

Subsection: Unit Hydrograph (Hydrograph Table)  
 Label: EDA-1  
 Scenario: Pre-Development 25 Year

Return Event: 25 years  
 Storm Event: 25 Year

|                                      |                            |
|--------------------------------------|----------------------------|
| Storm Event                          | 25 Year                    |
| Return Event                         | 25 years                   |
| Duration                             | 24.000 hours               |
| Depth                                | 6.4 in                     |
| Time of Concentration<br>(Composite) | 0.176 hours                |
| Area (User Defined)                  | 24,008.700 ft <sup>2</sup> |

### HYDROGRAPH ORDINATES (ft<sup>3</sup>/s)

Output Time Increment = 0.050 hours

Time on left represents time for first value in each row.

| Time<br>(hours) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) |
|-----------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| 6.650           | 0.00                         | 0.00                         | 0.00                         | 0.00                         | 0.00                         |
| 6.900           | 0.00                         | 0.00                         | 0.00                         | 0.00                         | 0.00                         |
| 7.150           | 0.00                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 7.400           | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 7.650           | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 7.900           | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 8.150           | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 8.400           | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 8.650           | 0.02                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 8.900           | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.04                         |
| 9.150           | 0.04                         | 0.04                         | 0.04                         | 0.04                         | 0.04                         |
| 9.400           | 0.04                         | 0.05                         | 0.05                         | 0.05                         | 0.05                         |
| 9.650           | 0.05                         | 0.05                         | 0.06                         | 0.06                         | 0.06                         |
| 9.900           | 0.06                         | 0.06                         | 0.06                         | 0.07                         | 0.07                         |
| 10.150          | 0.07                         | 0.07                         | 0.08                         | 0.08                         | 0.08                         |
| 10.400          | 0.08                         | 0.09                         | 0.09                         | 0.09                         | 0.10                         |
| 10.650          | 0.10                         | 0.10                         | 0.11                         | 0.11                         | 0.11                         |
| 10.900          | 0.12                         | 0.12                         | 0.12                         | 0.13                         | 0.13                         |
| 11.150          | 0.14                         | 0.15                         | 0.16                         | 0.17                         | 0.18                         |
| 11.400          | 0.19                         | 0.20                         | 0.22                         | 0.23                         | 0.27                         |
| 11.650          | 0.32                         | 0.40                         | 0.49                         | 0.60                         | 0.71                         |
| 11.900          | 0.83                         | 1.02                         | 1.39                         | 1.77                         | 2.04                         |
| 12.150          | 2.11                         | 1.91                         | 1.60                         | 1.35                         | 1.17                         |
| 12.400          | 1.01                         | 0.87                         | 0.73                         | 0.61                         | 0.51                         |
| 12.650          | 0.43                         | 0.38                         | 0.35                         | 0.33                         | 0.31                         |
| 12.900          | 0.29                         | 0.28                         | 0.26                         | 0.25                         | 0.24                         |
| 13.150          | 0.23                         | 0.22                         | 0.22                         | 0.21                         | 0.21                         |
| 13.400          | 0.21                         | 0.20                         | 0.20                         | 0.20                         | 0.19                         |
| 13.650          | 0.19                         | 0.19                         | 0.18                         | 0.18                         | 0.17                         |
| 13.900          | 0.17                         | 0.17                         | 0.16                         | 0.16                         | 0.16                         |
| 14.150          | 0.15                         | 0.15                         | 0.15                         | 0.15                         | 0.15                         |
| 14.400          | 0.14                         | 0.14                         | 0.14                         | 0.14                         | 0.14                         |
| 14.650          | 0.14                         | 0.13                         | 0.13                         | 0.13                         | 0.13                         |
| 14.900          | 0.13                         | 0.13                         | 0.12                         | 0.12                         | 0.12                         |

Subsection: Unit Hydrograph (Hydrograph Table)  
 Label: EDA-1  
 Scenario: Pre-Development 25 Year

Return Event: 25 years  
 Storm Event: 25 Year

**HYDROGRAPH ORDINATES (ft<sup>3</sup>/s)**  
**Output Time Increment = 0.050 hours**  
**Time on left represents time for first value in each row.**

| Time<br>(hours) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) |
|-----------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| 15.150          | 0.12                         | 0.12                         | 0.11                         | 0.11                         | 0.11                         |
| 15.400          | 0.11                         | 0.11                         | 0.11                         | 0.10                         | 0.10                         |
| 15.650          | 0.10                         | 0.10                         | 0.10                         | 0.10                         | 0.09                         |
| 15.900          | 0.09                         | 0.09                         | 0.09                         | 0.09                         | 0.08                         |
| 16.150          | 0.08                         | 0.08                         | 0.08                         | 0.08                         | 0.08                         |
| 16.400          | 0.08                         | 0.08                         | 0.08                         | 0.08                         | 0.08                         |
| 16.650          | 0.07                         | 0.07                         | 0.07                         | 0.07                         | 0.07                         |
| 16.900          | 0.07                         | 0.07                         | 0.07                         | 0.07                         | 0.07                         |
| 17.150          | 0.07                         | 0.07                         | 0.07                         | 0.06                         | 0.06                         |
| 17.400          | 0.06                         | 0.06                         | 0.06                         | 0.06                         | 0.06                         |
| 17.650          | 0.06                         | 0.06                         | 0.06                         | 0.06                         | 0.06                         |
| 17.900          | 0.06                         | 0.05                         | 0.05                         | 0.05                         | 0.05                         |
| 18.150          | 0.05                         | 0.05                         | 0.05                         | 0.05                         | 0.05                         |
| 18.400          | 0.05                         | 0.05                         | 0.05                         | 0.05                         | 0.05                         |
| 18.650          | 0.05                         | 0.05                         | 0.05                         | 0.05                         | 0.05                         |
| 18.900          | 0.05                         | 0.05                         | 0.05                         | 0.05                         | 0.05                         |
| 19.150          | 0.05                         | 0.05                         | 0.05                         | 0.05                         | 0.05                         |
| 19.400          | 0.05                         | 0.05                         | 0.04                         | 0.04                         | 0.04                         |
| 19.650          | 0.04                         | 0.04                         | 0.04                         | 0.04                         | 0.04                         |
| 19.900          | 0.04                         | 0.04                         | 0.04                         | 0.04                         | 0.04                         |
| 20.150          | 0.04                         | 0.04                         | 0.04                         | 0.04                         | 0.04                         |
| 20.400          | 0.04                         | 0.04                         | 0.04                         | 0.04                         | 0.04                         |
| 20.650          | 0.04                         | 0.04                         | 0.04                         | 0.04                         | 0.04                         |
| 20.900          | 0.04                         | 0.04                         | 0.04                         | 0.04                         | 0.04                         |
| 21.150          | 0.04                         | 0.04                         | 0.04                         | 0.04                         | 0.04                         |
| 21.400          | 0.04                         | 0.04                         | 0.04                         | 0.04                         | 0.04                         |
| 21.650          | 0.04                         | 0.04                         | 0.04                         | 0.04                         | 0.04                         |
| 21.900          | 0.04                         | 0.04                         | 0.04                         | 0.04                         | 0.03                         |
| 22.150          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 22.400          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 22.650          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 22.900          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 23.150          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 23.400          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 23.650          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 23.900          | 0.03                         | 0.03                         | 0.03                         | (N/A)                        | (N/A)                        |

