
County of La Crosse, City of La Crosse)

I HEREBY CERTIFY that I am the duly appointed, qualified secretary of the City Plan Commission of the City of La Crosse and State of Wisconsin; that the following is a true and correct copy of a Resolution adopted at the regular meeting of the City Plan Commission of the City of La Crosse, State of Wisconsin, held on the second day of March 2026 at four o'clock, p.m., in the Council Chambers at La Crosse City Hall, 400 La Crosse Street, in said City; and that the same has been duly recorded in the minutes of said Commission and has never been rescinded or revoked.

BE IT RESOLVED: Certified Survey Map - Lot 1, Certified Survey Map Number 67, Volume 19, Document Number 1761262, Located in the Northwest Quarter of the Northeast Quarter of Section 9, Township 15 North, Range 7 West, City of La Crosse, La Crosse County, Wisconsin and request for dedication of right-of-way and waiver of platting requirements be referred for 30 days.

IN WITNESS WHEREOF, I have hereunto signed my name at La Crosse, Wisconsin, the second day of March 2026.



Carly Kessler, Planning & Development Administrative Specialist
Recording Secretary, City Plan Commission
City of La Crosse, Wisconsin

Agenda Item 26-0144 (Tim Acklin)

Certified Survey Map - Lot 1, Certified Survey Map Number 67, Volume 19, Document Number 1761262, Located in the Northwest Quarter of the Northeast Quarter of Section 9, Township 15 North, Range 7 West, City of La Crosse, La Crosse County, Wisconsin and request for dedication of right-of-way and waiver of platting requirements.

General Location

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Background Information

The subject CSM is part of the Copper Rocks Development. The applicant is requesting to subdivide the existing lot the former KMart building was located on into four separate parcels as part of the proposed, new development. The new development consists of five buildings that include three multi-story, mixed-use buildings and two townhome buildings. The townhome buildings are proposed to be located on one of the lots and each of the other three buildings will each be located on the other three.

Subdividing the parcel in this way will likely require drainage, utility and access agreements as part of the final approval of the CSM.

Recommendation of Other Boards and Commissions

This item was referred to the April 2026 legislative cycle by the Common Council at their March 2026 meeting.

