

Table I – DISCHARGE POINT INFORMATION & DISCHARGE QUANTITY

Discharge Point	Location	Latitude	Longitude	Class	C (weighted)	I (in/hr)	A (Acres)	Q (cfs)
1	Maunalua Bay	21°16'34"	157°45'16"	A	.65	3.15	.013	.03
2	Maunalua Bay	21°16'36"	157°45'08"	A	.79	3.15	.138	.34
3	Wailupe Stream	21°16'42"	157°45'03"	2	.84	3.15	.067	.18
4	Wailupe Stream	21°16'42"	157°45'03"	2	.59	3.15	.217	.40
5	Maunalua Bay	21°16'41"	157°44'49"	A	.84	3.15	.100	.26
6	Maunalua Bay	21°16'44"	157°44'39"	A	.95	3.15	.055	.16
7	Maunalua Bay	21°16'47"	157°44'34"	A	.95	3.15	.007	.02
8	NiuStream	21°16'50"	157°44'17"	2	.95	3.15	.069	.21
9	NiuStream	21°16'50"	157°44'17"	2	.95	3.15	.007	.02
10	NiuStream	21°16'53"	157°44'15"	2	.95	3.15	.041	.12
11	Maunalua Bay	21°16'52"	157°40'00"	A	.59	3.15	.200	.37
12	Kuliouou Stream	21°17'10"	157°43'18"	2	.95	3.15	.028	.08
13	Kuliouou Stream	21°17'10"	157°43'18"	2	.44	3.15	.131	.18
14	Kuapa Pond	21°17'07"	157°43'07"	A	.95	3.15	.034	.10
15	Kuapa Pond	21°17'06"	157°43'04"	A	.77	3.15	.076	.18
16	Kuapa Pond	21°17'09"	157°42'59"	A	.95	3.15	.014	.04
17	Kuapa Pond	21°16'54"	157°42'42"	A	.95	3.15	.062	.19
18	Maunalua Bay	21°16'56"	157°42'51"	A	.95	3.15	.007	.02
19	Maunalua Bay	21°16'56" to 21°16'52"	157°42'51" to 157°42'44"	A	.95	3.15	.011	.03
20	Kuapa Pond	21°16'53"	157°42'40"	A	.95	3.15	.078	.23
21	Kuapa Pond	21°16'41"	157°42'21"	A	.95	3.15	1.166	3.49
22	Maunalua Bay	21°16'38"	157°42'34"	A	.95	3.15	.011	.03
23	Niu Stream	21°16'52" to 21°16'52"	157°44'17" to 157°44'16"	2	.95	3.15	.017	.05
24	Kuliouou Stream	21°17'10" to 21°17'10"	157°43'18" to 157°43'18"	2	.95	3.15	.011	.03
25	Kuapa Pond	21°17'07" to 21°17'06"	157°43'07" to 157°43'06"	A	.95	3.15	.080	.24
26	Kuapa Pond	21°17'06" to 21°17'06"	157°43'07" to 157°43'06"	A	.95	3.15	.034	.10

RUNOFF CALCULATIONS

Given: Area Disturbed 1-1 = 0.007 Acre
 Area Disturbed 1-1A = 0.006 Acre
 TOTAL AREA: 0.013 Acre

Area Disturbed 2-1 = 0.007Acre
Area Disturbed 2-1A = 0.023 Acre
Area Disturbed 2-2 = 0.007 Acre
Area Disturbed 2-3 = 0.007 Acre
Area Disturbed 2-4 = 0.007 Acre
Area Disturbed 2-5 = 0.007 Acre
Area Disturbed 2-6 = 0.007 Acre
Area Disturbed 2-7 = 0.007 Acre
Area Disturbed 2-8 = 0.007 Acre
Area Disturbed 2-9 = 0.007 Acre
Area Disturbed 2-10 = 0.007 Acre
Area Disturbed 2-10A = 0.006 Acre
Area Disturbed 2-11 = 0.007 Acre
Area Disturbed 2-12 = 0.007 Acre
Area Disturbed 2-12A = 0.006 Acre
Area Disturbed 2-13 = 0.007 Acre
Area Disturbed 2-14 = 0.007 Acre
Area Disturbed 2-15 = 0.007 Acre
TOTAL AREA: 0.138 Acre

Area Disturbed 3-1 = 0.007 Acre
Area Disturbed 3-1A = 0.006 Acre
Area Disturbed 3-2 = 0.007 Acre
Area Disturbed 3-2A = 0.006 Acre
Area Disturbed 3-3 = 0.007 Acre
Area Disturbed 3-4 = 0.007 Acre
Area Disturbed 3-5 = 0.007 Acre
Area Disturbed 3-6 = 0.007 Acre
Area Disturbed 3-7 = 0.007 Acre
Area Disturbed 3-8 = 0.007 Acre
TOTAL AREA: 0.067 Acre

Area Disturbed 4-1 = 0.007 Acre
Area Disturbed 4-2 = 0.007 Acre
Area Disturbed 4-3 = 0.007 Acre
Area Disturbed 4-4 = 0.007 Acre
Area Disturbed 4-4A = 0.115 Acre
Area Disturbed 4-5 = 0.007 Acre
Area Disturbed 4-6 = 0.007 Acre
Area Disturbed 4-7 = 0.007 Acre
Area Disturbed 4-8 = 0.007 Acre
Area Disturbed 4-9 = 0.007 Acre
Area Disturbed 4-10 = 0.007 Acre
Area Disturbed 4-10A = 0.006 Acre
Area Disturbed 4-11 = 0.007 Acre
Area Disturbed 4-12 = 0.007 Acre
Area Disturbed 4-13 = 0.007 Acre
Area Disturbed 4-14 = 0.007 Acre
TOTAL AREA: 0.217 Acre