Subsection: Unit Hydrograph (Hydrograph Table)  
 Label: EDA-2  
 Scenario: Pre-Development 25 Year

Return Event: 25 years  
 Storm Event: 25 Year

|                                      |                           |
|--------------------------------------|---------------------------|
| Storm Event                          | 25 Year                   |
| Return Event                         | 25 years                  |
| Duration                             | 24.000 hours              |
| Depth                                | 6.4 in                    |
| Time of Concentration<br>(Composite) | 0.112 hours               |
| Area (User Defined)                  | 7,650.400 ft <sup>2</sup> |

### HYDROGRAPH ORDINATES (ft<sup>3</sup>/s)

Output Time Increment = 0.050 hours

Time on left represents time for first value in each row.

| Time<br>(hours) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) |
|-----------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| 7.400           | 0.00                         | 0.00                         | 0.00                         | 0.00                         | 0.00                         |
| 7.650           | 0.00                         | 0.00                         | 0.00                         | 0.00                         | 0.00                         |
| 7.900           | 0.00                         | 0.00                         | 0.00                         | 0.00                         | 0.00                         |
| 8.150           | 0.00                         | 0.00                         | 0.00                         | 0.00                         | 0.00                         |
| 8.400           | 0.00                         | 0.00                         | 0.01                         | 0.01                         | 0.01                         |
| 8.650           | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 8.900           | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 9.150           | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 9.400           | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 9.650           | 0.01                         | 0.01                         | 0.02                         | 0.02                         | 0.02                         |
| 9.900           | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 10.150          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 10.400          | 0.02                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 10.650          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 10.900          | 0.03                         | 0.04                         | 0.04                         | 0.04                         | 0.04                         |
| 11.150          | 0.04                         | 0.05                         | 0.05                         | 0.05                         | 0.06                         |
| 11.400          | 0.06                         | 0.06                         | 0.07                         | 0.08                         | 0.09                         |
| 11.650          | 0.11                         | 0.14                         | 0.17                         | 0.21                         | 0.24                         |
| 11.900          | 0.29                         | 0.38                         | 0.55                         | 0.64                         | 0.69                         |
| 12.150          | 0.64                         | 0.49                         | 0.40                         | 0.35                         | 0.31                         |
| 12.400          | 0.26                         | 0.22                         | 0.18                         | 0.15                         | 0.13                         |
| 12.650          | 0.11                         | 0.10                         | 0.10                         | 0.09                         | 0.09                         |
| 12.900          | 0.09                         | 0.08                         | 0.08                         | 0.07                         | 0.07                         |
| 13.150          | 0.07                         | 0.07                         | 0.07                         | 0.07                         | 0.06                         |
| 13.400          | 0.06                         | 0.06                         | 0.06                         | 0.06                         | 0.06                         |
| 13.650          | 0.06                         | 0.06                         | 0.06                         | 0.05                         | 0.05                         |
| 13.900          | 0.05                         | 0.05                         | 0.05                         | 0.05                         | 0.05                         |
| 14.150          | 0.05                         | 0.05                         | 0.05                         | 0.05                         | 0.04                         |
| 14.400          | 0.04                         | 0.04                         | 0.04                         | 0.04                         | 0.04                         |
| 14.650          | 0.04                         | 0.04                         | 0.04                         | 0.04                         | 0.04                         |
| 14.900          | 0.04                         | 0.04                         | 0.04                         | 0.04                         | 0.04                         |
| 15.150          | 0.04                         | 0.04                         | 0.04                         | 0.03                         | 0.03                         |
| 15.400          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 15.650          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |

Subsection: Unit Hydrograph (Hydrograph Table)  
 Label: EDA-2  
 Scenario: Pre-Development 25 Year

Return Event: 25 years  
 Storm Event: 25 Year

**HYDROGRAPH ORDINATES (ft<sup>3</sup>/s)**  
**Output Time Increment = 0.050 hours**  
**Time on left represents time for first value in each row.**

| Time<br>(hours) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) |
|-----------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| 15.900          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 16.150          | 0.03                         | 0.03                         | 0.03                         | 0.02                         | 0.02                         |
| 16.400          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 16.650          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 16.900          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 17.150          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 17.400          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 17.650          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 17.900          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 18.150          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 18.400          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 18.650          | 0.02                         | 0.02                         | 0.02                         | 0.01                         | 0.01                         |
| 18.900          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 19.150          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 19.400          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 19.650          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 19.900          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 20.150          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 20.400          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 20.650          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 20.900          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 21.150          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 21.400          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 21.650          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 21.900          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 22.150          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 22.400          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 22.650          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 22.900          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 23.150          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 23.400          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 23.650          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 23.900          | 0.01                         | 0.01                         | 0.01                         | (N/A)                        | (N/A)                        |

Subsection: Unit Hydrograph (Hydrograph Table)  
 Label: PDA-1A  
 Scenario: Post-Development 25 Year

Return Event: 25 years  
 Storm Event: 25 Year

|                                      |                            |
|--------------------------------------|----------------------------|
| Storm Event                          | 25 Year                    |
| Return Event                         | 25 years                   |
| Duration                             | 24.000 hours               |
| Depth                                | 6.4 in                     |
| Time of Concentration<br>(Composite) | 0.083 hours                |
| Area (User Defined)                  | 11,817.635 ft <sup>2</sup> |

### HYDROGRAPH ORDINATES (ft<sup>3</sup>/s)

Output Time Increment = 0.050 hours

Time on left represents time for first value in each row.