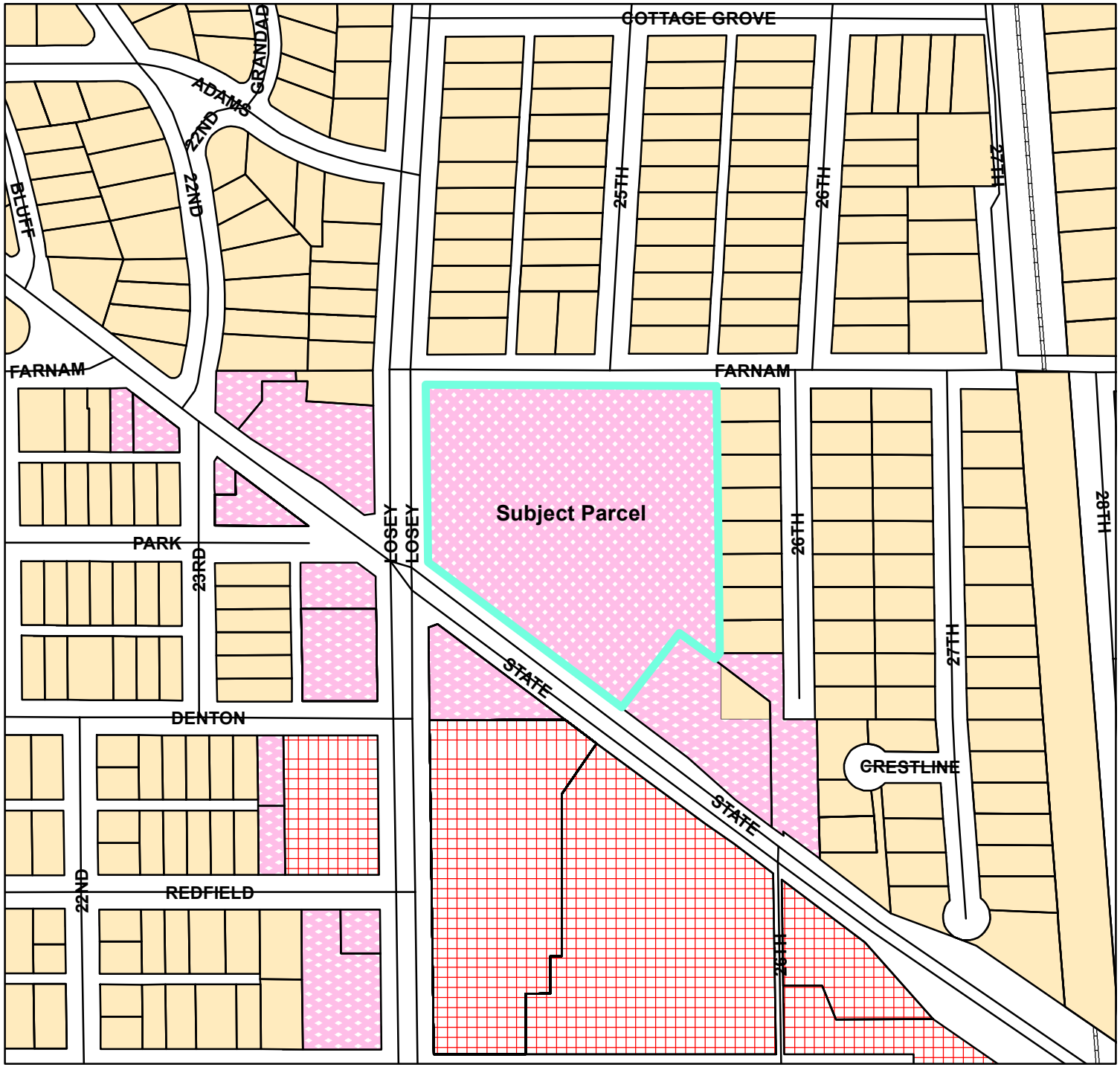
Consistency with Adopted Comprehensive Plan

This item is part of the Copper Rocks Development. The subject property is located within the State Road Corridor (C-5) in the Land Use component of the Comprehensive Plan. The plan states that future land uses within the State Road corridor should focus on developing a mix of medium-high density residential and commercial uses that are accessible via multiple modes of transportation. The proposed development could be considered both High Density Residential and Low-Intensity Mixed-Use which are both “Desirable” land uses in this corridor making it consistent with the Comprehensive Plan.

Staff Recommendation

A final CSM still has not been submitted to staff for review as the applicant is currently working with staff on its finalization. It is anticipated that it will be completed and ready for the May 2026 legislative cycle. **This item is recommended for referral to the May cycle.**

Routing J&A 3.03.26



BASIC ZONING DISTRICTS

- R1 - SINGLE FAMILY
- R2 - RESIDENCE
- WR - WASHBURN RES
- R3 - SPECIAL RESIDENCE
- R4 - LOW DENSITY MULTI
- R5 - MULTIPLE DWELLING
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- CON - CONSERVANCY
- FW - FLOODWAY
- A1 - AGRICULTURAL
- EA - EXCLUSIVE AG
- City Limits
- SUBJECT PROPERTY

N W E S

0 130 260 520 Feet

City of La Crosse Planning Department - 2026

PC 26-0144

853



BASIC ZONING DISTRICTS

- R1 - SINGLE FAMILY
- R2 - RESIDENCE
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- SUBJECT PROPERTY

0 130 260 520 Feet

City of La Crosse Planning Department - 2026

PC 26-0144 854

26-0144
CERTIFIED COPY OF RESOLUTION ADOPTED AT A REGULAR MEETING OF THE *CITY PLAN COMMISSION* OF THE CITY OF LA CROSSE, WISCONSIN

STATE OF WISCONSIN)
) ss.
County of La Crosse, City of La Crosse)

I HEREBY CERTIFY that I am the duly appointed, qualified secretary of the City Plan Commission of the City of La Crosse and State of Wisconsin; that the following is a true and correct copy of a Resolution adopted at the regular meeting of the City Plan Commission of the City of La Crosse, State of Wisconsin, held on the thirtieth day of March 2026 at four o'clock, p.m., in the Council Chambers at La Crosse City Hall, 400 La Crosse Street, in said City; and that the same has been duly recorded in the minutes of said Commission and has never been rescinded or revoked.

