

COMPOSITE CURVE NUMBER CALCULATIONS FOR DEVEX Option 1 (FINAL DEVELOPED) CONDITIONS											
Subbasin ID	Cover Description	Cover Type	Curve numbers for Hydrological Soil Groups				Hydrological Soil Group Percent of Basin				Weighted Subbasin Curve Number
	[a]	[a]	[a]				[b]				[c]
			A	B	C	D	A	B	C	D	
A-1D	Commercial and Business	Poor	89	92	94	95	0.58	0.42	0	0	90
A-2D	Commercial and Business	Poor	89	92	94	95	0.53	0.47	0	0	90
A-3D	Commercial and Business	Poor	89	92	94	95	1	0	0	0	89
C-1D	Commercial and Business	Poor	89	92	94	95	0.86	0.14	0	0	89
C-2D.1	Commercial and Business	Poor	89	92	94	95	0.58	0.42	0	0	90
C-2D.2	Commercial and Business	Poor	89	92	94	95	0.37	0.63	0	0	91
D-1.1	Impervious areas: Streets and roads: open ditches including right of way	Poor	83	89	92	93	0.37	0.63	0	0	87
D-1.2	Impervious areas: Streets and roads: open ditches including right of way	Poor	83	89	92	93	0.37	0.63	0	0	87
LV-1	Impervious areas: Streets and roads: open ditches including right of way	Poor	83	89	92	93	0.32	0.68	0	0	87
LV-2	Impervious areas: Streets and roads: open ditches including right of way	Poor	83	89	92	93	0.32	0.68	0	0	87
O-1	Desert shrub-major plants include saltbrush,greasewood,creosote bush,blackbrush,bursage,palo verde,mesquite and cactus	Poor	63	77	85	88	0.72	0.27	0	0	66
I40_1	Impervious areas: Streets and roads: open ditches including right of way	Poor	83	89	92	93	0	1	0	0	89
I40_2	Impervious areas: Streets and roads: open ditches including right of way	Poor	83	89	92	93	0	1	0	0	89
I40_3	Impervious areas: Streets and roads: open ditches including right of way	Poor	83	89	92	93	0	1	0	0	89
I40_4	Impervious areas: Streets and roads: open ditches including right of way	Poor	83	89	92	93	1	0	0	0	83

[a] NRCS Urban Hydrology for Small Watersheds Table 2-2a and 2-2d

[b] Obtained from NRCS Websoil Survey (<http://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx>)

[c] Weighted Curve Number = (CN A*Percent A)+ (CN B * Percent B) + (CN C* Percent C) + (CN D * Percent D)