Appendix H
Combined Sewer Overflow Discharge Loading Calculations
(Simulations 1 - 4)

LACASTER SEWER SYSTEM
SWMM COMPUTER MODEL

STORM SIMULATION 1

Conduit CSO 1005

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.35E+03	3.85	4.98	21.87	1.12	0.00	0.01	0.01	0.04

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
18.34972	0	0.0004			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
18.39972	3	0.0025	1.44E-03	2.60E-01		80	0.0012917		761.5	0.012296		36.5	0.000589		7.5	1.21101E-07		172.5	2.78533E-06		283.5	4.57764E-06		639	1.03178E-05
18.44972	6	0.0063	4.40E-03	7.92E-01		80	0.003943		761.5	0.037532		36.5	0.001799		7.5	3.69656E-07		172.5	8.50209E-06		283.5	1.3973E-05		639	3.14947E-05
18.49972	9	0.0120	9.13E-03	1.64E+00		80	0.0081767		761.5	0.077832		36.5	0.003731		7.5	7.66567E-07		172.5	1.7631E-05		283.5	2.89762E-05		639	6.53115E-05
18.54972	12	0.0227	1.45E-02	2.61E+00		80	0.0130038		761.5	0.123779		36.5	0.005933		7.5	1.2191E-06		172.5	2.80393E-05		283.5	4.60821E-05		639	0.000103867
18.59972	15	0.0337	2.82E-02	5.08E+00	69	58	0.0252957	451	358.5	0.240783	24	17.5	0.011541	4	5.5	2.37147E-06	130	107	5.45437E-05	198	147.5	8.96415E-05	446	410.5	0.000202049
18.64972	18	0.0448	3.93E-02	7.07E+00		58	0.0255078		358.5	0.157664		17.5	0.007696		5.5	2.41884E-06		107	4.70575E-05		147.5	6.48689E-05		410.5	0.000180533
18.69972	21	0.0570	5.09E-02	9.17E+00		58	0.0330696		358.5	0.204405		17.5	0.009978		5.5	3.13591E-06		107	6.10078E-05		147.5	8.40995E-05		410.5	0.000234053
18.74972	24	0.0711	6.41E-02	1.15E+01		58	0.0416077		358.5	0.257179		17.5	0.012554		5.5	3.94556E-06		107	7.67591E-05		147.5	0.000105813		410.5	0.000294482
18.79972	27	0.0870	7.91E-02	1.42E+01		58	0.0513492		358.5	0.317391		17.5	0.015493		5.5	4.86932E-06		107	9.47304E-05		147.5	0.000130586		410.5	0.000363428
18.84972	30	0.1048	9.59E-02	1.73E+01	47	42	0.0622871	266	238.5	0.384999	11	9.5	0.018794	7	5.5	5.90654E-06	84	69.5	0.000114909	97	90.5	0.000158403	375	307	0.000440842
18.89972	33	0.1225	1.14E-01	2.05E+01		42	0.053432		238.5	0.303418		9.5	0.012086		5.5	6.99705E-06		69.5	8.84173E-05		90.5	0.000115133		307	0.000390563
18.94972	36	0.1407	1.32E-01	2.37E+01		42	0.0618782		238.5	0.35138		9.5	0.013996		5.5	8.1031E-06		69.5	0.000102394		90.5	0.000133333		307	0.0004523
18.99972	39	0.1589	1.50E-01	2.70E+01		42	0.0704587		238.5	0.400105		9.5	0.015937		5.5	9.22674E-06		69.5	0.000116592		90.5	0.000151822		307	0.00051502
19.04972	42	0.1779	1.68E-01	3.03E+01		42	0.0791975		238.5	0.449729		9.5	0.017914		5.5	1.03711E-05		69.5	0.000131053		90.5	0.000170652		307	0.000578896
19.09972	45	0.1968	1.87E-01	3.37E+01	37	32	0.0880933	211	192.5	0.500244	8	7	0.019926	4	3.5	1.1536E-05	55	57	0.000145773	84	101.5	0.00018982	239	258.5	0.00064392
19.14972	48	0.2149	2.06E-01	3.71E+01		32	0.0737581		192.5	0.443701		7	0.016135		3.5	8.06729E-06		57	0.000131382		101.5	0.000233952		258.5	0.000595827
19.19972	51	0.2323	2.24E-01	4.02E+01		32	0.0801167		192.5	0.481952		7	0.017526		3.5	8.76276E-06		57	0.000142708		101.5	0.00025412		258.5	0.000647193
19.24972	54	0.2483	2.40E-01	4.32E+01		32	0.0860857		192.5	0.517859		7	0.018831		3.5	9.41562E-06		57	0.00015334		101.5	0.000273053		258.5	0.000695411
19.29972	57	0.2630	2.56E-01	4.60E+01		32	0.0915883		192.5	0.550961		7	0.020035		3.5	1.00175E-05		57	0.000163142		101.5	0.000290507		258.5	0.000739862
19.34972	60	0.2765	2.70E-01	4.86E+01	27	32	0.096654	174	166.5	0.581434	6	7	0.021143	3	2	1.05715E-05	59	70.5	0.000172165	119	102	0.000306574	278	310	0.000780783
19.39972	63	0.2888	2.83E-01	5.09E+01		32	0.1012802		166.5	0.526973		7	0.022155		2	6.33001E-06		70.5	0.000223133		102	0.000322831		310	0.000981152
19.44972	66	0.3000	2.94E-01	5.30E+01		32	0.1054777		166.5	0.548813		7	0.023073		2	6.59235E-06		70.5	0.00023238		102	0.00033621		310	0.001021815
19.49972	69	0.3102	3.05E-01	5.49E+01		32	0.1093086		166.5	0.568746		7	0.023911		2	6.83179E-06		70.5	0.000240821		102	0.000348421		310	0.001058927
19.54972	72	0.3192	3.15E-01	5.66E+01		32	0.1127464		166.5	0.586634		7	0.024663		2	7.04665E-06		70.5	0.000248394		102	0.000359379		310	0.001092231
19.59972	75	0.3267	3.23E-01	5.81E+01	37	37.5	0.1157074	159	138	0.60204	8	7	0.025311	1	3.5	7.23171E-06	82	65.5	0.000254918	85	81.5	0.000368817	342	325.5	0.001120916
19.64972	78	0.3329	3.30E-01	5.94E+01		37.5	0.1384821		138	0.509614		7	0.02585		3.5	1.2925E-05		65.5	0.000241882		81.5	0.000300968		325.5	0.001202025
19.69972	81	0.3377	3.35E-01	6.04E+01		37.5	0.1407938		138	0.518121		7	0.026282		3.5	1.31408E-05		65.5	0.00024592		81.5	0.000305992		325.5	0.00122209
19.74972	84	0.3412	3.39E-01	6.11E+01		37.5	0.1425291		138	0.524507		7	0.026605		3.5	1.33027E-05		65.5	0.000248951		81.5	0.000309763		325.5	0.001237153
19.79972	87	0.3432	3.42E-01	6.16E+01		37.5	0.1436732		138	0.528717		7	0.026819		3.5	1.34095E-05		65.5	0.000250949		81.5	0.00031225		325.5	0.001247083
19.84972	90	0.3438	3.43E-01	6.18E+01	38	29	0.144224	117	110.5	0.530744	6	5.5	0.026922	6	8	1.34609E-05	49	36	0.000251911	78	66	0.000313447	309	264	0.001251865
19.89972	93	0.3431	3.43E-01	6.18E+01		29	0.1115187		110.5	0.424925		5.5	0.02115		8	3.07638E-05		36	0.000138437		66	0.000253801		264	0.001015205
19.94972	96	0.3410	3.42E-01	6.16E+01		29	0.1110606		110.5	0.423179		5.5	0.021063		8	3.06374E-05		36	0.000137868		66	0.000252759		264	0.001011034
19.99972	99	0.3379	3.39E-01	6.11E+01		29	0.1102108		110.5	0.419941		5.5	0.020902		8	3.0403E-05		36	0.000136813		66	0.000250825		264	0.001003298
20.04972	102	0.3338	3.36E-01	6.05E+01		29	0.1090494		110.5	0.415516		5.5	0.020682		8	3.00826E-05		36	0.000135372		66	0.000248181		264	0.000992726
20.09972	105	0.3289	3.31E-01	5.96E+01	20	28	0.1075895	104	111	0.409953	5	6	0.020405	10	7.5	2.96798E-05	23	37	0.000133559	54	50	0.000244859	219	258	0.000979435
20.14972	108	0.3232	3.26E-01	5.87E+01		28	0.102212		111	0.405197		6	0.021903		7.5	2.73782E-05		37	0.000135066		50	0.000182521		258	0.00094181
20.19972	111	0.3168	3.20E-01	5.76E+01		28	0.1003258		111	0.39772		6	0.021498		7.5	2.6873E-05		37	0.000132573		50	0.000179153		258	0.000924431
20.24972	114	0.3098	3.13E-01	5.64E+01		28	0.0982229		111	0.389384		6	0.021048		7.5	2.63097E-05		37	0.000129795		50	0.000175398		258	0.000905054
20.29972	117	0.3020	3.06E-01	5.51E+01		28	0.095898		111	0.380167		6	0.02055		7.5	2.5687E-05		37	0.000126722		50	0.000171246		258	0.000883631
20.34972	120	0.2938	2.98E-01	5.36E+01	36	35	0.0933992	118	142.5	0.370261	7	8	0.020014	5	5	2.50176E-05	51	53	0.00012342	46	51.5	0.000166784	297	258	0.000860607
20.39972	123	0.2851	2.89E-01	5.21E+01		35	0.1134276		142.5	0.461812		8	0.025926		5	1.62039E-05		53	0.000171762		51.5	0.000166901		258	0.000836124
20.44972	126	0.2758	2.80E-01	5.05E+01		35	0.1098956		142.5	0.447432		8	0.025119		5	1.56994E-05		53	0.000166413		51.5	0.000161704		258	0.000810088
20.49972	129	0.2661	2.71E-01	4.88E+01		35	0.1061781		142.5	0.432297		8	0.024269		5	1.51683E-05		53	0.000160784		51.5	0.000156234		258	0.000782684
20.54972	132	0.2560	2.61E-01	4.70E+01		35	0.1022911		142.5	0.416471		8	0.023381		5	1.4613E-05		53	0.000154898		51.5	0.000150514		258	0.000754032
20.59972	135	0.2455	2.51E-01	4.51E+01	34	29.5	0.0982676	167	126.5	0.400089	9	8	0.022461	5	4	1.40382E-05	55	56.5	0.000148805	57	60.5	0.000144594	219	235.5	0.000724373
20.64972	138	0.2345	2.40E-01	4.32E+01		29.5	0.0792829		126.5	0.339976		8	0.0215		4	1.07502E-05		56.5	0.000151847		60.5	0.000162597		235.5	0.000632919
20.69972	141	0.2229	2.29E-01	4.12E+01		29.5	0.0755478		126.5	0.323959		8	0.020488		4	1.02438E-05		56.5	0.000144693		60.5	0.000154937		235.5	0.000603102
20.74972	144	0.2112	2.17E-01	3.91E+01		29.5	0.0717034		126.5	0.307474		8	0.019445		4	9.72249E-06		56.5	0.00013733		60.5	0.000147053		235.5	0.000572412
20.79972	147	0.1997	2.05E-01	3.70E+01		29.5	0.0678591		126.5	0.290989		8	0.018402		4	9.20124E-06		56.5	0.000129967		60.5	0.000139169		235.5	0.000541723
20.84972	150	0.1882	1.94E-01	3.49E+01	25	27.5	0.0640564	86	107.5	0.274683	7	8	0.017371	3	3	8.68562E-06	58	59.5	0.000122684	64	64.5	0.00013137	252	277	0.000511366
20.89972	153	0.1767	1.82E-01	3.28E+01		27.5	0.0561837		107.5	0.219627		8	0.016344		3	6.12913E-06		59.5	0.000121561		64.5	0.000131776		277	0.000565923
20.94972	156	0.1657	1.71E-01	3.08E+01		27.5	0.0527199		107.5	0.206087		8	0.015337		3	5.75126E-06		59.5	0.000114067		64.5	0.000123652		277	0.000531033
20.99972	159	0.1548	1.60E-01	2.88E+01		27.5	0.0493396		107.5	0.192873		8	0.014353		3	5.3825E-06		59.5	0.000106753		64.5	0.000115724		277	0.000496984
21.04972	162	0.1441	1.49E-01	2.69E+01		27.5	0.0460127		107.5	0.179868		8	0.013386		3	5.01957E-06		59.5	9.95548E-05		64.5	0.000107921		277	0.000463474

Conduit CSO 1005

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.35E+03	3.85	4.98	21.87	1.12	0.00	0.01	0.01	0.04

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc ug/l	Zn Mean Conc.	Zn Discharge lbs.
21.09972	165	0.1339	1.39E-01	2.50E+01	30	40.5	0.0427986	129	118	0.167304	9	9.5	0.012451	3	4	4.66894E-06	61	54	9.26007E-05	65	64	0.000100382	302	269	0.000431099
21.14972	168	0.1235	1.29E-01	2.32E+01		40.5	0.0583643		118	0.170049		9.5	0.01369		4	5.76438E-06		54	7.78191E-05		64	9.22301E-05		269	0.000387655
21.19972	171	0.1136	1.19E-01	2.13E+01		40.5	0.0537622		118	0.15664		9.5	0.012611		4	5.30984E-06		54	7.16829E-05		64	8.49575E-05		269	0.000357087
21.24972	174	0.1036	1.09E-01	1.95E+01		40.5	0.0492379		118	0.143458		9.5	0.01155		4	4.863E-06		54	6.56505E-05		64	7.7808E-05		269	0.000327037
21.29972	177	0.0930	9.83E-02	1.77E+01		40.5	0.0445683		118	0.129853		9.5	0.010454		4	4.40181E-06		54	5.94244E-05		64	7.0429E-05		269	0.000296022
21.34972	180	0.0830	8.80E-02	1.58E+01	51	47	0.0398965	107	114	0.116242	10	9	0.009358	5	7	3.94039E-06	47	48	5.31953E-05	63	102.5	6.30463E-05	236	271	0.000264991
21.39972	183	0.0734	7.82E-02	1.41E+01		47	0.0411382		114	0.099782		9	0.007878		7	6.12697E-06		48	4.20135E-05		102.5	8.97163E-05		271	0.000237201
21.44972	186	0.0643	6.89E-02	1.24E+01		47	0.0362391		114	0.087899		9	0.006939		7	5.39732E-06		48	3.70102E-05		102.5	7.90321E-05		271	0.000208953
21.49972	189	0.0567	6.05E-02	1.09E+01		47	0.0318452		114	0.077241		9	0.006098		7	4.7429E-06		48	3.25227E-05		102.5	6.94496E-05		271	0.000183618
21.54972	192	0.0495	5.31E-02	9.56E+00		47	0.0279369		114	0.067762		9	0.00535		7	4.16081E-06		48	2.85313E-05		102.5	6.09262E-05		271	0.000161083
21.59972	195	0.0428	4.62E-02	8.31E+00		47	0.0242878		114	0.058911		9	0.004651	9	7	3.61734E-06	49	42	2.48046E-05	142	140.5	5.29681E-05	306	294	0.000140043
21.64972	198	0.0366	3.97E-02	7.15E+00		47	0.0208998		114	0.050693		9	0.004002		7	3.11274E-06		42	1.86764E-05		140.5	6.24771E-05		294	0.000130735
21.69972	201	0.0309	3.38E-02	6.08E+00		47	0.0177644		114	0.043088		9	0.003402		7	2.64576E-06		42	1.58746E-05		140.5	5.31043E-05		294	0.000111122
21.74972	204	0.0252	2.80E-02	5.05E+00		47	0.014757		114	0.035794		9	0.002826		7	2.19785E-06		42	1.31871E-05		140.5	4.4114E-05		294	9.23098E-05
21.79972	207	0.0189	2.20E-02	3.96E+00		47	0.0115908		114	0.028114		9	0.00222		7	1.72629E-06		42	1.03577E-05		140.5	3.4649E-05		294	7.25041E-05
21.84972	210	0.0136	1.62E-02	2.92E+00		47	0.0085434		114	0.020722		9	0.001636		7	1.27242E-06		42	7.63454E-06		140.5	2.55394E-05		294	5.34418E-05
21.89972	213	0.0101	1.18E-02	2.13E+00		47	0.0062301		114	0.015111		9	0.001193		7	9.27884E-07		42	5.5673E-06		140.5	1.8624E-05		294	3.89711E-05
21.94972	216	0.0075	8.76E-03	1.58E+00		47	0.0046122		114	0.011187		9	0.000883		7	6.86931E-07		42	4.12158E-06		140.5	1.37877E-05		294	2.88511E-05
21.99972	219	0.0053	6.36E-03	1.14E+00		47	0.0033473		114	0.008119		9	0.000641		7	4.98531E-07		42	2.99118E-06		140.5	1.00062E-05		294	2.09383E-05
22.04972	222	0.0035	4.37E-03	7.86E-01		47	0.0022986		114	0.005575		9	0.00044		7	3.42347E-07		42	2.05408E-06		140.5	6.8714E-06		294	1.43786E-05
22.09972	225	0.0021	2.76E-03	4.97E-01		47	0.0014539		114	0.003526		9	0.000278	5	4	2.16532E-07	35	37.5	1.29919E-06	139	120.5	4.34611E-06	282	252.5	9.09436E-06
22.14972	228	0.0009	1.50E-03	2.70E-01		47	0.0007893		114	0.001915		9	0.000151		4	6.71785E-08		37.5	6.29799E-07		120.5	2.02375E-06		252.5	4.24064E-06
22.19972	231	0.0002	5.87E-04	1.06E-01		47	0.0003092		114	0.00075		9	5.92E-05		4	2.63121E-08		37.5	2.46676E-07		120.5	7.92653E-07		252.5	1.66095E-06
	234		1.16E-04	2.08E-02		47	6.089E-05		114	0.000148		9	1.17E-05		4	5.18222E-09		37.5	4.85833E-08		120.5	1.56114E-07		252.5	3.27127E-07
	237		0.00E+00	0.00E+00		47	0		114	0		9	0		4	0		37.5	0		120.5	0		252.5	0
	240		0.00E+00	0.00E+00	43	43	0	121	121	0	8	8	0	3	3	0	40	40	0	102	102	0	223	223	0
	243		0.00E+00	0.00E+00		43	0		121	0		8	0		3	0		40	0		102	0		223	0

Conduit CSO 1011

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.78E+01	2.30	0.07	0.36	0.02	0.00	0.00	0.00	0.00

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharg lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharg lbs.	Cd Conc ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharg lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
17.29972	0	4.67E-05			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
17.34972	3	1.74E-04	1.10E-04	1.99E-02		80	9.88501E-05		761.5	0.00094		36.5	4.5E-05		7.5	9.2672E-09		172.5	2.1E-07		283.5	3.503E-07		639	7.9E-07
17.39972	6	4.11E-04	2.93E-04	5.27E-02		80	0.000262124		761.5	0.0025		36.5	0.00012		7.5	2.45742E-08		172.5	5.7E-07		283.5	9.289E-07		639	2.1E-06
17.44972	9	7.53E-04	5.82E-04	1.05E-01		80	0.00052133		761.5	0.00496		36.5	0.00024		7.5	4.88747E-08		172.5	1.1E-06		283.5	1.847E-06		639	4.2E-06
17.49972	12	1.22E-03	8.14E-04	1.46E-01		80	0.000728928		761.5	0.00694		36.5	0.00033		7.5	6.8337E-08		172.5	1.6E-06		283.5	2.583E-06		639	5.8E-06
17.54972	15	1.78E-03	1.50E-03	2.70E-01	69	58	0.001342671	451	358.5	0.01278	24	17.5	0.00061	4	5.5	1.25875E-07	130	107	2.9E-06	198	147.5	4.758E-06	446	410.5	1.1E-05
17.59972	18	2.42E-03	2.10E-03	3.79E-01		58	0.001365862		358.5	0.00844		17.5	0.00041		5.5	1.29521E-07		107	2.5E-06		147.5	3.474E-06		410.5	9.7E-06
17.64972	21	3.11E-03	2.77E-03	4.98E-01		58	0.001798153		358.5	0.01111		17.5	0.00054		5.5	1.70515E-07		107	3.3E-06		147.5	4.573E-06		410.5	1.3E-05
17.69972	24	3.79E-03	3.45E-03	6.22E-01		58	0.002242323		358.5	0.01386		17.5	0.00068		5.5	2.12634E-07		107	4.1E-06		147.5	5.702E-06		410.5	1.6E-05
17.74972	27	4.42E-03	4.11E-03	7.39E-01		58	0.002666029		358.5	0.01648		17.5	0.0008		5.5	2.52813E-07		107	4.9E-06		147.5	6.78E-06		410.5	1.9E-05
17.79972	30	4.97E-03	4.70E-03	8.45E-01	47	42	0.003049195	266	238.5	0.01885	11	9.5	0.00092	7	5.5	2.89148E-07	84	69.5	5.6E-06	97	90.5	7.754E-06	375	307	2.2E-05
17.84972	33	5.45E-03	5.21E-03	9.38E-01		42	0.002449683		238.5	0.01391		9.5	0.00055		5.5	3.20792E-07		69.5	4.1E-06		90.5	5.278E-06		307	1.8E-05
17.89972	36	5.83E-03	5.64E-03	1.01E+00		42	0.002650747		238.5	0.01505		9.5	0.0006		5.5	3.47122E-07		69.5	4.4E-06		90.5	5.712E-06		307	1.9E-05
17.94972	39	6.13E-03	5.98E-03	1.08E+00		42	0.002811162		238.5	0.01596		9.5	0.00064		5.5	3.68128E-07		69.5	4.7E-06		90.5	6.057E-06		307	2.1E-05
17.99972	42	6.30E-03	6.21E-03	1.12E+00		42	0.002921684		238.5	0.01659		9.5	0.00066		5.5	3.82602E-07		69.5	4.8E-06		90.5	6.296E-06		307	2.1E-05
18.04972	45	6.38E-03	6.34E-03	1.14E+00	37	32	0.002981478	211	192.5	0.01693	8	7	0.00067	4	3.5	3.90432E-07	55	57	4.9E-06	84	101.5	6.424E-06	239	258.5	2.2E-05
18.09972	48	6.38E-03	6.38E-03	1.15E+00		32	0.002286662		192.5	0.01376		7	0.0005		3.5	2.50104E-07		57	4.1E-06		101.5	7.253E-06		258.5	1.8E-05
18.14972	51	6.31E-03	6.35E-03	1.14E+00		32	0.00227425		192.5	0.01368		7	0.0005		3.5	2.48746E-07		57	4.1E-06		101.5	7.214E-06		258.5	1.8E-05
18.19972	54	6.16E-03	6.24E-03	1.12E+00		32	0.002234554		192.5	0.01344		7	0.00049		3.5	2.44404E-07		57	4E-06		101.5	7.088E-06		258.5	1.8E-05
18.24972	57	5.99E-03	6.08E-03	1.09E+00		32	0.002177072		192.5	0.0131		7	0.00048		3.5	2.38117E-07		57	3.9E-06		101.5	6.905E-06		258.5	1.8E-05
18.29972	60	5.79E-03	5.89E-03	1.06E+00	27	32	0.002111217	174	166.5	0.0127	6	7	0.00046	3	2	2.30914E-07	59	70.5	3.8E-06	119	102	6.697E-06	278	310	1.7E-05
18.34972	63	5.55E-03	5.67E-03	1.02E+00		32	0.002031945		166.5	0.01057		7	0.00044		2	1.26997E-07		70.5	4.5E-06		102	6.477E-06		310	2E-05
18.39972	66	5.32E-03	5.44E-03	9.78E-01		32	0.001947378		166.5	0.01013		7	0.00043		2	1.21711E-07		70.5	4.3E-06		102	6.207E-06		310	1.9E-05
18.44972	69	5.07E-03	5.19E-03	9.35E-01		32	0.001861212		166.5	0.00968		7	0.00041		2	1.16326E-07		70.5	4.1E-06		102	5.933E-06		310	1.8E-05
18.49972	72	4.85E-03	4.96E-03	8.92E-01		32	0.001776429		166.5	0.00924		7	0.00039		2	1.11027E-07		70.5	3.9E-06		102	5.662E-06		310	1.7E-05
18.54972	75	4.60E-03	4.73E-03	8.51E-01	37	37.5	0.001693016	159	138	0.00881	8	7	0.00037	1	3.5	1.05813E-07	82	65.5	3.7E-06	85	81.5	5.396E-06	342	325.5	1.6E-05
18.59972	78	4.39E-03	4.50E-03	8.09E-01		37.5	0.001888137		138	0.00695		7	0.00035		3.5	1.76226E-07		65.5	3.3E-06		81.5	4.104E-06		325.5	1.6E-05
18.64972	81	4.17E-03	4.28E-03	7.70E-01		37.5	0.00179675		138	0.00661		7	0.00034		3.5	1.67697E-07		65.5	3.1E-06		81.5	3.905E-06		325.5	1.6E-05
18.69972	84	3.94E-03	4.05E-03	7.29E-01		37.5	0.001701249		138	0.00626		7	0.00032		3.5	1.58783E-07		65.5	3E-06		81.5	3.697E-06		325.5	1.5E-05
18.74972	87	3.72E-03	3.83E-03	6.89E-01		37.5	0.001607617		138	0.00592		7	0.0003		3.5	1.50044E-07		65.5	2.8E-06		81.5	3.494E-06		325.5	1.4E-05
18.79972	90	3.51E-03	3.62E-03	6.51E-01	38	29	0.001518481	117	110.5	0.00559	6	5.5	0.00028	6	8	1.41725E-07	49	36	2.7E-06	78	66	3.3E-06	309	264	1.3E-05
18.84972	93	3.31E-03	3.41E-03	6.14E-01		29	0.00110772		110.5	0.00422		5.5	0.00021		8	3.05578E-07		36	1.4E-06		66	2.521E-06		264	1E-05
18.89972	96	3.13E-03	3.22E-03	5.80E-01		29	0.001045796		110.5	0.00398		5.5	0.0002		8	2.88495E-07		36	1.3E-06		66	2.38E-06		264	9.5E-06
18.94972	99	2.92E-03	3.02E-03	5.44E-01		29	0.000982111		110.5	0.00374		5.5	0.00019		8	2.70927E-07		36	1.2E-06		66	2.235E-06		264	8.9E-06
18.99972	102	2.69E-03	2.80E-03	5.05E-01		29	0.00091075		110.5	0.00347		5.5	0.00017		8	2.51241E-07		36	1.1E-06		66	2.073E-06		264	8.3E-06
19.04972	105	2.45E-03	2.57E-03	4.63E-01	20	28	0.000834788	104	111	0.00318	5	6	0.00016	10	7.5	2.30286E-07	23	37	1E-06	54	50	1.9E-06	219	258	7.6E-06
19.09972	108	2.20E-03	2.32E-03	4.18E-01		28	0.000728861		111	0.00289		6	0.00016		7.5	1.95231E-07		37	9.6E-07		50	1.302E-06		258	6.7E-06
19.14972	111	1.94E-03	2.07E-03	3.73E-01		28	0.000649186		111	0.00257		6	0.00014		7.5	1.73889E-07		37	8.6E-07		50	1.159E-06		258	6E-06
19.19972	114	1.69E-03	1.82E-03	3.27E-01		28	0.000569042		111	0.00226		6	0.00012		7.5	1.52422E-07		37	7.5E-07		50	1.016E-06		258	5.2E-06
19.24972	117	1.44E-03	1.56E-03	2.82E-01		28	0.000490364		111	0.00194		6	0.00011		7.5	1.31347E-07		37	6.5E-07		50	8.756E-07		258	4.5E-06
19.29972	120	1.20E-03	1.32E-03	2.38E-01	36	35	0.0004139	118	142.5	0.00164	7	8	8.9E-05	5	5	1.10866E-07	51	53	5.5E-07	46	51.5	7.391E-07	297	258	3.8E-06
19.34972	123	9.69E-04	1.08E-03	1.95E-01		35	0.000424946		142.5	0.00173		8	9.7E-05		5	6.07066E-08		53	6.4E-07		51.5	6.253E-07		258	3.1E-06
19.39972	126	7.52E-04	8.61E-04	1.55E-01		35	0.000337279		142.5	0.00137		8	7.7E-05		5	4.81827E-08		53	5.1E-07		51.5	4.963E-07		258	2.5E-06
19.44972	129	5.61E-04	6.57E-04	1.18E-01		35	0.00025732		142.5	0.00105		8	5.9E-05		5	3.676E-08		53	3.9E-07		51.5	3.786E-07		258	1.9E-06
19.49972	132	3.83E-04	4.72E-04	8.50E-02		35	0.000184989		142.5	0.00075		8	4.2E-05		5	2.64271E-08		53	2.8E-07		51.5	2.722E-07		258	1.4E-06
19.54972	135	2.24E-04	3.04E-04	5.46E-02	34	29.5	0.000118973	167	126.5	0.00048	9	8	2.7E-05	5	4	1.69962E-08	55	56.5	1.8E-07	57	60.5	1.751E-07	219	235.5	8.8E-07
19.59972	138	9.03E-05	1.57E-04	2.83E-02		29.5	5.19738E-05		126.5	0.00022		8	1.4E-05		4	7.04729E-09		56.5	1E-07		60.5	1.066E-07		235.5	4.1E-07
	141		4.51E-05	8.12E-03		29.5	1.49079E-05		126.5	6.4E-05		8	4E-06		4	2.02141E-09		56.5	2.9E-08		60.5	3.057E-08		235.5	1.2E-07
	144		0.00E+00	0.00E+00		29.5	0		126.5	0		8	0		4	0		56.5	0		60.5	0		235.5	0
	147		0.00E+00	0.00E+00		29.5	0		126.5	0		8	0		4	0		56.5	0		60.5	0		235.5	0
	150		0.00E+00	0.00E+00	25	25	0	86	86	0	7	7	0	3	3	0	58	58	0	64	64	0	252	252	0

Conduit CSO 1013

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
6.49E+00	1.20	0.019662	0.130296	0.005844	0.00	0.00	0.00	0.00

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
17.74972	0	9.83E-05			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
17.79972	3	3.11E-04	2.05E-04	3.68E-02		80	0.000183		761.5	0.001745		36.5	8.37E-05		7.5	1.71914E-08		172.5	3.95402E-07		283.5	6.49835E-07		639	1.46471E-06
17.84972	6	6.16E-04	4.63E-04	8.34E-02		80	0.000415		761.5	0.003951		36.5	0.000189		7.5	3.89151E-08		172.5	8.95048E-07		283.5	1.47099E-06		639	3.31557E-06
17.89972	9	9.90E-04	8.03E-04	1.44E-01		80	0.000719		761.5	0.006843		36.5	0.000328		7.5	6.73989E-08		172.5	1.55017E-06		283.5	2.54768E-06		639	5.74238E-06
17.94972	12	1.39E-03	1.00E-03	1.80E-01		80	0.000897		761.5	0.00854		36.5	0.000409		7.5	8.41136E-08		172.5	1.93461E-06		283.5	3.17949E-06		639	7.16648E-06
17.99972	15	1.75E-03	1.57E-03	2.83E-01	69	58	0.001407	451	358.5	0.013394	24	17.5	0.000642	4	5.5	1.31913E-07	130	107	3.034E-06	198	147.5	4.98631E-06	446	410.5	1.1239E-05
18.04972	18	2.08E-03	1.92E-03	3.45E-01		58	0.001244		358.5	0.007689		17.5	0.000375		5.5	1.17958E-07		107	2.29481E-06		147.5	3.16341E-06		410.5	8.80392E-06
18.09972	21	2.34E-03	2.21E-03	3.98E-01		58	0.001434		358.5	0.008866		17.5	0.000433		5.5	1.3602E-07		107	2.64621E-06		147.5	3.64781E-06		410.5	1.01521E-05
18.14972	24	2.54E-03	2.44E-03	4.39E-01		58	0.001585		358.5	0.009795		17.5	0.000478		5.5	1.50275E-07		107	2.92353E-06		147.5	4.03009E-06		410.5	1.1216E-05
18.19972	27	2.67E-03	2.60E-03	4.69E-01		58	0.001692		358.5	0.010456		17.5	0.00051		5.5	1.6042E-07		107	3.12089E-06		147.5	4.30216E-06		410.5	1.19731E-05
18.24972	30	2.73E-03	2.70E-03	4.86E-01	47	42	0.001753	266	238.5	0.010833	11	9.5	0.000529	7	5.5	1.66197E-07	84	69.5	3.23329E-06	97	90.5	4.4571E-06	375	307	1.24043E-05
18.29972	33	2.69E-03	2.71E-03	4.88E-01		42	0.001274		238.5	0.007236		9.5	0.000288		5.5	1.66875E-07		69.5	2.10869E-06		90.5	2.74584E-06		307	9.31463E-06
18.34972	36	2.58E-03	2.64E-03	4.75E-01		42	0.00124		238.5	0.007042		9.5	0.000281		5.5	1.62397E-07		69.5	2.05211E-06		90.5	2.67217E-06		307	9.06472E-06
18.39972	39	2.40E-03	2.49E-03	4.49E-01		42	0.001172		238.5	0.006656		9.5	0.000265		5.5	1.53502E-07		69.5	1.93971E-06		90.5	2.52581E-06		307	8.56823E-06
18.44972	42	2.19E-03	2.30E-03	4.13E-01		42	0.00108		238.5	0.00613		9.5	0.000244		5.5	1.41363E-07		69.5	1.78632E-06		90.5	2.32607E-06		307	7.89065E-06
18.49972	45	1.94E-03	2.06E-03	3.72E-01	37	32	0.000971	211	192.5	0.005512	8	7	0.00022	4	3.5	1.27101E-07	55	57	1.6061E-06	84	101.5	2.09139E-06	239	258.5	7.09455E-06
18.54972	48	1.69E-03	1.81E-03	3.26E-01		32	0.00065		192.5	0.003908		7	0.000142		3.5	7.10591E-08		57	1.15725E-06		101.5	2.06072E-06		258.5	5.24822E-06
18.59972	51	1.43E-03	1.56E-03	2.81E-01		32	0.000559		192.5	0.00336		7	0.000122		3.5	6.10861E-08		57	9.94831E-07		101.5	1.7715E-06		258.5	4.51165E-06
18.64972	54	1.18E-03	1.30E-03	2.35E-01		32	0.000467		192.5	0.002809		7	0.000102		3.5	5.10707E-08		57	8.31723E-07		101.5	1.48105E-06		258.5	3.77194E-06
18.69972	57	9.31E-04	1.05E-03	1.90E-01		32	0.000377		192.5	0.00227		7	8.26E-05		3.5	4.12788E-08		57	6.72254E-07		101.5	1.19708E-06		258.5	3.04873E-06
18.74972	60	7.10E-04	8.21E-04	1.48E-01	27	13.5	0.000294	174	87	0.001769	6	3	6.43E-05	3	1.5	3.2165E-08	59	29.5	5.2383E-07	119	59.5	9.32784E-07	278	139	2.37561E-06
18.79972	63	5.09E-04	6.10E-04	1.10E-01		13.5	9.21E-05		87	0.000594		3	2.05E-05		1.5	1.02367E-08		29.5	2.01321E-07		59.5	4.06055E-07		139	9.48598E-07
18.84972	66	3.34E-04	4.21E-04	7.59E-02		13.5	6.37E-05		87	0.000411		3	1.42E-05		1.5	7.07785E-09		29.5	1.39198E-07		59.5	2.80755E-07		139	6.55881E-07
18.89972	69	1.80E-04	2.57E-04	4.63E-02	37	37	3.88E-05	159	159	0.00025	8	8	8.63E-06	1	1	4.31564E-09	82	82	8.48743E-08	85	85	1.71187E-07	342	342	3.99916E-07
18.94972	72	4.26E-05	1.11E-04	2.00E-02		37	4.61E-05		159	0.000198		8	9.96E-06		1	1.24562E-09		82	1.02141E-07		85	1.05878E-07		342	4.26001E-07
	75	0	2.13E-05	3.83E-03		37	8.81E-06		159	3.79E-05		8	1.91E-06		1	2.38212E-10		82	1.95334E-08		85	2.0248E-08		342	8.14686E-08

Conduit CSO 1016

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.23E+00	0.55	0.01	0.07	0.00	0.00	0.00	0.00	0.00

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharg lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharg lbs.	TKN Conc mg/l	TKN Mean Conc.	TKN Discharg lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharg lbs.	Pb Conc ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
17.84972	0	2.19E-04			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
17.89972	3	6.59E-04	4.39E-04	7.90E-02		80	0.00039		761.5	0.00374		36.5	0.00018		7.5	3.68659E-08		172.5	8.5E-07		283.5	1.39353E-06		639	3.1E-06
17.94972	6	1.09E-03	8.74E-04	1.57E-01		80	0.00078		761.5	0.00745		36.5	0.00036		7.5	7.34232E-08		172.5	1.7E-06		283.5	2.7754E-06		639	6.3E-06
17.99972	9	1.44E-03	1.27E-03	2.28E-01		80	0.00113		761.5	0.01079		36.5	0.00052		7.5	1.06311E-07		172.5	2.4E-06		283.5	4.01856E-06		639	9.1E-06
18.04972	12	1.69E-03	1.39E-03	2.50E-01		80	0.00124		761.5	0.01183		36.5	0.00057		7.5	1.16547E-07		172.5	2.7E-06		283.5	4.40546E-06		639	9.9E-06
18.09972	15	1.78E-03	1.73E-03	3.12E-01	69	58	0.00155	451	358.5	0.01476	24	17.5	0.00071	4	5.5	1.45367E-07	130	107	3.3E-06	198	147.5	5.49487E-06	446	410.5	1 2E-05
18.14972	18	1.70E-03	1.74E-03	3.13E-01		58	0.00113		358.5	0.00698		17.5	0.00034		5.5	1.07095E-07		107	2.1E-06		147.5	2.8721E-06		410.5	8E-06
18.19972	21	1.49E-03	1.60E-03	2.87E-01		58	0.00104		358.5	0.00641		17.5	0.00031		5.5	9.83273E-08		107	1.9E-06		147.5	2.63696E-06		410.5	7.3E-06
18.24972	24	1.18E-03	1.34E-03	2.41E-01		58	0.00087		358.5	0.00537		17.5	0.00026		5.5	8.23831E-08		107	1.6E-06		147.5	2.20936E-06		410.5	6.1E-06
18.29972	27	8.25E-04	1.00E-03	1.81E-01		58	0.00065		358.5	0.00403		17.5	0.0002		5.5	6.18816E-08		107	1.2E-06		147.5	1.65955E-06		410.5	4.6E-06
18.34972	30	4.61E-04	6.43E-04	1.16E-01	47	42	0.00042	266	238.5	0.00258	11	9.5	0.00013	7	5.5	3.95933E-08	84	69.5	7.7E-07	97	90.5	1.06182E-06	375	307	3E-06
18.39972	33	1.29E-04	2.95E-04	5.31E-02		42	0.00014		238.5	0.00079		9.5	3.1E-05		5.5	1.81523E-08		69.5	2.3E-07		90.5	2.98688E-07		307	1E-06
	36		6.45E-05	1.16E-02		42	3E-05		238.5	0.00017		9.5	6.9E-06		5.5	3.97226E-09		69.5	5E-08		90.5	6.53617E-08		307	2.2E-07
	39		0.00E+00	0.00E+00		42	0		238.5	0		9.5	0		5.5	0		69.5	0		90.5	0		307	0
	42		0.00E+00	0.00E+00		42	0		238.5	0		9.5	0		5.5	0		69.5	0		90.5	0		307	0
	45		0.00E+00	0.00E+00	37	18.5	0	211	105.5	0	8	4	0	4	2	0	55	27.5	0	84	42	0	239	119.5	0

Conduit CSO 1019

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
3.46E+04	3.70	76	367	17	0.01	0.13	0.18	0.63

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
17.04972	0	1.25E-04			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
17.09972	3	6.09E-02	3.05E-02	5.49E+00		80	0.02732944		761.5	0.260142		36.5	0.012469		7.5	2.56214E-06		172.5	5.89E-05		283.5	9.68E-05		639	0.000218
17.14972	6	0.2429199	1.52E-01	2.73E+01		80	0.13606907		761.5	1.295208		36.5	0.062082		7.5	1.27565E-05		172.5	0.000293		283.5	0.000482		639	0.001087
17.19972	9	0.5927279	4.18E-01	7.52E+01		80	0.37425865		761.5	3.562475		36.5	0.170756		7.5	3.50867E-05		172.5	0.000807		283.5	0.001326		639	0.002989
17.24972	12	0.9981587	6.21E-01	1.12E+02		80	0.55583752		761.5	5.290878		36.5	0.253601		7.5	5.21098E-05		172.5	0.001199		283.5	0.00197		639	0.00444
17.29972	15	1.270862	1.13E+00	2.04E+02	69	58	1.01621835	451	358.5	9.673128	24	17.5	0.46365	4	5.5	9.52705E-05	130	107	0.002191	198	147.5	0.003601	446	410.5	0.008117
17.34972	18	1.483422	1.38E+00	2.48E+02		58	0.89432485		358.5	5.527853		17.5	0.269839		5.5	8.48067E-05		107	0.00165		147.5	0.002274		410.5	0.00633
17.39972	21	1.697064	1.59E+00	2.86E+02		58	1.03271401		358.5	6.383241		17.5	0.311595		5.5	9.79298E-05		107	0.001905		147.5	0.002626		410.5	0.007309
17.44972	24	1.946735	1.82E+00	3.28E+02		58	1.18315323		358.5	7.313111		17.5	0.356986		5.5	0.000112196		107	0.002183		147.5	0.003009		410.5	0.008374
17.49972	27	2.256325	2.10E+00	3.78E+02		58	1.36474707		358.5	8.435549		17.5	0.411777		5.5	0.000129416		107	0.002518		147.5	0.003471		410.5	0.009659
17.54972	30	2.64834	2.45E+00	4.41E+02	47	42	1.59256047	266	238.5	9.843671	11	9.5	0.480514	7	5.5	0.000151019	84	69.5	0.002938	97	90.5	0.00405	375	307	0.011271
17.59972	33	3.063956	2.86E+00	5.14E+02		42	1.34313165		238.5	7.627069		9.5	0.303804		5.5	0.000175886		69.5	0.002223		90.5	0.002894		307	0.009818
17.64972	36	3.495969	3.28E+00	5.90E+02		42	1.54243458		238.5	8.758825		9.5	0.348884		5.5	0.000201985		69.5	0.002552		90.5	0.003324		307	0.011274
17.69972	39	3.934848	3.72E+00	6.69E+02		42	1.74720734		238.5	9.921642		9.5	0.395202		5.5	0.000228801		69.5	0.002891		90.5	0.003765		307	0.012771
17.74972	42	4.371324	4.15E+00	7.48E+02		42	1.95302948		238.5	11.09042		9.5	0.441757		5.5	0.000255754		69.5	0.003232		90.5	0.004208		307	0.014276
17.79972	45	4.805908	4.59E+00	8.26E+02	37	32	2.15784174	211	192.5	12.25346	8	7	0.488083	4	3.5	0.000282575	55	57	0.003571	84	101.5	0.00465	239	258.5	0.015773
17.84972	48	5.214561	5.01E+00	9.02E+02		32	1.79513294		192.5	10.79885		7	0.392685		3.5	0.000196343		57	0.003198		101.5	0.005694		258.5	0.014501
17.89972	51	5.576985	5.40E+00	9.71E+02		32	1.93326876		192.5	11.62982		7	0.422903		3.5	0.000211451		57	0.003444		101.5	0.006132		258.5	0.015617
17.94972	54	5.841616	5.71E+00	1.03E+03		32	2.04560353		192.5	12.30558		7	0.447476		3.5	0.000223738		57	0.003644		101.5	0.006488		258.5	0.016525
17.99972	57	5.987186	5.91E+00	1.06E+03		32	2.11908964		192.5	12.74765		7	0.463551		3.5	0.000231775		57	0.003775		101.5	0.006721		258.5	0.017118
18.04972	60	6.043344	6.02E+00	1.08E+03	27	32	2.15522853	174	166.5	12.96505	6	7	0.471456	3	2	0.000235728	59	70.5	0.003839	119	102	0.006836	278	310	0.01741
18.09972	63	6.044842	6.04E+00	1.09E+03		32	2.1655574		166.5	11.26767		7	0.473716		2	0.000135347		70.5	0.004771		102	0.006903		310	0.020979
18.14972	66	6.011821	6.03E+00	1.09E+03		32	2.15991016		166.5	11.23828		7	0.47248		2	0.000134994		70.5	0.004759		102	0.006885		310	0.020924
18.19972	69	5.962356	5.99E+00	1.08E+03		32	2.14513308		166.5	11.1614		7	0.469248		2	0.000134071		70.5	0.004726		102	0.006838		310	0.020781
18.24972	72	5.8982	5.93E+00	1.07E+03		32	2.12477826		166.5	11.05549		7	0.464795		2	0.000132799		70.5	0.004681		102	0.006773		310	0.020584
18.29972	75	5.799315	5.85E+00	1.05E+03	37	37.5	2.09557002	159	138	10.90351	8	7	0.458406	1	3.5	0.000130973	82	65.5	0.004617	85	81.5	0.00668	342	325.5	0.020301
18.34972	78	5.673481	5.74E+00	1.03E+03		37.5	2.40856919		138	8.863535		7	0.4496		3.5	0.0002248		65.5	0.004207		81.5	0.005235		325.5	0.020906
18.39972	81	5.53128	5.60E+00	1.01E+03		37.5	2.35229862		138	8.656459		7	0.439096		3.5	0.000219548		65.5	0.004109		81.5	0.005112		325.5	0.020418
18.44972	84	5.381606	5.46E+00	9.82E+02		37.5	2.29102313		138	8.430965		7	0.427658		3.5	0.000213829		65.5	0.004002		81.5	0.004979		325.5	0.019886
18.49972	87	5.229575	5.31E+00	9.55E+02		37.5	2.22768396		138	8.197877		7	0.415834		3.5	0.000207917		65.5	0.003891		81.5	0.004841		325.5	0.019336
18.54972	90	5.079017	5.15E+00	9.28E+02	38	29	2.16415921	117	110.5	7.964106	6	5.5	0.403976	6	8	0.000201988	49	36	0.00378	78	66	0.004703	309	264	0.018785
18.59972	93	4.923253	5.00E+00	9.00E+02		29	1.62388459		110.5	6.18756		5.5	0.307978		8	0.000447968		36	0.002016		66	0.003696		264	0.014783
18.64972	96	4.748418	4.84E+00	8.70E+02		29	1.57021131		110.5	5.983047		5.5	0.297799		8	0.000433162		36	0.001949		66	0.003574		264	0.014294
18.69972	99	4.567664	4.66E+00	8.38E+02		29	1.51248086		110.5	5.763074		5.5	0.28685		8	0.000417236		36	0.001878		66	0.003442		264	0.013769
18.74972	102	4.38828	4.48E+00	8.06E+02		29	1.45401188		110.5	5.540287		5.5	0.275761		8	0.000401107		36	0.001805		66	0.003309		264	0.013237
18.79972	105	4.215824	4.30E+00	7.74E+02	20	28	1.39689009	104	111	5.322633	5	6	0.264927	10	7.5	0.000385349	23	37	0.001734	54	50	0.003179	219	258	0.012717
18.84972	108	4.05511	4.14E+00	7.44E+02		28	1.29649598		111	5.13968		6	0.277821		7.5	0.000347276		37	0.001713		50	0.002315		258	0.011946
18.89972	111	3.904216	3.98E+00	7.16E+02		28	1.24765041		111	4.946043		6	0.267354		7.5	0.000334192		37	0.001649		50	0.002228		258	0.011496
18.94972	114	3.726255	3.82E+00	6.87E+02		28	1.19610131		111	4.741687		6	0.256307		7.5	0.000320384		37	0.001581		50	0.002136		258	0.011021
18.99972	117	3.496453	3.61E+00	6.50E+02		28	1.13218312		111	4.488297		6	0.242611		7.5	0.000303263		37	0.001496		50	0.002022		258	0.010432
19.04972	120	3.258202	3.38E+00	6.08E+02	36	35	1.05881428	118	142.5	4.197442	7	8	0.226889	5	5	0.000283611	51	53	0.001399	46	51.5	0.001891	297	258	0.009756
19.09972	123	3.026378	3.14E+00	5.66E+02		35	1.23141061		142.5	5.0136		8	0.281465		5	0.000175916		53	0.001865		51.5	0.001812		258	0.009077
19.14972	126	2.803652	2.92E+00	5.25E+02		35	1.14234536		142.5	4.650978		8	0.261108		5	0.000163192		53	0.00173		51.5	0.001681		258	0.008421
19.19972	129	2.596267	2.70E+00	4.86E+02		35	1.05806873		142.5	4.307851		8	0.241844		5	0.000151153		53	0.001602		51.5	0.001557		258	0.007799
19.24972	132	2.387272	2.49E+00	4.49E+02		35	0.97648257		142.5	3.975679		8	0.223196		5	0.000139498		53	0.001479		51.5	0.001437		258	0.007198
19.29972	135	2.178108	2.28E+00	4.11E+02	34	29.5	0.89454783	167	126.5	3.642088	9	8	0.204468	5	4	0.000127793	55	56.5	0.001355	57	60.5	0.001316	219	235.5	0.006594
19.34972	138	1.993049	2.09E+00	3.75E+02		29.5	0.68886979		126.5	2.953967		8	0.186812		4	9.34061E-05		56.5	0.001319		60.5	0.001413		235.5	0.005499
19.39972	141	1.83382	1.91E+00	3.44E+02		29.5	0.63201036		126.5	2.710146		8	0.171393		4	8.56963E-05		56.5	0.00121		60.5	0.001296		235.5	0.005045
19.44972	144	1.695989	1.76E+00	3.18E+02		29.5	0.58295068		126.5	2.499772		8	0.158088		4	7.90442E-05		56.5	0.001116		60.5	0.001196		235.5	0.004654
19.49972	147	1.576476	1.64E+00	2.95E+02		29.5	0.54045012		126.5	2.317523		8	0.146563		4	7.32814E-05		56.5	0.001035		60.5	0.001108		235.5	0.004314
19.54972	150	1.471619	1.52E+00	2.74E+02	25	27.5	0.50339524	86	107.5	2.158627	7	8	0.136514	3	3	6.8257E-05	58	59.5	0.000964	64	64.5	0.001032	252	277	0.004019
19.59972	153	1.37584	1.42E+00	2.56E+02		27.5	0.43837801		107.5	1.713659		8	0.127528		3	4.78231E-05		59.5	0.000948		64.5	0.001028		277	0.004416
19.64972	156	1.286824	1.33E+00	2.40E+02		27.5	0.40992806		107.5	1.602446		8	0.119252		3	4.47194E-05		59.5	0.000887		64.5	0.000961		277	0.004129
19.69972	159	1.203418	1.25E+00	2.24E+02		27.5	0.38338299		107.5	1.498679		8	0.11153		3	4.18236E-05		59.5	0.00083		64.5	0.000899		277	0.003862

Conduit CSO 1019

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
3.46E+04	3.70	76	367	17	0.01	0.13	0.18	0.63

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
19.74972	162	1.12434	1.16E+00	2.09E+02		27.5	0.35836791		107.5	1.400893		8	0.104252		3	3.90947E-05		59.5	0.000775		64.5	0.000841		277	0.00361
19.79972	165	1.047303	1.09E+00	1.95E+02	30	40.5	0.33433336	129	118	1.30694	9	9.5	0.097261	3	4	3.64727E-05	61	54	0.000723	65	64	0.000784	302	269	0.003368
19.84972	168	0.9436146	9.95E-01	1.79E+02		40.5	0.45140555		118	1.315206		9.5	0.105885		4	4.45833E-05		54	0.000602		64	0.000713		269	0.002998
19.89972	171	0.8168989	8.80E-01	1.58E+02		40.5	0.39916548		118	1.163001		9.5	0.093631		4	3.94238E-05		54	0.000532		64	0.000631		269	0.002651
19.94972	174	0.6758786	7.46E-01	1.34E+02		40.5	0.33846105		118	0.986133		9.5	0.079392		4	3.34283E-05		54	0.000451		64	0.000535		269	0.002248
19.99972	177	0.5635037	6.20E-01	1.12E+02		40.5	0.28100814		118	0.81874		9.5	0.065915		4	2.77539E-05		54	0.000375		64	0.000444		269	0.001866
20.04972	180	0.4676528	5.16E-01	9.28E+01	51	47	0.2337966	107	114	0.681185	10	9	0.054841	5	7	2.3091E-05	47	48	0.000312	63	102.5	0.000369	236	271	0.001553
20.09972	183	0.3805695	4.24E-01	7.63E+01		47	0.22318558		114	0.541344		9	0.042738		7	3.32404E-05		48	0.000228		102.5	0.000487		271	0.001287
20.14972	186	0.309423	3.45E-01	6.21E+01		47	0.18155191		114	0.44036		9	0.034765		7	2.70396E-05		48	0.000185		102.5	0.000396		271	0.001047
20.19972	189	0.2508734	2.80E-01	5.04E+01		47	0.14742607		114	0.357587		9	0.028231		7	2.19571E-05		48	0.000151		102.5	0.000322		271	0.00085
20.24972	192	0.201878	2.26E-01	4.07E+01		47	0.11912866		114	0.28895		9	0.022812		7	1.77426E-05		48	0.000122		102.5	0.00026		271	0.000687
20.29972	195	0.1606015	1.81E-01	3.26E+01		47	0.09537617		114	0.231338		9	0.018264	9	7	1.4205E-05	49	42	9.74E-05	142	140.5	0.000208	306	294	0.00055
20.34972	198	0.1258065	1.43E-01	2.58E+01		47	0.07536012		114	0.182788		9	0.014431		7	1.12238E-05		42	6.73E-05		140.5	0.000225		294	0.000471
20.39972	201	9.67E-02	1.11E-01	2.00E+01		47	0.0585337		114	0.141975		9	0.011209		7	8.71779E-06		42	5.23E-05		140.5	0.000175		294	0.000366
20.44972	204	7.24E-02	8.45E-02	1.52E+01		47	0.04448774		114	0.107906		9	0.008519		7	6.62583E-06		42	3.98E-05		140.5	0.000133		294	0.000278
20.49972	207	5.25E-02	6.25E-02	1.12E+01		47	0.03287692		114	0.079744		9	0.006296		7	4.89656E-06		42	2.94E-05		140.5	9.83E-05		294	0.000206
20.54972	210	3.68E-02	4.47E-02	8.04E+00		47	0.02350714		114	0.057017		9	0.004501		7	3.50106E-06		42	2.1E-05		140.5	7.03E-05		294	0.000147
20.59972	213	2.45E-02	3.07E-02	5.52E+00		47	0.0161441		114	0.039158		9	0.003091		7	2.40444E-06		42	1.44E-05		140.5	4.83E-05		294	0.000101
20.64972	216	1.50E-02	1.98E-02	3.56E+00		47	0.01041031		114	0.025251		9	0.001993		7	1.55047E-06		42	9.3E-06		140.5	3.11E-05		294	6.51E-05
20.69972	219	7.70E-03	1.14E-02	2.04E+00		47	0.00597838		114	0.014501		9	0.001145		7	8.90398E-07		42	5.34E-06		140.5	1.79E-05		294	3.74E-05
20.74972	222	2.22E-03	4.96E-03	8.92E-01		47	0.00260839		114	0.006327		9	0.000499		7	3.88483E-07		42	2.33E-06		140.5	7.8E-06		294	1.63E-05
	225		1.11E-03	1.99E-01		47	0.00058288		114	0.001414		9	0.000112	5	4	8.68123E-08	35	37.5	5.21E-07	139	120.5	1.74E-06	282	252.5	3.65E-06
	228		0.00E+00	0.00E+00		47	0		114	0		9	0		4	0		37.5	0		120.5	0		252.5	0
	231		0.00E+00	0.00E+00		47	0		114	0		9	0		4	0		37.5	0		120.5	0		252.5	0
	234		0.00E+00	0.00E+00		47	0		114	0		9	0		4	0		37.5	0		120.5	0		252.5	0
	237		0.00E+00	0.00E+00		47	0		114	0		9	0		4	0		37.5	0		120.5	0		252.5	0
	240		0.00E+00	0.00E+00	43		0	121		0	8		0	3		0	40		0	102		0	223		0

Conduit CSO 1027

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
1.69E+02	2.55	0.35	1.50	0.07	0.00	0.00	0.00	0.00

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
17.24972	0	2.38E-05			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
17.29972	3	1.83E-04	1.04E-04	1.86E-02		80	9.27727E-05		761.5	0.000883		36.5	4.23E-05		7.5	8.69744E-09		172.5	2E-07		283.5	3.28763E-07		639	7.41022E-07
17.34972	6	4.47E-04	3.15E-04	5.67E-02		80	0.000282248		761.5	0.002687		36.5	0.000129		7.5	2.64607E-08		172.5	6.09E-07		283.5	1.00022E-06		639	2.25446E-06
17.39972	9	8.02E-04	6.25E-04	1.12E-01		80	0.000559545		761.5	0.005326		36.5	0.000255		7.5	5.24573E-08		172.5	1.21E-06		283.5	1.98289E-06		639	4.46936E-06
17.44972	12	1.23E-03	8.40E-04	1.51E-01		80	0.000752542		761.5	0.007163		36.5	0.000343		7.5	7.05508E-08		172.5	1.62E-06		283.5	2.66682E-06		639	6.01093E-06
17.49972	15	1.74E-03	1.48E-03	2.67E-01	69	58	0.001329467	451	358.5	0.012655	24	17.5	0.000607	4	5.5	1.24638E-07	130	107	2.87E-06	198	147.5	4.7113E-06	446	410.5	1.06191E-05
17.54972	18	2.29E-03	2.01E-03	3.62E-01		58	0.001307694		358.5	0.008083		17.5	0.000395		5.5	1.24006E-07		107	2.41E-06		147.5	3.3256E-06		410.5	9.25532E-06
17.59972	21	2.92E-03	2.60E-03	4.69E-01		58	0.001691538		358.5	0.010455		17.5	0.00051		5.5	1.60404E-07		107	3.12E-06		147.5	4.30176E-06		410.5	1.1972E-05
17.64972	24	3.61E-03	3.27E-03	5.88E-01		58	0.00212081		358.5	0.013109		17.5	0.00064		5.5	2.01111E-07		107	3.91E-06		147.5	5.39344E-06		410.5	1.50102E-05
17.69972	27	4.36E-03	3.99E-03	7.18E-01		58	0.002590854		358.5	0.016014		17.5	0.000782		5.5	2.45684E-07		107	4.78E-06		147.5	6.58881E-06		410.5	1.8337E-05
17.74972	30	5.16E-03	4.76E-03	8.57E-01	47	42	0.003092719	266	238.5	0.019116	11	9.5	0.000933	7	5.5	2.93275E-07	84	69.5	5.71E-06	97	90.5	7.8651E-06	375	307	2.1889E-05
17.79972	33	5.98E-03	5.57E-03	1.00E+00		42	0.002619467		238.5	0.014875		9.5	0.000592		5.5	3.43025E-07		69.5	4.33E-06		90.5	5.64433E-06		307	1.91471E-05
17.84972	36	6.81E-03	6.40E-03	1.15E+00		42	0.003008091		238.5	0.017082		9.5	0.00068		5.5	3.93917E-07		69.5	4.98E-06		90.5	6.48172E-06		307	2.19877E-05
17.89972	39	7.60E-03	7.21E-03	1.30E+00		42	0.003388242		238.5	0.01924		9.5	0.000766		5.5	4.43698E-07		69.5	5.61E-06		90.5	7.30086E-06		307	2.47664E-05
17.94972	42	7.95E-03	7.77E-03	1.40E+00		42	0.003655195		238.5	0.020756		9.5	0.000827		5.5	4.78656E-07		69.5	6.05E-06		90.5	7.87607E-06		307	2.67177E-05
17.99972	45	7.95E-03	7.95E-03	1.43E+00	37	32	0.003737688	211	192.5	0.021225	8	7	0.000845	4	3.5	4.89459E-07	55	57	6.18E-06	84	101.5	8.05383E-06	239	258.5	2.73207E-05
18.04972	48	7.79E-03	7.87E-03	1.42E+00		32	0.002819347		192.5	0.01696		7	0.000617		3.5	3.08366E-07		57	5.02E-06		101.5	8.94262E-06		258.5	2.2775E-05
18.09972	51	7.67E-03	7.73E-03	1.39E+00		32	0.002770361		192.5	0.016665		7	0.000606		3.5	3.03008E-07		57	4.93E-06		101.5	8.78724E-06		258.5	2.23793E-05
18.14972	54	7.72E-03	7.70E-03	1.39E+00		32	0.002758093		192.5	0.016592		7	0.000603		3.5	3.01666E-07		57	4.91E-06		101.5	8.74833E-06		258.5	2.22802E-05
18.19972	57	8.89E-03	8.30E-03	1.49E+00		32	0.002975446		192.5	0.017899		7	0.000651		3.5	3.25439E-07		57	5.3E-06		101.5	9.43774E-06		258.5	2.4036E-05
18.24972	60	1.15E-02	1.02E-02	1.83E+00	27	32	0.003648494	174	166.5	0.021948	6	7	0.000798	3	2	3.99054E-07	59	70.5	6.5E-06	119	102	1.15726E-05	278	310	2.9473E-05
18.29972	63	1.60E-02	1.37E-02	2.47E+00		32	0.004914792		166.5	0.025572		7	0.001075		2	3.07174E-07		70.5	1.08E-05		102	1.56659E-05		310	4.7612E-05
18.34972	66	2.18E-02	1.89E-02	3.40E+00		32	0.006772413		166.5	0.035238		7	0.001481		2	4.23276E-07		70.5	1.49E-05		102	2.15871E-05		310	6.56078E-05
18.39972	69	2.88E-02	2.53E-02	4.56E+00		32	0.009070979		166.5	0.047197		7	0.001984		2	5.66936E-07		70.5	2E-05		102	2.89137E-05		310	8.78751E-05
18.44972	72	3.58E-02	3.23E-02	5.81E+00		32	0.011570369		166.5	0.060202		7	0.002531		2	7.23148E-07		70.5	2.55E-05		102	3.68806E-05		310	0.000112088
18.49972	75	4.23E-02	3.90E-02	7.03E+00	37	37.5	0.013990461	159	138	0.072794	8	7	0.00306	1	3.5	8.74404E-07	82	65.5	3.08E-05	85	81.5	4.45946E-05	342	325.5	0.000135533
18.54972	78	4.81E-02	4.52E-02	8.13E+00		37.5	0.018969567		138	0.069808		7	0.003541		3.5	1.77049E-06		65.5	3.31E-05		81.5	4.12272E-05		325.5	0.000164656
18.59972	81	5.13E-02	4.97E-02	8.94E+00		37.5	0.020865099		138	0.076784		7	0.003895		3.5	1.94741E-06		65.5	3.64E-05		81.5	4.53468E-05		325.5	0.000181109
18.64972	84	5.13E-02	5.13E-02	9.24E+00		37.5	0.02155007		138	0.079304		7	0.004023		3.5	2.01134E-06		65.5	3.76E-05		81.5	4.68355E-05		325.5	0.000187055
18.69972	87	5.06E-02	5.09E-02	9.17E+00		37.5	0.021387906		138	0.078707		7	0.003992		3.5	1.9962E-06		65.5	3.74E-05		81.5	4.6483E-05		325.5	0.000185647
18.74972	90	5.04E-02	5.05E-02	9.08E+00	38	29	0.021186513	117	110.5	0.077966	6	5.5	0.003955	6	8	1.97741E-06	49	36	3.7E-05	78	66	4.60454E-05	309	264	0.000183899
18.79972	93	5.11E-02	5.07E-02	9.13E+00		29	0.016466312		110.5	0.062742		5.5	0.003123		8	4.54243E-06		36	2.04E-05		66	3.74751E-05		264	0.0001499
18.84972	96	5.27E-02	5.19E-02	9.34E+00		29	0.016841217		110.5	0.064171		5.5	0.003194		8	4.64585E-06		36	2.09E-05		66	3.83283E-05		264	0.000153313
18.89972	99	5.42E-02	5.34E-02	9.61E+00		29	0.017343585		110.5	0.066085		5.5	0.003289		8	4.78444E-06		36	2.15E-05		66	3.94716E-05		264	0.000157886
18.94972	102	4.92E-02	5.17E-02	9.31E+00		29	0.016786185		110.5	0.063961		5.5	0.003184		8	4.63067E-06		36	2.08E-05		66	3.8203E-05		264	0.000152812
18.99972	105	4.06E-02	4.49E-02	8.09E+00	20	28	0.014588305	104	111	0.055586	5	6	0.002767	10	7.5	4.02436E-06	23	37	1.81E-05	54	50	3.3201E-05	219	258	0.000132804
19.04972	108	3.29E-02	3.68E-02	6.62E+00		28	0.011528042		111	0.0457		6	0.00247		7.5	3.08787E-06		37	1.52E-05		50	2.05858E-05		258	0.000106223
19.09972	111	2.74E-02	3.02E-02	5.43E+00		28	0.00945987		111	0.037502		6	0.002027		7.5	2.53389E-06		37	1.25E-05		50	1.68926E-05		258	8.71659E-05
19.14972	114	2.34E-02	2.54E-02	4.57E+00		28	0.00796826		111	0.031588		6	0.001707		7.5	2.13436E-06		37	1.05E-05		50	1.4229E-05		258	7.34218E-05
19.19972	117	2.03E-02	2.19E-02	3.94E+00		28	0.006855153		111	0.027176		6	0.001469		7.5	1.8362E-06		37	9.06E-06		50	1.22413E-05		258	6.31653E-05
19.24972	120	1.77E-02	1.90E-02	3.42E+00	36	35	0.00595669	118	142.5	0.023614	7	8	0.001276	5	5	1.59554E-06	51	53	7.87E-06	46	51.5	1.06369E-05	297	258	5.48866E-05
19.29972	123	1.52E-02	1.65E-02	2.96E+00		35	0.006447742		142.5	0.026252		8	0.001474		5	9.21106E-07		53	9.76E-06		51.5	9.48739E-06		258	4.75291E-05
19.34972	126	1.29E-02	1.41E-02	2.53E+00		35	0.005517014		142.5	0.022462		8	0.001261		5	7.88145E-07		53	8.35E-06		51.5	8.11789E-06		258	4.06683E-05
19.39972	129	1.07E-02	1.18E-02	2.13E+00		35	0.004639971		142.5	0.018891		8	0.001061		5	6.62853E-07		53	7.03E-06		51.5	6.82739E-06		258	3.42032E-05
19.44972	132	8.74E-03	9.75E-03	1.75E+00		35	0.003819177		142.5	0.01555		8	0.000873		5	5.45597E-07		53	5.78E-06		51.5	5.61965E-06		258	2.81528E-05
19.49972	135	6.92E-03	7.83E-03	1.41E+00	34	29.5	0.003068007	167	126.5	0.012491	9	8	0.000701	5	4	4.38287E-07	55	56.5	4.65E-06	57	60.5	4.51435E-06	219	235.5	2.26156E-05
19.54972	138	5.33E-03	6.12E-03	1.10E+00		29.5	0.00202228		126.5	0.008672		8	0.000548		4	2.74208E-07		56.5	3.87E-06		60.5	4.14739E-06		235.5	1.6144E-05
19.59972	141	3.97E-03	4.65E-03	8.37E-01		29.5	0.00153628		126.5	0.006588		8	0.000417		4	2.08309E-07		56.5	2.94E-06		60.5	3.15068E-06		235.5	1.22642E-05
19.64972	144	2.81E-03	3.39E-03	6.10E-01		29.5	0.001119569		126.5	0.004801		8	0.000304		4	1.51806E-07		56.5	2.14E-06		60.5	2.29606E-06		235.5	8.93757E-06
19.69972	147	1.82E-03	2.31E-03	4.16E-01		29.5	0.000764183		126.5	0.003277		8	0.000207		4	1.03618E-07		56.5	1.46E-06		60.5	1.56722E-06		235.5	6.10051E-06
19.74972	150	1.01E-03	1.42E-03	2.55E-01	25	25	0.000468084	86	86	0.002007	7	7	0.000127	3	3	6.3469E-08	58	58	8.96E-07	64	64	9.59968E-07	252	252	3.73673E-06
19.79972	153	3.77E-04	6.95E-04	1.25E-01		25	0.00019445		86	0.000669		7	5.44E-05		3	2.3334E-08		58	4.51E-07		64	4.97791E-07		252	1.96005E-06
	156		1.88E-04	3.39E-02		25	5.27239E-05		86	0.000181		7	1.48E-05		3	6.32687E-09		58	1.22E-07		64	1.34973E-07		252	5.31457E-07
	159		0.00E+00	0.00E+00		25	0		86	0		7	0		3	0		58	0		64	0		252	0	

Conduit CSO 1029

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
1.76E+03	2.70	3.70	16.85	0.79	0.00	0.01	0.01	0.03