Area Disturbed 5-1 = 0.007 Acre
Area Disturbed 5-2 = 0.007 Acre
Area Disturbed 5-2A = 0.006 Acre
Area Disturbed 5-3 = 0.007 Acre
Area Disturbed 5-4 = 0.007 Acre
Area Disturbed 5-5 = 0.007 Acre
Area Disturbed 5-6 = 0.007 Acre
Area Disturbed 5-6A = 0.006 Acre
Area Disturbed 5-7 = 0.007 Acre
Area Disturbed 5-8 = 0.007 Acre
Area Disturbed 5-9 = 0.007 Acre
Area Disturbed 5-9A = 0.006 Acre
Area Disturbed 5-10 = 0.007 Acre
Area Disturbed 5-11 = 0.007 Acre
Area Disturbed 5-12 = 0.007 Acre
TOTAL AREA: 0.100 Acre

Area Disturbed 6-1 = 0.007 Acre
Area Disturbed 6-2 = 0.007 Acre
Area Disturbed 6-3 = 0.007 Acre
Area Disturbed 6-4 = 0.007 Acre
Area Disturbed 6-5 = 0.007 Acre
Area Disturbed 6-6 = 0.007 Acre
Area Disturbed 6-7 = 0.007 Acre
Area Disturbed 6-7 = 0.007 Acre
TOTAL AREA: 0.055 Acre

Area Disturbed 7-1 = 0.007 Acre
TOTAL AREA: 0.007 Acre

Area Disturbed 8-1 = 0.007 Acre
Area Disturbed 8-2 = 0.007 Acre
Area Disturbed 8-3 = 0.007 Acre
Area Disturbed 8-4 = 0.007 Acre
Area Disturbed 8-5 = 0.007 Acre
Area Disturbed 8-6 = 0.007 Acre
Area Disturbed 8-7 = 0.007 Acre
Area Disturbed 8-8 = 0.007 Acre
Area Disturbed 8-9 = 0.007 Acre
Area Disturbed 8-10 = 0.007 Acre
TOTAL AREA: 0.069 Acre

Area Disturbed 9-1 = 0.007 Acre
TOTAL AREA: 0.007 Acre

Area Disturbed 10-1 = 0.007 Acre
Area Disturbed 10-2 = 0.007 Acre
Area Disturbed 10-3 = 0.007 Acre
Area Disturbed 10-4 = 0.007 Acre
Area Disturbed 10-5 = 0.007 Acre
Area Disturbed 10-6 = 0.007 Acre
TOTAL AREA: 0.041 Acre

Area Disturbed 11-1 = 0.007 Acre
Area Disturbed 11-2 = 0.007 Acre
Area Disturbed 11-3 = 0.007 Acre
Area Disturbed 11-4 = 0.007 Acre
Area Disturbed 11-5 = 0.007 Acre
Area Disturbed 11-6 = 0.007 Acre
Area Disturbed 11-7 = 0.007 Acre
Area Disturbed 11-8 = 0.007 Acre
Area Disturbed 11-8A = 0.018 Acre
Area Disturbed 11-9 = 0.007 Acre
Area Disturbed 11-9A = 0.069 Acre
Area Disturbed 11-10 = 0.007 Acre
Area Disturbed 11-10A = 0.023 Acre
Area Disturbed 11-11 = 0.007 Acre
Area Disturbed 11-12 = 0.007 Acre
Area Disturbed 11-13 = 0.007 Acre
TOTAL AREA: 0.200 Acre

Area Disturbed 12-1 = 0.007 Acre
Area Disturbed 12-2 = 0.007 Acre
Area Disturbed 12-3 = 0.007 Acre
Area Disturbed 12-4 = 0.007 Acre
TOTAL AREA: 0.028 Acre

Area Disturbed 13-1 = 0.007 Acre
Area Disturbed 13-1A = 0.023 Acre
Area Disturbed 13-2 = 0.007 Acre
Area Disturbed 13-3 = 0.007 Acre
Area Disturbed 13-4 = 0.007 Acre
Area Disturbed 13-4A = 0.080 Acre
TOTAL AREA: 0.131 Acre

Area Disturbed 14-1 = 0.007 Acre
Area Disturbed 14-2 = 0.007 Acre
Area Disturbed 14-3 = 0.007 Acre
Area Disturbed 14-4 = 0.007 Acre
Area Disturbed 14-5 = 0.007 Acre
TOTAL AREA: 0.034 Acre

Area Disturbed 15-1 = 0.007 Acre
Area Disturbed 15-2 = 0.007 Acre
Area Disturbed 15-3 = 0.007 Acre
Area Disturbed 15-4 = 0.007 Acre
Area Disturbed 15-5 = 0.007 Acre
Area Disturbed 15-5A = 0.009 Acre
Area Disturbed 15-5B = 0.011 Acre
Area Disturbed 15-6 = 0.007 Acre
Area Disturbed 15-7 = 0.007 Acre
Area Disturbed 15-8 = 0.007 Acre
TOTAL AREA: 0.076 Acre

Area Disturbed 16-1 = 0.007 Acre
Area Disturbed 16-2 = 0.007 Acre
TOTAL AREA: 0.014 Acre

Area Disturbed 17-1 = 0.007 Acre
Area Disturbed 17-2 = 0.007 Acre
Area Disturbed 17-3 = 0.007 Acre
Area Disturbed 17-4 = 0.007 Acre
Area Disturbed 17-5 = 0.007 Acre
Area Disturbed 17-6 = 0.007 Acre
Area Disturbed 17-7 = 0.007 Acre
Area Disturbed 17-8 = 0.007 Acre
Area Disturbed 17-9 = 0.007 Acre
TOTAL AREA: 0.062 Acre

