









Printed 9/4/2020 Page 2

Rainfall Events Listing (selected events)

| Event# | Event Name | Storm Type | Curve | Mode | Duration (hours) | B/B | Depth (inches) | AMC |
|--------|---------------|----------------|-------|---------|------------------|-----|----------------|-----|
| 1 | 2 YR | Type III 24-hr | | Default | 24.00 | 1 | 3.45 | 2 |
| 2 | 10 YR | Type III 24-hr | | Default | 24.00 | 1 | 5.34 | 2 |
| 3 | 25 YR | Type III 24-hr | | Default | 24.00 | 1 | 6.52 | 2 |
| 4 | 50 YR | Type III 24-hr | | Default | 24.00 | 1 | 7.39 | 2 |
| 5 | 100 YR | Type III 24-hr | | Default | 24.00 | 1 | 8.34 | 2 |

GAL 8-25-20..hcp add roof
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Area Listing (all nodes)

| | Area | CN | Description |
|---|---------|----|------------------------|
| | (acres) | | (subcatchment-numbers) |
| - | 3.420 | 65 | (3S, 15S) |
| | 0.135 | 98 | (10S) |
| | 0.250 | 79 | (13S) |
| | 3.805 | 67 | TOTAL AREA |

GAL 8-25-20..hcp add roof
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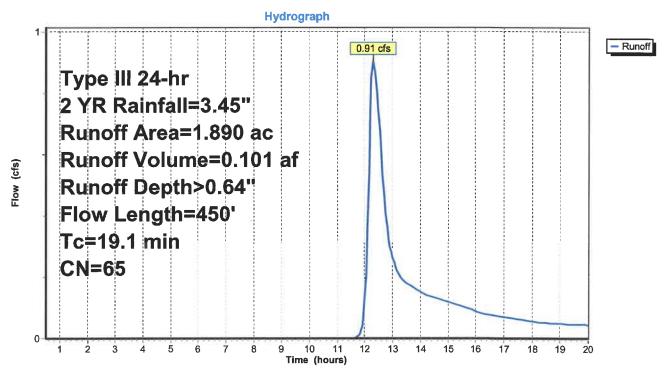
Ground Covers (all nodes)

| HSG-A | HSG-B | HSG-C | HSG-D | Other (acres) | Total | Ground | Subcatchment |
|---------|-----------------------|-----------------------|---------|-----------------------|-----------------------|------------|-------------------|
| (acres) | (acres) | (acres) | (acres) | | (acres) | Cover | Numbers |
| 0.000 | 0.000 0.000 | 0.000 0.000 | 0.000 | 3.805 3.805 | 3.805 3.805 | TOTAL AREA | 3S, 10S, 13S, 15S |

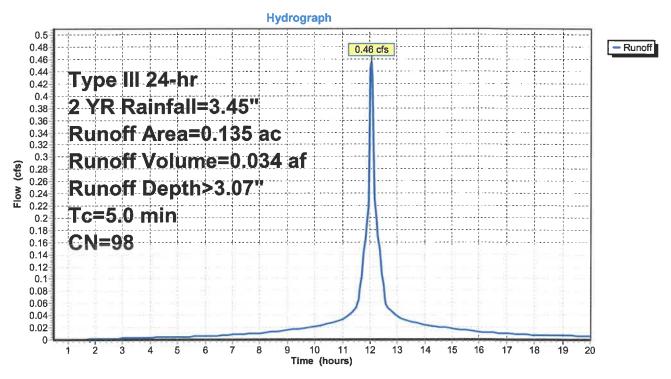
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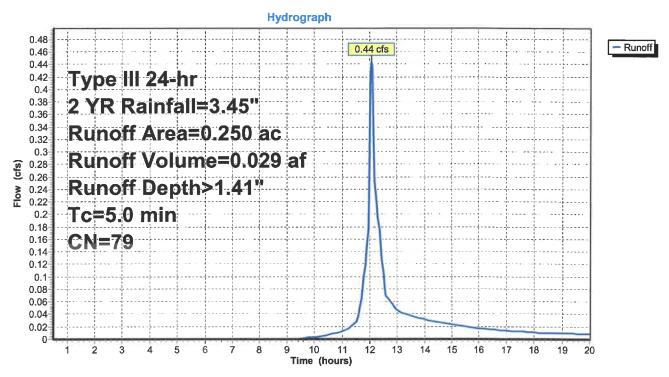
Subcatchment 3S: EX



Subcatchment 10S: ROOF

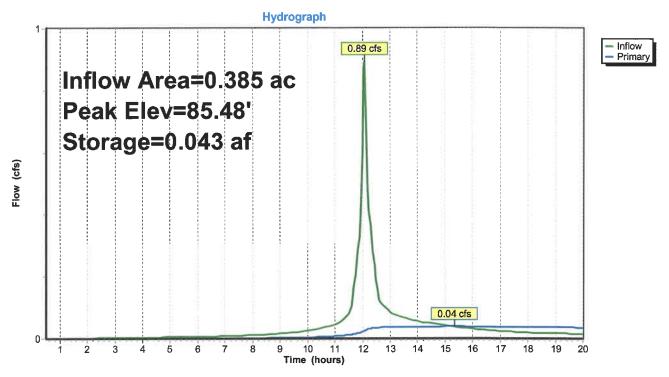


Subcatchment 13S: REV A



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Pond 14P: POND 1



Stage-Discharge for Pond 14P: POND 1

| Elevation | Primary | Elevation | Primary | Elevation | Primary | Elevation | Primary |
|----------------|---------|----------------|---------|-----------|---------|----------------|---------|
| (feet) | (cfs) | (feet) | (cfs) | (feet) | (cfs) | (feet) | (cfs) |
| 85.00 | 0.00 | 85.52 | 0.04 | 86.04 | 0.06 | 86.56 | 0.07 |
| 85.01 | 0.00 | 85.53 | 0.04 | 86.05 | 0.06 | 86.57 | 0.07 |
| 85.02 | 0.00 | 85.54 | 0.04 | 86.06 | 0.06 | 86.58 | 0.07 |
| 85.03 | 0.00 | 85.55 | 0.04 | 86.07 | 0.06 | 86.59 | 0.07 |
| 85.04 | 0.00 | 85.56 | 0.04 | 86.08 | 0.06 | 86.60 | 0.07 |
| 85.05 | 0.00 | 85.57 | 0.04 | 86.09 | 0.06 | 86.61 | 0.07 |
| 85.06 | 0.00 | 85.58 | 0.04 | 86.10 | 0.06 | 86.62 | 0.07 |
| 85.07 | 0.01 | 85.59 | 0.04 | 86.11 | 0.06 | 86.63 | 0.07 |
| 85.08 | 0.01 | 85.60 | 0.04 | 86.12 | 0.06 | 86.64 | 0.07 |
| 85.09 | 0.01 | 85.61 | 0.04 | 86.13 | 0.06 | 86.65 | 0.07 |
| 85.10 | 0.01 | 85.62 | 0.04 | 86.14 | 0.06 | 86.66 | 0.07 |
| 85.11 | 0.01 | 85.63 | 0.04 | 86.15 | 0.06 | 86.67 | 0.07 |
| 85.12 | 0.01 | 85.64 | 0.04 | 86.16 | 0.06 | 86.68 | 0.08 |
| 85.13 | 0.02 | 85.65 | 0.05 | 86.17 | 0.06 | 86.69 | 0.08 |
| 85.14 | 0.02 | 85.66 | 0.05 | 86.18 | 0.06 | 86.70 | 0.08 |
| 85.15 | 0.02 | 85.67 | 0.05 | 86.19 | 0.06 | 86.71 | 0.08 |
| 85.16 | 0.02 | 85.68 | 0.05 | 86.20 | 0.06 | 86.72 | 0.08 |
| 85.17 | 0.02 | 85.69 | 0.05 | 86.21 | 0.06 | 86.73 | 0.08 |
| 85.18 | 0.02 | 85.70 | 0.05 | 86.22 | 0.06 | 86.74 | 0.08 |
| 85.19 | 0.02 | 85.71 | 0.05 | 86.23 | 0.06 | 86.75 | 0.08 |
| 85.20 | 0.02 | 85.72 | 0.05 | 86.24 | 0.06 | 86.76 | 0.08 |
| 85.21 | 0.02 | 85.73 | 0.05 | 86.25 | 0.06 | 86.77 | 0.08 |
| 85.22 | 0.02 | 85.74 | 0.05 | 86.26 | 0.06 | 86.78 | 0.08 |
| 85.23 | 0.02 | 85.75 | 0.05 | 86.27 | 0.06 | 86.79 | 0.08 |
| 85.24 | 0.02 | 85.76 | 0.05 | 86.28 | 0.07 | 86.80 | 0.08 |
| 85.25 | 0.03 | 85.77 | 0.05 | 86.29 | 0.07 | 86.81 | 0.08 |
| 85.26 | 0.03 | 85.78 | 0.05 | 86.30 | 0.07 | 86.82 | 0.08 |
| 85.27 | 0.03 | 85.79 | 0.05 | 86.31 | 0.07 | 86.83 | 0.08 |
| 85.28 | 0.03 | 85.80 | 0.05 | 86.32 | 0.07 | 86.84 | 0.08 |
| 85.29 | 0.03 | 85.81 | 0.05 | 86.33 | 0.07 | 86.85 | 0.08 |
| 85.30 | 0.03 | 85.82 | 0.05 | 86.34 | 0.07 | 86.86 | 0.08 |
| 85.31 | 0.03 | 85.83 | 0.05 | 86.35 | 0.07 | 86.87 | 0.08 |
| 85.32 | 0.03 | 85.84 | 0.05 | 86.36 | 0.07 | 86.88 | 0.08 |
| 85.33 | 0.03 | 85.85 | 0.05 | 86.37 | 0.07 | 86.89 | 0.08 |
| 85.34 | 0.03 | 85.86 | 0.05 | 86.38 | 0.07 | 86.90 | 0.08 |
| 85.35 | 0.03 | 85.87 | 0.05 | 86.39 | 0.07 | 86.91 | 0.08 |
| 85.36 | 0.03 | 85.88 | 0.05 | 86.40 | 0.07 | 86.92 | 0.08 |
| 85.37 | 0.03 | 85.89 | 0.05 | 86.41 | 0.07 | 86.93 | 0.08 |
| 85.38 | 0.03 | 85.90 | 0.05 | 86.42 | 0.07 | 86.94 | 0.08 |
| 85.39 | 0.03 | 85.91 | 0.05 | 86.43 | 0.07 | 86.95 | 0.08 |
| 85.40 | 0.03 | 85.92 | 0.05 | 86.44 | 0.07 | 86.96 | 0.08 |
| 85.41 | 0.03 | 85.93 | 0.06 | 86.45 | 0.07 | 86.97 | 0.08 |
| 85.42 | 0.03 | 85.94 | 0.06 | 86.46 | 0.07 | 86.98 | 0.08 |
| 85.43 | 0.04 | 85.95 | 0.06 | 86.47 | 0.07 | 86.99 | 0.08 |
| 85.44 | 0.04 | 85.96 | 0.06 | 86.48 | 0.07 | 87.00 | 0.08 |
| | 0.04 | 85.97 | 0.06 | 86.49 | 0.07 | 87.00 87.01 | 0.08 |
| 85.45 85.46 | 0.04 | 85.98 | 0.06 | 86.50 | 0.07 | 87.01 | 0.08 |
| 85.47 | 0.04 | 85.99 | 0.06 | 86.51 | 0.07 | 87.02 87.03 | 0.08 |
| 85.48 | 0.04 | 86.00 | 0.06 | 86.52 | 0.07 | 87.03 87.04 | 0.08 |
| | 0.04 | 86.01 | 0.06 | 86.53 | 0.07 | 87.04 87.05 | 0.08 |
| 85.49 85.50 | | 86.02 | 0.06 | 86.54 | 0.07 | 87.05 87.06 | 0.08 |
| 85.50 85.51 | 0.04 | 86.02 86.03 | 0.06 | 86.55 | 0.07 | 87.06 87.07 | 0.08 |
| 85.51 | 0.04 | 00.03 | 0.00 | 00.00 | 0.07 | 07.07 | 0.08 |
| | | I | | I | | I. | |

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Stage-Discharge for Pond 14P: POND 1 (continued)

Primary

(cfs)

0.09 0.09

0.09

0.09 0.09

0.10

0.10

0.10 0.10

0.10

0.10 0.10

| | | 9 |
|--------------------|------------------|---------------------|
| Elevation (feet) | Primary (cfs) | Elevation (feet) |
| 87.08 | 0.08 0.08 | 87.60 87.61 |
| 87.09 87.10 | 0.08 | 87.61 87.62 |
| 87.11 | 0.08 | 87.63 |
| 87.12 87.13 | 0.08 0.08 | 87.64 87.65 |
| 87.14 | 0.09 | 87.66 |
| 87.15 87.16 | 0.09 0.09 | 87.67 87.68 |
| 87.17 | 0.09 | 87.69 |
| 87.18 87.19 | 0.09 0.09 | 87.70 87.71 |
| 87.19 87.20 | 0.09 | 01.11 |
| 87.21 | 0.09 | |
| 87.22 87.23 | 0.09 0.09 | |
| 87.24 | 0.09 | |
| 87.25 87.26 | 0.09 0.09 | |
| 87.27 | 0.09 | |
| 87.28 87.29 | 0.09 0.09 | |
| 87.30 | 0.09 | |
| 87.31 87.32 | 0.09 0.09 | |
| 87.33 | 0.09 | |
| 87.34 | 0.09 0.09 | |
| 87.35 87.36 | 0.09 | |
| 87.37 | 0.09 | |
| 87.38 87.39 | 0.09 0.09 | |
| 87.40 | 0.09 | |
| 87.41 87.42 | 0.09 0.09 | |
| 87.43 | 0.09 | |
| 87.44 87.45 | 0.09 0.09 | |
| 87.46 | 0.09 | |
| 87.47 87.48 | 0.09 0.09 | |
| 87. 4 8 | 0.09 | |
| 87.50 | 0.09 | |
| 87.51 87.52 | 0.09 0.09 | |
| 87.53 | 0.09 | |
| 87.54 87.55 | 0.09 0.09 | |
| 87.56 | 0.09 | |
| 87.57 87.58 | 0.09 0.09 | |
| 87.59 | 0.09 | |
| | | |

Stage-Area-Storage for Pond 14P: POND 1

| Elevation | Storage | Elevation | Storage | Elevation | Storage |
|----------------|----------------|----------------|----------------|----------------|----------------|
| (feet) | (acre-feet) | (feet) | (acre-feet) | (feet) | (acre-feet) |
| 85.00 | 0.000 | 85.52 | 0.047 | 86.04 | 0.092 |
| 85.01 | 0.001 | 85.53 | 0.048 | 86.05 | 0.093 |
| 85.02 | 0.002 | 85.54 | 0.049 | 86.06 | 0.093 |
| 85.03 | 0.003 | 85.55 | 0.050 | 86.07 | 0.094 |
| 85.04 | 0.004 | 85.56 | 0.051 | 86.08 | 0.095 |
| 85.05 | 0.005 | 85.57 | 0.051 | 86.09 | 0.096 |
| 85.06 | 0.006 | 85.58 | 0.052 | 86.10 | 0.097 |
| 85.07 | 0.006 | 85.59 | 0.053 | 86.11 86.12 | 0.098 0.098 |
| 85.08 85.00 | 0.007 0.008 | 85.60 85.61 | 0.054 0.055 | 86.13 | 0.098 |
| 85.09 85.10 | 0.008 | 85.62 | 0.056 | 86.14 | 0.100 |
| 85.11 | 0.009 | 85.63 | 0.057 | 86.15 | 0.101 |
| 85.12 | 0.010 | 85.64 | 0.058 | 86.16 | 0.101 |
| 85.13 | 0.012 | 85.65 | 0.058 | 86.17 | 0.102 |
| 85.14 | 0.012 | 85.66 | 0.059 | 86.18 | 0.103 |
| 85.15 | 0.014 | 85.67 | 0.060 | 86.19 | 0.103 |
| 85.16 | 0.015 | 85.68 | 0.061 | 86.20 | 0.105 |
| 85.17 | 0.016 | 85.69 | 0.062 | 86.21 | 0.106 |
| 85.18 | 0.016 | 85.70 | 0.063 | 86.22 | 0.107 |
| 85.19 | 0.017 | 85.71 | 0.064 | 86.23 | 0.107 |
| 85.20 | 0.018 | 85.72 | 0.065 | 86.24 | 0.108 |
| 85.21 | 0.019 | 85.73 | 0.065 | 86.25 | 0.109 |
| 85.22 | 0.020 | 85.74 | 0.066 | 86.26 | 0.110 |
| 85.23 | 0.021 | 85.75 | 0.067 | 86.27 | 0.111 |
| 85.24 | 0.022 | 85.76 | 0.068 | 86.28 | 0.111 |
| 85.25 | 0.023 | 85.77 | 0.069 | 86.29 | 0.112 |
| 85.26 | 0.024 | 85.78 | 0.070 | 86.30 | 0.113 |
| 85.27 | 0.025 | 85.79 | 0.071 | 86.31 | 0.114 |
| 85.28 | 0.026 | 85.80 | 0.071 | 86.32 | 0.115 |
| 85.29 | 0.026 | 85.81 | 0.072 | 86.33 | 0.115 |
| 85.30 | 0.027 | 85.82 | 0.073 | 86.34 | 0.116 |
| 85.31 | 0.028 | 85.83 | 0.074 | 86.35 | 0.117 |
| 85.32 | 0.029 | 85.84 | 0.075 | 86.36 | 0.118 |
| 85.33 | 0.030 | 85.85 | 0.076 | 86.37 | 0.119 |
| 85.34 | 0.031 | 85.86 | 0.077 | 86.38 | 0.119 |
| 85.35 | 0.032 | 85.87 | 0.077 | 86.39 | 0.120 |
| 85.36 | 0.033 | 85.88 | 0.078 | 86.40 86.41 | 0.121 |
| 85.37 | 0.034 | 85.89 | 0.079 | | 0.122 |
| 85.38 95.30 | 0.035 0.035 | 85.90 85.91 | 0.080 0.081 | 86.42 86.43 | 0.122 0.123 |
| 85.39 85.40 | 0.036 | 85.92 | 0.082 | 86.44 | 0.123 |
| 85.41 | 0.037 | 85.93 | 0.082 | 86.45 | 0.125 |
| 85.42 | 0.038 | 85.94 | 0.083 | 86.46 | 0.126 |
| 85.43 | 0.039 | 85.95 | 0.084 | 86.47 | 0.126 |
| 85.44 | 0.040 | 85.96 | 0.085 | 86.48 | 0.127 |
| 85.45 | 0.041 | 85.97 | 0.086 | 86.49 | 0.128 |
| 85.46 | 0.042 | 85.98 | 0.087 | 86.50 | 0.129 |
| 85.47 | 0.043 | 85.99 | 0.088 | 86.51 | 0.129 |
| 85.48 | 0.043 | 86.00 | 0.088 | 86.52 | 0.130 |
| 85.49 | 0.044 | 86.01 | 0.089 | 86.53 | 0.131 |
| 85.50 | 0.045 | 86.02 | 0.090 | 86.54 | 0.132 |
| 85.51 | 0.046 | 86.03 | 0.091 | 86.55 | 0.132 |
| | | | | | |