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc mg/l	SS Mean Conc.	SS Discharg lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharg lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc ug/l	Cu Mean Conc.	Cu Discharg lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
17.34972	0	1.05E-03			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
17.39972	3	5.49E-03	3.27E-03	5.89E-01		80	0.00293		761.5	0.02789		36.5	0.00134		7.5	2.74722E-07		172.5	6.3E-06		283.5	1.0385E-05		639	2.3E-05
17.44972	6	1.12E-02	8.35E-03	1.50E+00		80	0.00748		761.5	0.0712		36.5	0.00341		7.5	7.01258E-07		172.5	1.6E-05		283.5	2.6508E-05		639	6E-05
17.49972	9	1.80E-02	1.46E-02	2.63E+00		80	0.013074		761.5	0.12444		36.5	0.00596		7.5	1.22564E-06		172.5	2.8E-05		283.5	4.6329E-05		639	0.0001
17.54972	12	2.57E-02	1.84E-02	3.32E+00		80	0.016517		761.5	0.15722		36.5	0.00754		7.5	1.54845E-06		172.5	3.6E-05		283.5	5.8531E-05		639	0.00013
17.59972	15	3.39E-02	2.98E-02	5.36E+00	69	58	0.02669	451	358.5	0.25405	24	17.5	0.01218	4	5.5	2.50215E-06	130	107	5.8E-05	198	147.5	9.4581E-05	446	410.5	0.00021
17.64972	18	4.26E-02	3.83E-02	6.89E+00		58	0.024847		358.5	0.15358		17.5	0.0075		5.5	2.35621E-06		107	4.6E-05		147.5	6.3189E-05		410.5	0.00018
17.69972	21	5.12E-02	4.69E-02	8.44E+00		58	0.030445		358.5	0.18818		17.5	0.00919		5.5	2.88701E-06		107	5.6E-05		147.5	7.7424E-05		410.5	0.00022
17.74972	24	5.95E-02	5.53E-02	9.96E+00		58	0.035921		358.5	0.22203		17.5	0.01084		5.5	3.40626E-06		107	6.6E-05		147.5	9.135E-05		410.5	0.00025
17.79972	27	6.73E-02	6.34E-02	1.14E+01		58	0.041156		358.5	0.25439		17.5	0.01242		5.5	3.90272E-06		107	7.6E-05		147.5	0.00010466		410.5	0.00029
17.84972	30	7.44E-02	7.09E-02	1.28E+01	47	42	0.046016	266	238.5	0.28443	11	9.5	0.01388	7	5.5	4.3636E-06	84	69.5	8.5E-05	97	90.5	0.00011702	375	307	0.00033
17.89972	33	8.08E-02	7.76E-02	1.40E+01		42	0.036499		238.5	0.20726		9.5	0.00826		5.5	4.77965E-06		69.5	6E-05		90.5	7.8647E-05		307	0.00027
17.94972	36	8.53E-02	8.31E-02	1.50E+01		42	0.039062		238.5	0.22182		9.5	0.00884		5.5	5.11523E-06		69.5	6.5E-05		90.5	8.4169E-05		307	0.00029
17.99972	39	8.99E-02	8.76E-02	1.58E+01		42	0.0412		238.5	0.23396		9.5	0.00932		5.5	5.39519E-06		69.5	6.8E-05		90.5	8.8775E-05		307	0.0003
18.04972	42	9.72E-02	9.36E-02	1.68E+01		42	0.043999		238.5	0.24985		9.5	0.00995		5.5	5.76177E-06		69.5	7.3E-05		90.5	9.4807E-05		307	0.00032
18.09972	45	0.109015	1.03E-01	1.86E+01	37	32	0.048495	211	192.5	0.27538	8	7	0.01097	4	3.5	6.3505E-06	55	57	8E-05	84	101.5	0.00010449	239	258.5	0.00035
18.14972	48	0.125953	1.17E-01	2.11E+01		32	0.042094		192.5	0.25322		7	0.00921		3.5	4.60399E-06		57	7.5E-05		101.5	0.00013352		258.5	0.00034
18.19972	51	0.150295	1.38E-01	2.49E+01		32	0.049489		192.5	0.29771		7	0.01083		3.5	5.41284E-06		57	8.8E-05		101.5	0.00015697		258.5	0.0004
18.24972	54	0.179998	1.65E-01	2.97E+01		32	0.059171		192.5	0.35595		7	0.01294		3.5	6.47181E-06		57	0.00011		101.5	0.00018768		258.5	0.00048
18.29972	57	0.213958	1.97E-01	3.55E+01		32	0.070576		192.5	0.42456		7	0.01544		3.5	7.71924E-06		57	0.00013		101.5	0.00022386		258.5	0.00057
18.34972	60	0.251484	2.33E-01	4.19E+01	27	32	0.083382	174	166.5	0.5016	6	7	0.01824	3	2	9.11995E-06	59	70.5	0.00015	119	102	0.00026448	278	310	0.00067
18.39972	63	0.291484	2.71E-01	4.89E+01		32	0.097271		166.5	0.50611		7	0.02128		2	6.07943E-06		70.5	0.00021		102	0.00031005		310	0.00094
18.44972	66	0.329305	3.10E-01	5.59E+01		32	0.111212		166.5	0.57865		7	0.02433		2	6.95077E-06		70.5	0.00025		102	0.00035449		310	0.00108
18.49972	69	0.363355	3.46E-01	6.23E+01		32	0.124088		166.5	0.64564		7	0.02714		2	7.75549E-06		70.5	0.00027		102	0.00039553		310	0.0012
18.54972	72	0.398366	3.81E-01	6.86E+01		32	0.13646		166.5	0.71002		7	0.02985		2	8.52873E-06		70.5	0.0003		102	0.00043497		310	0.00132
18.59972	75	0.428804	4.14E-01	7.44E+01	37	37.5	0.148185	159	138	0.77102	8	7	0.03242	1	3.5	9.26154E-06	82	65.5	0.00033	85	81.5	0.00047234	342	325.5	0.00144
18.64972	78	0.451465	4.40E-01	7.92E+01		37.5	0.184801		138	0.68007		7	0.0345		3.5	1.72481E-05		65.5	0.00032		81.5	0.00040163		325.5	0.0016
18.69972	81	0.467553	4.60E-01	8.27E+01		37.5	0.192936		138	0.71		7	0.03601		3.5	1.80074E-05		65.5	0.00034		81.5	0.00041931		325.5	0.00167
18.74972	84	0.477547	4.73E-01	8.51E+01		37.5	0.198412		138	0.73016		7	0.03704		3.5	1.85184E-05		65.5	0.00035		81.5	0.00043122		325.5	0.00172
18.79972	87	0.482575	4.80E-01	8.64E+01		37.5	0.201566		138	0.74176		7	0.03763		3.5	1.88128E-05		65.5	0.00035		81.5	0.00043807		325.5	0.00175
18.84972	90	0.483645	4.83E-01	8.70E+01	38	29	0.202846	117	110.5	0.74647	6	5.5	0.03786	6	8	1.89323E-05	49	36	0.00035	78	66	0.00044085	309	264	0.00176
18.89972	93	0.479565	4.82E-01	8.67E+01		29	0.156379		110.5	0.59586		5.5	0.02966		8	4.3139E-05		36	0.00019		66	0.0003559		264	0.00142
18.94972	96	0.458777	4.69E-01	8.45E+01		29	0.152341		110.5	0.58047		5.5	0.02889		8	4.20252E-05		36	0.00019		66	0.00034671		264	0.00139
18.99972	99	0.428008	4.43E-01	7.98E+01		29	0.143971		110.5	0.54858		5.5	0.0273		8	3.97161E-05		36	0.00018		66	0.00032766		264	0.00131
19.04972	102	0.388317	4.08E-01	7.35E+01		29	0.132532		110.5	0.50499		5.5	0.02514		8	3.65605E-05		36	0.00016		66	0.00030162		264	0.00121
19.09972	105	0.345878	3.67E-01	6.61E+01	20	28	0.119198	104	111	0.45418	5	6	0.02261	10	7.5	3.28822E-05	23	37	0.00015	54	50	0.00027128	219	258	0.00109
19.14972	108	0.302734	3.24E-01	5.84E+01		28	0.101672		111	0.40306		6	0.02179		7.5	2.72336E-05		37	0.00013		50	0.00018156		258	0.00094
19.19972	111	0.255297	2.79E-01	5.02E+01		28	0.087473		111	0.34677		6	0.01874		7.5	2.34303E-05		37	0.00012		50	0.0001562		258	0.00081
19.24972	114	0.216244	2.36E-01	4.24E+01		28	0.073916		111	0.29302		6	0.01584		7.5	1.97988E-05		37	9.8E-05		50	0.00013199		258	0.00068
19.29972	117	0.183073	2.00E-01	3.59E+01		28	0.062594		111	0.24814		6	0.01341		7.5	1.67663E-05		37	8.3E-05		50	0.00011178		258	0.00058
19.34972	120	0.154655	1.69E-01	3.04E+01	36	35	0.05294	118	142.5	0.20987	7	8	0.01134	5	5	1.41803E-05	51	53	7E-05	46	51.5	9.4535E-05	297	258	0.00049
19.39972	123	0.129912	1.42E-01	2.56E+01		35	0.055759		142.5	0.22702		8	0.01274		5	7.9655E-06		53	8.4E-05		51.5	8.2045E-05		258	0.00041
19.44972	126	0.108196	1.19E-01	2.14E+01		35	0.046655		142.5	0.18995		8	0.01066		5	6.66503E-06		53	7.1E-05		51.5	6.865E-05		258	0.00034
19.49972	129	8.90E-02	9.86E-02	1.77E+01		35	0.038636		142.5	0.1573		8	0.00883		5	5.51939E-06		53	5.9E-05		51.5	5.685E-05		258	0.00028
19.54972	132	7.25E-02	8.07E-02	1.45E+01		35	0.031637		142.5	0.12881		8	0.00723		5	4.51962E-06		53	4.8E-05		51.5	4.6552E-05		258	0.00023
19.59972	135	5.87E-02	6.56E-02	1.18E+01	34	29.5	0.025695	167	126.5	0.10461	9	8	0.00587	5	4	3.6707E-06	55	56.5	3.9E-05	57	60.5	3.7808E-05	219	235.5	0.00019
19.64972	138	4.69E-02	5.28E-02	9.50E+00		29.5	0.017433		126.5	0.07475		8	0.00473		4	2.36377E-06		56.5	3.3E-05		60.5	3.5752E-05		235.5	0.00014
19.69972	141	3.69E-02	4.19E-02	7.54E+00		29.5	0.013834		126.5	0.05932		8	0.00375		4	1.8758E-06		56.5	2.6E-05		60.5	2.8371E-05		235.5	0.00011
19.74972	144	2.84E-02	3.26E-02	5.87E+00		29.5	0.01078		126.5	0.04623		8	0.00292		4	1.46168E-06		56.5	2.1E-05		60.5	2.2108E-05		235.5	8.6E-05
19.79972	147	2.14E-02	2.49E-02	4.48E+00		29.5	0.008218		126.5	0.03524		8	0.00223		4	1.11436E-06		56.5	1.6E-05		60.5	1.6855E-05		235.5	6.6E-05
19.84972	150	1.55E-02	1.84E-02	3.32E+00	25	27.5	0.006089	86	107.5	0.02611	7	8	0.00165	3	3	8.25567E-07	58	59.5	1.2E-05	64	64.5	1.2487E-05	252	277	4.9E-05
19.89972	153	1.08E-02	1.32E-02	2.37E+00		27.5	0.004057		107.5	0.01586		8	0.00118		3	4.42564E-07		59.5	8.8E-06		64.5	9.5151E-06		277	4.1E-05
19.94972	156	7.05E-03	8.95E-03	1.61E+00		27.5	0.002754		107.5	0.01077		8	0.0008		3	3.00479E-07		59.5	6E-06		64.5	6.4603E-06		277	2.8E-05
19.99972	159	4.09E-03	5.57E-03	1.00E+00		27.5	0.001715		107.5	0.0067		8	0.0005		3	1.87061E-07		59.5	3.7E-06		64.5	4.0218E-06		277	1.7E-05
20.04972	162	1.59E-03	2.84E-03	5.11E-01		27.5	0.000875		107.5	0.00342		8	0.00025		3	9.54002E-08		59.5	1.9E-06		64.5	2.0511E-06		277	8.8E-06
	165		7.97E-04	1.43E-01	30	30	0.000245	129	129	0.00096	9	9	7.1E-05	3	3	2.67633E-08	61	61	5.3E-07	65	65	5.7541E-07	302	302	2.5E-06
	168		0.00E+00	0.00E+00		30	0		129	0		9	0		3	0		61	0		65	0		302	0	

Conduit CSO 1031

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.69E+03	2.25	6.52	36.27	1.58	0.00	0.01	0.02	0.05

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharg lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharg lbs.	Cd Conc ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharg lbs.	Pb Conc ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
17.14972	0	3.04E-03			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
17.19972	3	1.37E-02	8.35E-03	1.50E+00		80	0.007482		761.5	0.07122		36.5	0.00341		7.5	7.01429E-07		172.5	1.6E-05		283.5	2.6514E-05		639	6E-05
17.24972	6	3.54E-02	2.45E-02	4.42E+00		80	0.021982		761.5	0.20924		36.5	0.01003		7.5	2.06081E-06		172.5	4.7E-05		283.5	7.7898E-05		639	0.00018
17.29972	9	7.15E-02	5.35E-02	9.63E+00		80	0.047897		761.5	0.45592		36.5	0.02185		7.5	4.49037E-06		172.5	0.0001		283.5	0.00016974		639	0.00038
17.34972	12	0.1232975	7.94E-02	1.43E+01		80	0.071083		761.5	0.67662		36.5	0.03243		7.5	6.66401E-06		172.5	0.00015		283.5	0.0002519		639	0.00057
17.39972	15	0.2062755	1.65E-01	2.97E+01	69	58	0.147605	451	358.5	1.40501	24	17.5	0.06734	4	5.5	1.38379E-05	130	107	0.00032	198	147.5	0.00052307	446	410.5	0.00118
17.44972	18	0.3170892	2.62E-01	4.71E+01		58	0.169938		358.5	1.05039		17.5	0.05127		5.5	1.61148E-05		107	0.00031		147.5	0.00043217		410.5	0.0012
17.49972	21	0.3844257	3.51E-01	6.31E+01		58	0.227784		358.5	1.40794		17.5	0.06873		5.5	2.16002E-05		107	0.00042		147.5	0.00057928		410.5	0.00161
17.54972	24	0.4442048	4.14E-01	7.46E+01		58	0.269059		358.5	1.66306		17.5	0.08118		5.5	2.55142E-05		107	0.0005		147.5	0.00068424		410.5	0.0019
17.59972	27	0.4988293	4.72E-01	8.49E+01		58	0.306206		358.5	1.89267		17.5	0.09239		5.5	2.90368E-05		107	0.00056		147.5	0.00077871		410.5	0.00217
17.64972	30	0.5479555	5.23E-01	9.42E+01	47	42	0.339894	266	238.5	2.1009	11	9.5	0.10255	7	5.5	3.22314E-05	84	69.5	0.00063	97	90.5	0.00086439	375	307	0.00241
17.69972	33	0.5906416	5.69E-01	1.02E+02		42	0.267718		238.5	1.52026		9.5	0.06056		5.5	3.50583E-05		69.5	0.00044		90.5	0.00057687		307	0.00196
17.74972	36	0.6259253	6.08E-01	1.09E+02		42	0.286051		238.5	1.62436		9.5	0.0647		5.5	3.74591E-05		69.5	0.00047		90.5	0.00061637		307	0.00209
17.79972	39	0.6537824	6.40E-01	1.15E+02		42	0.300898		238.5	1.70867		9.5	0.06806		5.5	3.94033E-05		69.5	0.0005		90.5	0.00064836		307	0.0022
17.84972	42	0.6749042	6.64E-01	1.20E+02		42	0.312414		238.5	1.77406		9.5	0.07067		5.5	4.09114E-05		69.5	0.00052		90.5	0.00067318		307	0.00228
17.89972	45	0.6902979	6.83E-01	1.23E+02	37	32	0.321	211	192.5	1.82282	8	7	0.07261	4	3.5	4.20357E-05	55	57	0.00053	84	101.5	0.00069168	239	258.5	0.00235
17.94972	48	0.6970878	6.94E-01	1.25E+02		32	0.248545		192.5	1.49516		7	0.05437		3.5	2.71847E-05		57	0.00044		101.5	0.00078836		258.5	0.00201
17.99972	51	0.688364	6.93E-01	1.25E+02		32	0.248199		192.5	1.49307		7	0.05429		3.5	2.71468E-05		57	0.00044		101.5	0.00078726		258.5	0.002
18.04972	54	0.6661044	6.77E-01	1.22E+02		32	0.242648		192.5	1.45968		7	0.05308		3.5	2.65397E-05		57	0.00043		101.5	0.00076965		258.5	0.00196
18.09972	57	0.6327727	6.49E-01	1.17E+02		32	0.232689		192.5	1.39977		7	0.0509		3.5	2.54504E-05		57	0.00041		101.5	0.00073806		258.5	0.00188
18.14972	60	0.5941752	6.13E-01	1.10E+02	27	32	0.219804	174	166.5	1.32226	6	7	0.04808	3	2	2.4041E-05	59	70.5	0.00039	119	102	0.00069719	278	310	0.00178
18.19972	63	0.5555483	5.75E-01	1.03E+02		32	0.205969		166.5	1.07168		7	0.04506		2	1.28731E-05		70.5	0.00045		102	0.00065653		310	0.002
18.24972	66	0.5202223	5.38E-01	9.68E+01		32	0.192721		166.5	1.00275		7	0.04216		2	1.2045E-05		70.5	0.00042		102	0.0006143		310	0.00187
18.29972	69	0.4873	5.04E-01	9.07E+01		32	0.180494		166.5	0.93913		7	0.03948		2	1.12809E-05		70.5	0.0004		102	0.00057533		310	0.00175
18.34972	72	0.4548886	4.71E-01	8.48E+01		32	0.16879		166.5	0.87823		7	0.03692		2	1.05494E-05		70.5	0.00037		102	0.00053802		310	0.00164
18.39972	75	0.4234874	4.39E-01	7.91E+01	37	37.5	0.157358	159	138	0.81875	8	7	0.03442	1	3.5	9.83488E-06	82	65.5	0.00035	85	81.5	0.00050158	342	325.5	0.00152
18.44972	78	0.3935763	4.09E-01	7.35E+01		37.5	0.171532		138	0.63124		7	0.03202		3.5	1.60097E-05		65.5	0.0003		81.5	0.0003728		325.5	0.00149
18.49972	81	0.3659835	3.80E-01	6.84E+01		37.5	0.15946		138	0.58681		7	0.02977		3.5	1.48829E-05		65.5	0.00028		81.5	0.00034656		325.5	0.00138
18.54972	84	0.3415251	3.54E-01	6.37E+01		37.5	0.148533		138	0.5466		7	0.02773		3.5	1.3863E-05		65.5	0.00026		81.5	0.00032281		325.5	0.00129
18.59972	87	0.3200449	3.31E-01	5.95E+01		37.5	0.138888		138	0.51111		7	0.02593		3.5	1.29629E-05		65.5	0.00024		81.5	0.00030185		325.5	0.00121
18.64972	90	0.2928269	3.06E-01	5.52E+01	38	29	0.128665	117	110.5	0.47349	6	5.5	0.02402	6	8	1.20087E-05	49	36	0.00022	78	66	0.00027963	309	264	0.00112
18.69972	93	0.2606634	2.77E-01	4.98E+01		29	0.08986		110.5	0.3424		5.5	0.01704		8	2.4789E-05		36	0.00011		66	0.00020451		264	0.00082
18.74972	96	0.2306297	2.46E-01	4.42E+01		29	0.079762		110.5	0.30392		5.5	0.01513		8	2.20034E-05		36	9.9E-05		66	0.00018153		264	0.00073
18.79972	99	0.2030378	2.17E-01	3.90E+01		29	0.070407		110.5	0.26827		5.5	0.01335		8	1.94225E-05		36	8.7E-05		66	0.00016024		264	0.00064
18.84972	102	0.1782324	1.91E-01	3.43E+01		29	0.0619		110.5	0.23586		5.5	0.01174		8	1.70758E-05		36	7.7E-05		66	0.00014088		264	0.00056
18.89972	105	0.1565835	1.67E-01	3.01E+01	20	28	0.054358	104	111	0.20712	5	6	0.01031	10	7.5	1.49953E-05	23	37	6.7E-05	54	50	0.00012371	219	258	0.00049
18.94972	108	0.1412546	1.49E-01	2.68E+01		28	0.046687		111	0.18508		6	0.01		7.5	1.25055E-05		37	6.2E-05		50	8.337E-05		258	0.00043
18.99972	111	0.1237018	1.32E-01	2.38E+01		28	0.041533		111	0.16465		6	0.0089		7.5	1.11249E-05		37	5.5E-05		50	7.4166E-05		258	0.00038
19.04972	114	0.1027814	1.13E-01	2.04E+01		28	0.035502		111	0.14074		6	0.00761		7.5	9.50946E-06		37	4.7E-05		50	6.3396E-05		258	0.00033
19.09972	117	8.10E-02	9.19E-02	1.65E+01		28	0.028816		111	0.11423		6	0.00617		7.5	7.71853E-06		37	3.8E-05		50	5.1457E-05		258	0.00027
19.14972	120	6.10E-02	7.10E-02	1.28E+01	36	35	0.022261	118	142.5	0.08825	7	8	0.00477	5	5	5.96278E-06	51	53	2.9E-05	46	51.5	3.9752E-05	297	258	0.00021
19.19972	123	4.36E-02	5.23E-02	9.41E+00		35	0.020484		142.5	0.0834		8	0.00468		5	2.92624E-06		53	3.1E-05		51.5	3.014E-05		258	0.00015
19.24972	126	2.91E-02	3.63E-02	6.54E+00		35	0.014237		142.5	0.05796		8	0.00325		5	2.03379E-06		53	2.2E-05		51.5	2.0948E-05		258	0.0001
19.29972	129	1.62E-02	2.27E-02	4.08E+00		35	0.008877		142.5	0.03614		8	0.00203		5	1.26818E-06		53	1.3E-05		51.5	1.3062E-05		258	6.5E-05
19.34972	132	7.23E-03	1.17E-02	2.11E+00		35	0.004595		142.5	0.01871		8	0.00105		5	6.56462E-07		53	7E-06		51.5	6.7616E-06		258	3.4E-05
19.39972	135	1.70E-03	4.46E-03	8.03E-01	34	34	0.001749	167	167	0.00712	9	9	0.0004	5	5	2.49844E-07	55	55	2.6E-06	57	57	2.5734E-06	219	219	1.3E-05
	138		8.48E-04	1.53E-01		34	0.000323		167	0.00159		9	8.5E-05		5	4.74956E-08		55	5.2E-07		57	5.4145E-07		219	2.1E-06
	141		0.00E+00	0.00E+00		34	0		167	0		9	0		5	0		55	0		57	0		219	0

Conduit CSO 1033

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
1.47E+00	0.60	0.01	0.04	0.00	0.00	0.00	0.00	0.00

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
18.94972	0	4.72E-05			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
18.99972	3	2.22E-04	1.35E-04	2.43E-02		80	0.000121		761.5	0.001149		36.5	5.51E-05		7.5	1.13176E-08		172.5	2.60306E-07		283.5	4.27807E-07		639	9.64263E-07
19.04972	6	4.33E-04	3.28E-04	5.90E-02		80	0.000294		761.5	0.002796		36.5	0.000134		7.5	2.75341E-08		172.5	6.33284E-07		283.5	1.04079E-06		639	2.3459E-06
19.09972	9	6.53E-04	5.43E-04	9.78E-02		80	0.000486		761.5	0.00463		36.5	0.000222		7.5	4.56044E-08		172.5	1.0489E-06		283.5	1.72385E-06		639	3.88549E-06
19.14972	12	8.46E-04	6.40E-04	1.15E-01		80	0.000573		761.5	0.005455		36.5	0.000261		7.5	5.37237E-08		172.5	1.23565E-06		283.5	2.03076E-06		639	4.57726E-06
19.19972	15	9.93E-04	9.19E-04	1.65E-01	69	58	0.000824	451	358.5	0.007839	24	17.5	0.000376	4	5.5	7.72032E-08	130	107	1.77567E-06	198	147.5	2.91828E-06	446	410.5	6.57771E-06
19.24972	18	1.07E-03	1.03E-03	1.85E-01		58	0.000669		358.5	0.004133		17.5	0.000202		5.5	6.3401E-08		107	1.23344E-06		147.5	1.7003E-06		410.5	4.73202E-06
19.29972	21	1.06E-03	1.07E-03	1.92E-01		58	0.000692		358.5	0.004275		17.5	0.000209		5.5	6.55893E-08		107	1.27601E-06		147.5	1.75899E-06		410.5	4.89535E-06
19.34972	24	9.84E-04	1.02E-03	1.84E-01		58	0.000665		358.5	0.00411		17.5	0.000201		5.5	6.30574E-08		107	1.22675E-06		147.5	1.69109E-06		410.5	4.70638E-06
19.39972	27	8.32E-04	9.08E-04	1.63E-01		58	0.00059		358.5	0.003645		17.5	0.000178		5.5	5.59218E-08		107	1.08793E-06		147.5	1.49972E-06		410.5	4.1738E-06
19.44972	30	6.27E-04	7.30E-04	1.31E-01	47	47	0.000474	266	266	0.002928	11	11	0.000143	7	7	4.49274E-08	84	84	8.74043E-07	97	97	1.20487E-06	375	375	3.35322E-06
19.49972	33	3.91E-04	5.09E-04	9.17E-02		47	0.000268		266	0.001517		11	6.27E-05		7	3.99136E-08		84	4.78963E-07		97	5.53089E-07		375	2.13823E-06
19.54972	36	1.55E-04	2.73E-04	4.92E-02		47	0.000144		266	0.000814		11	3.37E-05		7	2.14229E-08		84	2.57075E-07		97	2.9686E-07		375	1.14766E-06
	39		7.77E-05	1.40E-02		47	4.09E-05		266	0.000231		11	9.57E-06		7	6.08761E-09		84	7.30513E-08		97	8.43569E-08		375	3.26122E-07

LACASTER SEWER SYSTEM
SWMM COMPUTER MODEL

STORM SIMULATION 2

Conduit CSO 1005

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
7.07E+04	11.27	199.53	425.36	39.62	0.02	0.17	0.40	1.06

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
18.46639	0	3.42E-03			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
18.53306	4	1.77E-02	1.06E-02	2.54E+00		80	0.01262		761.5	0.120127		36.5	0.005758		7.5	1.18313E-06		172.5	2.72119E-05		283.5	4.47222E-05		639	0.000101
18.59972	8	4.72E-02	3.25E-02	7.79E+00		80	0.0387807		761.5	0.369144		36.5	0.017694		7.5	3.63569E-06		172.5	8.36208E-05		283.5	0.000137429		639	0.00031
18.66639	12	8.74E-02	6.73E-02	1.61E+01		80	0.0803633		761.5	0.764958		36.5	0.036666		7.5	7.53406E-06		172.5	0.00017383		283.5	0.000284787		639	0.000642
18.73306	16	0.137119	1.12E-01	2.69E+01	69	58	0.1340431	451	358.5	1.275923	24	17.5	0.061157	4	5.5	1.25665E-05	130	107	0.000289031	198	147.5	0.000475015	446	410.5	0.001071
18.79972	20	0.1967699	1.67E-01	4.01E+01		58	0.1445531		358.5	0.893487		17.5	0.043615		5.5	1.37076E-05		107	0.000266675		147.5	0.000367613		410.5	0.001023
18.86639	24	0.2665855	2.32E-01	5.56E+01		58	0.200604		358.5	1.23994		17.5	0.060527		5.5	1.90228E-05		107	0.00037008		147.5	0.000510157		410.5	0.00142
18.93306	28	0.3438472	3.05E-01	7.33E+01	47	42	0.2642793	266	238.5	1.633519	11	9.5	0.079739	7	5.5	2.5061E-05	84	69.5	0.00048755	97	90.5	0.00067209	375	307	0.00187
18.99972	32	0.4310187	3.87E-01	9.30E+01		42	0.2429255		238.5	1.37947		9.5	0.054947		5.5	3.18117E-05		69.5	0.000401984		90.5	0.000523447		307	0.001776
19.06639	36	0.5242692	4.78E-01	1.15E+02		42	0.299489		238.5	1.70067		9.5	0.067742		5.5	3.92188E-05		69.5	0.000495583		90.5	0.000645328		307	0.002189
19.13305	40	0.624588	5.74E-01	1.38E+02		42	0.3601743		238.5	2.045275		9.5	0.081468		5.5	4.71657E-05		69.5	0.000596003		90.5	0.00077609		307	0.002633
19.19972	44	0.7310131	6.78E-01	1.63E+02	37	32	0.4249898	211	192.5	2.413335	8	7	0.096129	4	3.5	5.56534E-05	55	57	0.000703257	84	101.5	0.000915752	239	258.5	0.003106
19.26639	48	0.842473	7.87E-01	1.89E+02		32	0.3758462		192.5	2.26095		7	0.082216		3.5	4.11082E-05		57	0.000669476		101.5	0.001192137		258.5	0.003036
19.33306	52	0.9595546	9.01E-01	2.16E+02		32	0.4304362		192.5	2.589342		7	0.094158		3.5	4.7079E-05		57	0.000786714		101.5	0.00136529		258.5	0.003477
19.39972	56	1.077729	1.02E+00	2.44E+02		32	0.4866299		192.5	2.927383		7	0.10645		3.5	5.32251E-05		57	0.00086681		101.5	0.001543529		258.5	0.003931
19.46639	60	1.196188	1.14E+00	2.73E+02	27	32	0.5431527	174	166.5	3.267403	6	7	0.118815	3	2	5.94073E-05	59	70.5	0.000967491	119	102	0.001722812	278	310	0.004388
19.53306	64	1.311748	1.25E+00	3.01E+02		32	0.5990509		166.5	3.116937		7	0.131042		2	3.74407E-05		70.5	0.001319784		102	0.001909475		310	0.005803
19.59972	68	1.411949	1.36E+00	3.27E+02		32	0.6505881		166.5	3.385091		7	0.142316		2	4.06618E-05		70.5	0.001433327		102	0.002073749		310	0.006303
19.66639	72	1.512747	1.46E+00	3.51E+02		32	0.6985991		166.5	3.634899		7	0.152819		2	4.36624E-05		70.5	0.001539101		102	0.002226785		310	0.006768
19.73306	76	1.60991	1.56E+00	3.75E+02	37	37.5	0.7458845	159	138	3.88093	8	7	0.163162	1	3.5	4.66178E-05	82	65.5	0.001643277	85	81.5	0.002377507	342	325.5	0.007226
19.79972	80	1.703728	1.66E+00	3.98E+02		37.5	0.9275422		138	3.413355		7	0.173141		3.5	8.65706E-05		65.5	0.001620107		81.5	0.002015858		325.5	0.008051
19.86639	84	1.792437	1.75E+00	4.20E+02		37.5	0.9786345		138	3.601375		7	0.182678		3.5	9.13392E-05		65.5	0.001709348		81.5	0.002126899		325.5	0.008495
19.93306	88	1.87699	1.83E+00	4.40E+02		37.5	1.0271334		138	3.779851		7	0.191732		3.5	9.58658E-05		65.5	0.00179406		81.5	0.002232303		325.5	0.008916
19.99972	92	1.957485	1.92E+00	4.60E+02	38	29	1.0733331	117	110.5	3.949866	6	5.5	0.200356	6	8	0.000100178	49	36	0.001874755	78	66	0.00233271	309	264	0.009317
20.06639	96	1.973549	1.97E+00	4.72E+02		29	0.8509462		110.5	3.242399		5.5	0.161386		8	0.000234744		36	0.001056347		66	0.001936636		264	0.007747
20.13305	100	2.081755	2.03E+00	4.87E+02		29	0.8778468		110.5	3.344899		5.5	0.166488		8	0.000242165		36	0.001089741		66	0.001997858		264	0.007991
20.19972	104	2.186933	2.13E+00	5.12E+02	20	28	0.9240378	104	111	3.520903	5	6	0.175249	10	7.5	0.000254907	23	37	0.001147081	54	50	0.002102983	219	258	0.008412
20.26639	108	2.289712	2.24E+00	5.37E+02		28	0.9356383		111	3.709138		6	0.200494		7.5	0.000250617		37	0.001236379		50	0.001670783		258	0.008621
20.33306	112	2.392309	2.34E+00	5.62E+02		28	0.9785628		111	3.879303		6	0.209692		7.5	0.000262115		37	0.001293101		50	0.001747434		258	0.009017
20.39972	116	2.491497	2.44E+00	5.86E+02		28	1.0207368		111	4.046492		6	0.218729		7.5	0.000273412		37	0.001348831		50	0.001822744		258	0.009405
20.46639	120	2.587674	2.54E+00	6.10E+02	36	35	1.0615689	118	142.5	4.208362	7	8	0.227479	5	5	0.000284349	51	53	0.001402787	46	51.5	0.001895659	297	258	0.009782
20.53306	124	2.680056	2.63E+00	6.32E+02		35	1.3762232		142.5	5.603194		8	0.314565		5	0.000196603		53	0.002083995		51.5	0.002025014		258	0.010145
20.59972	128	2.769557	2.72E+00	6.54E+02		35	1.4237411		142.5	5.79666		8	0.325427		5	0.000203392		53	0.002155951		51.5	0.002094933		258	0.010495
20.66639	132	2.848301	2.81E+00	6.74E+02		35	1.4676961		142.5	5.97562		8	0.335473		5	0.000209671		53	0.002222511		51.5	0.00215961		258	0.010819
20.73306	136	2.917861	2.88E+00	6.92E+02	34	29.5	1.5064413	167	126.5	6.133368	9	8	0.344329	5	4	0.000215206	55	56.5	0.002281183	57	60.5	0.002216621	219	235.5	0.011105
20.79972	140	2.981854	2.95E+00	7.08E+02		29.5	1.2991233		126.5	5.570817		8	0.352305		4	0.000176152		56.5	0.002488151		60.5	0.002664304		235.5	0.010371
20.86639	144	3.043102	3.01E+00	7.23E+02		29.5	1.3267015		126.5	5.689076		8	0.359783		4	0.000179892		56.5	0.002540971		60.5	0.002720862		235.5	0.010591
20.93306	148	3.096122	3.07E+00	7.37E+02		29.5	1.3518634		126.5	5.796974		8	0.366607		4	0.000183304		56.5	0.002589162		60.5	0.002772466		235.5	0.010792
20.99972	152	3.141803	3.12E+00	7.49E+02	25	27.5	1.3735975	86	107.5	5.890172	7	8	0.372501	3	3	0.000186251	58	59.5	0.002630788	64	64.5	0.002817039	252	277	0.010965
21.06639	156	3.186372	3.16E+00	7.59E+02		27.5	1.298998		107.5	5.077901		8	0.37789		3	0.000141709		59.5	0.002810559		64.5	0.003046741		277	0.013084
21.13305	160	3.229921	3.21E+00	7.70E+02		27.5	1.3170862		107.5	5.14861		8	0.383152		3	0.000143682		59.5	0.002849696		64.5	0.003089166		277	0.013267
21.19972	164	3.272776	3.25E+00	7.80E+02		27.5	1.3348226		107.5	5.217943		8	0.388312		3	0.000145617		59.5	0.002888071		64.5	0.003130766		277	0.013445
21.26639	168	3.313971	3.29E+00	7.90E+02	30	40.5	1.3520757	129	118	5.285387	9	9.5	0.393331	3	4	0.000147499	61	54	0.0029254	65	64	0.003171232	302	269	0.013619
21.33306	172	3.35427	3.33E+00	8.00E+02		40.5	2.0158752		118	5.873414		9.5	0.47286		4	0.000199099		54	0.002687834		64	0.003185581		269	0.013389
21.39972	176	3.39378	3.37E+00	8.10E+02		40.5	2.0400022		118	5.94371		9.5	0.478519		4	0.000201482		54	0.002720003		64	0.003223707		269	0.01355
21.46639	180	3.429705	3.41E+00	8.19E+02	51	47	2.062807	107	114	6.010154	10	9	0.483868	5	7	0.000203734	47	48	0.002750409	63	102.5	0.003259744	236	271	0.013701
21.53306	184	3.463135	3.45E+00	8.27E+02		47	2.4182065		114	5.865437		9	0.463061		7	0.000360158		48	0.002469658		102.5	0.005273748		271	0.013943
21.59972	188	3.492468	3.48E+00	8.35E+02		47	2.4402255		114	5.918845		9	0.467277		7	0.000363438		48	0.002492145		102.5	0.005321768		271	0.01407
21.66639	192	3.519211	3.51E+00	8.41E+02		47	2.4598986		114	5.966563		9	0.471044		7	0.000366368		48	0.002512237		102.5	0.005364673		271	0.014184
21.73306	196	3.543449	3.53E+00	8.48E+02		47	2.4777842		114	6.009945		9	0.474469	9	7	0.000369032	49	42	0.002530503	142	140.5	0.005403678	306	294	0.014287
21.79972	200	3.56563	3.55E+00	8.53E+02		47	2.4940693		114	6.049445		9	0.477588		7	0.000371457		42	0.002228743		140.5	0.007455675		294	0.015601
21.86639	204	3.584928	3.58E+00	8.58E+02		47	2.5086214		114	6.084741		9	0.480374		7	0.000373624		42	0.002241747		140.5	0.007499177		294	0.015692
21.93306	208	3.601032	3.59E+00	8.62E+02		47	2.5210414		114	6.114866		9	0.482753		7	0.000375474		42	0.002252846		140.5	0.007536305		294	0.01577
21.99972	212	3.61699	3.61E+00	8.66E+02		47	2.5322897		114	6.142149		9	0.484907		7	0.00037715		42	0.002262897		140.5	0.00756993		294	0.01584
22.06639	216	3.630426	3.62E+00	8.70E+02		47	2.5426019		114	6.167162		9	0.486881		7	0.000378685		42	0.002272112		140.5	0.007600757		294	0.015905
22.13305	220	3.642111	3.64E+00	8.73E+02		47	2.5514151		114	6.188539		9	0.488569		7	0.000379998		42	0.002279988		140.5	0.007627103		294	0.01596
22.19972	224	3.652759	3.65E+00	8.75E+02		47	2.5592502		114	6.207543		9	0.490069	5	4	0.000381165	35	37.5	0.00228699	139	120.5	0.007650524	282	252.5	0.016009
22.26639	228	3.661008	3.66E+00	8.78E+02		47	2.5658798		114	6.223623		9	0.491339		4	0.000218373		37.5	0.002047244		120.5	0.006578479		252.5	0.013785
22.33306	232	3.670179	3.67E+00	8.80E+02		47	2.5719912		114	6.238447		9	0.492509		4	0.000218893		37.5	0.002052121		120.5	0.006594148		252.5	0.013818
22.39972	236	3.67546	3.67E+00	8.81E+02		47	2.5770614		114	6.250745		9	0.49348		4	0.000219324		37.5	0.002056166		120.5	0.006607147		252.5	0.013845
22.46639	240	3.676815	3.68E+00	8.82E+02	43	48	2.5793895	121	91	6.256392	8	9	0.493926	3	4	0.000219523	40	37.5	0.002058024	102	120.5	0.006613116	223	252.5	0.013857
22.53306	244	3.674674	3.68E+00	8.82E+02		48	2.6339885		91	4.993603		9	0.493873		4	0.000219499		37.5	0.002057804		120.5	0.006612409		252.5	0.013856

Conduit CSO 1005

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
7.07E+04	11.27	199.53	425.38	39.62	0.02	0.17	0.40	1.06

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
22.59972	248	3.670855	3.67E+00	8.81E+02		48	2.6317814		91	4.989419		9	0.493459		4	0.000219315		37.5	0.002056079		120.5	0.006606868		252.5	0.013844
22.66639	252	3.665359	3.67E+00	8.80E+02		48	2.6284439		91	4.983092		9	0.492833		4	0.000219037		37.5	0.002053472		120.5	0.006598489		252.5	0.013827
22.73306	256	3.658238	3.66E+00	8.79E+02		48	2.623995		91	4.974657		9	0.491999	5	5	0.000218666	35	35	0.002049996	139	139	0.006587321	282	282	0.013803
22.79972	260	3.650877	3.65E+00	8.77E+02		48	2.6188062		91	4.96482		9	0.491026		5	0.000272792		35	0.001909546		139	0.007583626		282	0.015385
22.86639	264	3.642523	3.65E+00	8.75E+02		48	2.6131756		91	4.954145		9	0.48997		5	0.000272206		35	0.001905441		139	0.007567321		282	0.015352
22.93306	268	3.604573	3.62E+00	8.70E+02		48	2.5965852		91	4.922693		9	0.48686		5	0.000270478		35	0.001893343		139	0.007519278		282	0.015255
22.99972	272	3.602077	3.60E+00	8.65E+02		48	2.5820937		91	4.895219		9	0.484143	5	5	0.000268968	35	35	0.001882777	139	139	0.007477313	282	282	0.01517
23.06639	276	3.584475	3.59E+00	8.62E+02		48	2.5748927		91	4.881567		9	0.482792		5	0.000268218		35	0.001877526		139	0.00745646		282	0.015127
23.13305	280	3.578508	3.58E+00	8.60E+02		48	2.5664481		91	4.865558		9	0.481209		5	0.000267338		35	0.001871368		139	0.007432008		282	0.015078
23.19972	284	3.566789	3.57E+00	8.57E+02		48	2.5601113		91	4.853544		9	0.480021	5	4	0.000266678	35	33.5	0.001866748	139	96	0.007413656	282	215	0.015041
23.26639	288	3.557007	3.56E+00	8.55E+02		48	2.5524076		91	4.838939		9	0.478578		4	0.000212701		33.5	0.001781368		96	0.005104815		215	0.011433
23.33306	292	3.544111	3.55E+00	8.52E+02		48	2.5442823		91	4.823535		9	0.477053		4	0.000212024		33.5	0.001775697		96	0.005088585		215	0.011396
23.39972	296	3.529052	3.54E+00	8.49E+02		48	2.5342662		91	4.804546		9	0.475175		4	0.000211189		33.5	0.001768707		96	0.005068532		215	0.011351
23.46639	300	3.507822	3.52E+00	8.44E+02	53	53	2.5212641	61	61	4.779896	10	10	0.472737	3	4	0.000210105	32	29.5	0.001759632	53	65	0.005042528	148	171	0.011293
23.53306	304	3.48059	3.49E+00	8.39E+02		53	2.7647234		61	3.18204		10	0.521646		4	0.000208658		29.5	0.001538856		65	0.003390899		171	0.00892
23.59972	308	3.449056	3.46E+00	8.32E+02		53	2.7414747		61	3.155282		10	0.517259		4	0.000206904		29.5	0.001525915		65	0.003362186		171	0.008845
23.66639	312	3.413272	3.43E+00	8.23E+02		53	2.7148427		61	3.12463		10	0.512234		4	0.000204894		29.5	0.001511092		65	0.003329524		171	0.008759
23.73306	316	3.374248	3.39E+00	8.15E+02		53	2.6852475		61	3.090568		10	0.50685	5	5	0.00020266	27	27	0.001494619	77	77	0.003293228	194	194	0.008664
23.79972	320	3.328007	3.35E+00	8.04E+02		53	2.6515153		61	3.051744		10	0.500286		5	0.000250143		27	0.001350772		77	0.003852202		194	0.009706
23.86639	324	3.276923	3.30E+00	7.93E+02		53	2.6130121		61	3.007429		10	0.493021		5	0.000246511		27	0.001331157		77	0.003796263		194	0.009565
23.93306	328	3.221826	3.25E+00	7.80E+02		53	2.5710052		61	2.959081		10	0.485095		5	0.000242548		27	0.001309757		77	0.003735234		194	0.009411
23.99972	332	3.160703	3.19E+00	7.66E+02		53	2.5250268		61	2.906163		10	0.47642		5	0.00023821		27	0.001286334		77	0.003668435		194	0.009243
24.06639	336	3.09523	3.13E+00	7.51E+02		53	2.4749435		61	2.84852		10	0.46697		5	0.000233485		27	0.00126082		77	0.003595673		194	0.009059
24.13305	340	3.027477	3.06E+00	7.35E+02		53	2.4222372		61	2.787858		10	0.457026		5	0.000228513		27	0.00123397		77	0.003519099		194	0.008866
24.19972	344	2.9541	2.99E+00	7.18E+02		53	2.366404		61	2.723597		10	0.446491	5	5	0.000223246	27	27	0.001205527	77	77	0.003437983	194	194	0.008662
24.26639	348	2.877894	2.92E+00	7.00E+02		53	2.3072267		61	2.655487		10	0.435326		5	0.000217663		27	0.00117538		77	0.003352009		194	0.008445
24.33306	352	2.800199	2.84E+00	6.81E+02		53	2.2463411		61	2.585411		10	0.423838		5	0.000211919		27	0.001144362		77	0.003263552		194	0.008222
24.39972	356	2.719564	2.76E+00	6.62E+02		53	2.1837033		61	2.513319		10	0.412019		5	0.00020601		27	0.001112453		77	0.00317255		194	0.007993
24.46639	360	2.634703	2.68E+00	6.43E+02		53	2.1182305		61	2.437963		10	0.399666		5	0.000199833		27	0.001079099		77	0.003077429		194	0.007754
24.53306	364	2.548461	2.59E+00	6.22E+02		53	2.0505395		61	2.360055		10	0.386894		5	0.000193447		27	0.001044614		77	0.002979086		194	0.007506
24.59972	368	2.462837	2.51E+00	6.01E+02		53	1.9825467		61	2.281799		10	0.374065		5	0.000187033		27	0.001009977		77	0.002880304		194	0.007257
24.66639	372	2.377161	2.42E+00	5.81E+02		53	1.9147778		61	2.203801		10	0.361279		5	0.000180639		27	0.000975453		77	0.002781847		194	0.007009
24.73306	376	2.289364	2.33E+00	5.60E+02		53	1.8461492		61	2.124813		10	0.34833		5	0.000174165		27	0.000940491		77	0.002682141		194	0.006758
24.79972	380	2.195575	2.24E+00	5.38E+02		53	1.774311		61	2.042131		10	0.334776		5	0.000167388		27	0.000903894		77	0.002577773		194	0.006495
24.86639	384	2.103803	2.15E+00	5.16E+02		53	1.7009002		61	1.95764		10	0.320925		5	0.000160462		27	0.000866496		77	0.002471119		194	0.006226
24.93306	388	2.018368	2.06E+00	4.95E+02		53	1.6307943		61	1.876952		10	0.307697		5	0.000153849		27	0.000830782		77	0.002369267		194	0.005969
24.99972	392	1.952709	1.99E+00	4.77E+02		53	1.5710192		61	1.808154		10	0.296419		5	0.000148209		27	0.000800331		77	0.002282424		194	0.005751
25.06639	396	1.890016	1.92E+00	4.61E+02		53	1.5202412		61	1.749712		10	0.286838		5	0.000143419		27	0.000774463		77	0.002208652		194	0.005565
25.13305	400	1.824099	1.86E+00	4.46E+02		53	1.4693611		61	1.691151		10	0.277238		5	0.000138619		27	0.000748542		77	0.002134732		194	0.005378
25.19972	404	1.75762	1.79E+00	4.30E+02		53	1.4169832		61	1.630867		10	0.267355		5	0.000133678		27	0.000721859		77	0.002058836		194	0.005187
25.26639	408	1.691339	1.72E+00	4.14E+02		53	1.3644613		61	1.570418		10	0.257446		5	0.000128723		27	0.000695103		77	0.001982331		194	0.004994
25.33306	412	1.626261	1.66E+00	3.98E+02		53	1.3124937		61	1.510606		10	0.24764		5	0.00012382		27	0.000668629		77	0.00190683		194	0.004804
25.39972	416	1.561497	1.59E+00	3.83E+02		53	1.2611262		61	1.451485		10	0.237948		5	0.000118974		27	0.000642461		77	0.001832202		194	0.004616
25.46639	420	1.498287	1.53E+00	3.67E+02		53	1.2104977		61	1.393214		10	0.228396		5	0.000114198		27	0.000616669		77	0.001758648		194	0.004431
25.53306	424	1.437331	1.47E+00	3.52E+02		53	1.1613757		61	1.336678		10	0.219127		5	0.000109564		27	0.000591644		77	0.001687282		194	0.004251
25.59972	428	1.376662	1.41E+00	3.38E+02		53	1.113259		61	1.281298		10	0.210049		5	0.000105024		27	0.000567132		77	0.001617376		194	0.004075
25.66639	432	1.316736	1.35E+00	3.23E+02		53	1.0655497		61	1.226387		10	0.201047		5	0.000100524		27	0.000542827		77	0.001548063		194	0.0039
25.73306	436	1.257892	1.29E+00	3.09E+02		53	1.0185625		61	1.172308		10	0.192182		5	9.60908E-05		27	0.00051889		77	0.001479798		194	0.003728
25.79972	440	1.199996	1.23E+00	2.95E+02		53	0.9723784		61	1.119152		10	0.183468		5	9.17338E-05		27	0.000495363		77	0.001412701		194	0.003559
25.86639	444	1.14411	1.17E+00	2.81E+02		53	0.9273644		61	1.067344		10	0.174974		5	8.74872E-05		27	0.000472431		77	0.001347303		194	0.003395
25.93306	448	1.091061	1.12E+00	2.68E+02		53	0.8842681		61	1.017743		10	0.166843		5	8.34215E-05		27	0.000450476		77	0.001284691		194	0.003237
25.99972	452	1.027677	1.06E+00	2.54E+02		53	0.8382054		61	0.964727		10	0.158152		5	7.9076E-05		27	0.00042701		77	0.00121777		194	0.003068
26.06639	456	0.9851949	1.01E+00	2.42E+02		53	0.7963231		61	0.916523		10	0.15025		5	7.51248E-05		27	0.000405674		77	0.001156922		194	0.002915
26.13305	460	0.9393986	9.62E-01	2.31E+02		53	0.7613988		61	0.876327		10	0.14366		5	7.18301E-05		27	0.000387882		77	0.001106183		194	0.002787
26.19972	464	0.8962633	9.18E-01	2.20E+02		53	0.7262161		61	0.835834		10	0.137022		5	6.8511E-05		27	0.000369959		77	0.001055089		194	0.002658
26.26639	468	0.8547657	8.76E-01	2.10E+02		53	0.692734		61	0.797298		10	0.130705		5	6.53523E-05		27	0.000352902		77	0.001006425		194	0.002536
26.33306	472	0.8155602	8.35E-01	2.00E+02		53	0.6608067		61	0.760551		10	0.124681		5	6.23403E-05		27	0.000336637		77	0.00096004		194	0.002419
26.39972	476	0.7757793	7.96E-01	1.91E+02		53	0.6295584		61	0.724586		10	0.118785		5	5.93923E-05		27	0.000320718		77	0.000914641		194	0.002304
26.46639	480	0.7399001	7.58E-01	1.82E+02		53	0.5996261		61	0.690136		10	0.113137		5	5.65685E-05		27	0.00030547		77	0.000871155		194	0.002195
26.53306	484	0.7061819	7.23E-01	1.74E+02		53	0.5720923		61	0.658446		10	0.107942		5	5.3971E-05		27	0.000291443		77	0.000831153		194	0.002094
26.59972	488	0.6738348	6.90E-01	1.66E+02		53	0.5459559		61	0.628364		10	0.103011		5	5.15053E-05		27	0.000278128		77	0.000793181		194	0.001998
26.66639	492	0.6427622	6.58E-01	1.58E+02		53	0.5208661		61	0.599487		10	0.098277		5	4.91383E-05		27	0.000265347		77	0.00075673		194	0.001907
26.73306	496	0.6126475	6.28E-01	1.51E+02		53	0.4966594		61	0.571627		10	0.093709		5	4.68547E-05		27	0.000253015		77	0.000721562		194	0.001818

Conduit CSO 1005

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
7.07E+04	11.27	199.53	425.36	39.62	0.02	0.17	0.40	1.06

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
26.79972	500	0.5836992	5.98E-01	1.44E+02		53	0.4732932		61	0.544734		10	0.089301		5	4.46503E-05		27	0.000241112		77	0.000687615		194	0.001732
26.86639	504	0.5502853	5.67E-01	1.36E+02		53	0.4486217		61	0.516338		10	0.084646		5	4.23228E-05		27	0.000228543		77	0.000651771		194	0.001642
26.93306	508	0.5112684	5.31E-01	1.27E+02		53	0.419967		61	0.483358		10	0.079239		5	3.96195E-05		27	0.000213945		77	0.000610141		194	0.001537
26.99972	512	0.4783938	4.95E-01	1.19E+02		53	0.3915256		61	0.450624		10	0.073873		5	3.69364E-05		27	0.000199456		77	0.00056882		194	0.001433
27.06639	516	0.4504544	4.64E-01	1.11E+02		53	0.3674667		61	0.422933		10	0.069333		5	3.46667E-05		27	0.0001872		77	0.000533867		194	0.001345
27.13305	520	0.42721	4.39E-01	1.05E+02		53	0.3472176		61	0.399628		10	0.065513		5	3.27564E-05		27	0.000176884		77	0.000504448		194	0.001271
27.19972	524	0.4020146	4.15E-01	9.95E+01		53	0.328054		61	0.377572		10	0.061897		5	3.09485E-05		27	0.000167122		77	0.000476607		194	0.001201
27.26639	528	0.3795413	3.91E-01	9.38E+01		53	0.3091956		61	0.355867		10	0.058339		5	2.91694E-05		27	0.000157515		77	0.000449209		194	0.001132
27.33306	532	0.3575234	3.69E-01	8.84E+01		53	0.2915941		61	0.335608		10	0.055018		5	2.75089E-05		27	0.000148548		77	0.000423637		194	0.001067
27.39972	536	0.3369944	3.47E-01	8.33E+01		53	0.2747619		61	0.316235		10	0.051842		5	2.59209E-05		27	0.000139973		77	0.000399182		194	0.001006
27.46639	540	0.3167418	3.27E-01	7.84E+01		53	0.2586281		61	0.297666		10	0.048798		5	2.43989E-05		27	0.000131754		77	0.000375743		194	0.000947
27.53306	544	0.2973564	3.07E-01	7.37E+01		53	0.2429467		61	0.279618		10	0.045839		5	2.29195E-05		27	0.000123765		77	0.00035296		194	0.000889
27.59972	548	0.2789654	2.88E-01	6.92E+01		53	0.2280018		61	0.262417		10	0.043019		5	2.15096E-05		27	0.000116152		77	0.000331248		194	0.000835
27.66639	552	0.2610649	2.70E-01	6.48E+01		53	0.2136443		61	0.245893		10	0.04031		5	2.01551E-05		27	0.000108838		77	0.000310389		194	0.000782
27.73306	556	0.2439443	2.53E-01	6.06E+01		53	0.1997894		61	0.229946		10	0.037696		5	1.88481E-05		27	0.00010178		77	0.00029026		194	0.000731
27.79972	560	0.2265122	2.35E-01	5.65E+01		53	0.1861198		61	0.214213		10	0.035117		5	1.75585E-05		27	9.48158E-05		77	0.000270401		194	0.000681
27.86639	564	0.2096781	2.18E-01	5.23E+01		53	0.1725636		61	0.198611		10	0.032559		5	1.62796E-05		27	8.79098E-05		77	0.000250706		194	0.000632
27.93306	568	0.1937363	2.02E-01	4.84E+01		53	0.159597		61	0.183687		10	0.030113		5	1.50563E-05		27	8.13041E-05		77	0.000231867		194	0.000584
27.99972	572	0.1784518	1.86E-01	4.47E+01		53	0.1472433		61	0.169469		10	0.027782		5	1.38909E-05		27	7.50108E-05		77	0.00021392		194	0.000539
28.06639	576	0.1639688	1.71E-01	4.11E+01		53	0.1354669		61	0.155915		10	0.02556		5	1.27799E-05		27	6.90114E-05		77	0.00019681		194	0.000496
28.13305	580	0.1506303	1.57E-01	3.78E+01		53	0.1244603		61	0.143247		10	0.023483		5	1.17415E-05		27	6.34043E-05		77	0.00018082		194	0.000456
28.19972	584	0.1380516	1.44E-01	3.46E+01		53	0.114207		61	0.131446		10	0.021548		5	1.07742E-05		27	5.81809E-05		77	0.000165923		194	0.000418
28.26639	588	0.1261297	1.32E-01	3.17E+01		53	0.1045142		61	0.12029		10	0.01972		5	9.85983E-06		27	5.32431E-05		77	0.000151841		194	0.000383
28.33306	592	0.1148739	1.21E-01	2.89E+01		53	0.0953447		61	0.109736		10	0.01799		5	8.99479E-06		27	4.85718E-05		77	0.00013852		194	0.000349
28.39972	596	0.1038477	1.09E-01	2.62E+01		53	0.0865296		61	0.099591		10	0.016326		5	8.16317E-06		27	4.40811E-05		77	0.000125713		194	0.000317
28.46639	600	9.25E-02	9.82E-02	2.36E+01		53	0.0776817		61	0.089407		10	0.014657		5	7.32846E-06		27	3.95737E-05		77	0.000112858		194	0.000284
28.53306	604	8.19E-02	8.72E-02	2.09E+01		53	0.0690023		61	0.079418		10	0.013019		5	6.50965E-06		27	3.51521E-05		77	0.000100249		194	0.000253
28.59972	608	7.19E-02	7.69E-02	1.85E+01		53	0.060842		61	0.070026		10	0.01148		5	5.73981E-06		27	3.0995E-05		77	8.8393E-05		194	0.000223
28.66639	612	6.26E-02	6.72E-02	1.61E+01		53	0.0531982		61	0.061228		10	0.010037		5	5.0187E-06		27	2.7101E-05		77	7.72879E-05		194	0.000195
28.73306	616	5.45E-02	5.85E-02	1.40E+01		53	0.0463195		61	0.053311		10	0.00874		5	4.36977E-06		27	2.35967E-05		77	6.72944E-05		194	0.00017
28.79972	620	4.69E-02	5.07E-02	1.22E+01		53	0.0401216		61	0.046178		10	0.00757		5	3.78505E-06		27	2.04393E-05		77	5.82898E-05		194	0.000147
28.86639	624	3.98E-02	4.34E-02	1.04E+01		53	0.0343265		61	0.039508		10	0.006477		5	3.23835E-06		27	1.74871E-05		77	4.98706E-05		194	0.000126
28.93306	628	3.31E-02	3.65E-02	8.75E+00		53	0.028856		61	0.033212		10	0.005445		5	2.72226E-06		27	1.47002E-05		77	4.19229E-05		194	0.000106
28.99972	632	2.68E-02	3.00E-02	7.19E+00		53	0.0237066		61	0.027285		10	0.004473		5	2.23647E-06		27	1.20769E-05		77	3.44416E-05		194	8.68E-05
29.06639	636	2.00E-02	2.34E-02	5.62E+00		53	0.0185377		61	0.021336		10	0.003498		5	1.74884E-06		27	9.44376E-06		77	2.69322E-05		194	6.79E-05
29.13305	640	1.36E-02	1.68E-02	4.04E+00		53	0.0133176		61	0.015328		10	0.002513		5	1.25638E-06		27	6.78443E-06		77	1.93482E-05		194	4.87E-05
29.19972	644	9.83E-03	1.17E-02	2.82E+00		53	0.0092838		61	0.010685		10	0.001752		5	8.75831E-07		27	4.72949E-06		77	1.34878E-05		194	3.4E-05
29.26639	648	7.07E-03	8.45E-03	2.03E+00		53	0.0066852		61	0.007694		10	0.001261		5	6.30676E-07		27	3.40565E-06		77	9.71241E-06		194	2.45E-05
29.33306	652	4.81E-03	5.94E-03	1.43E+00		53	0.0046983		61	0.005408		10	0.000886		5	4.4324E-07		27	2.3935E-06		77	6.8259E-06		194	1.72E-05
29.39972	656	3.05E-03	3.93E-03	9.43E-01		53	0.0031092		61	0.003579		10	0.000587		5	2.9332E-07		27	1.58393E-06		77	4.51713E-06		194	1.14E-05
29.46639	660	1.73E-03	2.39E-03	5.73E-01		53	0.0018893		61	0.002174		10	0.000356		5	1.78232E-07		27	9.6245E-07		77	2.74477E-06		194	6.92E-06
29.53306	664	7.77E-04	1.25E-03	3.00E-01		53	0.00099		61	0.001139		10	0.000187		5	9.33982E-08		27	5.0435E-07		77	1.43833E-06		194	3.62E-06
29.59972	668	1.69E-04	4.73E-04	1.13E-01		53	0.0003742		61	0.000431		10	7.06E-05		5	3.52981E-08		27	1.9061E-07		77	5.4359E-07		194	1.37E-06
29.59972	672	5.93E-04	3.81E-04	9.15E-02		53	0.0003015		61	0.000347		10	5.69E-05		5	2.84474E-08		27	1.53616E-07		77	4.38091E-07		194	1.1E-06
29.66639	676	9.44E-05	3.44E-04	8.25E-02		53	0.000272		61	0.000313		10	5.13E-05		5	2.56645E-08		27	1.38589E-07		77	3.95234E-07		194	9.96E-07

Conduit CSO 1011

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
4.19E+02	7.13	1.05	2.90	0.23	0.00	0.00	0.00	0.01

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
17.59972	0	1.32E-05			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
17.66639	4	1.21E-04	6.70E-05	1.61E-02		80	7.99885E-05		761.5	0.000761		36.5	3.65E-05		7.5	7.49892E-09		172.5	1.72E-07		283.5	2.83459E-07		639	6.39E-07
17.73306	8	3.52E-04	2.36E-04	5.68E-02		80	0.000282422		761.5	0.002688		36.5	0.000129		7.5	2.64771E-08		172.5	6.09E-07		283.5	1.00083E-06		639	2.26E-06
17.79972	12	7.26E-04	5.39E-04	1.29E-01		80	0.000643903		761.5	0.006129		36.5	0.000294		7.5	6.03659E-08		172.5	1.39E-06		283.5	2.28183E-06		639	5.14E-06
17.86639	16	1.28E-03	1.00E-03	2.41E-01	69	58	0.001197682	451	358.5	0.0114	24	17.5	0.000546	4	5.5	1.12283E-07	130	107	2.58E-06	198	147.5	4.24429E-06	446	410.5	9.57E-06
17.93306	20	2.19E-03	1.74E-03	4.17E-01		58	0.001504241		358.5	0.009298		17.5	0.000454		5.5	1.42644E-07		107	2.78E-06		147.5	3.82544E-06		410.5	1.06E-05
17.99972	24	3.62E-03	2.91E-03	6.97E-01		58	0.002515426		358.5	0.015548		17.5	0.000759		5.5	2.38532E-07		107	4.64E-06		147.5	6.39699E-06		410.5	1.78E-05
18.06639	28	5.72E-03	4.67E-03	1.12E+00	47	42	0.004041953	266	238.5	0.024983	11	9.5	0.00122	7	5.5	3.83289E-07	84	69.5	7.46E-06	97	90.5	1.02791E-05	375	307	2.86E-05
18.13305	32	8.76E-03	7.24E-03	1.74E+00		42	0.004541366		238.5	0.025788		9.5	0.001027		5.5	5.94703E-07		69.5	7.51E-06		90.5	9.78556E-06		307	3.32E-05
18.19972	36	1.20E-02	1.04E-02	2.49E+00		42	0.00649481		238.5	0.036881		9.5	0.001469		5.5	8.50511E-07		69.5	1.07E-05		90.5	1.39848E-05		307	4.75E-05
18.26639	40	1.49E-02	1.34E-02	3.23E+00		42	0.008427266		238.5	0.047855		9.5	0.001906		5.5	1.10357E-06		69.5	1.39E-05		90.5	1.81588E-05		307	6.16E-05
18.33306	44	1.76E-02	1.63E-02	3.91E+00	37	32	0.010213253	211	192.5	0.057997	8	7	0.00231	4	3.5	1.33745E-06	55	57	1.69E-05	84	101.5	2.20071E-05	239	258.5	7.47E-05
18.39972	48	1.96E-02	1.86E-02	4.47E+00		32	0.008907377		192.5	0.053583		7	0.001948		3.5	9.74244E-07		57	1.59E-05		101.5	2.82531E-05		258.5	7.2E-05
18.46639	52	2.06E-02	2.01E-02	4.83E+00		32	0.009621142		192.5	0.057877		7	0.002105		3.5	1.05231E-06		57	1.71E-05		101.5	3.05171E-05		258.5	7.77E-05
18.53306	56	2.07E-02	2.07E-02	4.96E+00		32	0.009876796		192.5	0.059415		7	0.002161		3.5	1.08027E-06		57	1.76E-05		101.5	3.1328E-05		258.5	7.98E-05
18.59972	60	2.01E-02	2.04E-02	4.89E+00	27	32	0.009742546	174	166.5	0.058608	6	7	0.002131	3	2	1.06559E-06	59	70.5	1.74E-05	119	102	3.09021E-05	278	310	7.87E-05
18.66639	64	1.91E-02	1.96E-02	4.70E+00		32	0.009355566		166.5	0.048678		7	0.002047		2	5.84723E-07		70.5	2.06E-05		102	2.98209E-05		310	9.06E-05
18.73306	68	1.80E-02	1.86E-02	4.46E+00		32	0.00886892		166.5	0.046146		7	0.00194		2	5.54307E-07		70.5	1.95E-05		102	2.82697E-05		310	8.59E-05
18.79972	72	1.71E-02	1.75E-02	4.21E+00		32	0.008382222		166.5	0.043614		7	0.001834		2	5.23889E-07		70.5	1.85E-05		102	2.67183E-05		310	8.12E-05
18.86639	76	1.62E-02	1.66E-02	3.99E+00	37	37.5	0.007934539	159	138	0.041284	8	7	0.001736	1	3.5	4.95909E-07	82	65.5	1.75E-05	85	81.5	2.52913E-05	342	325.5	7.69E-05
18.93306	80	1.53E-02	1.57E-02	3.78E+00		37.5	0.00880959		138	0.032419		7	0.001644		3.5	8.22228E-07		65.5	1.54E-05		81.5	1.91462E-05		325.5	7.65E-05
18.99972	84	1.44E-02	1.49E-02	3.57E+00		37.5	0.008320206		138	0.030618		7	0.001553		3.5	7.76553E-07		65.5	1.45E-05		81.5	1.80826E-05		325.5	7.22E-05
19.06639	88	1.35E-02	1.40E-02	3.35E+00		37.5	0.007820648		138	0.02878		7	0.00146		3.5	7.29927E-07		65.5	1.37E-05		81.5	1.69969E-05		325.5	6.79E-05
19.13305	92	1.27E-02	1.31E-02	3.14E+00	38	29	0.007329542	117	110.5	0.026973	6	5.5	0.001368	6	8	6.84091E-07	49	36	1.28E-05	78	66	1.59295E-05	309	264	6.36E-05
19.19972	96	1.17E-02	1.22E-02	2.92E+00		29	0.005267314		110.5	0.02007		5.5	0.000999		8	1.45305E-06		36	6.54E-06		66	1.19877E-05		264	4.8E-05
19.26639	100	1.11E-02	1.14E-02	2.74E+00		29	0.004933725		110.5	0.018799		5.5	0.000936		8	1.36103E-06		36	6.12E-06		66	1.12285E-05		264	4.49E-05
19.33306	104	1.16E-02	1.14E-02	2.72E+00	20	28	0.004914359	104	111	0.018725	5	6	0.000932	10	7.5	1.35569E-06	23	37	6.1E-06	54	50	1.11844E-05	219	258	4.47E-05
19.39972	108	1.25E-02	1.21E-02	2.89E+00		28	0.005039935		111	0.01998		6	0.00108		7.5	1.34998E-06		37	6.66E-06		50	8.99988E-06		258	4.64E-05
19.46639	112	1.40E-02	1.33E-02	3.19E+00		28	0.005550355		111	0.022003		6	0.001189		7.5	1.4867E-06		37	7.33E-06		50	9.91135E-06		258	5.11E-05
19.53306	116	1.61E-02	1.51E-02	3.62E+00		28	0.006297935		111	0.024967		6	0.00135		7.5	1.68695E-06		37	8.32E-06		50	1.12463E-05		258	5.8E-05
19.59972	120	1.88E-02	1.74E-02	4.18E+00	36	35	0.007286923	118	142.5	0.028887	7	8	0.001561	5	5	1.95185E-06	51	53	9.63E-06	46	51.5	1.30124E-05	297	258	6.71E-05
19.66639	124	2.19E-02	2.03E-02	4.88E+00		35	0.010616288		142.5	0.043223		8	0.002427		5	1.51661E-06		53	1.61E-05		51.5	1.58211E-05		258	7.83E-05
19.73306	128	2.52E-02	2.35E-02	5.65E+00		35	0.012298426		142.5	0.050072		8	0.002811		5	1.75692E-06		53	1.86E-05		51.5	1.80963E-05		258	9.07E-05
19.79972	132	2.86E-02	2.69E-02	6.45E+00		35	0.014044477		142.5	0.057181		8	0.00321		5	2.00635E-06		53	2.13E-05		51.5	2.06654E-05		258	0.000104
19.86639	136	3.19E-02	3.02E-02	7.25E+00	34	29.5	0.015794671	167	126.5	0.064307	9	8	0.00361	5	4	2.25638E-06	55	56.5	2.39E-05	57	60.5	2.32407E-05	219	235.5	0.000116
19.93306	140	3.51E-02	3.35E-02	8.04E+00		29.5	0.014760584		126.5	0.063295		8	0.004003		4	2.00144E-06		56.5	2.83E-05		60.5	3.02717E-05		235.5	0.000118
19.99972	144	3.82E-02	3.67E-02	8.80E+00		29.5	0.016146932		126.5	0.06924		8	0.004379		4	2.18941E-06		56.5	3.09E-05		60.5	3.31149E-05		235.5	0.000129
20.06639	148	4.10E-02	3.96E-02	9.50E+00		29.5	0.017440917		126.5	0.074789		8	0.00473		4	2.36487E-06		56.5	3.34E-05		60.5	3.57687E-05		235.5	0.000139
20.13305	152	4.47E-02	4.29E-02	1.03E+01	25	27.5	0.018874403	86	107.5	0.080936	7	8	0.005118	3	3	2.55924E-06	58	59.5	3.61E-05	64	64.5	3.87085E-05	252	277	0.000151
20.19972	156	5.05E-02	4.76E-02	1.14E+01		27.5	0.019550969		107.5	0.076427		8	0.005688		3	2.13283E-06		59.5	4.23E-05		64.5	4.58559E-05		277	0.000197
20.26639	160	5.96E-02	5.51E-02	1.32E+01		27.5	0.022602493		107.5	0.088355		8	0.006575		3	2.46573E-06		59.5	4.89E-05		64.5	5.30131E-05		277	0.000228
20.33306	164	7.12E-02	6.54E-02	1.57E+01		27.5	0.026842708		107.5	0.104931		8	0.007809		3	2.9283E-06		59.5	5.81E-05		64.5	6.29584E-05		277	0.00027
20.39972	168	7.99E-02	7.56E-02	1.81E+01	30	40.5	0.031022161	129	118	0.121268	9	9.5	0.009025	3	4	3.38424E-06	61	54	6.71E-05	65	64	7.27611E-05	302	269	0.000312
20.46639	172	8.82E-02	8.41E-02	2.02E+01		40.5	0.050822497		118	0.148075		9.5	0.011921		4	5.01951E-06		54	6.78E-05		64	8.03121E-05		269	0.000338
20.53306	176	9.53E-02	9.17E-02	2.20E+01		40.5	0.055457358		118	0.161579		9.5	0.013009		4	5.47727E-06		54	7.39E-05		64	8.76363E-05		269	0.000368
20.59972	180	0.1009757	9.81E-02	2.35E+01	51	47	0.059323502	107	114	0.172844	10	9	0.013915	5	7	5.85911E-06	47	48	7.91E-05	63	102.5	9.37458E-05	236	271	0.000394
20.66639	184	0	5.05E-02	1.21E+01		47	0.035425179		114	0.085925		9	0.006784		7	5.27609E-06		48	3.62E-05		102.5	7.7257E-05		271	0.000204
20.73306	188	0	0.00E+00	0.00E+00		47	0		114	0		9	0		7	0		48	0		102.5	0		271	0
20.79972	192	0	0.00E+00	0.00E+00		47	0		114	0		9	0		7	0		48	0		102.5	0		271	0
20.86639	196	0	0.00E+00	0.00E+00		47	0		114	0		9	0	9	7	0	49	42	0	142	140.5	0	306	294	0
20.93306	200	0	0.00E+00	0.00E+00		47	0		114	0		9	0		7	0		42	0		140.5	0		294	0
20.99972	204	0	0.00E+00	0.00E+00		47	0		114	0		9	0		7	0		42	0		140.5	0		294	0
21.06639	208	0	0.00E+00	0.00E+00		47	0		114	0		9	0		7	0		42	0		140.5	0		294	0
21.13305	212	0	0.00E+00	0.00E+00		47	0		114	0		9	0		7	0		42	0		140.5	0		294	0
21.19972	216	0	0.00E+00	0.00E+00		47	0		114	0		9	0		7	0		42	0		140.5	0		294	0
21.26639	220	0	0.00E+00	0.00E+00		47	0		114	0		9	0		7	0		42	0		140.5	0		294	0
21.33306	224	0	0.00E+00	0.00E+00		47	0		114	0		9	0	5	4	0	35	37.5	0	139	120.5	0	282	252.5	0
21.39972	228	0	0.00E+00	0.00E+00		47	0		114	0		9	0		4	0		37.5	0		120.5	0		252.5	0
21.46639	232	0	0.00E+00	0.00E+00		47	0		114	0		9	0		4	0		37.5	0		120.5	0		252.5	0
21.53306	236	0	0.00E+00	0.00E+00		47	0		114	0		9	0		4	0		37.5	0		120.5	0		252.5	0

Conduit CSO 1011

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
4.19E+02	7.13	1.05	2.90	0.23	0.00	0.00	0.00	0.01