Area Disturbed 18-1 = 0.007 Acre
TOTAL AREA: 0.007 Acre

Area Disturbed 19-1 = 0.011 Acre
TOTAL AREA: 0.011 Acre

Area Disturbed 20-1 = 0.007 Acre
Area Disturbed 20-2 = 0.007 Acre
Area Disturbed 20-3 = 0.007 Acre
Area Disturbed 20-4 = 0.007 Acre
Area Disturbed 20-5 = 0.007 Acre
Area Disturbed 20-6 = 0.023 Acre
Area Disturbed 20-7 = 0.007 Acre
Area Disturbed 20-8 = 0.007 Acre
Area Disturbed 20-9 = 0.007 Acre
TOTAL AREA: 0.078 Acre

Area Disturbed 21-1 = 0.007 Acre
Area Disturbed 21-2 = 0.055 Acre
Area Disturbed 21-3 = 0.061 Acre
Area Disturbed 21-4 = 0.209 Acre
Area Disturbed 21-5 = 0.298 Acre
Area Disturbed 21-6 = 0.187 Acre
Area Disturbed 21-7 = 0.246 Acre
Area Disturbed 21-8 = 0.082 Acre
Area Disturbed 21-9 = 0.007 Acre
Area Disturbed 21-10 = 0.007 Acre
Area Disturbed 21-11 = 0.007 Acre
TOTAL AREA: 1.166 Acres

Area Disturbed 22-1 = 0.011 Acre
TOTAL AREA: 0.011 Acre

Area Disturbed 23-1 = 0.006 Acre
Area Disturbed 23-2 = 0.006 Acre
Area Disturbed 23-3 = 0.006 Acre
TOTAL AREA: 0.017 Acre

Area Disturbed 24-1 = 0.006 Acre
Area Disturbed 24-2 = 0.006 Acre
TOTAL AREA: 0.011 Acre

Area Disturbed 25-1 = 0.006 Acre
Area Disturbed 25-2 = 0.006 Acre
Area Disturbed 25-3 = 0.006 Acre
Area Disturbed 25-4 = 0.006 Acre
Area Disturbed 25-5 = 0.006 Acre
Area Disturbed 25-6 = 0.006 Acre
Area Disturbed 25-7 = 0.006 Acre
Area Disturbed 25-8 = 0.006 Acre
Area Disturbed 25-9 = 0.006 Acre
Area Disturbed 25-10 = 0.006 Acre
Area Disturbed 25-11 = 0.006 Acre
Area Disturbed 25-12 = 0.006 Acre
Area Disturbed 25-13 = 0.006 Acre
Area Disturbed 25-14 = 0.006 Acre
TOTAL AREA: 0.080 Acre

Area Disturbed 26-1 = 0.006 Acre
Area Disturbed 26-2 = 0.006 Acre
Area Disturbed 26-3 = 0.006 Acre
Area Disturbed 26-4 = 0.006 Acre
Area Disturbed 26-5 = 0.006 Acre
Area Disturbed 26-6 = 0.006 Acre
TOTAL AREA: 0.034 Acre

RATIONAL METHOD:

C = 0.95 (AC Pavement/Concrete Sidewalk/Concrete Driveways)
C = 0.30 (Unpaved Median)

i = (2-yr, 1-hr event) = 1.40 in./hr.

tc(All Areas) = 10 min. (minimum)

Cf(All Areas) = 2.25

I = i X Cf

I = 1.40 in/hour x 2.25 = 3.15 in/hour

Since project area is less than 100 acres, the Rational Formula will be used to calculate potential runoff.

Find: Runoff for a 2-yr 1-hr rainfall event (Q).

Solution: $Q = C \times I \times A$

Q1-1 = (0.95) x (3.15 in/hr) x (0.007 Acs)

Q1-1 = 0.02 cfs

Q1-1A = (0.30) x (3.15 in/hr) x (0.006 Acs)

Q1-1A = 0.01 cfs

Q2-1 = (0.95) x (3.15 in/hr) x (0.007 Acs)

Q2-1 = 0.02 cfs

$$Q2-1A = (0.30) \times (3.15 \text{ in/hr}) \times (0.023 \text{ Acs})$$

Q2-1A = 0.02 cfs

$$Q2-2 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

Q2-2 = 0.02 cfs

$$Q2-3 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

Q2-3 = 0.02 cfs

$$Q2-4 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

Q2-4 = 0.02 cfs

$$Q2-5 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

Q2-5 = 0.02 cfs

$$Q2-6 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

Q2-6 = 0.02 cfs

$$Q2-7 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

Q2-7 = 0.02 cfs

$$Q2-8 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

Q2-8 = 0.02 cfs

$$Q2-9 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

Q2-9 = 0.02 cfs

$$Q2-10 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

Q2-10 = 0.02 cfs

$$Q2-10A = (0.30) \times (3.15 \text{ in/hr}) \times (0.006 \text{ Acs})$$

Q2-10A = 0.01 cfs

$$Q2-11 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

Q2-11 = 0.02 cfs

$$Q2-12 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

Q2-12 = 0.02 cfs

$$Q2-12A = (0.30) \times (3.15 \text{ in/hr}) \times (0.006 \text{ Acs})$$

Q2-12A = 0.01 cfs

$$Q2-13 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

Q2-13 = 0.02 cfs

$$Q2-14 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

Q2-14 = 0.02 cfs

$$Q2-15 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

Q2-15 = 0.02 cfs

$$Q3-1 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

Q3-1 = 0.02 cfs

$$Q3-1A = (0.30) \times (3.15 \text{ in/hr}) \times (0.006 \text{ Acs})$$

$$\underline{\underline{Q3-1A = 0.01 \text{ cfs}}}$$

$$Q3-2 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q3-2 = 0.02 \text{ cfs}}}$$

