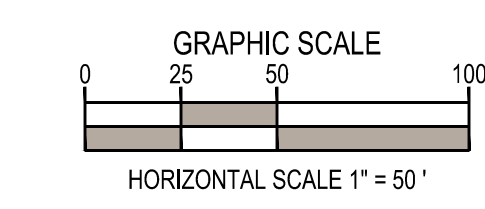


Developed Basin Condition			
Drainage Basin	Area (acres)	Q <sub>10</sub> (cfs)	Q <sub>100</sub> (cfs)
DON1	8.03	11	25
DST1	0.72	2	3

Developed Condition Concentration Points			
Data Point	Description	Q <sub>10</sub> (cfs)	Q <sub>100</sub> (cfs)
REF1	Referenced flows from CLV POLICE PARK (DS 5673A)	22	42
DCP1	REF1 + DST1	24	45
DCP2	DON1	11	25

Prorated Sub Basin Summary					
Subbasin Prorated Flow Rate Summary					
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	11	25	1.37	3.11
Subbasin ID	Area (acres)	Q <sub>10</sub> (cfs)		Q <sub>100</sub> (cfs)	
DONIA	2.52	3.45		7.85	
DONIB	1.92	2.63		5.98	
DONIC	0.66	0.90		2.05	
DONID	2.93	4.01		9.12	

Developed Condition						
Cross Section	Description	Q (cfs)	Slope (%)	Depth (ft)	Velocity (ft/s)	DxV
SECTION A - 10 YR	DCP1	24	2.95	0.45	4.75	2.14
SECTION A - 100 YR	DCP1	45	2.95	0.54	5.30	2.86
SECTION B - 100 YR	DONIA	7.85	3.01	0.30	3.67	1.10
SECTION C - 100 YR	DONIB	5.98	4.25	0.27	3.94	1.06
SECTION D - 100 YR	DONIB + DONIC	8.03	1.75	0.32	2.99	0.96
SECTION E - 100 YR	DONIA + DONID	16.97	4.75	0.35	5.22	1.83
SECTION F - 100 YR	DCP2	25	4.75	0.27	6.64	1.79



LEGEND	
<b>BASIN D1</b>	BASIN DESCRIPTION
<b>1 ACRE</b>	BASIN AREA
<b>Q(10) = 10 CFS</b>	10 YEAR FLOW RATE
<b>Q(100) = 100 CFS</b>	100 YEAR FLOW RATE
	HYDRAULIC SECTION
	FLOW DIRECTION
	BASIN BOUNDARY
	SOIL BOUNDARY

FIGURE 9  
 DRAINAGE BASINS  
 DEVELOPED CONDITIONS