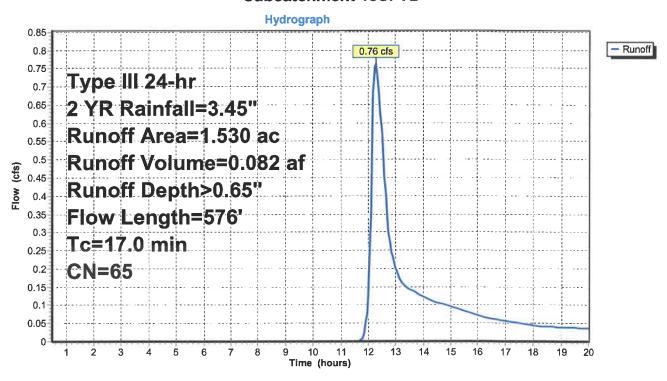
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Stage-Area-Storage for Pond 14P: POND 1 (continued)

| Elevation | Storage | Elevation | Storage | Elevation | Storage |
|----------------|----------------|----------------|----------------|----------------|----------------|
| (feet) | (acre-feet) | (feet) | (acre-feet) | (feet) | (acre-feet) |
| 86.56 | 0.133 | 87.08 | 0.166 | 87.60 | 0.189 |
| 86.57 | 0.134 | 87.09 | 0.167 | 87.61 | 0.189 |
| 86.58 | 0.135 | 87.10 | 0.167 | 87.62 | 0.190 |
| 86.59 | 0.135 | 87.11 | 0.168 | 87.63 | 0.190 |
| 86.60 | 0.136 | 87.12 | 0.168 | 87.64 | 0.191 |
| 86.61 | 0.137 | 87.13 | 0.169 | 87.65 | 0.191 |
| 86.62 | 0.137 | 87.14 | 0.169 | 87.66 | 0.191 |
| 86.63 | 0.138 | 87.15 | 0.170 | 87.67 | 0.192 |
| 86.64 | 0.139 | 87.16 87.17 | 0.170 0.170 | 87.68 87.69 | 0.192 0.193 |
| 86.65 86.66 | 0.140 0.140 | 87.17 87.18 | 0.170 | 87.70 | 0.193 |
| 86.67 | 0.141 | 87.10 87.19 | 0.171 | 87.71 | 0.194 |
| 86.68 | 0.142 | 87.20 | 0.171 | 07.71 | 0.104 |
| 86.69 | 0.142 | 87.21 | 0.172 | | |
| 86.70 | 0.143 | 87.22 | 0.173 | | |
| 86.71 | 0.144 | 87.23 | 0.173 | | |
| 86.72 | 0.145 | 87.24 | 0.173 | | |
| 86.73 | 0.145 | 87.25 | 0.174 | | |
| 86.74 | 0.146 | 87.26 | 0.174 | | |
| 86.75 | 0.147 | 87.27 | 0.175 | | |
| 86.76 | 0.147 | 87.28 | 0.175 | | |
| 86.77 | 0.148 | 87.29 | 0.176 | | |
| 86.78 | 0.149 | 87.30 | 0.176 | | |
| 86.79 | 0.149 | 87.31 | 0.176 | | |
| 86.80 | 0.150 | 87.32 | 0.177 | | |
| 86.81 | 0.151 | 87.33 | 0.177 | | |
| 86.82 | 0.151 0.152 | 87.34 87.35 | 0.178 0.178 | | |
| 86.83 86.84 | 0.152 | 87.36 | 0.178 | | |
| 86.85 | 0.153 | 87.37 | 0.179 | | |
| 86.86 | 0.154 | 87.38 | 0.179 | | |
| 86.87 | 0.155 | 87.39 | 0.180 | | |
| 86.88 | 0.155 | 87.40 | 0.180 | | |
| 86.89 | 0.156 | 87.41 | 0.181 | | |
| 86.90 | 0.156 | 87.42 | 0.181 | | |
| 86.91 | 0.157 | 87.43 | 0.182 | | |
| 86.92 | 0.158 | 87.44 | 0.182 | | |
| 86.93 | 0.158 | 87.45 | 0.182 | | |
| 86.94 | 0.159 | 87.46 | 0.183 | | |
| 86.95 | 0.159 | 87.47 | 0.183 | | |
| 86.96 | 0.160 | 87.48 | 0.184 | | |
| 86.97 86.98 | 0.161 0.161 | 87.49 87.50 | 0.184 0.185 | | |
| 86.99 | 0.161 | 87.50 87.51 | 0.185 | | |
| 87.00 | 0.162 | 87.52 | 0.185 | | |
| 87.01 | 0.163 | 87.53 | 0.186 | | |
| 87.02 | 0.163 | 87.54 | 0.186 | | |
| 87.03 | 0.164 | 87.55 | 0.187 | | |
| 87.04 | 0.164 | 87.56 | 0.187 | | |
| 87.05 | 0.165 | 87.57 | 0.188 | | |
| 87.06 | 0.165 | 87.58 | 0.188 | | |
| 87.07 | 0.166 | 87.59 | 0.188 | | |
| | | | | | |

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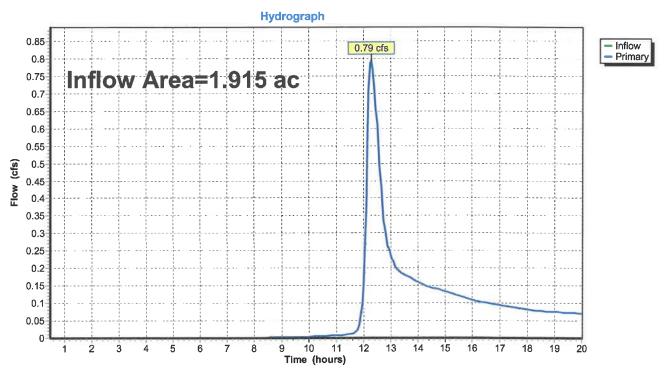
Subcatchment 15S: YD



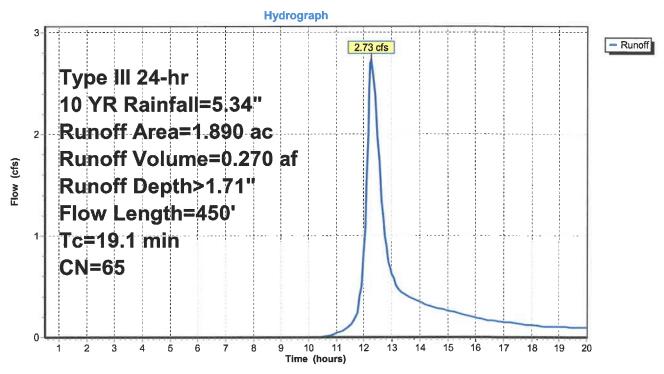
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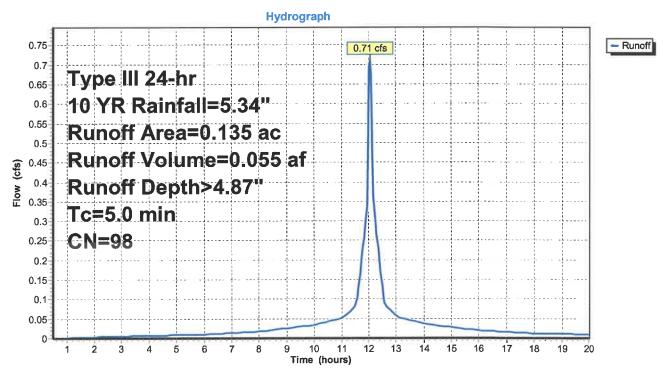
Link 16L: P-OUT YD



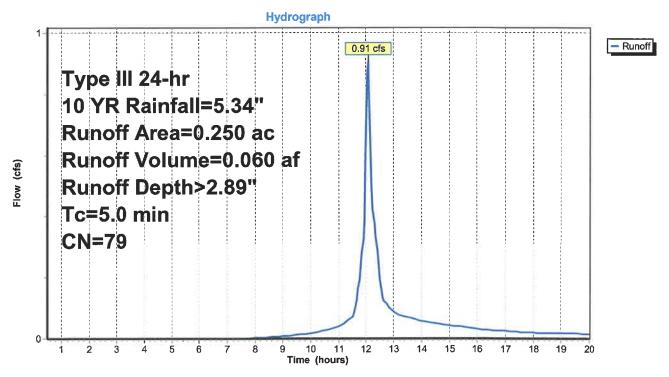
Subcatchment 3S: EX



Subcatchment 10S: ROOF

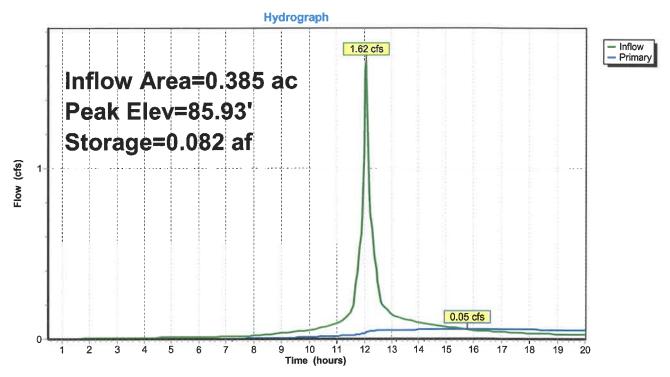


Subcatchment 13S: REV A



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Pond 14P: POND 1



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Stage-Discharge for Pond 14P: POND 1

| Elevation | Primary | Elevation | Primary | Elevation | Primary | Elevation | Primary |
|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|
| (feet) | (cfs) | (feet) | (cfs) | (feet) | (cfs) | (feet) | (cfs) |
| 85.00 | 0.00 | 85.52 | 0.04 | 86.04 | 0.06 | 86.56 | 0.07 |
| 85.01 | 0.00 | 85.53 | 0.04 | 86.05 | 0.06 | 86.57 | 0.07 |
| 85.02 | 0.00 | 85.54 | 0.04 | 86.06 | 0.06 | 86.58 | 0.07 |
| 85.03 | 0.00 | 85.55 | 0.04 | 86.07 | 0.06 | 86.59 | 0.07 |
| 85.04 | 0.00 | 85.56 | 0.04 | 86.08 | 0.06 | 86.60 | 0.07 |
| 85.05 | 0.00 | 85.57 | 0.04 | 86.09 | 0.06 | 86.61 | 0.07 |
| 85.06 | 0.00 | 85.58 | 0.04 | 86.10 | 0.06 | 86.62 | 0.07 |
| 85.07 | 0.01 | 85.59 | 0.04 | 86.11 | 0.06 | 86.63 | 0.07 |
| 85.08 | 0.01 | 85.60 | 0.04 | 86.12 | 0.06 | 86.64 | 0.07 |
| 85.09 | 0.01 | 85.61 | 0.04 | 86.13 | 0.06 | 86.65 | 0.07 |
| 85.10 | 0.01 | 85.62 | 0.04 | 86.14 | 0.06 | 86.66 | 0.07 |
| 85.11 | 0.01 | 85.63 | 0.04 | 86.15 | 0.06 | 86.67 | 0.07 |
| 85.12 | 0.01 | 85.64 | 0.04 | 86.16 | 0.06 | 86.68 | 0.08 |
| 85.13 | 0.02 | 85.65 | 0.05 | 86.17 | 0.06 | 86.69 | 0.08 |
| 85.14 | 0.02 | 85.66 | 0.05 | 86.18 | 0.06 | 86.70 | 0.08 |
| 85.15 | 0.02 | 85.67 | 0.05 | 86.19 | 0.06 | 86.71 | 0.08 |
| 85.16 | 0.02 | 85.68 | 0.05 | 86.20 | 0.06 | 86.72 | 0.08 |
| 85.17 | 0.02 | 85.69 | 0.05 | 86.21 | 0.06 | 86.73 | 0.08 |
| 85.18 | 0.02 | 85.70 | 0.05 | 86.22 | 0.06 | 86.74 | 0.08 |
| 85.19 | 0.02 | 85.71 | 0.05 | 86.23 | 0.06 | 86.75 | 0.08 |
| 85.20 | 0.02 | 85.72 | 0.05 | 86.24 | 0.06 | 86.76 | 0.08 |
| 85.21 | 0.02 | 85.73 | 0.05 | 86.25 | 0.06 | 86.77 | 0.08 |
| 85.22 | 0.02 | 85.74 | 0.05 | 86.26 | 0.06 | 86.78 | 0.08 |
| 85.23 | 0.02 | 85.75 | 0.05 | 86.27 | 0.06 | 86.79 | 0.08 |
| 85.24 | 0.02 | 85.76 | 0.05 | 86.28 | 0.07 | 86.80 | 0.08 |
| 85.25 | 0.03 | 85.77 | 0.05 | 86.29 | 0.07 | 86.81 | 0.08 |
| 85.26 | 0.03 | 85.78 | 0.05 | 86.30 | 0.07 | 86.82 | 0.08 |
| 85.27 | 0.03 | 85.79 | 0.05 | 86.31 | 0.07 | 86.83 | 0.08 |
| 85.28 | 0.03 | 85.80 | 0.05 | 86.32 | 0.07 | 86.84 | 0.08 |
| 85.29 | 0.03 | 85.81 | 0.05 | 86.33 | 0.07 | 86.85 | 0.08 |
| 85.30 | 0.03 | 85.82 | 0.05 | 86.34 | 0.07 | 86.86 | 0.08 |
| 85.31 | 0.03 | 85.83 | 0.05 | 86.35 | 0.07 | 86.87 | 0.08 |
| 85.32 | 0.03 | 85.84 | 0.05 | 86.36 | 0.07 | 86.88 | 0.08 |
| 85.33 | 0.03 | 85.85 | 0.05 | 86.37 | 0.07 | 86.89 | 80.0 |
| 85.34 | 0.03 | 85.86 | 0.05 | 86.38 | 0.07 | 86.90 | 0.08 |
| 85.35 85.36 | 0.03 0.03 | 85.87 | 0.05 0.05 | 86.39 86.40 | 0.07 | 86.91 | 0.08 |
| 85.37 | 0.03 | 85.88 85.89 | 0.05 | 86.41 | 0.07 0.07 | 86.92 86.93 | 0.08 |
| 85.38 | 0.03 | 85.90 | 0.05 | 86.42 | 0.07 | 86.94 | 0.08 0.08 |
| 85.39 | 0.03 | 85.91 | 0.05 | 86.43 | 0.07 | 86.95 | 0.08 |
| 85.40 | 0.03 | 85.92 | 0.05 | 86.44 | 0.07 | 86.96 | 0.08 |
| 85.41 | 0.03 | 85.93 | 0.06 | 86.45 | 0.07 | 86.97 | 0.08 |
| 85.42 | 0.04 | 85.94 | 0.06 | 86.46 | 0.07 | 86.98 | 0.08 |
| 85.43 | 0.04 | 85.95 | 0.06 | 86.47 | 0.07 | 86.99 | 0.08 |
| 85.44 | 0.04 | 85.96 | 0.06 | 86.48 | 0.07 | 87.00 | 0.08 |
| 85.45 | 0.04 | 85.97 | 0.06 | 86.49 | 0.07 | 87.01 | 0.08 |
| 85.46 | 0.04 | 85.98 | 0.06 | 86.50 | 0.07 | 87.02 | 0.08 |
| 85.47 | 0.04 | 85.99 | 0.06 | 86.51 | 0.07 | 87.03 | 0.08 |
| 85.48 | 0.04 | 86.00 | 0.06 | 86.52 | 0.07 | 87.04 | 0.08 |
| 85.49 | 0.04 | 86.01 | 0.06 | 86.53 | 0.07 | 87.05 | 0.08 |
| 85.50 | 0.04 | 86.02 | 0.06 | 86.54 | 0.07 | 87.06 | 0.08 |
| 85.51 | 0.04 | 86.03 | 0.06 | 86.55 | 0.07 | 87.07 | 0.08 |
| | | | | | | | |
| | | | | | | | |

Elevation

(feet)

87.60 87.61

87.62

87.63

87.64

87.65

87.66

87.67

87.68

87.69

87.70 87.71 Printed 9/4/2020

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Stage-Discharge for Pond 14P: POND 1 (continued)

Primary

(cfs) 0.09

0.09

0.09

0.09

0.09

0.10

0.10

0.10

0.10 0.10

0.10

0.10

| | 70 | |
|---------------------|------------------|---|
| Elevation (feet) | Primary (cfs) | |
| 87.08 | 0.08 | - |
| 87.09 | 0.08 | |
| 87.10 87.11 | 0.08 0.08 | |
| 87.12 | 0.08 | |
| 87.13 | 0.08 | |
| 87.14 87.15 | 0.09 0.09 | |
| 87.16 | 0.09 | |
| 87.17 87.18 | 0.09 0.09 | |
| 87.19 | 0.09 | |
| 87.20 | 0.09 | |
| 87.21 87.22 | 0.09 0.09 | |
| 87.23 | 0.09 | |
| 87.24 87.25 | 0.09 0.09 | |
| 87.26 | 0.09 | |
| 87.27 | 0.09 | |
| 87.28 87.29 | 0.09 0.09 | |
| 87.30 | 0.09 | |
| 87.31 87.32 | 0.09 0.09 | |
| 87.33 | 0.09 | |
| 87.34 87.35 | 0.09 | |
| 87.35 87.36 | 0.09 0.09 | |
| 87.37 | 0.09 | |
| 87.38 87.39 | 0.09 0.09 | |
| 87.40 | 0.09 | |
| 87.41 | 0.09 | |
| 87.42 87.43 | 0.09 0.09 | |
| 87.44 | 0.09 | |
| 87.45 87.46 | 0.09 0.09 | |
| 87.47 | 0.09 | |
| 87.48 87.49 | 0.09 0.09 | |
| 87.50 | 0.09 | |
| 87.51 | 0.09 | |
| 87.52 87.53 | 0.09 0.09 | |
| 87.54 | 0.09 | |
| 87.55 87.56 | 0.09 0.09 | |
| 87.57 | 0.09 | |
| 87.58 87.59 | 0.09 0.09 | |
| 01.00 | 0.03 | |
| | | |