$$Q3-2A = (0.30) \times (3.15 \text{ in/hr}) \times (0.006 \text{ Acs})$$

$$\underline{\underline{Q3-2A = 0.01 \text{ cfs}}}$$

$$Q3-3 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q3-3 = 0.02 \text{ cfs}}}$$

$$Q3-4 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q3-4 = 0.02 \text{ cfs}}}$$

$$Q3-5 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q3-5 = 0.02 \text{ cfs}}}$$

$$Q3-6 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q3-6 = 0.02 \text{ cfs}}}$$

$$Q3-7 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q3-7 = 0.02 \text{ cfs}}}$$

$$Q3-8 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q3-8 = 0.02 \text{ cfs}}}$$

$$Q4-1 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q4-1 = 0.02 \text{ cfs}}}$$

$$Q4-2 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q4-2 = 0.02 \text{ cfs}}}$$

$$Q4-3 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q4-3 = 0.02 \text{ cfs}}}$$

$$Q4-4 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q4-4 = 0.02 \text{ cfs}}}$$

$$Q4-4A = (0.30) \times (3.15 \text{ in/hr}) \times (0.115 \text{ Acs})$$

$$\underline{\underline{Q4-4A = 0.110 \text{ cfs}}}$$

$$Q4-5 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q4-5 = 0.02 \text{ cfs}}}$$

$$Q4-6 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q4-6 = 0.02 \text{ cfs}}}$$

$$Q4-7 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q4-7 = 0.02 \text{ cfs}}}$$

$$Q4-8 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q4-8 = 0.02 \text{ cfs}}}$$

$$Q4-9 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q4-9 = 0.02 \text{ cfs}}}$$

$$Q4-10 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q4-10 = 0.02 \text{ cfs}}}$$

$$Q4-10A = (0.30) \times (3.15 \text{ in/hr}) \times (0.006 \text{ Acs})$$

$$\underline{\underline{Q4-10A = 0.01 \text{ cfs}}}$$

$$Q4-11 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q4-11 = 0.02 \text{ cfs}}}$$

$$Q4-12 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q4-12 = 0.02 \text{ cfs}}}$$

$$Q4-13 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q4-13 = 0.02 \text{ cfs}}}$$

$$Q4-14 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q4-14 = 0.02 \text{ cfs}}}$$

$$Q5-1 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q5-1 = 0.02 \text{ cfs}}}$$

$$Q5-2 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q5-2 = 0.02 \text{ cfs}}}$$

$$Q5-2A = (0.30) \times (3.15 \text{ in/hr}) \times (0.006 \text{ Acs})$$

$$\underline{\underline{Q5-2A = 0.01 \text{ cfs}}}$$

$$Q5-3 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q5-3 = 0.02 \text{ cfs}}}$$

$$Q5-4 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q5-4 = 0.02 \text{ cfs}}}$$

$$Q5-5 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q5-5 = 0.02 \text{ cfs}}}$$

$$Q5-6 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q5-6 = 0.02 \text{ cfs}}}$$

$$Q5-6A = (0.30) \times (3.15 \text{ in/hr}) \times (0.006 \text{ Acs})$$

$$\underline{\underline{Q5-6A = 0.01 \text{ cfs}}}$$

$$Q5-7 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q5-7 = 0.02 \text{ cfs}}}$$

$$Q5-8 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q5-8 = 0.02 \text{ cfs}}}$$

$$Q5-9 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q5-9 = 0.02 \text{ cfs}}}$$

$$Q5-9A = (0.30) \times (3.15 \text{ in/hr}) \times (0.006 \text{ Acs})$$

$$\underline{\underline{Q5-9A = 0.01 \text{ cfs}}}$$

$$Q5-10 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q5-10 = 0.02 \text{ cfs}}}$$

$$Q5-11 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q5-11 = 0.02 \text{ cfs}}}$$

$$Q5-12 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q5-12 = 0.02 \text{ cfs}}}$$

$$Q6-1 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q6-1 = 0.02 \text{ cfs}}}$$

$$Q6-2 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q6-2 = 0.02 \text{ cfs}}}$$

$$Q6-3 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q6-3 = 0.02 \text{ cfs}}}$$

$$Q6-4 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q6-4 = 0.02 \text{ cfs}}}$$

$$Q6-5 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q6-5 = 0.02 \text{ cfs}}}$$

$$Q6-6 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q6-6 = 0.02 \text{ cfs}}}$$

$$Q6-7 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q6-7 = 0.02 \text{ cfs}}}$$

$$Q6-8 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q6-8 = 0.02 \text{ cfs}}}$$

$$Q7-1 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q7-1 = 0.02 \text{ cfs}}}$$

$$Q8-1 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q8-1 = 0.02 \text{ cfs}}}$$

$$Q8-2 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q8-2 = 0.02 \text{ cfs}}}$$

$$Q8-3 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q8-3 = 0.02 \text{ cfs}}}$$

$$Q8-4 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q8-4 = 0.02 \text{ cfs}}}$$

$$Q8-5 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q8-5 = 0.02 \text{ cfs}}}$$

$$Q8-6 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q8-6 = 0.02 \text{ cfs}}}$$

$$Q8-7 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{Q8-7 = 0.02 \text{ cfs}}$$

$$Q8-8 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{Q8-8 = 0.02 \text{ cfs}}$$

$$Q8-9 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{Q8-9 = 0.02 \text{ cfs}}$$

$$Q8-10 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{Q8-10 = 0.02 \text{ cfs}}$$

$$Q9-1 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{Q9-1 = 0.02 \text{ cfs}}$$

$$Q10-1 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{Q10-1 = 0.02 \text{ cfs}}$$

$$Q10-2 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{Q10-2 = 0.02 \text{ cfs}}$$

$$Q10-3 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{Q10-3 = 0.02 \text{ cfs}}$$

$$Q10-4 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{Q10-4 = 0.02 \text{ cfs}}$$