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
21.59972	240	0	0.00E+00	0.00E+00	43	48	0	121	91	0	8	9	0	3	4	0	40	37.5	0	102	120.5	0	223	252.5	0
21.66639	244	0	0.00E+00	0.00E+00		48	0		91	0		9	0		4	0		37.5	0		120.5	0		252.5	0
21.73306	248	0	0.00E+00	0.00E+00		48	0		91	0		9	0		4	0		37.5	0		120.5	0		252.5	0
21.79972	252	0	0.00E+00	0.00E+00		48	0		91	0		9	0		4	0		37.5	0		120.5	0		252.5	0
21.86639	256	0	0.00E+00	0.00E+00		48	0		91	0		9	0		4	0		37.5	0		120.5	0		252.5	0
21.93306	260	0	0.00E+00	0.00E+00		48	0		91	0		9	0	5	5	0	35	35	0	139	139	0	282	282	0
21.99972	264	0	0.00E+00	0.00E+00		48	0		91	0		9	0		5	0		35	0		139	0		282	0
22.06639	268	0	0.00E+00	0.00E+00		48	0		91	0		9	0		5	0		35	0		139	0		282	0
22.13305	272	0	0.00E+00	0.00E+00		48	0		91	0		9	0		5	0		35	0		139	0		282	0
22.19972	276	0	0.00E+00	0.00E+00		48	0		91	0		9	0	5	5	0	35	35	0	139	139	0	282	282	0
22.26639	280	0	0.00E+00	0.00E+00		48	0		91	0		9	0		5	0		35	0		139	0		282	0
22.33306	284	0	0.00E+00	0.00E+00		48	0		91	0		9	0		5	0		35	0		139	0		282	0
22.39972	288	0	0.00E+00	0.00E+00		48	0		91	0		9	0	5	4	0	35	33.5	0	139	96	0	282	215	0
22.46639	292	0	0.00E+00	0.00E+00		48	0		91	0		9	0		4	0		33.5	0		96	0		215	0
22.53306	296	0	0.00E+00	0.00E+00		48	0		91	0		9	0		4	0		33.5	0		96	0		215	0
22.59972	300	1.50E-02	7.49E-03	1.80E+00	53	53	0.005366222	61	61	0.010173	10	10	0.001006	3	4	4.47185E-07	32	29.5	3.75E-06	53	65	1.07324E-05	148	171	2.4E-05
22.66639	304	3.43E-02	2.46E-02	5.91E+00		53	0.019487861		61	0.022429		10	0.003677		4	1.47078E-06		29.5	1.08E-05		65	2.39002E-05		171	6.29E-05
22.73306	308	3.90E-02	3.66E-02	8.79E+00		53	0.028991583		61	0.033368		10	0.00547		4	2.18804E-06		29.5	1.61E-05		65	3.55557E-05		171	9.35E-05
22.79972	312	3.83E-02	3.86E-02	9.27E+00		53	0.030573392		61	0.035188		10	0.005769		4	2.30743E-06		29.5	1.7E-05		65	3.74957E-05		171	9.86E-05
22.86639	316	3.66E-02	3.74E-02	8.99E+00		53	0.02963068		61	0.034103		10	0.005591	5	5	2.23628E-06	27	27	1.65E-05	77	77	3.63395E-05	194	194	9.56E-05
22.93306	320	3.51E-02	3.59E-02	8.60E+00		53	0.028366261		61	0.032648		10	0.005352		5	2.67606E-06		27	1.45E-05		77	4.12114E-05		194	0.000104
22.99972	324	3.37E-02	3.44E-02	8.26E+00		53	0.027230272		61	0.031341		10	0.005138		5	2.56889E-06		27	1.39E-05		77	3.9561E-05		194	9.97E-05
23.06639	328	3.26E-02	3.32E-02	7.97E+00		53	0.026259756		61	0.030223		10	0.004955		5	2.47734E-06		27	1.34E-05		77	3.8151E-05		194	9.61E-05
23.13305	332	3.17E-02	3.22E-02	7.73E+00		53	0.02546826		61	0.029313		10	0.004805		5	2.40267E-06		27	1.3E-05		77	3.70011E-05		194	9.32E-05
23.19972	336	3.10E-02	3.14E-02	7.52E+00		53	0.02480632		61	0.028551		10	0.00468		5	2.34022E-06		27	1.26E-05		77	3.60394E-05		194	9.08E-05
23.26639	340	3.03E-02	3.06E-02	7.35E+00		53	0.024245868		61	0.027906		10	0.004575		5	2.28735E-06		27	1.24E-05		77	3.52251E-05		194	8.87E-05
23.33306	344	2.97E-02	3.00E-02	7.20E+00		53	0.023749358		61	0.027334		10	0.004481	5	5	2.24051E-06	27	27	1.21E-05	77	77	3.45038E-05	194	194	8.69E-05
23.39972	348	2.83E-02	2.90E-02	6.96E+00		53	0.022948115		61	0.026412		10	0.00433		5	2.16492E-06		27	1.17E-05		77	3.33397E-05		194	8.4E-05
23.46639	352	2.60E-02	2.72E-02	6.52E+00		53	0.021493868		61	0.024738		10	0.004055		5	2.02772E-06		27	1.09E-05		77	3.12269E-05		194	7.87E-05
23.53306	356	2.31E-02	2.45E-02	5.89E+00		53	0.019415965		61	0.022347		10	0.003663		5	1.83169E-06		27	9.89E-06		77	2.82081E-05		194	7.11E-05
23.59972	360	1.98E-02	2.14E-02	5.14E+00		53	0.016942024		61	0.019499		10	0.003197		5	1.5983E-06		27	8.63E-06		77	2.46139E-05		194	6.2E-05
23.66639	364	1.65E-02	1.81E-02	4.35E+00		53	0.01433374		61	0.016497		10	0.002704		5	1.35224E-06		27	7.3E-06		77	2.08245E-05		194	5.25E-05
23.73306	368	1.33E-02	1.49E-02	3.57E+00		53	0.011779239		61	0.013557		10	0.002222		5	1.11125E-06		27	6E-06		77	1.71132E-05		194	4.31E-05
23.79972	372	1.03E-02	1.18E-02	2.84E+00		53	0.00934711		61	0.010758		10	0.001764		5	8.81803E-07		27	4.76E-06		77	1.35798E-05		194	3.42E-05
23.86639	376	8.14E-03	9.23E-03	2.21E+00		53	0.007299414		61	0.008401		10	0.001377		5	6.88624E-07		27	3.72E-06		77	1.06048E-05		194	2.67E-05
23.93306	380	6.58E-03	7.36E-03	1.77E+00		53	0.00582359		61	0.006703		10	0.001099		5	5.49395E-07		27	2.97E-06		77	8.46069E-06		194	2.13E-05
23.99972	384	5.39E-03	5.98E-03	1.44E+00		53	0.004735011		61	0.00545		10	0.000893		5	4.46699E-07		27	2.41E-06		77	6.87917E-06		194	1.73E-05
24.06639	388	4.44E-03	4.91E-03	1.18E+00		53	0.003887219		61	0.004474		10	0.000733		5	3.66719E-07		27	1.98E-06		77	5.64747E-06		194	1.42E-05
24.13305	392	3.64E-03	4.04E-03	9.69E-01		53	0.003194951		61	0.003677		10	0.000603		5	3.0141E-07		27	1.63E-06		77	4.64172E-06		194	1.17E-05
24.19972	396	2.97E-03	3.31E-03	7.93E-01		53	0.00261542		61	0.00301		10	0.000493		5	2.46738E-07		27	1.33E-06		77	3.79976E-06		194	9.57E-06
24.26639	400	2.38E-03	2.68E-03	6.42E-01		53	0.002117221		61	0.002437		10	0.000399		5	1.99738E-07		27	1.08E-06		77	3.07596E-06		194	7.75E-06
24.33306	404	1.86E-03	2.12E-03	5.09E-01		53	0.001678779		61	0.001932		10	0.000317		5	1.58375E-07		27	8.55E-07		77	2.43896E-06		194	6.14E-06
24.39972	408	1.42E-03	1.64E-03	3.94E-01		53	0.001299555		61	0.001496		10	0.000245		5	1.226E-07		27	6.62E-07		77	1.88803E-06		194	4.76E-06
24.46639	412	1.05E-03	1.23E-03	2.96E-01		53	0.000976602		61	0.001124		10	0.000184		5	9.21323E-08		27	4.98E-07		77	1.41884E-06		194	3.57E-06
24.53306	416	7.38E-04	8.92E-04	2.14E-01		53	0.000705998		61	0.000813		10	0.000133		5	6.66036E-08		27	3.6E-07		77	1.0257E-06		194	2.58E-06
24.59972	420	4.69E-04	6.03E-04	1.45E-01		53	0.000477176		61	0.000549		10	9E-05		5	4.50166E-08		27	2.43E-07		77	6.93256E-07		194	1.75E-06
24.66639	424	2.51E-04	3.60E-04	8.64E-02		53	0.000284846		61	0.000328		10	5.37E-05		5	2.68723E-08		27	1.45E-07		77	4.13833E-07		194	1.04E-06
24.73306	428	6.52E-05	1.58E-04	3.80E-02		53	0.000125305		61	0.000144		10	2.36E-05		5	1.18212E-08		27	6.38E-08		77	1.82047E-07		194	4.59E-07
	432		3.26E-05	7.83E-03		53	2.58106E-05		61	2.97E-05		10	4.87E-06		5	2.43496E-09		27	1.31E-08		77	3.74984E-08		194	9.45E-08
	436		0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
	440		0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0

Conduit CSO 1012

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.76E+03	5.47	7.12	19.35	1.51	0.00	0.01	0.02	0.05

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
18.26639	0	4.18E-05			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
18.33306	4	4.58E-04	2.50E-04	6.00E-02		80	0.0002984		761.5	0.00284		36.5	0.000136		7.5	2.79709E-08		172.5	6.43E-07		283.5	1.0573E-06		639	2.38E-06
18.39972	8	1.09E-03	7.76E-04	1.86E-01		80	0.0009268		761.5	0.008822		36.5	0.000423		7.5	8.68869E-08		172.5	2E-06		283.5	3.28432E-06		639	7.4E-06
18.46639	12	1.94E-03	1.52E-03	3.64E-01		80	0.0018122		761.5	0.01725		36.5	0.000827		7.5	1.6989E-07		172.5	3.91E-06		283.5	6.42165E-06		639	1.45E-05
18.53306	16	2.93E-03	2.44E-03	5.85E-01	69	58	0.0029092	451	358.5	0.027692	24	17.5	0.001327	4	5.5	2.72735E-07	130	107	6.27E-06	198	147.5	1.03094E-05	446	410.5	2.32E-05
18.59972	20	3.91E-03	3.42E-03	8.21E-01		58	0.0029615		358.5	0.018305		17.5	0.000894		5.5	2.80832E-07		107	5.46E-06		147.5	7.5314E-06		410.5	2.1E-05
18.66639	24	4.73E-03	4.32E-03	1.04E+00		58	0.0037389		358.5	0.02311		17.5	0.001128		5.5	3.54548E-07		107	6.9E-06		147.5	9.50833E-06		410.5	2.65E-05
18.73306	28	5.32E-03	5.02E-03	1.21E+00	47	42	0.0043482	266	238.5	0.026876	11	9.5	0.001312	7	5.5	4.12325E-07	84	69.5	8.02E-06	97	90.5	1.10578E-05	375	307	3.08E-05
18.79972	32	5.69E-03	5.50E-03	1.32E+00		42	0.0034501		238.5	0.019592		9.5	0.00078		5.5	4.51803E-07		69.5	5.71E-06		90.5	7.43422E-06		307	2.52E-05
18.86639	36	5.76E-03	5.73E-03	1.37E+00		42	0.0035901		238.5	0.020387		9.5	0.000812		5.5	4.70132E-07		69.5	5.94E-06		90.5	7.7358E-06		307	2.62E-05
18.93306	40	5.64E-03	5.70E-03	1.37E+00		42	0.003575		238.5	0.020301		9.5	0.000809		5.5	4.6815E-07		69.5	5.92E-06		90.5	7.70319E-06		307	2.61E-05
18.99972	44	5.48E-03	5.56E-03	1.33E+00	37	32	0.0034857	211	192.5	0.019794	8	7	0.000788	4	3.5	4.56467E-07	55	57	5.77E-06	84	101.5	7.51096E-06	239	258.5	2.55E-05
19.06639	48	5.34E-03	5.41E-03	1.30E+00		32	0.0025843		192.5	0.015546		7	0.000565		3.5	2.82661E-07		57	4.6E-06		101.5	8.19716E-06		258.5	2.09E-05
19.13305	52	5.26E-03	5.30E-03	1.27E+00		32	0.0025322		192.5	0.015233		7	0.000554		3.5	2.76959E-07		57	4.51E-06		101.5	8.03182E-06		258.5	2.05E-05
19.19972	56	5.28E-03	5.27E-03	1.26E+00		32	0.0025167		192.5	0.015139		7	0.000551		3.5	2.75261E-07		57	4.48E-06		101.5	7.98258E-06		258.5	2.03E-05
19.26639	60	5.70E-03	5.49E-03	1.32E+00	27	32	0.0026223	174	166.5	0.015775	6	7	0.000574	3	2	2.86813E-07	59	70.5	4.67E-06	119	102	8.31757E-06	278	310	2.12E-05
19.33306	64	6.87E-03	6.28E-03	1.51E+00		32	0.0030024		166.5	0.015622		7	0.000657		2	1.87653E-07		70.5	6.61E-06		102	9.57028E-06		310	2.91E-05
19.39972	68	8.19E-03	7.53E-03	1.81E+00		32	0.0035966		166.5	0.018714		7	0.000787		2	2.24788E-07		70.5	7.92E-06		102	1.14642E-05		310	3.48E-05
19.46639	72	9.74E-03	8.96E-03	2.15E+00		32	0.0042822		166.5	0.022281		7	0.000937		2	2.67638E-07		70.5	9.43E-06		102	1.36495E-05		310	4.15E-05
19.53306	76	1.16E-02	1.07E-02	2.56E+00	37	37.5	0.0050998	159	138	0.026535	8	7	0.001116	1	3.5	3.18737E-07	82	65.5	1.12E-05	85	81.5	1.62556E-05	342	325.5	4.94E-05
19.59972	80	1.35E-02	1.26E-02	3.01E+00		37.5	0.0070296		138	0.025869		7	0.001312		3.5	6.56098E-07		65.5	1.23E-05		81.5	1.52777E-05		325.5	6.1E-05
19.66639	84	1.53E-02	1.44E-02	3.45E+00		37.5	0.0080577		138	0.029652		7	0.001504		3.5	7.52049E-07		65.5	1.41E-05		81.5	1.7512E-05		325.5	6.99E-05
19.73306	88	1.70E-02	1.61E-02	3.87E+00		37.5	0.0090238		138	0.033208		7	0.001684		3.5	8.42225E-07		65.5	1.58E-05		81.5	1.96118E-05		325.5	7.83E-05
19.79972	92	1.81E-02	1.75E-02	4.20E+00	38	29	0.009805	117	110.5	0.036082	6	5.5	0.00183	6	8	9.1513E-07	49	36	1.71E-05	78	66	2.13094E-05	309	264	8.51E-05
19.86639	96	1.85E-02	1.83E-02	4.39E+00		29	0.0079164		110.5	0.030164		5.5	0.001501		8	2.18383E-06		36	9.83E-06		66	1.80166E-05		264	7.21E-05
19.93306	100	1.83E-02	1.84E-02	4.42E+00		29	0.007966		110.5	0.030353		5.5	0.001511		8	2.19752E-06		36	9.89E-06		66	1.81295E-05		264	7.25E-05
19.99972	104	1.77E-02	1.80E-02	4.32E+00	20	28	0.0077848	104	111	0.029663	5	6	0.001476	10	7.5	2.14753E-06	23	37	9.66E-06	54	50	1.77172E-05	219	258	7.09E-05
20.06639	108	1.69E-02	1.73E-02	4.14E+00		28	0.0072183		111	0.028615		6	0.001547		7.5	1.93348E-06		37	9.54E-06		50	1.28899E-05		258	6.65E-05
20.13305	112	1.72E-02	1.71E-02	4.09E+00		28	0.0071307		111	0.028268		6	0.001528		7.5	1.91002E-06		37	9.42E-06		50	1.27334E-05		258	6.57E-05
20.19972	116	1.87E-02	1.80E-02	4.31E+00		28	0.0075084		111	0.029765		6	0.001609		7.5	2.01117E-06		37	9.92E-06		50	1.34078E-05		258	6.92E-05
20.26639	120	2.10E-02	1.98E-02	4.76E+00	36	35	0.0082875	118	142.5	0.032854	7	8	0.001776	5	5	2.21987E-06	51	53	1.1E-05	46	51.5	1.47991E-05	297	258	7.64E-05
20.33306	124	2.43E-02	2.26E-02	5.43E+00		35	0.0118177		142.5	0.048115		8	0.002701		5	1.68824E-06		53	1.79E-05		51.5	1.73888E-05		258	8.71E-05
20.39972	128	3.07E-02	2.75E-02	6.60E+00		35	0.0143629		142.5	0.058477		8	0.003283		5	2.05184E-06		53	2.17E-05		51.5	2.1134E-05		258	0.000106
20.46639	132	3.92E-02	3.50E-02	8.39E+00		35	0.0182646		142.5	0.074363		8	0.004175		5	2.60922E-06		53	2.77E-05		51.5	2.6875E-05		258	0.000135
20.53306	136	5.19E-02	4.55E-02	1.09E+01	34	29.5	0.0237954	167	126.5	0.096881	9	8	0.005439	5	4	3.39935E-06	55	56.5	3.6E-05	57	60.5	3.50133E-05	219	235.5	0.000175
20.59972	140	7.46E-02	6.32E-02	1.52E+01		29.5	0.0278459		126.5	0.119407		8	0.007551		4	3.77571E-06		56.5	5.33E-05		60.5	5.71076E-05		235.5	0.000222
20.66639	144	0.119816	9.72E-02	2.33E+01		29.5	0.0428057		126.5	0.183557		8	0.011608		4	5.80416E-06		56.5	8.2E-05		60.5	8.77879E-05		235.5	0.000342
20.73306	148	0.2190176	1.69E-01	4.07E+01		29.5	0.0746115		126.5	0.319944		8	0.020234		4	1.01168E-05		56.5	0.000143		60.5	0.000153017		235.5	0.000596
20.79972	152	0.3087658	2.64E-01	6.33E+01	25	27.5	0.1162184	86	107.5	0.49836	7	8	0.031517	3	3	1.57584E-05	58	59.5	0.000223	64	64.5	0.000238346	252	277	0.000928
20.86639	156	0.4044643	3.57E-01	8.56E+01		27.5	0.1464063		107.5	0.572315		8	0.042591		3	1.59716E-05		59.5	0.000317		64.5	0.000343389		277	0.001475
20.93306	160	0.4934098	4.49E-01	1.08E+02		27.5	0.1843085		107.5	0.720479		8	0.053617		3	2.01064E-05		59.5	0.000399		64.5	0.000432287		277	0.001856
20.99972	164	0.5552027	5.24E-01	1.26E+02		27.5	0.2152509		107.5	0.841435		8	0.062618		3	2.34819E-05		59.5	0.000466		64.5	0.000504861		277	0.002168
21.06639	168	0.5996796	5.77E-01	1.39E+02	30	40.5	0.2370652	129	118	0.926709	9	9.5	0.068964	3	4	2.58617E-05	61	54	0.000513	65	64	0.000556026	302	269	0.002388
21.13305	172	0.6128852	6.06E-01	1.46E+02		40.5	0.3665703		118	1.068032		9.5	0.085986		4	3.62045E-05		54	0.000489		64	0.000579272		269	0.002435
21.19972	176	0.6025907	6.08E-01	1.46E+02		40.5	0.3674504		118	1.070596		9.5	0.086192		4	3.62914E-05		54	0.00049		64	0.000580662		269	0.002441
21.26639	180	0.5807517	5.92E-01	1.42E+02	51	47	0.3577361	107	114	1.042293	10	9	0.083913	5	7	3.5332E-05	47	48	0.000477	63	102.5	0.000565311	236	271	0.002376
21.33306	184	0.5435332	5.62E-01	1.35E+02		47	0.3944315		114	0.956706		9	0.075529		7	5.87451E-05		48	0.000403		102.5	0.000860196		271	0.002274
21.39972	188	0.5028337	5.23E-01	1.26E+02		47	0.3670956		114	0.890402		9	0.070295		7	5.46738E-05		48	0.000375		102.5	0.000800581		271	0.002117
21.46639	192	0.4586663	4.81E-01	1.15E+02		47	0.3373218		114	0.818185		9	0.064594		7	5.02394E-05		48	0.000344		102.5	0.000735649		271	0.001945
21.53306	196	0.4166651	4.38E-01	1.05E+02		47	0.3070914		114	0.74486		9	0.058805	9	7	4.5737E-05	49	42	0.000314	142	140.5	0.000669721	306	294	0.001771
21.59972	200	0.3794048	3.98E-01	9.55E+01		47	0.2792842		114	0.677413		9	0.05348		7	4.15955E-05		42	0.00025		140.5	0.000634882		294	0.001747
21.66639	204	0.3517534	3.66E-01	8.77E+01		47	0.2565113		114	0.622176		9	0.049119		7	3.82038E-05		42	0.000229		140.5	0.000766805		294	0.001605
21.73306	208	0.3265141	3.39E-01	8.14E+01		47	0.2379557		114	0.577169		9	0.045566		7	3.54402E-05		42	0.000213		140.5	0.000711336		294	0.001488
21.79972	212	0.3096869	3.18E-01	7.63E+01		47	0.2231976		114	0.541373		9	0.04274		7	3.32422E-05		42	0.000199		140.5	0.000667218		294	0.001396

Conduit CSO 1012

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.76E+03	5.47	7.12	19.35	1.51	0.00	0.01	0.02	0.05

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
21.86639	216	0.2960889	3.03E-01	7.27E+01		47	0.2125236		114	0.515483		9	0.040696		7	3.16524E-05		42	0.00019		140.5	0.00063531		294	0.001329
21.93306	220	0.2833599	2.90E-01	6.95E+01		47	0.2032873		114	0.49308		9	0.038927		7	3.02768E-05		42	0.000182		140.5	0.000607699		294	0.001272
21.99972	224	0.273782	2.79E-01	6.69E+01		47	0.1954614		114	0.474098		9	0.037429	5	4	2.91113E-05	35	37.5	0.000175	139	120.5	0.000584305	282	252.5	0.001223
22.06639	228	0.2700116	2.72E-01	6.53E+01		47	0.1907784		114	0.462739		9	0.036532		4	1.62365E-05		37.5	0.000152		120.5	0.000489123		252.5	0.001025
22.13305	232	0.2647727	2.67E-01	6.42E+01		47	0.1876177		114	0.455073		9	0.035927		4	1.59675E-05		37.5	0.00015		120.5	0.00048102		252.5	0.001008
22.19972	236	0.2582549	2.62E-01	6.28E+01		47	0.1834931		114	0.445068		9	0.035137		4	1.56164E-05		37.5	0.000146		120.5	0.000470445		252.5	0.000986
22.26639	240	0.249842	2.54E-01	6.10E+01	43	48	0.178255	121	91	0.432363	8	9	0.034134	3	4	1.51706E-05	40	37.5	0.000142	102	120.5	0.000457015	223	252.5	0.000958
22.33306	244	0.2391877	2.45E-01	5.87E+01		48	0.175216		91	0.33218		9	0.032853		4	1.46013E-05		37.5	0.000137		120.5	0.000439865		252.5	0.000922
22.39972	248	0.2211385	2.30E-01	5.52E+01		48	0.1649317		91	0.312683		9	0.030925		4	1.37443E-05		37.5	0.000129		120.5	0.000414047		252.5	0.000868
22.46639	252	0.1998269	2.10E-01	5.05E+01		48	0.150629		91	0.285947		9	0.02828		4	1.25691E-05		37.5	0.000118		120.5	0.000378644		252.5	0.000793
22.53306	256	0.175692	1.88E-01	4.51E+01		48	0.1345459		91	0.255077		9	0.025227	5	5	1.12122E-05	35	35	0.000105	139	139	0.000337766	282	282	0.000708
22.59972	260	0.1449414	1.60E-01	3.85E+01		48	0.1148808		91	0.217795		9	0.02154		5	1.19667E-05		35	8.38E-05		139	0.000332676		282	0.000675
22.66639	264	0.1009942	1.23E-01	2.95E+01		48	0.0881171		91	0.167055		9	0.016522		5	9.17886E-06		35	6.43E-05		139	0.000255172		282	0.000518
22.73306	268	6.96E-02	8.53E-02	2.05E+01		48	0.0611382		91	0.115908		9	0.011463		5	6.36856E-06		35	4.46E-05		139	0.000177048		282	0.000359
22.79972	272	4.69E-02	5.83E-02	1.40E+01		48	0.0417603		91	0.07917		9	0.00783	5	5	4.35003E-06	35	35	3.05E-05	139	139	0.000120931	282	282	0.000245
22.86639	276	3.03E-02	3.86E-02	9.27E+00		48	0.0276724		91	0.052462		9	0.005189		5	2.88254E-06		35	2.02E-05		139	8.01347E-05		282	0.000163
22.93306	280	1.98E-02	2.51E-02	6.02E+00		48	0.0179681		91	0.034065		9	0.003369		5	1.87168E-06		35	1.31E-05		139	5.20326E-05		282	0.000106
22.99972	284	1.31E-02	1.65E-02	3.95E+00		48	0.0118058		91	0.022382		9	0.002214	5	4	1.22977E-06	35	33.5	8.61E-06	139	96	3.41875E-05	282	215	6.94E-05
23.06639	288	8.46E-03	1.08E-02	2.59E+00		48	0.0077346		91	0.014664		9	0.00145		4	6.44552E-07		33.5	5.4E-06		96	1.54692E-05		215	3.46E-05
23.13305	292	5.46E-03	6.96E-03	1.67E+00		48	0.0049899		91	0.00946		9	0.000936		4	4.15824E-07		33.5	3.48E-06		96	9.97978E-06		215	2.24E-05
23.19972	296	3.74E-03	4.60E-03	1.10E+00		48	0.0032962		91	0.006249		9	0.000618		4	2.74683E-07		33.5	2.3E-06		96	6.5924E-06		215	1.48E-05
23.26639	300	2.88E-03	3.31E-03	7.94E-01	53	53	0.0023701	61	61	0.004493	10	10	0.000444	3	4	1.97511E-07	32	29.5	1.65E-06	53	65	4.74025E-06	148	171	1.06E-05
23.33306	304	2.55E-03	2.71E-03	6.52E-01		53	0.0021481		61	0.002472		10	0.000405		4	1.6212E-07		29.5	1.2E-06		65	2.63445E-06		171	8.93E-06
23.39972	308	2.27E-03	2.41E-03	5.78E-01		53	0.0019067		61	0.002195		10	0.00036		4	1.43904E-07		29.5	1.06E-06		65	2.33844E-06		171	6.15E-06
23.46639	312	2.12E-03	2.19E-03	5.26E-01		53	0.0017356		61	0.001998		10	0.000327		4	1.30988E-07		29.5	9.66E-07		65	2.12855E-06		171	5.6E-06
23.53306	316	2.05E-03	2.08E-03	5.00E-01		53	0.0016479		61	0.001897		10	0.000311	5	5	1.24366E-07	27	27	9.17E-07	77	77	2.02095E-06	194	194	5.32E-06
23.59972	320	1.69E-03	1.87E-03	4.48E-01		53	0.0014773		61	0.0017		10	0.000279		5	1.39371E-07		27	7.53E-07		77	2.14831E-06		194	5.41E-06
23.66639	324	9.60E-04	1.32E-03	3.18E-01		53	0.0010472		61	0.001205		10	0.000198		5	9.87896E-08		27	5.33E-07		77	1.52136E-06		194	3.83E-06
23.73306	328	1.92E-04	5.76E-04	1.38E-01		53	0.0004557		61	0.000524		10	8.6E-05		5	4.29874E-08		27	2.32E-07		77	6.62005E-07		194	1.67E-06
	332		9.58E-05	2.30E-02		53	7.58E-05		61	8.72E-05		10	1.43E-05		5	7.15068E-09		27	3.86E-08		77	1.1012E-07		194	2.77E-07
	336		0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
	340		0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0

Conduit CSO 1013

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
8.58E+02	5.73	2.28	6.09	0.47	0.00	0.00	0.01	0.01

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
18.06639	0	4.38E-04			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
18.13305	4	1.56E-03	9.99E-04	2.40E-01		80	0.001193		761.5	0.011354		36.5	0.000544		7.5	1.11829E-07		172.5	2.5721E-06		283.5	4.23E-06		639	9.52782E-06
18.19972	8	3.47E-03	2.52E-03	6.04E-01		80	0.003004		761.5	0.028596		36.5	0.001371		7.5	2.81639E-07		172.5	6.4777E-06		283.5	1.06E-05		639	2.39957E-05
18.26639	12	5.99E-03	4.73E-03	1.14E+00		80	0.00565		761.5	0.053782		36.5	0.002578		7.5	5.29696E-07		172.5	1.2183E-05		283.5	2E-05		639	4.51301E-05
18.33306	16	8.81E-03	7.40E-03	1.78E+00	69	58	0.008836	451	358.5	0.084109	24	17.5	0.004031	4	5.5	8.28384E-07	130	107	1.9053E-05	198	147.5	3.13E-05	446	410.5	7.05783E-05
18.39972	20	1.13E-02	1.01E-02	2.42E+00		58	0.008716		358.5	0.053875		17.5	0.00263		5.5	8.26531E-07		107	1.608E-05		147.5	2.22E-05		410.5	6.16893E-05
18.46639	24	1.32E-02	1.22E-02	2.94E+00		58	0.010605		358.5	0.06555		17.5	0.0032		5.5	1.00565E-06		107	1.9565E-05		147.5	2.7E-05		410.5	7.50584E-05
18.53306	28	1.42E-02	1.37E-02	3.28E+00	47	42	0.011849	266	238.5	0.073241	11	9.5	0.003575	7	5.5	1.12364E-06	84	69.5	2.186E-05	97	90.5	3.01E-05	375	307	8.38645E-05
18.59972	32	1.44E-02	1.43E-02	3.44E+00		42	0.00898		238.5	0.050992		9.5	0.002031		5.5	1.17592E-06		69.5	1.4859E-05		90.5	1.93E-05		307	6.5638E-05
18.66639	36	1.41E-02	1.43E-02	3.42E+00		42	0.00894		238.5	0.050764		9.5	0.002022		5.5	1.17066E-06		69.5	1.4793E-05		90.5	1.93E-05		307	6.53438E-05
18.73306	40	1.34E-02	1.37E-02	3.29E+00		42	0.008605		238.5	0.048864		9.5	0.001946		5.5	1.12684E-06		69.5	1.4239E-05		90.5	1.85E-05		307	6.28982E-05
18.79972	44	1.27E-02	1.30E-02	3.12E+00	37	32	0.00816	211	192.5	0.046339	8	7	0.001846	4	3.5	1.06861E-06	55	57	1.3503E-05	84	101.5	1.76E-05	239	258.5	5.9648E-05
18.86639	48	1.22E-02	1.24E-02	2.98E+00		32	0.005926		192.5	0.035649		7	0.001296		3.5	6.48158E-07		57	1.0556E-05		101.5	1.88E-05		258.5	4.78711E-05
18.93306	52	1.21E-02	1.21E-02	2.91E+00		32	0.005794		192.5	0.034856		7	0.001267		3.5	6.33741E-07		57	1.0321E-05		101.5	1.84E-05		258.5	4.68063E-05
18.99972	56	1.27E-02	1.24E-02	2.98E+00		32	0.005934		192.5	0.035696		7	0.001298		3.5	6.49016E-07		57	1.057E-05		101.5	1.88E-05		258.5	4.79345E-05
19.06639	60	1.42E-02	1.35E-02	3.23E+00	27	13.5	0.006427	174	87	0.03866	6	3	0.001406	3	1.5	7.02901E-07	59	29.5	1.1447E-05	119	59.5	2.04E-05	278	139	5.19143E-05
19.13305	64	1.63E-02	1.52E-02	3.65E+00		13.5	0.003068		87	0.019774		3	0.000682		1.5	3.40926E-07		29.5	6.7049E-06		59.5	1.35E-05		139	3.15925E-05
19.19972	68	1.89E-02	1.76E-02	4.22E+00		13.5	0.003542		87	0.022828		3	0.000787		1.5	3.93579E-07		29.5	7.7404E-06		59.5	1.56E-05		139	3.64716E-05
19.26639	72	2.19E-02	2.04E-02	4.89E+00	37	37.5	0.00411	159	138	0.026486	8	7	0.000913	1	3.5	4.5665E-07	82	65.5	8.9808E-06	85	81.5	1.81E-05	342	325.5	4.23162E-05
19.33306	76	2.78E-02	2.49E-02	5.97E+00		37.5	0.013929		138	0.051257		7	0.0026		3.5	1.3E-06		65.5	2.4329E-05		81.5	3.03E-05		325.5	0.0001209
19.39972	80	3.44E-02	3.11E-02	7.46E+00		37.5	0.017412		138	0.064078		7	0.00325		3.5	1.62516E-06		65.5	3.0414E-05		81.5	3.78E-05		325.5	0.00015114
19.46639	84	4.01E-02	3.73E-02	8.94E+00	38	29	0.020857	117	110.5	0.076753	6	5.5	0.003893	6	8	1.94664E-06	49	36	3.643E-05	78	66	4.53E-05	309	264	0.000181037
19.53306	88	4.44E-02	4.23E-02	1.01E+01		29	0.018305		110.5	0.069748		5.5	0.003472		8	5.04965E-06		36	2.2723E-05		66	4.17E-05		264	0.000166638
19.59972	92	4.67E-02	4.56E-02	1.09E+01		29	0.019731		110.5	0.075183		5.5	0.003742		8	5.44314E-06		36	2.4494E-05		66	4.49E-05		264	0.000179624
19.66639	96	4.73E-02	4.70E-02	1.13E+01	20	28	0.020358	104	111	0.077572	5	6	0.003861	10	7.5	5.61609E-06	23	37	2.5272E-05	54	50	4.63E-05	219	258	0.000185331
19.73306	100	4.68E-02	4.71E-02	1.13E+01		28	0.019675		111	0.077997		6	0.004216		7.5	5.27007E-06		37	2.5999E-05		50	3.51E-05		258	0.00018129
19.79972	104	4.58E-02	4.63E-02	1.11E+01		28	0.019364		111	0.076763		6	0.004149		7.5	5.18668E-06		37	2.5588E-05		50	3.46E-05		258	0.000178422
19.86639	108	4.49E-02	4.54E-02	1.09E+01	36	35	0.01896	118	142.5	0.075162	7	8	0.004063	5	5	5.07853E-06	51	53	2.5054E-05	46	51.5	3.39E-05	297	258	0.000174702
19.93306	112	4.43E-02	4.46E-02	1.07E+01		35	0.023303		142.5	0.094875		8	0.005326		5	3.32895E-06		53	3.5287E-05		51.5	3.43E-05		258	0.000171774
19.99972	116	4.41E-02	4.42E-02	1.06E+01		35	0.023083		142.5	0.093981		8	0.005276		5	3.29757E-06		53	3.4954E-05		51.5	3.4E-05		258	0.000170154
20.06639	120	4.42E-02	4.41E-02	1.06E+01	34	29.5	0.023055	167	126.5	0.093867	9	8	0.00527	5	4	3.29357E-06	55	56.5	3.4912E-05	57	60.5	3.39E-05	219	235.5	0.000169948
20.13305	124	4.69E-02	4.56E-02	1.09E+01		29.5	0.020069		126.5	0.08606		8	0.005443		4	2.72127E-06		56.5	3.8438E-05		60.5	4.12E-05		235.5	0.000160215
20.19972	128	5.31E-02	5.00E-02	1.20E+01		29.5	0.022028		126.5	0.094458		8	0.005974		4	2.98683E-06		56.5	4.2189E-05		60.5	4.52E-05		235.5	0.000175849
20.26639	132	5.98E-02	5.65E-02	1.35E+01	25	27.5	0.024863	86	107.5	0.106617	7	8	0.006743	3	3	3.37129E-06	58	59.5	4.762E-05	64	64.5	5.1E-05	252	277	0.000198485
20.33306	136	6.74E-02	6.36E-02	1.53E+01		27.5	0.026109		107.5	0.102064		8	0.007595		3	2.84829E-06		59.5	5.6491E-05		64.5	6.12E-05		277	0.000262992
20.39972	140	7.63E-02	7.18E-02	1.72E+01		27.5	0.029483		107.5	0.11525		8	0.008577		3	3.21628E-06		59.5	6.379E-05		64.5	6.92E-05		277	0.00029697
20.46639	144	8.57E-02	8.10E-02	1.94E+01	30	40.5	0.033239	129	118	0.129936	9	9.5	0.00967	3	4	3.62612E-06	61	54	7.1918E-05	65	64	7.8E-05	302	269	0.000334812
20.53306	148	9.49E-02	9.03E-02	2.17E+01		40.5	0.054598		118	0.159076		9.5	0.012807		4	5.39239E-06		54	7.2797E-05		64	8.63E-05		269	0.000362638
20.59972	152	0.103381	9.92E-02	2.38E+01		40.5	0.059951		118	0.174673		9.5	0.014063		4	5.92113E-06		54	7.9935E-05		64	9.47E-05		269	0.000398196
20.66639	156	0.110596	1.07E-01	2.57E+01	51	47	0.064687	107	114	0.188472	10	9	0.015174	5	7	6.38888E-06	47	48	6.625E-05	63	102.5	0.000102	236	271	0.000429652
20.73306	160	0.1164928	1.14E-01	2.73E+01		47	0.079669		114	0.19324		9	0.015256		7	1.18656E-05		48	8.1364E-05		102.5	0.000174		271	0.00045937
20.79972	164	0.1211031	1.19E-01	2.85E+01		47	0.083355		114	0.202181		9	0.015962		7	1.24146E-05		48	8.5129E-05		102.5	0.000182		271	0.000480624
20.86639	168	0.1229394	1.22E-01	2.93E+01		47	0.085617		114	0.207667		9	0.016395	9	7	1.27515E-05	49	42	8.7439E-05	142	140.5	0.000187	306	294	0.000493665
20.93306	172	0.1198784	1.21E-01	2.91E+01		47	0.085187		114	0.206625		9	0.016312		7	1.26875E-05		42	7.6125E-05		140.5	0.000255		294	0.000532875
20.99972	176	0.1139166	1.17E-01	2.81E+01		47	0.082022		114	0.198947		9	0.015706		7	1.2216E-05		42	7.3296E-05		140.5	0.000245		294	0.000513074
21.06639	180	0.1061967	1.10E-01	2.64E+01		47	0.077222		114	0.187305		9	0.014787		7	1.15012E-05		42	6.9007E-05		140.5	0.000231		294	0.000483049
21.13305	184	9.79E-02	1.02E-01	2.45E+01		47	0.071588		114	0.17364		9	0.013708		7	1.06621E-05		42	6.3973E-05		140.5	0.000214		294	0.000447808
21.19972	188	8.97E-02	9.38E-02	2.25E+01		47	0.065816		114	0.15964		9	0.012603		7	9.80245E-06		42	5.8815E-05		140.5	0.000197		294	0.000411703
21.26639	192	8.23E-02	8.60E-02	2.07E+01		47	0.060373		114	0.146437		9	0.011561	5	4	8.99175E-06	35	37.5	5.3951E-05	139	120.5	0.00018	282	252.5	0.000377654
21.33306	196	7.59E-02	7.91E-02	1.90E+01		47	0.055522		114	0.134669		9	0.010632		4	4.72524E-06		37.5	4.4299E-05		120.5	0.000142		252.5	0.000298281
21.39972	200	7.05E-02	7.32E-02	1.76E+01		47	0.051366		114	0.124591		9	0.009836		4	4.37161E-06		37.5	4.0984E-05		120.5	0.000132		252.5	0.000275958
21.46639	204	6.60E-02	6.83E-02	1.64E+01	43	48	0.047894	121	91	0.116168	8	9	0.009171	3	4	4.07607E-06	40	37.5	3.8213E-05	102	120.5	0.000123	223	252.5	0.000257302
21.53306	208	6.23E-02	6.42E-02	1.54E+01		48	0.045982		91	0.087175		9	0.008622		4	3.83187E-06		37.5	3.5924E-05		120.5	0.000115		252.5	0.000241887
21.59972	212	5.93E-02	6.08E-02	1.46E+01		48	0.043564		91	0.08259		9	0.008168		4	3.63035E-06		37.5	3.4035E-05		120.5	0.000109		252.5	0.000229166
21.66639	216	5.67E-02	5.80E-02	1.39E+01		48	0.04154		91	0.078754		9	0.007789	5	5	3.4617E-06	35	35	3.2453E-05	139	139	0.000104	282	282	0.00021852
21.73306	220	5.41E-02	5.54E-02	1.33E+01		48	0.039689		91	0.075244		9	0.007442		5	4.13427E-06		35	2.894E-05		139	0.000115		282	0.000233173
21.79972	224	5.14E-02	5.28E-02	1.27E+01		48	0.037805		91	0.071671		9	0.007088		5	3.93799E-06		35	2.7566E-05		139	0.000109		282	0.000222103
21.86639	228	4.92E-02	5.03E-02	1.21E+01		48	0.036054		91	0.068353		9	0.00676	5	5	3.75566E-06	35	35	2.629E-05	139	139	0.000104	282	282	0.000211819
21.93306	232	4.73E-02	4.83E-02	1.16E+01		48	0.034585		91	0.065568		9	0.006485		5	3.60265E-06		35	2.5219E-05		139	0.0001		282	0.000203189
21.99972	236	4.57E-02	4.65E-02	1.12E+01		48	0.033314		91	0.063158		9	0.006246		5	3.47019E-06		35	2.4291E-05		139	9.65E-05		282	0.000195719
22.06639	240	4.42E-02	4.49E-02	1.08E+01		48	0.0322		91	0.061046		9	0.006038	5	4	3.35417E-06	35	33.5	2.3479E-05	139	96	9.32E-05	282	215	0.000189175

Conduit CSO 1013

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
8.58E+02	5.73	2.28	6.09	0.47	0.00	0.00	0.01	0.01

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
22.13305	244	4.30E-02	4.36E-02	1.05E+01		48	0.03123		91	0.059207		9	0.005856		4	2.60249E-06		33.5	2.1796E-05		96	6.25E-05		215	0.000139884
22.19972	248	4.19E-02	4.24E-02	1.02E+01		48	0.030412		91	0.057656		9	0.005702		4	2.53435E-06		33.5	2.1225E-05		96	6.08E-05		215	0.000136221
22.26639	252	4.10E-02	4.15E-02	9.95E+00	53	53	0.029718	61	61	0.05634	10	10	0.005572	3	4	2.47648E-06	32	29.5	2.0741E-05	53	65	5.94E-05	148	171	0.000133111
22.33306	256	4.01E-02	4.06E-02	9.74E+00		53	0.032096		61	0.036941		10	0.006056		4	2.42234E-06		29.5	1.7865E-05		65	3.94E-05		171	0.000103555
22.39972	260	3.81E-02	3.91E-02	9.38E+00		53	0.030931		61	0.035599		10	0.005836		4	2.33438E-06		29.5	1.7216E-05		65	3.79E-05		171	9.97948E-05
22.46639	264	3.51E-02	3.66E-02	8.78E+00		53	0.028938		61	0.033306		10	0.00546	5	5	2.18401E-06	27	27	1.6107E-05	77	77	3.55E-05	194	194	9.33662E-05
22.53306	268	3.15E-02	3.33E-02	7.99E+00		53	0.026348		61	0.030325		10	0.004971		5	2.48569E-06		27	1.3423E-05		77	3.83E-05		194	9.64447E-05
22.59972	272	2.77E-02	2.96E-02	7.11E+00		53	0.02345		61	0.026989		10	0.004424		5	2.21222E-06		27	1.1946E-05		77	3.41E-05		194	8.58341E-05
22.66639	276	2.40E-02	2.58E-02	6.20E+00		53	0.020453		61	0.02354		10	0.003859		5	1.92954E-06		27	1.042E-05		77	2.97E-05		194	7.48663E-05
22.73306	280	2.11E-02	2.25E-02	5.40E+00		53	0.017817		61	0.020506		10	0.003382		5	1.6808E-06		27	9.0763E-06		77	2.59E-05		194	6.52152E-05
22.79972	284	1.89E-02	2.00E-02	4.79E+00		53	0.015802		61	0.018187		10	0.002981		5	1.49073E-06		27	8.0499E-06		77	2.3E-05		194	5.78403E-05
22.86639	288	1.69E-02	1.79E-02	4.29E+00		53	0.01414		61	0.016274		10	0.002668	5	5	1.33396E-06	27	27	7.2034E-06	77	77	2.05E-05	194	194	5.17578E-05
22.93306	292	1.52E-02	1.60E-02	3.85E+00		53	0.012681		61	0.014595		10	0.002393		5	1.19633E-06		27	6.4602E-06		77	1.84E-05		194	4.64176E-05
22.99972	296	1.37E-02	1.45E-02	3.47E+00		53	0.011437		61	0.013163		10	0.002158		5	1.07895E-06		27	5.8263E-06		77	1.66E-05		194	4.18633E-05
23.06639	300	1.25E-02	1.31E-02	3.15E+00		53	0.010397		61	0.011966		10	0.001962		5	9.80804E-07		27	5.2963E-06		77	1.51E-05		194	3.80552E-05
23.13305	304	1.16E-02	1.21E-02	2.89E+00		53	0.009541		61	0.010981		10	0.0018		5	9.00087E-07		27	4.8605E-06		77	1.39E-05		194	3.49234E-05
23.19972	308	1.08E-02	1.12E-02	2.68E+00		53	0.008849		61	0.010185		10	0.00167		5	8.34812E-07		27	4.508E-06		77	1.29E-05		194	3.23907E-05
23.26639	312	1.02E-02	1.05E-02	2.51E+00		53	0.008291		61	0.009543		10	0.001564		5	7.82195E-07		27	4.2239E-06		77	1.2E-05		194	3.03492E-05
23.33306	316	9.58E-03	9.87E-03	2.37E+00		53	0.007809		61	0.008988		10	0.001473		5	7.36703E-07		27	3.9782E-06		77	1.13E-05		194	2.85841E-05
23.39972	320	8.52E-03	9.05E-03	2.17E+00		53	0.00716		61	0.00824		10	0.001351		5	6.75432E-07		27	3.6473E-06		77	1.04E-05		194	2.62068E-05
23.46639	324	7.02E-03	7.77E-03	1.86E+00		53	0.006147		61	0.007075		10	0.00116		5	5.79944E-07		27	3.1317E-06		77	8.93E-06		194	2.25018E-05
23.53306	328	5.27E-03	6.14E-03	1.47E+00		53	0.004861		61	0.005595		10	0.000917		5	4.58632E-07		27	2.4766E-06		77	7.06E-06		194	1.77949E-05
23.59972	332	3.55E-03	4.41E-03	1.06E+00		53	0.00349		61	0.004017		10	0.000659		5	3.29281E-07		27	1.7781E-06		77	5.07E-06		194	1.27781E-05
23.66639	336	2.04E-03	2.80E-03	6.71E-01		53	0.002212		61	0.002545		10	0.000417		5	2.08646E-07		27	1.1267E-06		77	3.21E-06		194	8.09547E-06
23.73306	340	8.44E-04	1.44E-03	3.46E-01		53	0.00114		61	0.001313		10	0.000215		5	1.07592E-07		27	5.81E-07		77	1.66E-06		194	4.17458E-06
23.79972	344	4.99E-05	4.47E-04	1.07E-01		53	0.000354		61	0.000407		10	6.67E-05		5	3.33614E-08		27	1.8015E-07		77	5.14E-07		194	1.29442E-06
18.46639	348	0	2.49E-05	5.99E-03		53	1.97E-05		61	2.27E-05		10	3.72E-06		5	1.86202E-09		27	1.0055E-08		77	2.87E-08		194	7.22465E-08
18.53306	352	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
18.59972	356	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
18.66639	360	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0

Conduit CSO 1016

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
1.61E+03	5.60	3.91	12.74	0.86	0.00	0.01	0.01	0.03

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharg lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
18.06639	0	2.09E-03			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
18.13305	4	6.39E-03	4.24E-03	1.02E+00		80	0.00506		761.5	0.048166		36.5	0.002309		7.5	4.74389E-07		172.5	1.09E-05		283.5	1.79319E-05		639	4.04E-05
18.19972	8	1.24E-02	9.38E-03	2.25E+00		80	0.011201		761.5	0.10662		36.5	0.00511		7.5	1.0501E-06		172.5	2.42E-05		283.5	3.96937E-05		639	8.95E-05
18.26639	12	1.91E-02	1.57E-02	3.77E+00		80	0.018772		761.5	0.178687		36.5	0.008565		7.5	1.75989E-06		172.5	4.05E-05		283.5	6.65238E-05		639	0.00015
18.33306	16	2.53E-02	2.22E-02	5.32E+00	69	58	0.026467	451	358.5	0.251932	24	17.5	0.012076	4	5.5	2.48128E-06	130	107	5.71E-05	198	147.5	9.37922E-05	446	410.5	0.000211
18.39972	20	2.91E-02	2.72E-02	6.52E+00		58	0.02352		358.5	0.145378		17.5	0.007097		5.5	2.23035E-06		107	4.34E-05		147.5	5.98138E-05		410.5	0.000166
18.46639	24	2.98E-02	2.94E-02	7.07E+00		58	0.025492		358.5	0.157565		17.5	0.007691		5.5	2.41731E-06		107	4.7E-05		147.5	6.4828E-05		410.5	0.00018
18.53306	28	2.81E-02	2.90E-02	6.95E+00	47	42	0.025087	266	238.5	0.155063	11	9.5	0.007569	7	5.5	2.37893E-06	84	69.5	4.63E-05	97	90.5	6.37986E-05	375	307	0.000178
18.59972	32	2.52E-02	2.67E-02	6.40E+00		42	0.016731		238.5	0.095008		9.5	0.003784		5.5	2.19096E-06		69.5	2.77E-05		90.5	3.60512E-05		307	0.000122
18.66639	36	2.22E-02	2.37E-02	5.69E+00		42	0.014865		238.5	0.084414		9.5	0.003362		5.5	1.94665E-06		69.5	2.46E-05		90.5	3.20313E-05		307	0.000109
18.73306	40	2.02E-02	2.12E-02	5.08E+00		42	0.01328		238.5	0.075412		9.5	0.003004		5.5	1.73906E-06		69.5	2.2E-05		90.5	2.86155E-05		307	9.71E-05
18.79972	44	2.04E-02	2.03E-02	4.87E+00	37	32	0.012713	211	192.5	0.07219	8	7	0.002876	4	3.5	1.66477E-06	55	57	2.1E-05	84	101.5	2.7393E-05	239	258.5	9.29E-05
18.86639	48	2.34E-02	2.19E-02	5.26E+00		32	0.010465		192.5	0.062951		7	0.002289		3.5	1.14457E-06		57	1.86E-05		101.5	3.31925E-05		258.5	8.45E-05
18.93306	52	2.95E-02	2.65E-02	6.36E+00		32	0.012652		192.5	0.076109		7	0.002768		3.5	1.3838E-06		57	2.25E-05		101.5	4.01303E-05		258.5	0.000102
18.99972	56	3.87E-02	3.41E-02	8.18E+00		32	0.01629		192.5	0.097997		7	0.003564		3.5	1.78177E-06		57	2.9E-05		101.5	5.16714E-05		258.5	0.000132
19.06639	60	4.99E-02	4.43E-02	1.06E+01	27	32	0.021156	174	166.5	0.127269	6	7	0.004628	3	2	2.31398E-06	59	70.5	3.77E-05	119	102	6.71054E-05	278	310	0.000171
19.13305	64	6.33E-02	5.66E-02	1.36E+01		32	0.027038		166.5	0.140681		7	0.005915		2	1.68986E-06		70.5	5.96E-05		102	8.6183E-05		310	0.000262
19.19972	68	7.67E-02	7.00E-02	1.68E+01		32	0.033436		166.5	0.173972		7	0.007314		2	2.08976E-06		70.5	7.37E-05		102	0.000106578		310	0.000324
19.26639	72	8.73E-02	8.20E-02	1.97E+01		32	0.039172		166.5	0.203819		7	0.008569		2	2.44828E-06		70.5	8.63E-05		102	0.000124862		310	0.000379
19.33306	76	9.71E-02	9.22E-02	2.21E+01	37	37.5	0.044041	159	138	0.229151	8	7	0.009634	1	3.5	2.75256E-06	82	65.5	9.7E-05	85	81.5	0.000140381	342	325.5	0.000427
19.39972	80	0.1025156	9.98E-02	2.40E+01		37.5	0.055868		138	0.205596		7	0.010429		3.5	5.21439E-06		65.5	9.76E-05		81.5	0.000121421		325.5	0.000485
19.46639	84	0.1016371	1.02E-01	2.45E+01		37.5	0.057146		138	0.210296		7	0.010667		3.5	5.3336E-06		65.5	9.98E-05		81.5	0.000124197		325.5	0.000496
19.53306	88	9.70E-02	9.93E-02	2.38E+01		37.5	0.055614		138	0.204661		7	0.010381		3.5	5.19067E-06		65.5	9.71E-05		81.5	0.000120868		325.5	0.000483
19.59972	92	9.04E-02	9.37E-02	2.25E+01	38	29	0.052458	117	110.5	0.193044	6	5.5	0.009792	6	8	4.89605E-06	49	36	9.16E-05	78	66	0.000114008	309	264	0.000455
19.66639	96	8.34E-02	8.69E-02	2.08E+01		29	0.037609		110.5	0.143302		5.5	0.007133		8	1.03748E-05		36	4.67E-05		66	8.55924E-05		264	0.000342
19.73306	100	7.75E-02	8.04E-02	1.93E+01		29	0.034814		110.5	0.132654		5.5	0.006603		8	9.60394E-06		36	4.32E-05		66	7.92325E-05		264	0.000317
19.79972	104	7.31E-02	7.53E-02	1.81E+01	20	28	0.032596	104	111	0.124201	5	6	0.006182	10	7.5	8.99189E-06	23	37	4.05E-05	54	50	7.41831E-05	219	258	0.000297
19.86639	108	7.04E-02	7.18E-02	1.72E+01		28	0.029995		111	0.118909		6	0.006428		7.5	8.03441E-06		37	3.96E-05		50	5.35627E-05		258	0.000276
19.93306	112	6.89E-02	6.96E-02	1.67E+01		28	0.029109		111	0.115398		6	0.006238		7.5	7.79716E-06		37	3.85E-05		50	5.19811E-05		258	0.000268
19.99972	116	6.82E-02	6.86E-02	1.65E+01		28	0.028662		111	0.113626		6	0.006142		7.5	7.67744E-06		37	3.79E-05		50	5.1183E-05		258	0.000264
20.06639	120	6.83E-02	6.83E-02	1.64E+01	36	35	0.028547	118	142.5	0.113168	7	8	0.006117	5	5	7.64649E-06	51	53	3.77E-05	46	51.5	5.09768E-05	297	258	0.000263
20.13305	124	7.20E-02	7.02E-02	1.68E+01		35	0.036655		142.5	0.149239		8	0.008378		5	5.23646E-06		53	5.55E-05		51.5	5.39356E-05		258	0.00027
20.19972	128	8.14E-02	7.67E-02	1.84E+01		35	0.040066		142.5	0.163128		8	0.009158		5	5.72377E-06		53	6.07E-05		51.5	5.89549E-05		258	0.000295
20.26639	132	9.70E-02	8.92E-02	2.14E+01		35	0.04661		142.5	0.18977		8	0.010654		5	6.65861E-06		53	7.06E-05		51.5	6.85837E-05		258	0.000344
20.33306	136	0.1189269	1.08E-01	2.59E+01	34	29.5	0.056416	167	126.5	0.229693	9	8	0.012895	5	4	8.05941E-06	55	56.5	8.54E-05	57	60.5	8.30119E-05	219	235.5	0.000416
20.39972	140	0.1430448	1.31E-01	3.14E+01		29.5	0.057686		126.5	0.247367		8	0.015644		4	7.82189E-06		56.5	0.00011		60.5	0.000118308		235.5	0.000461
20.46639	144	0.165752	1.54E-01	3.71E+01		29.5	0.067997		126.5	0.291582		8	0.01844		4	9.21998E-06		56.5	0.00013		60.5	0.000139452		235.5	0.000543
20.53308	148	0.1859991	1.76E-01	4.22E+01		29.5	0.077456		126.5	0.332142		8	0.021005		4	1.05025E-05		56.5	0.000148		60.5	0.00015885		235.5	0.000618
20.59972	152	0.2028503	1.94E-01	4.67E+01	25	27.5	0.085625	86	107.5	0.367172	7	8	0.02322	3	3	1.16102E-05	58	59.5	0.000164	64	64.5	0.000175604	252	277	0.000684
20.66639	156	0.2163529	2.10E-01	5.03E+01		27.5	0.086051		107.5	0.33638		8	0.025033		3	9.38735E-06		59.5	0.000186		64.5	0.000201828		277	0.000867
20.73306	160	0.2270526	2.22E-01	5.32E+01		27.5	0.091019		107.5	0.355801		8	0.026478		3	9.92932E-06		59.5	0.000197		64.5	0.00021348		277	0.000917
20.79972	164	0.2356493	2.31E-01	5.55E+01		27.5	0.09498		107.5	0.371285		8	0.02763		3	1.03614E-05		59.5	0.000206		64.5	0.000222771		277	0.000957
20.86639	168	0.2387525	2.37E-01	5.69E+01	30	40.5	0.097381	129	118	0.380673	9	9.5	0.028329	3	4	1.06234E-05	61	54	0.000211	65	64	0.000228404	302	269	0.000981
20.93306	172	0.2299055	2.34E-01	5.62E+01		40.5	0.14168		118	0.412796		9.5	0.033234		4	1.39931E-05		54	0.000189		64	0.000223889		269	0.000941
20.99972	176	0.2123057	2.21E-01	5.31E+01		40.5	0.133685		118	0.389501		9.5	0.031358		4	1.32034E-05		54	0.000178		64	0.000211255		269	0.000888
21.06639	180	0.1911311	2.02E-01	4.84E+01	51	47	0.121963	107	114	0.355349	10	9	0.028609	5	7	1.20457E-05	47	48	0.000163	63	102.5	0.000192732	236	271	0.00081
21.13305	184	0.1701937	1.81E-01	4.34E+01		47	0.126763		114	0.307468		9	0.024274		7	1.88796E-05		48	0.000129		102.5	0.000276452		271	0.000731
21.19972	188	0.1515028	1.61E-01	3.86E+01		47	0.11286		114	0.273746		9	0.021612		7	1.6809E-05		48	0.000115		102.5	0.000246132		271	0.000651
21.26639	192	0.1357293	1.44E-01	3.45E+01		47	0.100769		114	0.244419		9	0.019296		7	1.50082E-05		48	0.000103		102.5	0.000219763		271	0.000581
21.33306	196	0.1246053	1.30E-01	3.12E+01		47	0.091333		114	0.221531		9	0.017489	9	7	1.36028E-05	49	42	9.33E-05	142	140.5	0.000199183	306	294	0.000527
21.39972	200	0.115674	1.20E-01	2.88E+01		47	0.084297		114	0.204465		9	0.016142		7	1.25549E-05		42	7.53E-05		140.5	0.000251994		294	0.000527
21.46639	204	0.1084218	1.12E-01	2.69E+01		47	0.078619		114	0.190694		9	0.015055		7	1.17093E-05		42	7.03E-05		140.5	0.000235021		294	0.000492
21.53306	208	0.1024771	1.05E-01	2.53E+01		47	0.073989		114	0.179464		9	0.014168		7	1.10197E-05		42	6.61E-05		140.5	0.000221181		294	0.000463
21.59972	212	9.76E-02	1.00E-01	2.40E+01		47	0.070178		114	0.17022		9	0.013438		7	1.04521E-05		42	6.27E-05		140.5	0.000209788		294	0.000439

Conduit CSO 1016

Summary Statistics

Total Discharge

Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
1.61E+03	5.60	3.91	12.74	0.86	0.00	0.01	0.01	0.03

Conduit CSO

Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharg lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
21.66639	216	9.36E-02	9.56E-02	2.29E+01		47	0.067048		114	0.162627		9	0.012839		7	9.98589E-06		42	5.99E-05		140.5	0.000200431		294	0.000419
21.73306	220	9.01E-02	9.18E-02	2.20E+01		47	0.064423		114	0.156259		9	0.012336		7	9.59487E-06		42	5.76E-05		140.5	0.000192583		294	0.000403
21.79972	224	8.70E-02	8.85E-02	2.12E+01		47	0.062114		114	0.150659		9	0.011894	5	4	9.251E-06	35	37.5	5.55E-05	139	120.5	0.000185681	282	252.5	0.000389
21.86639	228	8.41E-02	8.56E-02	2.05E+01		47	0.060034		114	0.145613		9	0.011496		4	5.10924E-06		37.5	4.79E-05		120.5	0.000153916		252.5	0.000323
21.93306	232	8.16E-02	8.29E-02	1.99E+01		47	0.058162		114	0.141073		9	0.011137		4	4.94994E-06		37.5	4.64E-05		120.5	0.000149117		252.5	0.000312
21.99972	236	7.94E-02	8.05E-02	1.93E+01		47	0.056485		114	0.137007		9	0.010816		4	4.80727E-06		37.5	4.51E-05		120.5	0.000144819		252.5	0.000303
22.06639	240	7.74E-02	7.84E-02	1.88E+01	43	48	0.054986	121	91	0.133372	8	9	0.010529	3	4	4.6797E-06	40	37.5	4.39E-05	102	120.5	0.000140976	223	252.5	0.000295
22.13305	244	7.56E-02	7.65E-02	1.84E+01		48	0.054813		91	0.103916		9	0.010277		4	4.56774E-06		37.5	4.28E-05		120.5	0.000137603		252.5	0.000288
22.19972	248	7.41E-02	7.49E-02	1.80E+01		48	0.053653		91	0.101717		9	0.01006		4	4.47109E-06		37.5	4.19E-05		120.5	0.000134692		252.5	0.000282
22.26639	252	7.29E-02	7.35E-02	1.76E+01		48	0.052666		91	0.099845		9	0.009875		4	4.38881E-06		37.5	4.11E-05		120.5	0.000132213		252.5	0.000277
22.33306	256	7.15E-02	7.22E-02	1.73E+01		48	0.051735		91	0.098082		9	0.0097	5	5	4.31128E-06	35	35	4.04E-05	139	139	0.000129877	282	282	0.000272
22.39972	260	6.83E-02	6.99E-02	1.68E+01		48	0.050114		91	0.095007		9	0.009396		5	5.22017E-06		35	3.65E-05		139	0.000145121		282	0.000294
22.46639	264	6.30E-02	6.57E-02	1.58E+01		48	0.047054		91	0.089207		9	0.008823		5	4.90151E-06		35	3.43E-05		139	0.000136262		282	0.000276
22.53306	268	5.76E-02	6.03E-02	1.45E+01		48	0.043202		91	0.081903		9	0.0081		5	4.50016E-06		35	3.15E-05		139	0.000125104		282	0.000254
22.59972	272	5.17E-02	5.46E-02	1.31E+01		48	0.039152		91	0.074226		9	0.007341	5	5	4.07835E-06	35	35	2.85E-05	139	139	0.000113378	282	282	0.00023
22.66639	276	4.59E-02	4.88E-02	1.17E+01		48	0.034953		91	0.066265		9	0.006554		5	3.64094E-06		35	2.55E-05		139	0.000101218		282	0.000205
22.73306	280	4.05E-02	4.32E-02	1.04E+01		48	0.03094		91	0.058858		9	0.005801		5	3.22295E-06		35	2.26E-05		139	8.9598E-05		282	0.000182
22.79972	284	3.58E-02	3.81E-02	9.15E+00		48	0.027334		91	0.051821		9	0.005125	5	4	2.84732E-06	35	33.5	1.99E-05	139	96	7.91554E-05	282	215	0.000161
22.86639	288	3.18E-02	3.38E-02	8.11E+00		48	0.024222		91	0.045921		9	0.004542		4	2.01851E-06		33.5	1.69E-05		96	4.84443E-05		215	0.000108
22.93306	292	2.85E-02	3.01E-02	7.23E+00		48	0.021597		91	0.040944		9	0.004049		4	1.79974E-06		33.5	1.51E-05		96	4.31939E-05		215	9.67E-05
22.99972	296	2.57E-02	2.71E-02	6.50E+00		48	0.019408		91	0.036795		9	0.003639		4	1.61735E-06		33.5	1.35E-05		96	3.88184E-05		215	8.69E-05
23.06639	300	2.34E-02	2.45E-02	5.89E+00	53	53	0.017588	61	61	0.033344	10	10	0.003298	3	4	1.46567E-06	32	29.5	1.23E-05	53	65	3.5176E-05	148	171	7.68E-05
23.13305	304	2.15E-02	2.24E-02	5.38E+00		53	0.01775		61	0.020429		10	0.003349		4	1.33961E-06		29.5	9.88E-06		65	2.17686E-05		171	5.73E-05
23.19972	308	1.99E-02	2.07E-02	4.96E+00		53	0.01636		61	0.01883		10	0.003087		4	1.23474E-06		29.5	9.11E-06		65	2.00645E-05		171	5.28E-05
23.26639	312	1.85E-02	1.92E-02	4.61E+00		53	0.015191		61	0.017484		10	0.002866		4	1.14647E-06		29.5	8.46E-06		65	1.86301E-05		171	4.9E-05
23.33306	316	1.72E-02	1.78E-02	4.28E+00		53	0.014122		61	0.016253		10	0.002665	5	5	1.0658E-06	27	27	7.86E-06	77	77	1.73193E-05	194	194	4.56E-05
23.39972	320	1.47E-02	1.60E-02	3.83E+00		53	0.012628		61	0.014534		10	0.002383		5	1.19135E-06		27	6.43E-06		77	1.83467E-05		194	4.62E-05
23.46639	324	1.12E-02	1.30E-02	3.11E+00		53	0.010254		61	0.011801		10	0.001935		5	9.67317E-07		27	5.22E-06		77	1.48967E-05		194	3.75E-05
23.53306	328	7.21E-03	9.19E-03	2.21E+00		53	0.007271		61	0.008368		10	0.001372		5	6.85904E-07		27	3.7E-06		77	1.05629E-05		194	2.66E-05
23.59972	332	3.61E-03	5.41E-03	1.30E+00		53	0.004278		61	0.004923		10	0.000807		5	4.03547E-07		27	2.18E-06		77	6.21463E-06		194	1.57E-05
23.66639	336	9.62E-04	2.28E-03	5.48E-01		53	0.001808		61	0.002081		10	0.000341		5	1.70552E-07		27	9.21E-07		77	2.62651E-06		194	6.62E-06
	340		4.81E-04	1.15E-01		53	0.000381		61	0.000438		10	7.18E-05		5	3.59121E-08		27	1.94E-07		77	5.53047E-07		194	1.39E-06
	344		0.00E+00	0.00E+00		53	0		61	0		10	0	5	5	0	27	27	0	77	77	0	194	194	0
	348		0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
	352		0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0

Conduit CSO 1019

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
1.43E+05	8.00	354	1,103	73	0.04	0.43	0.79	2.36

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
17.33306	0	2.93E-03			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
17.39972	4	4.45E-02	2.37E-02	5.69E+00		80	0.0283354		761.5	0.269718		36.5	0.012928		7.5	2.65644E-06		172.5	6.10982E-05		283.5	0.0001		639	0.000226329
17.46639	8	0.1729857	1.09E-01	2.61E+01		80	0.12988775		761.5	1.236369		36.5	0.059281		7.5	1.2177E-05		172.5	0.00028007		283.5	0.00046		639	0.001037478
17.53306	12	0.5086012	3.41E-01	8.18E+01		80	0.40701325		761.5	3.874257		36.5	0.1857		7.5	3.81575E-05		172.5	0.000877622		283.5	0.001442		639	0.003251018
17.59972	16	0.9924228	7.51E-01	1.80E+02	69	58	0.89634448	451	358.5	8.532079	24	17.5	0.408957	4	5.5	8.40323E-05	130	107	0.001932743	198	147.5	0.003176	446	410.5	0.007159552
17.66639	20	1.359491	1.18E+00	2.82E+02		58	1.01823195		358.5	6.293727		17.5	0.307225		5.5	9.65565E-05		107	0.001878462		147.5	0.002589		410.5	0.007206624
17.73306	24	1.642846	1.50E+00	3.60E+02		58	1.29982461		358.5	8.034261		17.5	0.392188		5.5	0.000123259		107	0.002397952		147.5	0.003306		410.5	0.009199621
17.79972	28	1.95906	1.80E+00	4.32E+02	47	42	1.55940059	266	238.5	9.638709	11	9.5	0.470509	7	5.5	0.000147874	84	69.5	0.002876825	97	90.5	0.003966	375	307	0.011036792
17.86639	32	2.523376	2.24E+00	5.38E+02		42	1.40527303		238.5	7.979943		9.5	0.317859		5.5	0.000184024		69.5	0.002325392		90.5	0.003028		307	0.010271877
17.93306	36	3.619438	3.07E+00	7.37E+02		42	1.92581241		238.5	10.93586		9.5	0.4356		5.5	0.00025219		69.5	0.003186761		90.5	0.00415		307	0.014076772
17.99972	40	5.087959	4.35E+00	1.04E+03		42	2.72982597		238.5	15.50151		9.5	0.617461		5.5	0.000357477		69.5	0.004517212		90.5	0.005882		307	0.019953728
18.06639	44	6.834816	5.96E+00	1.43E+03	37	32	3.73786802	211	192.5	21.22575	8	7	0.84547	4	3.5	0.000489483	55	57	0.006185282	84	101.5	0.008054	239	258.5	0.027322035
18.13305	48	8.516521	7.68E+00	1.84E+03		32	3.66685307		192.5	22.05841		7	0.802124		3.5	0.000401062		57	0.006531562		101.5	0.011631		258.5	0.029621297
18.19972	52	9.932093	9.22E+00	2.21E+03		32	4.40667526		192.5	26.50891		7	0.96396		3.5	0.00048198		57	0.0078439		101.5	0.013977		258.5	0.035597674
18.26639	56	11.13133	1.05E+01	2.53E+03		32	5.03125411		192.5	30.26614		7	1.100587		3.5	0.000550293		57	0.008961921		101.5	0.015959		258.5	0.0406431
18.33306	60	12.16414	1.16E+01	2.80E+03	27	32	5.56440561	174	166.5	33.47338	6	7	1.217214	3	2	0.000608607	59	70.5	0.009911597	119	102	0.01765	278	310	0.044949964
18.39972	64	12.71424	1.24E+01	2.99E+03		32	5.94250287		166.5	30.91959		7	1.299923		2	0.000371406		70.5	0.013092077		102	0.018942		310	0.057567997
18.46639	68	12.97024	1.28E+01	3.08E+03		32	6.13504963		166.5	31.92143		7	1.342042		2	0.000383441		70.5	0.013516281		102	0.019555		310	0.059433293
18.53306	72	13.08631	1.30E+01	3.13E+03		32	6.22392306		166.5	32.36385		7	1.361483		2	0.000388995		70.5	0.013712081		102	0.019839		310	0.060294255
18.59972	76	13.13408	1.31E+01	3.15E+03	37	37.5	6.26305824	159	138	32.58747	8	7	1.370044	1	3.5	0.000391441	82	65.5	0.0137983	85	81.5	0.019983	342	325.5	0.060673377
18.66639	80	13.12175	1.31E+01	3.15E+03		37.5	7.34944161		138	27.04595		7	1.371896		3.5	0.000685948		65.5	0.012837025		81.5	0.015973		325.5	0.063793153
18.73306	84	13.03594	1.31E+01	3.14E+03		37.5	7.3219706		138	26.94485		7	1.366768		3.5	0.000683384		65.5	0.012789042		81.5	0.015913		325.5	0.063554705
18.79972	88	12.88658	1.30E+01	3.11E+03		37.5	7.25613703		138	26.70258		7	1.354479		3.5	0.000677239		65.5	0.012674053		81.5	0.01577		325.5	0.062983269
18.86639	92	12.59785	1.27E+01	3.06E+03	38	29	7.13350838	117	110.5	26.25131	6	5.5	1.331588	6	8	0.000665794	49	36	0.012459861	78	66	0.015503	309	264	0.061918853
18.93306	96	12.14267	1.24E+01	2.97E+03		29	5.35555083		110.5	20.4065		5.5	1.015708		8	0.001477393		36	0.0066827		66	0.012188		264	0.04875398
18.99972	100	11.68416	1.19E+01	2.86E+03		29	5.15776545		110.5	19.65286		5.5	0.978197		8	0.001422832		36	0.006402743		66	0.011736		264	0.046953451
19.06639	104	11.30439	1.15E+01	2.76E+03	20	28	4.97630398	104	111	18.96143	5	6	0.943782	10	7.5	0.001372774	23	37	0.006177481	54	50	0.011325	219	258	0.045301526
19.13305	108	11.00604	1.12E+01	2.68E+03		28	4.66297725		111	18.48537		6	0.999209		7.5	0.001249012		37	0.006161791		50	0.008327		258	0.042966005
19.19972	112	10.76414	1.09E+01	2.61E+03		28	4.55006264		111	18.03775		6	0.975013		7.5	0.001218767		37	0.006012583		50	0.008125		258	0.041925577
19.26639	116	10.55508	1.07E+01	2.56E+03		28	4.45581003		111	17.6641		6	0.954816		7.5	0.001193521		37	0.005888035		50	0.007957		258	0.041057107
19.33306	120	10.33784	1.04E+01	2.51E+03	36	35	4.36666967	118	142.5	17.31073	7	8	0.935715	5	5	0.001169644	51	53	0.005770242	46	51.5	0.007798	297	258	0.040235742
19.39972	124	9.901077	1.01E+01	2.43E+03		35	5.28747524		142.5	21.52758		8	1.208566		5	0.000755354		53	0.006006748		51.5	0.00778		258	0.038976246
19.46639	128	9.346875	9.62E+00	2.31E+03		35	5.02863248		142.5	20.47372		8	1.149402		5	0.000718376		53	0.007614786		51.5	0.007399		258	0.037068205
19.53306	132	8.792908	9.07E+00	2.18E+03		35	4.73911728		142.5	19.29498		8	1.083227		5	0.000677017		53	0.007176378		51.5	0.006973		258	0.034934065
19.59972	136	8.309257	8.55E+00	2.05E+03	34	29.5	4.46803392	167	126.5	18.19128	9	8	1.021265	5	4	0.000638291	55	56.5	0.00676588	57	60.5	0.006574	219	235.5	0.032935793
19.66639	140	7.880227	8.09E+00	1.94E+03		29.5	3.56494101		126.5	15.28695		8	0.966764		4	0.000483382		56.5	0.006827768		60.5	0.007311		235.5	0.028459105
19.73306	144	7.487149	7.68E+00	1.84E+03		29.5	3.38391198		126.5	14.51067		8	0.917671		4	0.000458836		56.5	0.006481052		60.5	0.00694		235.5	0.027013941
19.79972	148	7.110751	7.30E+00	1.75E+03		29.5	3.21447257		126.5	13.78409		8	0.871721		4	0.000435861		56.5	0.006158532		60.5	0.006592		235.5	0.025681298
19.86639	152	6.740793	6.93E+00	1.66E+03	25	27.5	3.05012422	86	107.5	13.07935	7	8	0.827152	3	3	0.000413576	58	59.5	0.005841763	64	64.5	0.006255	252	277	0.024349297
19.93306	156	6.381762	6.56E+00	1.57E+03		27.5	2.693695		107.5	10.5299		8	0.78362		3	0.000293858		59.5	0.005828176		64.5	0.006318		277	0.027132855
19.99972	160	6.046848	6.21E+00	1.49E+03		27.5	2.55124742		107.5	9.973058		8	0.742181		3	0.000278318		59.5	0.005519972		64.5	0.005984		277	0.025698019
20.06639	164	5.749267	5.90E+00	1.42E+03		27.5	2.42141382		107.5	9.465527		8	0.704411		3	0.000264154		59.5	0.005239059		64.5	0.005679		277	0.024390241
20.13305	168	5.576036	5.66E+00	1.36E+03	30	40.5	2.32476923	129	118	9.087734	9	9.5	0.676297	3	4	0.000253611	61	54	0.005029955	65	64	0.005453	302	269	0.023416766
20.19972	172	5.534689	5.56E+00	1.33E+03		40.5	3.35888199		118	9.786372		9.5	0.767886		4	0.000331741		54	0.004478509		64	0.005306		269	0.022309611
20.26639	176	5.570896	5.55E+00	1.33E+03		40.5	3.35732812		118	9.781845		9.5	0.767521		4	0.000331588		54	0.004476437		64	0.005305		269	0.02229929
20.33306	180	5.642954	5.61E+00	1.35E+03	51	47	3.3900577	107	114	9.877205	10	9	0.795199	5	7	0.000334821	47	48	0.004520077	63	102.5	0.005357	236	271	0.02251668
20.39972	184	5.729644	5.69E+00	1.36E+03		47	3.9898344		114	9.677471		9	0.764011		7	0.000594231		48	0.004074724		102.5	0.008701		271	0.023005215
20.46639	188	5.823896	5.78E+00	1.39E+03		47	4.05331406		114	9.831443		9	0.776167		7	0.000603685		48	0.004139555		102.5	0.00884		271	0.023371238
20.53306	192	5.929716	5.88E+00	1.41E+03		47	4.12350507		114	10.00169		9	0.789607		7	0.000614139		48	0.004211239		102.5	0.008993		271	0.023775955
20.59972	196	6.054193	5.99E+00	1.44E+03		47	4.20429988		114	10.19766		9	0.805079	9	7	0.000626172	49	42	0.004293753	142	140.5	0.009169	306	294	0.024241814
20.66639	200	6.200515	6.13E+00	1.47E+03		47	4.29930395		114	10.4281		9	0.823271		7	0.000640322		42	0.003841931		140.5	0.012852		294	0.026893518
20.73306	204	6.365295	6.28E+00	1.51E+03		47	4.40844748		114	10.69283		9	0.844171		7	0.000656577		42	0.003939464		140.5	0.013178		294	0.027576246
20.79972	208	6.538771	6.45E+00	1.55E+03		47	4.52711741		114	10.98067		9	0.866895		7	0.000674252		42	0.004045509		140.5	0.013533		294	0.028318564
20.86639	212	6.640306	6.59E+00	1.58E+03		47	4.62359918		114	11.21469		9	0.88537		7	0.000688621		42	0.004131727		140.5	0.013822		294	0.028922088
20.93306	216	6.596593	6.62E+00	1.59E+03		47	4.6438848		114	11.26389		9	0.889255		7	0.000691642		42	0.004149855		140.5	0.013882		294	0.029048982
20.99972	220	6.473657	6.54E+00	1.57E+03		47	4.58541954		114	11.12208		9	0.878059		7	0.000682935		42	0.004097609		140.5	0.013707		294	0.028683263
21.06639	224	6.325082	6.40E+00	1.54E+03		47	4.49016567		114	10.89104		9	0.859819	5	4	0.000668748	35	37.5	0.004012486	139	120.5	0.013423	282	252.5	0.026087419
21.13305	228	6.174708	6.25E+00	1.50E+03		47	4.38528577		114	10.63665		9	0.839738		4	0.000373216		37.5	0.003498896		120.5	0.011243		252.5	0.023559248
21.19972	232	6.026818	6.10E+00	1.46E+03		47	4.28064618		114	10.38284		9	0.819698		4	0.00036431		37.5	0.003415409		120.5	0.010975		252.5	0.022997089
21.26639	236	5.875283	5.95E+00	1.43E+03		47	4.17559928		114	10.12805		9	0.799583		4	0.00035537		37.5	0.003331595		120.5	0.010706		252.5	0.022432741
21.33306	240	5.713943	5.79E+00	1.39E+03	43	48	4.06583373	121	91	9.861809	8	9	0.778564	3	4	0.000346028	40	37.5	0.003244016	102	120.5	0.010424	223	252.5	0.021843043
21.39972	244	5.545652	5.63E+00	1.35E+03		48	4.03423629		91	7.64824		9	0.756419		4	0.000336186		37.5	0.003151747		120.5	0.010128		252.5	0.021221764
21.46639	248	5.371718	5.46E+00	1.31E+03		48	3.9116194		91	7.415778		9	0.733429		4	0.000325968		37.5	0.003055953		120.5	0.00982		252.5	0.020576748

