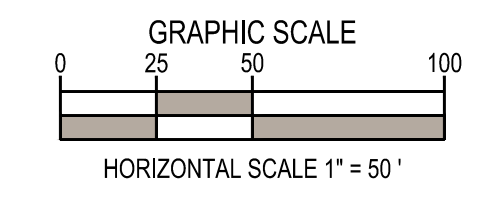


| Prorated Sub Basin Summary   |              |                       |                        |                             |                              |
|--|--------------|-----------------------|------------------------|-----------------------------|------------------------------|
| ONSITE DEVELOPED FLOW REFERENCED FROM TDS FOR POLICE PARK (DS5673) |              |                       |                        |                             |                              |
| Basin ID   | Area (acres) | Q <sub>10</sub> (cfs) | Q <sub>100</sub> (cfs) | 10 -yr Unit Flow (cfs/acre) | 100 -yr Unit Flow (cfs/acre) |
| DON1   | 8.03         | 6                     | 18                     | 0.75                        | 2.20                         |
| Subbasin ID  | Area (acres) | Q <sub>10</sub> (cfs) |                        | Q <sub>100</sub> (cfs)      |                              |
| DON1A  | 2.94         | 2                     |                        | 6                           |                              |
| DON1B  | 2.98         | 2                     |                        | 7                           |                              |
| DON1C  | 2.11         | 2                     |                        | 5                           |                              |

CONCENTRATION POINT NOTES -  
 DCP1 = DON1A + DON1C  
 DCP2 = DON1B  
 REFERENCED STUDY NOTES  
 \*REFERENCED FROM UPDATE TO THE TDS FOR POLICE PARK (DS5673)

| Developed Condition Concentration Points |   |                       |                        |  |
|--|---|-----------------------|------------------------|--|
| Data Point                               | Description   | Q <sub>10</sub> (cfs) | Q <sub>100</sub> (cfs) |  |
| REF1                                     | Referenced flow from CLV POLICE PARK (DS 5673)            | 22                    | 42                     |  |
| REF2                                     | Referenced flow from CLV POLICE PARK (DS 5673)            | 34                    | 66                     |  |
| DCP1                                     | DON1A + DON1C   | 4                     | 11                     |  |
| DCP2                                     | DON1B   | 2                     | 7                      |  |
| DCP3                                     | Developed condition of existing condition Data Point ECPE | 0                     | 0                      |  |
| DCP4                                     | Flow from DCP1  | 4                     | 11                     |  |

| Developed Condition |                   |         |           |            |                 |      |
|---------------------|-------------------|---------|-----------|------------|-----------------|------|
| Cross Section       | Description       | Q (cfs) | Slope (%) | Depth (ft) | Velocity (ft/s) | DxV  |
| SECTION A - 100 YR  | DCP1              | 11.00   | 0.40      | 0.41       | 2.30            | 0.94 |
| SECTION B - 100 YR  | DON1A             | 6.00    | 2.00      | 0.29       | 2.94            | 0.85 |
| SECTION C - 100 YR  | DON1B             | 7.00    | 4.13      | 0.28       | 4.04            | 1.13 |
| SECTION D - 100 YR  | DON1B             | 7.00    | 1.70      | 0.28       | 5.59            | 1.57 |
| SECTION E - 100 YR  | DON1A + 1/2 DON1C | 8.50    | 4.75      | 0.29       | 4.45            | 1.29 |
| SECTION F - 100 YR  | DCP1              | 11.00   | 4.75      | 0.20       | 5.41            | 1.08 |



- LEGEND
- BASIN D1
  - 1 ACRE
  - Q(10) = 10 CFS
  - Q(100) = 100 CFS
  - Hydraulic Section
  - Flow Direction
  - Basin Boundary
  - Soil Boundary

FIGURE 9  
 DRAINAGE BASINS  
 DEVELOPED CONDITIONS