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Stage-Area-Storage for Pond 14P: POND 1

| Elevation | Storage | Elevation | Storage | Elevation | Storage |
|----------------|----------------|----------------|----------------|----------------|----------------|
| (feet) | (acre-feet) | (feet) | (acre-feet) | (feet) | (acre-feet) |
| 85.00 | 0.000 | 85.52 | 0.047 | 86.04 | 0.092 |
| 85.01 | 0.001 | 85.53 | 0.048 | 86.05 | 0.093 |
| 85.02 | 0.002 | 85.54 | 0.049 | 86.06 | 0.093 |
| 85.03 | 0.003 | 85.55 | 0.050 | 86.07 | 0.094 |
| 85.04 | 0.004 | 85.56 | 0.051 | 86.08 | 0.095 |
| 85.05 | 0.005 | 85.57 | 0.051 | 86.09 | 0.096 |
| 85.06 | 0.006 0.006 | 85.58 | 0.052 | 86.10 | 0.097 0.098 |
| 85.07 85.08 | 0.007 | 85.59 85.60 | 0.053 0.054 | 86.11 86.12 | 0.098 |
| 85.09 | 0.007 | 85.61 | 0.055 | 86.13 | 0.099 |
| 85.10 | 0.009 | 85.62 | 0.056 | 86.14 | 0.100 |
| 85.11 | 0.010 | 85.63 | 0.057 | 86.15 | 0.101 |
| 85.12 | 0.011 | 85.64 | 0.058 | 86.16 | 0.102 |
| 85.13 | 0.012 | 85.65 | 0.058 | 86.17 | 0.103 |
| 85.14 | 0.013 | 85.66 | 0.059 | 86.18 | 0.103 |
| 85.15 | 0.014 | 85.67 | 0.060 | 86.19 | 0.104 |
| 85.16 | 0.015 | 85.68 | 0.061 | 86.20 | 0.105 |
| 85.17 | 0.016 | 85.69 | 0.062 | 86.21 | 0.106 |
| 85.18 | 0.016 | 85.70 | 0.063 | 86.22 | 0.107 |
| 85.19 | 0.017 | 85.71 | 0.064 | 86.23 | 0.107 |
| 85.20 | 0.018 | 85.72 | 0.065 | 86.24 | 0.108 |
| 85.21 | 0.019 | 85.73 | 0.065 | 86.25 | 0.109 |
| 85.22 | 0.020 | 85.74 | 0.066 | 86.26 | 0.110 |
| 85.23 | 0.021 | 85.75 | 0.067 | 86.27 | 0.111 |
| 85.24 | 0.022 | 85.76 | 0.068 | 86.28 | 0.111 |
| 85.25 | 0.023 0.024 | 85.77 | 0.069 0.070 | 86.29 86.30 | 0.112 0.113 |
| 85.26 85.27 | 0.024 | 85.78 85.79 | 0.070 | 86.31 | 0.113 |
| 85.28 | 0.025 | 85.80 | 0.071 | 86.32 | 0.115 |
| 85.29 | 0.026 | 85.81 | 0.072 | 86.33 | 0.115 |
| 85.30 | 0.027 | 85.82 | 0.073 | 86.34 | 0.116 |
| 85.31 | 0.028 | 85.83 | 0.074 | 86.35 | 0.117 |
| 85.32 | 0.029 | 85.84 | 0.075 | 86.36 | 0.118 |
| 85.33 | 0.030 | 85.85 | 0.076 | 86.37 | 0.119 |
| 85.34 | 0.031 | 85.86 | 0.077 | 86.38 | 0.119 |
| 85.35 | 0.032 | 85.87 | 0.077 | 86.39 | 0.120 |
| 85.36 | 0.033 | 85.88 | 0.078 | 86.40 | 0.121 |
| 85.37 | 0.034 | 85.89 | 0.079 | 86.41 | 0.122 |
| 85.38 | 0.035 | 85.90 | 0.080 | 86.42 | 0.122 |
| 85.39 | 0.035 | 85.91 | 0.081 | 86.43 | 0.123 |
| 85.40 | 0.036 | 85.92 | 0.082 0.082 | 86.44 86.45 | 0.124 |
| 85.41 85.42 | 0.037 0.038 | 85.93 85.94 | 0.083 | 86.46 | 0.125 0.126 |
| 85.43 | 0.039 | 85.95 | 0.084 | 86.47 | 0.126 |
| 85.44 | 0.039 | 85.96 | 0.085 | 86.48 | 0.127 |
| 85.45 | 0.041 | 85.97 | 0.086 | 86.49 | 0.128 |
| 85.46 | 0.042 | 85.98 | 0.087 | 86.50 | 0.129 |
| 85.47 | 0.043 | 85.99 | 0.088 | 86.51 | 0.129 |
| 85.48 | 0.043 | 86.00 | 0.088 | 86.52 | 0.130 |
| 85.49 | 0.044 | 86.01 | 0.089 | 86.53 | 0.131 |
| 85.50 | 0.045 | 86.02 | 0.090 | 86.54 | 0.132 |
| 85.51 | 0.046 | 86.03 | 0.091 | 86.55 | 0.132 |
| | | | | | |

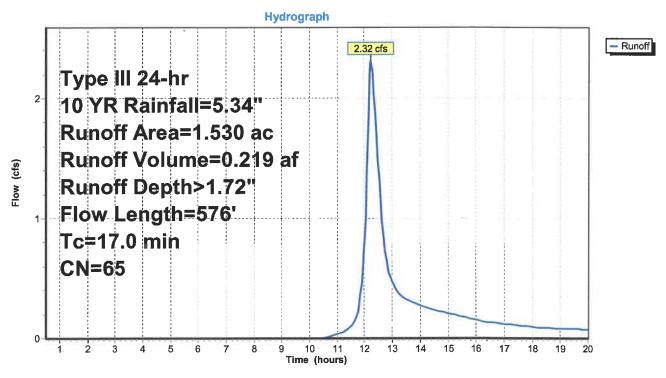
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Stage-Area-Storage for Pond 14P: POND 1 (continued)

| (feet) (acre-feet) (feet) (acre-feet) (acre-feet | Elevation | Storage | Elevation | Storage | Elevation | Storage |
|---|-----------|-------------|-----------|-------------|-----------|-------------|
| 86.57 0.134 87.09 0.167 87.61 0.189 86.58 0.135 87.10 0.167 87.62 0.190 86.59 0.135 87.11 0.168 87.63 0.190 86.60 0.136 87.12 0.168 87.64 0.191 86.62 0.137 87.13 0.169 87.65 0.191 86.62 0.137 87.14 0.169 87.66 0.191 86.63 0.138 87.15 0.170 87.66 0.191 86.64 0.139 87.16 0.170 87.68 0.192 86.65 0.140 87.17 0.170 87.68 0.192 86.65 0.140 87.17 0.170 87.68 0.192 86.66 0.140 87.18 0.171 87.70 0.193 86.66 0.140 87.18 0.171 87.70 0.193 86.67 0.141 87.19 0.171 87.70 0.193 86.69 0.142 87.20 0.172 86.69 0.142 87.20 0.172 86.69 0.142 87.21 0.172 86.70 0.144 87.23 0.173 86.71 0.144 87.23 0.173 86.72 0.145 87.24 0.173 86.75 0.147 87.28 0.175 86.76 0.147 87.28 0.175 86.76 0.147 87.28 0.175 86.79 0.149 87.30 0.176 88.80 0.150 87.32 0.176 88.80 0.150 87.32 0.177 88.88 0.150 87.32 0.177 88.88 0.151 87.33 0.177 88.88 0.151 87.33 0.177 88.88 0.151 87.33 0.177 88.88 0.151 87.33 0.177 88.88 0.155 87.34 0.178 86.89 0.155 87.34 0.178 86.89 0.155 87.34 0.178 86.89 0.156 87.34 0.188 86.89 0.156 87.40 0.188 86.89 0.156 87.40 0.188 86.89 0.156 87.40 0.180 86.89 0.156 87.40 0.185 86.90 0.166 87.55 0.185 87.40 0.185 86.90 0.166 87.55 0.185 87.40 0.185 87.40 0.185 87.40 0.185 87.40 0.185 87.40 0.185 87.40 0.185 87.40 0.185 87.40 0.185 87.40 | (feet) | (acre-feet) | (feet) | (acre-feet) | (feet) | (acre-feet) |
| 86.57 0.134 87.09 0.167 87.61 0.189 86.58 0.135 87.10 0.167 87.62 0.190 86.59 0.135 87.11 0.168 87.62 0.190 86.69 0.136 87.12 0.168 87.63 0.190 86.60 0.137 87.13 0.169 87.65 0.191 86.62 0.137 87.14 0.169 87.66 0.191 86.62 0.137 87.14 0.169 87.66 0.191 86.63 0.138 87.15 0.170 87.66 0.191 86.64 0.139 87.16 0.170 87.68 0.192 86.65 0.140 87.17 0.170 87.68 0.192 86.65 0.140 87.17 0.170 87.69 0.193 86.66 0.140 87.18 0.171 87.70 0.193 86.67 0.141 87.19 0.171 87.70 0.193 86.67 0.141 87.20 0.172 86.69 0.142 87.20 0.172 86.69 0.142 87.21 0.172 86.69 0.144 87.22 0.173 86.71 0.144 87.23 0.173 86.72 0.145 87.24 0.173 86.75 0.147 87.28 0.175 86.76 0.147 87.28 0.175 86.76 0.147 87.28 0.175 86.79 0.149 87.30 0.176 88.80 0.150 87.32 0.176 88.80 0.150 87.32 0.176 88.81 0.151 87.33 0.177 88.88 0.151 87.34 0.178 86.81 0.151 87.33 0.177 86.88 0.155 87.36 0.179 86.88 0.155 87.37 0.188 86.89 0.156 87.40 0.188 86.89 0.156 87.40 0.188 86.89 0.156 87.40 0.188 86.89 0.156 87.40 0.188 86.89 0.156 87.40 0.188 86.89 0.156 87.40 0.188 86.89 0.156 87.40 0.188 86.89 0.156 87.40 0.188 86.89 0.156 87.40 0.180 86.89 0.156 87.40 0.185 86.90 0.166 87.55 0.185 87.40 0.185 86.90 0.166 87.55 0.185 87.40 0.185 87.40 0.185 87.40 0.185 87.40 0.185 87.40 0.185 87.40 0.185 87.40 0.185 87.40 0.185 87.40 | 86.56 | 0.133 | 87.08 | 0.166 | 87.60 | 0.189 |
| 86.58 0.135 87.10 0.167 87.62 0.190 86.59 0.135 87.11 0.168 87.63 0.190 86.60 0.136 87.12 0.168 87.63 0.190 86.60 0.136 87.13 0.169 87.66 0.191 86.62 0.137 87.13 0.169 87.66 0.191 86.63 0.138 87.15 0.170 87.66 0.191 86.63 0.138 87.15 0.170 87.67 0.192 86.65 0.140 87.18 0.170 87.69 0.193 86.65 0.140 87.18 0.171 87.69 0.193 86.66 0.140 87.18 0.171 87.70 0.193 86.66 0.144 87.19 0.171 87.70 0.193 86.67 0.141 87.19 0.171 87.70 0.193 86.67 0.144 87.20 0.172 86.69 0.142 87.20 0.172 86.69 0.142 87.20 0.173 86.71 0.144 87.23 0.173 86.71 0.144 87.23 0.173 86.73 0.145 87.25 0.174 86.73 0.145 87.25 0.174 86.76 0.147 87.28 0.175 86.76 0.147 87.28 0.175 86.76 0.147 87.29 0.176 86.78 0.149 87.31 0.176 86.78 0.149 87.31 0.176 86.80 0.150 87.32 0.177 86.81 0.151 87.33 0.177 86.88 0.151 87.35 0.178 86.81 0.151 87.33 0.177 86.88 0.152 87.35 0.178 86.89 0.153 87.36 0.179 86.89 0.155 87.35 0.178 86.89 0.156 87.37 0.198 87.39 0.180 86.89 0.156 87.41 0.180 87.39 0.180 86.89 0.156 87.41 0.180 87.39 0.180 86.89 0.156 87.42 0.181 87.39 0.180 86.89 0.156 87.42 0.181 87.39 0.180 86.89 0.156 87.42 0.181 86.99 0.156 87.42 0.183 87.45 0.182 86.99 0.156 87.42 0.183 87.55 0.188 86.99 0.160 87.48 0.183 87.55 0.188 86.99 0.160 87.48 0.183 87.55 0.185 87.90 0.161 87.49 0.184 86.99 0.166 87.42 0.181 86.99 0.162 87.51 0.185 87.55 0.185 87.90 0.186 86.99 0.166 87.49 0.185 87.50 0.185 87.50 0.185 87.90 0.186 86.99 0.166 87.49 0.185 87.50 0.185 87.50 0.185 87.50 0.185 87.50 0.185 87.50 0.185 87.50 0.185 87.50 0.185 87.50 0.185 87.50 0.185 87.50 0.185 87.00 0.166 87.50 0.185 87.50 0.187 87.00 0.165 87.50 0.185 87.00 0.166 87.50 0.185 87.50 0.187 87.00 0.165 87.50 0.185 87.50 0.185 87.00 0.166 87.50 0.185 87.50 0.187 87.00 0.165 87.50 0.185 87.00 0.165 87.50 0.185 87.50 0.185 87.00 0.165 87.50 0.185 87.50 0.185 87.00 0.165 87.50 0.185 87.50 0.185 87.00 0.165 87.50 0.185 87.50 0.185 87.00 0.165 87.50 0.185 87.50 0.185 87.00 0.165 87.50 0.185 87.50 0.185 87.00 0.165 87.50 0.185 87.50 0.185 87.00 0.165 87.50 0.185 87.50 0.185 87.00 0.165 87.50 0.185 87.50 | | | | 0.167 | 87.61 | 0.189 |
| 86.59 0.136 87.11 0.168 87.63 0.190 86.60 0.137 87.12 0.168 87.64 0.191 86.61 0.137 87.13 0.169 87.65 0.191 86.62 0.137 87.14 0.169 87.66 0.191 86.63 0.138 87.15 0.170 87.67 0.192 86.64 0.139 87.16 0.170 87.67 0.192 86.65 0.140 87.17 0.170 87.69 0.193 86.66 0.140 87.17 0.170 87.69 0.193 86.66 0.140 87.18 0.171 87.70 0.193 86.66 0.144 87.19 0.171 87.70 0.193 86.69 0.142 87.20 0.172 86.69 0.142 87.20 0.172 86.69 0.144 87.22 0.173 86.71 0.144 87.23 0.173 86.71 0.144 87.23 0.173 86.72 0.145 87.24 0.173 86.73 0.145 87.25 0.174 86.75 0.147 87.27 0.175 86.76 0.147 87.27 0.175 86.76 0.147 87.28 0.175 86.76 0.147 87.28 0.176 86.76 0.147 87.28 0.176 86.79 0.149 87.30 0.176 86.80 0.150 87.32 0.177 86.81 0.151 87.33 0.177 86.82 0.151 87.34 0.178 86.83 0.152 87.35 0.178 86.84 0.153 87.35 0.178 86.84 0.153 87.35 0.179 86.85 0.153 87.35 0.179 86.86 0.154 87.39 0.180 88.89 0.156 87.40 0.180 88.89 0.156 87.40 0.180 88.89 0.156 87.40 0.180 88.89 0.156 87.40 0.180 86.89 0.155 87.40 0.180 86.89 0.156 87.41 0.181 86.90 0.156 87.42 0.181 86.90 0.156 87.42 0.181 86.90 0.156 87.44 0.182 86.93 0.158 87.45 0.182 86.94 0.159 87.47 0.183 86.99 0.162 87.45 0.185 87.45 0.185 86.99 0.162 87.55 0.185 87.40 0.185 86.99 0.162 87.55 0.185 87.40 0.185 86.99 0.162 87.55 0.185 87.40 0.185 86.99 0.162 87.55 0.185 87.40 0.185 86.99 0.162 87.55 0.185 87.40 0.185 86.99 0.162 87.55 0.185 87.40 0.185 86.99 0.162 87.55 0.185 87.40 0.185 86.99 0.162 87.55 0.185 87.40 0.185 86.99 0.162 87.55 0.185 87.40 0.185 86.99 0.162 87.55 0.185 87.40 0.185 86.99 0.162 87.55 0.185 87.40 0.185 86.99 0.162 87.55 0.185 87.40 0.185 87.90 0.185 86.99 0.162 87.55 0.185 87.40 0.185 87.90 | | | | | | |
| 86.60 0.136 87.12 0.168 87.64 0.191 86.62 0.137 87.13 0.169 87.65 0.191 86.62 0.137 87.14 0.169 87.66 0.191 86.63 0.138 87.15 0.170 87.68 0.192 86.65 0.140 87.18 0.171 87.69 0.193 86.66 0.140 87.18 0.171 87.70 0.193 86.67 0.141 87.20 0.172 87.69 0.193 86.69 0.142 87.20 0.172 87.69 0.193 86.70 0.141 87.20 0.172 87.70 0.193 86.70 0.143 87.22 0.173 86.71 0.144 87.23 0.173 86.71 0.144 87.23 0.175 86.73 0.145 87.25 0.174 86.73 0.145 87.26 0.174 87.28 0.175 86.76 0.147 8 | | | | | | |
| 86.61 0.137 87.13 0.169 87.65 0.191 86.63 0.138 87.15 0.170 87.67 0.192 86.64 0.139 87.16 0.170 87.68 0.192 86.65 0.140 87.17 0.170 87.69 0.193 86.66 0.140 87.18 0.171 87.70 0.193 86.67 0.141 87.19 0.171 87.70 0.193 86.69 0.142 87.20 0.172 86.70 0.143 87.22 0.173 86.70 0.143 87.22 0.173 86.71 0.144 87.23 0.173 86.71 0.144 87.23 0.173 86.73 0.145 87.24 0.173 86.73 0.145 87.25 0.174 86.75 0.147 87.27 0.175 86.76 0.147 87.28 0.176 86.76 0.147 87.29 0.176 86.79 0.149 87.31 < | | | | | | |
| 86.62 0.137 87.14 0.169 87.66 0.191 86.63 0.138 87.15 0.170 87.67 0.192 86.64 0.139 87.16 0.170 87.68 0.192 86.65 0.140 87.17 0.170 87.69 0.193 86.66 0.140 87.18 0.171 87.70 0.193 86.67 0.141 87.19 0.171 87.70 0.193 86.68 0.142 87.20 0.172 86.69 0.142 87.20 0.172 86.69 0.142 87.21 0.172 86.70 0.143 87.22 0.173 86.71 0.144 87.23 0.173 86.71 0.144 87.23 0.173 86.71 0.144 87.23 0.173 86.71 0.144 87.22 0.173 86.71 0.144 87.28 0.175 86.76 0.147 87.28 0.175 86.76 0.147 87.28 0.175 86.87 0.149 87.3 | | | | | | |
| 86.63 0.139 87.15 0.170 87.68 0.192 86.64 0.139 87.16 0.170 87.68 0.192 86.65 0.140 87.18 0.171 87.69 0.193 86.66 0.140 87.18 0.171 87.70 0.193 86.67 0.141 87.19 0.171 87.70 0.193 86.68 0.142 87.21 0.172 86.69 0.142 87.21 0.172 86.70 0.143 87.22 0.173 86.71 0.144 87.23 0.173 86.71 0.144 87.23 0.173 86.73 0.145 87.24 0.173 86.73 0.145 87.25 0.174 86.75 0.147 87.27 0.175 86.76 0.147 87.27 0.175 86.76 0.147 87.29 0.176 86.79 0.149 87.31 0.176 86.81 0.150 87.32 0.177 86.81 < | | | | | | |
| 86.64 0.139 87.16 0.170 87.68 0.192 86.65 0.140 87.17 0.170 87.69 0.193 86.66 0.140 87.18 0.171 87.70 0.193 86.67 0.141 87.19 0.171 87.71 0.194 86.69 0.142 87.20 0.172 86.70 0.143 87.22 0.173 86.70 0.143 87.22 0.173 86.71 0.144 87.23 0.173 86.71 0.144 87.23 0.173 86.72 0.145 87.25 0.174 86.73 0.145 87.25 0.174 86.75 0.147 87.27 0.175 86.76 0.147 87.28 0.175 86.76 0.147 87.28 0.175 86.79 0.149 87.31 0.176 86.80 0.150 87.32 0.177 86.81 0.151 87.35 0.178 86.81 0.151 87.35 0.178 < | | | | | | |
| 86.65 0.140 87.17 0.170 87.69 0.193 86.66 0.140 87.18 0.171 87.70 0.193 86.67 0.141 87.19 0.171 87.70 0.193 86.68 0.142 87.20 0.172 87.71 0.194 86.69 0.142 87.21 0.172 0.172 0.172 86.70 0.143 87.22 0.173 0.173 0.173 86.71 0.144 87.23 0.173 0.173 0.173 86.72 0.145 87.24 0.173 0.174 0.174 0.175 0.174 0.175 0.175 0.174 0.175 0.175 0.174 0.175 0.174 0.175 0.175 0.175 0.175 0.175 0.176 0.175 0.176 0.176 0.176 0.176 0.176 0.176 0.176 0.176 0.176 0.176 0.176 0.176 0.176 0.176 0.176 0.176 0.177 0.17 | | | | | | |
| 86.66 0.140 87.18 0.171 87.70 0.193 86.67 0.141 87.19 0.172 87.71 0.194 86.69 0.142 87.20 0.172 87.71 0.194 86.70 0.143 87.22 0.173 86.71 0.144 87.23 0.173 86.71 0.144 87.23 0.173 86.72 0.145 87.25 0.174 86.72 0.145 87.25 0.174 86.75 0.147 87.28 0.175 86.74 0.146 87.26 0.174 86.75 0.147 87.28 0.175 86.75 0.147 87.28 0.175 86.76 0.147 87.29 0.176 86.70 0.149 87.31 0.176 86.79 0.149 87.31 0.176 86.80 0.150 87.32 0.177 86.82 0.151 87.34 0.178 86.82 0.151 87.34 0.178 86.85 0.153 | | | | | | |
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| 87.01 0.163 87.53 0.186 87.02 0.163 87.54 0.186 87.03 0.164 87.55 0.187 87.04 0.164 87.56 0.187 87.05 0.165 87.57 0.188 87.06 0.165 87.58 0.188 | 86.99 | | | | | |
| 87.02 0.163 87.54 0.186 87.03 0.164 87.55 0.187 87.04 0.164 87.56 0.187 87.05 0.165 87.57 0.188 87.06 0.165 87.58 0.188 | | | | | | |
| 87.03 0.164 87.55 0.187 87.04 0.164 87.56 0.187 87.05 0.165 87.57 0.188 87.06 0.165 87.58 0.188 | | | | | | |
| 87.04 0.164 87.56 0.187 87.05 0.165 87.57 0.188 87.06 0.165 87.58 0.188 | 87.02 | 0.163 | 87.54 | | | |
| 87.05 0.165 87.57 0.188 87.06 0.165 87.58 0.188 | 87.03 | 0.164 | 87.55 | 0.187 | | |
| 87.05 0.165 87.57 0.188 87.06 0.165 87.58 0.188 | 87.04 | 0.164 | 87.56 | | | |
| 87.06 0.165 87.58 0.188 | | 0.165 | | 0.188 | | |
| | | | | 0.188 | | |
| | | | | | | |
| | | | | | | |