Conduit CSO 1019

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
1.43E+05	8.00	354	1,103	73	0.04	0.43	0.79	2.36

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
21.53306	252	5.198632	5.29E+00	1.27E+03		48	3.78728449		91	7.18006		9	0.710116		4	0.000315607		37.5	0.002958816		120.5	0.009508		252.5	0.019922694
21.59972	256	5.034017	5.12E+00	1.23E+03		48	3.66628852		91	6.950672		9	0.687429	5	5	0.000305524	35	35	0.002864288	139	139	0.009204	282	282	0.019288205
21.66639	260	4.884049	4.96E+00	1.19E+03		48	3.55357557		91	6.736987		9	0.666295		5	0.000370164		35	0.002591149		139	0.010291		282	0.020877256
21.73306	264	4.752135	4.82E+00	1.16E+03		48	3.45257917		91	6.545515		9	0.647359		5	0.000359644		35	0.002517506		139	0.009998		282	0.020283903
21.79972	268	4.640675	4.70E+00	1.13E+03		48	3.36537992		91	6.380199		9	0.631009		5	0.00035056		35	0.002453923		139	0.009746		282	0.019771607
21.86639	272	4.546588	4.59E+00	1.10E+03		48	3.29173383		91	6.240579		9	0.6172	5	5	0.000342889	35	35	0.002400223	139	139	0.009532	282	282	0.019338936
21.93306	276	4.466028	4.51E+00	1.08E+03		48	3.22987558		91	6.123306		9	0.605602		5	0.000336445		35	0.002355118		139	0.009353		282	0.018975519
21.99972	280	4.402374	4.44E+00	1.06E+03		48	3.17820469		91	6.025346		9	0.595913		5	0.000331063		35	0.002317441		139	0.009204		282	0.018671953
22.06639	284	4.347205	4.37E+00	1.05E+03		48	3.13491463		91	5.943276		9	0.587796	5	4	0.000326554	35	33.5	0.002285875	139	98	0.009078	282	215	0.018417823
22.13305	288	4.300896	4.32E+00	1.04E+03		48	3.09848409		91	5.874209		9	0.580966		4	0.000258207		33.5	0.002162484		98	0.008197		215	0.013878627
22.19972	292	4.260884	4.28E+00	1.03E+03		48	3.06755587		91	5.815575		9	0.575167		4	0.00025563		33.5	0.002140898		98	0.008135		215	0.013740094
22.26639	296	4.226725	4.24E+00	1.02E+03		48	3.04105256		91	5.765329		9	0.570197		4	0.000253421		33.5	0.002122401		98	0.008082		215	0.013621381
22.33306	300	4.192003	4.21E+00	1.01E+03	53	53	3.01637297	61	61	5.71854	10	10	0.56557	3	4	0.000251364	32	29.5	0.002105177	53	65	0.006033	148	171	0.013510837
22.39972	304	4.117896	4.15E+00	9.97E+02		53	3.28752406		61	3.783754		10	0.620288		4	0.000248115		29.5	0.001829848		65	0.004032		171	0.010606917
22.46639	308	4.009917	4.06E+00	9.75E+02		53	3.21548603		61	3.700845		10	0.608696		4	0.000242678		29.5	0.001789753		65	0.003944		171	0.010374499
22.53306	312	3.889752	3.95E+00	9.48E+02		53	3.12523075		61	3.596964		10	0.589666		4	0.000235866		29.5	0.001739515		65	0.003833		171	0.010083292
22.59972	316	3.771513	3.83E+00	9.19E+02		53	3.03091445		61	3.488411		10	0.571871	5	5	0.000228748	27	27	0.001687018	77	77	0.003717	194	194	0.009778988
22.66639	320	3.658031	3.71E+00	8.92E+02		53	2.93924206		61	3.382901		10	0.554574		5	0.000277267		27	0.00149735		77	0.00427		194	0.010758735
22.73306	324	3.557118	3.61E+00	8.66E+02		53	2.85442409		61	3.285281		10	0.538571		5	0.000269285		27	0.001454141		77	0.004147		194	0.010448269
22.79972	328	3.46349	3.51E+00	8.42E+02		53	2.77746068		61	3.1967		10	0.524049		5	0.000262025		27	0.001414933		77	0.004035		194	0.010166554
22.86639	332	3.372899	3.42E+00	8.20E+02		53	2.7045808		61	3.112819		10	0.510298		5	0.000255149		27	0.001377805		77	0.003929		194	0.009899786
22.93306	336	3.283997	3.33E+00	7.99E+02		53	2.63357061		61	3.031091		10	0.4969		5	0.00024845		27	0.00134163		77	0.003826		194	0.009639862
22.99972	340	3.198399	3.24E+00	7.78E+02		53	2.56453572		61	2.951635		10	0.483875		5	0.000241937		27	0.001306462		77	0.003726		194	0.009387166
23.06639	344	3.115267	3.16E+00	7.58E+02		53	2.49778353		61	2.874807		10	0.47128	5	5	0.00023564	27	27	0.001272456	77	77	0.003629	194	194	0.00914283
23.13305	348	3.035574	3.08E+00	7.38E+02		53	2.43336745		61	2.800668		10	0.459126		5	0.000229563		27	0.00123964		77	0.003535		194	0.008907043
23.19972	352	2.960965	3.00E+00	7.20E+02		53	2.3723232		61	2.73041		10	0.447608		5	0.000223804		27	0.001208542		77	0.003447		194	0.008683596
23.26639	356	2.892706	2.93E+00	7.02E+02		53	2.31580242		61	2.665358		10	0.436944		5	0.000218472		27	0.001179748		77	0.003384		194	0.008476711
23.33306	360	2.824187	2.86E+00	6.86E+02		53	2.26166303		61	2.603089		10	0.426733		5	0.000213366		27	0.001152178		77	0.003286		194	0.008278613
23.39972	364	2.704103	2.76E+00	6.63E+02		53	2.18706877		61	2.517192		10	0.412654		5	0.000206327		27	0.001114167		77	0.003177		194	0.008005497
23.46639	368	2.539006	2.62E+00	6.29E+02		53	2.07425469		61	2.38735		10	0.391369		5	0.000195684		27	0.001056696		77	0.003014		194	0.007592555
23.53306	372	2.329273	2.43E+00	5.84E+02		53	1.92596617		61	2.216678		10	0.36339		5	0.000181695		27	0.000981153		77	0.002798		194	0.007049763
23.59972	376	2.121766	2.23E+00	5.34E+02		53	1.7608996		61	2.026696		10	0.332245		5	0.000166123		27	0.000897062		77	0.002556		194	0.006445557
23.66639	380	1.943079	2.03E+00	4.88E+02		53	1.6081153		61	1.85085		10	0.303418		5	0.000151709		27	0.000819229		77	0.002336		194	0.005886309
23.73306	384	1.792591	1.87E+00	4.48E+02		53	1.4778886		61	1.700966		10	0.278847		5	0.000139423		27	0.000752887		77	0.002147		194	0.00540963
23.79972	388	1.662566	1.73E+00	4.15E+02		53	1.36891334		61	1.57324		10	0.257908		5	0.000128954		27	0.000696352		77	0.001986		194	0.005003419
23.86639	392	1.548951	1.61E+00	3.85E+02		53	1.2705256		61	1.462303		10	0.239722		5	0.000119861		27	0.000647249		77	0.001846		194	0.004650603
23.93306	396	1.445303	1.50E+00	3.59E+02		53	1.18457301		61	1.363376		10	0.223504		5	0.000111752		27	0.000603462		77	0.001721		194	0.004335984
23.99972	400	1.346547	1.40E+00	3.35E+02		53	1.10449887		61	1.271216		10	0.208396		5	0.000104198		27	0.000562669		77	0.001605		194	0.004042883
24.06639	404	1.252972	1.30E+00	3.12E+02		53	1.02840976		61	1.183641		10	0.19404		5	9.70198E-05		27	0.000523907		77	0.001494		194	0.003764368
24.13305	408	1.164412	1.21E+00	2.90E+02		53	0.95635435		61	1.10071		10	0.180444		5	9.02221E-05		27	0.000487199		77	0.001389		194	0.003500618
24.19972	412	1.0808	1.12E+00	2.69E+02		53	0.88824045		61	1.022314		10	0.167593		5	8.37963E-05		27	0.0004525		77	0.00129		194	0.003251295
24.26639	416	0.9796273	1.03E+00	2.47E+02		53	0.81513678		61	0.938176		10	0.153799		5	7.68997E-05		27	0.000415258		77	0.001184		194	0.002983708
24.33306	420	0.8478214	9.14E-01	2.19E+02		53	0.72296686		61	0.832094		10	0.136409		5	6.82044E-05		27	0.000368304		77	0.00105		194	0.002646332
24.39972	424	0.6862195	7.67E-01	1.84E+02		53	0.60689021		61	0.698496		10	0.114508		5	5.72538E-05		27	0.00030917		77	0.000882		194	0.002221447
24.46639	428	0.5583687	6.22E-01	1.49E+02		53	0.49238618		61	0.566709		10	0.092903		5	4.64515E-05		27	0.000250838		77	0.000715		194	0.001802319
24.53306	432	0.4496385	5.04E-01	1.21E+02		53	0.39879109		61	0.458986		10	0.075244		5	3.76216E-05		27	0.000203158		77	0.000579		194	0.001459726
24.59972	436	0.3546187	4.02E-01	9.65E+01		53	0.31817654		61	0.366203		10	0.060033		5	3.00167E-05		27	0.00016209		77	0.000462		194	0.001164646
24.66639	440	0.2801955	3.17E-01	7.62E+01		53	0.25114228		61	0.289051		10	0.047385		5	2.36927E-05		27	0.00012794		77	0.000365		194	0.000919276
24.73306	444	0.2199812	2.50E-01	6.00E+01		53	0.19787761		61	0.227746		10	0.037335		5	1.86677E-05		27	0.000100806		77	0.000287		194	0.000724307
24.79972	448	0.1707057	1.95E-01	4.69E+01		53	0.15456176		61	0.177892		10	0.029163		5	1.45813E-05		27	7.8739E-05		77	0.000225		194	0.000565754
24.86639	452	0.1300496	1.50E-01	3.61E+01		53	0.11898343		61	0.136943		10	0.02245		5	1.12249E-05		27	6.06142E-05		77	0.000173		194	0.000435524
24.93306	456	9.64E-02	1.13E-01	2.72E+01		53	0.0896062		61	0.103132		10	0.016907		5	8.45341E-06		27	4.56484E-05		77	0.00013		194	0.000327992
24.99972	460	6.90E-02	8.27E-02	1.98E+01		53	0.06543465		61	0.075312		10	0.012346		5	6.17308E-06		27	3.33346E-05		77	9.51E-05		194	0.000239516
25.06639	464	4.68E-02	5.79E-02	1.39E+01		53	0.04578961		61	0.052701		10	0.00864		5	4.31977E-06		27	2.33268E-05		77	6.65E-05		194	0.000167607
25.13305	468	2.98E-02	3.83E-02	9.19E+00		53	0.03030307		61	0.034877		10	0.005718		5	2.85878E-06		27	1.54374E-05		77	4.4E-05		194	0.000110921
25.19972	472	1.69E-02	2.34E-02	5.61E+00		53	0.01848382		61	0.021274		10	0.003488		5	1.74376E-06		27	9.41628E-06		77	2.69E-05		194	6.76577E-05
25.26639	476	7.30E-03	1.21E-02	2.91E+00		53	0.00958026		61	0.011026		10	0.001808												
25.33306	480	4.78E-04	3.89E-03	9.33E-01		53	0.00307724		61	0.003542		10	0.000581												
	484		2.39E-04	5.74E-02		53	0.00018927		61	0.000218		10	3.57E-05												
	488		0.00E+00	0.00E+00		53	0		61	0		10	0												

Conduit CSO 1026

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
4.53E+03	5.40	14.07	52.99	3.35	0.00	0.02	0.04	0.09

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
18.06639	0	0.1387891			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
18.13305	4	0.3507761	2.45E-01	5.87E+01		80	0.2923465		761.5	2.782773		36.5	0.133383		7.5	2.74075E-05		172.5	0.00063		283.5	0.001036		639	0.002335
18.19972	8	0.4408672	3.96E-01	9.50E+01		80	0.472734		761.5	4.499837		36.5	0.215685		7.5	4.43188E-05		172.5	0.001019		283.5	0.001675		639	0.003776
18.26639	12	0.4824469	4.62E-01	1.11E+02		80	0.5513619		761.5	5.248276		36.5	0.251559		7.5	5.16902E-05		172.5	0.001189		283.5	0.001954		639	0.004404
18.33306	16	0.5035056	4.93E-01	1.18E+02	69	58	0.5887668	451	358.5	5.604324	24	17.5	0.268625	4	5.5	5.51969E-05	130	107	0.00127	198	147.5	0.002086	446	410.5	0.004703
18.39972	20	0.4721343	4.88E-01	1.17E+02		58	0.4223912		358.5	2.610815		17.5	0.127446		5.5	4.00543E-05		107	0.000779		147.5	0.001074		410.5	0.00299
18.46639	24	0.4127251	4.42E-01	1.06E+02		58	0.3830889		358.5	2.367886		17.5	0.115587		5.5	3.63274E-05		107	0.000707		147.5	0.000974		410.5	0.002711
18.53306	28	0.355538	3.84E-01	9.22E+01	47	42	0.33261	266	238.5	2.055874	11	9.5	0.100356	7	5.5	3.15406E-05	84	69.5	0.000614	97	90.5	0.000846	375	307	0.002354
18.59972	32	0.3105729	3.33E-01	7.99E+01		42	0.2088301		238.5	1.185857		9.5	0.047235		5.5	2.73468E-05		69.5	0.000346		90.5	0.00045		307	0.001526
18.66639	36	0.2744501	2.93E-01	7.02E+01		42	0.1834085		238.5	1.041498		9.5	0.041485		5.5	2.40178E-05		69.5	0.000303		90.5	0.000395		307	0.001341
18.73306	40	0.2509026	2.63E-01	6.30E+01		42	0.1647015		238.5	0.935269		9.5	0.037254		5.5	2.15681E-05		69.5	0.000273		90.5	0.000355		307	0.001204
18.79972	44	0.2357191	2.43E-01	5.84E+01	37	32	0.1525591	211	192.5	0.866318	8	7	0.034507	4	3.5	1.9978E-05	55	57	0.000252	84	101.5	0.000329	239	258.5	0.001115
18.86639	48	0.2159119	2.26E-01	5.42E+01		32	0.1078775		192.5	0.648951		7	0.023598		3.5	1.17991E-05		57	0.000192		101.5	0.000342		258.5	0.000871
18.93306	52	0.1811862	1.99E-01	4.77E+01		32	0.0948522		192.5	0.570595		7	0.020749		3.5	1.03745E-05		57	0.000169		101.5	0.000301		258.5	0.000768
18.99972	56	0.1456483	1.63E-01	3.92E+01		32	0.0780689		192.5	0.469633		7	0.017078		3.5	8.53878E-06		57	0.000139		101.5	0.000248		258.5	0.000631
19.06639	60	0.1139554	1.30E-01	3.12E+01	27	32	0.0620095	174	166.5	0.373026	6	7	0.013565	3	2	6.78229E-06	59	70.5	0.00011	119	102	0.000197	278	310	0.000501
19.13305	64	8.96E-02	1.02E-01	2.44E+01		32	0.0486116		166.5	0.252932		7	0.010634		2	3.03823E-06		70.5	0.000107		102	0.000155		310	0.000471
19.19972	68	7.23E-02	8.09E-02	1.94E+01		32	0.0386612		166.5	0.201159		7	0.008457		2	2.41633E-06		70.5	8.52E-05		102	0.000123		310	0.000375
19.26639	72	5.93E-02	6.58E-02	1.58E+01		32	0.0314372		166.5	0.163572		7	0.006877		2	1.96483E-06		70.5	6.93E-05		102	0.0001		310	0.000305
19.33306	76	4.81E-02	5.37E-02	1.29E+01	37	37.5	0.0256612	159	138	0.133518	8	7	0.005613	1	3.5	1.60383E-06	82	65.5	5.65E-05	85	81.5	8.18E-05	342	325.5	0.000249
19.39972	80	2.82E-02	3.82E-02	9.16E+00		37.5	0.021363		138	0.078616		7	0.003988		3.5	1.99388E-06		65.5	3.73E-05		81.5	4.64E-05		325.5	0.000165
19.46639	84	5.87E-03	1.70E-02	4.09E+00		37.5	0.0095379		138	0.035099		7	0.00178		3.5	8.90201E-07		65.5	1.67E-05		81.5	2.07E-05		325.5	8.28E-05
19.53306	88	0	2.94E-03	7.05E-01		37.5	0.0016435		138	0.006048		7	0.000307		3.5	1.5339E-07		65.5	2.87E-06		81.5	3.57E-06		325.5	1.43E-05
19.59972	92	0	0.00E+00	0.00E+00	38	29	0	117	110.5	0	6	5.5	0	6	8	0	49	36	0	78	66	0	309	264	0
19.66639	96	0	0.00E+00	0.00E+00		29	0		110.5	0		5.5	0		8	0		36	0		66	0		264	0
19.73306	100	0	0.00E+00	0.00E+00		29	0		110.5	0		5.5	0		8	0		36	0		66	0		264	0
19.79972	104	0	0.00E+00	0.00E+00	20	28	0	104	111	0	5	6	0	10	7.5	0	23	37	0	54	50	0	219	258	0
19.86639	108	0	0.00E+00	0.00E+00		28	0		111	0		6	0		7.5	0		37	0		50	0		258	0
19.93306	112	0	0.00E+00	0.00E+00		28	0		111	0		6	0		7.5	0		37	0		50	0		258	0
19.99972	116	0	0.00E+00	0.00E+00		28	0		111	0		6	0		7.5	0		37	0		50	0		258	0
20.06639	120	0	0.00E+00	0.00E+00	36	35	0	118	142.5	0	7	8	0	5	5	0	51	53	0	46	51.5	0	297	258	0
20.13305	124	0	0.00E+00	0.00E+00		35	0		142.5	0		8	0		5	0		53	0		51.5	0		258	0
20.19972	128	0	0.00E+00	0.00E+00		35	0		142.5	0		8	0		5	0		53	0		51.5	0		258	0
20.26639	132	0	0.00E+00	0.00E+00		35	0		142.5	0		8	0		5	0		53	0		51.5	0		258	0
20.33306	136	0	0.00E+00	0.00E+00	34	29.5	0	167	126.5	0	9	8	0	5	4	0	55	56.5	0	57	60.5	0	219	235.5	0
20.39972	140	0	0.00E+00	0.00E+00		29.5	0		126.5	0		8	0		4	0		56.5	0		60.5	0		235.5	0
20.46639	144	0	0.00E+00	0.00E+00		29.5	0		126.5	0		8	0		4	0		56.5	0		60.5	0		235.5	0
20.53306	148	0	0.00E+00	0.00E+00		29.5	0		126.5	0		8	0		4	0		56.5	0		60.5	0		235.5	0
20.59972	152	0	0.00E+00	0.00E+00	25	27.5	0	86	107.5	0	7	8	0	3	3	0	58	59.5	0	64	64.5	0	252	277	0
20.66639	156	0	0.00E+00	0.00E+00		27.5	0		107.5	0		8	0		3	0		59.5	0		64.5	0		277	0
20.73306	160	0	0.00E+00	0.00E+00		27.5	0		107.5	0		8	0		3	0		59.5	0		64.5	0		277	0
20.79972	164	0	0.00E+00	0.00E+00		27.5	0		107.5	0		8	0		3	0		59.5	0		64.5	0		277	0
20.86639	168	0	0.00E+00	0.00E+00	30	40.5	0	129	118	0	9	9.5	0	3	4	0	61	54	0	65	64	0	302	269	0
20.93306	172	0	0.00E+00	0.00E+00		40.5	0		118	0		9.5	0		4	0		54	0		64	0		269	0
20.99972	176	8.14E-03	4.07E-03	9.76E-01		40.5	0.0024594		118	0.007166		9.5	0.000577		4	2.429E-07		54	3.28E-06		64	3.89E-06		269	1.63E-05
21.06639	180	0.1027323	5.54E-02	1.33E+01	51	47	0.0335164	107	114	0.097653	10	9	0.007862	5	7	3.31026E-06	47	48	4.47E-05	63	102.5	5.3E-05	236	271	0.000223
21.13305	184	0.2375543	1.70E-01	4.08E+01		47	0.1193823		114	0.289566		9	0.02286		7	1.77803E-05		48	0.000122		102.5	0.00026		271	0.000688
21.19972	188	0.3491576	2.93E-01	7.04E+01		47	0.2058354		114	0.49926		9	0.039415		7	3.06563E-05		48	0.00021		102.5	0.000449		271	0.001187
21.26639	192	0.4158516	3.83E-01	9.18E+01		47	0.2683872		114	0.650982		9	0.051393		7	3.99726E-05		48	0.000274		102.5	0.000585		271	0.001548
21.33306	196	0.4634782	4.40E-01	1.06E+02		47	0.3084942		114	0.748262		9	0.059073	9	7	4.59459E-05	49	42	0.000315	142	140.5	0.000673	306	294	0.001779
21.39972	200	0.4978496	4.81E-01	1.15E+02		47	0.3372614		114	0.818038		9	0.064582		7	5.02304E-05		42	0.000301		140.5	0.001008		294	0.00211
21.46639	204	0.5213745	5.10E-01	1.22E+02		47	0.3575731		114	0.867305		9	0.068471		7	5.32556E-05		42	0.00032		140.5	0.001069		294	0.002237
21.53306	208	0.5385877	5.30E-01	1.27E+02		47	0.3718652		114	0.901971		9	0.071208		7	5.53842E-05		42	0.000332		140.5	0.001112		294	0.002326
21.59972	212	0.5497025	5.44E-01	1.31E+02		47	0.3818035		114	0.926077		9	0.073111		7	5.68644E-05		42	0.000341		140.5	0.001141		294	0.002388

Conduit CSO 1026

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
4.53E+03	5.40	14.07	52.99	3.35	0.00	0.02	0.04	0.09

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
21.66639	216	0.5581253	5.54E-01	1.33E+02		47	0.3886578		114	0.942702		9	0.074424		7	5.78852E-05		42	0.000347		140.5	0.001162		294	0.002431
21.73306	220	0.5633532	5.61E-01	1.35E+02		47	0.3934469		114	0.954318		9	0.075341		7	5.85985E-05		42	0.000352		140.5	0.001176		294	0.002461
21.79972	224	0.566759	5.65E-01	1.36E+02		47	0.3964759		114	0.961665		9	0.075921	5	4	5.90496E-05	35	37.5	0.000354	139	120.5	0.001185	282	252.5	0.00248
21.86639	228	0.5683925	5.68E-01	1.36E+02		47	0.3982438		114	0.965953		9	0.076259		4	3.38931E-05		37.5	0.000318		120.5	0.001021		252.5	0.00214
21.93306	232	0.5696815	5.69E-01	1.37E+02		47	0.3992691		114	0.96844		9	0.076456		4	3.39803E-05		37.5	0.000319		120.5	0.001024		252.5	0.002145
21.99972	236	0.5697076	5.70E-01	1.37E+02		47	0.3997305		114	0.969559		9	0.076544		4	3.40196E-05		37.5	0.000319		120.5	0.001025		252.5	0.002147
22.06639	240	0.5608065	5.65E-01	1.36E+02	43	48	0.3966169	121	91	0.962007	8	9	0.075948	3	4	3.37546E-05	40	37.5	0.000316	102	120.5	0.001017	223	252.5	0.002131
22.13305	244	0.5525436	5.57E-01	1.34E+02		48	0.3989058		91	0.756259		9	0.074795		4	3.32421E-05		37.5	0.000312		120.5	0.001001		252.5	0.002098
22.19972	248	0.5552005	5.54E-01	1.33E+02		48	0.3968972		91	0.752451		9	0.074418		4	3.30748E-05		37.5	0.00031		120.5	0.000998		252.5	0.002088
22.26639	252	0.560696	5.58E-01	1.34E+02		48	0.3998181		91	0.757989		9	0.074966		4	3.33182E-05		37.5	0.000312		120.5	0.001004		252.5	0.002103
22.33306	256	0.5584064	5.60E-01	1.34E+02		48	0.4009668		91	0.760166		9	0.075181	5	5	3.34139E-05	35	35	0.000313	139	139	0.001007	282	282	0.002109
22.39972	260	0.5135463	5.36E-01	1.29E+02		48	0.3840734		91	0.728139		9	0.072014		5	4.00076E-05		35	0.00028		139	0.001112		282	0.002256
22.46639	264	0.4496841	4.82E-01	1.16E+02		48	0.3451189		91	0.654288		9	0.06471		5	3.59499E-05		35	0.000252		139	0.000999		282	0.002028
22.53306	268	0.3868312	4.18E-01	1.00E+02		48	0.2997177		91	0.568215		9	0.056197		5	3.12206E-05		35	0.000219		139	0.000868		282	0.001761
22.59972	272	0.3350054	3.61E-01	8.66E+01		48	0.2586291		91	0.490318		9	0.048493	5	5	2.69405E-05	35	35	0.000189	139	139	0.000749	282	282	0.001519
22.66639	276	0.2889416	3.12E-01	7.49E+01		48	0.223556		91	0.423825		9	0.041917		5	2.32871E-05		35	0.000163		139	0.000647		282	0.001313
22.73306	280	0.2498557	2.69E-01	6.47E+01		48	0.1930474		91	0.365986		9	0.036196		5	2.01091E-05		35	0.000141		139	0.000559		282	0.001134
22.79972	284	0.2204996	2.35E-01	5.64E+01		48	0.1685251		91	0.319496		9	0.031598	5	4	1.75547E-05	35	33.5	0.000123	139	96	0.000488	282	215	0.00099
22.86639	288	0.1980831	2.09E-01	5.02E+01		48	0.1499753		91	0.284328		9	0.02812		4	1.24979E-05		33.5	0.000105		96	0.0003		215	0.000672
22.93306	292	0.183228	1.91E-01	4.58E+01		48	0.1366212		91	0.259011		9	0.025616		4	1.13851E-05		33.5	9.54E-05		96	0.000273		215	0.000612
22.99972	296	0.1727317	1.78E-01	4.27E+01		48	0.1275379		91	0.241791		9	0.023913		4	1.06282E-05		33.5	8.9E-05		96	0.000255		215	0.000571
23.06639	300	0.1647596	1.69E-01	4.05E+01	53	53	0.1209208	61	61	0.229246	10	10	0.022673	3	4	1.00767E-05	32	29.5	8.44E-05	53	65	0.000242	148	171	0.000542
23.13305	304	0.15885	1.62E-01	3.88E+01		53	0.1280249		61	0.147349		10	0.024156		4	9.66226E-06		29.5	7.13E-05		65	0.000157		171	0.000413
23.19972	308	0.1543062	1.57E-01	3.76E+01		53	0.1238894		61	0.14259		10	0.023375		4	9.35014E-06		29.5	6.9E-05		65	0.000152		171	0.0004
23.26639	312	0.150821	1.53E-01	3.66E+01		53	0.120713		61	0.138934		10	0.022776		4	9.11042E-06		29.5	6.72E-05		65	0.000148		171	0.000389
23.33306	316	0.143818	1.47E-01	3.54E+01		53	0.1165637		61	0.134158		10	0.021993	5	5	8.79726E-06	27	27	6.49E-05	77	77	0.000143	194	194	0.000376
23.39972	320	9.84E-02	1.21E-01	2.91E+01		53	0.0958117		61	0.110274		10	0.018078		5	9.03884E-06		27	4.88E-05		77	0.000139		194	0.000351
23.46639	324	3.82E-02	6.83E-02	1.64E+01		53	0.054046		61	0.062204		10	0.010197		5	5.09868E-06		27	2.75E-05		77	7.85E-05		194	0.000198
						53	0		61	0		10	0		5	0		27	0		77	0		194	0
						53	0		61	0		10	0		5	0		27	0		77	0		194	0
						53	0		61	0		10	0		5	0		27	0		77	0		194	0
						53	0		61	0		10	0		5	0		27	0		77	0		194	0
						53	0		61	0		10	0	5	5	0	27	27	0	77	77	0	194	194	0
						53	0		61	0		10	0		5	0		27	0		77	0		194	0
						53	0		61	0		10	0		5	0		27	0		77	0		194	0
						53	0		61	0		10	0		5	0		27	0		77	0		194	0
						53	0		61	0		10	0		5	0		27	0		77	0		194	0

Conduit CSO 1027

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
5.53E+03	6.60	13.09	44.75	2.72	0.00	0.02	0.03	0.09

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
17.66639	0	5.24E-05			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
17.73306	4	2.28E-04	1.40E-04	3.36E-02		80	0.0001672		761.5	0.001591		36.5	7.63E-05		7.5	1.56709E-08		172.5	3.6E-07		283.5	5.92361E-07		639	1.34E-06
17.79972	8	4.92E-04	3.60E-04	8.64E-02		80	0.0004297		761.5	0.00409		36.5	0.000196		7.5	4.02852E-08		172.5	9.27E-07		283.5	1.52278E-06		639	3.43E-06
17.86639	12	1.79E-03	1.14E-03	2.73E-01		80	0.0013601		761.5	0.012947		36.5	0.000621		7.5	1.27511E-07		172.5	2.93E-06		283.5	4.81992E-06		639	1.09E-05
17.93306	16	5.96E-03	3.87E-03	9.29E-01	69	58	0.0046226	451	358.5	0.044001	24	17.5	0.002109	4	5.5	4.33366E-07	130	107	9.97E-06	198	147.5	1.63812E-05	446	410.5	3.69E-05
17.99972	20	1.22E-02	9.10E-03	2.18E+00		58	0.0078795		358.5	0.048703		17.5	0.002377		5.5	7.47194E-07		107	1.45E-05		147.5	2.00384E-05		410.5	5.58E-05
18.06639	24	1.92E-02	1.57E-02	3.77E+00		58	0.0136044		358.5	0.084089		17.5	0.004105		5.5	1.29007E-06		107	2.51E-05		147.5	3.45974E-05		410.5	9.63E-05
18.13305	28	3.77E-02	2.84E-02	6.82E+00	47	42	0.0246125	266	238.5	0.152131	11	9.5	0.007426	7	5.5	2.33395E-06	84	69.5	4.54E-05	97	90.5	6.25922E-05	375	307	0.000174
18.19972	32	0.1228638	8.03E-02	1.93E+01		42	0.0503288		238.5	0.285796		9.5	0.011384		5.5	6.59068E-06		69.5	8.33E-05		90.5	0.000108447		307	0.000368
18.26639	36	0.2503517	1.87E-01	4.48E+01		42	0.1170055		238.5	0.664424		9.5	0.026466		5.5	1.53221E-05		69.5	0.000194		90.5	0.000252119		307	0.000855
18.33306	40	0.3656535	3.08E-01	7.39E+01		42	0.1931217		238.5	1.096655		9.5	0.043682		5.5	2.52897E-05		69.5	0.00032		90.5	0.000416131		307	0.001412
18.39972	44	0.3748377	3.70E-01	8.89E+01	37	32	0.2321488	211	192.5	1.318274	8	7	0.05251	4	3.5	3.04004E-05	55	57	0.000384	84	101.5	0.000500225	239	258.5	0.001697
18.46639	48	0.3804343	3.78E-01	9.06E+01		32	0.1804059		192.5	1.085254		7	0.039464		3.5	1.97319E-05		57	0.000321		101.5	0.000572225		258.5	0.001457
18.53306	52	0.4132387	3.97E-01	9.52E+01		32	0.1895784		192.5	1.140433		7	0.04147		3.5	2.07351E-05		57	0.000338		101.5	0.000601319		258.5	0.001531
18.59972	56	0.4635937	4.38E-01	1.05E+02		32	0.2094421		192.5	1.259925		7	0.045815		3.5	2.29077E-05		57	0.000373		101.5	0.000664324		258.5	0.001692
18.66639	60	0.5191641	4.91E-01	1.18E+02	27	32	0.2347436	174	166.5	1.41213	6	7	0.05135	3	2	2.56751E-05	59	70.5	0.000418	119	102	0.000744577	278	310	0.001896
18.73306	64	0.5721309	5.46E-01	1.31E+02		32	0.260669		166.5	1.356294		7	0.057021		2	1.62918E-05		70.5	0.000574		102	0.000830883		310	0.002525
18.79972	68	0.6191176	5.96E-01	1.43E+02		32	0.2845442		166.5	1.480519		7	0.062244		2	1.7784E-05		70.5	0.000627		102	0.000906984		310	0.002757
18.86639	72	0.6322272	6.26E-01	1.50E+02		32	0.2988989		166.5	1.555208		7	0.065384		2	1.86812E-05		70.5	0.000659		102	0.00095274		310	0.002896
18.93306	76	0.6259142	6.29E-01	1.51E+02	37	37.5	0.3005223	159	138	1.563655	8	7	0.065739	1	3.5	1.87826E-05	82	65.5	0.000662	85	81.5	0.000957915	342	325.5	0.002911
18.99972	80	0.6246747	6.25E-01	1.50E+02		37.5	0.3500605		138	1.288223		7	0.065345		3.5	3.26723E-05		65.5	0.000611		81.5	0.000760798		325.5	0.003039
19.06639	84	0.6241174	6.24E-01	1.50E+02		37.5	0.3495576		138	1.286372		7	0.065251		3.5	3.26254E-05		65.5	0.000611		81.5	0.000759705		325.5	0.003034
19.13305	88	0.6202604	6.22E-01	1.49E+02		37.5	0.348322		138	1.281825		7	0.06502		3.5	3.251E-05		65.5	0.000608		81.5	0.00075702		325.5	0.003023
19.19972	92	0.6133523	6.17E-01	1.48E+02	38	29	0.3453086	117	110.5	1.270736	6	5.5	0.064458	6	8	3.22288E-05	49	36	0.000603	78	66	0.000750471	309	264	0.002997
19.26639	96	0.6048709	6.09E-01	1.46E+02		29	0.2637073		110.5	1.004816		5.5	0.050013		8	7.27468E-05		36	0.000327		66	0.000600161		264	0.002401
19.33306	100	0.5859043	5.95E-01	1.43E+02		29	0.2577657		110.5	0.982176		5.5	0.048887		8	7.11078E-05		36	0.00032		66	0.000586639		264	0.002347
19.39972	104	0.5267736	5.56E-01	1.34E+02	20	28	0.2408601	104	111	0.91776	5	6	0.04568	10	7.5	6.64442E-05	23	37	0.000299	54	50	0.000548164	219	258	0.002193
19.46639	108	0.476292	5.02E-01	1.20E+02		28	0.2096451		111	0.831093		6	0.044924		7.5	5.61549E-05		37	0.000277		50	0.000374366		258	0.001932
19.53306	112	0.4392457	4.58E-01	1.10E+02		28	0.1913514		111	0.758572		6	0.041004		7.5	5.12548E-05		37	0.000253		50	0.000341699		258	0.001763
19.59972	116	0.407456	4.23E-01	1.02E+02		28	0.1769644		111	0.701537		6	0.037921		7.5	4.74012E-05		37	0.000234		50	0.000316008		258	0.001631
19.66639	120	0.3764574	3.92E-01	9.41E+01	36	35	0.1638413	118	142.5	0.649514	7	8	0.035109	5	5	4.38861E-05	51	53	0.000217	46	51.5	0.000292574	297	258	0.00151
19.73306	124	0.3445171	3.60E-01	8.65E+01		35	0.1883585		142.5	0.766888		8	0.043053		5	2.69084E-05		53	0.000285		51.5	0.000277156		258	0.001388
19.79972	128	0.317656	3.31E-01	7.95E+01		35	0.1729963		142.5	0.704342		8	0.039542		5	2.47138E-05		53	0.000262		51.5	0.000254552		258	0.001275
19.86639	132	0.2946875	3.06E-01	7.35E+01		35	0.1599781		142.5	0.651339		8	0.036566		5	2.2854E-05		53	0.000242		51.5	0.000235396		258	0.001179
19.93306	136	0.2751361	2.85E-01	6.84E+01	34	29.5	0.1488695	167	126.5	0.606112	9	8	0.034027	5	4	2.12671E-05	55	56.5	0.000225	57	60.5	0.000219051	219	235.5	0.001097
19.99972	140	0.2585386	2.67E-01	6.40E+01		29.5	0.1175157		126.5	0.503923		8	0.031869		4	1.59343E-05		56.5	0.000225		60.5	0.000241007		235.5	0.000938
20.06639	144	0.2458064	2.52E-01	6.05E+01		29.5	0.1110573		126.5	0.476229		8	0.030117		4	1.50586E-05		56.5	0.000213		60.5	0.000227762		235.5	0.000887
20.13305	148	0.2555181	2.51E-01	6.02E+01		29.5	0.1103922		126.5	0.473377		8	0.029937		4	1.49684E-05		56.5	0.000211		60.5	0.000226398		235.5	0.000881
20.19972	152	0.2726468	2.64E-01	6.34E+01	25	27.5	0.1163025	86	107.5	0.498721	7	8	0.03154	3	3	1.57698E-05	58	59.5	0.000223	64	64.5	0.000238519	252	277	0.000928
20.26639	156	0.2844545	2.79E-01	6.69E+01		27.5	0.1143574		107.5	0.447033		8	0.033268		3	1.24754E-05		59.5	0.000247		64.5	0.00026822		277	0.001152
20.33306	160	0.2921365	2.88E-01	6.92E+01		27.5	0.1183581		107.5	0.462672		8	0.034431		3	1.29118E-05		59.5	0.000256		64.5	0.000277603		277	0.001192
20.39972	164	0.29886	2.95E-01	7.09E+01		27.5	0.1213151		107.5	0.474232		8	0.035292		3	1.32344E-05		59.5	0.000262		64.5	0.000284539		277	0.001222
20.46639	168	0.3061759	3.03E-01	7.26E+01	30	40.5	0.124197	129	118	0.485497	9	9.5	0.03613	3	4	1.35488E-05	61	54	0.000269	65	64	0.000291298	302	269	0.001251
20.53306	172	0.3143298	3.10E-01	7.45E+01		40.5	0.187585		118	0.546544		9.5	0.044001		4	1.85269E-05		54	0.00025		64	0.000296431		269	0.001246
20.59972	176	0.3229178	3.19E-01	7.65E+01		40.5	0.1926462		118	0.56129		9.5	0.045189		4	1.90268E-05		54	0.000257		64	0.000304429		269	0.00128
20.66639	180	0.3314922	3.27E-01	7.85E+01	51	47	0.1978346	107	114	0.576407	10	9	0.046406	5	7	1.95392E-05	47	48	0.000264	63	102.5	0.000312628	236	271	0.001314
20.73306	184	0.3394699	3.35E-01	8.05E+01		47	0.2353928		114	0.570953		9	0.045075		7	3.50585E-05		48	0.00024		102.5	0.000513357		271	0.001357
20.79972	188	0.3463756	3.43E-01	8.23E+01		47	0.2406143		114	0.583618		9	0.046075		7	3.58362E-05		48	0.000246		102.5	0.000524744		271	0.001387
20.86639	192	0.3322686	3.39E-01	8.14E+01		47	0.2380879		114	0.57749		9	0.045591		7	3.54599E-05		48	0.000243		102.5	0.000519234		271	0.001373
20.93306	196	0.3055969	3.19E-01	7.65E+01		47	0.2237816		114	0.542789		9	0.042852	9	7	3.33292E-05	49	42	0.000229	142	140.5	0.000488034	306	294	0.00129
20.99972	200	0.2863923	2.96E-01	7.10E+01		47	0.2076868		114	0.503751		9	0.03977		7	3.09321E-05		42	0.000186		140.5	0.000620851		294	0.001299
21.06639	204	0.2724472	2.79E-01	6.71E+01		47	0.196057		114	0.475542		9	0.037543		7	2.92E-05		42	0.000175		140.5	0.000586085		294	0.001226
21.13305	208	0.2597512	2.66E-01	6.39E+01		47	0.1867105		114	0.452872		9	0.035753		7	2.78079E-05		42	0.000167		140.5	0.000558145		294	0.001168
21.19972	212	0.2471306	2.53E-01	6.08E+01		47	0.1778287		114	0.431329		9	0.034052		7	2.64851E-05		42	0.000159		140.5	0.000531594		294	0.001112

Conduit CSO 1027

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
5.53E+03	6.60	13.09	44.75	2.72	0.00	0.02	0.03	0.09

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
21.26639	216	0.2349084	2.41E-01	5.78E+01		47	0.1691131		114	0.410189		9	0.032383		7	2.51871E-05		42	0.000151		140.5	0.00050554		284	0.001058
21.33306	220	0.2235958	2.29E-01	5.50E+01		47	0.1608565		114	0.390162		9	0.030802		7	2.39573E-05		42	0.000144		140.5	0.000480858		284	0.001006
21.39972	224	0.2133366	2.18E-01	5.24E+01		47	0.1532884		114	0.371806		9	0.029353	5	4	2.28302E-05	35	37.5	0.000137	139	120.5	0.000458235	282	252.5	0.000959
21.46639	228	0.2042644	2.09E-01	5.01E+01		47	0.1465064		114	0.355356		9	0.028054		4	1.24686E-05		37.5	0.000117		120.5	0.000375618		252.5	0.000787
21.53306	232	0.1964106	2.00E-01	4.81E+01		47	0.1405683		114	0.340953		9	0.026917		4	1.19633E-05		37.5	0.000112		120.5	0.000360393		252.5	0.000755
21.59972	236	0.1896786	1.93E-01	4.63E+01		47	0.1354512		114	0.328541		9	0.025937		4	1.15278E-05		37.5	0.000108		120.5	0.000347274		252.5	0.000728
21.66639	240	0.1839564	1.87E-01	4.48E+01	43	48	0.1310819	121	91	0.317943	8	9	0.025101	3	4	1.11559E-05	40	37.5	0.000105	102	120.5	0.000336072	223	252.5	0.000704
21.73306	244	0.1791777	1.82E-01	4.36E+01		48	0.1301085		91	0.246664		9	0.024395		4	1.08424E-05		37.5	0.000102		120.5	0.000326626		252.5	0.000684
21.79972	248	0.1751348	1.77E-01	4.25E+01		48	0.1269477		91	0.240672		9	0.023803		4	1.0579E-05		37.5	9.92E-05		120.5	0.000318692		252.5	0.000668
21.86639	252	0.1716838	1.73E-01	4.16E+01		48	0.1242626		91	0.235581		9	0.023299		4	1.03552E-05		37.5	9.71E-05		120.5	0.000311951		252.5	0.000654
21.93306	256	0.1688784	1.70E-01	4.09E+01		48	0.122021		91	0.231332		9	0.022879	5	5	1.01684E-05	35	35	9.53E-05	139	139	0.000306324	282	282	0.000642
21.99972	260	0.1665942	1.68E-01	4.03E+01		48	0.1201976		91	0.227875		9	0.022537		5	1.25206E-05		35	8.76E-05		139	0.000348072		282	0.000706
22.06639	264	0.1647743	1.66E-01	3.98E+01		48	0.1187271		91	0.225087		9	0.022261		5	1.23674E-05		35	8.66E-05		139	0.000343814		282	0.000698
22.13305	268	0.163288	1.64E-01	3.94E+01		48	0.1175425		91	0.222841		9	0.022039		5	1.2244E-05		35	8.57E-05		139	0.000340383		282	0.000691
22.19972	272	0.1621048	1.63E-01	3.90E+01		48	0.116586		91	0.221028		9	0.02186	5	5	1.21444E-05	35	35	8.5E-05	139	139	0.000337614	282	282	0.000685
22.26639	276	0.1610829	1.62E-01	3.88E+01		48	0.115796		91	0.21953		9	0.021712		5	1.20821E-05		35	8.44E-05		139	0.000335326		282	0.00068
22.33306	280	0.1586209	1.60E-01	3.84E+01		48	0.1145477		91	0.217163		9	0.021478		5	1.19321E-05		35	8.35E-05		139	0.000331711		282	0.000673
22.39972	284	0.1484908	1.54E-01	3.69E+01		48	0.110036		91	0.20861		9	0.020632	5	4	1.14621E-05	35	33.5	8.02E-05	139	96	0.000318646	282	215	0.000646
22.46639	288	0.137684	1.43E-01	3.43E+01		48	0.1025345		91	0.194388		9	0.019225		4	8.54454E-06		33.5	7.16E-05		96	0.000205069		215	0.000459
22.53306	292	0.1293156	1.33E-01	3.20E+01		48	0.0956641		91	0.181363		9	0.017837		4	7.97201E-06		33.5	6.68E-05		96	0.000191328		215	0.000428
22.59972	296	0.1227593	1.26E-01	3.02E+01		48	0.0903167		91	0.171225		9	0.016934		4	7.52639E-06		33.5	6.3E-05		96	0.000180633		215	0.000405
22.66639	300	0.1170229	1.20E-01	2.88E+01	53	53	0.0859123	61	61	0.162875	10	10	0.016109	3	4	7.15936E-06	32	29.5	6E-05	53	65	0.000171825	148	171	0.000385
22.73306	304	0.1116353	1.14E-01	2.74E+01		53	0.0904607		61	0.104115		10	0.017068		4	6.82722E-06		29.5	5.04E-05		65	0.000110942		171	0.000292
22.79972	308	0.1064341	1.09E-01	2.62E+01		53	0.0862716		61	0.099294		10	0.016278		4	6.51107E-06		29.5	4.8E-05		65	0.000105805		171	0.000278
22.86639	312	0.101479	1.04E-01	2.49E+01		53	0.0822536		61	0.094669		10	0.01552		4	6.20782E-06		29.5	4.58E-05		65	0.000100877		171	0.000265
22.93306	316	9.69E-02	9.92E-02	2.38E+01		53	0.0784714		61	0.090316		10	0.014806	5	5	5.92237E-06	27	27	4.37E-05	77	77	9.62385E-05	194	194	0.000253
22.99972	320	9.27E-02	9.48E-02	2.27E+01		53	0.0749909		61	0.08631		10	0.014149		5	7.07462E-06		27	3.82E-05		77	0.000108949		194	0.000274
23.06639	324	8.89E-02	9.08E-02	2.18E+01		53	0.0718461		61	0.082691		10	0.013556		5	6.77794E-06		27	3.66E-05		77	0.00010438		194	0.000263
23.13305	328	8.41E-02	8.65E-02	2.08E+01		53	0.0684678		61	0.078803		10	0.012918		5	6.45923E-06		27	3.49E-05		77	9.94721E-05		194	0.000251
23.19972	332	8.03E-02	8.22E-02	1.97E+01		53	0.0650548		61	0.074874		10	0.012274		5	6.13725E-06		27	3.31E-05		77	9.45136E-05		194	0.000238
23.26639	336	7.74E-02	7.89E-02	1.89E+01		53	0.0623984		61	0.071817		10	0.011773		5	5.88664E-06		27	3.18E-05		77	9.06542E-05		194	0.000228
23.33306	340	7.28E-02	7.51E-02	1.80E+01		53	0.0594167		61	0.068385		10	0.011211		5	5.60535E-06		27	3.03E-05		77	8.63224E-05		194	0.000217
23.39972	344	5.82E-02	6.55E-02	1.57E+01		53	0.0517914		61	0.059609		10	0.009772	5	5	4.88598E-06	27	27	2.64E-05	77	77	7.52441E-05	194	194	0.00019
23.46639	348	4.47E-02	5.14E-02	1.23E+01		53	0.0406793		61	0.04682		10	0.007675		5	3.83767E-06		27	2.07E-05		77	5.91001E-05		194	0.000149
23.53306	352	3.50E-02	3.99E-02	9.57E+00		53	0.0315354		61	0.036295		10	0.00595		5	2.97504E-06		27	1.61E-05		77	4.58156E-05		194	0.000115
23.59972	356	2.82E-02	3.16E-02	7.58E+00		53	0.0250004		61	0.028774		10	0.004717		5	2.35853E-06		27	1.27E-05		77	3.63213E-05		194	9.15E-05
23.66639	360	2.27E-02	2.54E-02	6.11E+00		53	0.0201307		61	0.023169		10	0.003798		5	1.89912E-06		27	1.03E-05		77	2.92465E-05		194	7.37E-05
23.73306	364	1.82E-02	2.04E-02	4.91E+00		53	0.0161769		61	0.018619		10	0.003052		5	1.52612E-06		27	8.24E-06		77	2.35022E-05		194	5.92E-05
23.79972	368	1.42E-02	1.62E-02	3.88E+00		53	0.0127987		61	0.014731		10	0.002415		5	1.20742E-06		27	6.52E-06		77	1.85943E-05		194	4.68E-05
23.86639	372	1.08E-02	1.25E-02	2.99E+00		53	0.0098701		61	0.01136		10	0.001862		5	9.31144E-07		27	5.03E-06		77	1.43396E-05		194	3.61E-05
23.93306	376	7.88E-03	9.32E-03	2.24E+00		53	0.0073721		61	0.008485		10	0.001391		5	6.95483E-07		27	3.76E-06		77	1.07104E-05		194	2.7E-05
23.99972	380	5.54E-03	6.71E-03	1.61E+00		53	0.0053084		61	0.00611		10	0.001002		5	5.00795E-07		27	2.7E-06		77	7.71225E-06		194	1.94E-05
24.06639	384	3.72E-03	4.63E-03	1.11E+00		53	0.0036658		61	0.004219		10	0.000692		5	3.45826E-07		27	1.87E-06		77	5.32572E-06		194	1.34E-05
24.13305	388	2.29E-03	3.01E-03	7.22E-01		53	0.0023788		61	0.002738		10	0.000449		5	2.24414E-07		27	1.21E-06		77	3.45598E-06		194	8.71E-06
24.19972	392	1.16E-03	1.72E-03	4.14E-01		53	0.0013639		61	0.00157		10	0.000257		5	1.28666E-07		27	6.95E-07		77	1.98145E-06		194	4.99E-06
24.26639	396	3.11E-04	7.35E-04	1.76E-01		53	0.0005819		61	0.00067		10	0.00011		5	5.48915E-08		27	2.96E-07		77	8.4533E-07		194	2.13E-06
	400		1.56E-04	3.74E-02		53	0.0001231		61	0.000142		10	2.32E-05		5	1.16177E-08		27	6.27E-08		77	1.78913E-07		194	4.51E-07
	404		0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
	408		0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0

Conduit CSO 1029

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.18E+04	6.60	52.39	183.70	10.94	0.01	0.07	0.12	0.37

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
17.73306	0	2.86E-03			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
17.79972	4	8.85E-03	5.85E-03	1.41E+00		80	0.00699235		761.5	0.066558		36.5	0.00319		7.5	6.55533E-07		172.5	1.51E-05		283.5	2.47792E-05		639	5.59E-05
17.86639	8	2.03E-02	1.46E-02	3.49E+00		80	0.0173817		761.5	0.165452		36.5	0.00793		7.5	1.62953E-06		172.5	3.75E-05		283.5	6.15964E-05		639	0.000139
17.93306	12	4.04E-02	3.03E-02	7.28E+00		80	0.03620502		761.5	0.344627		36.5	0.016519		7.5	3.39422E-06		172.5	7.81E-05		283.5	0.000128302		639	0.000289
17.99972	16	7.16E-02	5.60E-02	1.34E+01	69	58	0.06685469	451	358.5	0.636373	24	17.5	0.030502	4	5.5	6.26763E-06	130	107	0.000144	198	147.5	0.000236916	446	410.5	0.000534
18.06639	20	0.1219532	9.68E-02	2.32E+01		58	0.08378768		358.5	0.517895		17.5	0.025281		5.5	7.94538E-06		107	0.000155		147.5	0.000213081		410.5	0.000593
18.13305	24	0.2409874	1.81E-01	4.36E+01		58	0.15713064		358.5	0.97123		17.5	0.04741		5.5	1.49003E-05		107	0.00029		147.5	0.000399599		410.5	0.001112
18.19972	28	0.4810132	3.61E-01	8.66E+01	47	42	0.31258122	266	238.5	1.932075	11	9.5	0.094313	7	5.5	2.96413E-05	84	69.5	0.000577	97	90.5	0.000794926	375	307	0.002212
18.26639	32	0.8723417	6.77E-01	1.62E+02		42	0.42428562		238.5	2.409336		9.5	0.095969		5.5	5.55612E-05		69.5	0.000702		90.5	0.000914234		307	0.003101
18.33306	36	1.357465	1.11E+00	2.68E+02		42	0.699059		238.5	3.969656		9.5	0.15812		5.5	9.15434E-05		69.5	0.001157		90.5	0.001506306		307	0.00511
18.39972	40	1.745619	1.55E+00	3.72E+02		42	0.97283715		238.5	5.524325		9.5	0.220046		5.5	0.000127395		69.5	0.00161		90.5	0.002096232		307	0.007111
18.46639	44	2.057641	1.90E+00	4.56E+02	37	32	1.19234691	211	192.5	6.770827	8	7	0.269698	4	3.5	0.000156141	55	57	0.001973	84	101.5	0.002569224	239	258.5	0.008715
18.53306	48	2.278948	2.17E+00	5.20E+02		32	1.03584689		192.5	6.231266		7	0.226592		3.5	0.000113296		57	0.001845		101.5	0.003285577		258.5	0.008368
18.59972	52	2.418483	2.35E+00	5.64E+02		32	1.12203838		192.5	6.749762		7	0.245446		3.5	0.000122723		57	0.001999		101.5	0.003558965		258.5	0.009064
18.66639	56	2.497984	2.46E+00	5.90E+02		32	1.17435779		192.5	7.064496		7	0.256891		3.5	0.000128445		57	0.002092		101.5	0.003724916		258.5	0.009487
18.73306	60	2.540766	2.52E+00	6.05E+02	27	32	1.20356656	174	166.5	7.240205	6	7	0.26328	3	2	0.00013164	59	70.5	0.002144	119	102	0.003817563	278	310	0.009723
18.79972	64	2.563575	2.55E+00	6.13E+02		32	1.21923377		166.5	6.343826		7	0.266707		2	7.62021E-05		70.5	0.002686		102	0.003886308		310	0.011811
18.86639	68	2.530917	2.55E+00	6.11E+02		32	1.21688122		166.5	6.331585		7	0.266193		2	7.60551E-05		70.5	0.002681		102	0.003878809		310	0.011789
18.93306	72	2.45007	2.49E+00	5.98E+02		32	1.18976917		166.5	6.190518		7	0.260262		2	7.43606E-05		70.5	0.002621		102	0.003792389		310	0.011526
18.99972	76	2.348208	2.40E+00	5.76E+02	37	37.5	1.14612691	159	138	5.963442	8	7	0.250715	1	3.5	7.16329E-05	82	65.5	0.002525	85	81.5	0.00365328	342	325.5	0.011103
19.06639	80	2.245025	2.30E+00	5.51E+02		37.5	1.28572198		138	4.731457		7	0.240001		3.5	0.000120001		65.5	0.002246		81.5	0.002794302		325.5	0.01116
19.13305	84	2.152208	2.20E+00	5.28E+02		37.5	1.23085833		138	4.529559		7	0.22976		3.5	0.00011488		65.5	0.00215		81.5	0.002675065		325.5	0.010684
19.19972	88	2.073781	2.11E+00	5.07E+02		37.5	1.1829243		138	4.353161		7	0.220813		3.5	0.000110406		65.5	0.002066		81.5	0.002570889		325.5	0.010268
19.26639	92	2.010282	2.04E+00	4.90E+02	38	29	1.14319687	117	110.5	4.206964	6	5.5	0.213397	6	8	0.000106698	49	36	0.001997	78	66	0.002484548	309	264	0.009923
19.33306	96	1.942284	1.98E+00	4.74E+02		29	0.85560724		110.5	3.260159		5.5	0.16227		8	0.00023603		36	0.001062		66	0.001947244		264	0.007789
19.39972	100	1.816832	1.88E+00	4.51E+02		29	0.81373135		110.5	3.100597		5.5	0.154328		8	0.000224478		36	0.00101		66	0.00185194		264	0.007408
19.46639	104	1.664561	1.74E+00	4.18E+02	20	28	0.75361299	104	111	2.871525	5	6	0.142927	10	7.5	0.000207893	23	37	0.000936	54	50	0.001715119	219	258	0.00686
19.53306	108	1.509929	1.59E+00	3.81E+02		28	0.66348227		111	2.630233		6	0.142175		7.5	0.000177718		37	0.000877		50	0.00118479		258	0.006114
19.59972	112	1.36626	1.44E+00	3.45E+02		28	0.60113605		111	2.383075		6	0.128815		7.5	0.000161019		37	0.000794		50	0.001073457		258	0.005539
19.66639	116	1.236436	1.30E+00	3.12E+02		28	0.54397482		111	2.156472		6	0.116566		7.5	0.000145708		37	0.000719		50	0.000971384		258	0.005012
19.73306	120	1.121262	1.18E+00	2.83E+02	36	35	0.49276917	118	142.5	1.953478	7	8	0.105593	5	5	0.000131992	51	53	0.000651	46	51.5	0.000879945	297	258	0.004541
19.79972	124	1.033098	1.08E+00	2.59E+02		35	0.5628383		142.5	2.291556		8	0.128649		5	8.04055E-05		53	0.000852		51.5	0.000828176		258	0.004149
19.86639	128	0.9637403	9.98E-01	2.40E+02		35	0.5216849		142.5	2.124003		8	0.119242		5	7.45264E-05		53	0.00079		51.5	0.000767622		258	0.003846
19.93306	132	0.9090722	9.36E-01	2.25E+02		35	0.48928248		142.5	1.992079		8	0.111836		5	6.98975E-05		53	0.000741		51.5	0.000719944		258	0.003607
19.99972	136	0.8648607	8.87E-01	2.13E+02	34	29.5	0.46344965	167	126.5	1.886902	9	8	0.105931	5	4	6.62071E-05	55	56.5	0.000702	57	60.5	0.000681933	219	235.5	0.003416
20.06639	140	0.8320065	8.48E-01	2.04E+02		29.5	0.3736519		126.5	1.60227		8	0.101329		4	5.06647E-05		56.5	0.000716		60.5	0.000766303		235.5	0.002983
20.13305	144	0.8324714	8.32E-01	2.00E+02		29.5	0.36651974		126.5	1.571686		8	0.099395		4	4.96976E-05		56.5	0.000702		60.5	0.000751676		235.5	0.002926
20.19972	148	0.8609531	8.47E-01	2.03E+02		29.5	0.37289381		126.5	1.599019		8	0.101124		4	5.05619E-05		56.5	0.000714		60.5	0.000764748		235.5	0.002977
20.26639	152	0.9082649	8.85E-01	2.12E+02	25	27.5	0.38958362	86	107.5	1.670587	7	8	0.10565	3	3	5.28249E-05	58	59.5	0.000746	64	64.5	0.000798977	252	277	0.00311
20.33306	156	0.9676176	9.38E-01	2.25E+02		27.5	0.38506642		107.5	1.50526		8	0.112019		3	4.20072E-05		59.5	0.000833		64.5	0.000903156		277	0.003879
20.39972	160	1.03295	1.00E+00	2.40E+02		27.5	0.4106608		107.5	1.60531		8	0.119465		3	4.47994E-05		59.5	0.000889		64.5	0.000963186		277	0.004136
20.46639	164	1.097768	1.07E+00	2.56E+02		27.5	0.43737705		107.5	1.709747		8	0.127237		3	4.77139E-05		59.5	0.000946		64.5	0.001025848		277	0.004406
20.53306	168	1.157579	1.13E+00	2.71E+02	30	40.5	0.46295991	129	118	1.809752	9	9.5	0.134679	3	4	5.05047E-05	61	54	0.001002	65	64	0.001085851	302	269	0.004663
20.59972	172	1.20959	1.18E+00	2.84E+02		40.5	0.71561859		118	2.085012		9.5	0.167861		4	7.06784E-05		54	0.000954		64	0.001130854		269	0.004753
20.66639	176	1.253389	1.23E+00	2.96E+02		40.5	0.7445829		118	2.169402		9.5	0.174655		4	7.35391E-05		54	0.000993		64	0.001176625		269	0.004946
20.73306	180	1.288725	1.27E+00	3.05E+02	51	47	0.76850619	107	114	2.239104	10	9	0.180267	5	7	7.59018E-05	47	48	0.001025	63	102.5	0.00121443	236	271	0.005104
20.79972	184	1.314455	1.30E+00	3.12E+02		47	0.9132704		114	2.215166		9	0.174882		7	0.000136019		48	0.000933		102.5	0.001991707		271	0.005266
20.86639	188	1.308101	1.31E+00	3.15E+02		47	0.92006806		114	2.231654		9	0.176183		7	0.000137031		48	0.00094		102.5	0.002006531		271	0.005305
20.93306	192	1.267076	1.29E+00	3.09E+02		47	0.90344614		114	2.191337		9	0.173		7	0.000134556		48	0.000923		102.5	0.001970281		271	0.005209
20.99972	196	1.201505	1.23E+00	2.96E+02		47	0.8660492		114	2.10063		9	0.165839	9	7	0.000128986	49	42	0.000884	142	140.5	0.001888724	306	294	0.004994
21.06639	200	1.130993	1.17E+00	2.80E+02		47	0.81830737		114	1.984831		9	0.156697		7	0.000121876		42	0.000731		140.5	0.002446217		294	0.005119
21.13305	204	1.062692	1.10E+00	2.63E+02		47	0.76960778		114	1.866708		9	0.147372		7	0.000114622		42	0.000688		140.5	0.002300636		294	0.004814
21.19972	208	1.000173	1.03E+00	2.48E+02		47	0.72371236		114	1.755387		9	0.138583		7	0.000107787		42	0.000647		140.5	0.002163438		294	0.004527
21.26639	212	0.9460189	9.73E-01	2.34E+02		47	0.68278008		114	1.656105		9	0.130745		7	0.000101691		42	0.00061		140.5	0.002041077		294	0.004271
21.33306	216	0.8994967	9.23E-01	2.21E+02		47	0.64745994		114	1.570435		9	0.123982		7	9.64302E-05		42	0.000579		140.5	0.001935492		294	0.00405

Conduit CSO 1029

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.18E+04	6.60	52.39	183.70	10.94	0.01	0.07	0.12	0.37

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
21.39972	220	0.8601889	8.80E-01	2.11E+02		47	0.61734831		114	1.497398		9	0.118216		7	9.19455E-05		42	0.000552		140.5	0.001845477		284	0.003862
21.46639	224	0.82724	8.44E-01	2.02E+02		47	0.59199858		114	1.435911		9	0.113361	5	4	8.817E-05	35	37.5	0.000529	139	120.5	0.001769698	282	252.5	0.003703
21.53306	228	0.7999095	8.14E-01	1.95E+02		47	0.57085083		114	1.384617		9	0.109312		4	4.8583E-05		37.5	0.000455		120.5	0.001463564		252.5	0.003067
21.59972	232	0.7778795	7.89E-01	1.89E+02		47	0.55353375		114	1.342614		9	0.105996		4	4.71093E-05		37.5	0.000442		120.5	0.001419166		252.5	0.002974
21.66639	236	0.7596652	7.69E-01	1.85E+02		47	0.53941489		114	1.308368		9	0.103292		4	4.59077E-05		37.5	0.00043		120.5	0.001382968		252.5	0.002898
21.73306	240	0.7446634	7.52E-01	1.81E+02	43	48	0.52776173	121	91	1.280103	8	9	0.101061	3	4	4.49159E-05	40	37.5	0.000421	102	120.5	0.001353091	223	252.5	0.002835
21.79972	244	0.7314224	7.38E-01	1.77E+02		48	0.5288715		91	1.002652		9	0.099163		4	4.40726E-05		37.5	0.000413		120.5	0.001327688		252.5	0.002782
21.86639	248	0.7196916	7.26E-01	1.74E+02		48	0.51992427		91	0.98569		9	0.097486		4	4.3327E-05		37.5	0.000406		120.5	0.001305227		252.5	0.002735
21.93306	252	0.7099521	7.15E-01	1.72E+02		48	0.51223161		91	0.971106		9	0.096043		4	4.2686E-05		37.5	0.0004		120.5	0.001285915		252.5	0.002695
21.99972	256	0.7022346	7.06E-01	1.69E+02		48	0.50597689		91	0.959248		9	0.094871	5	5	4.21647E-05	35	35	0.000395	139	139	0.001270213	282	282	0.002662
22.06639	260	0.6957665	6.99E-01	1.68E+02		48	0.50089428		91	0.949612		9	0.093918		5	5.21765E-05		35	0.000365		139	0.001450506		282	0.002943
22.13305	264	0.6901579	6.93E-01	1.66E+02		48	0.49656728		91	0.941409		9	0.093106		5	5.17258E-05		35	0.000362		139	0.001437978		282	0.002917
22.19972	268	0.6855888	6.88E-01	1.65E+02		48	0.49292068		91	0.934495		9	0.092423		5	5.13459E-05		35	0.000359		139	0.001427416		282	0.002896
22.26639	272	0.6813871	6.83E-01	1.64E+02		48	0.48977817		91	0.928538		9	0.091833	5	5	5.10186E-05	35	35	0.000357	139	139	0.001418316	282	282	0.002877
22.33306	276	0.6741294	6.78E-01	1.63E+02		48	0.48567234		91	0.920754		9	0.091064		5	5.05909E-05		35	0.000354		139	0.001406426		282	0.002853
22.39972	280	0.6532804	6.64E-01	1.59E+02		48	0.4756019		91	0.901662		9	0.089175		5	4.95419E-05		35	0.000347		139	0.001377264		282	0.002794
22.46639	284	0.6237354	6.39E-01	1.53E+02		48	0.45754607		91	0.867431		9	0.08579	5	4	4.7661E-05	35	33.5	0.000334	139	96	0.001324977	282	215	0.002688
22.53306	288	0.5899349	6.07E-01	1.46E+02		48	0.43484981		91	0.824403		9	0.081534		4	3.62375E-05		33.5	0.000303		96	0.0008697		215	0.001948
22.59972	292	0.555573	5.73E-01	1.37E+02		48	0.41042769		91	0.778102		9	0.076955		4	3.42023E-05		33.5	0.000286		96	0.000820855		215	0.001838
22.66639	296	0.5224627	5.39E-01	1.29E+02		48	0.38625286		91	0.732271		9	0.072422		4	3.21877E-05		33.5	0.00027		96	0.000772506		215	0.00173
22.73306	300	0.4918459	5.07E-01	1.22E+02	53	53	0.36341987	61	61	0.688984	10	10	0.068141	3	4	3.0285E-05	32	29.5	0.000254	53	65	0.00072684	148	171	0.001628
22.79972	304	0.4643757	4.78E-01	1.15E+02		53	0.376296		61	0.435397		10	0.071377		4	2.85506E-05		29.5	0.000211		65	0.000463948		171	0.001221
22.86639	308	0.4403745	4.52E-01	1.09E+02		53	0.35793312		61	0.411961		10	0.067535		4	2.70138E-05		29.5	0.000199		65	0.000438975		171	0.001155
22.93306	312	0.4195545	4.30E-01	1.03E+02		53	0.34020116		61	0.391552		10	0.064189		4	2.56756E-05		29.5	0.000189		65	0.000417228		171	0.001098
22.99972	316	0.4013437	4.10E-01	9.85E+01		53	0.32475997		61	0.37378		10	0.061275	5	5	2.45102E-05	27	27	0.000181	77	77	0.000398291	194	194	0.001048
23.06639	320	0.385974	3.94E-01	9.45E+01		53	0.31147501		61	0.35849		10	0.058769		5	2.93844E-05		27	0.000159		77	0.00045252		194	0.00114
23.13305	324	0.3731601	3.80E-01	9.11E+01		53	0.30032514		61	0.345657		10	0.056665		5	2.83326E-05		27	0.000153		77	0.000436321		194	0.001099
23.19972	328	0.362431	3.68E-01	8.83E+01		53	0.29101117		61	0.334937		10	0.054908		5	2.74539E-05		27	0.000148		77	0.00042279		194	0.001065
23.26639	332	0.3535648	3.58E-01	8.59E+01		53	0.28325897		61	0.326015		10	0.053445		5	2.67225E-05		27	0.000144		77	0.000411527		194	0.001037
23.33306	336	0.342253	3.48E-01	8.35E+01		53	0.27527624		61	0.316827		10	0.051939		5	2.59695E-05		27	0.00014		77	0.00039993		194	0.001008
23.39972	340	0.3164091	3.29E-01	7.90E+01		53	0.26057687		61	0.299909		10	0.049165		5	2.45827E-05		27	0.000133		77	0.000378574		194	0.000954
23.46639	344	0.277789	2.97E-01	7.13E+01		53	0.23507392		61	0.270557		10	0.044354	5	5	2.21768E-05	27	27	0.00012	77	77	0.000341522	194	194	0.00086
23.53306	348	0.236843	2.57E-01	6.18E+01		53	0.20359635		61	0.234328		10	0.038414		5	1.92072E-05		27	0.000104		77	0.000295791		194	0.000745
23.59972	352	0.1999538	2.18E-01	5.24E+01		53	0.17280354		61	0.198887		10	0.032604		5	1.63022E-05		27	8.8E-05		77	0.000251054		194	0.000833
23.66639	356	0.1665483	1.83E-01	4.40E+01		53	0.14499388		61	0.16688		10	0.027357		5	1.36787E-05		27	7.39E-05		77	0.000210651		194	0.000531
23.73306	360	0.1367394	1.52E-01	3.64E+01		53	0.11998529		61	0.138096		10	0.022639		5	1.13194E-05		27	6.11E-05		77	0.000174318		194	0.000439
23.79972	364	0.1101639	1.23E-01	2.96E+01		53	0.09767875		61	0.112423		10	0.01843		5	9.21498E-06		27	4.98E-05		77	0.000141911		194	0.000358
23.86639	368	8.64E-02	9.83E-02	2.36E+01		53	0.07776983		61	0.089509		10	0.014674		5	7.33678E-06		27	3.96E-05		77	0.000112986		194	0.000285
23.93306	372	6.64E-02	7.64E-02	1.83E+01		53	0.06046591		61	0.069593		10	0.011409		5	5.70433E-06		27	3.08E-05		77	8.78467E-05		194	0.000221
23.99972	376	4.99E-02	5.82E-02	1.40E+01		53	0.0460317		61	0.05298		10	0.008685		5	4.34261E-06		27	2.35E-05		77	6.68762E-05		194	0.000168
24.06639	380	3.62E-02	4.30E-02	1.03E+01		53	0.03405575		61	0.039196		10	0.006426		5	3.21281E-06		27	1.73E-05		77	4.94772E-05		194	0.000125
24.13305	384	2.48E-02	3.05E-02	7.32E+00		53	0.02412123		61	0.027762		10	0.004551		5	2.27559E-06		27	1.23E-05		77	3.50441E-05		194	8.83E-05
24.19972	388	1.59E-02	2.03E-02	4.88E+00		53	0.01609053		61	0.018519		10	0.003036		5	1.51797E-06		27	8.2E-06		77	2.33768E-05		194	5.89E-05
24.26639	392	8.78E-03	1.23E-02	2.96E+00		53	0.00974622		61	0.011217		10	0.001839		5	9.19455E-07		27	4.97E-06		77	1.41598E-05		194	3.57E-05
24.33306	396	3.56E-03	6.17E-03	1.48E+00		53	0.00488408		61	0.005621		10	0.000922		5	4.60762E-07		27	2.49E-06		77	7.09573E-06		194	1.79E-05
	400		1.78E-03	4.28E-01		53	0.00140983		61	0.001623		10	0.000266		5	1.33003E-07		27	7.18E-07		77	2.04824E-06		194	5.16E-06
	404		0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
	408		0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
	412		0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0