BE IT RESOLVED: Certified Survey Map - Lot 1, Certified Survey Map Number 67, Volume 19, Document Number 1761262, Located in the Northwest Quarter of the Northeast Quarter of Section 9, Township 15 North, Range 7 West, City of La Crosse, La Crosse County, Wisconsin and request for dedication of right-of-way and waiver of platting requirements be referred for 30 days.

IN WITNESS WHEREOF, I have hereunto signed my name at La Crosse, Wisconsin, this thirtieth day of March 2026



Carly Kessler, Planning & Development Administrative Specialist
Recording Secretary, City Plan Commission
City of La Crosse, Wisconsin

City of La Crosse, Wisconsin

City Hall
400 La Crosse Street
La Crosse, WI 54601

Text File

File Number: 26-0322

Agenda Date: 4/9/2026 **Version:** 1 **Status:** Agenda Ready

In Control: Common Council **File Type:** Claim/Appeal

Agenda Number:

MAYO CLINIC
HEALTH SYSTEM



March 25, 2026

Via Hand Delivery
Nikki Elsen
City Clerk
City Hall 2nd Floor
400 La Crosse, WI 54601

Re: Appeal of the decision to designate the Professional Arts Building as a historic structure.

Dear Ms. Elsen,

On February 26, 2026, the Heritage Preservation Commission ("HPC") conferred a historic preservation designation for Mayo Clinic Health System's Professional Arts Building (referred to below as the "PAB"), located at 615 10th Street, La Crosse, WI. Per the City of La Crosse Municipal code, Section 20.58, I am attaching to this Petition to Appeal the decision of the HPC.

The grounds for this appeal are as follows:

1) **Negative impact to healthcare in La Crosse and surrounding areas**
    a. A historic preservation designation limits Mayo Clinic Health System's ability to plan for and timely deliver advanced healthcare treatment options.
    b. The PAB's use as expanded healthcare space provides a broader, more immediate, and future public benefit to residents.

2) **A historical preservation designation significantly restricts adaptations, which are unlikely to change the important historical aspects of the PAB**
    a. Slows the process of making updates for patient, visitor and community safety.
    b. Limits any work done on the exterior and could impact codes and standards compliance.
    c. Mitigates efforts to improve energy efficiency of the building envelope.
    d. Materials that match the existing exterior will become more difficult, if not impossible, to source.
    e. Could have impacts on structural improvements to account for equipment needs.

3) **Local partnership and trust versus unilateral historical designation**
    a. Mayo Clinic Health System values historical preservation.
    b. We request the opportunity to work with community leaders on historical preservation while also providing high quality healthcare to the La Crosse community with the most recent innovations and advancements in medicine.

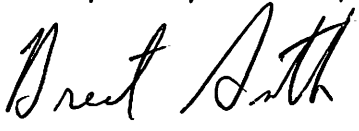
4) **Economic and development impact**
    a. Preservation through unilateral historical designation harms economic growth and depresses fair market value.
    b. By restricting or slowing modification/expansion to the PAB, Mayo Clinic Health System may be required to seek alternative sites for needed expansion, which may intrude into existing neighborhoods (which is the result – we understand – that such a designation is intended to prevent).

5) **Future planning**
    a. Mayo Clinic Health System has been a trusted community healthcare provider for generations.
    b. Historical preservation designations on buildings could influence decisions on future growth and expansion locations.