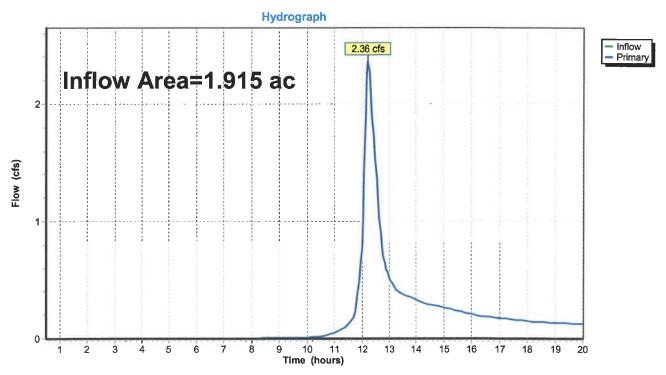
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Subcatchment 15S: YD

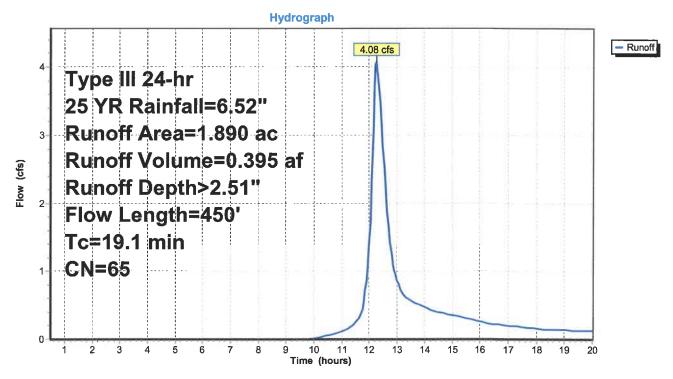


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Link 16L: P-OUT YD

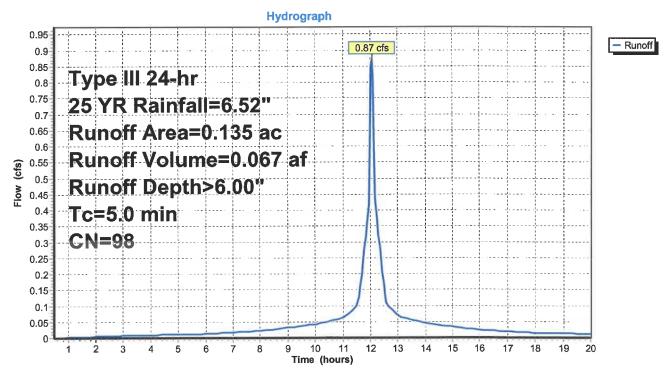


Subcatchment 3S: EX

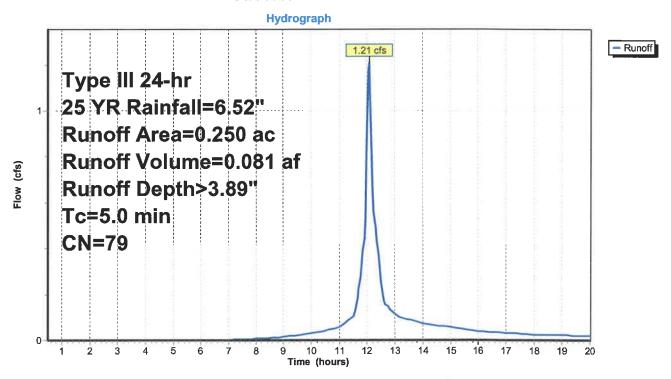


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Subcatchment 10S: ROOF

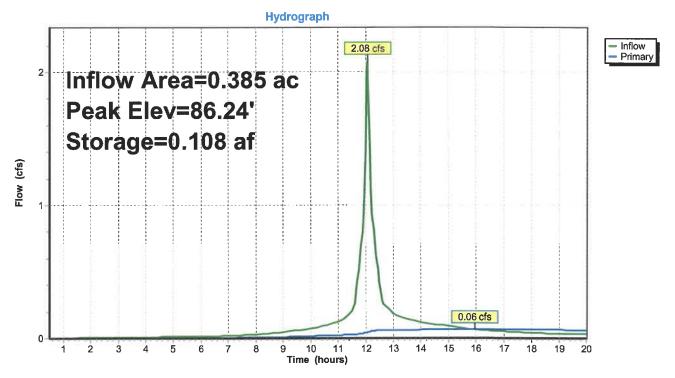


Subcatchment 13S: REV A



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Pond 14P: POND 1



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GAL 8-25-20..hcp add roof Prepared by Hewlett-Packard Company HydroCAD® 10.10-4a s/n 01461 © 2020 HydroCAD Software Solutions LLC

Stage-Discharge for Pond 14P: POND 1

| Elevation | Primary | Elevation | Primary | Elevation | Primary | Elevation | Primary |
|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|
| (feet) | (cfs) | (feet) | (cfs) | (feet) | (cfs) | (feet) | (cfs) |
| 85.00 | 0.00 | 85.52 | 0.04 | 86.04 | 0.06 | 86.56 | 0.07 |
| 85.01 | 0.00 | 85.53 | 0.04 | 86.05 | 0.06 | 86.57 | 0.07 |
| 85.02 | 0.00 | 85.54 | 0.04 | 86.06 | 0.06 | 86.58 | 0.07 |
| 85.03 | 0.00 | 85.55 | 0.04 | 86.07 | 0.06 | 86.59 | 0.07 |
| 85.04 | 0.00 | 85.56 | 0.04 | 86.08 | 0.06 | 86.60 | 0.07 |
| 85.05 | 0.00 | 85.57 | 0.04 | 86.09 | 0.06 | 86.61 | 0.07 |
| 85.06 | 0.00 | 85.58 | 0.04 | 86.10 | 0.06 | 86.62 | 0.07 |
| 85.07 | 0.01 | 85.59 | 0.04 | 86.11 | 0.06 | 86.63 | 0.07 |
| 85.08 | 0.01 | 85.60 | 0.04 | 86.12 | 0.06 | 86.64 | 0.07 |
| 85.09 | 0.01 | 85.61 | 0.04 | 86.13 | 0.06 | 86.65 | 0.07 |
| 85.10 | 0.01 | 85.62 | 0.04 | 86.14 | 0.06 | 86.66 | 0.07 |
| 85.11 | 0.01 | 85.63 | 0.04 | 86.15 | 0.06 | 86.67 | 0.07 |
| 85.12 | 0.01 | 85.64 | 0.04 | 86.16 | 0.06 | 86.68 | 0.08 |
| 85.13 | 0.02 | 85.65 | 0.05 | 86.17 | 0.06 | 86.69 | 0.08 |
| 85.14 | 0.02 | 85.66 | 0.05 | 86.18 | 0.06 | 86.70 | 0.08 |
| 85.15 | 0.02 | 85.67 | 0.05 | 86.19 | 0.06 | 86.71 | 0.08 |
| 85.16 | 0.02 | 85.68 | 0.05 | 86.20 | 0.06 | 86.72 | 0.08 |
| 85.17 | 0.02 | 85.69 | 0.05 | 86.21 | 0.06 | 86.73 | 0.08 |
| 85.18 | 0.02 | 85.70 | 0.05 | 86.22 | 0.06 | 86.74 | 0.08 |
| 85.19 | 0.02 | 85.71 | 0.05 | 86.23 | 0.06 | 86.75 | 0.08 |
| 85.20 | 0.02 | 85.72 | 0.05 | 86.24 | 0.06 | 86.76 | 0.08 |
| 85.21 | 0.02 | 85.73 | 0.05 | 86.25 | 0.06 | 86.77 | 0.08 |
| 85.22 | 0.02 | 85.74 | 0.05 | 86.26 | 0.06 | 86.78 | 0.08 |
| 85.23 | 0.02 | 85.75 | 0.05 | 86.27 | 0.06 | 86.79 | 0.08 |
| 85.24 | 0.02 | 85.76 | 0.05 | 86.28 | 0.07 | 86.80 | 0.08 |
| 85.25 | 0.03 | 85.77 | 0.05 | 86.29 | 0.07 0.07 | 86.81 | 0.08 |
| 85.26 | 0.03 | 85.78 | 0.05 0.05 | 86.30 86.31 | 0.07 | 86.82 86.83 | 0.08 |
| 85.27 | 0.03 0.03 | 85.79 | 0.05 | 86.32 | 0.07 | 86.84 | 0.08 |
| 85.28 85.29 | 0.03 | 85.80 85.81 | 0.05 | 86.33 | 0.07 | 86.85 | 0.08 0.08 |
| 85.30 | 0.03 | 85.82 | 0.05 | 86.34 | 0.07 | 86.86 | 0.08 |
| 85.31 | 0.03 | 85.83 | 0.05 | 86.35 | 0.07 | 86.87 | 0.08 |
| 85.32 | 0.03 | 85.84 | 0.05 | 86.36 | 0.07 | 86.88 | 0.08 |
| 85.33 | 0.03 | 85.85 | 0.05 | 86.37 | 0.07 | 86.89 | 0.08 |
| 85.34 | 0.03 | 85.86 | 0.05 | 86.38 | 0.07 | 86.90 | 0.08 |
| 85.35 | 0.03 | 85.87 | 0.05 | 86.39 | 0.07 | 86.91 | 0.08 |
| 85.36 | 0.03 | 85.88 | 0.05 | 86.40 | 0.07 | 86.92 | 0.08 |
| 85.37 | 0.03 | 85.89 | 0.05 | 86.41 | 0.07 | 86.93 | 0.08 |
| 85.38 | 0.03 | 85.90 | 0.05 | 86.42 | 0.07 | 86.94 | 0.08 |
| 85.39 | 0.03 | 85.91 | 0.05 | 86.43 | 0.07 | 86.95 | 0.08 |
| 85.40 | 0.03 | 85.92 | 0.05 | 86.44 | 0.07 | 86.96 | 0.08 |
| 85.41 | 0.03 | 85.93 | 0.06 | 86.45 | 0.07 | 86.97 | 0.08 |
| 85.42 | 0.04 | 85.94 | 0.06 | 86.46 | 0.07 | 86.98 | 0.08 |
| 85.43 | 0.04 | 85.95 | 0.06 | 86.47 | 0.07 | 86.99 | 0.08 |
| 85.44 | 0.04 | 85.96 | 0.06 | 86.48 | 0.07 | 87.00 | 0.08 |
| 85.45 | 0.04 | 85.97 | 0.06 | 86.49 | 0.07 | 87.01 | 0.08 |
| 85.46 | 0.04 | 85.98 | 0.06 | 86.50 | 0.07 | 87.02 | 0.08 |
| 85.47 | 0.04 | 85.99 | 0.06 | 86.51 | 0.07 | 87.03 | 0.08 |
| 85.48 | 0.04 | 86.00 | 0.06 | 86.52 | 0.07 | 87.04 | 0.08 |
| 85.49 | 0.04 | 86.01 | 0.06 | 86.53 | 0.07 | 87.05 | 0.08 |
| 85.50 | 0.04 | 86.02 | 0.06 | 86.54 | 0.07 | 87.06 | 0.08 |
| 85.51 | 0.04 | 86.03 | 0.06 | 86.55 | 0.07 | 87.07 | 0.08 |
| | | l, | | | | | |

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Primary

(cfs)

0.09

0.09

0.09

0.09

0.10

0.10

0.10

0.10

0.10

0.10 **0.10**

Elevation

(feet)

87.60

87.61

87.62

87.63

87.64

87.65 87.66

87.67

87.68

87.69

87.70

87.71

Stage-Discharge for Pond 14P: POND 1 (continued)

| Elevation (feet) | Primary (cfs) |
|-------------------------|------------------|
| 87.08 | 0.08 |
| 87.09 87.10 | 0.08 0.08 |
| 87.11 87.12 | 0.08 0.08 |
| 87.13 | 0.08 |
| 87.14 87.15 | 0.09 0.09 |
| 87.16 | 0.09 |
| 87.17 87.18 | 0.09 0.09 |
| 87.19 | 0.09 |
| 87.20 87.21 | 0.09 0.09 |
| 87.22 | 0.09 |
| 87.23 87.24 | 0.09 0.09 |
| 87.25 | 0.09 |
| 87.26 87.27 | 0.09 0.09 |
| 87.28 | 0.09 0.09 |
| 87.29 87.30 | 0.09 |
| 87.31 87.32 | 0.09 0.09 |
| 87.33 | 0.09 |
| 87.34 87.35 | 0.09 0.09 |
| 87.35 87.36 87.37 | 0.09 |
| 87.38 | 0.09 0.09 |
| 87.39 87.40 | 0.09 0.09 |
| 87.41 | 0.09 |
| 87.42 87.43 | 0.09 0.09 |
| 87.44 | 0.09 |
| 87.45 87.46 | 0.09 0.09 |
| 87.47 | 0.09 |
| 87.48 87.49 | 0.09 0.09 |
| 87.50 87.51 | 0.09 0.09 |
| 87.52 | 0.09 |
| 87.53 87.54 | 0.09 0.09 |
| 87.55 | 0.09 |
| 87.56 87.57 | 0.09 0.09 |
| 87.58 87.59 | 0.09 |
| 07.00 | 0.00 |