| Time<br>(hours) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) |
|-----------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| 4.050           | 0.00                         | 0.00                         | 0.00                         | 0.00                         | 0.00                         |
| 4.300           | 0.00                         | 0.00                         | 0.00                         | 0.00                         | 0.00                         |
| 4.550           | 0.00                         | 0.00                         | 0.00                         | 0.00                         | 0.00                         |
| 4.800           | 0.00                         | 0.00                         | 0.00                         | 0.00                         | 0.00                         |
| 5.050           | 0.00                         | 0.00                         | 0.00                         | 0.00                         | 0.00                         |
| 5.300           | 0.00                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 5.550           | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 5.800           | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 6.050           | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 6.300           | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 6.550           | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 6.800           | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 7.050           | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.02                         |
| 7.300           | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 7.550           | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 7.800           | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 8.050           | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 8.300           | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 8.550           | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 8.800           | 0.03                         | 0.03                         | 0.04                         | 0.04                         | 0.04                         |
| 9.050           | 0.04                         | 0.04                         | 0.04                         | 0.04                         | 0.04                         |
| 9.300           | 0.04                         | 0.04                         | 0.04                         | 0.05                         | 0.05                         |
| 9.550           | 0.05                         | 0.05                         | 0.05                         | 0.05                         | 0.05                         |
| 9.800           | 0.05                         | 0.05                         | 0.06                         | 0.06                         | 0.06                         |
| 10.050          | 0.06                         | 0.06                         | 0.06                         | 0.06                         | 0.07                         |
| 10.300          | 0.07                         | 0.07                         | 0.07                         | 0.07                         | 0.08                         |
| 10.550          | 0.08                         | 0.08                         | 0.08                         | 0.08                         | 0.09                         |
| 10.800          | 0.09                         | 0.09                         | 0.09                         | 0.09                         | 0.10                         |
| 11.050          | 0.10                         | 0.10                         | 0.11                         | 0.12                         | 0.12                         |
| 11.300          | 0.13                         | 0.14                         | 0.15                         | 0.15                         | 0.16                         |
| 11.550          | 0.19                         | 0.22                         | 0.28                         | 0.35                         | 0.42                         |
| 11.800          | 0.49                         | 0.56                         | 0.63                         | 0.90                         | 1.22                         |
| 12.050          | 1.32                         | 1.35                         | 1.11                         | 0.80                         | 0.67                         |
| 12.300          | 0.59                         | 0.51                         | 0.44                         | 0.37                         | 0.29                         |

Subsection: Unit Hydrograph (Hydrograph Table)  
 Label: PDA-1A  
 Scenario: Post-Development 25 Year

Return Event: 25 years  
 Storm Event: 25 Year

**HYDROGRAPH ORDINATES (ft<sup>3</sup>/s)**  
**Output Time Increment = 0.050 hours**  
**Time on left represents time for first value in each row.**

| Time<br>(hours) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) |
|-----------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| 12.550          | 0.25                         | 0.20                         | 0.19                         | 0.18                         | 0.17                         |
| 12.800          | 0.16                         | 0.16                         | 0.15                         | 0.14                         | 0.13                         |
| 13.050          | 0.13                         | 0.12                         | 0.12                         | 0.12                         | 0.11                         |
| 13.300          | 0.11                         | 0.11                         | 0.11                         | 0.11                         | 0.11                         |
| 13.550          | 0.10                         | 0.10                         | 0.10                         | 0.10                         | 0.10                         |
| 13.800          | 0.09                         | 0.09                         | 0.09                         | 0.09                         | 0.09                         |
| 14.050          | 0.08                         | 0.08                         | 0.08                         | 0.08                         | 0.08                         |
| 14.300          | 0.08                         | 0.08                         | 0.08                         | 0.08                         | 0.07                         |
| 14.550          | 0.07                         | 0.07                         | 0.07                         | 0.07                         | 0.07                         |
| 14.800          | 0.07                         | 0.07                         | 0.07                         | 0.07                         | 0.06                         |
| 15.050          | 0.06                         | 0.06                         | 0.06                         | 0.06                         | 0.06                         |
| 15.300          | 0.06                         | 0.06                         | 0.06                         | 0.06                         | 0.05                         |
| 15.550          | 0.05                         | 0.05                         | 0.05                         | 0.05                         | 0.05                         |
| 15.800          | 0.05                         | 0.05                         | 0.05                         | 0.05                         | 0.05                         |
| 16.050          | 0.04                         | 0.04                         | 0.04                         | 0.04                         | 0.04                         |
| 16.300          | 0.04                         | 0.04                         | 0.04                         | 0.04                         | 0.04                         |
| 16.550          | 0.04                         | 0.04                         | 0.04                         | 0.04                         | 0.04                         |
| 16.800          | 0.04                         | 0.04                         | 0.04                         | 0.04                         | 0.04                         |
| 17.050          | 0.04                         | 0.04                         | 0.03                         | 0.03                         | 0.03                         |
| 17.300          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 17.550          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 17.800          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 18.050          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 18.300          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 18.550          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 18.800          | 0.03                         | 0.03                         | 0.03                         | 0.02                         | 0.02                         |
| 19.050          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 19.300          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 19.550          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 19.800          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 20.050          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 20.300          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 20.550          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 20.800          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 21.050          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 21.300          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 21.550          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 21.800          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 22.050          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 22.300          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 22.550          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 22.800          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 23.050          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |

Subsection: Unit Hydrograph (Hydrograph Table)  
Label: PDA-1A  
Scenario: Post-Development 25 Year

Return Event: 25 years  
Storm Event: 25 Year

**HYDROGRAPH ORDINATES (ft<sup>3</sup>/s)**

**Output Time Increment = 0.050 hours**

**Time on left represents time for first value in each row.**

| Time<br>(hours) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) |
|-----------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| 23.300          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 23.550          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 23.800          | 0.02                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |

Subsection: Unit Hydrograph (Hydrograph Table)  
 Label: PDA-1B  
 Scenario: Post-Development 25 Year

Return Event: 25 years  
 Storm Event: 25 Year

|                                      |                            |
|--------------------------------------|----------------------------|
| Storm Event                          | 25 Year                    |
| Return Event                         | 25 years                   |
| Duration                             | 24.000 hours               |
| Depth                                | 6.4 in                     |
| Time of Concentration<br>(Composite) | 0.083 hours                |
| Area (User Defined)                  | 12,942.000 ft <sup>2</sup> |

### HYDROGRAPH ORDINATES (ft<sup>3</sup>/s)

Output Time Increment = 0.050 hours

Time on left represents time for first value in each row.