$$Q10-5 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{Q10-5 = 0.02 \text{ cfs}}$$

$$Q10-6 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{Q10-6 = 0.02 \text{ cfs}}$$

$$Q11-1 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{Q11-1 = 0.02 \text{ cfs}}$$

$$Q11-2 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{Q11-2 = 0.02 \text{ cfs}}$$

$$Q11-3 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{Q11-3 = 0.02 \text{ cfs}}$$

$$Q11-4 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{Q11-4 = 0.02 \text{ cfs}}$$

$$Q11-5 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{Q11-5 = 0.02 \text{ cfs}}$$

$$Q11-6 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{Q11-6 = 0.02 \text{ cfs}}$$

$$Q11-7 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{Q11-7 = 0.02 \text{ cfs}}$$

$$Q11-8 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{Q11-8 = 0.02 \text{ cfs}}$$

$$Q11-8A = (0.30) \times (3.15 \text{ in/hr}) \times (0.018 \text{ Acs})$$

$$\underline{\underline{Q11-8A = 0.02 \text{ cfs}}}$$

$$Q11-9 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q11-9 = 0.02 \text{ cfs}}}$$

$$Q11-9A = (0.30) \times (3.15 \text{ in/hr}) \times (0.069 \text{ Acs})$$

$$\underline{\underline{Q11-9A = 0.07 \text{ cfs}}}$$

$$Q11-10 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q11-10 = 0.02 \text{ cfs}}}$$

$$Q11-10A = (0.30) \times (3.15 \text{ in/hr}) \times (0.023 \text{ Acs})$$

$$\underline{\underline{Q11-10A = 0.02 \text{ cfs}}}$$

$$Q11-11 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q11-11 = 0.02 \text{ cfs}}}$$

$$Q11-12 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q11-12 = 0.02 \text{ cfs}}}$$

$$Q11-13 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q11-13 = 0.02 \text{ cfs}}}$$

$$Q12-1 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q12-1 = 0.02 \text{ cfs}}}$$

$$Q12-2 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q12-2 = 0.02 \text{ cfs}}}$$

$$Q12-3 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q12-3 = 0.02 \text{ cfs}}}$$

$$Q12-4 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q12-4 = 0.02 \text{ cfs}}}$$

$$Q13-1 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q13-1 = 0.02 \text{ cfs}}}$$

$$Q13-1A = (0.30) \times (3.15 \text{ in/hr}) \times (0.023 \text{ Acs})$$

$$\underline{\underline{Q13-1A = 0.02 \text{ cfs}}}$$

$$Q13-2 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q13-2 = 0.02 \text{ cfs}}}$$

$$Q13-3 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q13-3 = 0.02 \text{ cfs}}}$$

$$Q13-4 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q13-4 = 0.02 \text{ cfs}}}$$

$$Q13-4A = (0.30) \times (3.15 \text{ in/hr}) \times (0.080 \text{ Acs})$$

$$\underline{\underline{Q13-4A = 0.08 \text{ cfs}}}$$

$$Q14-1 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q14-1 = 0.02 \text{ cfs}}}$$

$$Q14-2 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q14-2 = 0.02 \text{ cfs}}}$$

$$Q14-3 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q14-3 = 0.02 \text{ cfs}}}$$

$$Q14-4 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q14-4 = 0.02 \text{ cfs}}}$$

$$Q14-5 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q14-5 = 0.02 \text{ cfs}}}$$

$$Q15-1 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q15-1 = 0.02 \text{ cfs}}}$$

$$Q15-2 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q15-2 = 0.02 \text{ cfs}}}$$

$$Q15-3 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q15-3 = 0.02 \text{ cfs}}}$$

$$Q15-4 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q15-4 = 0.02 \text{ cfs}}}$$

$$Q15-5 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q15-5 = 0.02 \text{ cfs}}}$$

$$Q15-5A = (0.30) \times (3.15 \text{ in/hr}) \times (0.009 \text{ Acs})$$

$$\underline{\underline{Q15-5A = 0.01 \text{ cfs}}}$$

$$Q15-5B = (0.30) \times (3.15 \text{ in/hr}) \times (0.011 \text{ Acs})$$

$$\underline{\underline{Q15-5B = 0.01 \text{ cfs}}}$$

$$Q15-6 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q15-6 = 0.02 \text{ cfs}}}$$

$$Q15-7 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q15-7 = 0.02 \text{ cfs}}}$$

$$Q15-8 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q15-8 = 0.02 \text{ cfs}}}$$

$$Q16-1 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q16-1 = 0.02 \text{ cfs}}}$$

$$Q16-2 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q16-2 = 0.02 \text{ cfs}}}$$

$$Q17-1 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q17-1 = 0.02 \text{ cfs}}}$$

$$Q17-2 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q17-2 = 0.02 \text{ cfs}}}$$

$$Q17-3 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

Q17-3 = 0.02 cfs

$$Q17-4 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

Q17-4 = 0.02 cfs

$$Q17-5 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

Q17-5 = 0.02 cfs

$$Q17-6 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

Q17-6 = 0.02 cfs

$$Q17-7 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

Q17-7 = 0.02 cfs

$$Q17-8 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

Q17-8 = 0.02 cfs

$$Q17-9 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

Q17-9 = 0.02 cfs

$$Q18-1 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

Q18-1 = 0.02 cfs

$$Q19-1 = (0.95) \times (3.15 \text{ in/hr}) \times (0.011 \text{ Acs})$$

Q19-1 = 0.03 cfs

$$Q20-1 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

Q20-1 = 0.02 cfs

$$Q20-2 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

Q20-2 = 0.02 cfs

$$Q20-3 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

Q20-3 = 0.02 cfs

$$Q20-4 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

Q20-4 = 0.02 cfs

$$Q20-5 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

Q20-5 = 0.02 cfs

$$Q20-6 = (0.95) \times (3.15 \text{ in/hr}) \times (0.023 \text{ Acs})$$

Q20-6 = 0.07 cfs

$$Q20-7 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

Q20-7 = 0.02 cfs

$$Q20-8 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

Q20-8 = 0.02 cfs

$$Q20-9 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

Q20-9 = 0.02 cfs

$$Q21-1 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q21-1 = 0.02 \text{ cfs}}}$$