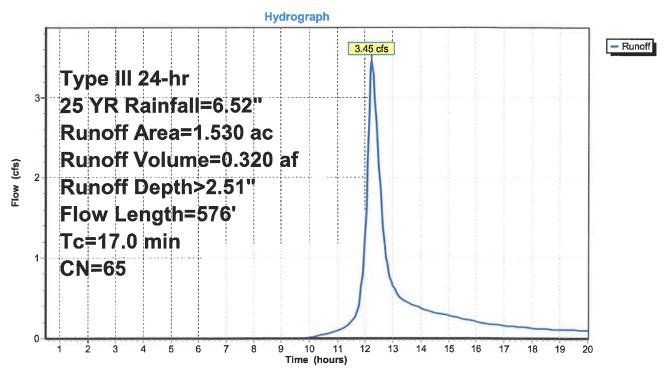
Stage-Area-Storage for Pond 14P: POND 1

| Elevation | Storage | Elevation | Storage | Elevation | Storage |
|----------------|----------------|----------------|----------------|----------------|----------------|
| (feet) | (acre-feet) | (feet) | (acre-feet) | (feet) | (acre-feet) |
| 85.00 | 0.000 | 85.52 | 0.047 | 86.04 | 0.092 |
| 85.01 | 0.001 | 85.53 | 0.048 | 86.05 | 0.093 |
| 85.02 | 0.002 | 85.54 | 0.049 | 86.06 | 0.093 |
| 85.03 | 0.003 | 85.55 | 0.050 | 86.07 | 0.094 |
| 85.04 | 0.004 | 85.56 | 0.051 | 86.08 | 0.095 |
| 85.05 | 0.005 | 85.57 | 0.051 | 86.09 | 0.096 |
| 85.06 | 0.006 | 85.58 | 0.052 | 86.10 | 0.097 |
| 85.07 | 0.006 | 85.59 | 0.053 | 86.11 | 0.098 |
| 85.08 | 0.007 | 85.60 | 0.054 | 86.12 | 0.098 |
| 85.09 | 0.008 | 85.61 | 0.055 | 86.13 | 0.099 |
| 85.10 95.11 | 0.009 0.010 | 85.62 85.63 | 0.056 0.057 | 86.14 86.15 | 0.100 0.101 |
| 85.11 85.12 | 0.010 | 85.64 | 0.058 | 86.16 | 0.101 |
| 85.13 | 0.012 | 85.65 | 0.058 | 86.17 | 0.102 |
| 85.14 | 0.012 | 85.66 | 0.059 | 86.18 | 0.103 |
| 85.15 | 0.014 | 85.67 | 0.060 | 86.19 | 0.104 |
| 85.16 | 0.015 | 85.68 | 0.061 | 86.20 | 0.105 |
| 85.17 | 0.016 | 85.69 | 0.062 | 86.21 | 0.106 |
| 85.18 | 0.016 | 85.70 | 0.063 | 86.22 | 0.107 |
| 85.19 | 0.017 | 85.71 | 0.064 | 86.23 | 0.107 |
| 85.20 | 0.018 | 85.72 | 0.065 | 86.24 | 0.108 |
| 85.21 | 0.019 | 85.73 | 0.065 | 86.25 | 0.109 |
| 85.22 | 0.020 | 85.74 | 0.066 | 86.26 | 0.110 |
| 85.23 | 0.021 | 85.75 | 0.067 | 86.27 | 0.111 |
| 85.24 | 0.022 | 85.76 | 0.068 | 86.28 | 0.111 |
| 85.25 | 0.023 | 85.77 | 0.069 | 86.29 | 0.112 |
| 85.26 | 0.024 | 85.78 | 0.070 0.071 | 86.30 86.31 | 0.113 0.114 |
| 85.27 85.28 | 0.025 0.026 | 85.79 85.80 | 0.071 | 86.32 | 0.114 |
| 85.29 | 0.026 | 85.81 | 0.071 | 86.33 | 0.115 |
| 85.30 | 0.027 | 85.82 | 0.072 | 86.34 | 0.116 |
| 85.31 | 0.028 | 85.83 | 0.074 | 86.35 | 0.117 |
| 85.32 | 0.029 | 85.84 | 0.075 | 86.36 | 0.118 |
| 85.33 | 0.030 | 85.85 | 0.076 | 86.37 | 0.119 |
| 85.34 | 0.031 | 85.86 | 0.077 | 86.38 | 0.119 |
| 85.35 | 0.032 | 85.87 | 0.077 | 86.39 | 0.120 |
| 85.36 | 0.033 | 85.88 | 0.078 | 86.40 | 0.121 |
| 85.37 | 0.034 | 85.89 | 0.079 | 86.41 | 0.122 |
| 85.38 | 0.035 | 85.90 | 0.080 | 86.42 | 0.122 |
| 85.39 | 0.035 | 85.91 | 0.081 | 86.43 | 0.123 |
| 85.40 | 0.036 | 85.92 | 0.082 0.082 | 86.44 86.45 | 0.124 0.125 |
| 85.41 85.42 | 0.037 0.038 | 85.93 85.94 | 0.082 | 86.46 | 0.125 |
| 85.43 | 0.039 | 85.95 | 0.084 | 86.47 | 0.126 |
| 85.44 | 0.040 | 85.96 | 0.085 | 86.48 | 0.127 |
| 85.45 | 0.041 | 85.97 | 0.086 | 86.49 | 0.128 |
| 85.46 | 0.042 | 85.98 | 0.087 | 86.50 | 0.129 |
| 85.47 | 0.043 | 85.99 | 0.088 | 86.51 | 0.129 |
| 85.48 | 0.043 | 86.00 | 0.088 | 86.52 | 0.130 |
| 85.49 | 0.044 | 86.01 | 0.089 | 86.53 | 0.131 |
| 85.50 | 0.045 | 86.02 | 0.090 | 86.54 | 0.132 |
| 85.51 | 0.046 | 86.03 | 0.091 | 86.55 | 0.132 |
| | | | | Į, | |

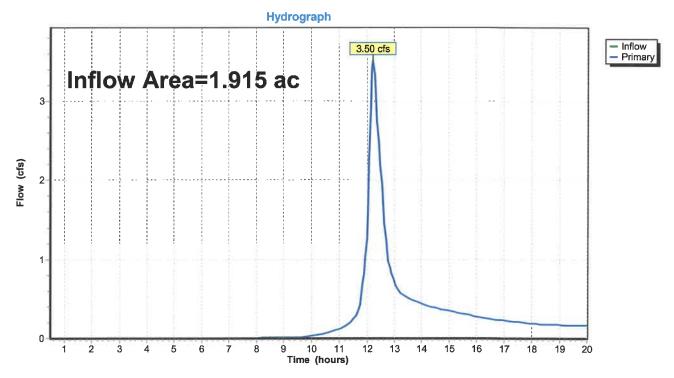
Stage-Area-Storage for Pond 14P: POND 1 (continued)

| Elevation | Storage | Elevation | Storage | Elevation | Storage |
|----------------|----------------|----------------|----------------|-----------|-------------|
| (feet) | (acre-feet) | (feet) | (acre-feet) | (feet) | (acre-feet) |
| 86.56 | 0.133 | 87.08 | 0.166 | 87.60 | 0.189 |
| 86.57 | 0.134 | 87.09 | 0.167 | 87.61 | 0.189 |
| 86.58 | 0.135 | 87.10 | 0.167 | 87.62 | 0.190 |
| 86.59 | 0.135 | 87.11 | 0.168 | 87.63 | 0.190 |
| 86.60 | 0.136 | 87.12 | 0.168 | 87.64 | 0.191 |
| 86.61 | 0.137 | 87.13 | 0.169 | 87.65 | 0.191 |
| 86.62 | 0.137 | 87.14 | 0.169 | 87.66 | 0.191 |
| 86.63 | 0.138 | 87.15 | 0.170 | 87.67 | 0.192 |
| 86.64 | 0.139 | 87.16 | 0.170 | 87.68 | 0.192 |
| 86.65 | 0.140 | 87.17 | 0.170 | 87.69 | 0.193 |
| 86.66 | 0.140 | 87.18 | 0.171 | 87.70 | 0.193 |
| 86.67 | 0.141 | 87.19 | 0.171 | 87.71 | 0.194 |
| 86.68 | 0.142 | 87.20 | 0.172 | | |
| 86.69 | 0.142 | 87.21 | 0.172 | | |
| 86.70 | 0.143 | 87.22 | 0.173 | | |
| 86.71 | 0.144 | 87.23 | 0.173 | | |
| 86.72 | 0.145 | 87.24 | 0.173 | | |
| 86.73 | 0.145 | 87.25 | 0.174 | | |
| 86.74 | 0.146 | 87.26 | 0.174 | | |
| 86.75 | 0.147 | 87.27 | 0.175 | | |
| 86.76 | 0.147 | 87.28 | 0.175 | | |
| 86.77 | 0.148 | 87.29 | 0.176 | | |
| 86.78 | 0.149 | 87.30 | 0.176 | | |
| 86.79 | 0.149 | 87.31 | 0.176 | | |
| 86.80 | 0.150 | 87.32 | 0.177 | | |
| 86.81 | 0.151 | 87.33 | 0.177 | | |
| 86.82 | 0.151 | 87.34 | 0.178 | | |
| 86.83 | 0.152 | 87.35 | 0.178 | | |
| 86.84 | 0.153 | 87.36 | 0.179 | | |
| 86.85 | 0.153 | 87.37 | 0.179 | | |
| 86.86 | 0.154 | 87.38 | 0.179 | | |
| 86.87 | 0.155 | 87.39 | 0.180 | | |
| 86.88 | 0.155 | 87.40 | 0.180 | | |
| 86.89 | 0.156 | 87.41 | 0.181 | | |
| 86.90 | 0.156 | 87.42 87.43 | 0.181 0.182 | | |
| 86.91 86.92 | 0.157 0.158 | 87.44 | 0.182 | | |
| 86.93 | 0.158 | 87.45 | 0.182 | | |
| 86.94 | 0.159 | 87.46 | 0.182 | | |
| 86.95 | 0.159 | 87.47 | 0.183 | | |
| 86.96 | 0.160 | 87.48 | 0.184 | | |
| 86.97 | 0.161 | 87.49 | 0.184 | | |
| 86.98 | 0.161 | 87.50 | 0.185 | | |
| 86.99 | 0.162 | 87.51 | 0.185 | | |
| 87.00 | 0.162 | 87.52 | 0.185 | | |
| 87.01 | 0.163 | 87.53 | 0.186 | | |
| 87.02 | 0.163 | 87.54 | 0.186 | | |
| 87.03 | 0.164 | 87.55 | 0.187 | | |
| 87.04 | 0.164 | 87.56 | 0.187 | | |
| 87.05 | 0.165 | 87.57 | 0.188 | | |
| 87.06 | 0.165 | 87.58 | 0.188 | | |
| 87.07 | 0.166 | 87.59 | 0.188 | | |
| | | | | | |

Subcatchment 15S: YD

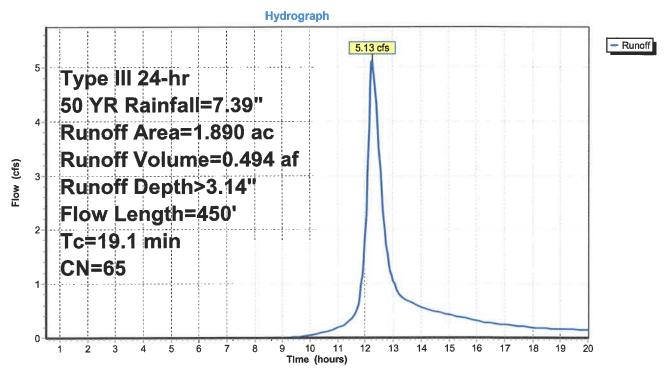


Link 16L: P-OUT YD



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Subcatchment 3S: EX

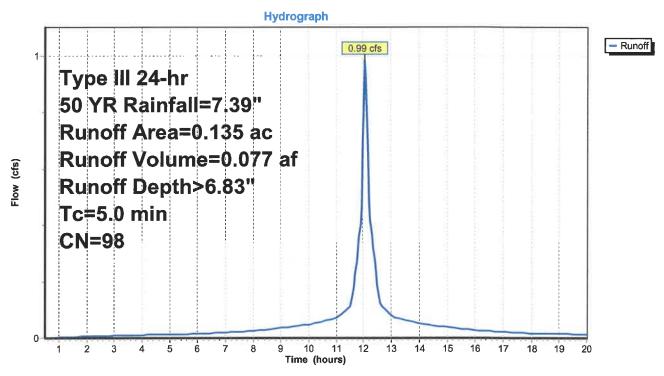


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Printed 9/4/2020

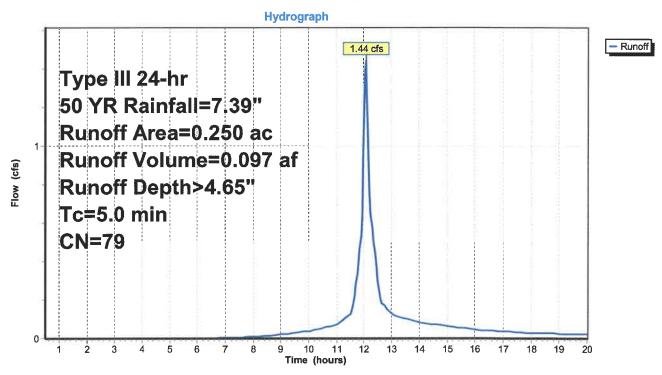
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Subcatchment 10S: ROOF



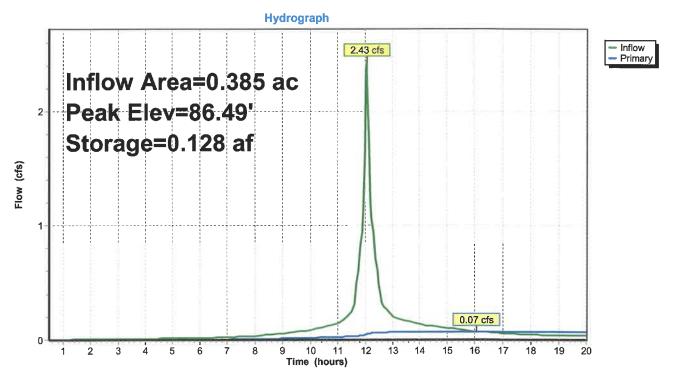
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Subcatchment 13S: REV A



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Pond 14P: POND 1



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Stage-Discharge for Pond 14P: POND 1

| Elevation | Primary | Elevation | Primary | Elevation | Primary | Elevation | Primary |
|-----------|---------|-----------|---------|-----------|----------------|-----------|---------|
| (feet) | (cfs) | (feet) | (cfs) | (feet) | (cfs) | (feet) | (cfs) |
| 85.00 | 0.00 | 85.52 | 0.04 | 86.04 | 0.06 | 86.56 | 0.07 |
| 85.01 | 0.00 | 85.53 | 0.04 | 86.05 | 0.06 | 86.57 | 0.07 |
| 85.02 | 0.00 | 85.54 | 0.04 | 86.06 | 0.06 | 86.58 | 0.07 |
| 85.03 | 0.00 | 85.55 | 0.04 | 86.07 | 0.06 | 86.59 | 0.07 |
| 85.04 | 0.00 | 85.56 | 0.04 | 86.08 | 0.06 | 86.60 | 0.07 |
| 85.05 | 0.00 | 85.57 | 0.04 | 86.09 | 0.06 | 86.61 | 0.07 |
| 85.06 | 0.00 | 85.58 | 0.04 | 86.10 | 0.06 | 86.62 | 0.07 |
| 85.07 | 0.01 | 85.59 | 0.04 | 86.11 | 0.06 | 86.63 | 0.07 |
| 85.08 | 0.01 | 85.60 | 0.04 | 86.12 | 0.06 | 86.64 | 0.07 |
| 85.09 | 0.01 | 85.61 | 0.04 | 86.13 | 0.06 | 86.65 | 0.07 |
| 85.10 | 0.01 | 85.62 | 0.04 | 86.14 | 0.06 | 86.66 | 0.07 |
| 85.11 | 0.01 | 85.63 | 0.04 | 86.15 | 0.06 | 86.67 | 0.07 |
| 85.12 | 0.01 | 85.64 | 0.04 | 86.16 | 0.06 | 86.68 | 0.08 |
| 85.13 | 0.02 | 85.65 | 0.05 | 86.17 | 0.06 | 86.69 | 0.08 |
| 85.14 | 0.02 | 85.66 | 0.05 | 86.18 | 0.06 | 86.70 | 0.08 |
| 85.15 | 0.02 | 85.67 | 0.05 | 86.19 | 0.06 | 86.71 | 80.0 |
| 85.16 | 0.02 | 85.68 | 0.05 | 86.20 | 0.06 | 86.72 | 0.08 |
| 85.17 | 0.02 | 85.69 | 0.05 | 86.21 | 0.06 | 86.73 | 0.08 |
| 85.18 | 0.02 | 85.70 | 0.05 | 86.22 | 0.06 | 86.74 | 0.08 |
| 85.19 | 0.02 | 85.71 | 0.05 | 86.23 | 0.06 | 86.75 | 0.08 |
| 85.20 | 0.02 | 85.72 | 0.05 | 86.24 | 0.06 | 86.76 | 0.08 |
| 85.21 | 0.02 | 85.73 | 0.05 | 86.25 | 0.06 | 86.77 | 0.08 |
| 85.22 | 0.02 | 85.74 | 0.05 | 86.26 | 0.06 | 86.78 | 0.08 |
| 85.23 | 0.02 | 85.75 | 0.05 | 86.27 | 0.06 | 86.79 | 0.08 |
| 85.24 | 0.02 | 85.76 | 0.05 | 86.28 | 0.07 | 86.80 | 0.08 |
| 85.25 | 0.03 | 85.77 | 0.05 | 86.29 | 0.07 | 86.81 | 0.08 |
| 85.26 | 0.03 | 85.78 | 0.05 | 86.30 | 0.07 | 86.82 | 0.08 |
| 85.27 | 0.03 | 85.79 | 0.05 | 86.31 | 0.07 | 86.83 | 0.08 |
| 85.28 | 0.03 | 85.80 | 0.05 | 86.32 | 0.07 | 86.84 | 0.08 |
| 85.29 | 0.03 | 85.81 | 0.05 | 86.33 | 0.07 | 86.85 | 0.08 |
| 85.30 | 0.03 | 85.82 | 0.05 | 86.34 | 0.07 | 86.86 | 0.08 |
| 85.31 | 0.03 | 85.83 | 0.05 | 86.35 | 0.07 | 86.87 | 0.08 |
| 85.32 | 0.03 | 85.84 | 0.05 | 86.36 | 0.07 | 86.88 | 0.08 |
| 85.33 | 0.03 | 85.85 | 0.05 | 86.37 | 0.07 | 86.89 | 0.08 |
| 85.34 | 0.03 | 85.86 | 0.05 | 86.38 | 0.07 | 86.90 | 0.08 |
| 85.35 | 0.03 | 85.87 | 0.05 | 86.39 | 0.07 | 86.91 | 0.08 |
| 85.36 | 0.03 | 85.88 | 0.05 | 86.40 | 0.07 | 86.92 | 0.08 |
| 85.37 | 0.03 | 85.89 | 0.05 | 86.41 | 0.07 | 86.93 | 0.08 |
| 85.38 | 0.03 | 85.90 | 0.05 | 86.42 | 0.07 | 86.94 | 0.08 |
| 85.39 | 0.03 | 85.91 | 0.05 | 86.43 | 0.07 | 86.95 | 0.08 |
| 85.40 | 0.03 | 85.92 | 0.05 | 86.44 | 0.07 | 86.96 | 0.08 |
| 85.41 | 0.03 | 85.93 | 0.06 | 86.45 | 0.07 | 86.97 | 0.08 |
| 85.42 | 0.04 | 85.94 | 0.06 | 86.46 | 0.07 | 86.98 | 0.08 |
| 85.43 | 0.04 | 85.95 | 0.06 | 86.47 | 0.07 | 86.99 | 0.08 |
| 85.44 | 0.04 | 85.96 | 0.06 | 86.48 | 0.07 | 87.00 | 0.08 |
| 85.45 | 0.04 | 85.97 | 0.06 | 86.49 | 0.07 | 87.01 | 0.08 |
| 85.46 | 0.04 | 85.98 | 0.06 | 86.50 | 0.07 | 87.02 | 0.08 |
| 85.47 | 0.04 | 85.99 | 0.06 | 86.51 | 0.07 | 87.03 | 0.08 |
| 85.48 | 0.04 | 86.00 | 0.06 | 86.52 | 0.07 | 87.04 | 0.08 |
| 85.49 | 0.04 | 86.01 | 0.06 | 86.53 | 0.07 | 87.05 | 0.08 |
| 85.50 | 0.04 | 86.02 | 0.06 | 86.54 | 0.07 | 87.06 | 0.08 |
| 85.51 | 0.04 | 86.03 | 0.06 | 86.55 | 0.07 | 87.07 | 0.08 |
| | | | | | = 3 = . | | |

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Primary

(cfs)