| Time<br>(hours) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) |
|-----------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| 6.700           | 0.00                         | 0.00                         | 0.00                         | 0.00                         | 0.00                         |
| 6.950           | 0.00                         | 0.00                         | 0.00                         | 0.00                         | 0.00                         |
| 7.200           | 0.00                         | 0.00                         | 0.00                         | 0.00                         | 0.00                         |
| 7.450           | 0.00                         | 0.00                         | 0.00                         | 0.01                         | 0.01                         |
| 7.700           | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 7.950           | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 8.200           | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 8.450           | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 8.700           | 0.01                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 8.950           | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 9.200           | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 9.450           | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 9.700           | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 9.950           | 0.03                         | 0.04                         | 0.04                         | 0.04                         | 0.04                         |
| 10.200          | 0.04                         | 0.04                         | 0.04                         | 0.05                         | 0.05                         |
| 10.450          | 0.05                         | 0.05                         | 0.05                         | 0.05                         | 0.06                         |
| 10.700          | 0.06                         | 0.06                         | 0.06                         | 0.06                         | 0.07                         |
| 10.950          | 0.07                         | 0.07                         | 0.07                         | 0.08                         | 0.08                         |
| 11.200          | 0.09                         | 0.09                         | 0.10                         | 0.11                         | 0.11                         |
| 11.450          | 0.12                         | 0.13                         | 0.15                         | 0.18                         | 0.23                         |
| 11.700          | 0.28                         | 0.34                         | 0.41                         | 0.48                         | 0.55                         |
| 11.950          | 0.79                         | 1.10                         | 1.21                         | 1.26                         | 1.05                         |
| 12.200          | 0.76                         | 0.65                         | 0.57                         | 0.50                         | 0.43                         |
| 12.450          | 0.36                         | 0.29                         | 0.24                         | 0.20                         | 0.18                         |
| 12.700          | 0.18                         | 0.17                         | 0.16                         | 0.15                         | 0.15                         |
| 12.950          | 0.14                         | 0.13                         | 0.13                         | 0.12                         | 0.12                         |
| 13.200          | 0.12                         | 0.11                         | 0.11                         | 0.11                         | 0.11                         |
| 13.450          | 0.11                         | 0.10                         | 0.10                         | 0.10                         | 0.10                         |
| 13.700          | 0.10                         | 0.10                         | 0.09                         | 0.09                         | 0.09                         |
| 13.950          | 0.09                         | 0.09                         | 0.08                         | 0.08                         | 0.08                         |
| 14.200          | 0.08                         | 0.08                         | 0.08                         | 0.08                         | 0.08                         |
| 14.450          | 0.08                         | 0.07                         | 0.07                         | 0.07                         | 0.07                         |
| 14.700          | 0.07                         | 0.07                         | 0.07                         | 0.07                         | 0.07                         |
| 14.950          | 0.07                         | 0.07                         | 0.06                         | 0.06                         | 0.06                         |

Subsection: Unit Hydrograph (Hydrograph Table)  
 Label: PDA-1B  
 Scenario: Post-Development 25 Year

Return Event: 25 years  
 Storm Event: 25 Year

**HYDROGRAPH ORDINATES (ft<sup>3</sup>/s)**  
**Output Time Increment = 0.050 hours**  
**Time on left represents time for first value in each row.**

| Time<br>(hours) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) |
|-----------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| 15.200          | 0.06                         | 0.06                         | 0.06                         | 0.06                         | 0.06                         |
| 15.450          | 0.06                         | 0.06                         | 0.05                         | 0.05                         | 0.05                         |
| 15.700          | 0.05                         | 0.05                         | 0.05                         | 0.05                         | 0.05                         |
| 15.950          | 0.05                         | 0.05                         | 0.05                         | 0.04                         | 0.04                         |
| 16.200          | 0.04                         | 0.04                         | 0.04                         | 0.04                         | 0.04                         |
| 16.450          | 0.04                         | 0.04                         | 0.04                         | 0.04                         | 0.04                         |
| 16.700          | 0.04                         | 0.04                         | 0.04                         | 0.04                         | 0.04                         |
| 16.950          | 0.04                         | 0.04                         | 0.04                         | 0.04                         | 0.04                         |
| 17.200          | 0.04                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 17.450          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 17.700          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 17.950          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 18.200          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 18.450          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 18.700          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 18.950          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.02                         |
| 19.200          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 19.450          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 19.700          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 19.950          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 20.200          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 20.450          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 20.700          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 20.950          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 21.200          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 21.450          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 21.700          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 21.950          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 22.200          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 22.450          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 22.700          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 22.950          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 23.200          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 23.450          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 23.700          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 23.950          | 0.02                         | 0.02                         | (N/A)                        | (N/A)                        | (N/A)                        |

Subsection: Unit Hydrograph (Hydrograph Table)  
 Label: PDA-2  
 Scenario: Post-Development 25 Year

Return Event: 25 years  
 Storm Event: 25 Year

|                                      |                           |
|--------------------------------------|---------------------------|
| Storm Event                          | 25 Year                   |
| Return Event                         | 25 years                  |
| Duration                             | 24.000 hours              |
| Depth                                | 6.4 in                    |
| Time of Concentration<br>(Composite) | 0.083 hours               |
| Area (User Defined)                  | 6,898.803 ft <sup>2</sup> |

### HYDROGRAPH ORDINATES (ft<sup>3</sup>/s)

Output Time Increment = 0.050 hours

Time on left represents time for first value in each row.

| Time<br>(hours) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) |
|-----------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| 6.700           | 0.00                         | 0.00                         | 0.00                         | 0.00                         | 0.00                         |
| 6.950           | 0.00                         | 0.00                         | 0.00                         | 0.00                         | 0.00                         |
| 7.200           | 0.00                         | 0.00                         | 0.00                         | 0.00                         | 0.00                         |
| 7.450           | 0.00                         | 0.00                         | 0.00                         | 0.00                         | 0.00                         |
| 7.700           | 0.00                         | 0.00                         | 0.00                         | 0.00                         | 0.00                         |
| 7.950           | 0.00                         | 0.00                         | 0.01                         | 0.01                         | 0.01                         |
| 8.200           | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 8.450           | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 8.700           | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 8.950           | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 9.200           | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 9.450           | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 9.700           | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 9.950           | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 10.200          | 0.02                         | 0.02                         | 0.03                         | 0.03                         | 0.03                         |
| 10.450          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 10.700          | 0.03                         | 0.03                         | 0.03                         | 0.04                         | 0.04                         |
| 10.950          | 0.04                         | 0.04                         | 0.04                         | 0.04                         | 0.05                         |
| 11.200          | 0.05                         | 0.05                         | 0.06                         | 0.06                         | 0.06                         |
| 11.450          | 0.07                         | 0.07                         | 0.08                         | 0.10                         | 0.13                         |
| 11.700          | 0.16                         | 0.19                         | 0.23                         | 0.26                         | 0.30                         |
| 11.950          | 0.43                         | 0.60                         | 0.66                         | 0.69                         | 0.57                         |
| 12.200          | 0.41                         | 0.35                         | 0.31                         | 0.27                         | 0.23                         |
| 12.450          | 0.19                         | 0.16                         | 0.13                         | 0.11                         | 0.10                         |
| 12.700          | 0.10                         | 0.09                         | 0.09                         | 0.08                         | 0.08                         |
| 12.950          | 0.07                         | 0.07                         | 0.07                         | 0.07                         | 0.06                         |
| 13.200          | 0.06                         | 0.06                         | 0.06                         | 0.06                         | 0.06                         |
| 13.450          | 0.06                         | 0.06                         | 0.06                         | 0.05                         | 0.05                         |
| 13.700          | 0.05                         | 0.05                         | 0.05                         | 0.05                         | 0.05                         |
| 13.950          | 0.05                         | 0.05                         | 0.05                         | 0.04                         | 0.04                         |
| 14.200          | 0.04                         | 0.04                         | 0.04                         | 0.04                         | 0.04                         |
| 14.450          | 0.04                         | 0.04                         | 0.04                         | 0.04                         | 0.04                         |
| 14.700          | 0.04                         | 0.04                         | 0.04                         | 0.04                         | 0.04                         |
| 14.950          | 0.04                         | 0.04                         | 0.03                         | 0.03                         | 0.03                         |