Conduit CSO 1031

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
1.70E+04	6.40	40.47	159.02	8.68	0.01	0.06	0.10	0.30

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
17.53306	0	8.37E-03			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
17.59972	4	3.56E-02	2.20E-02	5.28E+00		80	0.0262594		761.5	0.249957		36.5	0.011981		7.5	2.46182E-06		172.5	5.66E-05		283.5	9.31E-05		639	0.00021
17.66639	8	8.79E-02	6.18E-02	1.48E+01		80	0.0737773		761.5	0.702268		36.5	0.033661		7.5	6.91662E-06		172.5	0.000159		283.5	0.000261		639	0.000589
17.73306	12	0.1646792	1.26E-01	3.03E+01		80	0.1508558		761.5	1.435959		36.5	0.068828		7.5	1.41427E-05		172.5	0.000325		283.5	0.000535		639	0.001205
17.79972	16	0.287327	2.26E-01	5.42E+01	69	58	0.2699179	451	358.5	2.569281	24	17.5	0.12315	4	5.5	2.53048E-05	130	107	0.000582	198	147.5	0.000957	446	410.5	0.002156
17.86639	20	0.3837677	3.36E-01	8.05E+01		58	0.2905421		358.5	1.795851		17.5	0.087664		5.5	2.75514E-05		107	0.000536		147.5	0.000739		410.5	0.002056
17.93306	24	0.5408937	4.62E-01	1.11E+02		58	0.4003207		358.5	2.474396		17.5	0.120786		5.5	3.79614E-05		107	0.000739		147.5	0.001018		410.5	0.002833
17.99972	28	0.8339449	6.87E-01	1.65E+02	47	42	0.5952193	266	238.5	3.679071	11	9.5	0.179592	7	5.5	5.64432E-05	84	69.5	0.001098	97	90.5	0.001514	375	307	0.004213
18.06639	32	1.289309	1.06E+00	2.55E+02		42	0.665654		238.5	3.779964		9.5	0.150565		5.5	8.7169E-05		69.5	0.001101		90.5	0.001434		307	0.004866
18.13305	36	1.66673	1.48E+00	3.55E+02		42	0.9267376		238.5	5.262546		9.5	0.209619		5.5	0.000121358		69.5	0.001534		90.5	0.001997		307	0.006774
18.19972	40	1.968804	1.82E+00	4.36E+02		42	1.1397637		238.5	6.47223		9.5	0.257804		5.5	0.000149255		69.5	0.001886		90.5	0.002456		307	0.008331
18.26639	44	2.206576	2.09E+00	5.01E+02	37	32	1.309009	211	192.5	7.433301	8	7	0.296085	4	3.5	0.000171418	55	57	0.002166	84	101.5	0.002821	239	258.5	0.009588
18.33306	48	2.373056	2.29E+00	5.50E+02		32	1.0939007		192.5	6.580496		7	0.239291		3.5	0.000119645		57	0.001949		101.5	0.00347		258.5	0.008837
18.39972	52	2.408258	2.39E+00	5.74E+02		32	1.1420749		192.5	6.870294		7	0.249829		3.5	0.000124914		57	0.002034		101.5	0.003623		258.5	0.009226
18.46639	56	2.300802	2.35E+00	5.65E+02		32	1.1248161		192.5	6.766472		7	0.246054		3.5	0.000123027		57	0.002004		101.5	0.003568		258.5	0.009086
18.53306	60	2.117668	2.21E+00	5.30E+02	27	32	1.0554052	174	166.5	6.348922	6	7	0.23087	3	2	0.000115435	59	70.5	0.00188	119	102	0.003348	278	310	0.008526
18.59972	64	1.955909	2.04E+00	4.89E+02		32	0.9730233		166.5	5.062762		7	0.212849		2	6.0814E-05		70.5	0.002144		102	0.003102		310	0.009426
18.66639	68	1.850161	1.90E+00	4.57E+02		32	0.909126		166.5	4.730296		7	0.198871		2	5.68204E-05		70.5	0.002003		102	0.002898		310	0.008807
18.73306	72	1.793171	1.82E+00	4.37E+02		32	0.870254		166.5	4.528041		7	0.190368		2	5.43909E-05		70.5	0.001917		102	0.002774		310	0.008431
18.79972	76	1.771357	1.78E+00	4.28E+02	37	37.5	0.8514308	159	138	4.430101	8	7	0.18825	1	3.5	5.32144E-05	82	65.5	0.001876	85	81.5	0.002714	342	325.5	0.008248
18.86639	80	1.761398	1.77E+00	4.24E+02		37.5	0.9888766		138	3.639066		7	0.18459		3.5	9.22952E-05		65.5	0.001727		81.5	0.002149		325.5	0.008583
18.93306	84	1.726485	1.74E+00	4.19E+02		37.5	0.9763162		138	3.592844		7	0.182246		3.5	9.11228E-05		65.5	0.001705		81.5	0.002122		325.5	0.008474
18.99972	88	1.670572	1.70E+00	4.08E+02		37.5	0.9508925		138	3.499284		7	0.1775		3.5	8.875E-05		65.5	0.001661		81.5	0.002067		325.5	0.008254
19.06639	92	1.615615	1.64E+00	3.94E+02	38	29	0.9198582	117	110.5	3.385078	6	5.5	0.171707	6	8	8.58534E-05	49	36	0.001607	78	66	0.001999	309	264	0.007984
19.13305	96	1.574415	1.60E+00	3.83E+02		29	0.690542		110.5	2.631203		5.5	0.130965		8	0.000190494		36	0.000857		66	0.001572		264	0.006286
19.19972	100	1.546794	1.56E+00	3.75E+02		29	0.6756444		110.5	2.574438		5.5	0.128139		8	0.000186385		36	0.000839		66	0.001538		264	0.006151
19.26639	104	1.526716	1.54E+00	3.69E+02	20	28	0.665319	104	111	2.535095	5	6	0.126181	10	7.5	0.000183536	23	37	0.000826	54	50	0.001514	219	258	0.006057
19.33306	108	1.507563	1.52E+00	3.64E+02		28	0.6341776		111	2.514061		6	0.135895		7.5	0.000169869		37	0.000838		50	0.001132		258	0.005843
19.39972	112	1.450701	1.48E+00	3.55E+02		28	0.6182901		111	2.451079		6	0.132491		7.5	0.000165613		37	0.000817		50	0.001104		258	0.005697
19.46639	116	1.33872	1.39E+00	3.35E+02		28	0.5830012		111	2.311183		6	0.124929		7.5	0.000156161		37	0.00077		50	0.001041		258	0.005372
19.53306	120	1.181761	1.26E+00	3.02E+02	36	35	0.5267915	118	142.5	2.088352	7	8	0.112884	5	5	0.000141105	51	53	0.000696	46	51.5	0.000941	297	258	0.004854
19.59972	124	1.011523	1.10E+00	2.63E+02		35	0.5730074		142.5	2.332959		8	0.130973		5	8.18582E-05		53	0.000868		51.5	0.000843		258	0.004224
19.66639	128	0.8752692	9.43E-01	2.26E+02		35	0.4929348		142.5	2.006949		8	0.112671		5	7.04193E-05		53	0.000746		51.5	0.000725		258	0.003634
19.73306	132	0.772828	8.24E-01	1.98E+02		35	0.4305744		142.5	1.753053		8	0.098417		5	6.15106E-05		53	0.000652		51.5	0.000634		258	0.003174
19.79972	136	0.6970976	7.35E-01	1.76E+02	34	29.5	0.3840261	167	126.5	1.563535	9	8	0.087777	5	4	5.48609E-05	55	56.5	0.000582	57	60.5	0.000565	219	235.5	0.002831
19.86639	140	0.6345601	6.66E-01	1.60E+02		29.5	0.2932324		126.5	1.25742		8	0.079521		4	3.97603E-05		56.5	0.000562		60.5	0.000601		235.5	0.002341
19.93306	144	0.5819704	6.08E-01	1.46E+02		29.5	0.2678813		126.5	1.148711		8	0.072646		4	3.63229E-05		56.5	0.000513		60.5	0.000549		235.5	0.002139
19.99972	148	0.5384218	5.60E-01	1.34E+02		29.5	0.2467115		126.5	1.057932		8	0.066905		4	3.34524E-05		56.5	0.000473		60.5	0.000506		235.5	0.00197
20.06639	152	0.5032071	5.21E-01	1.25E+02	25	27.5	0.2293678	86	107.5	0.98356	7	8	0.062201	3	3	3.11007E-05	58	59.5	0.000439	64	64.5	0.00047	252	277	0.001831
20.13305	156	0.482525	4.93E-01	1.18E+02		27.5	0.2023433		107.5	0.790979		8	0.058864		3	2.20738E-05		59.5	0.000438		64.5	0.000475		277	0.002038
20.19972	160	0.4910927	4.87E-01	1.17E+02		27.5	0.1998566		107.5	0.781258		8	0.05814		3	2.18025E-05		59.5	0.000432		64.5	0.000469		277	0.002013
20.26639	164	0.5251102	5.08E-01	1.22E+02		27.5	0.2085981		107.5	0.815429		8	0.060683		3	2.27562E-05		59.5	0.000451		64.5	0.000489		277	0.002101
20.33306	168	0.5749448	5.50E-01	1.32E+02	30	40.5	0.2258106	129	118	0.882714	9	9.5	0.06569	3	4	2.46339E-05	61	54	0.000489	65	64	0.00053	302	269	0.002275
20.39972	172	0.6304864	6.03E-01	1.45E+02		40.5	0.3644138		118	1.061749		9.5	0.08548		4	3.59915E-05		54	0.000486		64	0.000576		269	0.00242
20.46639	176	0.6838481	6.57E-01	1.58E+02		40.5	0.3973363		118	1.157671		9.5	0.093202		4	3.92431E-05		54	0.00053		64	0.000628		269	0.002639
20.53306	180	0.7301792	7.07E-01	1.70E+02	51	47	0.4274744	107	114	1.245481	10	9	0.100272	5	7	4.22197E-05	47	48	0.00057	63	102.5	0.000676	236	271	0.002839
20.59972	184	0.7676429	7.49E-01	1.80E+02		47	0.5254791		114	1.274566		9	0.100624		7	7.82628E-05		48	0.000537		102.5	0.001146		271	0.00303
20.66639	188	0.7973311	7.82E-01	1.88E+02		47	0.5490379		114	1.331709		9	0.105135		7	8.17716E-05		48	0.000561		102.5	0.001197		271	0.003166
20.73306	192	0.8215809	8.09E-01	1.94E+02		47	0.5679609		114	1.377607		9	0.108758		7	8.45899E-05		48	0.00058		102.5	0.001239		271	0.003275
20.79972	196	0.8436322	8.33E-01	2.00E+02		47	0.5842046		114	1.417007		9	0.111869	9	7	8.70092E-05	49	42	0.000597	142	140.5	0.001274	306	294	0.003368
20.86639	200	0.85593	8.50E-01	2.04E+02		47	0.5962553		114	1.446236		9	0.114177		7	8.8804E-05		42	0.000533		140.5	0.001782		294	0.00373
20.93306	204	0.8318947	8.44E-01	2.03E+02		47	0.5921374		114	1.436248		9	0.113388		7	8.81907E-05		42	0.000529		140.5	0.00177		294	0.003704
20.99972	208	0.7817147	8.07E-01	1.94E+02		47	0.5661006		114	1.373095		9	0.108402		7	8.43129E-05		42	0.000506		140.5	0.001692		294	0.003541
21.06639	212	0.7203249	7.51E-01	1.80E+02		47	0.5269587		114	1.278155		9	0.100907		7	7.84832E-05		42	0.000471		140.5	0.001575		294	0.003296

Conduit CSO 1031

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
1.70E+04	6.40	40.47	159.02	8.68	0.01	0.06	0.10	0.30

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
21.13305	216	0.6595183	6.90E-01	1.66E+02		47	0.4840887		114	1.174173		9	0.092698		7	7.20983E-05		42	0.000433		140.5	0.001447		294	0.003028
21.19972	220	0.6059004	6.33E-01	1.52E+02		47	0.4439453		114	1.076803		9	0.085011		7	6.61195E-05		42	0.000397		140.5	0.001327		294	0.002777
21.26639	224	0.5621269	5.84E-01	1.40E+02		47	0.4097776		114	0.993929		9	0.078468	5	4	6.10307E-05	35	37.5	0.000366	139	120.5	0.001225	282	252.5	0.002563
21.33306	228	0.5274763	5.45E-01	1.31E+02		47	0.3822641		114	0.927194		9	0.0732		4	3.25331E-05		37.5	0.000305		120.5	0.00098		252.5	0.002054
21.39972	232	0.5000349	5.14E-01	1.23E+02		47	0.3604805		114	0.874357		9	0.069028		4	3.06792E-05		37.5	0.000288		120.5	0.000924		252.5	0.001937
21.46639	236	0.47763	4.89E-01	1.17E+02		47	0.342993		114	0.83194		9	0.06568		4	2.91909E-05		37.5	0.000274		120.5	0.000879		252.5	0.001843
21.53306	240	0.4589826	4.68E-01	1.12E+02	43	48	0.3285906	121	91	0.797007	8	9	0.062922	3	4	2.79652E-05	40	37.5	0.000262	102	120.5	0.000842	223	252.5	0.001765
21.59972	244	0.442946	4.51E-01	1.08E+02		48	0.3231549		91	0.612648		9	0.060592		4	2.69296E-05		37.5	0.000252		120.5	0.000811		252.5	0.0017
21.66639	248	0.428837	4.36E-01	1.05E+02		48	0.3123539		91	0.592171		9	0.058566		4	2.60295E-05		37.5	0.000244		120.5	0.000784		252.5	0.001643
21.73306	252	0.4163149	4.23E-01	1.01E+02		48	0.3028122		91	0.574081		9	0.056777		4	2.52343E-05		37.5	0.000237		120.5	0.00076		252.5	0.001593
21.79972	256	0.4052268	4.11E-01	9.86E+01		48	0.2943528		91	0.558044		9	0.055191	5	5	2.45294E-05	35	35	0.00023	139	139	0.000739	282	282	0.001548
21.86639	260	0.3954947	4.00E-01	9.61E+01		48	0.2868931		91	0.543901		9	0.053792		5	2.98847E-05		35	0.000209		139	0.000831		282	0.001685
21.93306	264	0.3870431	3.91E-01	9.39E+01		48	0.280378		91	0.53155		9	0.052571		5	2.9206E-05		35	0.000204		139	0.000812		282	0.001647
21.99972	268	0.3798654	3.83E-01	9.20E+01		48	0.2747781		91	0.520933		9	0.051521		5	2.86227E-05		35	0.0002		139	0.000796		282	0.001614
22.06639	272	0.3738028	3.77E-01	9.04E+01		48	0.2700341		91	0.51194		9	0.050631	5	5	2.81286E-05	35	35	0.000197	139	139	0.000782	282	282	0.001586
22.13305	276	0.3688583	3.71E-01	8.91E+01		48	0.2660903		91	0.504463		9	0.049892		5	2.77177E-05		35	0.000194		139	0.000771		282	0.001563
22.19972	280	0.3648967	3.67E-01	8.81E+01		48	0.2628994		91	0.498413		9	0.049294		5	2.73854E-05		35	0.000192		139	0.000761		282	0.001545
22.26639	284	0.361771	3.63E-01	8.72E+01		48	0.2603601		91	0.493599		9	0.048818	5	4	2.71208E-05	35	33.5	0.00019	139	96	0.000754	282	215	0.00153
22.33306	288	0.3592531	3.61E-01	8.65E+01		48	0.258338		91	0.489766		9	0.048438		4	2.15282E-05		33.5	0.00018		96	0.000517		215	0.001157
22.39972	292	0.3519858	3.56E-01	8.53E+01		48	0.2548321		91	0.483119		9	0.047781		4	2.1236E-05		33.5	0.000178		96	0.00051		215	0.001141
22.46639	296	0.3351259	3.44E-01	8.25E+01		48	0.2461874		91	0.46673		9	0.04616		4	2.05156E-05		33.5	0.000172		96	0.000492		215	0.001103
22.53306	300	0.3112446	3.23E-01	7.76E+01	53	53	0.2315902	61	61	0.439056	10	10	0.043423	3	4	1.92992E-05	32	29.5	0.000162	53	65	0.000463	148	171	0.001037
22.59972	304	0.2726177	2.92E-01	7.01E+01		53	0.2309849		61	0.265851		10	0.043582		4	1.74328E-05		29.5	0.000129		65	0.000283		171	0.000745
22.66639	308	0.2379285	2.55E-01	6.13E+01		53	0.2019799		61	0.232467		10	0.038109		4	1.52438E-05		29.5	0.000112		65	0.000248		171	0.000652
22.73306	312	0.2094337	2.24E-01	5.37E+01		53	0.1769834		61	0.203698		10	0.033393		4	1.33572E-05		29.5	9.85E-05		65	0.000217		171	0.000571
22.79972	316	0.1862559	1.98E-01	4.75E+01		53	0.1565409		61	0.18017		10	0.029536	5	5	1.18144E-05	27	27	8.71E-05	77	77	0.000192	194	194	0.000505
22.86639	320	0.1674966	1.77E-01	4.25E+01		53	0.1399499		61	0.161074		10	0.026406		5	1.32028E-05		27	7.13E-05		77	0.000203		194	0.000512
22.93306	324	0.1524086	1.60E-01	3.84E+01		53	0.1265594		61	0.145663		10	0.023879		5	1.19396E-05		27	6.45E-05		77	0.000184		194	0.000463
22.99972	328	0.1440092	1.48E-01	3.56E+01		53	0.1172674		61	0.134968		10	0.022126		5	1.1063E-05		27	5.97E-05		77	0.00017		194	0.000429
23.06639	332	0.1372098	1.41E-01	3.37E+01		53	0.1112546		61	0.128048		10	0.020991		5	1.04957E-05		27	5.67E-05		77	0.000162		194	0.000407
23.13305	336	0.1315321	1.34E-01	3.22E+01		53	0.1063184		61	0.122367		10	0.02006		5	1.003E-05		27	5.42E-05		77	0.000154		194	0.000389
23.19972	340	0.1267233	1.29E-01	3.10E+01		53	0.1021698		61	0.117592		10	0.019277		5	9.63866E-06		27	5.2E-05		77	0.000148		194	0.000374
23.26639	344	0.1225715	1.25E-01	2.99E+01		53	0.0986249		61	0.113512		10	0.018608	5	5	9.30423E-06	27	27	5.02E-05	77	77	0.000143	194	194	0.000361
23.33306	348	0.1188033	1.21E-01	2.90E+01		53	0.0954916		61	0.109905		10	0.018017		5	9.00864E-06		27	4.86E-05		77	0.000139		194	0.00035
23.39972	352	0.1113451	1.15E-01	2.76E+01		53	0.0910503		61	0.104794		10	0.017179		5	8.58965E-06		27	4.64E-05		77	0.000132		194	0.000333
23.46639	356	9.58E-02	1.04E-01	2.49E+01		53	0.0819369		61	0.094305		10	0.01546		5	7.72989E-06		27	4.17E-05		77	0.000119		194	0.0003
23.53306	360	7.53E-02	8.55E-02	2.05E+01		53	0.0676871		61	0.077904		10	0.012771		5	6.38557E-06		27	3.45E-05		77	9.83E-05		194	0.000248
23.59972	364	5.54E-02	6.53E-02	1.57E+01		53	0.0516994		61	0.059503		10	0.009755		5	4.8773E-06		27	2.63E-05		77	7.51E-05		194	0.000189
23.66639	368	3.80E-02	4.67E-02	1.12E+01		53	0.0369327		61	0.042507		10	0.006968		5	3.48422E-06		27	1.88E-05		77	5.37E-05		194	0.000135
23.73306	372	2.39E-02	3.10E-02	7.43E+00		53	0.0245045		61	0.028203		10	0.004623		5	2.31174E-06		27	1.25E-05		77	3.56E-05		194	8.97E-05
23.79972	376	1.33E-02	1.86E-02	4.47E+00		53	0.0147302		61	0.016954		10	0.002779		5	1.38964E-06		27	7.5E-06		77	2.14E-05		194	5.39E-05
23.86639	380	5.79E-03	9.54E-03	2.29E+00		53	0.007548		61	0.008687		10	0.001424		5	7.12073E-07		27	3.85E-06		77	1.1E-05		194	2.76E-05
23.93306	384	1.04E-03	3.41E-03	8.19E-01		53	0.0027		61	0.003108		10	0.000509		5	2.54722E-07		27	1.38E-06		77	3.92E-06		194	9.88E-06
	388		5.20E-04	1.25E-01		53	0.0004112		61	0.000473		10	7.76E-05		5	3.87887E-08		27	2.09E-07		77	5.97E-07		194	1.51E-06
	392		0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0

Conduit CSO 1033

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
3.81E+03	5.73	8.68	37.66	1.92	0.00	0.01	0.02	0.07

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
18.39972	0	5.16E-04			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
18.46639	4	3.34E-03	1.93E-03	4.63E-01		80	0.0023032		761.5	0.021923		36.5	0.001051		7.5	2.15923E-07		172.5	4.96624E-06		283.5	8.16191E-06		639	1.8397E-05
18.53306	8	9.93E-03	6.64E-03	1.59E+00		80	0.0079243		761.5	0.07543		36.5	0.003615		7.5	7.42905E-07		172.5	1.70868E-05		283.5	2.80818E-05		639	6.3286E-05
18.59972	12	2.70E-02	1.84E-02	4.43E+00		80	0.0220277		761.5	0.209676		36.5	0.01005		7.5	2.0651E-06		172.5	4.74972E-05		283.5	7.80606E-05		639	0.00017595
18.66639	16	6.04E-02	4.37E-02	1.05E+01	69	58	0.052157	451	358.5	0.49647	24	17.5	0.023797	4	5.5	4.88972E-06	130	107	0.000112464	198	147.5	0.000184831	446	410.5	0.0004166
18.73306	20	0.1129642	8.67E-02	2.08E+01		58	0.0750488		358.5	0.463879		17.5	0.022644		5.5	7.1167E-06		107	0.000138452		147.5	0.000190857		410.5	0.00053116
18.79972	24	0.1747786	1.44E-01	3.45E+01		58	0.1245747		358.5	0.77		17.5	0.037587		5.5	1.18131E-05		107	0.000229819		147.5	0.000316806		410.5	0.00088169
18.86639	28	0.2496519	2.12E-01	5.09E+01	47	42	0.1837519	266	238.5	1.135777	11	9.5	0.055442	7	5.5	1.74248E-05	84	69.5	0.000338991	97	90.5	0.0004673	375	307	0.00130052
18.93306	32	0.3286427	2.89E-01	6.94E+01		42	0.1812991		238.5	1.02952		9.5	0.041008		5.5	2.37416E-05		69.5	0.000300007		90.5	0.000390656		307	0.00132521
18.99972	36	0.406399	3.68E-01	8.82E+01		42	0.2304404		238.5	1.308572		9.5	0.052123		5.5	3.01767E-05		69.5	0.000381324		90.5	0.000496544		307	0.00168441
19.06639	40	0.4833556	4.45E-01	1.07E+02		42	0.2789439		238.5	1.584003		9.5	0.063094		5.5	3.65284E-05		69.5	0.000461586		90.5	0.000601058		307	0.00203895
19.13305	44	0.545952	5.15E-01	1.24E+02	37	32	0.3226947	211	192.5	1.832445	8	7	0.07299	4	3.5	4.22576E-05	55	57	0.000533983	84	101.5	0.00069533	239	258.5	0.00235874
19.19972	48	0.5903454	5.68E-01	1.36E+02		32	0.2714184		192.5	1.632751		7	0.059373		3.5	2.96864E-05		57	0.000483464		101.5	0.000860905		258.5	0.00219255
19.26639	52	0.6184921	6.04E-01	1.45E+02		32	0.2887455		192.5	1.736985		7	0.063163		3.5	3.15815E-05		57	0.000514328		101.5	0.000915865		258.5	0.00233252
19.33306	56	0.6333534	6.26E-01	1.50E+02		32	0.2990185		192.5	1.798783		7	0.06541		3.5	3.27051E-05		57	0.000532627		101.5	0.000948449		258.5	0.00241551
19.39972	60	0.6345543	6.34E-01	1.52E+02	27	32	0.3028551	174	166.5	1.821863	6	7	0.06625	3	2	3.31248E-05	59	70.5	0.000539461	119	102	0.000960619	278	310	0.0024465
19.46639	64	0.6218953	6.28E-01	1.51E+02		32	0.3001182		166.5	1.561553		7	0.065651		2	1.87574E-05		70.5	0.000661198		102	0.000956827		310	0.0029074
19.53306	68	0.5985349	6.10E-01	1.46E+02		32	0.2915146		166.5	1.516787		7	0.063769		2	1.82197E-05		70.5	0.000642243		102	0.000929203		310	0.00282405
19.59972	72	0.5677599	5.83E-01	1.40E+02		32	0.2785837		166.5	1.449506		7	0.06094		2	1.74115E-05		70.5	0.000613755		102	0.000887985		310	0.00269878
19.66639	76	0.5322955	5.50E-01	1.32E+02	37	37.5	0.2627616	159	138	1.367181	8	7	0.057479	1	3.5	1.64226E-05	82	65.5	0.000578897	85	81.5	0.000837553	342	325.5	0.0025455
19.73306	80	0.4940995	5.13E-01	1.23E+02		37.5	0.287305		138	1.057282		7	0.05363		3.5	2.68151E-05		65.5	0.000501826		81.5	0.000624409		325.5	0.00249381
19.79972	84	0.4546264	4.74E-01	1.14E+02		37.5	0.2655641		138	0.977276		7	0.049572		3.5	2.4786E-05		65.5	0.000463852		81.5	0.000577159		325.5	0.0023051
19.86639	88	0.4123073	4.33E-01	1.04E+02		37.5	0.2426691		138	0.893022		7	0.045298		3.5	2.26491E-05		65.5	0.000423862		81.5	0.000527401		325.5	0.00210637
19.93306	92	0.3624192	3.87E-01	9.30E+01	38	29	0.2168588	117	110.5	0.79804	6	5.5	0.04048	6	8	2.02402E-05	49	36	0.00037878	78	66	0.000471306	309	264	0.00188233
19.99972	96	0.3126341	3.38E-01	8.10E+01		29	0.146128		110.5	0.556798		5.5	0.027714		8	4.03112E-05		36	0.0001814		66	0.000332567		264	0.00133027
20.06639	100	0.2691414	2.91E-01	6.98E+01		29	0.1259362		110.5	0.479861		5.5	0.023884		8	3.4741E-05		36	0.000156335		66	0.000286614		264	0.00114645
20.13305	104	0.23342	2.51E-01	6.03E+01	20	28	0.1087889	104	111	0.414523	5	6	0.020632	10	7.5	3.00107E-05	23	37	0.000135048	54	50	0.000247588	219	258	0.00099035
20.19972	108	0.2062624	2.20E-01	5.28E+01		28	0.0918955		111	0.3643		6	0.019692		7.5	2.46149E-05		37	0.000121433		50	0.000164099		258	0.00084675
20.26639	112	0.1874147	1.97E-01	4.72E+01		28	0.0822802		111	0.326182		6	0.017631		7.5	2.20393E-05		37	0.000108727		50	0.000146929		258	0.00075815
20.33306	116	0.175353	1.81E-01	4.35E+01		28	0.07582		111	0.300572		6	0.016247		7.5	2.03089E-05		37	0.000100191		50	0.000135393		258	0.00069863
20.39972	120	0.1683547	1.72E-01	4.12E+01	36	35	0.0718364	118	142.5	0.28478	7	8	0.015394	5	5	1.92419E-05	51	53	9.49267E-05	46	51.5	0.000128279	297	258	0.00066192
20.46639	124	0.1657482	1.67E-01	4.01E+01		35	0.0872862		142.5	0.35538		8	0.019951		5	1.24695E-05		53	0.000132176		51.5	0.000128435		258	0.00064342
20.53306	128	0.1672405	1.66E-01	4.00E+01		35	0.0869951		142.5	0.354194		8	0.019885		5	1.24279E-05		53	0.000131735		51.5	0.000128007		258	0.00064128
20.59972	132	0.1724861	1.70E-01	4.08E+01		35	0.0887554		142.5	0.361361		8	0.020287		5	1.26793E-05		53	0.000134401		51.5	0.000130597		258	0.00065425
20.66639	136	0.1809094	1.77E-01	4.24E+01	34	29.5	0.0923265	167	126.5	0.375901	9	8	0.021103	5	4	1.31895E-05	55	56.5	0.000139809	57	60.5	0.000135852	219	235.5	0.00068058
20.73306	140	0.1916383	1.86E-01	4.47E+01		29.5	0.0820354		126.5	0.351779		8	0.022247		4	1.11234E-05		56.5	0.000157119		60.5	0.000168242		235.5	0.00065489
20.79972	144	0.2045785	1.98E-01	4.75E+01		29.5	0.0872473		126.5	0.374128		8	0.02366		4	1.18301E-05		56.5	0.000167101		60.5	0.000178931		235.5	0.0006965
20.86639	148	0.217752	2.11E-01	5.07E+01		29.5	0.0929976		126.5	0.398786		8	0.02522		4	1.26098E-05		56.5	0.000178114		60.5	0.000190724		235.5	0.0007424
20.93306	152	0.2280924	2.23E-01	5.35E+01	25	27.5	0.0981754	86	107.5	0.420989	7	8	0.026624	3	3	1.33119E-05	58	59.5	0.000188031	64	64.5	0.000201343	252	277	0.00078374
20.99972	156	0.2340597	2.31E-01	5.55E+01		27.5	0.094867		107.5	0.370844		8	0.027598		3	1.03491E-05		59.5	0.000205258		64.5	0.000222506		277	0.00095557
21.06639	160	0.2353439	2.35E-01	5.63E+01		27.5	0.0963555		107.5	0.376662		8	0.028031		3	1.05115E-05		59.5	0.000208478		64.5	0.000225997		277	0.00097056
21.13305	164	0.2322598	2.34E-01	5.61E+01		27.5	0.095986		107.5	0.375218		8	0.027923		3	1.04712E-05		59.5	0.000207679		64.5	0.000225131		277	0.00096684
21.19972	168	0.2250453	2.29E-01	5.49E+01	30	40.5	0.093872	129	118	0.366954	9	9.5	0.027308	3	4	1.02406E-05	61	54	0.000203105	65	64	0.000220173	302	269	0.00094555
21.26639	172	0.2142027	2.20E-01	5.27E+01		40.5	0.132789		118	0.386891		9.5	0.031148		4	1.3115E-05		54	0.000177052		64	0.000209839		269	0.00088198
21.33306	176	0.2003955	2.07E-01	4.98E+01		40.5	0.1253371		118	0.36518		9.5	0.0294		4	1.2379E-05		54	0.000167116		64	0.000198064		269	0.00083249
21.39972	180	0.1854651	1.93E-01	4.63E+01	51	47	0.1166495	107	114	0.339868	10	9	0.027362	5	7	1.15209E-05	47	48	0.000155533	63	102.5	0.000184335	236	271	0.00077478
21.46639	184	0.1704098	1.78E-01	4.27E+01		47	0.1248511		114	0.30283		9	0.023908		7	1.85949E-05		48	0.000127508		102.5	0.000272282		271	0.00071989
21.53306	188	0.1558062	1.63E-01	3.91E+01		47	0.114446		114	0.277592		9	0.021915		7	1.70451E-05		48	0.000116881		102.5	0.00024959		271	0.00065989
21.59972	192	0.1422429	1.49E-01	3.58E+01		47	0.1045642		114	0.253624		9	0.020023		7	1.55734E-05		48	0.000106789		102.5	0.000228039		271	0.00060291
21.66639	196	0.130299	1.36E-01	3.27E+01		47	0.0956155		114	0.231919		9	0.018309	9	7	1.42406E-05	49	42	9.76499E-05	142	140.5	0.000208523	306	294	0.00055132
21.73306	200	0.1200312	1.25E-01	3.00E+01		47	0.087823		114	0.213018		9	0.016817		7	1.308E-05		42	7.84802E-05		140.5	0.000262535		294	0.00054936
21.79972	204	0.1113175	1.16E-01	2.78E+01		47	0.0811638		114	0.196865		9	0.015542		7	1.20882E-05		42	7.25293E-05		140.5	0.000242628		294	0.00050771
21.86639	208	0.1039962	1.08E-01	2.58E+01		47	0.0755382		114	0.18322		9	0.014465		7	1.12504E-05		42	6.75023E-05		140.5	0.000225811		294	0.00047252
21.93306	212	9.79E-02	1.01E-01	2.42E+01		47	0.0708399		114	0.171824		9	0.013565		7	1.05506E-05		42	6.33037E-05		140.5	0.000211766		294	0.00044313
21.99972	216	9.23E-02	9.51E-02	2.28E+01		47	0.0667353		114	0.161869		9	0.012779		7	9.9393E-06		42	5.96358E-05		140.5	0.000199496		294	0.00041745

Conduit CSO 1033

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
3.81E+03	5.73	8.68	37.66	1.92	0.00	0.01	0.02	0.07

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
22.06639	220	8.74E-02	8.98E-02	2.16E+01		47	0.0630408		114	0.152907		9	0.012072		7	9.38905E-06		42	5.63343E-05		140.5	0.000188452		294	0.00039434
22.13305	224	8.33E-02	8.54E-02	2.05E+01		47	0.059891		114	0.145268		9	0.011468	5	4	8.91994E-06	35	37.5	5.35196E-05	139	120.5	0.000179036	282	252.5	0.00037484
22.19972	228	7.99E-02	8.16E-02	1.96E+01		47	0.0572601		114	0.138886		9	0.010965		4	4.8732E-06		37.5	4.56863E-05		120.5	0.000146805		252.5	0.00030762
22.26639	232	7.70E-02	7.84E-02	1.88E+01		47	0.0550407		114	0.133503		9	0.01054		4	4.68431E-06		37.5	4.39154E-05		120.5	0.000141115		252.5	0.0002957
22.33306	236	7.48E-02	7.59E-02	1.82E+01		47	0.0532421		114	0.12914		9	0.010195		4	4.53124E-06		37.5	4.24804E-05		120.5	0.000136504		252.5	0.00028603
22.39972	240	7.26E-02	7.37E-02	1.77E+01	43	48	0.0516987	121	91	0.125397	8	9	0.0099	3	4	4.39989E-06	40	37.5	4.1249E-05	102	120.5	0.000132547	223	252.5	0.00027774
22.46639	244	7.01E-02	7.13E-02	1.71E+01		48	0.0511198		91	0.096915		9	0.009585		4	4.25998E-06		37.5	3.99373E-05		120.5	0.000128332		252.5	0.00026891
22.53306	248	6.71E-02	6.86E-02	1.65E+01		48	0.0491601		91	0.093199		9	0.009218		4	4.09667E-06		37.5	3.84063E-05		120.5	0.000123412		252.5	0.0002586
22.59972	252	6.38E-02	6.55E-02	1.57E+01		48	0.046901		91	0.088917		9	0.008794		4	3.90842E-06		37.5	3.66414E-05		120.5	0.000117741		252.5	0.00024672
22.66639	256	6.01E-02	6.19E-02	1.49E+01		48	0.0443699		91	0.084118		9	0.008319	5	5	3.69749E-06	35	35	3.4664E-05	139	139	0.000111387	282	282	0.0002334
22.73306	260	5.60E-02	5.80E-02	1.39E+01		48	0.0415875		91	0.078843		9	0.007798		5	4.33203E-06		35	3.03242E-05		139	0.000120431		282	0.00024433
22.79972	264	5.17E-02	5.38E-02	1.29E+01		48	0.0385811		91	0.073143		9	0.007234		5	4.01886E-06		35	2.81321E-05		139	0.000111724		282	0.00022666
22.86639	268	4.71E-02	4.94E-02	1.19E+01		48	0.0353869		91	0.067088		9	0.006635		5	3.68614E-06		35	2.5803E-05		139	0.000102475		282	0.0002079
22.93306	272	4.25E-02	4.48E-02	1.08E+01		48	0.0320988		91	0.060854		9	0.006019	5	5	3.34363E-06	35	35	2.34054E-05	139	139	9.29528E-05	282	282	0.00018858
22.99972	276	3.80E-02	4.03E-02	9.66E+00		48	0.0288542		91	0.054703		9	0.00541		5	3.00564E-06		35	2.10395E-05		139	8.35568E-05		282	0.00016952
23.06639	280	3.39E-02	3.60E-02	8.63E+00		48	0.0257623		91	0.048841		9	0.00483		5	2.68358E-06		35	1.8785E-05		139	7.46034E-05		282	0.00015135
23.13305	284	3.00E-02	3.19E-02	7.67E+00		48	0.0228942		91	0.043404		9	0.004293	5	4	2.38481E-06	35	33.5	1.66937E-05	139	96	6.62978E-05	282	215	0.0001345
23.19972	288	2.66E-02	2.83E-02	6.80E+00		48	0.0202944		91	0.038475		9	0.003805		4	1.6912E-06		33.5	1.41638E-05		96	4.05888E-05		215	9.0902E-05
23.26639	292	2.36E-02	2.51E-02	6.03E+00		48	0.0179964		91	0.034118		9	0.003374		4	1.4997E-06		33.5	1.256E-05		96	3.59928E-05		215	8.0609E-05
23.33306	296	2.11E-02	2.23E-02	5.36E+00		48	0.0160064		91	0.030346		9	0.003001		4	1.33387E-06		33.5	1.11712E-05		96	3.20129E-05		215	7.1695E-05
23.39972	300	1.86E-02	1.98E-02	4.76E+00	53	53	0.0142083	61	61	0.026937	10	10	0.002664	3	4	1.18403E-06	32	29.5	9.91621E-06	53	65	2.84166E-05	148	171	6.3641E-05
23.46639	304	1.60E-02	1.73E-02	4.16E+00		53	0.0137074		61	0.015776		10	0.002586		4	1.03452E-06		29.5	7.62957E-06		65	1.68109E-05		171	4.4226E-05
23.53306	308	1.37E-02	1.49E-02	3.56E+00		53	0.011751		61	0.013525		10	0.002217		4	8.86865E-07		29.5	6.54063E-06		65	1.44116E-05		171	3.7913E-05
23.59972	312	1.18E-02	1.27E-02	3.05E+00		53	0.0100539		61	0.011571		10	0.001897		4	7.58782E-07		29.5	5.59601E-06		65	1.23302E-05		171	3.2438E-05
23.66639	316	9.84E-03	1.08E-02	2.59E+00		53	0.0085413		61	0.009831		10	0.001612	5	5	6.44624E-07	27	27	4.7541E-06	77	77	1.04751E-05	194	194	2.7558E-05
23.73306	320	7.95E-03	8.89E-03	2.13E+00		53	0.0070359		61	0.008098		10	0.001328		5	6.63761E-07		27	3.58431E-06		77	1.02219E-05		194	2.5754E-05
23.79972	324	6.16E-03	7.05E-03	1.69E+00		53	0.0055805		61	0.006423		10	0.001053		5	5.26464E-07		27	2.84291E-06		77	8.10755E-06		194	2.0427E-05
23.86639	328	4.51E-03	5.33E-03	1.28E+00		53	0.0042186		61	0.004855		10	0.000796		5	3.97984E-07		27	2.14911E-06		77	6.12895E-06		194	1.5442E-05
23.93306	332	3.05E-03	3.78E-03	9.06E-01		53	0.0029882		61	0.003439		10	0.000564		5	2.81907E-07		27	1.5223E-06		77	4.34137E-06		194	1.0938E-05
23.99972	336	1.80E-03	2.42E-03	5.82E-01		53	0.001918		61	0.002207		10	0.000362		5	1.80939E-07		27	9.77071E-07		77	2.78646E-06		194	7.0204E-06
24.06639	340	8.19E-04	1.31E-03	3.14E-01		53	0.0010367		61	0.001193		10	0.000196		5	9.78037E-08		27	5.2814E-07		77	1.50618E-06		194	3.7948E-06
24.13305	344	1.53E-04	4.86E-04	1.17E-01		53	0.0003846		61	0.000443		10	7.26E-05	5	5	3.62877E-08	27	27	1.95954E-07	77	77	5.58831E-07	194	194	1.408E-06
	348		7.65E-05	1.84E-02		53	6.052E-05		61	6.97E-05		10	1.14E-05		5	5.7098E-09		27	3.08329E-08		77	8.79309E-08		194	2.2154E-07

LACASTER SEWER SYSTEM
SWMM COMPUTER MODEL

STORM SIMULATION 3

Conduit CSO 1004

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
7.09E+04	4.33	158.31	670.12	35.74	0.02	0.25	0.37	1.26

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
20.86639	0	4.01E-02			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
20.93306	4	0.1860736	1.13E-01	2.71E+01		80	0.13508301		761.5	1.285821		36.5	0.061632		7.5	1.2664E-05		172.5	0.000291		283.5	0.000479		639	0.001079
20.99972	8	0.4993583	3.43E-01	8.23E+01		80	0.40930931		761.5	3.896113		36.5	0.186747		7.5	3.83727E-05		172.5	0.000883		283.5	0.00145		639	0.003269
21.06639	12	1.013039	7.56E-01	1.81E+02		80	0.90313611		761.5	8.596727		36.5	0.412056		7.5	8.4669E-05		172.5	0.001947		283.5	0.0032		639	0.007214
21.13305	16	1.553357	1.28E+00	3.08E+02	69	58	1.53253705	451	358.5	14.58784	24	17.5	0.69922	4	5.5	0.000143675	130	107	0.003305	198	147.5	0.005431	446	410.5	0.012241
21.19972	20	2.126941	1.84E+00	4.42E+02		58	1.59333943		358.5	9.848486		17.5	0.480749		5.5	0.000151093		107	0.002939		147.5	0.004052		410.5	0.011277
21.26639	24	2.85668	2.49E+00	5.98E+02		58	2.15759698		358.5	13.33618		17.5	0.650999		5.5	0.0002046		107	0.00398		147.5	0.005487		410.5	0.015271
21.33306	28	3.560929	3.21E+00	7.70E+02	47	42	2.77842432	266	238.5	17.17354	11	9.5	0.838318	7	5.5	0.000263471	84	69.5	0.005126	97	90.5	0.007066	375	307	0.019865
21.39972	32	4.246243	3.90E+00	9.37E+02		42	2.44759954		238.5	13.89887		9.5	0.553624		5.5	0.000320519		69.5	0.00405		90.5	0.005274		307	0.017891
21.46639	36	4.904503	4.58E+00	1.10E+03		42	2.86881878		238.5	16.29079		9.5	0.648899		5.5	0.000375679		69.5	0.004747		90.5	0.006182		307	0.02097
21.53306	40	5.479379	5.19E+00	1.25E+03		42	3.25541499		238.5	18.48611		9.5	0.736344		5.5	0.000426304		69.5	0.005387		90.5	0.007015		307	0.023796
21.59972	44	5.953461	5.72E+00	1.37E+03	37	32	3.58427019	211	192.5	20.35353	8	7	0.810728	4	3.5	0.000469369	55	57	0.005931	84	101.5	0.007723	239	258.5	0.026199
21.66639	48	6.358933	6.16E+00	1.48E+03		32	2.94096467		192.5	17.69174		7	0.643336		3.5	0.000321668		57	0.005239		101.5	0.009328		258.5	0.023757
21.73306	52	6.726094	6.54E+00	1.57E+03		32	3.12551744		192.5	18.80194		7	0.683707		3.5	0.000341853		57	0.005587		101.5	0.009914		258.5	0.025248
21.79972	56	7.04197	6.88E+00	1.65E+03		32	3.28866911		192.5	19.7834		7	0.719396		3.5	0.000359698		57	0.005858		101.5	0.010431		258.5	0.026566
21.86639	60	7.35189	7.20E+00	1.73E+03	27	32	3.43814808	174	166.5	20.68261	6	7	0.752095	3	2	0.000376047	59	70.5	0.006124	119	102	0.010905	276	310	0.027774
21.93306	64	7.643318	7.50E+00	1.80E+03		32	3.58178734		166.5	18.63649		7	0.783516		2	0.000223862		70.5	0.007891		102	0.011417		310	0.034699
21.99972	68	7.912251	7.78E+00	1.87E+03		32	3.71563636		166.5	19.33292		7	0.812795		2	0.000232227		70.5	0.008186		102	0.011844		310	0.035995
22.06639	72	8.17397	8.04E+00	1.93E+03		32	3.84238903		166.5	19.99243		7	0.840523		2	0.000240149		70.5	0.008465		102	0.012248		310	0.037223
22.13305	76	8.327316	8.25E+00	1.98E+03	37	37.5	3.94153234	159	138	20.50829	8	7	0.86221	1	3.5	0.000246346	82	65.5	0.008684	85	81.5	0.012564	342	325.5	0.038184
22.19972	80	8.371161	8.35E+00	2.00E+03		37.5	4.67418024		138	17.20098		7	0.872514		3.5	0.000436257		65.5	0.008164		81.5	0.010159		325.5	0.040572
22.26639	84	8.31282	8.34E+00	2.00E+03		37.5	4.67006659		138	17.18585		7	0.871746		3.5	0.000435873		65.5	0.008157		81.5	0.01015		325.5	0.040536
22.33306	88	8.209578	8.26E+00	1.98E+03		37.5	4.62483683		138	17.0194		7	0.863303		3.5	0.000431651		65.5	0.008078		81.5	0.010051		325.5	0.040144
22.39972	92	7.96611	8.09E+00	1.94E+03	38	29	4.52784294	117	110.5	16.66246	6	5.5	0.845197	6	8	0.000422599	49	36	0.007909	78	66	0.009841	309	264	0.039302
22.46639	96	7.434059	7.70E+00	1.85E+03		29	3.3336562		110.5	12.70238		5.5	0.632245		8	0.000919629		36	0.004138		66	0.007587		264	0.030348
22.53306	100	7.055782	7.24E+00	1.74E+03		29	3.13659859		110.5	11.95152		5.5	0.594872		8	0.000865269		36	0.003894		66	0.007138		264	0.028554
22.59972	104	6.842772	6.95E+00	1.67E+03	20	28	3.0086034	104	111	11.46382	5	6	0.570597	10	7.5	0.00082996	23	37	0.003735	54	50	0.006847	219	258	0.027389
22.66639	108	6.766648	6.80E+00	1.63E+03		28	2.84442818		111	11.27613		6	0.60952		7.5	0.0007619		37	0.003759		50	0.005079		258	0.026209
22.73306	112	6.757134	6.76E+00	1.62E+03		28	2.82652947		111	11.20517		6	0.605685		7.5	0.000757106		37	0.003735		50	0.005047		258	0.026044
22.79972	116	6.768261	6.76E+00	1.62E+03		28	2.82686659		111	11.20651		6	0.605757		7.5	0.000757196		37	0.003736		50	0.005048		258	0.026048
22.86639	120	6.793102	6.78E+00	1.63E+03	36	35	2.83438406	118	142.5	11.23631	7	8	0.607368	5	5	0.00075921	51	53	0.003745	46	51.5	0.005061	297	258	0.026117
22.93306	124	6.793379	6.79E+00	1.63E+03		35	3.54954229		142.5	14.45171		8	0.811324		5	0.000507077		53	0.005375		51.5	0.005223		258	0.026165
22.99972	128	6.726744	6.76E+00	1.62E+03		35	3.5322059		142.5	14.38112		8	0.807361		5	0.000504601		53	0.005349		51.5	0.005197		258	0.026037
23.06639	132	6.642332	6.66E+00	1.60E+03		35	3.49274405		142.5	14.22046		8	0.798341		5	0.000498963		53	0.005289		51.5	0.005139		258	0.025747
23.13305	136	6.494738	6.57E+00	1.58E+03	34	29.5	3.43213121	167	126.5	13.97368	9	8	0.784487	5	4	0.000490304	55	56.5	0.005197	57	60.5	0.00505	219	235.5	0.0253
23.19972	140	6.318485	6.41E+00	1.54E+03		29.5	2.82148487		126.5	12.09891		8	0.765148		4	0.000382574		56.5	0.005404		60.5	0.005786		235.5	0.022524
23.26639	144	6.111147	6.21E+00	1.49E+03		29.5	2.73701773		126.5	11.7367		8	0.742242		4	0.000371121		56.5	0.005242		60.5	0.005613		235.5	0.02185
23.33306	148	5.894776	6.00E+00	1.44E+03		29.5	2.64371658		126.5	11.33662		8	0.71694		4	0.00035847		56.5	0.005063		60.5	0.005422		235.5	0.021105
23.39972	152	5.668777	5.78E+00	1.39E+03	25	27.5	2.54630625	86	107.5	10.91891	7	8	0.690524	3	3	0.000345262	58	59.5	0.004877	64	64.5	0.005222	252	277	0.020327
23.46639	156	5.453325	5.56E+00	1.33E+03		27.5	2.28305772		107.5	8.92468		8	0.664162		3	0.000249061		59.5	0.00494		64.5	0.005355		277	0.022997
23.53306	160	5.243418	5.35E+00	1.28E+03		27.5	2.19574337		107.5	8.58336		8	0.638762		3	0.000239536		59.5	0.004751		64.5	0.00515		277	0.022117
23.59972	164	5.043341	5.14E+00	1.23E+03		27.5	2.11158507		107.5	8.254378		8	0.614279		3	0.000230355		59.5	0.004569		64.5	0.004953		277	0.021289
23.66639	168	4.835964	4.94E+00	1.19E+03	30	40.5	2.02794612	129	118	7.927426	9	9.5	0.589948	3	4	0.00022123	61	54	0.004388	65	64	0.004756	302	269	0.020427
23.73306	172	4.641655	4.74E+00	1.14E+03		40.5	2.86517791		118	8.347926		9.5	0.672079		4	0.000282981		54	0.00382		64	0.004526		269	0.01903
23.79972	176	4.443391	4.54E+00	1.09E+03		40.5	2.74649921		118	8.002146		9.5	0.644241		4	0.000271259		54	0.003662		64	0.00434		269	0.018242
23.86639	180	4.227216	4.34E+00	1.04E+03	51	47	2.6212102	107	114	7.637106	10	9	0.614852	5	7	0.000258885	47	48	0.003495	63	102.5	0.004142	236	271	0.01741
23.93306	184	4.05149	4.14E+00	9.93E+02		47	2.90440812		114	7.044735		9	0.556163		7	0.000432571		48	0.002966		102.5	0.006334		271	0.016747
23.99972	188	3.886047	3.97E+00	9.53E+02		47	2.78471623		114	6.754418		9	0.533244		7	0.000414745		48	0.002844		102.5	0.006073		271	0.016057
24.06639	192	3.685022	3.79E+00	9.09E+02		47	2.65614871		114	6.442573		9	0.508624		7	0.000395597		48	0.002713		102.5	0.005793		271	0.015315
24.13305	196	3.409788	3.55E+00	8.51E+02		47	2.48906336		114	6.037303		9	0.476629	9	7	0.000370712	49	42	0.002542	142	140.5	0.005426	306	294	0.014352
24.19972	200	3.163255	3.29E+00	7.89E+02		47	2.30601249		114	5.593307		9	0.441577		7	0.000343449		42	0.002061		140.5	0.006894		294	0.014425
24.26639	204	2.963367	3.06E+00	7.35E+02		47	2.14939517		114	5.213427		9	0.411586		7	0.000320123		42	0.001921		140.5	0.006425		294	0.013445
24.33306	208	2.726874	2.85E+00	6.83E+02		47	1.99700182		114	4.843792		9	0.382405		7	0.000297426		42	0.001785		140.5	0.00597		294	0.012492
24.39972	212	2.491122	2.61E+00	6.26E+02		47	1.8313247		114	4.441937		9	0.350679		7	0.00027275		42	0.001637		140.5	0.005474		294	0.011456

Conduit CSO 1004

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
7.09E+04	4.33	156.31	670.12	35.74	0.02	0.25	0.37	1.26

Conduit CSO

Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
24.46639	216	2.240401	2.37E+00	5.68E+02		47	1.65995432		114	4.026272		9	0.317864		7	0.000247227		42	0.001483		140.5	0.004962		294	0.010384
24.53306	220	1.978375	2.11E+00	5.06E+02		47	1.48006793		114	3.589952		9	0.283417		7	0.000220436		42	0.001323		140.5	0.004424		294	0.009258
24.59972	224	1.690115	1.83E+00	4.40E+02		47	1.28701178		114	3.121688		9	0.246449	5	4	0.000191683	35	37.5	0.00115	139	120.5	0.003847	282	252.5	0.008051
24.66639	228	1.415925	1.55E+00	3.73E+02		47	1.08966815		114	2.643073		9	0.208664		4	9.27394E-05		37.5	0.000869		120.5	0.002794		252.5	0.005854
24.73306	232	1.169992	1.29E+00	3.10E+02		47	0.90721404		114	2.200477		9	0.173722		4	7.72097E-05		37.5	0.000724		120.5	0.002326		252.5	0.004874
24.79972	236	0.9196033	1.04E+00	2.51E+02		47	0.73309012		114	1.778133		9	0.140379		4	6.23906E-05		37.5	0.000585		120.5	0.00188		252.5	0.003938
24.86639	240	0.6760035	7.98E-01	1.91E+02	43	48	0.55978475	121	91	1.357776	8	9	0.107193	3	4	4.76413E-05	40	37.5	0.000447	102	120.5	0.001435	223	252.5	0.003007
24.93306	244	0.4914504	5.84E-01	1.40E+02		48	0.41829079		91	0.79301		9	0.07843		4	3.48576E-05		37.5	0.000327		120.5	0.00105		252.5	0.0022
24.99972	248	0.3239114	4.08E-01	9.78E+01		48	0.29213859		91	0.553846		9	0.054776		4	2.43449E-05		37.5	0.000228		120.5	0.000733		252.5	0.001537
25.06639	252	0.1739722	2.49E-01	5.97E+01		48	0.17838831		91	0.338194		9	0.033448		4	1.48657E-05		37.5	0.000139		120.5	0.000448		252.5	0.000938
25.13305	256	7.64E-02	1.25E-01	3.00E+01		48	0.08969925		91	0.170055		9	0.016819	5	5	7.47494E-06	35	35	7.01E-05	139	139	0.000225	282	282	0.000472
25.19972	260	2.27E-02	4.95E-02	1.19E+01		48	0.03548669		91	0.067277		9	0.006654		5	3.69653E-06		35	2.59E-05		139	0.000103		282	0.000206
	264		1.13E-02	2.72E+00		48	0.00812049		91	0.015395		9	0.001523		5	8.45884E-07		35	5.92E-06		139	2.35E-05		282	4.77E-05
	268		0.00E+00	0.00E+00		48	0		91	0		9	0		5	0		35	0		139	0		282	0
	272		0.00E+00	0.00E+00		48	0		91	0		9	0	5	5	0	35	35	0	139	139	0	282	282	0
	276		0.00E+00	0.00E+00		48	0		91	0		9	0		5	0		35	0		139	0		282	0
	280		0.00E+00	0.00E+00		48	0		91	0		9	0		5	0		35	0		139	0		282	0
	284		0.00E+00	0.00E+00		48	0		91	0		9	0	5	4	0	35	33.5	0	139	96	0	282	215	0
	288		0.00E+00	0.00E+00		48	0		91	0		9	0		4	0		33.5	0		96	0		215	0
	292		0.00E+00	0.00E+00		48	0		91	0		9	0		4	0		33.5	0		96	0		215	0
	296		0.00E+00	0.00E+00		48	0		91	0		9	0		4	0		33.5	0		96	0		215	0
	300		0.00E+00	0.00E+00	53	26.5	0	61	30.5	0	10	5	0	3	1.5	0	32	16	0	53	26.5	0	148	74	0

Conduit CSO 1005

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
1.79E+05	21.53	534.95	921.90	104.25	0.06	0.39	0.96	2.49

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
18.46639	0	1.70E-03			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
18.53306	4	8.67E-03	5.18E-03	1.24E+00		80	0.0061899		761.5	0.05892		36.5	0.002824		7.5	5.80299E-07		172.5	1.33469E-05		283.5	2.1935E-05		639	4.94E-05
18.59972	8	2.73E-02	1.80E-02	4.32E+00		80	0.0214808		761.5	0.20447		36.5	0.009801		7.5	2.01383E-06		172.5	4.6318E-05		283.5	7.6123E-05		639	0.000172
18.66639	12	4.96E-02	3.85E-02	9.23E+00		80	0.0459427		761.5	0.437317		36.5	0.020961		7.5	4.30712E-06		172.5	9.90638E-05		283.5	0.00016281		639	0.000367
18.73306	16	8.09E-02	6.52E-02	1.57E+01	69	58	0.0779182	451	358.5	0.741684	24	17.5	0.03555	4	5.5	7.30483E-06	130	107	0.000168011	198	147.5	0.00027612	446	410.5	0.000822
18.79972	20	0.1190433	9.99E-02	2.40E+01		58	0.0865413		358.5	0.534915		17.5	0.026112		5.5	8.20651E-06		107	0.000159654		147.5	0.00022008		410.5	0.000613
18.86639	24	0.1612441	1.40E-01	3.36E+01		58	0.121347		358.5	0.75005		17.5	0.036613		5.5	1.1507E-05		107	0.000223864		147.5	0.0003086		410.5	0.000859
18.93306	28	0.2136069	1.87E-01	4.50E+01	47	42	0.1622871	266	238.5	1.003102	11	9.5	0.048966	7	5.5	1.53893E-05	84	69.5	0.000299392	97	90.5	0.00041271	375	307	0.001149
18.99972	32	0.2733719	2.43E-01	5.84E+01		42	0.152671		238.5	0.866953		9.5	0.034533		5.5	1.99926E-05		69.5	0.000252634		90.5	0.00032897		307	0.001116
19.06639	36	0.3415278	3.07E-01	7.36E+01		42	0.1927751		238.5	1.094687		9.5	0.043604		5.5	2.52444E-05		69.5	0.000318997		90.5	0.00041538		307	0.001409
19.13305	40	0.4183416	3.80E-01	9.12E+01		42	0.238224		238.5	1.352772		9.5	0.053884		5.5	3.1196E-05		69.5	0.000394204		90.5	0.00051332		307	0.001741
19.19972	44	0.5004896	4.59E-01	1.10E+02	37	32	0.2880597	211	192.5	1.635767	8	7	0.065156	4	3.5	3.77221E-05	55	57	0.00047667	84	101.5	0.0006207	239	258.5	0.002106
19.26639	48	0.5922616	5.46E-01	1.31E+02		32	0.2610169		192.5	1.57018		7	0.057097		3.5	2.85487E-05		57	0.000464936		101.5	0.00062791		258.5	0.002109
19.33306	52	0.6892872	6.41E-01	1.54E+02		32	0.3061135		192.5	1.841464		7	0.066962		3.5	3.34812E-05		57	0.000545265		101.5	0.00097095		258.5	0.002473
19.39972	56	0.792734	7.41E-01	1.78E+02		32	0.3539987		192.5	2.129524		7	0.077437		3.5	3.87186E-05		57	0.00063058		101.5	0.00112284		258.5	0.00286
19.46639	60	0.9039663	8.48E-01	2.04E+02	27	32	0.4052774	174	166.5	2.437997	6	7	0.088654	3	2	4.43272E-05	59	70.5	0.0007219	119	102	0.00128549	278	310	0.003274
19.53306	64	1.020845	9.62E-01	2.31E+02		32	0.4597884		166.5	2.392337		7	0.100579		2	2.87368E-05		70.5	0.001012971		102	0.00146558		310	0.004454
19.59972	68	1.14643	1.08E+00	2.60E+02		32	0.5177038		166.5	2.693678		7	0.113248		2	3.23565E-05		70.5	0.001140566		102	0.00165018		310	0.005015
19.66639	72	1.2853	1.22E+00	2.92E+02		32	0.5808482		166.5	3.022226		7	0.127061		2	3.6303E-05		70.5	0.001279681		102	0.00185145		310	0.005627
19.73306	76	1.436512	1.36E+00	3.27E+02	37	37.5	0.6501378	159	138	3.382748	8	7	0.142218	1	3.5	4.06336E-05	82	65.5	0.001432335	85	81.5	0.00207231	342	325.5	0.006298
19.79972	80	1.593882	1.52E+00	3.64E+02		37.5	0.8482575		138	3.121587		7	0.158341		3.5	7.91707E-05		65.5	0.001481623		81.5	0.00184355		325.5	0.007363
19.86639	84	1.750294	1.67E+00	4.01E+02		37.5	0.9360902		138	3.444812		7	0.174737		3.5	8.73684E-05		65.5	0.001635038		81.5	0.00203444		325.5	0.008125
19.93306	88	1.934497	1.84E+00	4.42E+02		37.5	1.031434		138	3.795677		7	0.192534		3.5	9.62872E-05		65.5	0.001801571		81.5	0.00224165		325.5	0.008953
19.99972	92	2.168924	2.05E+00	4.92E+02	38	29	1.1486155	117	110.5	4.226905	6	5.5	0.214408	6	8	0.000107204	49	36	0.002006248	78	66	0.00249632	309	264	0.00997
20.06639	96	2.443963	2.31E+00	5.54E+02		29	0.9985461		110.5	3.804805		5.5	0.189379		8	0.000275481		36	0.001239575		66	0.00227255		264	0.00909
20.13305	100	2.73204	2.59E+00	6.21E+02		29	1.1204432		110.5	4.269275		5.5	0.212498		8	0.000309088		36	0.001390895		66	0.00254997		264	0.0102
20.19972	104	3.035465	2.88E+00	6.92E+02	20	28	1.2484849	104	111	4.757158	5	6	0.236782	10	7.5	0.00034441	23	37	0.001549843	54	50	0.00284138	219	258	0.011366
20.26639	108	3.34017	3.19E+00	7.65E+02		28	1.3325355		111	5.282552		6	0.285543		7.5	0.000356929		37	0.001760851		50	0.00237953		258	0.012278
20.33306	112	3.657577	3.50E+00	8.40E+02		28	1.4625597		111	5.798004		6	0.313406		7.5	0.000391757		37	0.001932668		50	0.00261171		258	0.013476
20.39972	116	3.762626	3.71E+00	8.90E+02		28	1.5508548		111	6.148032		6	0.332326		7.5	0.000415408		37	0.002049344		50	0.00276938		258	0.01429
20.46639	120	4.197065	3.98E+00	9.55E+02	36	35	1.6636102	118	142.5	6.595026	7	8	0.356488	5	5	0.00044581	51	53	0.002198342	46	51.5	0.00297073	297	258	0.015329
20.53306	124	4.609144	4.40E+00	1.06E+03		35	2.3006701		142.5	9.367014		8	0.525867		5	0.000328667		53	0.003483872		51.5	0.00338527		258	0.016959
20.59972	128	4.920602	4.76E+00	1.14E+03		35	2.4896981		142.5	10.13663		8	0.569074		5	0.000355671		53	0.003770114		51.5	0.00366341		258	0.018353
20.66639	132	5.166628	5.04E+00	1.21E+03		35	2.6353439		142.5	10.72961		8	0.602364		5	0.000376478		53	0.003990664		51.5	0.00387772		258	0.019426
20.73306	136	5.419147	5.29E+00	1.27E+03	34	29.5	2.7655915	167	126.5	11.25991	9	8	0.632135	5	4	0.000395084	55	56.5	0.004187896	57	60.5	0.00406937	219	235.5	0.020386
20.79972	140	5.715863	5.57E+00	1.34E+03		29.5	2.4519406		126.5	10.51425		8	0.664933		4	0.000332467		56.5	0.00469609		60.5	0.00502856		235.5	0.019574
20.86639	144	5.983872	5.85E+00	1.40E+03		29.5	2.5762937		126.5	11.0475		8	0.698656		4	0.000349328		56.5	0.004934257		60.5	0.00528359		235.5	0.020567
20.93306	148	6.048772	6.02E+00	1.44E+03		29.5	2.6496006		126.5	11.36185		8	0.718536		4	0.000359268		56.5	0.005074659		60.5	0.00543393		235.5	0.021152
20.99972	152	6.105799	6.08E+00	1.46E+03	25	27.5	2.676449	86	107.5	11.47698	7	8	0.725817	3	3	0.000362908	58	59.5	0.00512608	64	64.5	0.00548899	252	277	0.021366
21.06639	156	6.164816	6.14E+00	1.47E+03		27.5	2.5188154		107.5	9.846279		8	0.732746		3	0.00027478		59.5	0.005449801		64.5	0.00590777		277	0.025371
21.13305	160	6.215467	6.19E+00	1.49E+03		27.5	2.5413272		107.5	9.934279		8	0.739295		3	0.000277236		59.5	0.005498506		64.5	0.00596057		277	0.025598
21.19972	164	6.262529	6.24E+00	1.50E+03		27.5	2.561385		107.5	10.01269		8	0.74513		3	0.000279424		59.5	0.005541906		64.5	0.00600761		277	0.0258
21.26639	168	6.308136	6.29E+00	1.51E+03	30	40.5	2.5804074	129	118	10.08705	9	9.5	0.750664	3	4	0.000281499	61	54	0.005583063	65	64	0.00605223	302	269	0.025992
21.33306	172	6.352369	6.33E+00	1.52E+03		40.5	3.8273958		118	11.15142		9.5	0.897784		4	0.000378014		54	0.005103194		64	0.00604823		269	0.025421
21.39972	176	6.391902	6.37E+00	1.53E+03		40.5	3.8527191		118	11.22521		9.5	0.903724		4	0.000380515		54	0.005136959		64	0.00606825		269	0.02559
21.46639	180	6.399956	6.40E+00	1.54E+03	51	47	3.8671051	107	114	11.26712	10	9	0.907099	5	7	0.000381936	47	48	0.00515614	63	102.5	0.00611098	236	271	0.025685
21.53306	184	6.399973	6.40E+00	1.54E+03		47	4.4905832		114	10.89205		9	0.859899		7	0.00066881		48	0.004586127		102.5	0.00979329		271	0.025893
21.59972	188	6.400006	6.40E+00	1.54E+03		47	4.4906007		114	10.8921		9	0.859902		7	0.000668813		48	0.004586145		102.5	0.00979333		271	0.025893
21.66639	192	6.400017	6.40E+00	1.54E+03		47	4.4906161		114	10.89213		9	0.859905		7	0.000668815		48	0.004586161		102.5	0.00979336		271	0.025893
21.73306	196	6.400029	6.40E+00	1.54E+03		47	4.4906242		114	10.89215		9	0.859907	9	7	0.000668816	49	42	0.004586169	142	140.5	0.00979338	306	294	0.025893
21.79972	200	6.400039	6.40E+00	1.54E+03		47	4.4906319		114	10.89217		9	0.859908		7	0.000668818		42	0.004012905		140.5	0.01342412		294	0.02809
21.86639	204	6.399981	6.40E+00	1.54E+03		47	4.4906151		114	10.89213		9	0.859905		7	0.000668815		42	0.00401289		140.5	0.01342407		294	0.02809
21.93306	208	6.399987	6.40E+00	1.54E+03		47	4.4905968		114	10.89209		9	0.859902		7	0.000668812		42	0.004012874		140.5	0.01342402		294	0.02809
21.99972	212	6.400024	6.40E+00	1.54E+03		47	4.4906119		114	10.89212		9	0.859904		7	0.000668815		42	0.004012887		140.5	0.01342406		294	0.02809
22.06639	216	6.399962	6.40E+00	1.54E+03		47	4.4906032		114	10.8921		9	0.859903		7	0.000668813		42	0.004012879		140.5	0.01342404		294	0.02809
22.13305	220	6.399978	6.40E+00	1.54E+03		47	4.490587		114	10.89206		9	0.8599		7	0.000668811		42	0.004012865		140.5	0.01342399		294	0.02809
22.19972	224	6.400009	6.40E+00	1.54E+03		47	4.4906035		114	10.8921		9	0.859903	5	4	0.000668813	35	37.5	0.00401288	139	120.5	0.01342404	282	252.5	0.02809
22.26639	228	6.400022	6.40E+00	1.54E+03		47	4.4906189		114	10.89214		9	0.859906		4	0.00038218		37.5	0.003582941		120.5	0.01151318		252.5	0.024125
22.33306	232	6.400032	6.40E+00	1.54E+03		47	4.490627		114	10.89216		9	0.859907		4	0.000382181		37.5	0.003582947		120.5	0.0115132		252.5	0.024125
22.39972	236	6.399975	6.40E+00	1.54E+03		47	4.4906105		114	10.89212		9	0.859904		4	0.00038218		37.5	0.003582934		120.5	0.01151316		252.5	0.024125
22.46639	240	6.39996	6.40E+00	1.54E+03	43	48	4.4905923	121	91	10.89207	8	9	0.859901	3	4	0.000382178	40	37.5	0.003582919	102	120.5	0.01151311	223	252.5	0.024125
22.53306	244	6.400019	6.40E+00	1.54E+03		48	4.5861526		91	8.694581		9	0.859904		4	0.000382179		37.5	0.003582932		120.5	0.01151315		252.5	0.024125
22.59972	248	6.399956	6.40E+00	1.54E+03		48	4.586144		91	8.694565		9	0.859902		4	0.000382179		37.5	0.003582925		120.5	0.01151313		252.5	0.024125

Conduit CSO 1005

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
1.79E+05	21.53	534.95	921.90	104.25	0.06	0.39	0.96	2.49