0.09 0.09

0.09

0.09

0.09

0.10

0.10 0.10

0.10 0.10

0.10

0.10

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Stage-Discharge for Pond 14P: POND 1 (continued)

| Elevation (feet) | Primary (cfs) | Elevation (feet) |
|---------------------|------------------|------------------|
| 87.08 | 0.08 | 87.60 |
| 87.09 | 0.08 | 87.61 |
| 87.10 | 0.08 | 87.62 |
| 87.11 87.12 | 0.08 0.08 | 87.63 87.64 |
| 87.13 | 0.08 | 87.65 |
| 87.14 | 0.09 | 87.66 |
| 87.15 | 0.09 | 87.67 |
| 87.16 87.17 | 0.09 0.09 | 87.68 87.69 |
| 87.18 | 0.09 | 87.70 |
| 87.19 | 0.09 | 87.71 |
| 87.20 87.21 | 0.09 0.09 | |
| 87.22 | 0.09 | |
| 87.23 | 0.09 | |
| 87.24 | 0.09 | |
| 87.25 87.26 | 0.09 0.09 | |
| 87.27 | 0.09 | |
| 87.28 | 0.09 | |
| 87.29 87.30 | 0.09 0.09 | |
| 87.31 | 0.09 | |
| 87.32 | 0.09 | |
| 87.33 87.34 | 0.09 0.09 | |
| 87.35 | 0.09 | |
| 87.36 | 0.09 | |
| 87.37 | 0.09 | |
| 87.38 87.39 | 0.09 0.09 | |
| 87.40 | 0.09 | |
| 87.41 | 0.09 | |
| 87.42 87.43 | 0.09 0.09 | |
| 87.44 | 0.09 | |
| 87.45 | 0.09 | |
| 87.46 87.47 | 0.09 | |
| 87.47 87.48 | 0.09 0.09 | |
| 87.49 | 0.09 | |
| 87.50 | 0.09 | |
| 87.51 87.52 | 0.09 0.09 | |
| 87.53 | 0.09 | |
| 87.54 | 0.09 | |
| 87.55 87.56 | 0.09 0.09 | |
| 87.50 87.57 | 0.09 | |
| 87.58 | 0.09 | |
| 87.59 | 0.09 | |
| | ļ | |

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Stage-Area-Storage for Pond 14P: POND 1

| Elevetion | Ctonono | | Chanana | | Ctama |
|-----------------|----------------------|-----------------|----------------------|-----------------|----------------------|
| Elevation | Storage | Elevation | Storage | Elevation | Storage |
| (feet) 85.00 | (acre-feet) 0.000 | (feet) 85.52 | (acre-feet) 0.047 | (feet) 86.04 | (acre-feet) 0.092 |
| 85.01 | 0.001 | 85.53 | 0.047 | 86.05 | 0.092 |
| 85.02 | 0.002 | 85.54 | 0.049 | 86.06 | 0.093 |
| 85.03 | 0.002 | 85.55 | 0.050 | 86.07 | 0.094 |
| 85.04 | 0.004 | 85.56 | 0.051 | 86.08 | 0.095 |
| 85.05 | 0.005 | 85.57 | 0.051 | 86.09 | 0.096 |
| 85.06 | 0.006 | 85.58 | 0.052 | 86.10 | 0.097 |
| 85.07 | 0.006 | 85.59 | 0.053 | 86.11 | 0.098 |
| 85.08 | 0.007 | 85.60 | 0.054 | 86.12 | 0.098 |
| 85.09 | 0.008 | 85.61 | 0.055 | 86.13 | 0.099 |
| 85.10 | 0.009 | 85.62 | 0.056 | 86.14 | 0.100 |
| 85.11 | 0.010 | 85.63 | 0.057 | 86.15 | 0.101 |
| 85.12 | 0.011 | 85.64 | 0.058 | 86.16 | 0.102 |
| 85.13 | 0.012 | 85.65 | 0.058 | 86.17 | 0.103 |
| 85.14 85.15 | 0.013 | 85.66 85.67 | 0.059 | 86.18 86.19 | 0.103 |
| 85.16 | 0.014 0.015 | 85.68 | 0.060 0.061 | 86.20 | 0.104 0.105 |
| 85.17 | 0.016 | 85.69 | 0.062 | 86.21 | 0.105 |
| 85.18 | 0.016 | 85.70 | 0.063 | 86.22 | 0.107 |
| 85.19 | 0.017 | 85.71 | 0.064 | 86.23 | 0.107 |
| 85.20 | 0.018 | 85.72 | 0.065 | 86.24 | 0.108 |
| 85.21 | 0.019 | 85.73 | 0.065 | 86.25 | 0.109 |
| 85.22 | 0.020 | 85.74 | 0.066 | 86.26 | 0.110 |
| 85.23 | 0.021 | 85.75 | 0.067 | 86.27 | 0.111 |
| 85.24 | 0.022 | 85.76 | 0.068 | 86.28 | 0.111 |
| 85.25 | 0.023 | 85.77 | 0.069 | 86.29 | 0.112 |
| 85.26 | 0.024 | 85.78 | 0.070 | 86.30 | 0.113 |
| 85.27 | 0.025 | 85.79 | 0.071 | 86.31 | 0.114 |
| 85.28 85.20 | 0.026 | 85.80 | 0.071 | 86.32 86.33 | 0.115 |
| 85.29 85.30 | 0.026 0.027 | 85.81 85.82 | 0.072 0.073 | 86.34 | 0.115 0.116 |
| 85.31 | 0.028 | 85.83 | 0.074 | 86.35 | 0.117 |
| 85.32 | 0.029 | 85.84 | 0.075 | 86.36 | 0.118 |
| 85.33 | 0.030 | 85.85 | 0.076 | 86.37 | 0.119 |
| 85.34 | 0.031 | 85.86 | 0.077 | 86.38 | 0.119 |
| 85.35 | 0.032 | 85.87 | 0.077 | 86.39 | 0.120 |
| 85.36 | 0.033 | 85.88 | 0.078 | 86.40 | 0.121 |
| 85.37 | 0.034 | 85.89 | 0.079 | 86.41 | 0.122 |
| 85.38 | 0.035 | 85.90 | 0.080 | 86.42 | 0.122 |
| 85.39 | 0.035 | 85.91 | 0.081 | 86.43 | 0.123 |
| 85.40 85.41 | 0.036 | 85.92 | 0.082 | 86.44 | 0.124 |
| 85.41 85.42 | 0.037 0.038 | 85.93 85.94 | 0.082 0.083 | 86.45 86.46 | 0.125 0.126 |
| 85.43 | 0.039 | 85.95 | 0.084 | 86.47 | 0.126 |
| 85.44 | 0.040 | 85.96 | 0.085 | 86.48 | 0.127 |
| 85.45 | 0.041 | 85.97 | 0.086 | 86.49 | 0.128 |
| 85.46 | 0.042 | 85.98 | 0.087 | 86.50 | 0.129 |
| 85.47 | 0.043 | 85.99 | 0.088 | 86.51 | 0.129 |
| 85.48 | 0.043 | 86.00 | 0.088 | 86.52 | 0.130 |
| 85.49 | 0.044 | 86.01 | 0.089 | 86.53 | 0.131 |
| 85.50 | 0.045 | 86.02 | 0.090 | 86.54 | 0.132 |
| 85.51 | 0.046 | 86.03 | 0.091 | 86.55 | 0.132 |
| | | | | lj. | |

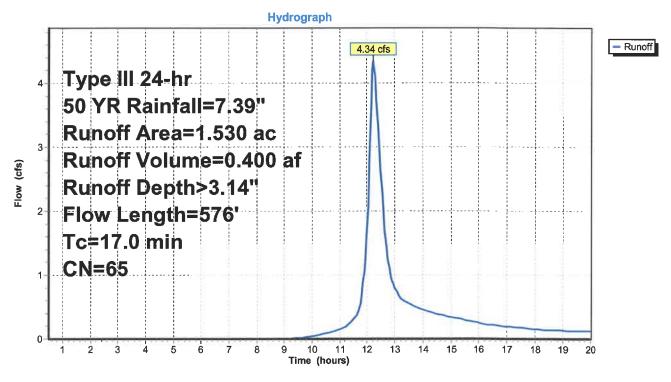
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Stage-Area-Storage for Pond 14P: POND 1 (continued)

| | | · | | | 0. |
|----------------|----------------|----------------|----------------|-----------|-------------|
| Elevation | Storage | Elevation | Storage | Elevation | Storage |
| (feet) | (acre-feet) | (feet) | (acre-feet) | (feet) | (acre-feet) |
| 86.56 | 0.133 | 87.08 | 0.166 | 87.60 | 0.189 |
| 86.57 | 0.134 | 87.09 | 0.167 | 87.61 | 0.189 |
| 86.58 | 0.135 | 87.10 | 0.167 | 87.62 | 0.190 |
| 86.59 | 0.135 | 87.11 | 0.168 | 87.63 | 0.190 |
| 86.60 | 0.136 | 87.12 | 0.168 | 87.64 | 0.191 |
| 86.61 | 0.137 | 87.13 | 0.169 | 87.65 | 0.191 |
| 86.62 | 0.137 | 87.14 | 0.169 | 87.66 | 0.191 |
| 86.63 | 0.138 | 87.15 | 0.170 | 87.67 | 0.192 |
| 86.64 | 0.139 | 87.16 | 0.170 | 87.68 | 0.192 |
| 86.65 | 0.140 | 87.17 | 0.170 | 87.69 | 0.193 |
| 86.66 | 0.140 | 87.18 | 0.171 | 87.70 | 0.193 |
| 86.67 | 0.141 | 87.19 | 0.171 | 87.71 | 0.194 |
| 86.68 | 0.142 | 87.20 | 0.172 | | |
| 86.69 | 0.142 | 87.21 | 0.172 | | |
| 86.70 | 0.143 | 87.22 | 0.173 | | |
| 86.71 | 0.144 | 87.23 | 0.173 | | |
| 86.72 | 0.145 | 87.24 | 0.173 | | |
| 86.73 | 0.145 | 87.25 | 0.174 | | |
| 86.74 | 0.146 | 87.26 | 0.174 | | |
| 86.75 | 0.147 | 87.27 | 0.175 | | |
| 86.76 | 0.147 | 87.28 | 0.175 | | |
| 86.77 | 0.148 | 87.29 | 0.176 | | |
| 86.78 | 0.149 | 87.30 | 0.176 | | |
| 86.79 | 0.149 | 87.31 | 0.176 | | |
| 86.80 | 0.150 | 87.32 | 0.177 | | |
| 86.81 | 0.151 | 87.33 | 0.177 | | |
| 86.82 | 0.151 | 87.34 | 0.178 | | |
| 86.83 | 0.152 | 87.35 | 0.178 | | |
| 86.84 | 0.153 | 87.36 87.37 | 0.179 0.179 | | |
| 86.85 86.86 | 0.153 0.154 | 87.38 | 0.179 | | |
| 86.87 | 0.154 | 87.39 | 0.179 | | |
| 86.88 | 0.155 | 87.40 | 0.180 | | |
| 86.89 | 0.156 | 87.41 | 0.181 | | |
| 86.90 | 0.156 | 87.42 | 0.181 | | |
| 86.91 | 0.157 | 87.43 | 0.182 | | |
| 86.92 | 0.157 | 87.44 | 0.182 | | |
| 86.93 | 0.158 | 87.45 | 0.182 | | |
| 86.94 | 0.159 | 87.46 | 0.183 | | |
| 86.95 | 0.159 | 87.47 | 0.183 | | |
| 86.96 | 0.160 | 87.48 | 0.184 | | |
| 86.97 | 0.161 | 87.49 | 0.184 | | |
| 86.98 | 0.161 | 87.50 | 0.185 | | |
| 86.99 | 0.162 | 87.51 | 0.185 | | |
| 87.00 | 0.162 | 87.52 | 0.185 | | |
| 87.01 | 0.163 | 87.53 | 0.186 | | |
| 87.02 | 0.163 | 87.54 | 0.186 | | |
| 87.03 | 0.164 | 87.55 | 0.187 | | |
| 87.04 | 0.164 | 87.56 | 0.187 | | |
| 87.05 | 0.165 | 87.57 | 0.188 | | |
| 87.06 | 0.165 | 87.58 | 0.188 | | |
| 87.07 | 0.166 | 87.59 | 0.188 | | |
| | | | | | |

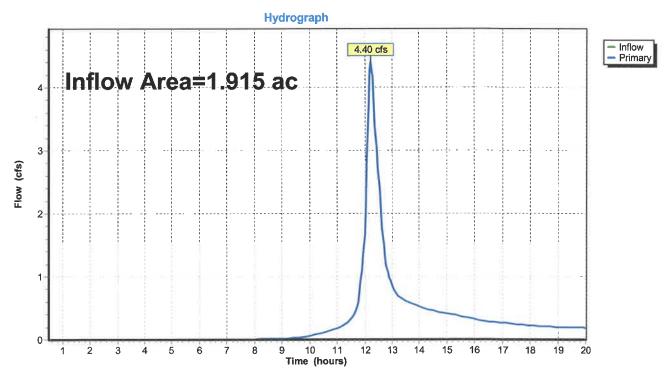
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Subcatchment 15S: YD



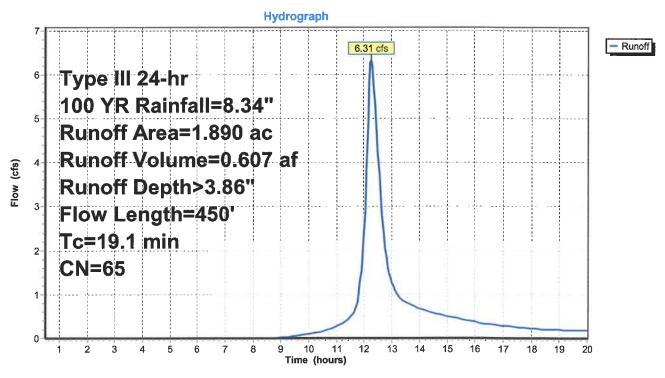
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Link 16L: P-OUT YD



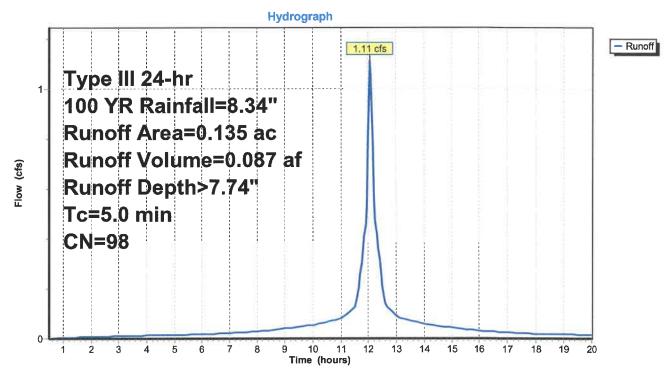
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Subcatchment 3S: EX



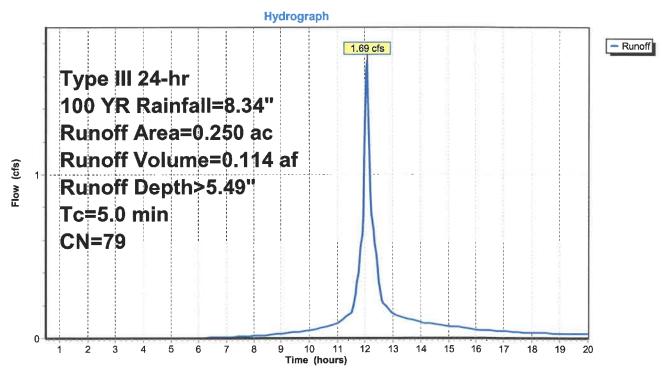
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Subcatchment 10S: ROOF



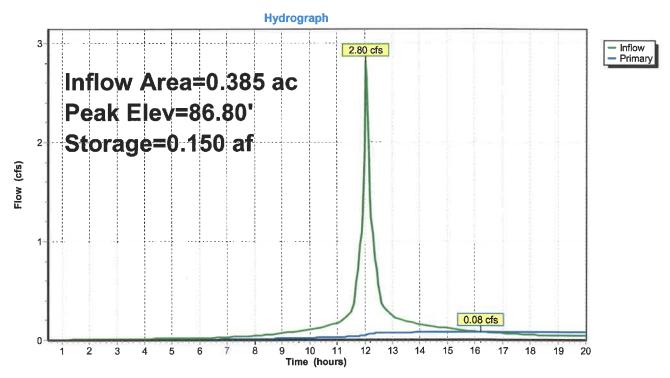
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Subcatchment 13S: REV A



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Pond 14P: POND 1



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Stage-Discharge for Pond 14P: POND 1

| Elevation | Primary | Elevation | Primary | Elevation | Primary | Elevation | Primary |
|-----------|---------|-----------|---------|-----------|---------|-----------|---------|
| (feet) | (cfs) | (feet) | (cfs) | (feet) | (cfs) | (feet) | (cfs) |
| 85.00 | 0.00 | 85.52 | 0.04 | 86.04 | 0.06 | 86.56 | 0.07 |
| 85.01 | 0.00 | 85.53 | 0.04 | 86.05 | 0.06 | 86.57 | 0.07 |
| 85.02 | 0.00 | 85.54 | 0.04 | 86.06 | 0.06 | 86.58 | 0.07 |
| 85.03 | 0.00 | 85.55 | 0.04 | 86.07 | 0.06 | 86.59 | 0.07 |
| 85.04 | 0.00 | 85.56 | 0.04 | 86.08 | 0.06 | 86.60 | 0.07 |
| 85.05 | 0.00 | 85.57 | 0.04 | 86.09 | 0.06 | 86.61 | 0.07 |
| 85.06 | 0.00 | 85.58 | 0.04 | 86.10 | 0.06 | 86.62 | 0.07 |
| 85.07 | 0.01 | 85.59 | 0.04 | 86.11 | 0.06 | 86.63 | 0.07 |
| 85.08 | 0.01 | 85.60 | 0.04 | 86.12 | 0.06 | 86.64 | 0.07 |
| 85.09 | 0.01 | 85.61 | 0.04 | 86.13 | 0.06 | 86.65 | 0.07 |
| 85.10 | 0.01 | 85.62 | 0.04 | 86.14 | 0.06 | 86.66 | 0.07 |
| 85.11 | 0.01 | 85.63 | 0.04 | 86.15 | 0.06 | 86.67 | 0.07 |
| 85.12 | 0.01 | 85.64 | 0.04 | 86.16 | 0.06 | 86.68 | 0.08 |
| 85.13 | 0.02 | 85.65 | 0.05 | 86.17 | 0.06 | 86.69 | 0.08 |
| 85.14 | 0.02 | 85.66 | 0.05 | 86.18 | 0.06 | 86.70 | 0.08 |
| 85.15 | 0.02 | 85.67 | 0.05 | 86.19 | 0.06 | 86.71 | 0.08 |
| 85.16 | 0.02 | 85.68 | 0.05 | 86.20 | 0.06 | 86.72 | 0.08 |
| 85.17 | 0.02 | 85.69 | 0.05 | 86.21 | 0.06 | 86.73 | 0.08 |
| 85.18 | 0.02 | 85.70 | 0.05 | 86.22 | 0.06 | 86.74 | 0.08 |
| 85.19 | 0.02 | 85.71 | 0.05 | 86.23 | 0.06 | 86.75 | 0.08 |
| 85.20 | 0.02 | 85.72 | 0.05 | 86.24 | 0.06 | 86.76 | 0.08 |
| 85.21 | 0.02 | 85.73 | 0.05 | 86.25 | 0.06 | 86.77 | 0.08 |
| 85.22 | 0.02 | 85.74 | 0.05 | 86.26 | 0.06 | 86.78 | 0.08 |
| 85.23 | 0.02 | 85.75 | 0.05 | 86.27 | 0.06 | 86.79 | 0.08 |
| 85.24 | 0.02 | 85.76 | 0.05 | 86.28 | 0.07 | 86.80 | 0.08 |
| 85.25 | 0.03 | 85.77 | 0.05 | 86.29 | 0.07 | 86.81 | 0.08 |
| 85.26 | 0.03 | 85.78 | 0.05 | 86.30 | 0.07 | 86.82 | 0.08 |
| 85.27 | 0.03 | 85.79 | 0.05 | 86.31 | 0.07 | 86.83 | 0.08 |
| 85.28 | 0.03 | 85.80 | 0.05 | 86.32 | 0.07 | 86.84 | 0.08 |
| 85.29 | 0.03 | 85.81 | 0.05 | 86.33 | 0.07 | 86.85 | 0.08 |
| 85.30 | 0.03 | 85.82 | 0.05 | 86.34 | 0.07 | 86.86 | 0.08 |
| 85.31 | 0.03 | 85.83 | 0.05 | 86.35 | 0.07 | 86.87 | 0.08 |
| 85.32 | 0.03 | 85.84 | 0.05 | 86.36 | 0.07 | 86.88 | 0.08 |
| 85.33 | 0.03 | 85.85 | 0.05 | 86.37 | 0.07 | 86.89 | 0.08 |
| 85.34 | 0.03 | 85.86 | 0.05 | 86.38 | 0.07 | 86.90 | 0.08 |
| 85.35 | 0.03 | 85.87 | 0.05 | 86.39 | 0.07 | 86.91 | 0.08 |
| 85.36 | 0.03 | 85.88 | 0.05 | 86.40 | 0.07 | 86.92 | 0.08 |
| 85.37 | 0.03 | 85.89 | 0.05 | 86.41 | 0.07 | 86.93 | 0.08 |
| 85.38 | 0.03 | 85.90 | 0.05 | 86.42 | 0.07 | 86.94 | 80.0 |
| 85.39 | 0.03 | 85.91 | 0.05 | 86.43 | 0.07 | 86.95 | 0.08 |
| 85.40 | 0.03 | 85.92 | 0.05 | 86.44 | 0.07 | 86.96 | 0.08 |
| 85.41 | 0.03 | 85.93 | 0.06 | 86.45 | 0.07 | 86.97 | 0.08 |
| 85.42 | 0.04 | 85.94 | 0.06 | 86.46 | 0.07 | 86.98 | 0.08 |
| 85.43 | 0.04 | 85.95 | 0.06 | 86.47 | 0.07 | 86.99 | 0.08 |
| 85.44 | 0.04 | 85.96 | 0.06 | 86.48 | 0.07 | 87.00 | 0.08 |
| 85.45 | 0.04 | 85.97 | 0.06 | 86.49 | 0.07 | 87.01 | 0.08 |
| 85.46 | 0.04 | 85.98 | 0.06 | 86.50 | 0.07 | 87.02 | 0.08 |
| 85.47 | 0.04 | 85.99 | 0.06 | 86.51 | 0.07 | 87.03 | 0.08 |
| 85.48 | 0.04 | 86.00 | 0.06 | 86.52 | 0.07 | 87.04 | 0.08 |
| 85.49 | 0.04 | 86.01 | 0.06 | 86.53 | 0.07 | 87.05 | 0.08 |
| 85.50 | 0.04 | 86.02 | 0.06 | 86.54 | 0.07 | 87.06 | 0.08 |
| 85.51 | 0.04 | 86.03 | 0.06 | 86.55 | 0.07 | 87.07 | 0.08 |
| | | | | l · | | | |