Subsection: Unit Hydrograph (Hydrograph Table)  
 Label: PDA-2  
 Scenario: Post-Development 25 Year

Return Event: 25 years  
 Storm Event: 25 Year

**HYDROGRAPH ORDINATES (ft<sup>3</sup>/s)**  
**Output Time Increment = 0.050 hours**  
**Time on left represents time for first value in each row.**

| Time<br>(hours) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) |
|-----------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| 15.200          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 15.450          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 15.700          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 15.950          | 0.03                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 16.200          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 16.450          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 16.700          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 16.950          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 17.200          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 17.450          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 17.700          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 17.950          | 0.02                         | 0.02                         | 0.02                         | 0.01                         | 0.01                         |
| 18.200          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 18.450          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 18.700          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 18.950          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 19.200          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 19.450          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 19.700          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 19.950          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 20.200          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 20.450          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 20.700          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 20.950          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 21.200          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 21.450          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 21.700          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 21.950          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 22.200          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 22.450          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 22.700          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 22.950          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 23.200          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 23.450          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 23.700          | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 23.950          | 0.01                         | 0.01                         | (N/A)                        | (N/A)                        | (N/A)                        |

Subsection: Addition Summary

Label: DL-1

Scenario: Post-Development 25 Year

Return Event: 25 years

Storm Event: 25 Year

**Summary for Hydrograph Addition at 'DL-1'**

| Upstream Link               | Upstream Node |
|-----------------------------|---------------|
| <Catchment to Outflow Node> | PDA-1B        |
|                             | R-Tanks       |

**Node Inflows**

| Inflow Type | Element | Volume<br>(ft <sup>3</sup> ) | Time to Peak<br>(hours) | Flow (Peak)<br>(ft <sup>3</sup> /s) |
|-------------|---------|------------------------------|-------------------------|-------------------------------------|
| Flow (From) | PDA-1B  | 4,475.352                    | 12.100                  | 1.26                                |
| Flow (From) |         | 5,029.766                    | 12.350                  | 0.53                                |
| Flow (In)   | DL-1    | 9,505.118                    | 12.100                  | 1.72                                |

Subsection: Addition Summary

Label: DL-1

Scenario: Pre-Development 25 Year

Return Event: 25 years

Storm Event: 25 Year

**Summary for Hydrograph Addition at 'DL-1'**

| Upstream Link               | Upstream Node |
|-----------------------------|---------------|
| <Catchment to Outflow Node> | EDA-1         |

**Node Inflows**

| Inflow Type | Element | Volume<br>(ft <sup>3</sup> ) | Time to Peak<br>(hours) | Flow (Peak)<br>(ft <sup>3</sup> /s) |
|-------------|---------|------------------------------|-------------------------|-------------------------------------|
| Flow (From) | EDA-1   | 8,294.216                    | 12.150                  | 2.11                                |
| Flow (In)   | DL-1    | 8,294.216                    | 12.150                  | 2.11                                |

Subsection: Addition Summary

Label: DL-2

Scenario: Post-Development 25 Year

Return Event: 25 years

Storm Event: 25 Year

**Summary for Hydrograph Addition at 'DL-2'**

| Upstream Link               | Upstream Node |
|-----------------------------|---------------|
| <Catchment to Outflow Node> | PDA-2         |

**Node Inflows**

| Inflow Type | Element | Volume<br>(ft <sup>3</sup> ) | Time to Peak<br>(hours) | Flow (Peak)<br>(ft <sup>3</sup> /s) |
|-------------|---------|------------------------------|-------------------------|-------------------------------------|
| Flow (From) | PDA-2   | 2,446.547                    | 12.100                  | 0.69                                |
| Flow (In)   | DL-2    | 2,446.547                    | 12.100                  | 0.69                                |

Subsection: Addition Summary

Label: DL-2

Scenario: Pre-Development 25 Year

Return Event: 25 years

Storm Event: 25 Year

**Summary for Hydrograph Addition at 'DL-2'**

| Upstream Link               | Upstream Node |
|-----------------------------|---------------|
| <Catchment to Outflow Node> | EDA-2         |

**Node Inflows**

| Inflow Type | Element | Volume<br>(ft <sup>3</sup> ) | Time to Peak<br>(hours) | Flow (Peak)<br>(ft <sup>3</sup> /s) |
|-------------|---------|------------------------------|-------------------------|-------------------------------------|
| Flow (From) | EDA-2   | 2,511.605                    | 12.100                  | 0.69                                |
| Flow (In)   | DL-2    | 2,511.605                    | 12.100                  | 0.69                                |

Subsection: Elevation vs. Volume Curve  
 Label: R-Tanks  
 Scenario: Post-Development 25 Year

Return Event: 25 years  
 Storm Event: 25 Year

### Elevation-Volume

| Pond Elevation<br>(ft) | Pond Volume<br>(ft³) |
|------------------------|----------------------|
| 8.90                   | 0.000                |
| 8.95                   | 43.560               |
| 9.00                   | 87.120               |
| 9.05                   | 130.680              |
| 9.10                   | 130.680              |
| 9.15                   | 174.240              |
| 9.20                   | 217.800              |
| 9.25                   | 261.360              |
| 9.30                   | 304.920              |
| 9.35                   | 348.480              |
| 9.40                   | 392.040              |
| 9.45                   | 392.040              |
| 9.50                   | 435.600              |
| 9.55                   | 479.160              |
| 9.60                   | 522.720              |
| 9.65                   | 566.280              |
| 9.70                   | 609.840              |
| 9.75                   | 653.400              |
| 9.80                   | 696.960              |
| 9.85                   | 696.960              |
| 9.90                   | 740.520              |
| 9.95                   | 784.080              |
| 10.00                  | 827.640              |
| 10.05                  | 871.200              |
| 10.10                  | 914.760              |
| 10.15                  | 958.320              |
| 10.20                  | 958.320              |
| 10.25                  | 1,001.880            |
| 10.30                  | 1,045.440            |
| 10.35                  | 1,089.000            |
| 10.40                  | 1,132.560            |
| 10.45                  | 1,176.120            |
| 10.50                  | 1,219.680            |
| 10.55                  | 1,219.680            |
| 10.60                  | 1,263.240            |
| 10.65                  | 1,306.800            |
| 10.70                  | 1,350.360            |
| 10.75                  | 1,393.920            |
| 10.80                  | 1,437.480            |
| 10.85                  | 1,481.040            |
| 10.90                  | 1,481.040            |
| 10.95                  | 1,524.600            |
| 11.00                  | 1,568.160            |
| 11.05                  | 1,611.720            |
| 11.10                  | 1,655.280            |