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
22.66639	252	6.399973	6.40E+00	1.54E+03		48	4.5861275		91	8.694533		9	0.859899		4	0.000382177		37.5	0.003582912		120.5	0.01151309		252.5	0.024125
22.73306	256	6.400006	6.40E+00	1.54E+03		48	4.5861454		91	8.694567		9	0.859902	5	5	0.000382179	35	35	0.003582926	139	139	0.01151314	282	282	0.024125
22.79972	260	6.400017	6.40E+00	1.54E+03		48	4.5861612		91	8.694597		9	0.859905		5	0.000477725		35	0.003344076		139	0.01328076		282	0.026944
22.86639	264	6.400029	6.40E+00	1.54E+03		48	4.5861694		91	8.694613		9	0.859907		5	0.000477726		35	0.003344082		139	0.01328076		282	0.026944
22.93306	268	6.400039	6.40E+00	1.54E+03		48	4.5861773		91	8.694628		9	0.859908		5	0.000477727		35	0.003344088		139	0.01328081		282	0.026944
22.99972	272	6.399981	6.40E+00	1.54E+03		48	4.5861601		91	8.694595		9	0.859905	5	5	0.000477725	35	35	0.003344075	139	139	0.01328076	282	282	0.026944
23.06639	276	6.399987	6.40E+00	1.54E+03		48	4.5861415		91	8.69456		9	0.859902		5	0.000477723		35	0.003344061		139	0.0132807		282	0.026944
23.13305	280	6.400024	6.40E+00	1.54E+03		48	4.5861569		91	8.694589		9	0.859904		5	0.000477725		35	0.003344073		139	0.01328075		282	0.026944
23.19972	284	6.399962	6.40E+00	1.54E+03		48	4.5861479		91	8.694572		9	0.859903	5	4	0.000477724	35	33.5	0.003344066	139	96	0.01328072	282	215	0.026944
23.26639	288	6.399978	6.40E+00	1.54E+03		48	4.5861314		91	8.694541		9	0.8599		4	0.000382178		33.5	0.003200738		96	0.00917226		215	0.020542
23.33306	292	6.400009	6.40E+00	1.54E+03		48	4.5861483		91	8.694573		9	0.859903		4	0.000382179		33.5	0.003200749		96	0.0091723		215	0.020542
23.39972	296	6.400022	6.40E+00	1.54E+03		48	4.586164		91	8.694603		9	0.859906		4	0.00038218		33.5	0.00320076		96	0.00917233		215	0.020542
23.46639	300	6.400032	6.40E+00	1.54E+03	53	53	4.5861723	61	61	8.694618	10	10	0.859907	3	4	0.000382181	32	29.5	0.003200766	53	65	0.00917234	148	171	0.020542
23.53306	304	6.399975	6.40E+00	1.54E+03		53	5.06388		61	5.828239		10	0.955449		4	0.00038218		29.5	0.002818575		65	0.00621042		171	0.016338
23.59972	308	6.39998	6.40E+00	1.54E+03		53	5.0638594		61	5.828216		10	0.955445		4	0.000382178		29.5	0.002818563		65	0.00621039		171	0.016338
23.66639	312	6.400019	6.40E+00	1.54E+03		53	5.0638768		61	5.828236		10	0.955448		4	0.000382179		29.5	0.002818573		65	0.00621041		171	0.016338
23.73306	316	6.399958	6.40E+00	1.54E+03		53	5.0638673		61	5.828225		10	0.955447	5	5	0.000382179	27	27	0.002818568	77	77	0.0062104	194	194	0.016338
23.79972	320	6.399973	6.40E+00	1.54E+03		53	5.0638491		61	5.828204		10	0.955443		5	0.000477722		27	0.002579697		77	0.00735691		194	0.016336
23.86639	324	6.400006	6.40E+00	1.54E+03		53	5.0638689		61	5.828226		10	0.955447		5	0.000477723		27	0.002579707		77	0.00735694		194	0.016336
23.93306	328	6.393074	6.40E+00	1.54E+03		53	5.0611395		61	5.825085		10	0.954932		5	0.000477466		27	0.002578316		77	0.00735298		194	0.016526
23.99972	332	6.383348	6.39E+00	1.53E+03		53	5.0545494		61	5.8175		10	0.953689		5	0.000476844		27	0.002574959		77	0.0073434		194	0.016502
24.06639	336	6.372727	6.38E+00	1.53E+03		53	5.0464998		61	5.808236		10	0.95217		5	0.000476085		27	0.002570858		77	0.00733171		194	0.018472
24.13305	340	6.358761	6.37E+00	1.53E+03		53	5.0367728		61	5.79704		10	0.950334		5	0.000475167		27	0.002565903		77	0.00731758		194	0.018436
24.19972	344	6.3434	6.35E+00	1.52E+03		53	5.0251706		61	5.783687		10	0.948145	5	5	0.000474073	27	27	0.002559993	77	77	0.00730072	194	194	0.018394
24.26639	348	6.330541	6.34E+00	1.52E+03		53	5.0140063		61	5.770837		10	0.946039		5	0.000473019		27	0.002554305		77	0.0072845		194	0.018353
24.33306	352	6.313839	6.32E+00	1.52E+03		53	5.0023115		61	5.757377		10	0.943832		5	0.000471918		27	0.002548347		77	0.00726751		194	0.01831
24.39972	356	6.295547	6.30E+00	1.51E+03		53	4.9884673		61	5.741444		10	0.94122		5	0.00047061		27	0.002541295		77	0.0072474		194	0.01826
24.46639	360	6.276557	6.29E+00	1.51E+03		53	4.973718		61	5.724468		10	0.938437		5	0.000469219		27	0.002533781		77	0.00722597		194	0.018206
24.53306	364	6.258074	6.27E+00	1.50E+03		53	4.9588931		61	5.707405		10	0.93564		5	0.00046782		27	0.002526229		77	0.00720443		194	0.018151
24.59972	368	6.23667	6.25E+00	1.50E+03		53	4.9431132		61	5.689244		10	0.932663		5	0.000466331		27	0.00251819		77	0.0071815		194	0.018094
24.66639	372	6.21664	6.23E+00	1.49E+03		53	4.9267213		61	5.670377		10	0.92957		5	0.000464785		27	0.002509839		77	0.00715769		194	0.018034
24.73306	376	6.1961	6.21E+00	1.49E+03		53	4.9106712		61	5.651905		10	0.926542		5	0.000463271		27	0.002501663		77	0.00713437		194	0.017975
24.79972	380	6.17199	6.18E+00	1.48E+03		53	4.8930069		61	5.631574		10	0.923209		5	0.000461604		27	0.002492664		77	0.00710871		194	0.01791
24.86639	384	6.148607	6.16E+00	1.48E+03		53	4.874218		61	5.609949		10	0.919684		5	0.000459832		27	0.002483092		77	0.00708141		194	0.017841
24.93306	388	6.123302	6.14E+00	1.47E+03		53	4.8549562		61	5.58778		10	0.916029		5	0.000458015		27	0.00247328		77	0.00705343		194	0.017771
24.99972	392	6.096498	6.11E+00	1.47E+03		53	4.8343411		61	5.564053		10	0.91214		5	0.00045607		27	0.002462778		77	0.0070348		194	0.017696
25.06639	396	6.069156	6.08E+00	1.46E+03		53	4.8129201		61	5.539399		10	0.908098		5	0.000454049		27	0.002451865		77	0.00699236		194	0.017617
25.13305	400	6.040606	6.05E+00	1.45E+03		53	4.7908084		61	5.513949		10	0.903926		5	0.000451963		27	0.002440601		77	0.00698023		194	0.017536
25.19972	404	6.00919	6.02E+00	1.45E+03		53	4.7670849		61	5.486645		10	0.89945		5	0.000449725		27	0.002426515		77	0.00692576		194	0.017449
25.26639	408	5.903038	5.96E+00	1.43E+03		53	4.7126609		61	5.424006		10	0.889181		5	0.000444591		27	0.0024079		77	0.0068467		194	0.01725
25.33306	412	5.747371	5.83E+00	1.40E+03		53	4.6090813		61	5.304792		10	0.869638		5	0.000434819		27	0.00248023		77	0.00689621		194	0.016871
25.39972	416	5.613854	5.68E+00	1.36E+03		53	4.4946756		61	5.173117		10	0.848052		5	0.000424026		27	0.00228974		77	0.00653		194	0.016452
25.46639	420	5.492566	5.55E+00	1.33E+03		53	4.3938708		61	5.057097		10	0.829032		5	0.000414516		27	0.002238387		77	0.00638355		194	0.016063
25.53306	424	5.372068	5.43E+00	1.30E+03		53	4.2982166		61	4.947004		10	0.810984		5	0.000405492		27	0.002189658		77	0.00624458		194	0.015733
25.59972	428	5.260359	5.32E+00	1.28E+03		53	4.2063519		61	4.841273		10	0.793651		5	0.000396826		27	0.002142859		77	0.00611112		194	0.015397
25.66639	432	5.131171	5.20E+00	1.25E+03		53	4.1110493		61	4.731585		10	0.77567		5	0.000387835		27	0.002094308		77	0.00597266		194	0.015048
25.73306	436	4.991767	5.06E+00	1.21E+03		53	4.0047902		61	4.609287		10	0.755621		5	0.00037781		27	0.002040176		77	0.00581828		194	0.014659
25.79972	440	4.864371	4.93E+00	1.18E+03		53	3.89924		61	4.487805		10	0.735706		5	0.000367853		27	0.001986405		77	0.00566493		194	0.014273
25.86639	444	4.73846	4.80E+00	1.15E+03		53	3.7990279		61	4.372466		10	0.716798		5	0.000358399		27	0.001935354		77	0.00551934		194	0.013906
25.93306	448	4.623215	4.68E+00	1.12E+03		53	3.7036228		61	4.26266		10	0.698797		5	0.000349398		27	0.001886751		77	0.00538074		194	0.013557
25.99972	452	4.517589	4.57E+00	1.10E+03		53	3.6162429		61	4.162091		10	0.68231		5	0.000341155		27	0.001842237		77	0.00525379		194	0.013237
26.06639	456	4.421371	4.47E+00	1.07E+03		53	3.5363903		61	4.070185		10	0.667243		5	0.000333622		27	0.001801557		77	0.00513777		194	0.012945
26.13305	460	4.326603	4.37E+00	1.05E+03		53	3.4608333		61	3.983223		10	0.652987		5	0.000326494		27	0.001763066		77	0.005028		194	0.012668
26.19972	464	4.229724	4.28E+00	1.03E+03		53	3.3850148		61	3.89596		10	0.638682		5	0.000319341		27	0.001724441		77	0.00491785		194	0.01239
26.26639	468	4.124341	4.18E+00	1.00E+03		53	3.3049968		61	3.803864		10	0.623584		5	0.000311792		27	0.001683678		77	0.0048016		194	0.012098
26.33306	472	4.014026	4.07E+00	9.77E+02		53	3.2196634		61	3.70565		10	0.607484		5	0.000303742		27	0.001640206		77	0.00467762		194	0.011785
26.39972	476	3.904525	3.96E+00	9.50E+02		53	3.1327008		61	3.605561		10	0.591076		5	0.000295538		27	0.001595904		77	0.00455128		194	0.011467
26.46639	480	3.798619	3.85E+00	9.24E+02		53	3.0474824		61	3.50748		10	0.574997		5	0.000287498		27	0.001552491		77	0.00442747		194	0.011155
26.53306	484	3.694056	3.75E+00	8.99E+02		53	2.9642177		61	3.411647		10	0.559286		5	0.000279643		27	0.001510073		77	0.0043065		194	0.01085
26.59972	488	3.594855	3.64E+00	8.75E+02		53	2.8836055		61	3.318867		10	0.544077		5	0.000272038		27	0.001469007		77	0.00418939		194	0.010555
26.66639	492	3.502858	3.55E+00	8.52E+02		53	2.8079646		61	3.231808		10	0.529805		5	0.000264902		27	0.001430473		77	0.0040795		194	0.010278
26.73306	496	3.413885	3.46E+00	8.30E+02		53	2.7363701		61	3.149407		10	0.516296		5	0.000258148		27	0.001394		77	0.00397548		194	0.010016
26.79972	500	3.324592	3.37E+00	8.09E+02		53	2.6658453		61	3.068237		10	0.50299		5	0.000251495		27	0.001358072		77	0.00387302		194	0.009758
26.86639	504	3.285	3.28E+00	7.88E+02		53	2.5962566		61	2.988144		10	0.48986		5	0.00024493		27	0.001322621		77	0.00377192		194	0.009503

Conduit CSO 1005

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
1.79E+05	21.53	534.95	921.90	104.25	0.06	0.39	0.96	2.49

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
26.93306	508	3.148247	3.19E+00	7.66E+02		53	2.5264918		61	2.907849		10	0.476697		5	0.000238348		27	0.001287081		77	0.00367056		194	0.009248
26.99972	512	3.05553	3.10E+00	7.44E+02		53	2.4543097		61	2.824772		10	0.463077		5	0.000231539		27	0.001250309		77	0.0035657		194	0.008984
27.06639	516	2.962444	3.01E+00	7.22E+02		53	2.3808032		61	2.74017		10	0.449208		5	0.000224604		27	0.001212862		77	0.0034589		194	0.008715
27.13305	520	2.871549	2.92E+00	7.00E+02		53	2.3080175		61	2.656398		10	0.435475		5	0.000217738		27	0.001175783		77	0.00335316		194	0.008448
27.19972	524	2.782692	2.83E+00	6.79E+02		53	2.2369048		61	2.574551		10	0.422058		5	0.000211029		27	0.001139555		77	0.00324984		194	0.008188
27.26639	528	2.694655	2.74E+00	6.57E+02		53	2.1669229		61	2.494006		10	0.408853		5	0.000204427		27	0.001103904		77	0.00314817		194	0.007932
27.33306	532	2.608812	2.65E+00	6.36E+02		53	2.0981332		61	2.414833		10	0.395874		5	0.000197937		27	0.00106886		77	0.00304823		194	0.00768
27.39972	536	2.521399	2.57E+00	6.16E+02		53	2.0295905		61	2.335944		10	0.382942		5	0.000191471		27	0.001033942		77	0.00294865		194	0.007429
27.46639	540	2.43144	2.48E+00	5.94E+02		53	1.9594194		61	2.255181		10	0.369702		5	0.000184851		27	0.000998195		77	0.0028487		194	0.007172
27.53306	544	2.342201	2.39E+00	5.73E+02		53	1.8885259		61	2.173586		10	0.356326		5	0.000178163		27	0.000962079		77	0.00274371		194	0.006913
27.59972	548	2.255657	2.30E+00	5.52E+02		53	1.8189835		61	2.093547		10	0.343204		5	0.000171602		27	0.000926652		77	0.00264267		194	0.006658
27.66639	552	2.171747	2.21E+00	5.31E+02		53	1.7515492		61	2.015934		10	0.330481		5	0.00016524		27	0.000892299		77	0.0025447		194	0.006411
27.73306	556	2.092047	2.13E+00	5.12E+02		53	1.6868226		61	1.941437		10	0.318268		5	0.000159134		27	0.000859325		77	0.00245087		194	0.006174
27.79972	560	2.018734	2.06E+00	4.93E+02		53	1.6262883		61	1.871766		10	0.306847		5	0.000153423		27	0.000828486		77	0.00236272		194	0.005953
27.86639	564	1.964557	1.99E+00	4.78E+02		53	1.5758513		61	1.813716		10	0.29733		5	0.000148665		27	0.000802792		77	0.00228944		194	0.005768
27.93306	568	1.916882	1.94E+00	4.66E+02		53	1.5355571		61	1.767339		10	0.289728		5	0.000144864		27	0.000782265		77	0.0022309		194	0.005621
27.99972	572	1.870498	1.89E+00	4.54E+02		53	1.4983459		61	1.724511		10	0.282707		5	0.000141353		27	0.000763308		77	0.00217684		194	0.005485
28.06639	576	1.824486	1.85E+00	4.43E+02		53	1.4617926		61	1.682441		10	0.27581		5	0.000137905		27	0.000744687		77	0.00212374		194	0.005351
28.13305	580	1.777826	1.80E+00	4.32E+02		53	1.4251301		61	1.640244		10	0.268892		5	0.000134446		27	0.00072601		77	0.00207047		194	0.005217
28.19972	584	1.730698	1.75E+00	4.21E+02		53	1.3880261		61	1.59754		10	0.261892		5	0.000130946		27	0.000707108		77	0.00201657		194	0.005081
28.26639	588	1.684354	1.71E+00	4.10E+02		53	1.3510472		61	1.554979		10	0.254915		5	0.000127457		27	0.000688269		77	0.00196284		194	0.004945
28.33306	592	1.63922	1.66E+00	3.99E+02		53	1.3148571		61	1.513326		10	0.248086		5	0.000124043		27	0.000669833		77	0.00191026		194	0.004813
28.39972	596	1.594307	1.62E+00	3.88E+02		53	1.2792331		61	1.472325		10	0.241365		5	0.000120682		27	0.000651685		77	0.00185851		194	0.004682
28.46639	600	1.550399	1.57E+00	3.77E+02		53	1.2440941		61	1.431882		10	0.234735		5	0.000117367		27	0.000633784		77	0.00180746		194	0.004554
28.53306	604	1.50794	1.53E+00	3.67E+02		53	1.209926		61	1.392556		10	0.228288		5	0.000114144		27	0.000616377		77	0.00175782		194	0.004429
28.59972	608	1.467082	1.49E+00	3.57E+02		53	1.1769645		61	1.35462		10	0.222069		5	0.000111034		27	0.000599586		77	0.00170993		194	0.004308
28.66639	612	1.426514	1.45E+00	3.47E+02		53	1.1447512		61	1.317544		10	0.215991		5	0.000107995		27	0.000583175		77	0.00166313		194	0.00419
28.73306	616	1.386537	1.41E+00	3.38E+02		53	1.1128863		61	1.280869		10	0.209979		5	0.000104989		27	0.000566942		77	0.00161683		194	0.004074
28.79972	620	1.347547	1.37E+00	3.28E+02		53	1.0816457		61	1.244913		10	0.204084		5	0.000102042		27	0.000551027		77	0.00157145		194	0.003959
28.86639	624	1.30923	1.33E+00	3.19E+02		53	1.0510619		61	1.209713		10	0.198314		5	9.91568E-05		27	0.000535447		77	0.00152701		194	0.003847
28.93306	628	1.272817	1.29E+00	3.10E+02		53	1.0214976		61	1.175686		10	0.192735		5	9.63677E-05		27	0.000520386		77	0.00148406		194	0.003739
28.99972	632	1.236516	1.25E+00	3.01E+02		53	0.9927308		61	1.142577		10	0.187308		5	9.36538E-05		27	0.000505731		77	0.00144227		194	0.003634
29.06639	636	1.200759	1.22E+00	2.92E+02		53	0.9642235		61	1.109767		10	0.181929		5	9.09645E-05		27	0.000491208		77	0.00140085		194	0.003529
29.13305	640	1.166253	1.18E+00	2.84E+02		53	0.9364264		61	1.077774		10	0.176684		5	8.83421E-05		27	0.000477047		77	0.00136047		194	0.003428
29.19972	644	1.133638	1.15E+00	2.76E+02		53	0.9098723		61	1.047212		10	0.171674		5	8.5837E-05		27	0.00046352		77	0.00132189		194	0.00333
29.26639	648	1.102423	1.12E+00	2.68E+02		53	0.8846202		61	1.018148		10	0.166909		5	8.34547E-05		27	0.000450656		77	0.0012852		194	0.003238
29.33306	652	1.069588	1.09E+00	2.61E+02		53	0.859281		61	0.988984		10	0.162128		5	8.10642E-05		27	0.000437747		77	0.00124839		194	0.003145
29.39972	656	1.040669	1.06E+00	2.53E+02		53	0.8348502		61	0.960865		10	0.157519		5	7.87595E-05		27	0.000425301		77	0.0012129		194	0.003056
29.46639	660	1.013239	1.03E+00	2.46E+02		53	0.8125576		61	0.935208		10	0.153313		5	7.66564E-05		27	0.000413944		77	0.00118051		194	0.002974
29.53306	664	0.9871271	1.00E+00	2.40E+02		53	0.7913756		61	0.910829		10	0.149316		5	7.46581E-05		27	0.000403154		77	0.00114973		194	0.002897
29.59972	668	0.9621415	9.75E-01	2.34E+02		53	0.7711607		61	0.887562		10	0.145502		5	7.2751E-05		27	0.000392855		77	0.00112037		194	0.002823
29.66639	672	0.9380091	9.50E-01	2.28E+02		53	0.7517288		61	0.865197		10	0.141836		5	7.09178E-05		27	0.000382956		77	0.00109213		194	0.002752
29.73306	676	0.9141595	9.26E-01	2.22E+02		53	0.7327464		61	0.84335		10	0.138254		5	6.9127E-05		27	0.000373286		77	0.00106456		194	0.002682
29.79972	680	0.8912658	9.03E-01	2.17E+02		53	0.7142541		61	0.822066		10	0.134765		5	6.73825E-05		27	0.000363865		77	0.00103769		194	0.002614
29.86639	684	0.8691047	8.80E-01	2.11E+02		53	0.6964297		61	0.801551		10	0.131402		5	6.57009E-05		27	0.000354785		77	0.00101179		194	0.002549
29.93306	688	0.8478692	8.58E-01	2.06E+02		53	0.6792613		61	0.781791		10	0.128163		5	6.40813E-05		27	0.000346039		77	0.00098685		194	0.002486
29.99972	692	0.8273123	8.38E-01	2.01E+02		53	0.6627276		61	0.762762		10	0.125043		5	6.25215E-05		27	0.000337616		77	0.00096283		194	0.002426
30.06639	696	0.8042081	8.16E-01	1.96E+02		53	0.6454546		61	0.742882		10	0.121784		5	6.08919E-05		27	0.000328818		77	0.00093774		194	0.002363
30.13305	700	0.7718336	7.88E-01	1.89E+02		53	0.6235064		61	0.717621		10	0.117643		5	5.88214E-05		27	0.000317635		77	0.00090585		194	0.002282
30.19972	704	0.7468703	7.59E-01	1.82E+02		53	0.6008227		61	0.691513		10	0.113363		5	5.66814E-05		27	0.000306079		77	0.00087289		194	0.002199
30.26639	708	0.7261885	7.37E-01	1.77E+02		53	0.5827648		61	0.670729		10	0.109956		5	5.49778E-05		27	0.00029688		77	0.00084666		194	0.002133
30.33306	712	0.7088215	7.18E-01	1.72E+02		53	0.5677121		61	0.653404		10	0.107115		5	5.35577E-05		27	0.000289212		77	0.00082479		194	0.002078
30.39972	716	0.6929402	7.01E-01	1.68E+02		53	0.5545585		61	0.638265		10	0.104634		5	5.23168E-05		27	0.000282511		77	0.00080568		194	0.00203
30.46639	720	0.6784506	6.86E-01	1.65E+02		53	0.5425433		61	0.624437		10	0.102367		5	5.11833E-05		27	0.00027639		77	0.00078822		194	0.001986
30.53306	724	0.6649932	6.72E-01	1.61E+02		53	0.5314871		61	0.611712		10	0.100281		5	5.01403E-05		27	0.000270758		77	0.00077216		194	0.001945
30.59972	728	0.6523329	6.59E-01	1.58E+02		53	0.5211545		61	0.599819		10	0.098331		5	4.91655E-05		27	0.000265494		77	0.00075715		194	0.001908
30.66639	732	0.639825	6.46E-01	1.55E+02		53	0.5111976		61	0.588359		10	0.096452		5	4.82262E-05		27	0.000260421		77	0.00074268		194	0.001871
30.73306	736	0.6278806	6.34E-01	1.52E+02		53	0.5015239		61	0.577226		10	0.094627		5	4.73136E-05		27	0.000255493		77	0.00072863		194	0.001836
30.79972	740	0.6165422	6.22E-01	1.49E+02		53	0.4923128		61	0.566624		10	0.092689		5	4.64446E-05		27	0.000250801		77	0.00071525		194	0.001802
30.86639	744	0.6057164	6.11E-01	1.47E+02		53	0.4835443		61	0.556532		10	0.091235		5	4.56174E-05		27	0.000246334		77	0.00070251		194	0.00177
30.93306	748	0.5954362	6.01E-01	1.44E+02		53	0.4751945		61	0.546922		10	0.089659		5	4.48297E-05		27	0.00024208		77	0.00069038		194	0.001739
30.99972	752	0.5857702	5.91E-01	1.42E+02		53	0.4673034		61	0.53784		10	0.08817		5	4.40852E-05		27	0.00023806		77	0.00067891		194	0.001711
31.06639	756	0.5765607	5.81E-01	1.39E+02		53	0.459836		61	0.529245		10	0.086762		5	4.33808E-05		27	0.000234256		77	0.00066806		194	0.001683
31.13305	760	0.5680794	5.72E-01	1.37E+02		53	0.4528373		61	0.52119		10	0.085441		5	4.27205E-05		27	0.000230691		77	0.0006579		194	0.001658

Conduit CSO 1005

Summary Statistics

Total Discharge

Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
1.79E+05	21.53	534.95	921.90	104.25	0.06	0.39	0.96	2.49

Conduit CSO

Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
31.19972	764	0.5603096	5.64E-01	1.35E+02		53	0.4464082		61	0.513791		10	0.084228	5	4.2114E-05	27	0.000227415		77	0.00064656		194	0.001634
31.26639	768	0.5532074	5.57E-01	1.34E+02		53	0.4405246		61	0.507019		10	0.08211	5	4.15589E-05	27	0.000224418		77	0.00064001		194	0.001612
31.33306	772	0.5468019	5.50E-01	1.32E+02		53	0.4351806		61	0.500868		10	0.08211	5	4.10548E-05	27	0.000221696		77	0.00063224		194	0.001593
31.39972	776	0.5411648	5.44E-01	1.31E+02		53	0.4304164		61	0.495385		10	0.081211	5	4.06053E-05	27	0.000219269		77	0.00062532		194	0.001575
31.46639	780	0.5362119	5.39E-01	1.29E+02		53	0.4262268		61	0.490563		10	0.08042	5	4.02101E-05	27	0.000217134		77	0.00061924		194	0.00156
31.53306	784	0.5318468	5.34E-01	1.28E+02		53	0.4225405		61	0.48632		10	0.079725	5	3.98623E-05	27	0.000215256		77	0.00061388		194	0.001547
31.59972	788	0.5279533	5.30E-01	1.27E+02		53	0.4192732		61	0.48256		10	0.079108	5	3.95541E-05	27	0.000213592		77	0.00060913		194	0.001535
31.66639	792	0.5245008	5.26E-01	1.26E+02		53	0.4163671		61	0.479215		10	0.07856	5	3.92799E-05	27	0.000212112		77	0.00060491		194	0.001524
31.73306	796	0.521462	5.23E-01	1.26E+02		53	0.413799		61	0.476259		10	0.078075	5	3.90376E-05	27	0.000210803		77	0.00060118		194	0.001515
31.79972	800	0.5188078	5.20E-01	1.25E+02		53	0.4115468		61	0.473667		10	0.07765	5	3.88252E-05	27	0.000209656		77	0.00059791		194	0.001506
31.86639	804	0.5164676	5.18E-01	1.24E+02		53	0.4095709		61	0.471393		10	0.077278	5	3.86388E-05	27	0.000208649		77	0.00059504		194	0.001499
31.93306	808	0.5144507	5.15E-01	1.24E+02		53	0.4078472		61	0.469409		10	0.076952	5	3.84761E-05	27	0.000207771		77	0.00059253		194	0.001493
31.99972	812	0.5127462	5.14E-01	1.23E+02		53	0.4063749		61	0.467715		10	0.076675	5	3.83373E-05	27	0.000207021		77	0.00059039		194	0.001487
32.06639	816	0.5114189	5.12E-01	1.23E+02		53	0.4051747		61	0.466333		10	0.076448	5	3.8224E-05	27	0.00020641		77	0.00058865		194	0.001483
32.13306	820	0.5104666	5.11E-01	1.23E+02		53	0.4042729		61	0.465295		10	0.076278	5	3.81389E-05	27	0.00020595		77	0.00058734		194	0.00148
32.19972	824	0.5096464	5.10E-01	1.22E+02		53	0.4036515		61	0.46458		10	0.076161	5	3.80803E-05	27	0.000205634		77	0.00058644		194	0.001478
32.26639	828	0.509481	5.10E-01	1.22E+02		53	0.4032616		61	0.464131		10	0.076087	5	3.80435E-05	27	0.000205435		77	0.00058587		194	0.001476
32.33306	832	0.5094745	5.09E-01	1.22E+02		53	0.4031145		61	0.463962		10	0.076059	5	3.80297E-05	27	0.00020536		77	0.00058566		194	0.001476
32.39972	836	0.5098563	5.10E-01	1.22E+02		53	0.403263		61	0.464133		10	0.076087	5	3.80437E-05	27	0.000205436		77	0.00058567		194	0.001476
32.46639	840	0.5104449	5.10E-01	1.22E+02		53	0.4036469		61	0.464575		10	0.07616	5	3.80799E-05	27	0.000205631		77	0.00058643		194	0.001477
32.53305	844	0.5112822	5.11E-01	1.23E+02		53	0.404211		61	0.465224		10	0.076266	5	3.81331E-05	27	0.000205919		77	0.00058725		194	0.00148
32.59972	848	0.5122555	5.12E-01	1.23E+02		53	0.4049273		61	0.466048		10	0.076401	5	3.82007E-05	27	0.000206284		77	0.00058829		194	0.001482
32.66639	852	0.5132642	5.13E-01	1.23E+02		53	0.4057114		61	0.466951		10	0.076549	5	3.82747E-05	27	0.000206683		77	0.00058943		194	0.001485
32.73306	856	0.5146951	5.14E-01	1.23E+02		53	0.4066765		61	0.468062		10	0.076731	5	3.83657E-05	27	0.000207175		77	0.00059083		194	0.001489
32.79972	860	0.5162688	5.15E-01	1.24E+02		53	0.4078652		61	0.46943		10	0.076956	5	3.84778E-05	27	0.00020778		77	0.00059256		194	0.001493
32.86639	864	0.5182049	5.17E-01	1.24E+02		53	0.4092537		61	0.471028		10	0.077218	5	3.86088E-05	27	0.000208488		77	0.00059458		194	0.001498
32.93306	868	0.520387	5.19E-01	1.25E+02		53	0.410883		61	0.472903		10	0.077525	5	3.87625E-05	27	0.000209318		77	0.00059694		194	0.001504
32.99972	872	0.5224802	5.21E-01	1.25E+02		53	0.4125743		61	0.47485		10	0.077844	5	3.89221E-05	27	0.000210179		77	0.0005994		194	0.00151
33.06639	876	0.5244567	5.23E-01	1.26E+02		53	0.4141844		61	0.476703		10	0.078148	5	3.9074E-05	27	0.000211		77	0.00060174		194	0.001516
33.13306	880	0.5262007	5.25E-01	1.26E+02		53	0.4156563		61	0.478397		10	0.078426	5	3.92129E-05	27	0.000211749		77	0.00060388		194	0.001521
33.19972	884	0.5275581	5.27E-01	1.26E+02		53	0.4166832		61	0.479809		10	0.078657	5	3.93286E-05	27	0.000212374		77	0.00060566		194	0.001526
33.26639	888	0.5284636	5.28E-01	1.27E+02		53	0.4177785		61	0.480839		10	0.078826	5	3.94131E-05	27	0.000212831		77	0.00060696		194	0.001529
33.33306	892	0.5290578	5.29E-01	1.27E+02		53	0.4183718		61	0.481522		10	0.078938	5	3.9469E-05	27	0.000213133		77	0.00060782		194	0.001531
33.39972	896	0.5291987	5.29E-01	1.27E+02		53	0.4186626		61	0.481657		10	0.078993	5	3.94965E-05	27	0.000213281		77	0.00060825		194	0.001532
33.46639	900	0.5289089	5.29E-01	1.27E+02		53	0.4186037		61	0.481789		10	0.078982	5	3.94909E-05	27	0.000213251		77	0.00060816		194	0.001532
33.53305	904	0.5282407	5.29E-01	1.27E+02		53	0.4182247		61	0.481353		10	0.07891	5	3.94552E-05	27	0.000213058		77	0.00060761		194	0.001531
33.59972	908	0.5271325	5.28E-01	1.27E+02		53	0.4175219		61	0.480544		10	0.078778	5	3.93889E-05	27	0.0002127		77	0.00060659		194	0.001528
33.66639	912	0.5258761	5.27E-01	1.26E+02		53	0.4165864		61	0.479467		10	0.078601	5	3.93006E-05	27	0.000212223		77	0.00060523		194	0.001525
33.73306	916	0.5245545	5.25E-01	1.26E+02		53	0.4155665		61	0.478294		10	0.078409	5	3.92044E-05	27	0.000211704		77	0.00060375		194	0.001521
33.79972	920	0.5231248	5.24E-01	1.26E+02		53	0.4144781		61	0.477041		10	0.078203	5	3.91017E-05	27	0.000211149		77	0.00060217		194	0.001517
33.86639	924	0.5217286	5.22E-01	1.25E+02		53	0.4133601		61	0.475754		10	0.077992	5	3.89962E-05	27	0.00021058		77	0.00060054		194	0.001513
33.93306	928	0.5201671	5.21E-01	1.25E+02		53	0.41219		61	0.474407		10	0.077772	5	3.88858E-05	27	0.000209984		77	0.00059884		194	0.001509
33.99972	932	0.5185508	5.19E-01	1.25E+02		53	0.4109328		61	0.47296		10	0.077534	5	3.87672E-05	27	0.000209343		77	0.00059702		194	0.001504
34.06639	936	0.5167492	5.18E-01	1.24E+02		53	0.4095806		61	0.471404		10	0.077279	5	3.86397E-05	27	0.000208654		77	0.00059505		194	0.001499
34.13306	940	0.5150986	5.16E-01	1.24E+02		53	0.4082149		61	0.469832		10	0.077022	5	3.85108E-05	27	0.000207959		77	0.00059307		194	0.001494
34.19972	944	0.5136052	5.14E-01	1.23E+02		53	0.4069711		61	0.468401		10	0.076787	5	3.83935E-05	27	0.000207325		77	0.00059126		194	0.00149
34.26639	948	0.512	5.13E-01	1.23E+02		53	0.4057452		61	0.46699		10	0.076556	5	3.82779E-05	27	0.0002067		77	0.00058948		194	0.001485
34.33306	952	0.5104356	5.11E-01	1.23E+02		53	0.4044913		61	0.465547		10	0.076319	5	3.81596E-05	27	0.000206062		77	0.00058766		194	0.001481
34.39972	956	0.5091325	5.10E-01	1.22E+02		53	0.4033568		61	0.464241		10	0.076105	5	3.80525E-05	27	0.000205484		77	0.00058601		194	0.001476
34.46639	960	0.5080115	5.09E-01	1.22E+02		53	0.4023978		61	0.463137		10	0.075924	5	3.79621E-05	27	0.000204995		77	0.00058462		194	0.001473
34.53305	964	0.5069138	5.07E-01	1.22E+02		53	0.4015201		61	0.462127		10	0.075759	5	3.78793E-05	27	0.000204548		77	0.00058334		194	0.00147
34.59972	968	0.505892	5.06E-01	1.22E+02		53	0.4006816		61	0.461162		10	0.0756	5	3.78001E-05	27	0.000204121		77	0.00058212		194	0.001467
34.66639	972	0.5050121	5.05E-01	1.21E+02		53	0.3999292		61	0.460296		10	0.075458	5	3.77292E-05	27	0.000203738		77	0.00058103		194	0.001464
34.73306	976	0.5042045	5.05E-01	1.21E+02		53	0.3992616		61	0.459528		10	0.075332	5	3.76662E-05	27	0.000203397		77	0.00058006		194	0.001461
34.79972	980	0.5033268	5.04E-01	1.21E+02		53	0.3985949		61	0.45878		10	0.075207	5	3.76033E-05	27	0.000203058		77	0.00057909		194	0.001459
34.86639	984	0.5023351	5.03E-01	1.21E+02		53	0.3978553		61	0.457909		10	0.075067	5	3.75335E-05	27	0.000202681		77	0.00057802		194	0.001456
34.93306	988	0.5014286	5.02E-01	1.20E+02		53	0.3971044		61	0.457045		10	0.074925	5	3.74627E-05	27	0.000202298		77	0.00057693		194	0.001454
34.99972	992	0.5003016	5.01E-01	1.20E+02		53	0.3962999		61	0.456119		10	0.074774	5	3.73868E-05	27	0.000201889		77	0.00057576		194	0.001451
35.06639	996	0.4991084	5.00E-01	1.20E+02		53	0.3953812		61	0.455061		10	0.0746	5	3.73001E-05	27	0.000201421		77	0.00057442		194	0.001447
35.13306	1000	0.4978287	4.98E-01	1.20E+02		53	0.3944029		61	0.453935		10	0.074416	5	3.72078E-05	27	0.000200922		77	0.000573		194	0.001444
35.19972	1004	0.496374	4.97E-01	1.19E+02		53	0.3933219		61	0.452691		10	0.074212	5	3.71058E-05	27	0.000200372		77	0.00057143		194	0.00144
35.26639	1008	0.4946458	4.96E-01	1.19E+02		53	0.3920627		61	0.451242		10	0.073974	5	3.6987E-05	27	0.00019973		77	0.0005696		194	0.001435
35.33306	1012	0.492746	4.94E-01	1.18E+02		53	0.3906274		61	0.44959		10	0.073703	5	3.68516E-05	27	0.000198999		77	0.00056752		194	0.00143
35.39972	1016	0.[illegible]155	4.92E-01	1.18E+02		53	0.389033		61	0.447755		10	0.073402	5	3.67012E-05	27	0.000198187		77	0.0005652		194	0.001424

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Conduit CSO 1005

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
1.79E+05	21.53	534.95	921.90	104.25	0.06	0.39	0.96	2.49

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
35.46639	1020	0.4883002	4.89E-01	1.17E+02		53	0.3872741		61	0.445731		10	0.073071		5	3.65353E-05		27	0.000197291		77	0.00056264		194	0.001418
35.53305	1024	0.4857829	4.87E-01	1.17E+02		53	0.3853623		61	0.44353		10	0.07271		5	3.63549E-05		27	0.000196317		77	0.00055987		194	0.001411
35.59972	1028	0.4829766	4.84E-01	1.16E+02		53	0.3832562		61	0.441106		10	0.072312		5	3.61562E-05		27	0.000195244		77	0.00055681		194	0.001403
35.66639	1032	0.4799496	4.81E-01	1.16E+02		53	0.3809484		61	0.43845		10	0.071877		5	3.59385E-05		27	0.000194068		77	0.00055345		194	0.001394
35.73306	1036	0.4767245	4.78E-01	1.15E+02		53	0.378475		61	0.435603		10	0.07141		5	3.57052E-05		27	0.000192808		77	0.00054986		194	0.001385
35.79972	1040	0.4734401	4.75E-01	1.14E+02		53	0.3758998		61	0.432639		10	0.070924		5	3.54622E-05		27	0.000191496		77	0.00054612		194	0.001376
35.86639	1044	0.4700715	4.72E-01	1.13E+02		53	0.3732677		61	0.42961		10	0.070428		5	3.52139E-05		27	0.000190155		77	0.00054229		194	0.001366
35.93306	1048	0.4664839	4.68E-01	1.12E+02		53	0.3705157		61	0.426443		10	0.069909		5	3.49543E-05		27	0.000188753		77	0.0005383		194	0.001356
35.99972	1052	0.4628078	4.65E-01	1.12E+02		53	0.3676421		61	0.423135		10	0.069366		5	3.46832E-05		27	0.000187289		77	0.00053412		194	0.001348
36.06639	1056	0.4591091	4.61E-01	1.11E+02		53	0.3647245		61	0.419777		10	0.068816		5	3.4408E-05		27	0.000185803		77	0.00052988		194	0.001335
36.13306	1060	0.4553251	4.57E-01	1.10E+02		53	0.3617643		61	0.41637		10	0.068257		5	3.41287E-05		27	0.000184295		77	0.00052558		194	0.001324
36.19972	1064	0.4515252	4.53E-01	1.09E+02		53	0.3587639		61	0.412917		10	0.067691		5	3.38457E-05		27	0.000182767		77	0.00052122		194	0.001313
36.26639	1068	0.4477843	4.50E-01	1.08E+02		53	0.3557728		61	0.409474		10	0.067127		5	3.35635E-05		27	0.000181243		77	0.00051688		194	0.001302
36.33306	1072	0.4441488	4.46E-01	1.07E+02		53	0.3528546		61	0.406116		10	0.066576		5	3.32882E-05		27	0.000179756		77	0.00051264		194	0.001292
36.39972	1076	0.4405625	4.42E-01	1.06E+02		53	0.3500054		61	0.402838		10	0.066039		5	3.30194E-05		27	0.000178305		77	0.0005085		194	0.001281
36.46639	1080	0.4370217	4.39E-01	1.05E+02		53	0.3471858		61	0.399591		10	0.065507		5	3.27534E-05		27	0.000176868		77	0.0005044		194	0.001271
36.53305	1084	0.4336363	4.35E-01	1.04E+02		53	0.3444457		61	0.396438		10	0.06499		5	3.24949E-05		27	0.000175472		77	0.00050042		194	0.001261
36.59972	1088	0.4302413	4.32E-01	1.04E+02		53	0.3417833		61	0.39335		10	0.064484		5	3.22416E-05		27	0.000174106		77	0.00049652		194	0.001251
36.66639	1092	0.4270086	4.29E-01	1.03E+02		53	0.3391413		61	0.390332		10	0.063989		5	3.19945E-05		27	0.00017277		77	0.00049271		194	0.001241
36.73306	1096	0.423883	4.25E-01	1.02E+02		53	0.3366179		61	0.387428		10	0.063513		5	3.17569E-05		27	0.000171485		77	0.00048905		194	0.001232
36.79972	1100	0.4207855	4.22E-01	1.01E+02		53	0.3341599		61	0.384599		10	0.063049		5	3.15245E-05		27	0.000170232		77	0.00048548		194	0.001223
36.86639	1104	0.4177259	4.19E-01	1.01E+02		53	0.331732		61	0.381805		10	0.062591		5	3.12955E-05		27	0.000168996		77	0.00048195		194	0.001214
36.93306	1108	0.4146599	4.16E-01	9.99E+01		53	0.3293046		61	0.379011		10	0.062133		5	3.10665E-05		27	0.000167759		77	0.00047842		194	0.001205
36.99972	1112	0.4116232	4.13E-01	9.92E+01		53	0.3268903		61	0.376232		10	0.061677		5	3.08387E-05		27	0.000166529		77	0.00047492		194	0.001197
37.06639	1116	0.408627	4.10E-01	9.84E+01		53	0.3245036		61	0.373485		10	0.061227		5	3.06135E-05		27	0.000165313		77	0.00047145		194	0.001188
37.13306	1120	0.4057375	4.07E-01	9.77E+01		53	0.3221751		61	0.370805		10	0.060788		5	3.03939E-05		27	0.000164127		77	0.00046807		194	0.001179
37.19972	1124	0.4027371	4.04E-01	9.70E+01		53	0.319845		61	0.368123		10	0.060348		5	3.01741E-05		27	0.00016294		77	0.00046468		194	0.001171
37.26639	1128	0.3997018	4.01E-01	9.63E+01		53	0.3174572		61	0.365375		10	0.059898		5	2.99488E-05		27	0.000161723		77	0.00046121		194	0.001162
37.33306	1132	0.3965854	3.98E-01	9.56E+01		53	0.3150235		61	0.362574		10	0.059438		5	2.97192E-05		27	0.000160484		77	0.00045768		194	0.001153
37.39972	1136	0.3934703	3.95E-01	9.48E+01		53	0.3125582		61	0.359737		10	0.058973		5	2.94866E-05		27	0.000159228		77	0.00045409		194	0.001144
37.46639	1140	0.3902729	3.92E-01	9.40E+01		53	0.3100609		61	0.356863		10	0.058502		5	2.9251E-05		27	0.000157956		77	0.00045047		194	0.001135
37.53305	1144	0.3870167	3.89E-01	9.33E+01		53	0.3075077		61	0.353924		10	0.05802		5	2.90102E-05		27	0.000156655		77	0.00044676		194	0.001126
37.59972	1148	0.3836875	3.85E-01	9.25E+01		53	0.3049025		61	0.350925		10	0.057529		5	2.87644E-05		27	0.000155328		77	0.00044297		194	0.001116
37.66639	1152	0.3803016	3.82E-01	9.17E+01		53	0.3022459		61	0.347868		10	0.057028		5	2.85138E-05		27	0.000153974		77	0.00043911		194	0.001106
37.73306	1156	0.3768157	3.79E-01	9.09E+01		53	0.2995273		61	0.344739		10	0.056515		5	2.82573E-05		27	0.000152589		77	0.00043516		194	0.001096
37.79972	1160	0.3732653	3.75E-01	9.00E+01		53	0.2967436		61	0.341535		10	0.055989		5	2.79947E-05		27	0.000151171		77	0.00043112		194	0.001086
37.86639	1164	0.3696947	3.71E-01	8.92E+01		53	0.2939264		61	0.338293		10	0.055458		5	2.77289E-05		27	0.000149736		77	0.00042703		194	0.001076
37.93306	1168	0.366262	3.68E-01	8.83E+01		53	0.2911558		61	0.335104		10	0.054935		5	2.74675E-05		27	0.000148325		77	0.000423		194	0.001066
37.99972	1172	0.3628166	3.65E-01	8.75E+01		53	0.2884347		61	0.331972		10	0.054422		5	2.72108E-05		27	0.000146938		77	0.00041905		194	0.001056
38.06639	1176	0.3593202	3.61E-01	8.67E+01		53	0.2856884		61	0.328811		10	0.053903		5	2.69517E-05		27	0.000145539		77	0.00041506		194	0.001046
38.13306	1180	0.3560534	3.58E-01	8.58E+01		53	0.2830128		61	0.325732		10	0.053399		5	2.66993E-05		27	0.000144176		77	0.00041117		194	0.001036
38.19972	1184	0.352526	3.54E-01	8.50E+01		53	0.2803249		61	0.322638		10	0.052891		5	2.64457E-05		27	0.000142807		77	0.00040726		194	0.001026
38.26639	1188	0.3489134	3.51E-01	8.42E+01		53	0.2775002		61	0.319387		10	0.052359		5	2.61793E-05		27	0.000141368		77	0.00040316		194	0.001016
38.33306	1192	0.3453859	3.47E-01	8.33E+01		53	0.2746755		61	0.316136		10	0.051826		5	2.59128E-05		27	0.000139929		77	0.00039906		194	0.001005
38.39972	1196	0.3415953	3.43E-01	8.24E+01		53	0.2717803		61	0.312804		10	0.051279		5	2.56397E-05		27	0.000138454		77	0.00039485		194	0.000995
38.46639	1200	0.3381592	3.40E-01	8.16E+01		53	0.2689214		61	0.309513		10	0.05074		5	2.53699E-05		27	0.000136998		77	0.0003907		194	0.000984
38.53305	1204	0.3347399	3.36E-01	8.07E+01		53	0.2662092		61	0.306392		10	0.050228		5	2.51141E-05		27	0.000135616		77	0.00038676		194	0.000974
38.59972	1208	0.3311101	3.33E-01	7.99E+01		53	0.2634205		61	0.303182		10	0.049702		5	2.4851E-05		27	0.000134195		77	0.00038271		194	0.000964
38.66639	1212	0.3274057	3.29E-01	7.90E+01		53	0.260519		61	0.299843		10	0.049155		5	2.45773E-05		27	0.000132717		77	0.00037849		194	0.000954
38.73306	1216	0.323622	3.26E-01	7.81E+01		53	0.2575568		61	0.296433		10	0.048596		5	2.42978E-05		27	0.000131208		77	0.00037419		194	0.000943
38.79972	1220	0.3196528	3.22E-01	7.72E+01		53	0.2544894		61	0.292903		10	0.048017		5	2.40084E-05		27	0.000129646		77	0.00036973		194	0.000932
38.86639	1224	0.3155688	3.18E-01	7.62E+01		53	0.2513035		61	0.289236		10	0.047416		5	2.37079E-05		27	0.000128023		77	0.0003651		194	0.00092
38.93306	1228	0.3113636	3.13E-01	7.52E+01		53	0.2480241		61	0.285462		10	0.046797		5	2.33985E-05		27	0.000126352		77	0.00036034		194	0.000908
38.99972	1232	0.3069757	3.09E-01	7.42E+01		53	0.2446246		61	0.281549		10	0.046156		5	2.30778E-05		27	0.00012462		77	0.0003554		194	0.000895
39.06639	1236	0.3023872	3.05E-01	7.31E+01		53	0.2410734		61	0.277462		10	0.045486		5	2.27428E-05		27	0.000122811		77	0.00035024		194	0.000882
39.13306	1240	0.2978121	3.00E-01	7.20E+01		53	0.2374481		61	0.273289		10	0.044802		5	2.24008E-05		27	0.000120964		77	0.00034497		194	0.000869
39.19972	1244	0.2930292	2.95E-01	7.09E+01		53	0.2337459		61	0.269028		10	0.044103		5	2.20515E-05		27	0.000119078		77	0.00033959		194	0.000856
39.26639	1248	0.2881365	2.91E-01	6.97E+01		53	0.2299181		61	0.264623		10	0.043381		5	2.16904E-05		27	0.000117128		77	0.00033403		194	0.000842
39.33306	1252	0.2831306	2.86E-01	6.86E+01		53	0.2260021		61	0.260116		10	0.042642		5	2.13209E-05		27	0.000115133		77	0.00032834		194	0.000827
39.39972	1256	0.2781296	2.81E-01	6.74E+01		53	0.2220433		61	0.255559		10	0.041895		5	2.09475E-05		27	0.000113116		77	0.00032259		194	0.000813
39.46639	1260	0.2731127	2.76E-01	6.61E+01		53	0.21808		61	0.250998		10	0.041147		5	2.05736E-05		27	0.000111097		77	0.00031683		194	0.000798
39.53305	1264	0.2680808	2.71E-01	6.49E+01		53	0.2141045		61	0.246422		10	0.040397		5	2.01985E-05		27	0.000109072		77	0.00031106		194	0.000784
39.59972	1268	0.2630699	2.66E-01	6.37E+01		53	0.2101314		61	0.241849		10	0.039647		5	1.98237E-05		27	0.000107048		77	0.00030529		194	0.000769
39.66639	1272	0.2581356	2.61E-01	6.25E+01		53	0.2061969		61	0.237321		10	0.038905		5	1.94525E-05		27	0.000105044		77	0.00029957		194	0.000755

Conduit CSO 1005

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
1.79E+06	21.53	534.95	921.90	104.25	0.06	0.39	0.96	2.49

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
39.73306	1276	0.2532116	2.56E-01	6.14E+01		53	0.2022968		61	0.232832		10	0.038169		5	1.90846E-05		27	0.000103057		77	0.0002939		194	0.00074
39.79972	1280	0.2483149	2.51E-01	6.02E+01		53	0.1984116		61	0.228361		10	0.037436		5	1.87181E-05		27	0.000101078		77	0.00028826		194	0.000726
39.86639	1284	0.2435868	2.46E-01	5.90E+01		53	0.1946047		61	0.223979		10	0.036718		5	1.83589E-05		27	9.91382E-05		77	0.00028273		194	0.000712
39.93306	1288	0.2388534	2.41E-01	5.79E+01		53	0.1908616		61	0.219671		10	0.036012		5	1.80058E-05		27	9.72314E-05		77	0.00027729		194	0.000699
39.93306	1292	0.2388534	2.39E-01	5.73E+01		53	0.1889682		61	0.217515		10	0.035658		5	1.78291E-05		27	9.6277E-05		77	0.00027457		194	0.000692
	1296		1.19E-01	2.87E+01		53	0.0944941		61	0.108757		10	0.017829		5	8.91454E-06		27	4.81385E-05		77	0.00013728		194	0.000346

Conduit CSO 1006

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
3.34E+04	5.87	83.14	294.70	18.25	0.01	0.11	0.20	0.58

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
20.46639	0	1.65E-02			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
20.53306	4	0.2222796	1.19E-01	2.87E+01		80	0.14257581		761.5	1.357144		36.5	0.06505		7.5	1.33665E-05		172.5	0.000307		283.5	0.000505253		639	0.001139
20.59972	8	0.549368	3.86E-01	9.26E+01		80	0.46079348		761.5	4.386178		36.5	0.210237		7.5	4.31994E-05		172.5	0.000994		283.5	0.001632937		639	0.003681
20.66639	12	0.7868336	6.68E-01	1.60E+02		80	0.7979199		761.5	7.5952		36.5	0.364051		7.5	7.4805E-05		172.5	0.001721		283.5	0.002827629		639	0.006373
20.73306	16	0.9696806	8.78E-01	2.11E+02	69	58	1.04891181	451	358.5	9.984329	24	17.5	0.478566	4	5.5	9.83355E-05	130	107	0.002262	198	147.5	0.003717081	446	410.5	0.008378
20.79972	20	1.139073	1.05E+00	2.53E+02		58	0.91295875		358.5	5.64303		17.5	0.275462		5.5	8.65737E-05		107	0.001684		147.5	0.002321749		410.5	0.008462
20.86639	24	1.284241	1.21E+00	2.91E+02		58	1.04914378		358.5	6.484794		17.5	0.316552		5.5	9.94878E-05		107	0.001935		147.5	0.002668081		410.5	0.007425
20.93306	28	1.41449	1.35E+00	3.24E+02	47	42	1.16838216	266	238.5	7.22181	11	9.5	0.352529	7	5.5	0.000110795	84	69.5	0.002155	97	90.5	0.002971317	375	307	0.008269
20.99972	32	1.540587	1.48E+00	3.55E+02		42	0.92643599		238.5	5.260833		9.5	0.209551		5.5	0.000121319		69.5	0.001533		90.5	0.001996249		307	0.006772
21.06639	36	1.656868	1.60E+00	3.84E+02		42	1.00242308		238.5	5.692331		9.5	0.226739		5.5	0.00013127		69.5	0.001659		90.5	0.002159963		307	0.007327
21.13305	40	1.75345	1.71E+00	4.09E+02		42	1.06915702		238.5	6.071285		9.5	0.241833		5.5	0.000140009		69.5	0.001769		90.5	0.002303779		307	0.007815
21.19972	44	1.8376	1.80E+00	4.31E+02	37	32	1.12581769	211	192.5	6.393036	8	7	0.254649	4	3.5	0.000147429	55	57	0.001863	84	101.5	0.002425869	239	258.5	0.008229
21.26639	48	1.918778	1.88E+00	4.51E+02		32	0.89725645		192.5	5.397558		7	0.196275		3.5	9.81374E-05		57	0.001598		101.5	0.002845985		258.5	0.007248
21.33306	52	1.992323	1.96E+00	4.69E+02		32	0.93421392		192.5	5.619881		7	0.204359		3.5	0.00010218		57	0.001664		101.5	0.00296321		258.5	0.007547
21.39972	56	2.054994	2.02E+00	4.86E+02		32	0.96675076		192.5	5.81561		7	0.211477		3.5	0.000105738		57	0.001722		101.5	0.003068413		258.5	0.00781
21.46639	60	2.110711	2.08E+00	5.00E+02	27	32	0.99502917	174	166.5	5.985722	6	7	0.217663	3	2	0.000108831	59	70.5	0.001772	119	102	0.003156108	278	310	0.008038
21.53306	64	2.15818	2.13E+00	5.12E+02		32	1.01919868		166.5	5.303018		7	0.22295		2	6.36999E-05		70.5	0.002245		102	0.003248696		310	0.009873
21.59972	68	2.192778	2.17E+00	5.22E+02		32	1.03880138		166.5	5.405013		7	0.227238		2	6.49251E-05		70.5	0.002289		102	0.003311179		310	0.010083
21.66639	72	2.221578	2.21E+00	5.30E+02		32	1.05442248		166.5	5.486292		7	0.230655		2	6.59014E-05		70.5	0.002323		102	0.003360972		310	0.010215
21.73306	76	2.250942	2.24E+00	5.37E+02	37	37.5	1.06831566	159	138	5.55858	8	7	0.233694	1	3.5	6.67697E-05	82	65.5	0.002354	85	81.5	0.003405256	342	325.5	0.010349
21.79972	80	2.27409	2.26E+00	5.43E+02		37.5	1.26663139		138	4.661204		7	0.236438		3.5	0.000118219		65.5	0.002212		81.5	0.002752812		325.5	0.010994
21.86639	84	2.293663	2.28E+00	5.48E+02		37.5	1.27858971		138	4.70521		7	0.23867		3.5	0.000119335		65.5	0.002233		81.5	0.002778802		325.5	0.011098
21.93306	88	2.320417	2.31E+00	5.54E+02		37.5	1.2915574		138	4.752931		7	0.241091		3.5	0.000120545		65.5	0.002256		81.5	0.002808985		325.5	0.011211
21.99972	92	2.339118	2.33E+00	5.59E+02	38	29	1.30428101	117	110.5	4.799754	6	5.5	0.243466	6	8	0.000121733	49	36	0.002278	78	66	0.002834637	309	264	0.011321
22.06639	96	2.357958	2.35E+00	5.64E+02		29	1.01677044		110.5	3.874246		5.5	0.192836		8	0.000280488		36	0.001262		66	0.002314029		264	0.009256
22.13305	100	2.367985	2.36E+00	5.67E+02		29	1.02301924		110.5	3.898056		5.5	0.194021		8	0.000282212		36	0.00127		66	0.002328251		264	0.009313
22.19972	104	2.368064	2.37E+00	5.68E+02	20	28	1.02520687	104	111	3.906392	5	6	0.194436	10	7.5	0.000282816	23	37	0.001273	54	50	0.002333229	219	258	0.009333
22.26639	108	2.362761	2.37E+00	5.68E+02		28	0.98876307		111	3.919739		6	0.211878		7.5	0.000284847		37	0.001307		50	0.001765648		258	0.009111
22.33306	112	2.346517	2.35E+00	5.65E+02		28	0.98425966		111	3.901886		6	0.210913		7.5	0.000283641		37	0.001301		50	0.001757607		258	0.009069
22.39972	116	2.333175	2.34E+00	5.62E+02		28	0.97807605		111	3.877373		6	0.209588		7.5	0.000281985		37	0.001292		50	0.001746564		258	0.009012
22.46639	120	2.302104	2.32E+00	5.56E+02	36	35	0.96879354	118	142.5	3.840574	7	8	0.207599	5	5	0.000259498	51	53	0.00128	46	51.5	0.001729988	297	258	0.008927
22.53306	124	2.277666	2.29E+00	5.50E+02		35	1.1964899		142.5	4.871423		8	0.273483		5	0.000170927		53	0.001812		51.5	0.001760549		258	0.00882
22.59972	128	2.251957	2.26E+00	5.44E+02		35	1.18338872		142.5	4.818083		8	0.270489		5	0.000169056		53	0.001792		51.5	0.001741272		258	0.008723
22.66639	132	2.234977	2.24E+00	5.38E+02		35	1.17223599		142.5	4.772675		8	0.26794		5	0.000167462		53	0.001775		51.5	0.001724862		258	0.008641
22.73306	136	2.21766	2.23E+00	5.34E+02	34	29.5	1.16327571	167	126.5	4.736194	9	8	0.265892	5	4	0.000166182	55	56.5	0.001762	57	60.5	0.001711677	219	235.5	0.008575
22.79972	140	2.199097	2.21E+00	5.30E+02		29.5	0.97257443		126.5	4.170531		8	0.263749		4	0.000131874		56.5	0.001863		60.5	0.001994602		235.5	0.007764
22.86639	144	2.187843	2.19E+00	5.26E+02		29.5	0.96600869		126.5	4.142376		8	0.261968		4	0.000130984		56.5	0.00185		60.5	0.001981136		235.5	0.007712
22.93306	148	2.165085	2.18E+00	5.22E+02		29.5	0.95851922		126.5	4.11026		8	0.259937		4	0.000129969		56.5	0.001836		60.5	0.001965777		235.5	0.007652
22.99972	152	2.147929	2.16E+00	5.18E+02	25	27.5	0.94973011	86	107.5	4.072572	7	8	0.257554	3	3	0.000128777	58	59.5	0.001819	64	64.5	0.001947752	252	277	0.007582
23.06639	156	2.132148	2.14E+00	5.14E+02		27.5	0.87858058		107.5	3.434451		8	0.255587		3	9.58452E-05		59.5	0.001901		64.5	0.002060671		277	0.00885
23.13305	160	2.105367	2.12E+00	5.09E+02		27.5	0.86984379		107.5	3.400298		8	0.253045		3	9.4892E-05		59.5	0.001882		64.5	0.002040179		277	0.008762
23.19972	164	2.08494	2.10E+00	5.03E+02		27.5	0.8601533		107.5	3.362417		8	0.250226		3	9.38349E-05		59.5	0.001861		64.5	0.00201745		277	0.008664
23.26639	168	2.064902	2.07E+00	4.98E+02	30	40.5	0.85184696	129	118	3.329947	9	9.5	0.24781	3	4	9.29288E-05	61	54	0.001843	65	64	0.001997968	302	269	0.00858
23.33306	172	2.035705	2.05E+00	4.92E+02		40.5	1.23965403		118	3.611831		9.5	0.290783		4	0.000122435		54	0.001653		64	0.001958959		269	0.008234
23.39972	176	2.006153	2.02E+00	4.85E+02		40.5	1.22189363		118	3.560085		9.5	0.286617		4	0.000120681		54	0.001629		64	0.001930894		269	0.008116
23.46639	180	1.982808	1.99E+00	4.79E+02	51	47	1.20590234	107	114	3.513493	10	9	0.282866	5	7	0.000119101	47	48	0.001608	63	102.5	0.001905823	236	271	0.00801
23.53306	184	1.96115	1.97E+00	4.73E+02		47	1.38365388		114	3.356097		9	0.264955		7	0.000206076		48	0.001413		102.5	0.003017543		271	0.007978
23.59972	188	1.940652	1.95E+00	4.68E+02		47	1.36886434		114	3.320224		9	0.262123		7	0.000203873		48	0.001398		102.5	0.002985289		271	0.007893
23.66639	192	1.917023	1.93E+00	4.63E+02		47	1.35338332		114	3.282674		9	0.259159		7	0.000201568		48	0.001382		102.5	0.002951527		271	0.007804
23.73306	196	1.894282	1.91E+00	4.57E+02		47	1.33711539		114	3.243216		9	0.256043	9	7	0.000199145	49	42	0.001366	142	140.5	0.00291805	306	294	0.00771
23.79972	200	1.871714	1.88E+00	4.52E+02		47	1.32121969		114	3.204661		9	0.253		7	0.000196777		42	0.001181		140.5	0.003949604		294	0.008265
23.86639	204	1.848373	1.86E+00	4.46E+02		47	1.30511349		114	3.165594		9	0.249915		7	0.000194379		42	0.001166		140.5	0.003901456		294	0.008164
23.93306	208	1.826843	1.84E+00	4.41E+02		47	1.28937145		114	3.127412		9	0.246901		7	0.000192034		42	0.001152		140.5	0.003854398		294	0.008065
23.99972	212	1.805593	1.82E+00	4.36E+02		47	1.274363		114	3.091008		9	0.244027		7	0.000189799		42	0.001139		140.5	0.003809532		294	0.007972
24.06639	216	1.784734	1.80E+00	4.31E+02		47	1.25958995		114	3.055176		9	0.241198		7	0.000187599		42	0.001126		140.5	0.00376537		294	0.007879

Conduit CSO 1006

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
3.34E+04	5.67	83.14	294.70	18.25	0.01	0.11	0.20	0.58

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
24.13305	220	1.761733	1.77E+00	4.26E+02			47 1.2442026			114 3.017853			9 0.238252			7 0.000185307			42 0.001112			140.5 0.003719372			294 0.007783
24.19972	224	1.734937	1.75E+00	4.20E+02			47 1.22673238			114 2.975479			9 0.234906	5		4 0.000182705	35		37.5 0.001096	139		120.5 0.003667147	282		252.5 0.007674
24.26639	228	1.709665	1.72E+00	4.13E+02			47 1.20846543			114 2.931171			9 0.231408			4 0.000102648			37.5 0.000964			120.5 0.0030983			252.5 0.006492
24.33306	232	1.683957	1.70E+00	4.07E+02			47 1.19058018			114 2.88779			9 0.227983			4 0.000101326			37.5 0.00095			120.5 0.003052445			252.5 0.006396
24.39972	236	1.653961	1.67E+00	4.01E+02			47 1.17104463			114 2.840406			9 0.224243			4 9.96834E-05			37.5 0.000934			120.5 0.003002359			252.5 0.006291
24.46639	240	1.618668	1.64E+00	3.93E+02	43		48 1.14813937	121		91 2.784849	8		9 0.219856	3		4 9.7714E-05	40		37.5 0.000916	102		120.5 0.002943634	223		252.5 0.006168
24.53306	244	1.588204	1.60E+00	3.85E+02			48 1.14900042			91 2.178313			9 0.215438			4 9.575E-05			37.5 0.000898			120.5 0.00286447			252.5 0.006044
24.59972	248	1.555512	1.57E+00	3.77E+02			48 1.12637206			91 2.135414			9 0.211195			4 9.38643E-05			37.5 0.00088			120.5 0.002827663			252.5 0.005925
24.66639	252	1.523801	1.54E+00	3.70E+02			48 1.1032969			91 2.091667			9 0.206868			4 9.19414E-05			37.5 0.000862			120.5 0.002769735			252.5 0.005804
24.73306	256	1.488986	1.51E+00	3.62E+02			48 1.07946109			91 2.046478			9 0.202399	5		5 8.99551E-05	35		35 0.000843	139		139 0.002709897	282		282 0.005678
24.79972	260	1.448276	1.47E+00	3.52E+02			48 1.05240171			91 1.995178			9 0.197325			5 0.000109825			35 0.000767			139 0.00304758			282 0.006183
24.86639	264	1.410649	1.43E+00	3.43E+02			48 1.02433409			91 1.941967			9 0.192063			5 0.000106701			35 0.000747			139 0.002966301			282 0.006018
24.93306	268	1.368377	1.39E+00	3.33E+02			48 0.99570611			91 1.887693			9 0.186895			5 0.000103719			35 0.000726			139 0.002883399			282 0.00585
24.99972	272	1.320762	1.34E+00	3.23E+02			48 0.96350021			91 1.826636			9 0.180656	5		5 0.000100365	35		35 0.000703	139		139 0.002790136	282		282 0.005661
25.06639	276	1.271109	1.30E+00	3.11E+02			48 0.92864975			91 1.760565			9 0.174122			5 9.67343E-05			35 0.000677			139 0.002689215			282 0.005456
25.13305	280	1.119266	1.20E+00	2.87E+02			48 0.8564551			91 1.623696			9 0.160585			5 8.92141E-05			35 0.000624			139 0.002480151			282 0.005032
25.19972	284	1.075379	1.10E+00	2.63E+02			48 0.78632637			91 1.490744			9 0.147436	5		4 8.1909E-05	35		33.5 0.000573	139		96 0.00227707	282		215 0.00462
25.26639	288	1.032835	1.05E+00	2.53E+02			48 0.75535873			91 1.432034			9 0.14163			4 6.29466E-05			33.5 0.000527			96 0.001510717			215 0.003383
25.33306	292	0.9840926	1.01E+00	2.42E+02			48 0.72265144			91 1.370027			9 0.135497			4 6.0221E-05			33.5 0.000504			96 0.001445303			215 0.003237
25.39972	296	0.938763	9.61E-01	2.31E+02			48 0.68894608			91 1.306127			9 0.129177			4 5.74122E-05			33.5 0.000481			96 0.001377892			215 0.003086
25.46639	300	0.8940844	9.16E-01	2.20E+02	53		53 0.65669675	61		61 1.244988	10		10 0.123131	3		4 5.47247E-05	32		29.5 0.000458	53		65 0.001313394	148		171 0.002941
25.53306	304	0.8463374	8.70E-01	2.09E+02			53 0.68853767			61 0.792468			10 0.129913			4 5.19651E-05			29.5 0.000383			65 0.000844433			171 0.002222
25.59972	308	0.7986907	8.23E-01	1.97E+02			53 0.65079846			61 0.749032			10 0.122792			4 4.91189E-05			29.5 0.000362			65 0.000796149			171 0.0021
25.66639	312	0.7376706	7.68E-01	1.84E+02			53 0.60780626			61 0.699553			10 0.114681			4 4.58723E-05			29.5 0.000338			65 0.000745425			171 0.001961
25.73306	316	0.6847395	7.01E-01	1.68E+02			53 0.55481512			61 0.638561			10 0.104682	5		5 4.18728E-05	27		27 0.000309	77		77 0.000680434	194		194 0.00179
25.79972	320	0.5903753	6.28E-01	1.51E+02			53 0.49654275			61 0.571493			10 0.093687			5 4.68437E-05			27 0.000253			77 0.000721392			194 0.001818
25.86639	324	0.509824	5.50E-01	1.32E+02			53 0.43525579			61 0.500955			10 0.082124			5 4.10619E-05			27 0.000222			77 0.000632353			194 0.001593
25.93306	328	0.4289133	4.69E-01	1.13E+02			53 0.37137894			61 0.427436			10 0.070071			5 3.50357E-05			27 0.000189			77 0.000539551			194 0.001359
25.99972	332	0.3441808	3.87E-01	9.28E+01			53 0.30584794			61 0.352014			10 0.057707			5 2.88536E-05			27 0.000156			77 0.000444345			194 0.00112
26.06639	336	0.2620306	3.03E-01	7.27E+01			53 0.23982657			61 0.276027			10 0.04525			5 2.26251E-05			27 0.000122			77 0.000348427			194 0.000878
26.13305	340	0.1720144	2.17E-01	5.21E+01			53 0.17171489			61 0.197834			10 0.032399			5 1.61995E-05			27 8.75E-05			77 0.000249473			194 0.000629
26.19972	344	8.17E-02	1.27E-01	3.04E+01			53 0.10037945			61 0.115531			10 0.01894	5		5 9.46976E-06	27		27 5.11E-05	77		77 0.000145834	194		194 0.000367
26.26639	348	2.62E-02	5.39E-02	1.29E+01			53 0.0426783			61 0.04912			10 0.008053			5 4.02625E-06			27 2.17E-05			77 6.20043E-05			194 0.000156
26.33306	352	1.34E-03	1.38E-02	3.30E+00			53 0.0108797			61 0.012522			10 0.002053			5 1.02639E-06			27 5.54E-06			77 1.58064E-05			194 3.98E-05
	356		6.69E-04	1.61E-01			53 0.0005293			61 0.000609			10 9.99E-05			5 4.9934E-08			27 2.7E-07			77 7.68983E-07			194 1.94E-06

Conduit CSO 1008

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.63E+04	4.33	58.68	219.44	13.07	0.01	0.09	0.13	0.45