$$Q21-2 = (0.95) \times (3.15 \text{ in/hr}) \times (0.055 \text{ Acs})$$

$$\underline{\underline{Q21-2 = 0.16 \text{ cfs}}}$$

$$Q21-3 = (0.95) \times (3.15 \text{ in/hr}) \times (0.061 \text{ Acs})$$

$$\underline{\underline{Q21-3 = 0.18 \text{ cfs}}}$$

$$Q21-4 = (0.95) \times (3.15 \text{ in/hr}) \times (0.209 \text{ Acs})$$

$$\underline{\underline{Q21-4 = 0.63 \text{ cfs}}}$$

$$Q21-5 = (0.95) \times (3.15 \text{ in/hr}) \times (0.298 \text{ Acs})$$

$$\underline{\underline{Q21-5 = 0.89 \text{ cfs}}}$$

$$Q21-6 = (0.95) \times (3.15 \text{ in/hr}) \times (0.187 \text{ Acs})$$

$$\underline{\underline{Q21-6 = 0.56 \text{ cfs}}}$$

$$Q21-7 = (0.95) \times (3.15 \text{ in/hr}) \times (0.246 \text{ Acs})$$

$$\underline{\underline{Q21-7 = 0.74 \text{ cfs}}}$$

$$Q21-8 = (0.95) \times (3.15 \text{ in/hr}) \times (0.082 \text{ Acs})$$

$$\underline{\underline{Q21-8 = 0.24 \text{ cfs}}}$$

$$Q21-9 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q21-9 = 0.02 \text{ cfs}}}$$

$$Q21-10 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q21-10 = 0.02 \text{ cfs}}}$$