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Primary (cfs)

0.09

0.09

0.09

0.09

0.09

0.10 0.10

0.10

0.10

0.10

0.10

0.10

Elevation

(feet)

87.60

87.61

87.62 87.63

87.64

87.65

87.66

87.67

87.68

87.69 87.70

87.71

Stage-Discharge for Pond 14P: POND 1 (continued)

| Section Primary (cfs) 87.08 87.09 0.08 87.10 0.08 87.11 0.08 87.12 0.08 87.13 0.08 87.14 0.09 87.15 0.09 87.16 0.09 87.17 0.09 87.18 0.09 87.20 0.09 87.21 0.09 87.21 0.09 87.22 0.09 87.23 0.09 87.24 0.09 87.25 0.09 87.26 0.09 87.27 0.09 87.28 0.09 87.28 0.09 87.30 0.09 87.31 0.09 87.32 0.09 87.34 0.09 87.35 0.09 87.36 0.09 87.37 0.09 87.38 0.09 87.39 0.09 87.39 0.09 87.40 0.09 87.41 0.09 87.42 0.09 87.44 0.09 87.45 0.09 87.45 0.09 87.46 0.09 87.47 0.09 87.48 0.09 87.49 0.09 87.49 0.09 87.40 0.09 87.41 0.09 87.44 0.09 87.45 0.09 87.50 0.09 87.50 0.09 87.51 0.09 87.55 0.09 87.55 0.09 87.56 0.09 87.57 0.09 87.57 0.09 87.57 0.09 87.58 0.09 87.57 0.09 87.58 0.09 87.59 0.09 0 | | | |
|--|----------------------------|---------------|--|
| 87.08 0.08 87.09 0.08 87.10 0.08 87.11 0.08 87.12 0.08 87.13 0.08 87.14 0.09 87.15 0.09 87.16 0.09 87.17 0.09 87.18 0.09 87.19 0.09 87.20 0.09 87.21 0.09 87.22 0.09 87.23 0.09 87.24 0.09 87.25 0.09 87.26 0.09 87.27 0.09 87.28 0.09 87.30 0.09 87.31 0.09 87.32 0.09 87.33 0.09 87.34 0.09 87.35 0.09 87.36 0.09 87.37 0.09 87.40 0.09 87.41 0.09 87.42 0.09 </td <td></td> <td>Primary (cfs)</td> <td></td> | | Primary (cfs) | |
| 87.10 0.08 87.11 0.08 87.12 0.08 87.13 0.08 87.14 0.09 87.15 0.09 87.16 0.09 87.17 0.09 87.18 0.09 87.19 0.09 87.20 0.09 87.21 0.09 87.22 0.09 87.23 0.09 87.24 0.09 87.25 0.09 87.26 0.09 87.27 0.09 87.28 0.09 87.30 0.09 87.31 0.09 87.32 0.09 87.33 0.09 87.34 0.09 87.35 0.09 87.36 0.09 87.37 0.09 87.38 0.09 87.40 0.09 87.41 0.09 87.42 0.09 87.43 0.09 87.44 0.09 87.50 0.09 | 87.08 | 0.08 | |
| 87.11 0.08 87.12 0.08 87.13 0.08 87.14 0.09 87.15 0.09 87.16 0.09 87.17 0.09 87.18 0.09 87.19 0.09 87.21 0.09 87.22 0.09 87.23 0.09 87.24 0.09 87.25 0.09 87.26 0.09 87.29 0.09 87.30 0.09 87.31 0.09 87.32 0.09 87.33 0.09 87.34 0.09 87.35 0.09 87.36 0.09 87.37 0.09 87.38 0.09 87.40 0.09 87.41 0.09 87.42 0.09 87.43 0.09 87.44 0.09 87.45 0.09 87.49 0.09 87.50 0.09 87.51 0.09 | | | |
| 87.13 0.08 87.14 0.09 87.15 0.09 87.16 0.09 87.17 0.09 87.18 0.09 87.19 0.09 87.20 0.09 87.21 0.09 87.22 0.09 87.23 0.09 87.24 0.09 87.25 0.09 87.26 0.09 87.28 0.09 87.30 0.09 87.31 0.09 87.32 0.09 87.33 0.09 87.34 0.09 87.35 0.09 87.36 0.09 87.37 0.09 87.38 0.09 87.39 0.09 87.40 0.09 87.41 0.09 87.42 0.09 87.43 0.09 87.44 0.09 87.45 0.09 87.50 0.09 87.51 0.09 87.52 0.09 | 87.11 | | |
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| 87.55 0.09 87.56 0.09 87.57 0.09 87.58 0.09 | 87.53 | 0.09 | |
| 87.56 0.09 87.57 0.09 87.58 0.09 | 87.54 | | |
| 87.58 0.09 | | 0.09 | |
| | | | |
| | | | |

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Stage-Area-Storage for Pond 14P: POND 1

| E1 | 04 | | C+ | l = | Chana |
|-----------------|----------------------|---------------------|------------------------|---------------------|---------------------|
| Elevation | Storage | Elevation (feet) | Storage (acre-feet) | Elevation (feet) | Storage (acre-feet) |
| (feet) 85.00 | (acre-feet) 0.000 | 85.52 | 0.047 | 86.04 | 0.092 |
| 85.00 | 0.001 | 85.53 | 0.047 | 86.05 | 0.092 |
| 85.02 | 0.002 | 85.54 | 0.049 | 86.06 | 0.093 |
| 85.03 | 0.003 | 85.55 | 0.050 | 86.07 | 0.094 |
| 85.04 | 0.004 | 85.56 | 0.051 | 86.08 | 0.095 |
| 85.05 | 0.005 | 85.57 | 0.051 | 86.09 | 0.096 |
| 85.06 | 0.006 | 85.58 | 0.052 | 86.10 | 0.097 |
| 85.07 | 0.006 | 85.59 | 0.053 | 86.11 | 0.098 |
| 85.08 | 0.007 | 85.60 | 0.054 | 86.12 | 0.098 |
| 85.09 | 0.008 | 85.61 | 0.055 | 86.13 | 0.099 |
| 85.10 | 0.009 | 85.62 | 0.056 | 86.14 | 0.100 |
| 85.11 | 0.010 | 85.63 | 0.057 | 86.15 | 0.101 |
| 85.12 | 0.011 | 85.64 | 0.058 | 86.16 | 0.102 |
| 85.13 | 0.012 | 85.65 | 0.058 | 86.17 | 0.103 |
| 85.14 | 0.013 | 85.66 | 0.059 | 86.18 | 0.103 |
| 85.15 | 0.014 | 85.67 | 0.060 | 86.19 | 0.104 |
| 85.16 | 0.015 | 85.68 | 0.061 | 86.20 | 0.105 |
| 85.17 | 0.016 | 85.69 | 0.062 | 86.21 | 0.106 |
| 85.18 | 0.016 | 85.70 | 0.063 | 86.22 | 0.107 |
| 85.19 | 0.017 | 85.71 | 0.064 | 86.23 | 0.107 |
| 85.20 | 0.018 | 85.72 | 0.065 | 86.24 | 0.108 |
| 85.21 | 0.019 | 85.73 | 0.065 | 86.25 | 0.109 |
| 85.22 | 0.020 | 85.74 | 0.066 | 86.26 | 0.110 |
| 85.23 85.24 | 0.021 0.022 | 85.75 85.76 | 0.067 0.068 | 86.27 86.28 | 0.111 0.111 |
| 85.25 | 0.022 | 85.77 | 0.069 | 86.29 | 0.112 |
| 85.26 | 0.023 | 85.78 | 0.070 | 86.30 | 0.112 |
| 85.27 | 0.025 | 85.79 | 0.071 | 86.31 | 0.114 |
| 85.28 | 0.026 | 85.80 | 0.071 | 86.32 | 0.115 |
| 85.29 | 0.026 | 85.81 | 0.072 | 86.33 | 0.115 |
| 85.30 | 0.027 | 85.82 | 0.073 | 86.34 | 0.116 |
| 85.31 | 0.028 | 85.83 | 0.074 | 86.35 | 0.117 |
| 85.32 | 0.029 | 85.84 | 0.075 | 86.36 | 0.118 |
| 85.33 | 0.030 | 85.85 | 0.076 | 86.37 | 0.119 |
| 85.34 | 0.031 | 85.86 | 0.077 | 86.38 | 0.119 |
| 85.35 | 0.032 | 85.87 | 0.077 | 86.39 | 0.120 |
| 85.36 | 0.033 | 85.88 | 0.078 | 86.40 | 0.121 |
| 85.37 | 0.034 | 85.89 | 0.079 | 86.41 | 0.122 |
| 85.38 | 0.035 | 85.90 | 0.080 | 86.42 | 0.122 |
| 85.39 | 0.035 | 85.91 | 0.081 | 86.43 | 0.123 |
| 85.40 | 0.036 | 85.92 | 0.082 | 86.44 | 0.124 |
| 85.41 | 0.037 | 85.93 | 0.082 | 86.45 | 0.125 0.126 |
| 85.42 | 0.038 0.039 | 85.94 85.95 | 0.083 0.084 | 86.46 86.47 | 0.126 |
| 85.43 85.44 | 0.039 | 85.96 | 0.085 | 86.48 | 0.126 |
| 85.45 | 0.040 | 85.97 | 0.086 | 86.49 | 0.127 |
| 85.46 | 0.042 | 85.98 | 0.087 | 86.50 | 0.129 |
| 85.47 | 0.042 | 85.99 | 0.088 | 86.51 | 0.129 |
| 85.48 | 0.043 | 86.00 | 0.088 | 86.52 | 0.130 |
| 85.49 | 0.044 | 86.01 | 0.089 | 86.53 | 0.131 |
| 85.50 | 0.045 | 86.02 | 0.090 | 86.54 | 0.132 |
| 85.51 | 0.046 | 86.03 | 0.091 | 86.55 | 0.132 |
| | | | | | |

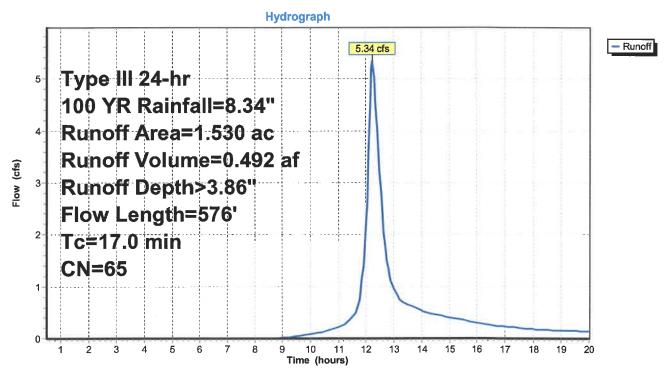
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Stage-Area-Storage for Pond 14P: POND 1 (continued)

| Elevation | Storage | Elevation | Storage | Elevation | Storage |
|----------------|----------------|----------------|----------------|-----------|-------------|
| (feet) | (acre-feet) | (feet) | (acre-feet) | (feet) | (acre-feet) |
| 86.56 | 0.133 | 87.08 | 0.166 | 87.60 | 0.189 |
| 86.57 | 0.134 | 87.09 | 0.167 | 87.61 | 0.189 |
| 86.58 | 0.135 | 87.10 | 0.167 | 87.62 | 0.190 |
| 86.59 | 0.135 | 87.11 | 0.168 | 87.63 | 0.190 |
| 86.60 | 0.136 | 87.12 | 0.168 | 87.64 | 0.191 |
| 86.61 | 0.137 | 87.13 | 0.169 | 87.65 | 0.191 |
| 86.62 | 0.137 | 87.14 | 0.169 | 87.66 | 0.191 |
| 86.63 | 0.138 | 87.15 | 0.170 | 87.67 | 0.192 |
| 86.64 | 0.139 | 87.16 | 0.170 | 87.68 | 0.192 |
| 86.65 | 0.140 | 87.17 | 0.170 | 87.69 | 0.193 |
| 86.66 | 0.140 | 87.18 | 0.171 | 87.70 | 0.193 |
| 86.67 | 0.141 | 87.19 | 0.171 | 87.71 | 0.194 |
| 86.68 | 0.142 | 87.20 | 0.172 | | |
| 86.69 | 0.142 | 87.21 | 0.172 | | |
| 86.70 | 0.143 | 87.22 | 0.173 | | |
| 86.71 | 0.144 | 87.23 | 0.173 | | |
| 86.72 | 0.145 | 87.24 | 0.173 | | |
| 86.73 | 0.145 | 87.25 | 0.174 | | |
| 86.74 | 0.146 | 87.26 | 0.174 | | |
| 86.75 | 0.147 | 87.27 | 0.175 | | |
| 86.76 | 0.147 | 87.28 | 0.175 | | |
| 86.77 | 0.148 | 87.29 | 0.176 | | |
| 86.78 | 0.149 | 87.30 | 0.176 | | |
| 86.79 | 0.149 | 87.31 | 0.176 | | |
| 86.80 | 0.150 | 87.32 | 0.177 | | |
| 86.81 | 0.151 | 87.33 | 0.177 | | |
| 86.82 | 0.151 | 87.34 | 0.178 | | |
| 86.83 | 0.152 | 87.35 | 0.178 | | |
| 86.84 | 0.153 | 87.36 | 0.179 | | |
| 86.85 | 0.153 | 87.37 | 0.179 | | |
| 86.86 | 0.154 | 87.38 | 0.179 | | |
| 86.87 | 0.155 | 87.39 | 0.180 | | |
| 86.88 | 0.155 | 87.40 | 0.180 | | |
| 86.89 | 0.156 | 87.41 | 0.181 | | |
| 86.90 | 0.156 | 87.42 | 0.181 | | |
| 86.91 | 0.157 | 87.43 | 0.182 | | |
| 86.92 | 0.158 | 87.44 | 0.182 | | |
| 86.93 | 0.158 | 87.45 | 0.182 | | |
| 86.94 | 0.159 | 87.46 | 0.183 | | |
| 86.95 | 0.159 | 87.47 | 0.183 | | |
| 86.96 | 0.160 | 87.48 | 0.184 | | |
| 86.97 | 0.161 | 87.49 87.50 | 0.184 0.185 | | |
| 86.98 | 0.161 0.162 | 87.50 87.51 | 0.185 | | |
| 86.99 | 0.162 | 87.52 | 0.185 | | |
| 87.00 87.01 | 0.162 | 87.53 | 0.186 | | |
| 87.02 | 0.163 | 87.53 87.54 | 0.186 | | |
| 87.02 87.03 | 0.163 | 87.55 | 0.187 | | |
| 87.04 | 0.164 | 87.56 | 0.187 | | |
| 87.05 | 0.165 | 87.57 | 0.188 | | |
| 87.06 | 0.165 | 87.58 | 0.188 | | |
| 87.07 | 0.166 | 87.59 | 0.188 | | |
| 01.01 | 555 |] | 333 | | |
| | 139 | 52 | | 56 | |

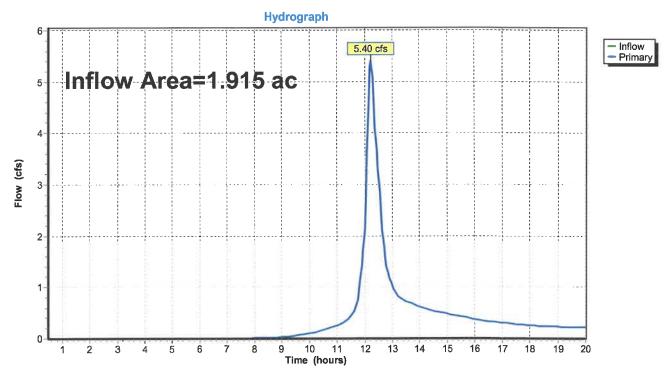
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Subcatchment 15S: YD