Subsection: Elevation vs. Volume Curve  
Label: R-Tanks  
Scenario: Post-Development 25 Year

Return Event: 25 years  
Storm Event: 25 Year

### Elevation-Volume

| Pond Elevation<br>(ft) | Pond Volume<br>(ft <sup>3</sup> ) |
|------------------------|-----------------------------------|
| 11.15                  | 1,698.840                         |

Subsection: Outlet Input Data  
 Label: OCS  
 Scenario: Post-Development 25 Year

Return Event: 25 years  
 Storm Event: 25 Year

| Requested Pond Water Surface Elevations |          |
|-----------------------------------------|----------|
| Minimum (Headwater)                     | 8.90 ft  |
| Increment (Headwater)                   | 0.50 ft  |
| Maximum (Headwater)                     | 11.15 ft |

### Outlet Connectivity

| Structure Type     | Outlet ID     | Direction | Outfall       | E1<br>(ft) | E2<br>(ft) |
|--------------------|---------------|-----------|---------------|------------|------------|
| Culvert-Circular   | Culvert - In  | Forward   | Orifice - 1   | 8.90       | 11.15      |
| Orifice-Circular   | Orifice - 1   | Forward   | Culvert - Out | 8.80       | 11.15      |
| Rectangular Weir   | Weir - 1      | Forward   | Culvert - Out | 10.95      | 11.15      |
| Culvert-Circular   | Culvert - Out | Forward   | TW            | 7.92       | 11.15      |
| Tailwater Settings | Tailwater     |           |               | (N/A)      | (N/A)      |

Subsection: Outlet Input Data  
Label: OCS  
Scenario: Post-Development 25 Year

Return Event: 25 years  
Storm Event: 25 Year

---

Structure ID: Orifice - 1  
Structure Type: Orifice-Circular

---

|                     |         |
|---------------------|---------|
| Number of Openings  | 1       |
| Elevation           | 8.80 ft |
| Orifice Diameter    | 4.0 in  |
| Orifice Coefficient | 0.600   |

---

---

Structure ID: Weir - 1  
Structure Type: Rectangular Weir

---

|                    |                             |
|--------------------|-----------------------------|
| Number of Openings | 1                           |
| Elevation          | 10.95 ft                    |
| Weir Length        | 4.00 ft                     |
| Weir Coefficient   | 3.33 (ft <sup>0.5</sup> )/s |

---

Subsection: Outlet Input Data  
Label: OCS  
Scenario: Post-Development 25 Year

Return Event: 25 years  
Storm Event: 25 Year

|                                  |             |
|----------------------------------|-------------|
| Structure ID: Culvert - In       |             |
| Structure Type: Culvert-Circular |             |
| Number of Barrels                | 1           |
| Diameter                         | 12.0 in     |
| Length                           | 5.00 ft     |
| Length (Computed Barrel)         | 5.00 ft     |
| Slope (Computed)                 | 0.020 ft/ft |
| Outlet Control Data              |             |
| Manning's n                      | 0.013       |
| Ke                               | 0.200       |
| Kb                               | 0.031       |
| Kr                               | 0.000       |
| Convergence Tolerance            | 0.00 ft     |
| Inlet Control Data               |             |
| Equation Form                    | Form 1      |
| K                                | 0.0045      |
| M                                | 2.0000      |
| C                                | 0.0317      |
| Y                                | 0.6900      |
| T1 ratio (HW/D)                  | 0.000       |
| T2 ratio (HW/D)                  | 1.187       |
| Slope Correction Factor          | -0.500      |

Use unsubmerged inlet control 0 equation below T1 elevation.

Use submerged inlet control 0 equation above T2 elevation

In transition zone between unsubmerged and submerged inlet control,  
interpolate between flows at T1 & T2...

|              |          |         |                         |
|--------------|----------|---------|-------------------------|
| T1 Elevation | 8.90 ft  | T1 Flow | 2.75 ft <sup>3</sup> /s |
| T2 Elevation | 10.09 ft | T2 Flow | 3.14 ft <sup>3</sup> /s |

Subsection: Outlet Input Data  
 Label: OCS  
 Scenario: Post-Development 25 Year

Return Event: 25 years  
 Storm Event: 25 Year

|                                  |             |
|----------------------------------|-------------|
| Structure ID: Culvert - Out      |             |
| Structure Type: Culvert-Circular |             |
| Number of Barrels                | 1           |
| Diameter                         | 12.0 in     |
| Length                           | 27.00 ft    |
| Length (Computed Barrel)         | 27.00 ft    |
| Slope (Computed)                 | 0.006 ft/ft |
| Outlet Control Data              |             |
| Manning's n                      | 0.013       |
| Ke                               | 0.200       |
| Kb                               | 0.031       |
| Kr                               | 0.000       |
| Convergence Tolerance            | 0.00 ft     |
| Inlet Control Data               |             |
| Equation Form                    | Form 1      |
| K                                | 0.0045      |
| M                                | 2.0000      |
| C                                | 0.0317      |
| Y                                | 0.6900      |
| T1 ratio (HW/D)                  | 0.000       |
| T2 ratio (HW/D)                  | 1.194       |
| Slope Correction Factor          | -0.500      |

Use unsubmerged inlet control 0 equation below T1 elevation.