$$Q21-11 = (0.95) \times (3.15 \text{ in/hr}) \times (0.007 \text{ Acs})$$

$$\underline{\underline{Q21-11 = 0.02 \text{ cfs}}}$$

$$Q22-1 = (0.95) \times (3.15 \text{ in/hr}) \times (0.011 \text{ Acs})$$

$$\underline{\underline{Q22-1 = 0.03 \text{ cfs}}}$$

$$Q23-1 = (0.95) \times (3.15 \text{ in/hr}) \times (0.006 \text{ Acs})$$

$$\underline{\underline{Q23-1 = 0.02 \text{ cfs}}}$$

$$Q23-2 = (0.95) \times (3.15 \text{ in/hr}) \times (0.006 \text{ Acs})$$

$$\underline{\underline{Q23-2 = 0.02 \text{ cfs}}}$$

$$Q23-3 = (0.95) \times (3.15 \text{ in/hr}) \times (0.006 \text{ Acs})$$

$$\underline{\underline{Q23-3 = 0.02 \text{ cfs}}}$$

$$Q24-1 = (0.95) \times (3.15 \text{ in/hr}) \times (0.006 \text{ Acs})$$

$$\underline{\underline{Q24-1 = 0.02 \text{ cfs}}}$$

$$Q24-2 = (0.95) \times (3.15 \text{ in/hr}) \times (0.006 \text{ Acs})$$

$$\underline{\underline{Q24-2 = 0.02 \text{ cfs}}}$$

$$Q25-1 = (0.95) \times (3.15 \text{ in/hr}) \times (0.006 \text{ Acs})$$

$$\underline{\underline{Q25-1 = 0.02 \text{ cfs}}}$$

$$Q25-2 = (0.95) \times (3.15 \text{ in/hr}) \times (0.006 \text{ Acs})$$

$$\underline{Q25-2 = 0.02 \text{ cfs}}$$

$$Q25-3 = (0.95) \times (3.15 \text{ in/hr}) \times (0.006 \text{ Acs})$$

$$\underline{Q25-3 = 0.02 \text{ cfs}}$$

$$Q25-4 = (0.95) \times (3.15 \text{ in/hr}) \times (0.006 \text{ Acs})$$

$$\underline{Q25-4 = 0.02 \text{ cfs}}$$

$$Q25-5 = (0.95) \times (3.15 \text{ in/hr}) \times (0.006 \text{ Acs})$$

$$\underline{Q25-5 = 0.02 \text{ cfs}}$$

$$Q25-6 = (0.95) \times (3.15 \text{ in/hr}) \times (0.006 \text{ Acs})$$

$$\underline{Q25-6 = 0.02 \text{ cfs}}$$

$$Q25-7 = (0.95) \times (3.15 \text{ in/hr}) \times (0.006 \text{ Acs})$$

$$\underline{Q25-7 = 0.02 \text{ cfs}}$$

$$Q25-8 = (0.95) \times (3.15 \text{ in/hr}) \times (0.006 \text{ Acs})$$

$$\underline{Q25-8 = 0.02 \text{ cfs}}$$

$$Q25-9 = (0.95) \times (3.15 \text{ in/hr}) \times (0.006 \text{ Acs})$$

$$\underline{Q25-9 = 0.02 \text{ cfs}}$$

$$Q25-10 = (0.95) \times (3.15 \text{ in/hr}) \times (0.006 \text{ Acs})$$

$$\underline{Q25-10 = 0.02 \text{ cfs}}$$

$$Q25-11 = (0.95) \times (3.15 \text{ in/hr}) \times (0.006 \text{ Acs})$$

$$\underline{Q25-11 = 0.02 \text{ cfs}}$$

$$Q25-12 = (0.95) \times (3.15 \text{ in/hr}) \times (0.006 \text{ Acs})$$

$$\underline{Q25-12 = 0.02 \text{ cfs}}$$

$$Q25-13 = (0.95) \times (3.15 \text{ in/hr}) \times (0.006 \text{ Acs})$$

$$\underline{Q25-13 = 0.02 \text{ cfs}}$$

$$Q25-14 = (0.95) \times (3.15 \text{ in/hr}) \times (0.006 \text{ Acs})$$

$$\underline{Q25-14 = 0.02 \text{ cfs}}$$

$$Q26-1 = (0.95) \times (3.15 \text{ in/hr}) \times (0.006 \text{ Acs})$$

$$\underline{Q26-1 = 0.02 \text{ cfs}}$$

$$Q26-2 = (0.95) \times (3.15 \text{ in/hr}) \times (0.006 \text{ Acs})$$

$$\underline{Q26-2 = 0.02 \text{ cfs}}$$

$$Q26-3 = (0.95) \times (3.15 \text{ in/hr}) \times (0.006 \text{ Acs})$$

$$\underline{Q26-3 = 0.02 \text{ cfs}}$$

$$Q26-4 = (0.95) \times (3.15 \text{ in/hr}) \times (0.006 \text{ Acs})$$

$$\underline{Q26-4 = 0.02 \text{ cfs}}$$

$$Q26-5 = (0.95) \times (3.15 \text{ in/hr}) \times (0.006 \text{ Acs})$$

$$\underline{Q26-5 = 0.02 \text{ cfs}}$$

$$Q26-6 = (0.95) \times (3.15 \text{ in/hr}) \times (0.006 \text{ Acs})$$

$$\underline{Q26-6 = 0.02 \text{ cfs}}$$

Table II - MS4 DISCHARGE POINT COORDINATES

INLET	LAT	LONG
1-1	21° 16' 39"	157° 45' 18"
2-1	21° 16' 41"	157° 45' 17"
2-2	21° 16' 41"	157° 45' 16"
2-3	21° 16' 41"	157° 45' 15"
2-4	21° 16' 41"	157° 45' 14"
2-5	21° 16' 41"	157° 45' 13"
2-6	21° 16' 41"	157° 45' 12"
2-7	21° 16' 41"	157° 45' 11"
2-8	21° 16' 40"	157° 45' 15"
2-9	21° 16' 40"	157° 45' 14"
2-10	21° 16' 41"	157° 45' 11"
2-11	21° 16' 41"	157° 45' 11"
2-12	21° 16' 41"	157° 45' 10"
2-13	21° 16' 41"	157° 45' 08"
2-14	21° 16' 41"	157° 45' 07"
2-15	21° 16' 41"	157° 45' 06"
3-1	21° 16' 42"	157° 45' 08"
3-2	21° 16' 42"	157° 45' 06"
3-3	21° 16' 42"	157° 45' 06"
3-4	21° 16' 42"	157° 45' 05"
3-5	21° 16' 42"	157° 45' 05"
3-6	21° 16' 41"	157° 45' 04"
3-7	21° 16' 41"	157° 45' 03"
3-8	21° 16' 41"	157° 45' 02"
4-1	21° 16' 41"	157° 45' 02"
4-2	21° 16' 41"	157° 45' 01"
4-3	21° 16' 42"	157° 45' 00"
4-4	21° 16' 43"	157° 45' 00"
4-5	21° 16' 43"	157° 44' 59"
4-6	21° 16' 44"	157° 44' 58"
4-7	21° 16' 44"	157° 44' 57"
4-8	21° 16' 44"	157° 44' 56"
4-9	21° 16' 42"	157° 44' 59"
4-10	21° 16' 43"	157° 44' 57"
4-11	21° 16' 44"	157° 44' 54"
4-12	21° 16' 45"	157° 44' 54"
4-13	21° 16' 45"	157° 44' 53"
4-14	21° 16' 45"	157° 44' 52"
5-1	21° 16' 45"	157° 44' 51"
5-2	21° 16' 46"	157° 44' 50"
5-3	21° 16' 46"	157° 44' 49"
5-4	21° 16' 46"	157° 44' 48"
5-5	21° 16' 46"	157° 44' 47"
5-6	21° 16' 47"	157° 44' 45"

INLET	LAT	LONG
5-7	21° 16' 45"	157° 44' 50"
5-8	21° 16' 45"	157° 44' 47"
5-9	21° 16' 45"	157° 44' 46"
5-10	21° 16' 46"	157° 44' 43"
5-11	21° 16' 47"	157° 44' 43"
5-12	21° 16' 48"	157° 44' 41"
6-1	21° 16' 48"	157° 44' 40"
6-2	21° 16' 48"	157° 44' 39"
6-3	21° 16' 46"	157° 44' 39"
6-4	21° 16' 48"	157° 44' 36"
6-5	21° 16' 49"	157° 44' 35"
6-6	21° 16' 49"	157° 44' 34"
6-7	21° 16' 50"	157° 44' 34"
6-8	21° 16' 50"	157° 44' 35"
7-1	21° 16' 49"	157° 44' 34"
8-1	21° 16' 49"	157° 44' 32"
8-2	21° 16' 50"	157° 44' 30"
8-3	21° 16' 50"	157° 44' 28"
8-4	21° 16' 51"	157° 44' 26"
8-5	21° 16' 51"	157° 44' 24"
8-6	21° 16' 51"	157° 44' 20"
8-7	21° 16' 50"	157° 44' 29"
8-8	21° 16' 50"	157° 44' 26"
8-9	21° 16' 50"	157° 44' 24"
8-10	21° 16' 51"	157° 44' 20"
9-1	21° 16' 51"	157° 44' 17"
10-1	21° 16' 52"	157° 44' 14"
10-2	21° 16' 53"	157° 44' 13"
10-3	21° 16' 53"	157° 44' 11"
10-4	21° 16' 54"	157° 44' 09"
10-5	21° 16' 52"	157° 44' 11"
10-6	21° 16' 53"	157° 44' 09"
11-1	21° 16' 54"	157° 44' 05"
11-2	21° 16' 56"	157° 44' 05"
11-3	21° 16' 56"	157° 44' 04"
11-4	21° 16' 55"	157° 44' 03"
11-5	21° 16' 55"	157° 44' 02"
11-6	21° 16' 56"	157° 44' 00"
11-7	21° 16' 56"	157° 43' 59"
11-8	21° 16' 54"	157° 44' 03"
11-9	21° 16' 55"	157° 44' 00"
11-10	21° 16' 55"	157° 43' 58"