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
20.33306	0	1.49E-02			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
20.39972	4	5.92E-02	3.70E-02	8.89E+00		80	0.04422981		761.5	0.421012		36.5	0.02018		7.5	4.14654E-06		172.5	9.54E-05		283.5	0.000157		639	0.000353
20.46639	8	0.1367345	9.80E-02	2.35E+01		80	0.11699316		761.5	1.113629		36.5	0.053378		7.5	1.09681E-05		172.5	0.000252		283.5	0.000415		639	0.000934
20.53306	12	0.2079473	1.72E-01	4.14E+01		80	0.20582857		761.5	1.959231		36.5	0.093909		7.5	1.92964E-05		172.5	0.000444		283.5	0.000729		639	0.001644
20.59972	16	0.2797007	2.44E-01	5.85E+01	69	58	0.2912016	451	358.5	2.771875	24	17.5	0.132861	4	5.5	2.73002E-05	130	107	0.000628	198	147.5	0.001032	446	410.5	0.002326
20.66639	20	0.3518742	3.16E-01	7.58E+01		58	0.27343253		358.5	1.690096		17.5	0.082501		5.5	2.59289E-05		107	0.000504		147.5	0.000695		410.5	0.001935
20.73306	24	0.4249861	3.88E-01	9.32E+01		58	0.33633204		358.5	2.07888		17.5	0.101479		5.5	3.18936E-05		107	0.00062		147.5	0.000855		410.5	0.00238
20.79972	28	0.4821129	4.59E-01	1.10E+02	47	42	0.39704665	266	238.5	2.454159	11	9.5	0.119799	7	5.5	3.7651E-05	84	69.5	0.000732	97	90.5	0.00101	375	307	0.00281
20.86639	32	0.5502766	5.21E-01	1.25E+02		42	0.32679593		238.5	1.855734		9.5	0.073918		5.5	4.27947E-05		69.5	0.000541		90.5	0.000704		307	0.002389
20.93306	36	0.6026849	5.76E-01	1.38E+02		42	0.36146098		238.5	2.052582		9.5	0.081759		5.5	4.73342E-05		69.5	0.000598		90.5	0.000779		307	0.002642
20.99972	40	0.6563044	6.29E-01	1.51E+02		42	0.39470139		238.5	2.24134		9.5	0.089278		5.5	5.16871E-05		69.5	0.000653		90.5	0.00085		307	0.002885
21.06639	44	0.7186832	6.87E-01	1.65E+02	37	32	0.43106761	211	192.5	2.447848	8	7	0.097503	4	3.5	5.64493E-05	55	57	0.000713	84	101.5	0.000929	239	258.5	0.003151
21.13305	48	0.7995734	7.59E-01	1.82E+02		32	0.36265401		192.5	2.181591		7	0.079331		3.5	3.96653E-05		57	0.000646		101.5	0.00115		258.5	0.00293
21.19972	52	0.9158227	8.58E-01	2.06E+02		32	0.40974317		192.5	2.464861		7	0.089631		3.5	4.48157E-05		57	0.00073		101.5	0.0013		258.5	0.00331
21.26639	56	1.064581	9.90E-01	2.38E+02		32	0.47304345		192.5	2.845652		7	0.103478		3.5	5.17391E-05		57	0.000843		101.5	0.0015		258.5	0.003821
21.33306	60	1.254793	1.16E+00	2.78E+02	27	32	0.55401062	174	166.5	3.33272	6	7	0.12119	3	2	6.05949E-05	59	70.5	0.000987	119	102	0.001757	278	310	0.004475
21.39972	64	1.485678	1.37E+00	3.29E+02		32	0.65459474		166.5	3.405938		7	0.143193		2	4.09122E-05		70.5	0.001442		102	0.002087		310	0.006341
21.46639	68	1.718273	1.60E+00	3.84E+02		32	0.76530256		166.5	3.981965		7	0.16741		2	4.78314E-05		70.5	0.001686		102	0.002439		310	0.007414
21.53306	72	1.920211	1.82E+00	4.37E+02		32	0.86909604		166.5	4.522015		7	0.190115		2	5.43185E-05		70.5	0.001915		102	0.00277		310	0.008419
21.59972	76	2.084036	2.00E+00	4.81E+02	37	37.5	0.95646297	159	138	4.976596	8	7	0.209226	1	3.5	5.97789E-05	82	65.5	0.002107	85	81.5	0.003049	342	325.5	0.009266
21.66639	80	2.237723	2.16E+00	5.19E+02		37.5	1.20973191		138	4.451813		7	0.225817		3.5	0.000112908		65.5	0.002113		81.5	0.002629		325.5	0.0105
21.73306	84	2.374141	2.31E+00	5.53E+02		37.5	1.29093711		138	4.750649		7	0.240975		3.5	0.000120487		65.5	0.002255		81.5	0.002808		325.5	0.011205
21.79972	88	2.502912	2.44E+00	5.85E+02		37.5	1.3651679		138	5.023818		7	0.254831		3.5	0.000127416		65.5	0.002384		81.5	0.002967		325.5	0.01185
21.86639	92	2.623531	2.56E+00	6.15E+02	38	29	1.43497629	117	110.5	5.280713	6	5.5	0.267862	6	8	0.000133931	49	36	0.002506	78	66	0.003119	309	264	0.012456
21.93306	96	2.73972	2.68E+00	6.44E+02		29	1.16097654		110.5	4.423721		5.5	0.220185		8	0.000320269		36	0.001441		66	0.002642		264	0.010569
21.99972	100	2.855632	2.80E+00	6.71E+02		29	1.21121917		110.5	4.615163		5.5	0.229714		8	0.000334129		36	0.001504		66	0.002757		264	0.011026
22.06639	104	2.9653	2.91E+00	6.99E+02	20	28	1.2600502	104	111	4.801226	5	6	0.238975	10	7.5	0.0003476	23	37	0.001564	54	50	0.002868	219	258	0.011471
22.13305	108	3.05955	3.01E+00	7.23E+02		28	1.25921995		111	4.991908		6	0.269833		7.5	0.000337291		37	0.001664		50	0.002249		258	0.011603
22.19972	112	3.134974	3.10E+00	7.43E+02		28	1.29468255		111	5.132492		6	0.277432		7.5	0.00034679		37	0.001711		50	0.002312		258	0.01193
22.26639	116	3.18021	3.16E+00	7.58E+02		28	1.31990102		111	5.232465		6	0.282836		7.5	0.000353545		37	0.001744		50	0.002357		258	0.012162
22.33306	120	3.201291	3.19E+00	7.66E+02	36	35	1.33376156	118	142.5	5.287412	7	8	0.285806	5	5	0.000357258	51	53	0.001762	46	51.5	0.002382	297	258	0.01229
22.39972	124	3.196129	3.20E+00	7.68E+02		35	1.67136088		142.5	6.804826		8	0.382025		5	0.000238766		53	0.002531		51.5	0.002459		258	0.01232
22.46639	128	3.170274	3.18E+00	7.64E+02		35	1.66325752		142.5	6.771834		8	0.380173		5	0.000237608		53	0.002519		51.5	0.002447		258	0.012261
22.53306	132	3.129306	3.15E+00	7.56E+02		35	1.64579965		142.5	6.700756		8	0.376183		5	0.000235114		53	0.002492		51.5	0.002422		258	0.012132
22.59972	136	3.074017	3.10E+00	7.44E+02	34	29.5	1.62065198	167	126.5	6.598369	9	8	0.370435	5	4	0.000231522	55	56.5	0.002454	57	60.5	0.002385	219	235.5	0.011947
22.66639	140	3.002763	3.04E+00	7.29E+02		29.5	1.3381132		126.5	5.738011		8	0.362878		4	0.000181439		56.5	0.002563		60.5	0.002744		235.5	0.010682
22.73306	144	2.92833	2.97E+00	7.12E+02		29.5	1.30603277		126.5	5.600446		8	0.354178		4	0.000177089		56.5	0.002501		60.5	0.002678		235.5	0.010426
22.79972	148	2.852578	2.89E+00	6.94E+02		29.5	1.27296188		126.5	5.458633		8	0.34521		4	0.000172605		56.5	0.002436		60.5	0.002611		235.5	0.010162
22.86639	152	2.776839	2.81E+00	6.76E+02	25	27.5	1.23960341	86	107.5	5.315587	7	8	0.336164	3	3	0.000168082	58	59.5	0.002374	64	64.5	0.002542	252	277	0.009896
22.93306	156	2.700729	2.74E+00	6.57E+02		27.5	1.12439213		107.5	4.395351		8	0.327096		3	0.000122661		59.5	0.002433		64.5	0.002637		277	0.011326
22.99972	160	2.628622	2.66E+00	6.40E+02		27.5	1.09396731		107.5	4.276418		8	0.318245		3	0.000119342		59.5	0.002367		64.5	0.002566		277	0.011019
23.06639	164	2.558525	2.59E+00	6.22E+02		27.5	1.06477679		107.5	4.162309		8	0.309753		3	0.000116157		59.5	0.002304		64.5	0.002497		277	0.010725
23.13305	168	2.484249	2.52E+00	6.05E+02	30	40.5	1.03514103	129	118	4.04646	9	9.5	0.301132	3	4	0.000112924	61	54	0.00224	65	64	0.002428	302	269	0.010427
23.19972	172	2.409663	2.45E+00	5.87E+02		40.5	1.47947797		118	4.310578		9.5	0.347038		4	0.000146121		54	0.001973		64	0.002338		269	0.009827
23.26639	176	2.329584	2.37E+00	5.69E+02		40.5	1.43272121		118	4.174348		9.5	0.33607		4	0.000141503		54	0.00191		64	0.002264		269	0.009516
23.33306	180	2.24395	2.29E+00	5.49E+02	51	47	1.38262454	107	114	4.028388	10	9	0.324319	5	7	0.000136556	47	48	0.001843	63	102.5	0.002185	236	271	0.009183
23.39972	184	2.147479	2.20E+00	5.27E+02		47	1.54063957		114	3.73687		9	0.295016		7	0.000229457		48	0.001573		102.5	0.00336		271	0.008883
23.46639	188	2.047531	2.10E+00	5.03E+02		47	1.47173014		114	3.569728		9	0.281821		7	0.000219194		48	0.001503		102.5	0.00321		271	0.008486
23.53306	192	1.947847	2.00E+00	4.79E+02		47	1.40169349		114	3.399852		9	0.268409		7	0.000208763		48	0.001432		102.5	0.003057		271	0.008082
23.59972	196	1.84475	1.90E+00	4.55E+02		47	1.33055208		114	3.227297		9	0.254787	9	7	0.000198167	49	42	0.001359	142	140.5	0.002902	306	294	0.007672
23.66639	200	1.738646	1.79E+00	4.30E+02		47	1.25715836		114	3.049278		9	0.240732		7	0.000187236		42	0.001123		140.5	0.003758		294	0.007864
23.73306	204	1.629817	1.68E+00	4.04E+02		47	1.18175368		114	2.866381		9	0.226293		7	0.000176006		42	0.001056		140.5	0.003533		294	0.007392
23.79972	208	1.522321	1.58E+00	3.78E+02		47	1.10586065		114	2.6823		9	0.211761		7	0.000164703		42	0.000988		140.5	0.003306		294	0.006918
23.86639	212	1.411971	1.47E+00	3.52E+02		47	1.02943401		114	2.496925		9	0.197126		7	0.00015332		42	0.00092		140.5	0.003077		294	0.006439
23.93306	216	1.30135	1.36E+00	3.26E+02		47	0.95191103		114	2.308891		9	0.182281		7	0.000141774		42	0.000851		140.5	0.002846		294	0.005955

Conduit CSO 1008

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.63E+04	4.33	58.66	219.44	13.07	0.01	0.09	0.13	0.45

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
23.99972	220	1.187358	1.24E+00	2.99E+02		47	0.87311033		114	2.117757		9	0.167191		7	0.000130038		42	0.00078		140.5	0.00261		294	0.005462
24.06639	224	1.069542	1.13E+00	2.72E+02		47	0.79178542		114	1.920501		9	0.151618	5	4	0.000117925	35	37.5	0.000708	139	120.5	0.002367	282	252.5	0.004953
24.13306	228	0.9449136	1.01E+00	2.42E+02		47	0.70672895		114	1.714194		9	0.135331		4	6.01471E-05		37.5	0.000564		120.5	0.001812		252.5	0.003797
24.19972	232	0.7968046	8.71E-01	2.09E+02		47	0.61104483		114	1.482109		9	0.117009		4	5.20038E-05		37.5	0.000488		120.5	0.001567		252.5	0.003283
24.26639	236	0.6531162	7.25E-01	1.74E+02		47	0.50867391		114	1.233805		9	0.097406		4	4.32914E-05		37.5	0.000406		120.5	0.001304		252.5	0.002733
24.33306	240	0.5020091	5.78E-01	1.39E+02	43	48	0.40525117	121	91	0.98295	8	9	0.077601	3	4	3.44895E-05	40	37.5	0.000323	102	120.5	0.001039	223	252.5	0.002177
24.39972	244	0.354079	4.28E-01	1.03E+02		48	0.30673054		91	0.58151		9	0.057512		4	2.55609E-05		37.5	0.00024		120.5	0.00077		252.5	0.001614
24.46639	248	0.2471935	3.01E-01	7.22E+01		48	0.21543185		91	0.408423		9	0.040393		4	1.79527E-05		37.5	0.000168		120.5	0.000541		252.5	0.001133
24.53306	252	0.155401	2.01E-01	4.83E+01		48	0.14424687		91	0.273468		9	0.027046		4	1.20206E-05		37.5	0.000113		120.5	0.000362		252.5	0.000759
24.59972	256	6.49E-02	1.10E-01	2.64E+01		48	0.07892911		91	0.149636		9	0.014799	5	5	6.57743E-06	35	35	6.17E-05	139	139	0.000198	282	282	0.000415
24.66639	260	1.43E-02	3.96E-02	9.50E+00		48	0.02636498		91	0.053775		9	0.005318		5	2.95469E-06		35	2.07E-05		139	8.21E-05		282	0.000167
	264		7.14E-03	1.71E+00		48	0.00511499		91	0.009697		9	0.000959		5	5.32811E-07		35	3.73E-06		139	1.48E-05		282	3.01E-05
	268		0.00E+00	0.00E+00		48	0		91	0		9	0	5	5	0	35	35	0	139	139	0	282	282	0
	272		0.00E+00	0.00E+00		48	0		91	0		9	0		5	0		35	0		139	0		282	0
	276		0.00E+00	0.00E+00		48	0		91	0		9	0		5	0		35	0		139	0		282	0
	280		0.00E+00	0.00E+00		48	0		91	0		9	0		5	0		35	0		139	0		282	0
	284		0.00E+00	0.00E+00		48	0		91	0		9	0	5	4	0	35	33.5	0	139	96	0	282	215	0
	288		0.00E+00	0.00E+00		48	0		91	0		9	0		4	0		33.5	0		96	0		215	0
	292		0.00E+00	0.00E+00		48	0		91	0		9	0		4	0		33.5	0		96	0		215	0
	296		0.00E+00	0.00E+00		48	0		91	0		9	0		4	0		33.5	0		96	0		215	0
	300		0.00E+00	0.00E+00	53	53	0	61	61	0	10	10	0	3	3	0	32	32	0	53	53	0	148	148	0

Conduit CSO 1009

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
6.13E+02	2.53	1.44	7.85	0.34	0.00	0.00	0.00	0.01

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
19.73306	0	8.46E-04			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
19.79972	4	3.18E-03	2.01E-03	4.83E-01		80	0.002404		761.5	0.02288		36.5	0.001097		7.5	2.25346E-07		172.5	5.18296E-06		283.5	8.51808E-06		639	1.91995E-05
19.86639	8	8.93E-03	6.06E-03	1.45E+00		80	0.007233		761.5	0.06885		36.5	0.0033		7.5	6.78103E-07		172.5	1.55964E-05		283.5	2.56323E-05		639	5.77744E-05
19.93306	12	2.10E-02	1.50E-02	3.59E+00		80	0.017873		761.5	0.170127		36.5	0.008154		7.5	1.67558E-06		172.5	3.85384E-05		283.5	6.3337E-05		639	0.00014276
19.99972	16	4.17E-02	3.14E-02	7.52E+00	69	58	0.037445	451	358.5	0.356429	24	17.5	0.017084	4	5.5	3.51046E-06	130	107	8.07406E-05	198	147.5	0.000132695	446	410.5	0.000299091
20.06639	20	7.10E-02	5.64E-02	1.35E+01		58	0.048793		358.5	0.301591		17.5	0.014722		5.5	4.62692E-06		107	9.00146E-05		147.5	0.000124086		410.5	0.000345337
20.13305	24	9.05E-02	8.07E-02	1.94E+01		58	0.069912		358.5	0.432128		17.5	0.021094		5.5	6.62958E-06		107	0.000128976		147.5	0.000177793		410.5	0.000494808
20.19972	28	0.1064651	9.85E-02	2.36E+01	47	42	0.085269	266	238.5	0.527051	11	9.5	0.025728	7	5.5	8.08586E-06	84	69.5	0.000157307	97	90.5	0.000216848	375	307	0.000603499
20.26639	32	0.1196721	1.13E-01	2.71E+01		42	0.070895		238.5	0.402585		9.5	0.016036		5.5	9.28393E-06		69.5	0.000117315		90.5	0.000152763		307	0.000518212
20.33306	36	0.1316021	1.26E-01	3.02E+01		42	0.078776		238.5	0.447336		9.5	0.017818		5.5	1.03159E-05		69.5	0.000130356		90.5	0.000160744		307	0.000575816
20.39972	40	0.1426051	1.37E-01	3.29E+01		42	0.085966		238.5	0.488163		9.5	0.019445		5.5	1.12574E-05		69.5	0.000142253		90.5	0.000185236		307	0.000628369
20.46639	44	0.1499158	1.46E-01	3.51E+01	37	32	0.091707	211	192.5	0.520766	8	7	0.020743	4	3.5	1.20093E-05	55	57	0.000151754	84	101.5	0.000197607	239	258.5	0.000670336
20.53306	48	0.1524165	1.51E-01	3.63E+01		32	0.072216		192.5	0.434423		7	0.015797		3.5	7.8986E-06		57	0.000128634		101.5	0.000229059		258.5	0.000583368
20.59972	52	0.1501086	1.51E-01	3.63E+01		32	0.072262		192.5	0.4347		7	0.015807		3.5	7.90363E-06		57	0.000128716		101.5	0.000229205		258.5	0.0005837
20.66639	56	0.1426021	1.46E-01	3.51E+01		32	0.069918		192.5	0.420597		7	0.015294		3.5	7.64723E-06		57	0.000124541		101.5	0.00022177		258.5	0.000564802
20.73306	60	0.1315055	1.37E-01	3.29E+01	27	32	0.065474	174	166.5	0.393867	6	7	0.014322	3	2	7.16121E-06	59	70.5	0.000116625	119	102	0.000207675	278	310	0.000528907
20.79972	64	0.1183633	1.25E-01	3.00E+01		32	0.059684		166.5	0.310544		7	0.013056		2	3.73026E-06		70.5	0.000131492		102	0.000190243		310	0.000578191
20.86639	68	0.1046684	1.12E-01	2.68E+01		32	0.053273		166.5	0.277188		7	0.011654		2	3.32958E-06		70.5	0.000117368		102	0.000169809		310	0.000516086
20.93306	72	9.21E-02	9.84E-02	2.36E+01		32	0.046996		166.5	0.244525		7	0.01028		2	2.93724E-06		70.5	0.00010538		102	0.000149799		310	0.000455272
20.99972	76	8.18E-02	8.69E-02	2.09E+01	37	37.5	0.041534	159	138	0.216104	8	7	0.009085	1	3.5	2.59585E-06	82	65.5	9.15037E-05	85	81.5	0.000132388	342	325.5	0.000402357
21.06639	80	7.42E-02	7.80E-02	1.87E+01		37.5	0.043664		138	0.160682		7	0.008151		3.5	4.07527E-06		65.5	7.62658E-05		81.5	9.48956E-05		325.5	0.000379
21.13305	84	6.89E-02	7.15E-02	1.72E+01		37.5	0.040052		138	0.14739		7	0.007476		3.5	3.73814E-06		65.5	6.99567E-05		81.5	8.70453E-05		325.5	0.000347647
21.19972	88	6.38E-02	6.63E-02	1.59E+01		37.5	0.03713		138	0.136838		7	0.006931		3.5	3.46545E-06		65.5	6.48534E-05		81.5	8.06954E-05		325.5	0.000322287
21.26639	92	5.95E-02	6.16E-02	1.48E+01	38	29	0.034509	117	110.5	0.126994	6	5.5	0.006442	6	8	3.22087E-06	49	36	6.02762E-05	78	66	7.50002E-05	309	264	0.000299541
21.33306	96	5.58E-02	5.77E-02	1.38E+01		29	0.02497		110.5	0.095145		5.5	0.004736		8	6.88831E-06		36	3.09974E-05		66	5.68286E-05		264	0.000227314
21.39972	100	5.19E-02	5.39E-02	1.29E+01		29	0.023327		110.5	0.088883		5.5	0.004424		8	6.435E-06		36	2.89575E-05		66	5.30887E-05		264	0.000212355
21.46639	104	4.79E-02	4.99E-02	1.20E+01	20	28	0.021614	104	111	0.082358	5	6	0.004099	10	7.5	5.96254E-06	23	37	2.68314E-05	54	50	4.9191E-05	219	258	0.000196764
21.53306	108	4.39E-02	4.59E-02	1.10E+01		28	0.01919		111	0.076074		6	0.004112		7.5	5.14016E-06		37	2.53581E-05		50	3.42677E-05		258	0.000176821
21.59972	112	3.99E-02	4.19E-02	1.01E+01		28	0.017506		111	0.0694		6	0.003751		7.5	4.68917E-06		37	2.31333E-05		50	3.12612E-05		258	0.000161308
21.66639	116	3.56E-02	3.77E-02	9.05E+00		28	0.015761		111	0.062481		6	0.003377		7.5	4.22168E-06		37	2.08269E-05		50	2.81445E-05		258	0.000145226
21.73306	120	3.15E-02	3.35E-02	8.05E+00	36	35	0.014024	118	142.5	0.055594	7	8	0.003005	5	5	3.75635E-06	51	53	1.85313E-05	46	51.5	2.50423E-05	297	258	0.000129218
21.79972	124	2.78E-02	2.97E-02	7.12E+00		35	0.015496		142.5	0.06309		8	0.003542		5	2.21368E-06		53	2.3465E-05		51.5	2.28009E-05		258	0.000114228
21.86639	128	2.42E-02	2.60E-02	6.23E+00		35	0.013573		142.5	0.055263		8	0.003102		5	1.93905E-06		53	2.05539E-05		51.5	1.99722E-05		258	0.000100055
21.93306	132	2.08E-02	2.25E-02	5.40E+00		35	0.011765		142.5	0.047899		8	0.002689		5	1.68067E-06		53	1.78151E-05		51.5	1.73109E-05		258	8.67228E-05
21.99972	136	1.77E-02	1.93E-02	4.63E+00	34	29.5	0.010062	167	126.5	0.041048	9	8	0.002304	5	4	1.44028E-06	55	56.5	1.5267E-05	57	60.5	1.48349E-05	219	235.5	7.43187E-05
22.06639	140	1.48E-02	1.63E-02	3.90E+00		29.5	0.007158		126.5	0.030696		8	0.001941		4	9.70622E-07		56.5	1.371E-05		60.5	1.46807E-05		235.5	5.71454E-05
22.13305	144	1.01E-02	1.24E-02	2.98E+00		29.5	0.005468		126.5	0.023449		8	0.001483		4	7.41466E-07		56.5	1.04732E-05		60.5	1.12147E-05		235.5	4.36538E-05
22.19972	148	4.64E-03	7.35E-03	1.77E+00		29.5	0.003239		126.5	0.013889		8	0.000878		4	4.39185E-07		56.5	6.20349E-06		60.5	6.64267E-06		235.5	2.5857E-05
22.26639	152	5.66E-04	2.60E-03	6.25E-01	25	25	0.001147	86	86	0.004919	7	7	0.000311	3	3	1.55528E-07	58	58	2.19684E-06	64	64	2.35237E-06	252	252	9.15674E-06

Conduit CSO 1010

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
-6.82E+01	2.40	-0.16	-0.92	-0.04	0.00	0.00	0.00	0.00

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
19.93306	0	-9.60E-04			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
19.99972	4	-2.30E-03	-1.64E-03	-3.94E-01		80	-0.001959		761.5	-0.018647		36.5	-0.000894		7.5	-1.83658E-07		172.5	-4.22E-06		283.5	-6.94227E-06		639	-1.56E-05
20.06639	8	-3.72E-03	-3.01E-03	-7.23E-01		80	-0.003597		761.5	-0.034241		36.5	-0.001641		7.5	-3.3724E-07		172.5	-7.76E-06		283.5	-1.27477E-05		639	-2.87E-05
20.13305	12	-5.19E-03	-4.45E-03	-1.07E+00		80	-0.005321		761.5	-0.050646		36.5	-0.002428		7.5	-4.98807E-07		172.5	-1.15E-05		283.5	-1.88549E-05		639	-4.25E-05
20.19972	16	-6.62E-03	-5.90E-03	-1.42E+00	69	58	-0.007048	451	358.5	-0.067083	24	17.5	-0.003215	4	5.5	-6.60703E-07	130	107	-1.52E-05	198	147.5	-2.49746E-05	446	410.5	-5.63E-05
20.26639	20	-7.97E-03	-7.29E-03	-1.75E+00		58	-0.006314		358.5	-0.039025		17.5	-0.001905		5.5	-5.98703E-07		107	-1.16E-05		147.5	-1.80561E-05		410.5	-4.47E-05
20.33306	24	-9.22E-03	-8.59E-03	-2.06E+00		58	-0.007439		358.5	-0.045982		17.5	-0.002245		5.5	-7.05435E-07		107	-1.37E-05		147.5	-1.89185E-05		410.5	-5.27E-05
20.39972	28	-1.03E-02	-9.78E-03	-2.35E+00	47	42	-0.008467	266	238.5	-0.052335	11	9.5	-0.002555	7	5.5	-8.02908E-07	84	69.5	-1.56E-05	97	90.5	-2.15325E-05	375	307	-5.99E-05
20.46639	32	-1.14E-02	-1.08E-02	-2.60E+00		42	-0.006802		238.5	-0.038624		9.5	-0.001538		5.5	-8.90703E-07		69.5	-1.13E-05		90.5	-1.46561E-05		307	-4.97E-05
20.53306	36	-1.22E-02	-1.18E-02	-2.83E+00		42	-0.007395		238.5	-0.04199		9.5	-0.001673		5.5	-9.68331E-07		69.5	-1.22E-05		90.5	-1.59334E-05		307	-5.41E-05
20.59972	40	-1.28E-02	-1.25E-02	-3.01E+00		42	-0.00786		238.5	-0.044632		9.5	-0.001778		5.5	-1.02926E-06		69.5	-1.3E-05		90.5	-1.69359E-05		307	-5.75E-05
20.66639	44	-1.27E-02	-1.28E-02	-3.07E+00	37	32	-0.00801	211	192.5	-0.045486	8	7	-0.001812	4	3.5	-1.04895E-06	55	57	-1.33E-05	84	101.5	-1.72599E-05	239	258.5	-5.86E-05
20.73306	48	-1.22E-02	-1.25E-02	-2.99E+00		32	-0.005958		192.5	-0.035843		7	-0.001303		3.5	-8.517E-07		57	-1.06E-05		101.5	-1.88993E-05		258.5	-4.81E-05
20.79972	52	-1.16E-02	-1.19E-02	-2.86E+00		32	-0.005698		192.5	-0.034276		7	-0.001246		3.5	-8.23206E-07		57	-1.01E-05		101.5	-1.8073E-05		258.5	-4.6E-05
20.86639	56	-1.10E-02	-1.13E-02	-2.71E+00		32	-0.005399		192.5	-0.032478		7	-0.001181		3.5	-5.90509E-07		57	-9.62E-06		101.5	-1.71248E-05		258.5	-4.36E-05
20.93306	60	-1.04E-02	-1.07E-02	-2.56E+00	27	32	-0.0051	174	166.5	-0.03068	6	7	-0.001116	3	2	-5.57821E-07	59	70.5	-9.08E-06	119	102	-1.61768E-05	278	310	-4.12E-05
20.99972	64	-9.82E-03	-1.01E-02	-2.42E+00		32	-0.004822		166.5	-0.025087		7	-0.001055		2	-3.01351E-07		70.5	-1.06E-05		102	-1.53689E-05		310	-4.67E-05
21.06639	68	-9.33E-03	-9.57E-03	-2.30E+00		32	-0.004573		166.5	-0.023792		7	-0.001		2	-2.85784E-07		70.5	-1.01E-05		102	-1.4575E-05		310	-4.43E-05
21.13305	72	-8.91E-03	-9.12E-03	-2.19E+00		32	-0.004356		166.5	-0.022663		7	-0.000953		2	-2.72231E-07		70.5	-9.6E-06		102	-1.38838E-05		310	-4.22E-05
21.19972	76	-8.55E-03	-8.73E-03	-2.09E+00	37	37.5	-0.004169	159	138	-0.021691	8	7	-0.000912	1	3.5	-2.60556E-07	82	65.5	-9.18E-06	85	81.5	-1.32883E-05	342	325.5	-4.04E-05
21.26639	80	-8.24E-03	-8.39E-03	-2.01E+00		37.5	-0.004698		138	-0.017287		7	-0.000877		3.5	-4.38442E-07		65.5	-8.21E-06		81.5	-1.02094E-05		325.5	-4.08E-05
21.33306	84	-7.98E-03	-8.11E-03	-1.95E+00		37.5	-0.004538		138	-0.016701		7	-0.000847		3.5	-4.23575E-07		65.5	-7.93E-06		81.5	-9.86324E-06		325.5	-3.94E-05
21.39972	88	-7.76E-03	-7.87E-03	-1.89E+00		37.5	-0.004404		138	-0.016205		7	-0.000822		3.5	-4.11005E-07		65.5	-7.69E-06		81.5	-9.57054E-06		325.5	-3.82E-05
21.46639	92	-7.57E-03	-7.66E-03	-1.84E+00	38	29	-0.00429	117	110.5	-0.015786	6	5.5	-0.000801	6	8	-4.00381E-07	49	36	-7.49E-06	78	66	-9.32316E-06	309	264	-3.72E-05
21.53306	96	-7.41E-03	-7.49E-03	-1.80E+00		29	-0.003244		110.5	-0.012359		5.5	-0.000615		8	-8.94783E-07		36	-4.03E-06		66	-7.38196E-06		264	-2.95E-05
21.59972	100	-7.28E-03	-7.35E-03	-1.76E+00		29	-0.003181		110.5	-0.012119		5.5	-0.000603		8	-8.77404E-07		36	-3.95E-06		66	-7.23858E-06		264	-2.9E-05
21.66639	104	-7.17E-03	-7.22E-03	-1.73E+00	20	28	-0.003127	104	111	-0.011916	5	6	-0.000593	10	7.5	-8.62684E-07	23	37	-3.88E-06	54	50	-7.11715E-06	219	258	-2.85E-05
21.73306	108	-7.07E-03	-7.12E-03	-1.71E+00		28	-0.002976		111	-0.011797		6	-0.000638		7.5	-7.97088E-07		37	-3.93E-06		50	-5.31392E-06		258	-2.74E-05
21.79972	112	-6.99E-03	-7.03E-03	-1.69E+00		28	-0.002939		111	-0.01165		6	-0.00063		7.5	-7.8717E-07		37	-3.88E-06		50	-5.2478E-06		258	-2.71E-05
21.86639	116	-6.92E-03	-6.96E-03	-1.67E+00		28	-0.002908		111	-0.011529		6	-0.000623		7.5	-7.78956E-07		37	-3.84E-06		50	-5.19304E-06		258	-2.68E-05
21.93306	120	-6.86E-03	-6.89E-03	-1.65E+00	36	35	-0.002882	118	142.5	-0.011423	7	8	-0.000617	5	5	-7.71849E-07	51	53	-3.81E-06	46	51.5	-5.14566E-06	297	258	-2.66E-05
21.99972	124	-6.82E-03	-6.84E-03	-1.64E+00		35	-0.003574		142.5	-0.01455		8	-0.000817		5	-5.10521E-07		53	-5.41E-06		51.5	-5.25837E-06		258	-2.63E-05
22.06639	128	-6.74E-03	-6.78E-03	-1.63E+00		35	-0.003542		142.5	-0.014419		8	-0.00081		5	-5.05939E-07		53	-5.36E-06		51.5	-5.21117E-06		258	-2.61E-05
22.13305	132	-5.71E-03	-6.23E-03	-1.49E+00		35	-0.003253		142.5	-0.013246		8	-0.000744		5	-4.64777E-07		53	-4.93E-06		51.5	-4.78721E-06		258	-2.4E-05
22.19972	136	-3.92E-03	-4.81E-03	-1.16E+00	34	29.5	-0.002516	167	126.5	-0.010243	9	8	-0.000575	5	4	-3.59404E-07	55	56.5	-3.81E-06	57	60.5	-3.70186E-06	219	235.5	-1.65E-05
22.26639	140	-2.18E-03	-3.05E-03	-7.32E-01		29.5	-0.001343		126.5	-0.00576		8	-0.000364		4	-1.82122E-07		56.5	-2.57E-06		60.5	-2.7546E-06		235.5	-1.07E-05
22.33306	144	-7.81E-04	-1.48E-03	-3.56E-01		29.5	-0.000653		126.5	-0.002798		8	-0.000177		4	-8.84863E-08		56.5	-1.25E-06		60.5	-1.33836E-06		235.5	-5.21E-06
	148		-3.91E-04	-9.37E-02		29.5	-0.000172		126.5	-0.000738		8	-4.67E-05		4	-2.3326E-08		56.5	-3.29E-07		60.5	-3.52808E-07		235.5	-1.37E-06
	152		0.00E+00	0.00E+00	25	25	0	86	86	0	7	7	0	3	3	0	58	58	0	64	64	0	252	252	0

Conduit CSO 1011

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.83E+02	8.20	0.70	2.03	0.15	0.00	0.00	0.00	0.00

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
17.26639	0	3.46E-05			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
17.33306	4	1.61E-04	9.78E-05	2.35E-02		80	0.0001168		761.5	0.001111		36.5	5.33E-05		7.5	1.09454E-08		172.5	2.51745E-07		283.5	4.13737E-07		639	9.3255E-07
17.39972	8	4.12E-04	2.87E-04	6.88E-02		80	0.0003424		761.5	0.003259		36.5	0.000156		7.5	3.20964E-08		172.5	7.38216E-07		283.5	1.21324E-06		639	2.73461E-06
17.46639	12	7.71E-04	5.92E-04	1.42E-01		80	0.0007069		761.5	0.006729		36.5	0.000323		7.5	6.62754E-08		172.5	1.52433E-06		283.5	2.50521E-06		639	5.64666E-06
17.53306	16	1.20E-03	9.85E-04	2.36E-01	69	58	0.0011769	451	358.5	0.011202	24	17.5	0.000537	4	5.5	1.10331E-07	130	107	2.5376E-06	198	147.5	4.17049E-06	446	410.5	9.40016E-06
17.59972	20	1.66E-03	1.43E-03	3.43E-01		58	0.0012383		358.5	0.007654		17.5	0.000374		5.5	1.17423E-07		107	2.28441E-06		147.5	3.14907E-06		410.5	8.76402E-06
17.66639	24	2.10E-03	1.88E-03	4.52E-01		58	0.0016303		358.5	0.010077		17.5	0.000492		5.5	1.54594E-07		107	3.00755E-06		147.5	4.14592E-06		410.5	1.15383E-05
17.73306	28	2.51E-03	2.31E-03	5.54E-01	47	42	0.0019993	266	238.5	0.012358	11	9.5	0.000603	7	5.5	1.89593E-07	84	69.5	3.68844E-06	97	90.5	5.08454E-06	375	307	1.41505E-05
17.79972	32	2.86E-03	2.69E-03	6.45E-01		42	0.0016854		238.5	0.009571		9.5	0.000381		5.5	2.20704E-07		69.5	2.7889E-06		90.5	3.63158E-06		307	1.23193E-05
17.86639	36	3.14E-03	3.00E-03	7.21E-01		42	0.0018831		238.5	0.010693		9.5	0.000426		5.5	2.46593E-07		69.5	3.11604E-06		90.5	4.05758E-06		307	1.37644E-05
17.93306	40	3.36E-03	3.25E-03	7.81E-01		42	0.0020392		238.5	0.01158		9.5	0.000461		5.5	2.67034E-07		69.5	3.37434E-06		90.5	4.39393E-06		307	1.49054E-05
17.99972	44	3.53E-03	3.44E-03	8.26E-01	37	32	0.0021589	211	192.5	0.01226	8	7	0.000488	4	3.5	2.82719E-07	55	57	3.57254E-06	84	101.5	4.65201E-06	239	258.5	1.57809E-05
18.06639	48	3.66E-03	3.60E-03	8.63E-01		32	0.0017176		192.5	0.010333		7	0.000376		3.5	1.87867E-07		57	3.05955E-06		101.5	5.44815E-06		258.5	1.38753E-05
18.13305	52	3.82E-03	3.74E-03	8.98E-01		32	0.001788		192.5	0.010756		7	0.000391		3.5	1.95566E-07		57	3.18493E-06		101.5	5.67141E-06		258.5	1.44439E-05
18.19972	56	4.12E-03	3.97E-03	9.53E-01		32	0.0018974		192.5	0.011414		7	0.000415		3.5	2.07532E-07		57	3.3798E-06		101.5	6.01841E-06		258.5	1.53277E-05
18.26639	60	4.57E-03	4.35E-03	1.04E+00	27	32	0.002077	174	166.5	0.012495	6	7	0.000454	3	2	2.27173E-07	59	70.5	3.69968E-06	119	102	6.58802E-06	278	310	1.67784E-05
18.33306	64	5.24E-03	4.91E-03	1.18E+00		32	0.0023444		166.5	0.012198		7	0.000513		2	1.46522E-07		70.5	5.1649E-06		102	7.47262E-06		310	2.27109E-05
18.39972	68	6.13E-03	5.68E-03	1.36E+00		32	0.0027157		166.5	0.01413		7	0.000594		2	1.69734E-07		70.5	5.98313E-06		102	8.65644E-06		310	2.63088E-05
18.46639	72	7.23E-03	6.68E-03	1.60E+00		32	0.0031914		166.5	0.016605		7	0.000698		2	1.99464E-07		70.5	7.03112E-06		102	1.01727E-05		310	3.0917E-05
18.53306	76	8.47E-03	7.85E-03	1.88E+00	37	37.5	0.0037508	159	138	0.019516	8	7	0.00082	1	3.5	2.34424E-07	82	65.5	8.26344E-06	85	81.5	1.19556E-05	342	325.5	3.63357E-05
18.59972	80	9.69E-03	9.08E-03	2.18E+00		37.5	0.0050842		138	0.01871		7	0.000949		3.5	4.74523E-07		65.5	8.88036E-06		81.5	1.10496E-05		325.5	4.41306E-05
18.66639	84	1.08E-02	1.02E-02	2.46E+00		37.5	0.0057287		138	0.021081		7	0.001069		3.5	5.34675E-07		65.5	1.00061E-05		81.5	1.24503E-05		325.5	4.97248E-05
18.73306	88	1.16E-02	1.12E-02	2.68E+00		37.5	0.0062581		138	0.02303		7	0.001168		3.5	5.8409E-07		65.5	1.09308E-05		81.5	1.3601E-05		325.5	5.43204E-05
18.79972	92	1.21E-02	1.18E-02	2.84E+00	38	29	0.0066292	117	110.5	0.024395	6	5.5	0.001237	6	8	6.18721E-07	49	36	1.15789E-05	78	66	1.44074E-05	309	264	5.7541E-05
18.86639	96	1.25E-02	1.23E-02	2.95E+00		29	0.0053169		110.5	0.020259		5.5	0.001008		8	1.46874E-06		36	6.60031E-06		66	1.21006E-05		264	4.84023E-05
18.93306	100	1.28E-02	1.26E-02	3.03E+00		29	0.0054626		110.5	0.020814		5.5	0.001036		8	1.50693E-06		36	6.78116E-06		66	1.24321E-05		264	4.97285E-05
18.99972	104	1.30E-02	1.29E-02	3.09E+00	20	28	0.0055765	104	111	0.021248	5	6	0.001058	10	7.5	1.53834E-06	23	37	6.92254E-06	54	50	1.26913E-05	219	258	5.07853E-05
19.06639	108	1.32E-02	1.31E-02	3.14E+00		28	0.0054718		111	0.021692		6	0.001173		7.5	1.46567E-06		37	7.23066E-06		50	9.77116E-06		258	5.04192E-05
19.13305	112	1.33E-02	1.33E-02	3.18E+00		28	0.0055449		111	0.021982		6	0.001188		7.5	1.48525E-06		37	7.32725E-06		50	9.90189E-06		258	5.10927E-05
19.19972	116	1.34E-02	1.34E-02	3.21E+00		28	0.0055917		111	0.022167		6	0.001198		7.5	1.49778E-06		37	7.38906E-06		50	9.98522E-06		258	5.15237E-05
19.26639	120	1.35E-02	1.35E-02	3.23E+00	36	35	0.0056253	118	142.5	0.0223	7	8	0.001205	5	5	1.50677E-06	51	53	7.43339E-06	46	51.5	1.00451E-05	297	258	5.18328E-05
19.33306	124	1.36E-02	1.35E-02	3.25E+00		35	0.0070725		142.5	0.028795		8	0.001617		5	1.01036E-06		53	1.07098E-05		51.5	1.04087E-05		258	5.21344E-05
19.39972	128	1.38E-02	1.37E-02	3.28E+00		35	0.007151		142.5	0.029115		8	0.001635		5	1.02158E-06		53	1.08287E-05		51.5	1.05222E-05		258	5.27133E-05
19.46639	132	1.51E-02	1.44E-02	3.46E+00		35	0.0075409		142.5	0.030702		8	0.001724		5	1.07728E-06		53	1.14191E-05		51.5	1.1096E-05		258	5.55876E-05
19.53306	136	1.87E-02	1.69E-02	4.05E+00	34	29.5	0.0088214	167	126.5	0.035916	9	8	0.002016	5	4	1.2602E-06	55	56.5	1.33581E-05	57	60.5	1.29601E-05	219	235.5	6.50263E-05
19.59972	140	2.76E-02	2.32E-02	5.56E+00		29.5	0.0102017		126.5	0.043746		8	0.002767		4	1.38329E-06		56.5	1.95389E-05		60.5	2.09222E-05		235.5	8.14409E-05
19.66639	144	5.02E-02	3.89E-02	9.33E+00		29.5	0.0171275		126.5	0.073445		8	0.004645		4	2.32238E-06		56.5	3.28036E-05		60.5	3.51259E-05		235.5	0.00013673
19.73306	148	9.51E-02	7.26E-02	1.74E+01		29.5	0.0319942		126.5	0.137195		8	0.008676		4	4.33819E-06		56.5	6.1277E-05		60.5	6.56152E-05		235.5	0.00025511
19.79972	152	0.148582	1.22E-01	2.92E+01	25	27.5	0.0536679	86	107.5	0.230135	7	8	0.014554	3	3	7.277E-06	58	59.5	0.000102788	64	64.5	0.000110085	252	277	0.000428433
19.86639	156	0	7.43E-02	1.78E+01		27.5	0.0304997		107.5	0.119226		8	0.008873		3	3.32724E-06		59.5	6.59904E-05		64.5	7.15358E-05		277	0.000307216
19.93306	160	1.45E-04	7.24E-05	1.74E-02		27.5	2.972E-05		107.5	0.000116		8	8.65E-06		3	3.24241E-09		59.5	6.43077E-08		64.5	6.97117E-08		277	2.99382E-07
19.99972	164	0	7.24E-05	1.74E-02		27.5	2.972E-05		107.5	0.000116		8	8.65E-06		3	3.24241E-09		59.5	6.43077E-08		64.5	6.97117E-08		277	2.99382E-07
20.06639	168	1.03E-04	5.13E-05	1.23E-02	30	40.5	2.104E-05	129	118	8.23E-05	9	9.5	6.12E-06	3	4	2.29577E-09	61	54	4.55327E-08	65	64	4.9359E-08	302	269	2.11976E-07
20.13305	172	2.01E-03	1.05E-03	2.53E-01		40.5	0.0006377		118	0.001858		9.5	0.00015		4	6.29808E-08		54	8.5024E-07		64	1.00769E-06		269	4.23546E-06
20.19972	176	6.80E-03	4.41E-03	1.06E+00		40.5	0.0026635		118	0.00776		9.5	0.000625		4	2.63065E-07		54	3.55138E-06		64	4.20904E-06		269	1.76911E-05
20.26639	180	1.36E-02	1.02E-02	2.44E+00	51	47	0.0061586	107	114	0.017944	10	9	0.001445	5	7	6.08259E-07	47	48	8.2115E-06	63	102.5	9.73215E-06	236	271	4.09054E-05
20.33306	184	2.11E-02	1.73E-02	4.16E+00		47	0.0121492		114	0.029468		9	0.002326		7	1.80946E-06		48	1.24077E-05		102.5	2.64957E-05		271	7.0052E-05
20.39972	188	2.83E-02	2.47E-02	5.92E+00		47	0.0173136		114	0.041995		9	0.003315		7	2.57862E-06		48	1.7682E-05		102.5	3.77584E-05		271	9.98294E-05
20.46639	192	3.47E-02	3.15E-02	7.56E+00		47	0.0220986		114	0.053601		9	0.004232		7	3.29128E-06		48	2.25688E-05		102.5	4.81937E-05		271	0.00012742
20.53306	196	4.00E-02	3.73E-02	8.96E+00		47	0.0261999		114	0.063549		9	0.005017	9	7	3.90211E-06	49	42	2.67573E-05	142	140.5	5.7138E-05	306	294	0.000151087
20.59972	200	4.29E-02	4.14E-02	9.94E+00		47	0.029064		114	0.070496		9	0.005565		7	4.32887E-06		42	2.5972E-05		140.5	6.68827E-05		294	0.000181804
20.66639	204	4.27E-02	4.28E-02	1.03E+01		47	0.0300359		114	0.072853		9	0.005752		7	4.47344E-06		42	2.68406E-05		140.5	6.97883E-05		294	0.000187884
20.73306	208	3.52E-02	3.90E-02	9.35E+00		47	0.0273398		114	0.066314		9	0.005235		7	4.07189E-06		42	2.44313E-05		140.5	6.17286E-05		294	0.000171019
20.79972	212	2.63E-02	3.07E-02	7.38E+00		47	0.0215754		114	0.052332		9	0.004131		7	3.21335E-06		42	1.92801E-05		140.5	6.44966E-05		294	0.000134961
20.86639	216	1.94E-02	2.28E-02	5.48E+00		47	0.0160322		114	0.038887		9	0.00307		7	2.38777E-06		42	1.43266E-05		140.5	4.79259E-05		294	0.000100286

Conduit CSO 1011

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.83E+02	8.20	0.70	2.03	0.15	0.00	0.00	0.00	0.00

Conduit CSO

Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
20.93306	220	1.46E-02	1.70E-02	4.07E+00		47	0.0119077		114	0.028883		9	0.00228		7	1.77349E-06		42	1.06409E-05		140.5	3.55965E-05		294	7.44866E-05
20.99972	224	1.13E-02	1.29E-02	3.11E+00		47	0.0090808		114	0.022026		9	0.001739	5	4	1.35246E-06	35	37.5	8.11476E-06	139	120.5	2.71458E-05	282	252.5	5.68033E-05
21.06639	228	9.15E-03	1.02E-02	2.46E+00		47	0.0071821		114	0.01742		9	0.001375		4	6.1124E-07		37.5	5.73037E-06		120.5	1.84136E-05		252.5	3.85845E-05
21.13305	232	7.67E-03	8.41E-03	2.02E+00		47	0.0059025		114	0.014317		9	0.00113		4	5.02341E-07		37.5	4.70945E-06		120.5	1.5133E-05		252.5	3.17103E-05
21.19972	236	6.67E-03	7.17E-03	1.72E+00		47	0.0050339		114	0.01221		9	0.000964		4	4.28415E-07		37.5	4.01639E-06		120.5	1.2906E-05		252.5	2.70437E-05
21.26639	240	5.98E-03	6.33E-03	1.52E+00	43	48	0.0044384	121	91	0.010766	8	9	0.00085	3	4	3.7774E-07	40	37.5	3.54131E-06	102	120.5	1.13794E-05	223	252.5	2.38449E-05
21.33306	244	5.50E-03	5.74E-03	1.38E+00		48	0.004112		91	0.007796		9	0.000771		4	3.42669E-07		37.5	3.21252E-06		120.5	1.03229E-05		252.5	2.1631E-05
21.39972	248	5.18E-03	5.34E-03	1.28E+00		48	0.0038257		91	0.007253		9	0.000717		4	3.18807E-07		37.5	2.98882E-06		120.5	9.60406E-06		252.5	2.01247E-05
21.46639	252	4.96E-03	5.07E-03	1.22E+00		48	0.0036313		91	0.006884		9	0.000681		4	3.02606E-07		37.5	2.83693E-06		120.5	9.11602E-06		252.5	1.9102E-05
21.53306	256	4.82E-03	4.89E-03	1.17E+00		48	0.0035022		91	0.00664		9	0.000657	5	5	2.9185E-07	35	35	2.7361E-06	139	139	8.79199E-06	282	282	1.84231E-05
21.59972	260	4.74E-03	4.78E-03	1.15E+00		48	0.0034242		91	0.006492		9	0.000642		5	3.56692E-07		35	2.49684E-06		139	9.91603E-06		282	2.01174E-05
21.66639	264	4.69E-03	4.72E-03	1.13E+00		48	0.0033797		91	0.006407		9	0.000634		5	3.52052E-07		35	2.46437E-06		139	9.78705E-06		282	1.98557E-05
21.73306	268	4.66E-03	4.68E-03	1.12E+00		48	0.0033528		91	0.006356		9	0.000629		5	3.49248E-07		35	2.44474E-06		139	9.7091E-06		282	1.96976E-05
21.79972	272	4.68E-03	4.67E-03	1.12E+00		48	0.003348		91	0.006347		9	0.000628	5	5	3.48754E-07	35	35	2.44128E-06	139	139	9.69537E-06	282	282	1.96698E-05
21.86639	276	4.71E-03	4.70E-03	1.13E+00		48	0.0033644		91	0.006378		9	0.000631		5	3.50457E-07		35	2.4532E-06		139	9.74271E-06		282	1.96658E-05
21.93306	280	4.76E-03	4.73E-03	1.14E+00		48	0.0033913		91	0.006429		9	0.000636		5	3.53265E-07		35	2.47285E-06		139	9.82076E-06		282	1.99241E-05
21.99972	284	4.83E-03	4.79E-03	1.15E+00		48	0.0034356		91	0.006513		9	0.000644	5	4	3.57877E-07	35	33.5	2.50514E-06	139	98	9.94898E-06	282	215	2.01843E-05
22.06639	288	4.80E-03	4.82E-03	1.16E+00		48	0.0034521		91	0.006545		9	0.000647		4	2.67674E-07		33.5	2.40927E-06		98	6.90417E-06		215	1.54625E-05
22.13305	292	2.65E-03	3.72E-03	6.94E-01		48	0.0026685		91	0.005059		9	0.0005		4	2.22373E-07		33.5	1.86237E-06		98	5.33695E-06		215	1.19526E-05
22.19972	296	0	1.32E-03	3.18E-01		48	0.0009481		91	0.001798		9	0.000178		4	7.90114E-08		33.5	6.6172E-07		98	1.89627E-06		215	4.24686E-06
22.26639	300	0	0.00E+00	0.00E+00	53	53	0	61	61	0	10	10	0	3	4	0	32	29.5	0	53	65	0	148	171	0
22.33306	304	1.67E-04	8.36E-05	2.01E-02		53	6.614E-05		61	7.61E-05		10	1.25E-05		4	4.99193E-09		29.5	3.68155E-08		65	8.11188E-08		171	2.13405E-07
22.39972	308	0	8.36E-05	2.01E-02		53	6.614E-05		61	7.61E-05		10	1.25E-05		4	4.99193E-09		29.5	3.68155E-08		65	8.11188E-08		171	2.13405E-07
22.46639	312	0	0.00E+00	0.00E+00		53	0		61	0		10	0		4	0		29.5	0		65	0		171	0
22.53306	316	1.52E-04	7.61E-05	1.83E-02		53	6.023E-05		61	6.93E-05		10	1.14E-05	5	5	4.54533E-09	27	27	3.35218E-08	77	77	7.38617E-08	194	194	1.94313E-07
22.59972	320	0	7.61E-05	1.83E-02		53	6.023E-05		61	6.93E-05		10	1.14E-05		5	5.68167E-09		27	3.0681E-08		77	8.74977E-08		194	2.20449E-07
22.66639	324	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
22.73306	328	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
22.79972	332	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
22.86639	336	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
22.93306	340	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
22.99972	344	0	0.00E+00	0.00E+00		53	0		61	0		10	0	5	5	0	27	27	0	77	77	0	194	194	0
23.06639	348	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
23.13305	352	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
23.19972	356	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
23.26639	360	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
23.33306	364	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
23.39972	368	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
23.46639	372	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
23.53306	376	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
23.59972	380	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
23.66639	384	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
23.73306	388	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
23.79972	392	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
23.86639	396	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
23.93306	400	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
23.99972	404	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
24.06639	408	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
24.13305	412	1.13E-02	5.63E-03	1.35E+00		53	0.0044562		61	0.005129		10	0.000841		5	4.204E-07		27	2.27016E-06		77	6.47416E-06		194	1.63115E-05
24.19972	416	2.19E-02	1.66E-02	3.98E+00		53	0.0131165		61	0.015096		10	0.002475		5	1.2374E-06		27	6.68198E-06		77	1.9056E-05		194	4.80112E-05
24.26639	420	2.36E-02	2.28E-02	5.46E+00		53	0.0180066		61	0.020725		10	0.003397		5	1.69874E-06		27	9.17318E-06		77	2.61606E-05		194	6.5911E-05
24.33306	424	2.13E-02	2.25E-02	5.40E+00		53	0.0177901		61	0.020475		10	0.003357		5	1.67831E-06		27	9.06288E-06		77	2.5846E-05		194	6.51185E-05
24.39972	428	1.81E-02	1.97E-02	4.73E+00		53	0.0155959		61	0.01795		10	0.002943		5	1.47131E-06		27	7.94506E-06		77	2.26581E-05		194	5.70687E-05
24.46639	432	1.49E-02	1.65E-02	3.95E+00		53	0.0130381		61	0.015006		10	0.00246		5	1.23001E-06		27	6.64204E-06		77	1.89421E-05		194	4.77243E-05
24.53306	436	1.16E-02	1.33E-02	3.18E+00		53	0.0104914		61	0.012075		10	0.00198		5	9.8975E-07		27	5.34465E-06		77	1.52422E-05		194	3.84023E-05
24.59972	440	9.07E-03	1.04E-02	2.49E+00		53	0.0081948		61	0.009432		10	0.001546		5	7.73098E-07		27	4.17473E-06		77	1.19057E-05		194	2.99962E-05

Conduit CSO 1011

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.83E+02	8.20	0.70	2.03	0.15	0.00	0.00	0.00	0.00

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
24.66639	444	7.26E-03	8.17E-03	1.96E+00		53	0.0064609		61	0.007436		10	0.001219		5	6.09518E-07		27	3.29139E-06		77	9.38657E-06		194	2.38493E-05
24.73306	448	5.91E-03	6.59E-03	1.58E+00		53	0.0052106		61	0.005997		10	0.000983		5	4.9158E-07		27	2.65453E-06		77	7.57034E-06		194	1.90733E-05
24.79972	452	4.86E-03	5.39E-03	1.29E+00		53	0.0042637		61	0.004907		10	0.000804		5	4.02234E-07		27	2.17206E-06		77	6.1944E-06		194	1.56087E-05
24.86639	456	3.99E-03	4.43E-03	1.06E+00		53	0.0035034		61	0.004032		10	0.000661		5	3.30507E-07		27	1.78474E-06		77	5.0898E-06		194	1.28237E-05
24.93306	460	3.28E-03	3.63E-03	8.72E-01		53	0.0028755		61	0.00331		10	0.000543		5	2.71278E-07		27	1.4649E-06		77	4.17768E-06		194	1.05256E-05
24.99972	464	2.64E-03	2.96E-03	7.10E-01		53	0.0023417		61	0.002695		10	0.000442		5	2.20919E-07		27	1.19296E-06		77	3.40216E-06		194	8.57167E-06
25.06639	468	2.08E-03	2.36E-03	5.67E-01		53	0.00187		61	0.002152		10	0.000353		5	1.76414E-07		27	9.52635E-07		77	2.71677E-06		194	6.84486E-06
25.13305	472	1.61E-03	1.85E-03	4.43E-01		53	0.0014821		61	0.001683		10	0.000276		5	1.37935E-07		27	7.44848E-07		77	2.1242E-06		194	5.35187E-06
25.19972	476	1.21E-03	1.41E-03	3.38E-01		53	0.0011158		61	0.001284		10	0.000211		5	1.05263E-07		27	5.68418E-07		77	1.62104E-06		194	4.08419E-06
25.26639	480	8.69E-04	1.04E-03	2.49E-01		53	0.0008223		61	0.000946		10	0.000155		5	7.75783E-08		27	4.18923E-07		77	1.19471E-06		194	3.01004E-06
25.33306	484	5.78E-04	7.24E-04	1.74E-01		53	0.0005725		61	0.000659		10	0.000108		5	5.40124E-08		27	2.91667E-07		77	8.31791E-07		194	2.09568E-06
25.39972	488	3.39E-04	4.59E-04	1.10E-01		53	0.0003628		61	0.000418		10	6.85E-05		5	3.42304E-08		27	1.84844E-07		77	5.27149E-07		194	1.32814E-06
25.46639	492	1.41E-04	2.40E-04	5.76E-02		53	0.00019		61	0.000219		10	3.58E-05		5	1.79241E-08		27	9.67904E-08		77	2.76032E-07		194	6.95457E-07

Conduit CSO 1012

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
4.67E+04	5.67	109.58	342.48	23.37	0.02	0.14	0.25	0.78

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
18.79972	0	1.42E-04			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
18.86639	4	3.54E-04	2.48E-04	5.95E-02		80	0.0002962		761.5	0.00282		36.5	0.000135		7.5	2.77701E-08		172.5	6.39E-07		283.5	1.04971E-06		639	2.37E-06
18.93306	8	6.19E-04	4.87E-04	1.17E-01		80	0.0005811		761.5	0.005531		36.5	0.000265		7.5	5.44746E-08		172.5	1.25E-06		283.5	2.05914E-06		639	4.64E-06
18.99972	12	9.19E-04	7.69E-04	1.85E-01		80	0.0009186		761.5	0.008744		36.5	0.000419		7.5	8.61199E-08		172.5	1.98E-06		283.5	3.25533E-06		639	7.34E-06
19.06639	16	1.24E-03	1.08E-03	2.59E-01	69	58	0.0012866	451	358.5	0.012247	24	17.5	0.000587	4	5.5	1.2062E-07	130	107	2.77E-06	198	147.5	4.55944E-06	446	410.5	1.03E-05
19.13305	20	1.57E-03	1.40E-03	3.36E-01		58	0.0012132		358.5	0.007499		17.5	0.000366		5.5	1.15042E-07		107	2.24E-06		147.5	3.08521E-06		410.5	8.59E-06
19.19972	24	1.93E-03	1.75E-03	4.19E-01		58	0.0015122		358.5	0.009347		17.5	0.000456		5.5	1.43403E-07		107	2.79E-06		147.5	3.8458E-06		410.5	1.07E-05
19.26639	28	2.32E-03	2.12E-03	5.10E-01	47	42	0.0018394	266	238.5	0.01137	11	9.5	0.000555	7	5.5	1.74429E-07	84	69.5	3.39E-06	97	90.5	4.67787E-06	375	307	1.3E-05
19.33306	32	2.82E-03	2.57E-03	6.17E-01		42	0.0016114		238.5	0.009151		9.5	0.000364		5.5	2.11019E-07		69.5	2.67E-06		90.5	3.47222E-06		307	1.18E-05
19.39972	36	3.65E-03	3.23E-03	7.76E-01		42	0.0020283		238.5	0.011518		9.5	0.000459		5.5	2.65606E-07		69.5	3.36E-06		90.5	4.37043E-06		307	1.48E-05
19.46639	40	6.00E-03	4.83E-03	1.16E+00		42	0.0030255		238.5	0.017181		9.5	0.000684		5.5	3.96201E-07		69.5	5.01E-06		90.5	6.51931E-06		307	2.21E-05
19.53306	44	1.09E-02	8.44E-03	2.03E+00	37	32	0.0052842	211	192.5	0.030064	8	7	0.001198	4	3.5	6.93293E-07	55	57	8.76E-06	84	101.5	1.14078E-05	239	258.5	3.87E-05
19.59972	48	2.10E-02	1.60E-02	3.83E+00		32	0.007627		192.5	0.045881		7	0.001668		3.5	8.34202E-07		57	1.36E-05		101.5	2.41919E-05		258.5	6.16E-05
19.66639	52	5.19E-02	3.65E-02	8.75E+00		32	0.0174242		192.5	0.104818		7	0.003812		3.5	1.90578E-06		57	3.1E-05		101.5	5.52675E-05		258.5	0.000141
19.73306	56	0.1036844	7.78E-02	1.87E+01		32	0.0371644		192.5	0.223567		7	0.00813		3.5	4.06486E-06		57	6.62E-05		101.5	0.000117881		258.5	0.0003
19.79972	60	0.1702155	1.37E-01	3.29E+01	27	32	0.0654243	174	166.5	0.393568	6	7	0.014312	3	2	7.15578E-06	59	70.5	0.000117	119	102	0.000207518	278	310	0.000529
19.86639	64	0.3965465	2.83E-01	6.80E+01		32	0.135378		166.5	0.704389		7	0.029614		2	8.46112E-06		70.5	0.000298		102	0.000431517		310	0.001311
19.93306	68	0.9072418	6.52E-01	1.56E+02		32	0.3114257		166.5	1.620387		7	0.068124		2	1.94641E-05		70.5	0.000686		102	0.000992669		310	0.003017
19.99972	72	1.47731	1.19E+00	2.86E+02		32	0.5695791		166.5	2.963591		7	0.124595		2	3.55987E-05		70.5	0.001255		102	0.001815533		310	0.005518
20.06639	76	2.038563	1.76E+00	4.22E+02	37	37.5	0.8398089	159	138	4.369631	8	7	0.183708	1	3.5	5.24881E-05	82	65.5	0.00185	85	81.5	0.002876891	342	325.5	0.008136
20.13305	80	2.582916	2.31E+00	5.55E+02		37.5	1.2936285		138	4.760553		7	0.241477		3.5	0.000120739		65.5	0.00226		81.5	0.002811486		325.5	0.011229
20.19972	84	3.069603	2.83E+00	6.78E+02		37.5	1.5822337		138	5.82262		7	0.29535		3.5	0.000147675		65.5	0.002764		81.5	0.003438721		325.5	0.013734
20.26639	88	3.492533	3.28E+00	7.87E+02		37.5	1.8368505		138	6.75961		7	0.342879		3.5	0.000171439		65.5	0.003208		81.5	0.003992088		325.5	0.015944
20.33306	92	3.855326	3.67E+00	8.82E+02	38	29	2.0567874	117	110.5	7.568978	6	5.5	0.383934	6	8	0.000191967	49	36	0.003593	78	66	0.004470085	309	264	0.017853
20.39972	96	4.156299	4.01E+00	9.61E+02		29	1.7342669		110.5	6.608155		5.5	0.326913		8	0.000478418		36	0.002153		66	0.003946852		264	0.015788
20.46639	100	4.405783	4.28E+00	1.03E+03		29	1.8534237		110.5	7.062183		5.5	0.351511		8	0.000511289		36	0.002301		66	0.004216137		264	0.016873
20.53306	104	4.60937	4.51E+00	1.08E+03	20	28	1.9514994	104	111	7.435886	5	6	0.370112	10	7.5	0.000538345	23	37	0.002423	54	50	0.004441343	219	258	0.017765
20.59972	108	4.763261	4.69E+00	1.12E+03		28	1.9589208		111	7.765722		6	0.419769		7.5	0.000524711		37	0.002589		50	0.003498073		258	0.01805
20.66639	112	5.056242	4.91E+00	1.18E+03		28	2.052319		111	8.135979		6	0.439783		7.5	0.000549728		37	0.002712		50	0.003664855		258	0.018911
20.73306	116	5.181248	5.12E+00	1.23E+03		28	2.1396801		111	8.482303		6	0.458503		7.5	0.000573129		37	0.002827		50	0.003820857		258	0.019716
20.79972	120	5.185606	5.18E+00	1.24E+03	36	35	2.1667177	118	142.5	8.589488	7	8	0.464297	5	5	0.000580371	51	53	0.002863	46	51.5	0.003869139	297	258	0.019965
20.86639	124	5.13977	5.16E+00	1.24E+03		35	2.6975608		142.5	10.98293		8	0.616585		5	0.000385366		53	0.004085		51.5	0.003969268		258	0.019685
20.93306	128	5.077711	5.11E+00	1.23E+03		35	2.6693727		142.5	10.86816		8	0.610142		5	0.000381339		53	0.004042		51.5	0.003927791		258	0.019677
20.99972	132	5.015494	5.05E+00	1.21E+03		35	2.6369049		142.5	10.73597		8	0.602721		5	0.000376701		53	0.003993		51.5	0.003880017		258	0.019438
21.06639	136	4.959668	4.99E+00	1.20E+03	34	29.5	2.6060655	167	126.5	10.61041	9	8	0.595672	5	4	0.000372295	55	56.5	0.003946	57	60.5	0.003834639	219	235.5	0.01921
21.13305	140	4.91235	4.94E+00	1.18E+03		29.5	2.1738285		126.5	9.321671		8	0.589513		4	0.000294756		56.5	0.004163		60.5	0.004458191		235.5	0.017354
21.19972	144	4.873915	4.89E+00	1.17E+03		29.5	2.1549456		126.5	9.240699		8	0.584392		4	0.000292196		56.5	0.004127		60.5	0.004419465		235.5	0.017203
21.26639	148	4.843743	4.86E+00	1.17E+03		29.5	2.1398383		126.5	9.175917		8	0.580295		4	0.000290148		56.5	0.004098		60.5	0.004388482		235.5	0.017082
21.33306	152	4.82038	4.83E+00	1.16E+03	25	27.5	2.1280498	86	107.5	9.125366	7	8	0.577098	3	3	0.000288549	58	59.5	0.004076	64	64.5	0.004364306	252	277	0.016988
21.39972	156	4.802496	4.81E+00	1.15E+03		27.5	1.9753084		107.5	7.72166		8	0.574635		3	0.000215488		59.5	0.004274		64.5	0.004632996		277	0.019697
21.46639	160	4.789011	4.80E+00	1.15E+03		27.5	1.9688692		107.5	7.696489		8	0.572762		3	0.000214788		59.5	0.00428		64.5	0.004617893		277	0.019632
21.53306	164	4.779019	4.78E+00	1.15E+03		27.5	1.96405		107.5	7.67765		8	0.57136		3	0.00021426		59.5	0.004249		64.5	0.00460659		277	0.019783
21.59972	168	4.771784	4.78E+00	1.15E+03	30	40.5	1.9605138	129	118	7.663827	9	9.5	0.570331	3	4	0.000213874	61	54	0.004242	65	64	0.004598296	302	269	0.019748
21.66639	172	4.766644	4.77E+00	1.14E+03		40.5	2.8835611		118	8.401487		9.5	0.676391		4	0.000284796		54	0.003845		64	0.004556738		269	0.019153
21.73306	176	4.76315	4.76E+00	1.14E+03		40.5	2.8809509		118	8.393882		9.5	0.675779		4	0.000284538		54	0.003841		64	0.004552614		269	0.019135
21.79972	180	4.760839	4.76E+00	1.14E+03	51	47	2.879196	107	114	8.388769	10	9	0.675367	5	7	0.000284365	47	48	0.003839	63	102.5	0.004549841	236	271	0.019124
21.86639	184	4.759729	4.76E+00	1.14E+03		47	3.340089		114	8.101493		9	0.639592		7	0.00049746		48	0.003411		102.5	0.007284237		271	0.019259
21.93306	188	4.759156	4.76E+00	1.14E+03		47	3.3394986		114	8.10006		9	0.639478		7	0.000497372		48	0.003411		102.5	0.007282949		271	0.019255
21.99972	192	4.759578	4.76E+00	1.14E+03		47	3.3394456		114	8.099932		9	0.639468		7	0.000497364		48	0.00341		102.5	0.007282833		271	0.019255
22.06639	196	4.756198	4.76E+00	1.14E+03		47	3.3384078		114	8.097415		9	0.63927	9	7	0.00049721	49	42	0.003409	142	140.5	0.00728057	306	294	0.019249
22.13305	200	4.677989	4.72E+00	1.13E+03		47	3.3097841		114	8.027987		9	0.633788		7	0.000492947		42	0.002958		140.5	0.009694142		294	0.020704
22.19972	204	4.51352	4.60E+00	1.10E+03		47	3.2246457		114	7.821481		9	0.617485		7	0.000480266		42	0.002882		140.5	0.009639632		294	0.020171
22.26639	208	3.880527	4.20E+00	1.01E+03		47	2.9448731		114	7.142884		9	0.563912		7	0.000438598		42	0.002632		140.5	0.008803291		294	0.018421
22.33306	212	3.561071	3.72E+00	8.93E+02		47	2.6107266		114	6.332401		9	0.499926		7	0.000388832		42	0.002333		140.5	0.007804406		294	0.016331
22.39972	216	3.299483	3.43E+00	8.23E+02		47	2.4068796		114	5.837963		9	0.460892		7	0.000358471		42	0.002151		140.5	0.007195034		294	0.015056
22.46639	220	3.036481	3.17E+00	7.60E+02		47	2.2228384		114	5.391565		9	0.42565		7	0.000331061		42	0.001986		140.5	0.006644868		294	0.013905

Conduit CSO 1012

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
4.67E+04	5.67	109.58	342.48	23.37	0.02	0.14	0.25	0.78

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
22.53306	224	2.825298	2.93E+00	7.03E+02		47	2.0564806			114 4.988059			9 0.393794	5	4	0.000306284	35	37.5	0.001838	139	120.5	0.006147564	282	252.5	0.012864
22.59972	228	2.575878	2.70E+00	6.48E+02		47	1.8948879			114 4.596111			9 0.362851		4	0.000161287		37.5	0.001512		120.5	0.00485617		252.5	0.01018
22.66639	232	2.319865	2.45E+00	5.87E+02		47	1.7175674			114 4.166015			9 0.328896		4	0.000146176		37.5	0.00137		120.5	0.004403551		252.5	0.009227
22.73306	236	2.089394	2.20E+00	5.29E+02		47	1.5468948			114 3.752043			9 0.296214		4	0.000131651		37.5	0.001234		120.5	0.003965975		252.5	0.00831
22.79972	240	1.902272	2.00E+00	4.79E+02	43	48	1.4003912	121		91 3.396694	8		9 0.26816	3	4	0.000119182	40	37.5	0.001117	102	120.5	0.003590365	223	252.5	0.007523
22.86639	244	1.760649	1.83E+00	4.40E+02		48	1.3123997			91 2.488091			9 0.246075		4	0.000109367		37.5	0.001025		120.5	0.00329487		252.5	0.006904
22.93306	248	1.649198	1.70E+00	4.09E+02		48	1.221725			91 2.316187			9 0.229073		4	0.00010181		37.5	0.000954		120.5	0.003067039		252.5	0.006427
22.99972	252	1.559465	1.60E+00	3.85E+02		48	1.1496421			91 2.17953			9 0.215558		4	9.58035E-05		37.5	0.000898		120.5	0.002886081		252.5	0.006048
23.06639	256	1.471093	1.52E+00	3.64E+02		48	1.0858283			91 2.05855			9 0.203593	5	5	9.04857E-05	35	35	0.000848	139	139	0.002725881	282	282	0.005712
23.13305	260	1.36992	1.42E+00	3.41E+02		48	1.0179156			91 1.929798			9 0.190859		5	0.000106033		35	0.000742		139	0.002947714		282	0.00598
23.19972	264	1.264161	1.32E+00	3.16E+02		48	0.9437733			91 1.789237			9 0.176957		5	9.83097E-05		35	0.000688		139	0.00273301		282	0.005545
23.26639	268	1.146721	1.21E+00	2.90E+02		48	0.8645192			91 1.638984			9 0.162097		5	9.00541E-05		35	0.00063		139	0.002503504		282	0.005079
23.33306	272	1.030468	1.09E+00	2.62E+02		48	0.7807886			91 1.480245			9 0.146398	5	5	8.13321E-05	35	35	0.000569	139	139	0.002261034	282	282	0.004587
23.39972	276	0.896989	9.64E-01	2.31E+02		48	0.6905947			91 1.309253			9 0.129487		5	7.1937E-05		35	0.000504		139	0.001999847		282	0.004057
23.46639	280	0.7704042	8.34E-01	2.00E+02		48	0.5974156			91 1.1328			9 0.112015		5	6.22308E-05		35	0.000436		139	0.001730018		282	0.00351
23.53306	284	0.6716658	7.21E-01	1.73E+02		48	0.5166839			91 0.979547			9 0.096878	5	4	5.38212E-05	35	33.5	0.000377	139	96	0.00149823	282	215	0.003036
23.59972	288	0.5795437	6.26E-01	1.50E+02		48	0.4482999			91 0.849902			9 0.084056		4	3.73583E-05		33.5	0.000313		96	0.0006966		215	0.002008
23.66639	292	0.4905512	5.35E-01	1.28E+02		48	0.3834077			91 0.726877			9 0.071889		4	3.19506E-05		33.5	0.000268		96	0.000766815		215	0.001717
23.73306	296	0.4063906	4.49E-01	1.08E+02		48	0.3220647			91 0.610619			9 0.060391		4	2.68404E-05		33.5	0.000225		96	0.000644169		215	0.001443
23.79972	300	0.3385434	3.73E-01	8.96E+01	53	53	0.2676214	61		61 0.507366	10		10 0.050179	3	4	2.23018E-05	32	29.5	0.000187	53	65	0.000535243	148	171	0.001199
23.86639	304	0.2783886	3.08E-01	7.40E+01		53	0.2440678			61 0.280908			10 0.046051		4	1.84202E-05		29.5	0.000136		65	0.000299328		171	0.000767
23.93306	308	0.2252036	2.52E-01	6.04E+01		53	0.1992288			61 0.229301			10 0.03759		4	1.50361E-05		29.5	0.000111		65	0.000244337		171	0.000643
23.99972	312	0.1806718	2.03E-01	4.87E+01		53	0.1605706			61 0.184808			10 0.030298		4	1.21185E-05		29.5	8.94E-05		65	0.000196926		171	0.000518
24.06639	316	0.1400872	1.60E-01	3.85E+01		53	0.1268972			61 0.146051			10 0.023943	5	5	9.57715E-06	27	27	7.06E-05	77	77	0.000155629	194	194	0.000409
24.13305	320	9.61E-02	1.18E-01	2.83E+01		53	0.0934468			61 0.107552			10 0.017631		5	8.81574E-06		27	4.76E-05		77	0.000135762		194	0.000342
24.19972	324	5.35E-02	7.48E-02	1.79E+01		53	0.0591768			61 0.068109			10 0.011165		5	5.58271E-06		27	3.01E-05		77	8.59736E-05		194	0.000217
24.26639	328	2.57E-02	3.96E-02	9.49E+00		53	0.031299			61 0.038023			10 0.005905		5	2.95274E-06		27	1.59E-05		77	4.54722E-05		194	0.000115
24.33306	332	1.30E-02	1.93E-02	4.64E+00		53	0.0153077			61 0.017618			10 0.002888		5	1.44412E-06		27	7.8E-06		77	2.22395E-05		194	5.6E-05
24.39972	336	4.99E-03	9.02E-03	2.16E+00		53	0.0071343			61 0.008211			10 0.001346		5	6.73045E-07		27	3.63E-06		77	1.03649E-05		194	2.61E-05
24.46639	340	8.43E-04	2.92E-03	7.00E-01		53	0.0023084			61 0.002657			10 0.000436		5	2.17769E-07		27	1.18E-06		77	3.35365E-06		194	8.45E-06
	344		4.21E-04	1.01E-01		53	0.0003333			61 0.000384			10 6.29E-05	5	5	3.1448E-08	27	27	1.7E-07	77	77	4.843E-07	194	194	1.22E-06
	348		0.00E+00	0.00E+00		53	0			61 0			10 0		5	0		27	0		77	0			194	0
	352		0.00E+00	0.00E+00		53	0			61 0			10 0		5	0		27	0		77	0			194	0
	356		0.00E+00	0.00E+00		53	0			61 0			10 0		5	0		27	0		77	0			194	0
	360		0.00E+00	0.00E+00		53	0			61 0			10 0		5	0		27	0		77	0			194	0

Conduit CSO 1013

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
3.29E+03	6.33	7.68	23.56	1.65	0.00	0.01	0.02	0.05