Use submerged inlet control 0 equation above T2 elevation

In transition zone between unsubmerged and submerged inlet control, interpolate between flows at T1 & T2...

|              |         |         |                         |
|--------------|---------|---------|-------------------------|
| T1 Elevation | 7.92 ft | T1 Flow | 2.75 ft <sup>3</sup> /s |
| T2 Elevation | 9.11 ft | T2 Flow | 3.14 ft <sup>3</sup> /s |

Subsection: Outlet Input Data  
Label: OCS  
Scenario: Post-Development 25 Year

Return Event: 25 years  
Storm Event: 25 Year

|                                      |                           |
|--------------------------------------|---------------------------|
| Structure ID: TW                     |                           |
| Structure Type: TW Setup, DS Channel |                           |
| Tailwater Type                       | Free Outfall              |
| Convergence Tolerances               |                           |
| Maximum Iterations                   | 30                        |
| Tailwater Tolerance (Minimum)        | 0.01 ft                   |
| Tailwater Tolerance (Maximum)        | 0.50 ft                   |
| Headwater Tolerance (Minimum)        | 0.01 ft                   |
| Headwater Tolerance (Maximum)        | 0.50 ft                   |
| Flow Tolerance (Minimum)             | 0.001 ft <sup>3</sup> /s  |
| Flow Tolerance (Maximum)             | 10.000 ft <sup>3</sup> /s |

Subsection: Composite Rating Curve  
 Label: OCS  
 Scenario: Post-Development 25 Year

Return Event: 25 years  
 Storm Event: 25 Year

Composite Outflow Summary

| Water Surface<br>Elevation<br>(ft) | Flow<br>(ft <sup>3</sup> /s) | Tailwater Elevation<br>(ft) | Convergence Error<br>(ft) |
|------------------------------------|------------------------------|-----------------------------|---------------------------|
| 8.90                               | 0.00                         | (N/A)                       | 0.00                      |
| 9.40                               | 0.27                         | (N/A)                       | 0.00                      |
| 9.90                               | 0.40                         | (N/A)                       | 0.00                      |
| 10.40                              | 0.50                         | (N/A)                       | 0.00                      |
| 10.90                              | 0.58                         | (N/A)                       | 0.00                      |
| 10.95                              | 0.59                         | (N/A)                       | 0.00                      |
| 11.15                              | 1.81                         | (N/A)                       | 0.00                      |

Contributing Structures

(no Q: Culvert -  
 In,Orifice - 1,Weir -  
 1,Culvert - Out)  
 Culvert - In,Orifice -  
 1,Culvert - Out (no Q:  
 Weir - 1)  
 Culvert - In,Orifice -  
 1,Culvert - Out (no Q:  
 Weir - 1)  
 Culvert - In,Orifice -  
 1,Culvert - Out (no Q:  
 Weir - 1)  
 Culvert - In,Orifice -  
 1,Culvert - Out (no Q:  
 Weir - 1)  
 Culvert - In,Orifice -  
 1,Culvert - Out (no Q:  
 Weir - 1)  
 Culvert - In,Orifice -  
 1,Weir - 1,Culvert - Out

Subsection: Elevation-Volume-Flow Table (Pond)  
 Label: R-Tanks  
 Scenario: Post-Development 25 Year

Return Event: 25 years  
 Storm Event: 25 Year

| Infiltration                          |                         |
|---------------------------------------|-------------------------|
| Infiltration Method<br>(Computed)     | No Infiltration         |
| Initial Conditions                    |                         |
| Elevation (Water Surface,<br>Initial) | 8.90 ft                 |
| Volume (Initial)                      | 0.000 ft <sup>3</sup>   |
| Flow (Initial Outlet)                 | 0.00 ft <sup>3</sup> /s |
| Flow (Initial Infiltration)           | 0.00 ft <sup>3</sup> /s |
| Flow (Initial, Total)                 | 0.00 ft <sup>3</sup> /s |
| Time Increment                        | 0.050 hours             |

| Elevation<br>(ft) | Outflow<br>(ft <sup>3</sup> /s) | Storage<br>(ft <sup>3</sup> ) | Area<br>(ft <sup>2</sup> ) | Infiltration<br>(ft <sup>3</sup> /s) | Flow (Total)<br>(ft <sup>3</sup> /s) | 2S/t + O<br>(ft <sup>3</sup> /s) |
|-------------------|---------------------------------|-------------------------------|----------------------------|--------------------------------------|--------------------------------------|----------------------------------|
| 8.90              | 0.00                            | 0.000                         | 0.000                      | 0.00                                 | 0.00                                 | 0.00                             |
| 9.40              | 0.27                            | 392.040                       | 0.000                      | 0.00                                 | 0.27                                 | 4.63                             |
| 9.90              | 0.40                            | 740.520                       | 0.000                      | 0.00                                 | 0.40                                 | 8.63                             |
| 10.40             | 0.50                            | 1,132.560                     | 0.000                      | 0.00                                 | 0.50                                 | 13.09                            |
| 10.90             | 0.58                            | 1,481.040                     | 0.000                      | 0.00                                 | 0.58                                 | 17.04                            |
| 10.95             | 0.59                            | 1,524.600                     | 0.000                      | 0.00                                 | 0.59                                 | 17.53                            |
| 11.15             | 1.81                            | 1,698.840                     | 0.000                      | 0.00                                 | 1.81                                 | 20.69                            |

Subsection: Pond Routed Hydrograph (total out)  
 Label: R-Tanks (OUT)  
 Scenario: Post-Development 25 Year

Return Event: 25 years  
 Storm Event: 25 Year

|                   |                           |
|-------------------|---------------------------|
| Peak Discharge    | 0.53 ft <sup>3</sup> /s   |
| Time to Peak      | 12.350 hours              |
| Hydrograph Volume | 5,028.978 ft <sup>3</sup> |