INLET	LAT	LONG
11-11	21° 16' 57"	157° 43' 57"
11-12	21° 16' 57"	157° 43' 56"
11-13	21° 16' 56"	157° 43' 56"
12-1	21° 17' 10"	157° 43' 21"
12-2	21° 17' 10"	157° 43' 19"
12-3	21° 17' 09"	157° 43' 22"
12-4	21° 17' 09"	157° 43' 20"
13-1	21° 17' 10"	157° 43' 17"
13-2	21° 17' 10"	157° 43' 16"
13-3	21° 17' 10"	157° 43' 15"
13-4	21° 17' 10"	157° 43' 15"
14-1	21° 17' 10"	157° 43' 13"
14-2	21° 17' 10"	157° 43' 12"
14-3	21° 17' 09"	157° 43' 11"
14-4	21° 17' 08"	157° 43' 10"
14-5	21° 17' 08"	157° 43' 09"
15-1	21° 17' 05"	157° 43' 05"
15-2	21° 17' 05"	157° 43' 05"
15-3	21° 17' 04"	157° 43' 04"
15-4	21° 17' 03"	157° 43' 02"
15-5	21° 17' 02"	157° 43' 01"
15-6	21° 17' 01"	157° 42' 59"
15-7	21° 17' 00"	157° 42' 58"
15-8	21° 17' 03"	157° 43' 00"
16-1	21° 17' 05"	157° 43' 03"
16-1	21° 17' 04"	157° 43' 02"
17-1	21° 17' 00"	157° 42' 57"
17-2	21° 17' 00"	157° 42' 56"
17-3	21° 16' 59"	157° 42' 55"
17-4	21° 16' 59"	157° 42' 54"
17-5	21° 16' 58"	157° 42' 52"
17-6	21° 16' 58"	157° 42' 53"
17-7	21° 16' 57"	157° 42' 49"
17-8	21° 16' 56"	157° 42' 48"
17-9	21° 16' 56"	157° 42' 47"
18-1 (Curb & Gutter)	21° 16' 58" to 21° 16' 57"	157° 42' 53" to 157° 42' 51"
19-1 (Sheetflow)	21° 16' 57" to 21° 16' 54"	157° 42' 51" to 157° 42' 43"

INLET	LAT	LONG
20-1	21° 16' 50"	157° 42' 37"
20-2	21° 16' 47"	157° 42' 33"
20-3	21° 16' 46"	157° 42' 31"
20-4	21° 16' 44"	157° 42' 30"
20-5	21° 16' 44"	157° 42' 29"
20-6	21° 16' 43"	157° 42' 29"
20-7	21° 16' 41"	157° 42' 26"
20-8	21° 16' 41"	157° 42' 25"
20-9 (Swale)	21° 16' 52" to 21° 16' 51"	157° 42' 39" to 157° 42' 38"
21-1	21° 16' 39"	157° 42' 23"
21-2	21° 16' 34"	157° 42' 17"
21-3	21° 16' 34"	157° 42' 16"
21-4	21° 16' 33"	157° 42' 15"
21-5	21° 16' 32"	157° 42' 13"
21-6	21° 16' 30"	157° 42' 08"
21-7	21° 16' 30"	157° 42' 05"
21-8	21° 16' 29"	157° 42' 01"
21-9	21° 16' 29"	157° 41' 56"
21-10 (Ditch)	21° 16' 37" to 21° 16' 34"	157° 42' 20" to 157° 42' 18"
21-11 (Ditch)	21° 16' 29" to 21° 16' 31"	157° 41' 54" to 157° 41' 43"
22-1 (Swale)	21° 16' 40" to 21° 16' 34"	157° 42' 25" to 157° 42' 18"
23-1	21° 16' 52"	157° 44' 17"
23-2	21° 16' 52"	157° 44' 17"
23-3	21° 16' 52"	157° 44' 16"
24-1	21° 17' 10"	157° 43' 18"
24-2	21° 17' 10"	157° 43' 18"
25-1	21° 17' 07"	157° 43' 07"
25-2	21° 17' 07"	157° 43' 07"
25-3	21° 17' 07"	157° 43' 07"
25-4	21° 17' 07"	157° 43' 07"
25-5	21° 17' 07"	157° 43' 07"
25-6	21° 17' 07"	157° 43' 07"
25-7	21° 17' 07"	157° 43' 07"
25-8	21° 17' 06"	157° 43' 06"
25-9	21° 17' 06"	157° 43' 06"
25-10	21° 17' 06"	157° 43' 06"
25-11	21° 17' 06"	157° 43' 06"
25-12	21° 17' 06"	157° 43' 06"

INLET	LAT	LONG
25-13	21° 17' 06"	157° 43' 06"
25-14	21° 17' 06"	157° 43' 06"
26-1	21° 17' 06"	157° 43' 07"
26-2	21° 17' 06"	157° 43' 07"
26-3	21° 17' 06"	157° 43' 07"
26-4	21° 17' 06"	157° 43' 06"
26-5	21° 17' 06"	157° 43' 06"
26-6	21° 17' 06"	157° 43' 06"