Page 54

Link 16L: P-OUT YD



Storm Sewer Tabulation

| Line ID | | | | 0 | |
|-----------------|--------|---------------|---|--------------------|---|
| m Elev | пр | (£) | 90.40 0.00 0.00 | Run Date: 9/4/2020 | |
| Grnd / Rim Elev | п | (#) | 90.00 | Run Da | |
| A | ಕ್ಷ | (£) | 88.75 88.75 | | |
| HGL Elev | o O | (#) | 88.52.3 | 2 | |
| lev | g | (#) | 88.20 | Number of lines: 2 | |
| Invert Elev | Du | £) | 86.00 86.70 | Numbe | |
| | Slope | (%) | 0.82 | | |
| Pipe | Size | (in) | 55 | | |
| Ne Ne | | (ft/s) | 8 6 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 | | |
| Cap | | (cfs) | 5.3 8.48 1.88 | | |
| Total | | (in/hr) (cfs) | 2.02 1.11 | | |
| Rain | Ε | (in/hr) | 0.00 | | |
| | Syst | (min) | 6.0 | | : |
| J. | Inlet | (min) | 0 C C C C C C C C C C C C C C C C C C C | | |
| ű | Total | | 0 0 0 0 | | |
| Area x C | Incr | | 0.00 | | |
| Rnoff | | () | 8 8 6 6 | | |
| Area | Total | (ac) | 0 0 0 0 0 0 | | |
| Drng Area | lncr | (ac) | 37.000 0.00 184.000 0.00 | | |
| Len | | (#) | | GAL | |
| ion | o ; | <u> </u> | — — — — — — — — — — — — — — — — — — — | ROOF TO GAL | |
| Station | Line | | - 4 | 8 | |

Storm Sewers v2020.00

GAL TO YARD DRAIN

Storm Sewer Tabulation

| Line ID | | | OUT | | 020 |
|-----------------|-------------|---------------|--|----------|----------------------|
| n Elev | Up | (ft) | 87.30 | | Run Date: 10/29/2020 |
| Grnd / Rim Elev | Dn | (ft) | 82.00 | | Run Date |
| > | ηρ | (ft) | 83.11 | | |
| HGL Elev | Du | (#) | 82.13 | | |
| > | Up | (ft) | 82.95 | | Number of lines: 2 |
| Invert Elev | Dn | (ft) | 80.00 | | Number |
| | Slope | (%) | 3.35 | | |
| Pipe | Size | (in) | φ | | |
| Vel | | (ft/s) | 1.21 | | |
| Cap | | (cfs) | <u>+</u> + + + + + + + + + + + + + + + + + + | | |
| Total | | (cfs) | 0.10 | <u>.</u> | |
| Rain | | (in/hr) (cfs) | 0.0 | | |
| | Syst | (min) | 9.0 | | |
| Tc | Inlet | (min) | 0.0 | | |
| ပ | Total | | 0.00 | | |
| Area x C | Incr | | 0.00 | | |
| Rnoff | соещ | (<u>C</u> | 0.00 | | |
| rea | Total | (ac) | 0.00 | | |
| Drng Area | Incr | (ac) | 0.00 | | |
| Len | | (#) | 88.000 0.00 | | |
|) uc | o T e ri | ì | End | - | REV GAL |
| Station | Line | | _ | N | RE |

NOTES:Intensity = 63.91 / (Inlet time + 9.90) ^ 0.75. Return period =Yrs. 100; c = cir e = ellip b = box

Storm Sewers v2020.00

CONTACTOR® & RECHARGER®

STORMWATER MANAGEMENT SOLUTIONS



OPERATION & MAINTENANCE GUIDELINES

FOR CULTEC STORMWATER MANAGEMENT SYSTEMS



CULTEC

OPERATIONS AND MAINTENANCE GUIDELINES

Published by

CULTEC, Inc.

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These instructions are for single-layer traffic applications only. For multi-layer applications, contact CULTEC.

All illustrations and photos shown herein are examples of typical situations. Be sure to follow the engineer's drawings.

Actual designs may vary.

CULTEC STORMWATER CHAMBERS



This manual contains guidelines recommended by CULTEC, Inc. and may be used in conjunction with, but not to supersede, local regulations or regulatory authorities. OSHA Guidelines must be followed when inspecting or cleaning any structure.

Introduction

The CULTEC Subsurface Stormwater Management System is a high-density polyethylene (HDPE) chamber system arranged in parallel rows surrounded by washed stone. The CULTEC chambers create arch-shaped voids within the washed stone to provide stormwater detention, retention, infiltration, and reclamation. Filter fabric is placed between the native soil and stone interface to prevent the intrusion of fines into the system. In order to minimize the amount of sediment which may enter the CULTEC system, a sediment collection device (stormwater pretreatment device) is recommended upstream from the CULTEC chamber system. Examples of pretreatment devices include, but are not limited to, an appropriately sized catch basin with sump, pretreatment catchment device, oil grit separator, or baffled distribution box. Manufactured pretreatment devices may also be used in accordance with CULTEC chambers. Installation, operation, and maintenance of these devices shall be in accordance with manufacturer's recommendations. Almost all of the sediment entering the stormwater management system will be collected within the pretreatment device.

Best Management Practices allow for the maintenance of the preliminary collection systems prior to feeding the CULTEC chambers. The pretreatment structures shall be inspected for any debris that will restrict inlet flow rates. Outfall structures, if any, such as outlet control must also be inspected for any obstructions that would restrict outlet flow rates. OSHA Guidelines must be followed when inspecting or cleaning any structure.

Operation and Maintenance Requirements

I. Operation

CULTEC stormwater management systems shall be operated to receive only stormwater run-off in accordance with applicable local regulations. CULTEC subsurface stormwater management chambers operate at peak performance when installed in series with pretreatment. Pretreatment of suspended solids is superior to treatment of solids once they have been introduced into the system. The use of pretreatment is adequate as long as the structure is maintained and the site remains stable with finished impervious surfaces such as parking lots, walkways, and pervious areas are properly maintained. If there is to be an unstable condition, such as improvements to buildings or parking areas, all proper silt control measures shall be implemented according to local regulations.

II. Inspection and Maintenance Options

- A. The CULTEC system may be equipped with an inspection port located on the inlet row. The inspection port is a circular cast box placed in a rectangular concrete collar. When the lid is removed, a 6-inch (150 mm) pipe with a screw-in plug will be exposed. Remove the plug. This will provide access to the CULTEC Chamber row below. From the surface, through this access, the sediment may be measured at this location. A stadia rod may be used to measure the depth of sediment if any in this row. If the depth of sediment is in excess of 3 inches (76 mm), then this row should be cleaned with high pressure water through a culvert cleaning nozzle. This would be carried out through an upstream manhole or through the CULTEC StormFilter Unit (or other pretreatment device). CCTV inspection of this row can be deployed through this access port to deter mine if any sediment has accumulated in the inlet row.
- **B.** If the CULTEC bed is not equipped with an inspection port, then access to the inlet row will be through an upstream manhole or the CULTEC StormFilter.

1. Manhole Access

This inspection should only be carried out by persons trained in confined space entry and sewer inspection services. After the manhole cover has been removed a gas detector must be lowered into the manhole to ensure that there are not high concentrations of toxic gases present. The inspector should be lowered into the manhole with the proper safety equipment as per OSHA requirements. The inspector may be able to observe sediment from this location. If this is not possible, the inspector will need to deploy a CCTV robot to permit viewing of the sediment.

OPERATIONS AND MAINTENANCE GUIDELINES



2. StormFilter Access

Remove the manhole cover to allow access to the unit. Typically a 30-inch (750 mm) pipe is used as a riser from the StormFilter to the surface. As in the case with manhole access, this access point requires a technician trained in confined space entry with proper gas detection equipment. This individual must be equipped with the proper safety equipment for entry into the StormFilter. The technician will be lowered onto the StormFilter unit. The hatch on the unit must be removed. Inside the unit are two filters which may be removed according to StormFilter maintenance guidelines. Once these filters are removed the inspector can enter the StormFilter unit to launch the CCTV camera robot.

C. The inlet row of the CULTEC system is placed on a polyethylene liner to prevent scouring of the washed stone beneath this row. This also facilitates the flushing of this row with high pressure water through a culvert cleaning nozzle. The nozzle is deployed through a manhole or the StormFilter and extended to the end of the row. The water is turned on and the inlet row is back-flushed into the manhole or StormFilter. This water is to be removed from the manhole or StormFilter using a vacuum truck.

III. Maintenance Guidelines

The following guidelines shall be adhered to for the operation and maintenance of the CULTEC stormwater management system:

- A. The owner shall keep a maintenance log which shall include details of any events which would have an effect on the system's operational capacity.
- B. The operation and maintenance procedure shall be reviewed periodically and changed to meet site conditions.
- C. Maintenance of the stormwater management system shall be performed by qualified workers and shall follow applicable occupational health and safety requirements.
- **D.** Debris removed from the stormwater management system shall be disposed of in accordance with applicable laws and regulations.

IV. Suggested Maintenance Schedules

A. Minor Maintenance

The following suggested schedule shall be followed for routine maintenance during the regular operation of the stormwater system:

| Frequency | Action |
|---|---|
| Monthly in first year | Check inlets and outlets for clogging and remove any debris, as required. |
| Spring and Fall | Check inlets and outlets for clogging and remove any debris, as required. |
| One year after commissioning and every third year following | Check inlets and outlets for clogging and remove any debris, as required. |

B. Major Maintenance

The following suggested maintenance schedule shall be followed to maintain the performance of the CULTEC stormwater management chambers. Additional work may be necessary due to insufficient performance and other issues that might be found during the inspection of the stormwater management chambers. (See table on next page)

CULTEC STORMWATER CHAMBERS

| | Frequency | Action |
|-------------------------------|---|--|
| Inlets and Outlets | Every 3 years | Obtain documentation that the inlets, outlets and vents have been cleaned and will function as intended. |
| | Spring and Fall | Check inlet and outlets for clogging and remove any debris as required. |
| CULTEC Stormwater Chambers | 2 years after commis- sioning | Inspect the interior of the stormwater management chambers through inspection port for deficiencies using CCTV or comparable technique. |
| | | Obtain documentation that the stormwater management chambers and feed connectors will function as anticipated. |
| | 9 years after commis- sioning every 9 years following | Clean stormwater management chambers and feed connectors of any debris. |
| | Tollowing | Inspect the interior of the stormwater management structures for deficiencies using CCTV or comparable technique. |
| | | Obtain documentation that the stormwater management chambers and feed connectors have been cleaned and will function as intended. |
| | 45 years after com- missioning | Clean stormwater management chambers and feed connectors of any debris. |
| | | Determine the remaining life expectancy of the stormwater management chambers and recommended schedule and actions to rehabilitate the stormwater management chambers as required. |
| | | Inspect the interior of the stormwater management chambers for deficiencies using CCTV or comparable technique. |
| | | Replace or restore the stormwater management chambers in accordance with the schedule determined at the 45-year inspection. |
| | | Attain the appropriate approvals as required. |
| | | Establish a new operation and maintenance schedule. |
| Surrounding Site | Monthly in 1st year | Check for depressions in areas over and surrounding the stormwater management system. |
| | Spring and Fall | Check for depressions in areas over and surrounding the stormwater management system. |
| | Yearly | Confirm that no unauthorized modifications have been performed to the site. |

For additional information concerning the maintenance of CULTEC Subsurface Stormwater Management Chambers, please contact CULTEC, Inc. at 1-800-428-5832.



WQMP Operation & Maintenance (O&M) Plan

| Project Name: |
|------------------|
| |
| |
| Prepared for: |
| Project Name: |
| Address: |
| City, State Zip: |
| |
| |
| Prepared on: |
| Date: |

CULTEC STORMWATER CHAMBERS



This O&M Plan describes the designated responsible party for implementation of this WQMP, including: operation and maintenance of all the structural BMP(s), conducting the training/educational program and duties, and any other necessary activities. The O&M Plan includes detailed inspection and maintenance requirements for all structural BMPs, including copies of any maintenance contract agreements, manufacturer's maintenance requirements, permits, etc.

8.1.1 Project Information

| Project name | |
|---|--|
| Address | |
| City, State Zip | |
| Site size | |
| List of structural BMPs, number of each | |
| Other notes | |

8.1.2 Responsible Party

The responsible party for implementation of this WQMP is:

| Name of Person or HOA Property Manager | |
|--|--|
| Address | |
| City, State Zip | |
| Phone number | |
| 24-Hour Emergency Contact number | |
| Email | |

8.1.3 Record Keeping

Parties responsible for the O&M plan shall retain records for at least 5 years.

All training and educational activities and BMP operation and maintenance shall be documented to verify compliance with this O&M Plan. A sample Training Log and Inspection and Maintenance Log are included in this document.

8.1.4 Electronic Data Submittal

This document along with the Site Plan and Attachments shall be provided in PDF format. AutoCAD files and/or GIS coordinates of BMPs shall also be submitted to the City.



OPERATIONS AND MAINTENANCE GUIDELINES

Appendix ____

BMP SITE PLAN

Site plan is preferred on minimum 11" by 17" colored sheets, as long as legible.



BMP OPERATION & MAINTENANCE LOG

| Project Name: | | |
|---|---|--|
| | | |
| Today's Date: | | |
| Name of Person Performing Activity (Printed | d): | |
| Signature: | | |
| | | |
| BMP Name (As Shown in O&M Plan) | Brief Description of Implementation, Maintenance, and Inspection Activity Performed | |
| | | |
| | | |
| | | |
| | | |
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OPERATIONS AND MAINTENANCE GUIDELINES

Minor Maintenance

| Frequency | | Action |
|-----------------------|----------------------|---|
| Monthly in first year | | Check inlets and outlets for clogging and remove any debris, as required. |
| | | Notes |
| □ Month 1 | Date: | |
| □ Month 2 | Date: | |
| □ Month 3 | Date: | |
| □ Month 4 | Date | |
| □ Month 5 | Date: | |
| □ Month 6 | Date: | |
| □ Month 7 | Date: | |
| □ Month 8 | Date: | |
| □ Month 9 | Date: | |
| □ Month 10 | Date: | |
| □ Month 11 | Date: | |
| □ Month 12 | Date: | |
| Spring and Fall | | Check inlets and outlets for clogging and remove any debris, as required. |
| | | Notes |
| □ Spring | Date: | |
| □ Fall | Date: | |
| □ Spring | Date: | |
| □ Fall | Date: | |
| □ Spring | Date: | |
| □ Fall | Date: | |
| □ Spring | Date: | |
| □ Fall | Date: | |
| □ Spring | Date: | |
| □ Fall | Date: | |
| □ Spring | Date: | |
| □ Fall | Date: | |
| One year a | fter commissioning | Check inlets and outlets for clogging and remove any debris, as required. |
| and every | third year following | Notes |
| □ Year 1 | Date: | |
| □ Year 4 | Date: | |
| □ Year 7 | Date: | |
| □ Year 10 | Date: | |
| □ Year 13 | Date: | |
| □ Year 16 | Date: | |
| □ Year 19 | Date: | |
| □ Year 22 | Date: | |



Major Maintenance

| | Frequency | | Action | |
|----------------------------|-----------------------------|-------|---|--|
| | Every 3 years | | Obtain documentation that the inlets, outlets and vents have been cleaned and will function as intended. | |
| | | | Notes | |
| | □ Year 1 | Date: | | |
| | □ Year 4 | Date: | | |
| | □ Year 7 | Date: | | |
| | □ Year 10 | Date: | | |
| | □ Year 13 | Date: | | |
| | □ Year 16 | Date: | | |
| <u>5</u> | □ Year 19 | Date: | | |
| Į Į | □ Year 22 | Date: | | |
| Inlets and Outlets | Spring and Fall | | Check inlet and outlets for clogging and remove any debris, as required. | |
| ets | | | Notes | |
| | □ Spring | Date: | | |
| | □ Fall | Date: | | |
| | □ Spring | Date: | | |
| | □ Fall | Date: | | |
| | □ Spring | Date: | | |
| | □ Fall | Date: | | |
| | □ Spring | Date: | | |
| | - Fall | Date: | | |
| | □ Spring | Date: | | |
| | □ Fall | Date: | | |
| | □ Spring | Date: | | |
| | □ Fall | Date: | | |
| lbers | 2 years after commissioning | | Inspect the interior of the stormwater management chambers through inspection port for deficiencies using CCTV or comparable technique. | |
| . Cham | | | Obtain documentation that the stormwater management chambers and feed connectors will function as anticipated. | |
| | | | Notes | |
| CULTEC Stormwater Chambers | □ Year 2 | Date: | | |



OPERATIONS AND MAINTENANCE GUIDELINES

Major Maintenance

| | - Francisco | | Action |
|-----------------------------|------------------------------|-------|--|
| | Frequency | | Action |
| 9 years afte every 9 yea | | | ☐ Clean stormwater management chambers and feed connectors of any debris. |
| | | | □ Inspect the interior of the stormwater management structures for deficiencies using CCTV or comparable technique. |
| | | | Obtain documentation that the stormwater management chambers and feed connectors have been cleaned and will function as intended. |
| | | | Notes |
| | □ Year 9 | Date: | |
| | □ Year 18 | Date: | |
| | □ Year 27 | Date: | |
| S e s | □ Year 36 | Date: | |
| la di | 45 years after commissioning | | Clean stormwater management chambers and feed connectors of any debris. |
| CULTEC Stormwater Chambers | | | Determine the remaining life expectancy of the stormwater management chambers and recommended schedule and actions to rehabilitate the stormwater management chambers as required. |
| C Storr | | | □ Inspect the interior of the stormwater management chambers for deficiencies using CCTV or comparable technique. |
| CULTE | | | □ Replace or restore the stormwater management chambers in accordance with the schedule determined at the 45-year inspection. |
| | | | □ Attain the appropriate approvals as required. |
| | | | Establish a new operation and maintenance schedule. |
| | | | Notes |
| | □ Year 45 | Date: | |
| | | | |
| | | | |
| | | | |
| | | | |



Major Maintenance

| | Frequency | | Action | |
|------------------|---------------|-------|---|--|
| | Monthly in 1s | year | ☐ Check for depressions in areas over and surrounding the stormwater management system. | |
| | | T | Notes | |
| | □ Month 1 | Date: | | |
| | □ Month 2 | Date: | | |
| | □ Month 3 | Date: | | |
| | □ Month 4 | Date: | | |
| | □ Month 5 | Date: | | |
| | □ Month 6 | Date: | | |
| | □ Month 7 | Date: | | |
| | □ Month 8 | Date: | | |
| | □ Month 9 | Date: | | |
| | □ Month 10 | Date: | | |
| | □ Month 11 | Date: | | |
| | □ Month 12 | Date: | | |
| Spring and Fall | | all | Check for depressions in areas over and surrounding the stormwater management system. | |
| P | | | Notes | |
| Surrounding Site | □ Spring | Date: | | |
| ji ĝi | □ Fall | Date: | | |
| | □ Spring | Date: | | |
| 5 | □ Fall | Date: | | |
| l ä | □ Spring | Date: | | |
| " | □ Fall | Date: | | |
| | □ Spring | Date: | | |
| | □ Fall | Date: | | |
| | □ Spring | Date: | | |
| | □ Fall | Date: | | |
| | □ Spring | Date: | | |
| | □ Fall | Date: | | |
| | Yearly | | Confirm that no unauthorized modifications have been performed to the site. | |
| 1 | | | Notes | |
| | □ Year 1 | Date: | | |
| | □ Year 2 | Date: | | |
| | □ Year 3 | Date: | | |
| | □ Үеаг 4 | Date: | | |
| | □ Year 5 | Date: | | |
| | □ Year 6 | Date: | | |
| | □ Year 7 | Date: | | |



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