EXHIBIT NO. 19

Capacity of Catch Basins With No Clogging

CB2-5 OR CB2-6

H measured vertically from window sill in feet; Top of Grate is 12" above window sill

H (Ft.)	**Q** (cfs) Total Width of Window Openings						
	0	4'	5'	6'	8'	10'	12'
	Flow thru grate only, assuming no window/s	Sum of flow thru one-4' window opening and grate	Sum of flow thru one-5' window opening and grate	Sum of flow thru one-6' window opening and grate	Sum of flow thru two-4' window opening and grate	Sum of flow thru two-5' window openings and grate	Sum of flow thru two-6' or three-4' window opening and grate
.0	.0	0.0	0.0	0.0	0.0	0.0	0.0
.1	.0	3.2	4.1	4.9	6.4	8.2	9.8
.2	.0	4.6	5.8	6.9	9.2	11.6	13.8
.3	.0	5.7	7.1	8.5	11.4	14.2	17.0
.4	.0	6.5	8.2	9.8	13.0	16.4	19.6
.5	.0	7.3	9.2	11.0	14.6	18.4	22.0
.6	.0	8.0	10.1	12.1	16.0	20.2	24.2
.7	.0	8.7	10.9	13.0	17.4	21.8	26.1
.8	.0	9.3	11.6	13.9	18.6	23.2	27.9
.9	.0	9.8	12.3	14.8	19.6	24.6	29.6
1.0	.0	10.4	13.0	15.6	20.8	26.0	31.2
1.1	.7	11.6	14.4	17.1	22.5	28.1	33.5
1.2	2.0	13.4	16.3	19.2	24.8	30.6	36.4
1.3	3.7	15.6	18.6	21.6	27.5	33.5	39.5
1.4	5.8	18.1	21.2	24.3	30.5	36.6	42.8
1.5	8.1	20.9	24.1	27.3	33.7	40.1	46.5
1.6	10.6	23.8	27.1	30.4	37.0	43.6	50.1
1.7	11.4	25.0	28.4	31.8	38.6	45.4	52.2
1.8	12.2	26.2	29.7	33.2	40.2	47.2	54.2
1.9	12.9	27.3	30.9	34.5	41.7	48.9	56.1
2.0	13.7	28.4	32.1	35.8	43.1	50.5	57.9
2.1	14.3	29.4	33.2	37.0	44.5	52.1	59.7
2.2	15.0	30.4	34.3	38.2	45.8	53.6	61.4
2.3	15.6	31.4	35.3	39.3	47.1	55.0	63.0
2.4	16.2	32.3	36.4	40.4	48.4	56.5	64.6
2.5	16.7	33.2	37.3	41.5	49.7	57.9	66.2
2.6	17.3	34.1	38.3	42.5	51.0	59.3	-----
2.7	17.8	35.0	39.2	43.5	52.2	60.7	-----
2.8	18.3	35.8	40.2	44.5	53.3	62.1	-----
2.9	18.8	36.6	41.0	45.5	54.4	63.3	-----
3.0	19.3	37.4	41.9	46.4	55.5	64.5	-----
3.1	19.8	38.2	42.8	47.4	56.6	65.7	-----
3.2	20.3	38.9	43.6	48.3	57.6	66.9	-----
3.3	20.7	39.7	44.4	49.2	58.7	-----	-----
3.4	21.2	40.4	45.2	50.0	59.6	----------	-----
3.5	21.6	41.1	46.0	50.9	60.6		-----
3.6	22.0	41.8	46.8	51.7	61.6	-----	-----
3.7	22.5	42.5	47.5	52.6	62.5	-----	-----
3.8	22.9	43.2	48.3	53.4	63.5	-----	-----
3.9	23.3	43.9	49.0	54.2	64.4	-----	-----
4.0	23.7	44.5	49.8	55.0	65.4	-----	-----