6) **Purpose and Intent**
    a. The purpose and intent of Chapter 20, Section 20-23 of the City of La Crosse Ordinances (Historical Preservation and Archaeology) are inconsistent with the designation of the PAB as a historic structure.

Based on the reasons above, I am requesting a hearing by the Common Council pursuant to Section 20.58 in order to appeal the decision of the Professional Arts Building designation.

Respectfully submitted,



Brent Smith, Esq.
Counsel for Mayo Clinic Health System
Johns, Flaherty & Collins, SC
202 5th Avenue S, Suite 600
La Crosse, WI 54601

NOTICE OF DESIGNATION OF HISTORIC STRUCTURE

TO: **Mayo Clinic Health System (FSMC)**
C/O Gordie Howie
700 West Ave
La Crosse, WI 54601

You are hereby notified that the Common Council of the City of La Crosse, Wisconsin, has designated the **PROFESSIONAL ARTS BUILDING (ST FRANCIS SCHOOL OF NURSING),** located at **615 10th Street S, La CROSSE, WI.** This designation was made pursuant to a meeting held before the Heritage Preservation Commission on **Thursday February 26, 2026,** in accordance with City of La Crosse Municipal Code, Section 20.90.

You are further notified that an appeal of the decision may be made by filing a petition with the City Clerk within thirty (30) days from the date of decision.

Dated this February 26, 2026.

HERITAGE PRESERVATION COMMISSION
CITY OF LA CROSSE, WISCONSIN

By: _____
Tim Acklin, AICP
Deputy Director

cc: City Clerk
Building and Inspections
Assessor Office

Office of City Clerk

March 25, 2026

Brent Smith
Johns Flaherty & Collins SC
202 5th Ave S Ste 600
La Crosse WI 54601

Sent via email to brent@johnsflaherty.com and USPS mail

Attorney Brent Smith.

The City of La Crosse is in receipt of Mayo Health System appeal of decision to designate the Professional Arts Building, 615 10th St. S. as a historic structure.

This is confirmation that the appeal is scheduled for public hearing before the Common Council on Thursday, April 9, 2026. The meeting is at 6:00 p.m. in the Council Chambers on first floor of City Hall.

Pursuant to Municipal Code 20.58, the Common Council shall hold a public hearing on the appeal and may by majority vote of its members reverse or modify any decision of the Commission.

The appellant (either a representative of Mayo or you as counsel) will be allowed opportunity to address the Council prior to any public hearing. The Council will then open a public hearing allowing other speakers the opportunity to comment but public hearing rules will apply – 3 minutes per person and a total of 30 minutes if opposing viewpoints. If there are not opposing viewpoints, the public hearing will be limited to 15 minutes. Questions of the speakers do not count toward the time limitations.

The agenda will be published the afternoon of Monday, April 6th or morning of Tuesday, April 7th and can be accessed by visiting the Legislation Information Center at https://cityoflacrosse.legistar.com/Calendar.aspx.

Regards,

Nikki M. Elsen, WCMC
City Clerk

Craig, Sondra

From: City of La Crosse Notices - No Reply
Sent: Wednesday, April 1, 2026 11:10 PM
To: Craig, Sondra; Elsen, Nikki; Janssen, Barb; Kahlow, Chris; Sleznikow, Larry; Trost, Jennifer; Mindel, Mackenzie; Dickinson, Tamra; Goggin, Erin; Steele, Annette; Washington-Spivey, Shaundel; Weston, Lisa; Newberry, Aron; Bedford, Crystal; Padesky, Gary; Stine, Olivia; Northwood, Rosanne
Subject: City Council Contact Form: Professional Arts Building on Mayo Campus

Submitted on: 4/1/2026
Name: Mary Kulas
Email Address: mkkulas@gmail.com
Is this related to a legislative agenda item: Yes
Agenda item number:

Subject: Professional Arts Building on Mayo Campus

Please uphold the Commission’s unanimous vote and protect the Professional Arts Building.

Thank you!

Mary Kulas