**HYDROGRAPH ORDINATES (ft<sup>3</sup>/s)**  
**Output Time Increment = 0.050 hours**

**Time on left represents time for first value in each row.**

| Time<br>(hours) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) |
|-----------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| 4.350           | 0.00                         | 0.00                         | 0.00                         | 0.00                         | 0.00                         |
| 4.600           | 0.00                         | 0.00                         | 0.00                         | 0.00                         | 0.00                         |
| 4.850           | 0.00                         | 0.00                         | 0.00                         | 0.00                         | 0.00                         |
| 5.100           | 0.00                         | 0.00                         | 0.00                         | 0.00                         | 0.00                         |
| 5.350           | 0.00                         | 0.00                         | 0.00                         | 0.00                         | 0.00                         |
| 5.600           | 0.00                         | 0.00                         | 0.01                         | 0.01                         | 0.01                         |
| 5.850           | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 6.100           | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 6.350           | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 6.600           | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 6.850           | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 7.100           | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 7.350           | 0.01                         | 0.01                         | 0.01                         | 0.01                         | 0.01                         |
| 7.600           | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 7.850           | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 8.100           | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 8.350           | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 8.600           | 0.02                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 8.850           | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 9.100           | 0.03                         | 0.03                         | 0.03                         | 0.04                         | 0.04                         |
| 9.350           | 0.04                         | 0.04                         | 0.04                         | 0.04                         | 0.04                         |
| 9.600           | 0.04                         | 0.04                         | 0.04                         | 0.04                         | 0.05                         |
| 9.850           | 0.05                         | 0.05                         | 0.05                         | 0.05                         | 0.05                         |
| 10.100          | 0.05                         | 0.05                         | 0.05                         | 0.06                         | 0.06                         |
| 10.350          | 0.06                         | 0.06                         | 0.06                         | 0.06                         | 0.06                         |
| 10.600          | 0.07                         | 0.07                         | 0.07                         | 0.07                         | 0.07                         |
| 10.850          | 0.07                         | 0.08                         | 0.08                         | 0.08                         | 0.08                         |
| 11.100          | 0.08                         | 0.09                         | 0.09                         | 0.09                         | 0.10                         |
| 11.350          | 0.10                         | 0.11                         | 0.11                         | 0.12                         | 0.12                         |
| 11.600          | 0.13                         | 0.15                         | 0.17                         | 0.19                         | 0.22                         |
| 11.850          | 0.26                         | 0.29                         | 0.32                         | 0.37                         | 0.42                         |
| 12.100          | 0.46                         | 0.49                         | 0.51                         | 0.52                         | 0.53                         |
| 12.350          | 0.53                         | 0.52                         | 0.52                         | 0.51                         | 0.50                         |
| 12.600          | 0.49                         | 0.48                         | 0.46                         | 0.45                         | 0.44                         |
| 12.850          | 0.43                         | 0.41                         | 0.40                         | 0.39                         | 0.37                         |
| 13.100          | 0.35                         | 0.34                         | 0.32                         | 0.31                         | 0.30                         |
| 13.350          | 0.29                         | 0.27                         | 0.25                         | 0.24                         | 0.22                         |
| 13.600          | 0.21                         | 0.19                         | 0.18                         | 0.17                         | 0.16                         |
| 13.850          | 0.15                         | 0.15                         | 0.14                         | 0.13                         | 0.13                         |

Subsection: Pond Routed Hydrograph (total out)  
 Label: R-Tanks (OUT)  
 Scenario: Post-Development 25 Year

Return Event: 25 years  
 Storm Event: 25 Year

### HYDROGRAPH ORDINATES (ft<sup>3</sup>/s)

Output Time Increment = 0.050 hours

Time on left represents time for first value in each row.

| Time<br>(hours) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) | Flow<br>(ft <sup>3</sup> /s) |
|-----------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| 14.100          | 0.12                         | 0.12                         | 0.11                         | 0.11                         | 0.11                         |
| 14.350          | 0.10                         | 0.10                         | 0.10                         | 0.09                         | 0.09                         |
| 14.600          | 0.09                         | 0.09                         | 0.09                         | 0.08                         | 0.08                         |
| 14.850          | 0.08                         | 0.08                         | 0.08                         | 0.08                         | 0.07                         |
| 15.100          | 0.07                         | 0.07                         | 0.07                         | 0.07                         | 0.07                         |
| 15.350          | 0.07                         | 0.07                         | 0.06                         | 0.06                         | 0.06                         |
| 15.600          | 0.06                         | 0.06                         | 0.06                         | 0.06                         | 0.06                         |
| 15.850          | 0.06                         | 0.06                         | 0.05                         | 0.05                         | 0.05                         |
| 16.100          | 0.05                         | 0.05                         | 0.05                         | 0.05                         | 0.05                         |
| 16.350          | 0.05                         | 0.05                         | 0.05                         | 0.05                         | 0.04                         |
| 16.600          | 0.04                         | 0.04                         | 0.04                         | 0.04                         | 0.04                         |
| 16.850          | 0.04                         | 0.04                         | 0.04                         | 0.04                         | 0.04                         |
| 17.100          | 0.04                         | 0.04                         | 0.04                         | 0.04                         | 0.04                         |
| 17.350          | 0.04                         | 0.04                         | 0.04                         | 0.04                         | 0.03                         |
| 17.600          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 17.850          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 18.100          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 18.350          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 18.600          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 18.850          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 19.100          | 0.03                         | 0.03                         | 0.03                         | 0.03                         | 0.03                         |
| 19.350          | 0.03                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 19.600          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 19.850          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 20.100          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 20.350          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 20.600          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 20.850          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 21.100          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 21.350          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 21.600          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 21.850          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 22.100          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 22.350          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 22.600          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 22.850          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 23.100          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 23.350          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 23.600          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | 0.02                         |
| 23.850          | 0.02                         | 0.02                         | 0.02                         | 0.02                         | (N/A)                        |

# Index

## D

DL-1 (Addition Summary, 25 years (Post-Development 25 Year))...32

DL-1 (Addition Summary, 25 years (Pre-Development 25 Year))...33

DL-2 (Addition Summary, 25 years (Post-Development 25 Year))...34

DL-2 (Addition Summary, 25 years (Pre-Development 25 Year))...35

## E

EDA-1 (Runoff CN-Area, 25 years (Pre-Development 25 Year))...16

EDA-1 (Time of Concentration Calculations, 25 years (Pre-Development 25 Year))...6, 7

EDA-1 (Unit Hydrograph (Hydrograph Table), 25 years (Pre-Development 25 Year))...21, 22

EDA-2 (Runoff CN-Area, 25 years (Pre-Development 25 Year))...17

EDA-2 (Time of Concentration Calculations, 25 years (Pre-Development 25 Year))...8, 9

EDA-2 (Unit Hydrograph (Hydrograph Table), 25 years (Pre-Development 25 Year))...23, 24

## M

Master Network Summary...1

## O

OCS (Composite Rating Curve, 25 years (Post-Development 25 Year))...43

OCS (Outlet Input Data, 25 years (Post-Development 25 Year))...38, 39, 40, 41, 42

## P

PDA-1A (Runoff CN-Area, 25 years (Post-Development 25 Year))...18

PDA-1A (Time of Concentration Calculations, 25 years (Post-Development 25 Year))...10, 11

PDA-1A (Unit Hydrograph (Hydrograph Table), 25 years (Post-Development 25 Year))...25, 26, 27

PDA-1B (Runoff CN-Area, 25 years (Post-Development 25 Year))...19

PDA-1B (Time of Concentration Calculations, 25 years (Post-Development 25 Year))...12, 13

PDA-1B (Unit Hydrograph (Hydrograph Table), 25 years (Post-Development 25 Year))...28, 29

PDA-2 (Runoff CN-Area, 25 years (Post-Development 25 Year))...20

PDA-2 (Time of Concentration Calculations, 25 years (Post-Development 25 Year))...14, 15

PDA-2 (Unit Hydrograph (Hydrograph Table), 25 years (Post-Development 25 Year))...30, 31

## R

R-Tanks (Elevation vs. Volume Curve, 25 years (Post-Development 25 Year))...36, 37