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
18.19972	0	1.21E-04			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
18.26639	4	3.59E-04	2.40E-04	5.76E-02		80	0.0002866		761.5	0.002728		36.5	0.000131		7.5	2.68698E-08		172.5	6.18006E-07		283.5	1.01568E-06		639	2.28931E-06
18.33306	8	7.16E-04	5.38E-04	1.29E-01		80	0.0006424		761.5	0.006115		36.5	0.000293		7.5	6.02247E-08		172.5	1.38517E-06		283.5	2.27649E-06		639	5.13114E-06
18.39972	12	1.17E-03	9.43E-04	2.26E-01		80	0.0011257		761.5	0.010715		36.5	0.000514		7.5	1.05535E-07		172.5	2.42731E-06		283.5	3.98924E-06		639	8.99182E-06
18.46639	16	1.71E-03	1.44E-03	3.45E-01	69	58	0.0017164	451	358.5	0.016338	24	17.5	0.000783	4	5.5	1.60912E-07	130	107	3.70099E-06	198	147.5	6.08249E-06	446	410.5	1.37097E-05
18.53306	20	2.31E-03	2.01E-03	4.82E-01		58	0.0017398		358.5	0.010754		17.5	0.000525		5.5	1.64985E-07		107	3.20971E-06		147.5	4.4246E-06		410.5	1.23139E-05
18.59972	24	2.86E-03	2.64E-03	6.33E-01		58	0.0022839		358.5	0.014117		17.5	0.000689		5.5	2.16577E-07		107	4.21341E-06		147.5	5.80821E-06		410.5	1.61645E-05
18.66639	28	3.63E-03	3.30E-03	7.91E-01	47	42	0.0028535	266	238.5	0.017638	11	9.5	0.000881	7	5.5	2.70595E-07	84	69.5	5.2643E-06	97	90.5	7.25687E-06	375	307	2.01962E-05
18.73306	32	4.28E-03	3.96E-03	9.49E-01		42	0.0024801		238.5	0.014084		9.5	0.000561		5.5	3.24779E-07		69.5	4.10402E-06		90.5	5.34408E-06		307	1.81286E-05
18.79972	36	4.90E-03	4.59E-03	1.10E+00		42	0.0028773		238.5	0.016339		9.5	0.000651		5.5	3.76795E-07		69.5	4.76132E-06		90.5	6.19999E-06		307	2.1032E-05
18.86639	40	5.43E-03	5.17E-03	1.24E+00		42	0.0032386		238.5	0.018391		9.5	0.000733		5.5	4.24106E-07		69.5	5.35916E-06		90.5	6.97847E-06		307	2.36728E-05
18.93306	44	5.88E-03	5.66E-03	1.36E+00	37	32	0.0035483	211	192.5	0.020149	8	7	0.000803	4	3.5	4.6466E-07	55	57	5.87162E-06	84	101.5	7.64578E-06	239	258.5	2.59365E-05
18.99972	48	6.27E-03	6.08E-03	1.46E+00		32	0.0029022		192.5	0.017459		7	0.000635		3.5	3.17428E-07		57	5.16954E-06		101.5	9.2054E-06		258.5	2.34443E-05
19.06639	52	6.66E-03	6.48E-03	1.55E+00		32	0.0030939		192.5	0.018612		7	0.000677		3.5	3.38392E-07		57	5.51095E-06		101.5	9.81336E-06		258.5	2.49926E-05
19.13305	56	7.30E-03	6.99E-03	1.68E+00		32	0.0033414		192.5	0.020101		7	0.000731		3.5	3.65467E-07		57	5.9519E-06		101.5	1.05966E-05		258.5	2.69924E-05
19.19972	60	8.37E-03	7.84E-03	1.88E+00	27	32	0.0037433	174	166.5	0.022518	6	7	0.000819	3	2	4.09422E-07	59	70.5	6.66774E-06	119	102	1.16733E-05	278	310	3.02388E-05
19.26639	64	1.03E-02	9.31E-03	2.23E+00		32	0.0044482		166.5	0.023144		7	0.000973		2	2.7801E-07		70.5	9.79985E-06		102	1.41785E-05		310	3.30915E-05
19.33306	68	1.34E-02	1.16E-02	2.83E+00		32	0.0056417		166.5	0.029354		7	0.001234		2	3.52604E-07		70.5	1.24293E-05		102	1.79628E-05		310	4.19191E-05
19.39972	72	1.82E-02	1.58E-02	3.79E+00		32	0.007543		166.5	0.039247		7	0.00165		2	4.71436E-07		70.5	1.66181E-05		102	2.40433E-05		310	5.46536E-05
19.46639	76	2.86E-02	2.34E-02	5.62E+00	37	37.5	0.0111848	159	138	0.058196	8	7	0.002447	1	3.5	6.99052E-07	82	65.5	2.46416E-05	85	81.5	3.56517E-05	342	325.5	0.000108353
19.53306	80	5.04E-02	3.95E-02	9.49E+00		37.5	0.0221253		138	0.081421		7	0.00413		3.5	2.06503E-06		65.5	3.86456E-05		81.5	4.80857E-05		325.5	0.000192048
19.59972	84	7.50E-02	6.27E-02	1.51E+01		37.5	0.0351116		138	0.129211		7	0.006554		3.5	3.27709E-06		65.5	6.13283E-05		81.5	7.63093E-05		325.5	0.000304769
19.66639	88	0.110982	9.30E-02	2.23E+01		37.5	0.052061		138	0.191584		7	0.009718		3.5	4.85903E-06		65.5	9.09332E-05		81.5	0.000113146		325.5	0.000451889
19.73306	92	0.1668688	1.39E-01	3.33E+01	38	29	0.077775	117	110.5	0.286212	6	5.5	0.014518	6	8	7.259E-06	49	36	0.000135847	76	66	0.000169031	309	264	0.000675087
19.79972	96	0.2354426	2.01E-01	4.83E+01		29	0.0870879		110.5	0.331835		5.5	0.016517		8	2.40242E-05		36	0.000108109		66	0.0001962		264	0.0007928
19.86639	100	0.2990765	2.67E-01	6.41E+01		29	0.1157067		110.5	0.440882		5.5	0.021944		8	3.19191E-05		36	0.000143636		66	0.000263333		264	0.00105333
19.93306	104	0.3642884	3.32E-01	7.96E+01	20	28	0.1435978	104	111	0.547157	5	6	0.027234	10	7.5	3.96132E-05	23	37	0.000178259	54	50	0.000326809	219	258	0.001307235
19.99972	108	0.4210051	3.93E-01	9.42E+01		28	0.1641298		111	0.650657		6	0.035171		7.5	4.39633E-05		37	0.000216886		50	0.000293089		258	0.001512339
20.06639	112	0.4659917	4.43E-01	1.06E+02		28	0.1853862		111	0.734924		6	0.039726		7.5	4.9657E-05		37	0.000244975		50	0.000331047		258	0.001706201
20.13305	116	0.4987441	4.82E-01	1.16E+02		28	0.201834		111	0.799335		6	0.043207		7.5	5.40091E-05		37	0.000266445		50	0.000360061		258	0.001857913
20.19972	120	0.5200511	5.09E-01	1.22E+02	36	35	0.2129326	118	142.5	0.844128	7	8	0.045628	5	5	5.70355E-05	51	53	0.000281375	46	51.5	0.000380237	297	258	0.001982022
20.26639	124	0.5355069	5.28E-01	1.27E+02		35	0.2757703		142.5	1.122779		8	0.063033		5	3.93958E-05		53	0.000417595		51.5	0.000405776		258	0.002032821
20.33306	128	0.5469695	5.41E-01	1.30E+02		35	0.2828029		142.5	1.151412		8	0.064641		5	4.04004E-05		53	0.000428244		51.5	0.000416124		258	0.002084661
20.39972	132	0.5553851	5.51E-01	1.32E+02		35	0.2879962		142.5	1.172556		8	0.065828		5	4.11423E-05		53	0.000436108		51.5	0.000423766		258	0.002122943
20.46639	136	0.5614638	5.58E-01	1.34E+02	34	29.5	0.2917829	167	126.5	1.187973	9	8	0.066693	5	4	4.16833E-05	55	56.5	0.000441843	57	60.5	0.000429338	219	235.5	0.002150857
20.53306	140	0.5657039	5.64E-01	1.35E+02		29.5	0.2482035		126.5	1.06433		8	0.067309		4	3.36547E-05		56.5	0.000475373		60.5	0.000509027		235.5	0.001981421
20.59972	144	0.5658455	5.66E-01	1.36E+02		29.5	0.2491683		126.5	1.068468		8	0.067571		4	3.37855E-05		56.5	0.000477221		60.5	0.000511006		235.5	0.001989124
20.66639	148	0.3873452	4.77E-01	1.14E+02		29.5	0.2098936		126.5	0.900052		8	0.05692		4	2.84601E-05		56.5	0.000402		60.5	0.00043046		235.5	0.001675591
20.73306	152	0.2992122	3.43E-01	8.24E+01	25	27.5	0.1511806	86	107.5	0.648283	7	8	0.040998	3	3	2.04991E-05	58	59.5	0.000289549	64	64.5	0.000310048	252	277	0.001206883
20.79972	156	0.2591057	2.79E-01	6.70E+01		27.5	0.1146071		107.5	0.44801		8	0.03334		3	1.25026E-05		59.5	0.000247968		64.5	0.000268806		277	0.001154406
20.86639	160	0.23288	2.46E-01	5.90E+01		27.5	0.100991		107.5	0.394783		8	0.029379		3	1.10172E-05		59.5	0.000218508		64.5	0.00023687		277	0.001017254
20.93306	164	0.2127922	2.23E-01	5.35E+01		27.5	0.0914841		107.5	0.35762		8	0.026614		3	9.98008E-06		59.5	0.000197938		64.5	0.000214572		277	0.000921494
20.99972	168	0.1959146	2.04E-01	4.90E+01	30	40.5	0.0838961	129	118	0.327958	9	9.5	0.024406	3	4	9.1523E-06	61	54	0.000181521	65	64	0.000196775	302	269	0.000845063
21.06639	172	0.183565	1.90E-01	4.55E+01		40.5	0.1147204		118	0.334247		9.5	0.02691		4	1.13304E-05		54	0.000152961		64	0.000181287		269	0.00076197
21.13305	176	0.1746494	1.79E-01	4.30E+01		40.5	0.1082918		118	0.315517		9.5	0.025402		4	1.06955E-05		54	0.000144389		64	0.000171128		269	0.000719271
21.19972	180	0.1681069	1.71E-01	4.11E+01	51	47	0.1036186	107	114	0.301901	10	9	0.024306	5	7	1.02339E-05	47	48	0.000138158	63	102.5	0.000163743	236	271	0.000688232
21.26639	184	0.1632256	1.66E-01	3.98E+01		47	0.116241		114	0.281946		9	0.022259		7	1.73125E-05		48	0.000116714		102.5	0.000253504		271	0.0006702
21.33306	188	0.1594773	1.61E-01	3.87E+01		47	0.1132135		114	0.274603		9	0.021679		7	1.68616E-05		48	0.000115622		102.5	0.000248902		271	0.000652784
21.39972	192	0.1564867	1.58E-01	3.79E+01		47	0.1108493		114	0.268868		9	0.021226		7	1.65095E-05		48	0.000113208		102.5	0.000241746		271	0.000639152
21.46639	196	0.1540915	1.55E-01	3.73E+01		47	0.1089598		114	0.264285		9	0.020865	9	7	1.6228E-05	49	42	0.000111278	142	140.5	0.000237625	306	294	0.000626257
21.53306	200	0.1521205	1.53E-01	3.67E+01		47	0.107428		114	0.26057		9	0.020571		7	1.59999E-05		42	9.59995E-05		140.5	0.000321141		294	0.000671996
21.59972	204	0.1504819	1.51E-01	3.63E+01		47	0.1061616		114	0.257498		9	0.020329		7	1.58113E-05		42	9.48678E-05		140.5	0.000317355		294	0.000664075
21.66639	208	0.1491013	1.50E-01	3.59E+01		47	0.1051024		114	0.254929		9	0.020126		7	1.56535E-05		42	9.39213E-05		140.5	0.000314189		294	0.000657449
21.73306	212	0.1479384	1.49E-01	3.56E+01		47	0.1042101		114	0.252765		9	0.019955		7	1.55206E-05		42	9.31239E-05		140.5	0.000311522		294	0.000651867
21.79972	216	0.1468467	1.47E-01	3.54E+01		47	0.1034191		114	0.250846		9	0.019804		7	1.54028E-05		42	9.24171E-05		140.5	0.000309157		294	0.000646919

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Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
3.29E+03	6.33	7.68	23.56	1.65	0.00	0.01	0.02	0.05

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
21.66639	220	0.1459255	1.46E-01	3.51E+01		47	0.1027129		114	0.249133		9	0.019668		7	1.52977E-05		42	9.1786E-05		140.5	0.000307046		294	0.000642502
21.93306	224	0.1450623	1.45E-01	3.49E+01		47	0.1020869		114	0.247615		9	0.019549	5	4	1.52044E-05	35	37.5	9.12266E-05	139	120.5	0.000305175	282	252.5	0.000638586
21.99972	228	0.1442247	1.45E-01	3.47E+01		47	0.1014902		114	0.246168		9	0.019434		4	8.63746E-06		37.5	8.09762E-05		120.5	0.000260204		252.5	0.00054524
22.06639	232	0.1427791	1.44E-01	3.44E+01		47	0.1006892		114	0.244225		9	0.019281		4	8.56929E-06		37.5	8.03371E-05		120.5	0.00025815		252.5	0.000540937
22.13305	236	0.1248365	1.34E-01	3.21E+01		47	0.0938872		114	0.227727		9	0.017978		4	7.9904E-06		37.5	7.491E-05		120.5	0.000240711		252.5	0.000504394
22.19972	240	0.1163642	1.21E-01	2.89E+01	43	48	0.0846201	121	91	0.205249	8	9	0.016204	3	4	7.20171E-06	40	37.5	6.75161E-05	102	120.5	0.000216952	223	252.5	0.000454608
22.26639	244	0.2541924	1.85E-01	4.45E+01		48	0.1327679		91	0.251706		9	0.024894		4	1.1064E-05		37.5	0.000103725		120.5	0.000333303		252.5	0.000698415
22.33306	248	0.261524	2.58E-01	6.19E+01		48	0.1647777		91	0.350308		9	0.034646		4	1.53981E-05		37.5	0.000144358		120.5	0.000463869		252.5	0.000972008
22.39972	252	0.2365417	2.49E-01	5.98E+01		48	0.1784536		91	0.338318		9	0.03346		4	1.48711E-05		37.5	0.000139417		120.5	0.000447993		252.5	0.00093874
22.46639	256	0.2064939	2.22E-01	5.32E+01		48	0.1587366		91	0.300938		9	0.029763	5	5	1.32281E-05	35	35	0.000124013	139	139	0.000396495	282	282	0.000835021
22.53306	260	0.1781576	1.92E-01	4.62E+01		48	0.137818		91	0.26128		9	0.025841		5	1.4356E-05		35	0.000100492		139	0.000399096		282	0.000809681
22.59972	264	0.1558784	1.67E-01	4.01E+01		48	0.1196828		91	0.226899		9	0.022441		5	1.2467E-05		35	6.72687E-05		139	0.000346582		282	0.000703137
22.66639	268	0.1387796	1.47E-01	3.54E+01		48	0.105574		91	0.200151		9	0.019795		5	1.09973E-05		35	7.6981E-05		139	0.000305725		282	0.000620247
22.73306	272	0.1259206	1.32E-01	3.18E+01		48	0.0948404		91	0.179802		9	0.017783	5	5	9.8792E-06	35	35	6.91544E-05	139	139	0.000274642	282	282	0.000557187
22.79972	276	0.1167799	1.21E-01	2.91E+01		48	0.088958		91	0.164858		9	0.016305		5	9.05813E-06		35	6.34069E-05		139	0.000251816		282	0.000510876
22.86639	280	0.11	1.13E-01	2.72E+01		48	0.0812537		91	0.154043		9	0.015235		5	8.46393E-06		35	5.92475E-05		139	0.000235297		282	0.000477365
22.93306	284	0.1045915	1.07E-01	2.58E+01		48	0.0768867		91	0.145764		9	0.014416	5	4	8.00903E-06	35	33.5	5.60632E-05	139	96	0.000222651	282	215	0.000451709
22.99972	288	0.1002322	1.02E-01	2.46E+01		48	0.0733869		91	0.139129		9	0.01376		4	6.11558E-06		33.5	5.1218E-05		96	0.000146774		215	0.000328712
23.06639	292	9.66E-02	9.84E-02	2.36E+01		48	0.0705193		91	0.133693		9	0.013222		4	5.87661E-06		33.5	4.92166E-05		96	0.000141039		215	0.000315868
23.13305	296	9.14E-02	9.40E-02	2.26E+01		48	0.0673418		91	0.127669		9	0.012627		4	5.61182E-06		33.5	4.6999E-05		96	0.000134684		215	0.000301635
23.19972	300	8.41E-02	8.77E-02	2.11E+01	53	53	0.0628877	61	61	0.119187	10	10	0.011788	3	4	5.23897E-06	32	29.5	4.38764E-05	53	65	0.000125735	148	171	0.000281595
23.26639	304	7.56E-02	7.99E-02	1.92E+01		53	0.0631979		61	0.072737		10	0.011924		4	4.76965E-06		29.5	3.51762E-05		65	7.75069E-05		171	0.000203903
23.33306	308	6.68E-02	7.12E-02	1.71E+01		53	0.056343		61	0.064848		10	0.010631		4	4.2523E-06		29.5	3.13607E-05		65	6.90999E-05		171	0.000181786
23.39972	312	5.80E-02	6.24E-02	1.50E+01		53	0.0493606		61	0.056811		10	0.009313		4	3.72533E-06		29.5	2.74743E-05		65	6.05366E-05		171	0.000159256
23.46639	316	4.72E-02	5.26E-02	1.26E+01		53	0.0416193		61	0.047902		10	0.007853	5	5	3.14108E-06	27	27	2.31655E-05	77	77	5.10426E-05	194	194	0.000134281
23.53306	320	3.77E-02	4.24E-02	1.02E+01		53	0.0335711		61	0.038638		10	0.006334		5	3.16708E-06		27	1.71023E-05		77	4.87731E-05		194	0.000122883
23.59972	324	3.04E-02	3.40E-02	8.17E+00		53	0.0269249		61	0.030989		10	0.00508		5	2.54009E-06		27	1.37165E-05		77	3.91174E-05		194	9.85555E-05
23.66639	328	2.47E-02	2.76E-02	6.62E+00		53	0.0218173		61	0.02511		10	0.004116		5	2.05823E-06		27	1.11145E-05		77	3.16988E-05		194	7.98594E-05
23.73306	332	2.10E-02	2.29E-02	5.49E+00		53	0.0181001		61	0.020832		10	0.003415		5	1.70756E-06		27	9.22081E-06		77	2.62964E-05		194	6.62532E-05
23.79972	336	1.86E-02	1.98E-02	4.75E+00		53	0.0156559		61	0.018019		10	0.002954		5	1.47697E-06		27	7.97566E-06		77	2.27454E-05		194	5.73086E-05
23.86639	340	1.66E-02	1.76E-02	4.21E+00		53	0.0138957		61	0.015993		10	0.002622		5	1.31092E-06		27	7.07866E-06		77	2.01881E-05		194	5.08636E-05
23.93306	344	1.49E-02	1.58E-02	3.78E+00		53	0.0124633		61	0.014345		10	0.002352	5	5	1.17578E-06	27	27	6.34922E-06	77	77	1.8107E-05	194	194	4.56203E-05
23.99972	348	1.36E-02	1.43E-02	3.43E+00		53	0.0113031		61	0.013009		10	0.002133		5	1.06633E-06		27	5.75817E-06		77	1.64214E-05		194	4.13735E-05
24.06639	352	1.25E-02	1.31E-02	3.14E+00		53	0.0103465		61	0.011908		10	0.001952		5	9.76088E-07		27	5.27088E-06		77	1.50318E-05		194	3.78722E-05
24.13305	356	1.11E-02	1.18E-02	2.83E+00		53	0.0093425		61	0.010753		10	0.001763		5	8.81368E-07		27	4.75939E-06		77	1.35731E-05		194	3.41971E-05
24.19972	360	9.21E-03	1.01E-02	2.44E+00		53	0.0080296		61	0.009242		10	0.001515		5	7.57512E-07		27	4.09056E-06		77	1.16657E-05		194	2.93915E-05
24.26639	364	7.09E-03	8.15E-03	1.96E+00		53	0.0064459		61	0.007419		10	0.001216		5	6.08107E-07		27	3.28378E-06		77	9.36486E-06		194	2.35946E-05
24.33306	368	4.94E-03	6.01E-03	1.44E+00		53	0.004757		61	0.005475		10	0.000898		5	4.48774E-07		27	2.42338E-06		77	6.91111E-06		194	1.74124E-05
24.39972	372	3.03E-03	3.98E-03	9.56E-01		53	0.0031525		61	0.003628		10	0.000595		5	2.97402E-07		27	1.60597E-06		77	4.57999E-06		194	1.15392E-05
24.46639	376	1.50E-03	2.27E-03	5.44E-01		53	0.0017932		61	0.002064		10	0.000338		5	1.69168E-07		27	9.13506E-07		77	2.60518E-06		194	6.56371E-06
24.53306	380	4.12E-04	9.57E-04	2.30E-01		53	0.0007569		61	0.000871		10	0.000143		5	7.14078E-08		27	3.85602E-07		77	1.09968E-06		194	2.77062E-06

Conduit CSO 1014

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
1.63E+02	2.33	0.40	2.36	0.10	0.00	0.00	0.00	0.00

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
19.73306	0	6.77E-05			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		389	283.5		832	639	
19.79972	4	4.57E-04	2.62E-04	6.29E-02		80	0.000313		761.5	0.002982		36.5	0.000143		7.5	2.93669E-08		172.5	6.75E-07		283.5	1.1101E-06		639	2.5E-06
19.86639	8	2.81E-03	1.63E-03	3.92E-01		80	0.001952		761.5	0.018578		36.5	0.00089		7.5	1.8297E-07		172.5	4.21E-06		283.5	6.9163E-06		639	1.56E-05
19.93306	12	6.05E-03	4.43E-03	1.06E+00		80	0.005289		761.5	0.050348		36.5	0.002413		7.5	4.95872E-07		172.5	1.14E-05		283.5	1.8744E-05		639	4.22E-05
19.99972	16	1.18E-02	8.92E-03	2.14E+00	69	58	0.010651	451	358.5	0.101389	24	17.5	0.00486	4	5.5	9.98578E-07	130	107	2.3E-05	198	147.5	3.7746E-05	446	410.5	8.51E-05
20.06639	20	1.96E-02	1.57E-02	3.77E+00		58	0.013589		358.5	0.083994		17.5	0.0041		5.5	1.28862E-06		107	2.51E-05		147.5	3.4558E-05		410.5	9.62E-05
20.13305	24	2.83E-02	2.40E-02	5.75E+00		58	0.020745		358.5	0.128226		17.5	0.006259		5.5	1.9672E-06		107	3.83E-05		147.5	5.2757E-05		410.5	0.000147
20.19972	28	3.72E-02	3.28E-02	7.86E+00	47	42	0.028362	266	238.5	0.175306	11	9.5	0.008557	7	5.5	2.68949E-06	84	69.5	5.23E-05	97	90.5	7.2127E-05	375	307	0.000201
20.26639	32	4.69E-02	4.20E-02	1.01E+01		42	0.028364		238.5	0.149709		9.5	0.005963		5.5	3.4524E-06		69.5	4.36E-05		90.5	5.6808E-05		307	0.000193
20.33306	36	5.58E-02	5.13E-02	1.23E+01		42	0.032193		238.5	0.182811		9.5	0.007282		5.5	4.21577E-06		69.5	5.33E-05		90.5	6.9369E-05		307	0.000235
20.39972	40	6.25E-02	5.91E-02	1.42E+01		42	0.037075		238.5	0.210532		9.5	0.008386		5.5	4.85503E-06		69.5	6.13E-05		90.5	7.9687E-05		307	0.000271
20.46639	44	6.81E-02	6.53E-02	1.57E+01	37	32	0.040948	211	192.5	0.232527	8	7	0.009262	4	3.5	5.36226E-06	55	57	6.78E-05	84	101.5	8.8233E-05	239	258.5	0.000299
20.53306	48	7.28E-02	7.05E-02	1.69E+01		32	0.033672		192.5	0.202558		7	0.007366		3.5	3.68288E-06		57	6E-05		101.5	0.0001068		258.5	0.000272
20.59972	52	7.29E-02	7.29E-02	1.75E+01		32	0.034804		192.5	0.20937		7	0.007613		3.5	3.80672E-06		57	6.2E-05		101.5	0.00011039		258.5	0.000281
20.66639	56	6.24E-02	6.76E-02	1.62E+01		32	0.032311		192.5	0.194373		7	0.007068		3.5	3.53406E-06		57	5.76E-05		101.5	0.00010249		258.5	0.000261
20.73306	60	4.66E-02	5.45E-02	1.31E+01	27	32	0.026036	174	166.5	0.156624	6	7	0.005695	3	2	2.84771E-06	59	70.5	4.64E-05	119	102	8.2584E-05	278	310	0.00021
20.79972	64	3.12E-02	3.89E-02	9.34E+00		32	0.018593		166.5	0.096744		7	0.004067		2	1.16209E-06		70.5	4.1E-05		102	5.9266E-05		310	0.00018
20.86639	68	1.99E-02	2.56E-02	6.13E+00		32	0.012211		166.5	0.063536		7	0.002671		2	7.63195E-07		70.5	2.69E-05		102	3.8923E-05		310	0.000118
20.93306	72	1.19E-02	1.59E-02	3.81E+00		32	0.007593		166.5	0.039507		7	0.001661		2	4.74559E-07		70.5	1.67E-05		102	2.4202E-05		310	7.36E-05
20.99972	76	6.85E-03	9.37E-03	2.25E+00	37	37.5	0.004478	159	138	0.023297	8	7	0.000979	1	3.5	2.79846E-07	82	65.5	9.86E-06	85	81.5	1.4272E-05	342	325.5	4.34E-05
21.06639	80	4.57E-03	5.71E-03	1.37E+00		37.5	0.003196		138	0.011762		7	0.000597		3.5	2.98311E-07		65.5	5.58E-06		81.5	9.9464E-06		325.5	2.77E-05
21.13305	84	3.09E-03	3.83E-03	9.19E-01		37.5	0.002144		138	0.007889		7	0.0004		3.5	2.00081E-07		65.5	3.74E-06		81.5	4.659E-06		325.5	1.86E-05
21.19972	88	2.11E-03	2.60E-03	6.23E-01		37.5	0.001454		138	0.005352		7	0.000271		3.5	1.35733E-07		65.5	2.54E-06		81.5	3.1606E-06		325.5	1.26E-05
21.26639	92	1.47E-03	1.79E-03	4.30E-01	38	29	0.001003	117	110.5	0.003691	6	5.5	0.000187	6	8	9.36218E-08	49	36	1.75E-06	78	66	2.16E-06	309	264	8.71E-06
21.33306	96	1.06E-03	1.27E-03	3.04E-01		29	0.000549		110.5	0.002091		5.5	0.000104		8	1.51411E-07		36	6.81E-07		66	1.2491E-06		264	5E-06
21.39972	100	7.94E-04	9.27E-04	2.23E-01		29	0.000401		110.5	0.00153		5.5	7.61E-05		8	1.10752E-07		36	4.98E-07		66	9.1371E-07		264	3.65E-06
21.46639	104	6.20E-04	7.07E-04	1.70E-01	20	28	0.000306	104	111	0.001166	5	6	5.8E-05	10	7.5	8.43906E-08	23	37	3.8E-07	54	50	6.9622E-07	219	258	2.78E-06
21.53306	108	5.03E-04	5.61E-04	1.35E-01		28	0.000235		111	0.00093		6	5.03E-05		7.5	6.28261E-08		37	3.1E-07		50	4.1684E-07		258	2.16E-06
21.59972	112	4.25E-04	4.84E-04	1.11E-01		28	0.000194		111	0.000768		6	4.15E-05		7.5	5.19172E-08		37	2.56E-07		50	3.4611E-07		258	1.79E-06
21.66639	116	3.73E-04	3.99E-04	9.57E-02		28	0.000167		111	0.000661		6	3.57E-05		7.5	4.46622E-08		37	2.2E-07		50	2.9775E-07		258	1.54E-06
21.73306	120	3.39E-04	3.56E-04	8.55E-02	36	35	0.000149	118	142.5	0.00059	7	8	3.19E-05	5	5	3.98684E-08	51	53	1.97E-07	46	51.5	2.6579E-07	297	258	1.37E-06
21.79972	124	3.20E-04	3.29E-04	7.91E-02		35	0.000172		142.5	0.000701		8	3.93E-05		5	2.45927E-08		53	2.61E-07		51.5	2.5331E-07		258	1.27E-06
21.86639	128	3.06E-04	3.13E-04	7.51E-02		35	0.000164		142.5	0.000666		8	3.74E-05		5	2.33709E-08		53	2.48E-07		51.5	2.4072E-07		258	1.21E-06
21.93306	132	3.02E-04	3.04E-04	7.30E-02		35	0.000159		142.5	0.000647		8	3.63E-05		5	2.2691E-08		53	2.41E-07		51.5	2.3372E-07		258	1.17E-06
21.99972	136	3.02E-04	3.02E-04	7.24E-02	34	29.5	0.000158	167	126.5	0.000642	9	8	3.6E-05	5	4	2.25177E-08	55	56.5	2.39E-07	57	60.5	2.3193E-07	219	235.5	1.16E-06
22.06639	140	1.76E-04	2.39E-04	5.74E-02		29.5	0.000105		126.5	0.000451		8	2.85E-05		4	1.42708E-08		56.5	2.02E-07		60.5	2.1585E-07		235.5	8.4E-07
	144		8.81E-05	2.12E-02		29.5	3.88E-05		126.5	0.000166		8	1.05E-05		4	5.26373E-09		56.5	7.44E-08		60.5	7.9614E-08		235.5	3.1E-07
	148		0.00E+00	0.00E+00		29.5	0		126.5	0		8	0		4	0		56.5	0		60.5	0		235.5	0
	152		0.00E+00	0.00E+00	25	25	0	86	86	0	7	7	0	3	3	0	58	58	0	64	64	0	252	252	0

Conduit CSO 1016

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
1.09E+04	6.13	26.15	79.05	5.57	0.00	0.03	0.06	0.18

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
18.26639	0	1.80E-04			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
18.33306	4	6.49E-04	4.14E-04	9.95E-02		80	0.000495		761.5	0.004712		36.5	0.000226		7.5	4.64062E-08		172.5	1.07E-06		283.5	1.75415E-06		639	3.95381E-06
18.39972	8	1.30E-03	9.76E-04	2.34E-01		80	0.0011654		761.5	0.011093		36.5	0.000532		7.5	1.09252E-07		172.5	2.51E-06		283.5	4.12974E-06		639	9.30831E-06
18.46639	12	2.13E-03	1.72E-03	4.13E-01		80	0.0020526		761.5	0.01954		36.5	0.000937		7.5	1.92448E-07		172.5	4.43E-06		283.5	7.27455E-06		639	1.63966E-05
18.53306	16	3.10E-03	2.62E-03	6.28E-01	69	58	0.0031272	451	358.5	0.029767	24	17.5	0.001427	4	5.5	2.93175E-07	130	107	6.74E-06	198	147.5	1.1062E-05	446	410.5	2.49785E-05
18.59972	20	4.11E-03	3.61E-03	8.65E-01		58	0.0031218		358.5	0.019296		17.5	0.000942		5.5	2.96034E-07		107	5.76E-06		147.5	7.93909E-06		410.5	2.20949E-05
18.66639	24	5.09E-03	4.60E-03	1.10E+00		58	0.003984		358.5	0.024625		17.5	0.001202		5.5	3.7779E-07		107	7.35E-06		147.5	1.01316E-05		410.5	2.81969E-05
18.73306	28	5.95E-03	5.52E-03	1.33E+00	47	42	0.0047822	266	238.5	0.029559	11	9.5	0.001443	7	5.5	4.53481E-07	84	69.5	8.82E-06	97	90.5	1.21615E-05	375	307	3.38461E-05
18.79972	32	6.83E-03	6.29E-03	1.51E+00		42	0.0039439		238.5	0.022396		9.5	0.000892		5.5	5.16464E-07		69.5	6.53E-06		90.5	8.49817E-06		307	2.88281E-05
18.86639	36	7.10E-03	6.87E-03	1.65E+00		42	0.0043046		238.5	0.024444		9.5	0.000974		5.5	5.63703E-07		69.5	7.12E-06		90.5	9.27548E-06		307	3.14649E-05
18.93306	40	7.53E-03	7.32E-03	1.76E+00		42	0.0045878		238.5	0.026052		9.5	0.001038		5.5	6.0079E-07		69.5	7.59E-06		90.5	9.88572E-06		307	3.3535E-05
18.99972	44	8.50E-03	8.02E-03	1.92E+00	37	32	0.005026	211	192.5	0.02854	8	7	0.001137	4	3.5	6.58165E-07	55	.57	8.32E-06	84	101.5	1.08298E-05	239	258.5	3.67376E-05
19.06639	48	1.09E-02	9.68E-03	2.32E+00		32	0.0046256		192.5	0.027826		7	0.001012		3.5	5.05925E-07		57	8.24E-06		101.5	1.46718E-05		258.5	3.73662E-05
19.13305	52	1.59E-02	1.34E-02	3.21E+00		32	0.0063847		192.5	0.038408		7	0.001397		3.5	6.98329E-07		57	1.14E-05		101.5	2.02515E-05		258.5	5.15766E-05
19.19972	56	2.55E-02	2.07E-02	4.97E+00		32	0.0098919		192.5	0.059506		7	0.002164		3.5	1.08193E-06		57	1.76E-05		101.5	3.13759E-05		258.5	7.9908E-05
19.26639	60	4.18E-02	3.37E-02	8.08E+00	27	32	0.0160863	174	166.5	0.096769	6	7	0.003519	3	2	1.75944E-06	59	70.5	2.87E-05	119	102	5.10238E-05	278	310	0.000129947
19.33306	64	6.74E-02	5.46E-02	1.31E+01		32	0.0260823		166.5	0.135709		7	0.005706		2	1.63014E-06		70.5	5.75E-05		102	8.31373E-05		310	0.000252672
19.39972	68	0.1013491	8.44E-02	2.02E+01		32	0.0403067		166.5	0.209721		7	0.008817		2	2.51917E-06		70.5	8.88E-05		102	0.00012847 8		310	0.000390472
19.46639	72	0.1378376	1.20E-01	2.87E+01		32	0.0571326		166.5	0.297268		7	0.012498		2	3.57079E-06		70.5	0.000126		102	0.00018211		310	0.000553472
19.53306	76	0.177126	1.57E-01	3.76E+01	37	37.5	0.0752329	159	138	0.391446	8	7	0.016457	1	3.5	4.70205E-06	82	65.5	0.000166	85	81.5	0.000239805	342	325.5	0.000728818
19.59972	80	0.2280511	2.03E-01	4.86E+01		37.5	0.1134158		138	0.41737		7	0.021171		3.5	1.05855E-05		65.5	0.000198		81.5	0.00024849		325.5	0.000984449
19.66639	84	0.3137483	2.71E-01	6.50E+01		37.5	0.1516586		138	0.558104		7	0.02831		3.5	1.41548E-05		65.5	0.000265		81.5	0.000329605		325.5	0.001316397
19.73306	88	0.4446025	3.79E-01	9.10E+01		37.5	0.2122749		138	0.781172		7	0.039625		3.5	1.98123E-05		65.5	0.000371		81.5	0.000461344		325.5	0.001842547
19.79972	92	0.6037556	5.24E-01	1.26E+02	38	29	0.2934528	117	110.5	1.079906	6	5.5	0.054778	6	8	2.73889E-05	49	36	0.000513	78	66	0.000637771	309	264	0.00254717
19.86639	96	0.7609683	6.82E-01	1.64E+02		29	0.2954202		110.5	1.125653		5.5	0.056028		8	8.14952E-05		36	0.000367		66	0.000672336		264	0.002689342
19.93306	100	0.8937928	8.27E-01	1.99E+02		29	0.3582042		110.5	1.364881		5.5	0.067935		8	9.88149E-05		36	0.000445		66	0.000815223		264	0.003260893
19.99972	104	0.9967759	9.45E-01	2.27E+02	20	28	0.4092491	104	111	1.55938	5	6	0.077616	10	7.5	0.000112898	23	37	0.000508	54	50	0.000931395	219	258	0.003725578
20.06639	108	1.075019	1.04E+00	2.49E+02		28	0.4330142		111	1.716592		6	0.092789		7.5	0.000115986		37	0.000572		50	0.00077324		258	0.003989918
20.13305	112	1.133218	1.10E+00	2.65E+02		28	0.4615312		111	1.829641		6	0.0989		7.5	0.000123624		37	0.00061		50	0.000824163		258	0.00425268
20.19972	116	1.177948	1.16E+00	2.77E+02		28	0.4830438		111	1.914924		6	0.103509		7.5	0.000129387		37	0.000638		50	0.000862578		258	0.004450903
20.26639	120	1.212581	1.20E+00	2.87E+02	36	35	0.499631	118	142.5	1.98068	7	8	0.107064	5	5	0.00013383	51	53	0.00066	46	51.5	0.000892198	297	258	0.004803743
20.33306	124	1.240015	1.23E+00	2.94E+02		35	0.6407541		142.5	2.608784		8	0.146458		5	9.15363E-05		53	0.00097		51.5	0.000942824		258	0.004723273
20.39972	128	1.260532	1.25E+00	3.00E+02		35	0.6532815		142.5	2.659789		8	0.149321		5	9.33259E-05		53	0.000989		51.5	0.000961257		258	0.004815618
20.46639	132	1.27529	1.27E+00	3.04E+02		35	0.6624973		142.5	2.697311		8	0.151428		5	9.46425E-05		53	0.001003		51.5	0.000974818		258	0.004883552
20.53306	136	1.285839	1.28E+00	3.07E+02	34	29.5	0.6691089	167	126.5	2.724229	9	8	0.152939	5	4	9.5587E-05	55	56.5	0.001013	57	60.5	0.000984546	219	235.5	0.004932289
20.59972	140	1.282232	1.28E+00	3.08E+02		29.5	0.5654919		126.5	2.424906		8	0.153354		4	7.66789E-05		56.5	0.001083		60.5	0.001159738		235.5	0.00451435
20.66639	144	1.243305	1.26E+00	3.03E+02		29.5	0.5561258		126.5	2.384743		8	0.150814		4	7.54069E-05		56.5	0.001065		60.5	0.001140529		235.5	0.004439581
20.73306	148	1.189435	1.22E+00	2.92E+02		29.5	0.5356918		126.5	2.297119		8	0.145272		4	7.26362E-05		56.5	0.001026		60.5	0.001098622		235.5	0.004276455
20.79972	152	1.138595	1.16E+00	2.79E+02	25	27.5	0.5126346	86	107.5	2.198247	7	8	0.13902	3	3	6.95098E-05	58	59.5	0.000982	64	64.5	0.001051335	252	277	0.004092388
20.86639	156	1.098726	1.12E+00	2.68E+02		27.5	0.4592597		107.5	1.795288		8	0.133603		3	5.01011E-05		59.5	0.000994		64.5	0.001077173		277	0.004625997
20.93306	160	1.068879	1.08E+00	2.60E+02		27.5	0.4449489		107.5	1.739346		8	0.12944		3	4.85399E-05		59.5	0.000963		64.5	0.001043607		277	0.004481849
20.99972	164	1.047357	1.06E+00	2.54E+02		27.5	0.4344043		107.5	1.698126		8	0.126372		3	4.73896E-05		59.5	0.00094		64.5	0.001018876		277	0.004375636
21.06639	168	1.032088	1.04E+00	2.50E+02	30	40.5	0.4268521	129	118	1.668604	9	9.5	0.124175	3	4	4.65657E-05	61	54	0.000924	65	64	0.001001162	302	269	0.004299565
21.13305	172	1.020823	1.03E+00	2.46E+02		40.5	0.6206153		118	1.808212		9.5	0.145576		4	6.12953E-05		54	0.000827		64	0.000960725		269	0.004122111
21.19972	176	1.012204	1.02E+00	2.44E+02		40.5	0.6146042		118	1.790699		9.5	0.144166		4	6.07016E-05		54	0.000819		64	0.000971226		269	0.004082186
21.26639	180	1.005319	1.01E+00	2.42E+02	51	47	0.6099171	107	114	1.777043	10	9	0.143067	5	7	6.02387E-05	47	48	0.000813	63	102.5	0.00096382	236	271	0.004051055
21.33306	184	0.9997467	1.00E+00	2.41E+02		47	0.7034347		114	1.706203		9	0.1347		7	0.000104767		48	0.000718		102.5	0.001534086		271	0.004055975
21.39972	188	0.9952601	9.98E-01	2.39E+02		47	0.6999058		114	1.697644		9	0.134025		7	0.000104241		48	0.000715		102.5	0.00152639		271	0.004035627
21.46639	192	0.9915962	9.93E-01	2.38E+02		47	0.6970463		114	1.690708		9	0.133477		7	0.000103815		48	0.000712		102.5	0.001520154		271	0.004019139
21.53306	196	0.9886417	9.90E-01	2.38E+02		47	0.6947244		114	1.685076		9	0.133032	9	7	0.00010347	49	42	0.00071	142	140.5	0.00151509	306	294	0.004005751
21.59972	200	0.986204	9.87E-01	2.37E+02		47	0.6928327		114	1.680488		9	0.13267		7	0.000103188		42	0.000619		140.5	0.002071127		294	0.004333889
21.66639	204	0.984166	9.85E-01	2.36E+02		47	0.6912625		114	1.676679		9	0.132369		7	0.000102954		42	0.000618		140.5	0.002066434		294	0.004324087
21.73306	208	0.9824638	9.83E-01	2.36E+02		47	0.6899503		114	1.673496		9	0.132118		7	0.000102759		42	0.000617		140.5	0.002062511		294	0.004315859
21.79972	212	0.980858	9.82E-01	2.36E+02		47	0.6887897		114	1.670682		9	0.131896		7	0.000102586		42	0.000616		140.5	0.002059042		294	0.0043086
21.86639	216	0.9794762	9.80E-01	2.35E+02		47	0.6877416		114	1.668139		9	0.131695		7	0.00010243		42	0.000615		140.5	0.002055908		294	0.004302043

Conduit CSO 1016

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
1.09E+04	6.13	26.15	79.05	5.57	0.00	0.03	0.06	0.18

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
21.93306	220	0.9782202	9.79E-01	2.35E+02		47	0.6868162			114 1.665895			9 0.131518			7 0.000102292		42	0.000614		140.5	0.002053142		294	0.004296254
21.99972	224	0.977077	9.78E-01	2.35E+02		47	0.6859745			114 1.663853			9 0.131357	5	4	0.000102166	35	37.5	0.000613	139	120.5	0.002050826	282	252.5	0.004290989
22.06639	228	0.9725407	9.75E-01	2.34E+02		47	0.683982			114 1.65902			9 0.130975		4	5.82112E-05		37.5	0.000546		120.5	0.001753613		252.5	0.003674584
22.13305	232	0.9042181	9.38E-01	2.25E+02		47	0.658421			114 1.597021			9 0.126081		4	5.60358E-05		37.5	0.000525		120.5	0.001688079		252.5	0.003537262
22.19972	236	0.7815443	8.43E-01	2.02E+02		47	0.5914139			114 1.434493			9 0.113249		4	5.03331E-05		37.5	0.000472		120.5	0.001516285		252.5	0.003177277
22.26639	240	0.6515074	7.17E-01	1.72E+02		47	0.5714139			114 1.434493			9 0.113249		4	5.03331E-05		37.5	0.000472		120.5	0.001516285		252.5	0.003177277
22.33306	244	0.538312	5.95E-01	1.43E+02	43	48	0.5027557	121	91	1.21945	8	9	0.096272	3	4	4.27677E-05	40	37.5	0.000401	102	120.5	0.00128698	223	252.5	0.002700975
22.39972	248	0.4482436	4.93E-01	1.18E+02		48	0.4263042		91	0.808202		9	0.079932		4	3.55253E-05		37.5	0.000333		120.5	0.001070201		252.5	0.002242538
22.46639	252	0.3836018	4.16E-01	9.98E+01		48	0.3534762		91	0.670132		9	0.066277		4	2.94563E-05		37.5	0.000276		120.5	0.000887372		252.5	0.001859432
22.53306	256	0.336874	3.60E-01	8.65E+01		48	0.2980445		91	0.565043		9	0.055883		4	2.4837E-05		37.5	0.000233		120.5	0.000748216		252.5	0.001567839
22.59972	260	0.3012899	3.19E-01	7.66E+01		48	0.2581416		91	0.489393		9	0.048402	5	5	2.15118E-05	35	35	0.000202	139	139	0.000648043	282	282	0.001357932
22.66639	264	0.273831	2.88E-01	6.90E+01		48	0.2268498		91	0.433462		9	0.042872		5	2.38177E-05		35	0.000167		139	0.000862132		282	0.001343317
22.73306	268	0.2519866	2.63E-01	6.31E+01		48	0.2060619		91	0.390659		9	0.038637		5	2.14648E-05		35	0.00015		139	0.000596721		282	0.001210614
22.79972	272	0.2342741	2.43E-01	5.83E+01		48	0.1883897		91	0.357155		9	0.035323		5	1.96239E-05		35	0.000137		139	0.000545545		282	0.00110679
22.86639	276	0.2197198	2.27E-01	5.45E+01		48	0.1742167		91	0.330286		9	0.032666	5	5	1.81476E-05	35	35	0.000127	139	139	0.000504503	282	282	0.001023523
22.93306	280	0.2077836	2.14E-01	5.13E+01		48	0.1626629		91	0.308382		9	0.030499		5	1.69441E-05		35	0.000119		139	0.000471045		282	0.000955645
22.99972	284	0.1979151	2.03E-01	4.87E+01		48	0.1531716		91	0.290388		9	0.02872		5	1.59554E-05		35	0.000112		139	0.000443559		282	0.000899683
23.06639	288	0.1894593	1.94E-01	4.65E+01		48	0.1453591		91	0.275577		9	0.027255	5	4	1.51416E-05	35	33.5	0.000106	139	96	0.000420936	282	215	0.000853985
23.13305	292	0.1765864	1.83E-01	4.39E+01		48	0.1387936		91	0.26313		9	0.026024		4	1.15661E-05		33.5	9.69E-05		96	0.000277587		215	0.00062168
23.19972	296	0.1571092	1.67E-01	4.00E+01		48	0.1311517		91	0.248642		9	0.024591		4	1.09293E-05		33.5	9.15E-05		96	0.000262303		215	0.00058745
23.26639	300	0.1339642	1.46E-01	3.49E+01		48	0.1195609		91	0.226667		9	0.022418		4	9.96341E-06		33.5	8.34E-05		96	0.000239122		215	0.00053533
23.33306	304	0.1125912	1.23E-01	2.96E+01	53	53	0.1042896	61	61	0.197716	10	10	0.019554	3	4	8.6908E-06	32	29.5	7.28E-05	53	65	0.000208579	148	171	0.000467131
23.39972	308	9.34E-02	1.03E-01	2.47E+01		53	0.0975411		61	0.112264		10	0.018404		4	7.36159E-06		29.5	5.43E-05		65	0.000119626		171	0.000314708
23.46639	312	7.76E-02	8.55E-02	2.05E+01		53	0.0814944		61	0.093795		10	0.015376		4	6.15052E-06		29.5	4.54E-05		65	9.9946E-05		171	0.000262935
23.53306	316	6.50E-02	7.13E-02	1.71E+01		53	0.0676461		61	0.077857		10	0.012763		4	5.10537E-06		29.5	3.77E-05		65	8.29622E-05		171	0.000218254
23.59972	320	5.62E-02	6.06E-02	1.45E+01		53	0.0563901		61	0.064902		10	0.01064	5	5	4.25585E-06	27	27	3.14E-05	77	77	6.91576E-05	194	194	0.000181938
23.66639	324	4.89E-02	5.25E-02	1.26E+01		53	0.047923		61	0.055157		10	0.009042		5	4.52103E-06		27	2.44E-05		77	6.96239E-05		194	0.000175416
23.73306	328	4.29E-02	4.59E-02	1.10E+01		53	0.0415758		61	0.047851		10	0.007844		5	3.92225E-06		27	2.12E-05		77	6.04026E-05		194	0.000152183
23.79972	332	3.79E-02	4.04E-02	9.69E+00		53	0.0363011		61	0.041781		10	0.006849		5	3.42463E-06		27	1.85E-05		77	5.27394E-05		194	0.000132876
23.86639	336	3.38E-02	3.58E-02	8.60E+00		53	0.031937		61	0.036758		10	0.006026		5	3.01292E-06		27	1.63E-05		77	4.6399E-05		194	0.000116901
23.93306	340	3.03E-02	3.20E-02	7.69E+00		53	0.0283385		61	0.032616		10	0.005347		5	2.67344E-06		27	1.44E-05		77	4.1171E-05		194	0.000103729
23.99972	344	2.74E-02	2.89E-02	6.93E+00		53	0.0253485		61	0.029175		10	0.004783		5	2.39136E-06		27	1.29E-05		77	3.6827E-05		194	9.27849E-05
24.06639	348	2.49E-02	2.62E-02	6.28E+00		53	0.0228429		61	0.026291		10	0.00431	5	5	2.15499E-06	27	27	1.16E-05	77	77	3.31668E-05	194	194	8.36135E-05
24.13305	352	2.15E-02	2.32E-02	5.57E+00		53	0.0206919		61	0.023815		10	0.003904		5	1.95206E-06		27	1.05E-05		77	3.00618E-05		194	7.574E-05
24.19972	356	1.69E-02	1.92E-02	4.61E+00		53	0.0183654		61	0.021138		10	0.003485		5	1.73258E-06		27	9.36E-06		77	2.66818E-05		194	6.72242E-05
24.26639	360	1.17E-02	1.43E-02	3.44E+00		53	0.0152105		61	0.017506		10	0.00287		5	1.43495E-06		27	7.75E-06		77	2.20982E-05		194	5.56761E-05
24.33306	364	6.85E-03	9.29E-03	2.23E+00		53	0.0113262		61	0.013036		10	0.002137		5	1.06851E-06		27	5.77E-06		77	1.6455E-05		194	4.14581E-05
24.39972	368	2.96E-03	4.91E-03	1.18E+00		53	0.0073475		61	0.008457		10	0.001386		5	6.9316E-07		27	3.74E-06		77	1.06747E-05		194	2.68946E-05
	372		1.48E-03	3.55E-01		53	0.0038815		61	0.004467		10	0.000732		5	3.66177E-07		27	1.98E-06		77	5.63913E-06		194	1.42077E-05
	376		0.00E+00	0.00E+00		53	0.0011717		61	0.001349		10	0.000221		5	1.10542E-07		27	5.97E-07		77	1.70235E-06		194	4.28903E-06
	380		0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
	384		0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0

Conduit CSO 1019

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.92E+05	9.07	819	1,839	163	0.09	0.74	1.75	4.52

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
16.99972	0	2.19E-03			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		389	283.5		832	639	
17.06639	4	9.53E-02	4.87E-02	1.17E+01		80	0.058188516		761.5	0.553882		36.5	0.026549		7.5	5.45517E-06		172.5	0.000125469		283.5	0.000206		639	0.000464781
17.13305	8	0.3704814	2.33E-01	5.59E+01		80	0.278115354		761.5	2.647311		36.5	0.12689		7.5	2.60733E-05		172.5	0.000599686		283.5	0.000966		639	0.002221446
17.19972	12	0.7231428	5.47E-01	1.31E+02		80	0.653063518		761.5	6.216348		36.5	0.29796		7.5	6.12247E-05		172.5	0.001408168		283.5	0.002314		639	0.005218345
17.26639	16	1.056992	8.90E-01	2.14E+02	69	58	1.06301698	451	358.5	10.11859	24	17.5	0.485001	4	5.5	9.96578E-05	130	107	0.00229213	198	147.5	0.003787	446	410.5	0.008490848
17.33306	20	1.276515	1.17E+00	2.80E+02		58	1.01026295		358.5	6.24447		17.5	0.304821		5.5	9.58008E-05		107	0.001863761		147.5	0.002569		410.5	0.007150223
17.39972	24	1.472231	1.37E+00	3.30E+02		58	1.190035531		358.5	7.355851		17.5	0.359062		5.5	0.000112848		107	0.00219541		147.5	0.003026		410.5	0.008422579
17.46639	28	1.683313	1.58E+00	3.79E+02	47	42	1.386153666	266	238.5	8.444243	11	9.5	0.412202	7	5.5	0.000129549	84	69.5	0.002520318	97	90.5	0.003474	375	307	0.00966907
17.53306	32	1.929374	1.81E+00	4.34E+02		42	1.132601027		238.5	6.431556		9.5	0.256184		5.5	0.000148317		69.5	0.001874185		90.5	0.00244		307	0.008278774
17.59972	36	2.247454	2.09E+00	5.01E+02		42	1.309462925		238.5	7.435879		9.5	0.296188		5.5	0.000171477		69.5	0.002166849		90.5	0.002822		307	0.00957155
17.66639	40	2.655406	2.45E+00	5.88E+02		42	1.53707871		238.5	8.728411		9.5	0.347673		5.5	0.000201284		69.5	0.002543499		90.5	0.003312		307	0.011235313
17.73306	44	3.052845	2.85E+00	6.85E+02	37	32	1.789574062	211	192.5	10.16222	8	7	0.404765	4	3.5	0.000234349	55	57	0.002961319	84	101.5	0.003856	239	258.5	0.013060934
17.79972	48	3.420139	3.24E+00	7.77E+02		32	1.546150753		192.5	9.301063		7	0.33822		3.5	0.00016911		57	0.002754081		101.5	0.004904		258.5	0.012469999
17.86639	52	3.750089	3.59E+00	8.60E+02		32	1.712695941		192.5	10.30294		7	0.374652		3.5	0.000187326		57	0.00305074		101.5	0.005432		258.5	0.013835372
17.93306	56	4.008618	3.88E+00	9.31E+02		32	1.853260812		192.5	11.14852		7	0.405401		3.5	0.0002027		57	0.003301121		101.5	0.005878		258.5	0.014970872
17.99972	60	4.215528	4.11E+00	9.87E+02	27	32	1.964436563	174	166.5	11.81731	6	7	0.42972	3	2	0.00021486	59	70.5	0.003499153	119	102	0.006231	278	310	0.015866964
18.06639	64	4.370587	4.29E+00	1.03E+03		32	2.050897728		166.5	10.67108		7	0.448634		2	0.000128181		70.5	0.004518384		102	0.006537		310	0.019668072
18.13305	68	4.649399	4.51E+00	1.08E+03		32	2.154533079		166.5	11.2103		7	0.471304		2	0.000134658		70.5	0.004746706		102	0.006868		310	0.020672039
18.19972	72	5.122277	4.89E+00	1.17E+03		32	2.334083355		166.5	12.14453		7	0.510581		2	0.00014588		70.5	0.005142277		102	0.00744		310	0.022811432
18.26639	76	5.702188	5.41E+00	1.30E+03	37	37.5	2.585554779	159	138	13.45296	8	7	0.56559	1	3.5	0.000161597	82	65.5	0.0056963	85	81.5	0.008241	342	325.5	0.025047562
18.33306	80	6.297312	6.00E+00	1.44E+03		37.5	3.356858762		138	12.3606		7	0.626987		3.5	0.000313493		65,5	0.005866807		81.5	0.0073		325.5	0.029154894
18.39972	84	6.837973	6.57E+00	1.58E+03		37.5	3.676783792		138	13.53056		7	0.686333		3.5	0.000343166		65.5	0.006422116		81.5	0.007991		325.5	0.031914483
18.46639	88	7.310986	7.07E+00	1.70E+03		37.5	3.960528491		138	14.57474		7	0.739299		3.5	0.000369649		65.5	0.006917723		81.5	0.008608		325.5	0.034377387
18.53306	92	7.745018	7.53E+00	1.81E+03	38	29	4.214425407	117	110.5	15.50909	6	5.5	0.786693	6	8	0.000393346	49	36	0.007361196	78	66	0.009159	309	264	0.036561213
18.59972	96	8.170538	7.96E+00	1.91E+03		29	3.445221411		110.5	13.12748		5.5	0.653404		8	0.000950406		36	0.004276827		66	0.007841		264	0.031363395
18.66639	100	8.612881	8.39E+00	2.01E+03		29	3.633086678		110.5	13.84331		5.5	0.689034		8	0.001002231		36	0.004510039		66	0.008268		264	0.033073617
18.73306	104	9.068441	8.84E+00	2.12E+03	20	28	3.827454669	104	111	14.58392	5	6	0.725897	10	7.5	0.00105585	23	37	0.004751323	54	50	0.008711	219	258	0.034843036
18.79972	108	9.510675	9.29E+00	2.23E+03		28	3.883116338		111	15.39378		6	0.832096		7.5	0.00104012		37	0.005131261		50	0.009934		258	0.039780143
18.86639	112	9.905699	9.71E+00	2.33E+03		28	4.058106915		111	16.0675		6	0.869594		7.5	0.001086993		37	0.005362498		50	0.007247		258	0.037392557
18.93306	116	10.23592	1.01E+01	2.42E+03		28	4.209686285		111	16.6884		6	0.902076		7.5	0.001127595		37	0.0055628		50	0.007517		258	0.038789252
18.99972	120	10.50801	1.04E+01	2.49E+03	36	35	4.335571913	118	142.5	17.18745	7	8	0.929051	5	5	0.001161314	51	53	0.005729149	46	51.5	0.007742	297	258	0.039949198
19.06639	124	10.74179	1.06E+01	2.55E+03		35	5.551626189		142.5	22.60305		8	1.268943		5	0.000793089		53	0.008406748		51.5	0.008169		258	0.040923416
19.13305	128	10.95381	1.08E+01	2.60E+03		35	5.668093871		142.5	23.07724		8	1.295564		5	0.000809728		53	0.008583114		51.5	0.00834		258	0.041781049
19.19972	132	11.15848	1.11E+01	2.65E+03		35	5.776956407		142.5	23.52047		8	1.320447		5	0.000825279		53	0.008747963		51.5	0.0085		258	0.042584422
19.26639	136	11.36149	1.13E+01	2.70E+03	34	29.5	5.883465031	167	126.5	23.95411	9	8	1.344792	5	4	0.000840495	55	56.5	0.008909247	57	60.5	0.008657	219	235.5	0.043369542
19.33306	140	11.55772	1.15E+01	2.75E+03		29.5	5.046833585		126.5	21.64151		8	1.368633		4	0.000684316		56.5	0.008865969		60.5	0.01035		235.5	0.040289129
19.39972	144	11.73752	1.16E+01	2.80E+03		29.5	5.129635777		126.5	21.99657		8	1.391088		4	0.000695544		56.5	0.009824557		60.5	0.01052		235.5	0.040950143
19.46639	148	11.89573	1.18E+01	2.84E+03		29.5	5.204065926		126.5	22.31574		8	1.411272		4	0.000705636		56.5	0.009967109		60.5	0.010673		235.5	0.041544323
19.53306	152	12.03761	1.20E+01	2.87E+03	25	27.5	5.270146052	86	107.5	22.5991	7	8	1.429192	3	3	0.000714596	58	59.5	0.01009367	64	64.5	0.010808	252	277	0.042071844
19.59972	156	12.29424	1.22E+01	2.92E+03		27.5	4.994651017		107.5	19.52454		8	1.452989		3	0.000544871		59.5	0.010806809		64.5	0.011715		277	0.050309758
19.66639	160	12.99381	1.26E+01	3.03E+03		27.5	5.190932241		107.5	20.29183		8	1.510089		3	0.000566284		59.5	0.01123129		64.5	0.012175		277	0.052286845
19.73306	164	13.89236	1.34E+01	3.23E+03		27.5	5.51898176		107.5	21.5742		8	1.605522		3	0.000602071		59.5	0.01194107		64.5	0.012945		277	0.055591196
19.79972	168	14.78654	1.43E+01	3.44E+03	30	40.5	5.886979291	129	118	23.01274	9	9.5	1.712576	3	4	0.000642216	61	54	0.012737282	65	64	0.013808	302	269	0.059297037
19.86639	172	15.57167	1.52E+01	3.64E+03		40.5	9.177586968		118	26.73964		9.5	2.152787		4	0.000906428		54	0.012236783		64	0.014503		269	0.060957306
19.93306	176	16.24733	1.59E+01	3.82E+03		40.5	9.619198224		118	28.02631		9.5	2.256355		4	0.000950044		54	0.012825598		64	0.015201		269	0.063890477
19.99972	180	16.866	1.66E+01	3.97E+03	51	47	10.01048698	107	114	29.16636	10	9	2.348139	5	7	0.00098869	47	48	0.013347316	63	102.5	0.015819	236	271	0.066489407
20.06639	184	17.48118	1.72E+01	4.12E+03		47	12.0499764		114	29.22761		9	2.307443		7	0.001794678		48	0.012306361		102.5	0.026279		271	0.069479663
20.13305	188	18.08611	1.78E+01	4.27E+03		47	12.47802808		114	30.26586		9	2.38941		7	0.00185843		48	0.012743518		102.5	0.027213		271	0.071947779
20.19972	192	18.65973	1.84E+01	4.41E+03		47	12.89149731		114	31.26874		9	2.466585		7	0.00192001		48	0.013165784		102.5	0.028114		271	0.074331825
20.26639	196	19.16917	1.89E+01	4.54E+03		47	13.2714659		114	32.19036		9	2.541345	9	7	0.001976601	49	42	0.013553838	142	140.5	0.028943	306	294	0.078522706
20.33306	200	19.58611	1.94E+01	4.65E+03		47	13.59646664		114	32.97866		9	2.603579		7	0.002025006		42	0.012150034		140.5	0.040645		294	0.085050238
20.39972	204	19.90887	1.97E+01	4.74E+03		47	13.85597467		114	33.60811		9	2.653272		7	0.002063656		42	0.012381935		140.5	0.041421		294	0.086673544
20.46639	208	20.15114	2.00E+01	4.81E+03		47	14.05420344		114	34.08892		9	2.69123		7	0.002093179		42	0.012559075		140.5	0.042013		294	0.087913528
20.53306	212	20.32903	2.02E+01	4.86E+03		47	14.20160765		114	34.44645		9	2.719457		7	0.002115133		42	0.012690798		140.5	0.042454		294	0.088835588
20.59972	216	20.38805	2.04E+01	4.89E+03		47	14.28472249		114	34.64805		9	2.735372		7	0.002127512		42	0.012765071		140.5	0.042702		294	0.089355498
20.66639	220	20.15662	2.03E+01	4.87E+03		47	14.22423611		114	34.50134		9	2.72379		7	0.002118503		42	0.012711019		140.5	0.042521		294	0.088977136
20.73306	224	19.84263	2.00E+01	4.80E+03		47	14.03288709		114	34.03722		9	2.687149	5	4	0.002090004	35	37.5	0.012540027	139	120.5	0.041949	282	252.5	0.087780187

Conduit CSO 1019

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.92E+05	9.07	819	1,839	163	0.09	0.74	1.75	4.52

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
20.79972	228	19.57693	1.97E+01	4.73E+03			47 13.82951517			114 33.54393			9 2.648205		4	0.00117698		37.5	0.011034188		120.5	0.035457		252.5	0.074206863
20.86639	232	19.3854	1.95E+01	4.68E+03			47 13.66910573			114 33.15485			9 2.617488		4	0.001163328		37.5	0.010906201		120.5	0.035045		252.5	0.073435089
20.93306	236	19.21399	1.93E+01	4.63E+03			47 13.54177595			114 32.84601			9 2.593106		4	0.001152492		37.5	0.010804608		120.5	0.034719		252.5	0.07275103
20.99972	240	19.03846	1.91E+01	4.59E+03			47 13.42005942			91 32.55078			9 2.569799	3	4	0.001142133	40	37.5	0.010707494	102	120.5	0.034407	223	252.5	0.072097126
21.06639	244	18.92907	1.90E+01	4.56E+03			48 13.6035077			91 25.78998			9 2.550658		4	0.001133626		37.5	0.01062774		120.5	0.03415		252.5	0.071560119
21.13305	248	18.81534	1.89E+01	4.53E+03			48 13.52356532			91 25.63843			9 2.535868		4	0.001126964		37.5	0.010565285		120.5	0.03395		252.5	0.071139588
21.19972	252	18.67726	1.87E+01	4.50E+03			48 13.43335068			91 25.46739			9 2.518753		4	0.001119446		37.5	0.010494805		120.5	0.033723		252.5	0.07066022
21.26639	256	18.59283	1.86E+01	4.47E+03			48 13.35362686			91 25.31625			9 2.503805	5	5	0.001112802	35	35	0.010432521	139	139	0.033523	282	282	0.070245641
21.33306	260	18.55603	1.86E+01	4.46E+03			48 13.31018381			91 25.23389			9 2.495659		5	0.001386477		35	0.009705342		139	0.038544		282	0.07819733
21.39972	264	18.53568	1.85E+01	4.45E+03			48 13.28970735			91 25.19507			9 2.49182		5	0.001384345		35	0.009690412		139	0.038485		282	0.078077031
21.46639	268	18.53778	1.85E+01	4.45E+03			48 13.2831685			91 25.18267			9 2.490594		5	0.001383663		35	0.009685644		139	0.038466		282	0.078039615
21.53306	272	18.53862	1.85E+01	4.45E+03			48 13.28422188			91 25.18467			9 2.490792	5	5	0.001383773	35	35	0.009686412	139	139	0.038469	282	282	0.078044804
21.59972	276	18.54539	1.85E+01	4.45E+03			48 13.28694849			91 25.18984			9 2.491303		5	0.001384057		35	0.0096884		139	0.038477		282	0.078060822
21.66639	280	18.55222	1.85E+01	4.45E+03			48 13.29182128			91 25.19908			9 2.492216		5	0.001384565		35	0.009691953		139	0.038491		282	0.07808945
21.73306	284	18.56305	1.86E+01	4.45E+03			48 13.29814874			91 25.21107			9 2.493403	5	4	0.001385224	35	33.5	0.009696567	139	98	0.038509	282	215	0.078126824
21.79972	288	18.57265	1.86E+01	4.46E+03			48 13.30546867			91 25.22495			9 2.494775		4	0.001108789		33.5	0.009286108		98	0.026611		215	0.059597412
21.86639	292	18.58142	1.86E+01	4.46E+03			48 13.31205051			91 25.23743			9 2.496009		4	0.001109338		33.5	0.009290702		98	0.026624		215	0.059626893
21.93306	296	18.59859	1.86E+01	4.46E+03			48 13.32134464			91 25.25505			9 2.497752		4	0.001110112		33.5	0.009297188		98	0.026643		215	0.059668523
21.99972	300	18.61395	1.86E+01	4.47E+03	53		53 13.33299992	61		61 25.27715	10		10 2.499937	3	4	0.001111083	32	29.5	0.009305323	53	65	0.026666	148	171	0.059720729
22.06639	304	18.61221	1.86E+01	4.47E+03			53 14.72724236			61 16.95022			10 2.778725		4	0.00111149		29.5	0.008197239		65	0.018062		171	0.047516197
22.13305	308	18.0158	1.83E+01	4.40E+03			53 14.490605			61 16.67787			10 2.734076		4	0.001093631		29.5	0.008065525		65	0.017771		171	0.046752707
22.19972	312	16.98141	1.75E+01	4.20E+03			53 13.8454354			61 15.93531			10 2.612346		4	0.001044939		29.5	0.007706422		65	0.01698		171	0.044671122
22.26639	316	15.91408	1.64E+01	3.95E+03			53 13.01396259			61 14.97833			10 2.455465	5	5	0.000982186	27	27	0.007243821	77	77	0.015961	194	194	0.041988445
22.33306	320	14.95565	1.54E+01	3.70E+03			53 12.21254073			61 14.05594			10 2.304253		5	0.001152126		27	0.008221483		77	0.017743		194	0.044702508
22.39972	324	14.05644	1.45E+01	3.48E+03			53 11.47782973			61 13.2101			10 2.165591		5	0.001062795		27	0.00584709		77	0.016675		194	0.042012456
22.46639	328	13.14196	1.36E+01	3.26E+03			53 10.76010603			61 12.38427			10 2.030209		5	0.001015104		27	0.005481563		77	0.015633		194	0.039386048
22.53306	332	12.31556	1.27E+01	3.05E+03			53 10.07138708			61 11.5916			10 1.900262		5	0.000950131		27	0.005130707		77	0.014632		194	0.036865077
22.59972	336	11.55876	1.19E+01	2.86E+03			53 9.445043771			61 10.87072			10 1.782085		5	0.000891042		27	0.004811629		77	0.013722		194	0.034572443
22.66639	340	10.86249	1.12E+01	2.69E+03			53 8.870191895			61 10.20909			10 1.673821		5	0.000836811		27	0.004518777		77	0.012887		194	0.03246825
22.73306	344	10.22585	1.05E+01	2.53E+03			53 8.342872166			61 9.602174			10 1.574127	5	5	0.000787063	27	27	0.004250142	77	77	0.012121	194	194	0.03053806
22.79972	348	9.667372	9.95E+00	2.39E+03			53 7.870065074			61 9.057999			10 1.484918		5	0.000742459		27	0.004009278		77	0.011434		194	0.028807408
22.86639	352	9.17382	9.42E+00	2.26E+03			53 7.4538658			61 8.578978			10 1.40639		5	0.000703195		27	0.00379725 2		77	0.010829		194	0.027283962
22.93306	356	8.740271	8.96E+00	2.15E+03			53 6.762726875			61 8.15684			10 1.337187		5	0.000668593		27	0.003610405		77	0.010296		194	0.025941425
22.99972	360	8.353924	8.55E+00	2.05E+03			53 6.482948847			61 7.783516			10 1.275986		5	0.000637993		27	0.003445163		77	0.009825		194	0.024754132
23.06639	364	8.033074	8.19E+00	1.97E+03			53 6.20751982			61 7.461507			10 1.223198		5	0.000611599		27	0.003302634		77	0.009419		194	0.023730039
23.13305	368	7.65772	7.85E+00	1.88E+03			53 5.883534936			61 7.144504			10 1.17123		5	0.000585615		27	0.003162321		77	0.009018		194	0.022721865
23.19972	372	7.214135	7.44E+00	1.78E+03			53 5.52816153			61 6.771616			10 1.110101		5	0.00055505		27	0.002997273		77	0.008548		194	0.021535958
23.26639	376	6.75944	6.99E+00	1.68E+03			53 5.182357665			61 6.362601			10 1.043049		5	0.000521525		27	0.002816233		77	0.008031		194	0.020235157
23.33306	380	6.340044	6.55E+00	1.57E+03			53 4.86049684			61 5.994157			10 0.977803		5	0.000488902		27	0.002640069		77	0.007529		194	0.018969385
23.39972	384	5.94587	6.14E+00	1.47E+03			53 4.559942674			61 5.248236			10 0.917075		5	0.000458537		27	0.002476102		77	0.007061		194	0.017791253
23.46639	388	5.580331	5.76E+00	1.38E+03			53 4.280720091			61 4.926867			10 0.860367		5	0.000430183		27	0.00232299		77	0.006625		194	0.016691111
23.53306	392	5.240077	5.41E+00	1.30E+03			53 4.019304553			61 4.625992			10 0.758359		5	0.000403842		27	0.002180744		77	0.006219		194	0.015669051
23.59972	396	4.919549	5.08E+00	1.22E+03			53 3.768986026			61 4.33789			10 0.711129		5	0.00037918		27	0.00204757		77	0.005839		194	0.014712171
23.66639	400	4.607345	4.76E+00	1.14E+03			53 3.528398452			61 4.060987			10 0.665736		5	0.000355565		27	0.001920049		77	0.005478		194	0.013795011
23.73306	404	4.311414	4.46E+00	1.07E+03			53 3.300756601			61 3.798984			10 0.622784		5	0.000311392		27	0.001681518		77	0.005126		194	0.01291527
23.79972	408	4.031933	4.17E+00	1.00E+03			53 3.089799434			61 3.556184			10 0.582981		5	0.000291491		27	0.001574049		77	0.004869		194	0.012082015
23.86639	412	3.778176	3.91E+00	9.37E+02			53 2.89329291			61 3.330016			10 0.545904		5	0.000272952		27	0.001473942		77	0.004569		194	0.011309832
23.93306	416	3.535222	3.66E+00	8.78E+02			53 2.729509715			61 3.141511			10 0.515002		5	0.000257501		27	0.001390505		77	0.004303		194	0.010590544
23.99972	420	3.345356	3.30E+00	8.28E+02			53 2.61483426			61 3.009526			10 0.493365		5	0.000246682		27	0.001332085		77	0.003966		194	0.009991036
24.06639	424	3.095372	3.17E+00	7.61E+02			53 2.506489674			61 2.88713			10 0.4733		5	0.00023665		27	0.00127791		77	0.003799		194	0.00957128
24.13305	428	2.897032	3.00E+00	7.19E+02			53 2.370687334			61 2.728527			10 0.447299		5	0.00022365		27	0.001207709		77	0.003444		194	0.009182019
24.19972	432	2.697032	2.79E+00	6.69E+02			53 2.206669144			61 2.539751			10 0.416353		5	0.000208176		27	0.001124152		77	0.003206		194	0.00867761
24.26639	436	2.680782	2.57E+00	6.17E+02			53 2.033875808			61 2.340676			10 0.38375		5	0.000191875		27	0.001036125		77	0.002955		194	0.008077242
24.33306	440	2.460261	2.34E+00	5.62E+02			53 1.853370345			61 2.133124			10 0.349693		5	0.000174646		27	0.00094417		77	0.002693		194	0.007444753
24.39972	444	2.224517	2.12E+00	5.09E+02			53 1.678567283			61 1.931936			10 0.316711		5	0.000158355		27	0.000855119		77	0.002439		194	0.006784035
24.46639	448	2.01841	1.93E+00	4.64E+02			53 1.528231055			61 1.758907			10 0.288345		5	0.000144173		27	0.000778533		77	0.00222		194	0.00614419
24.53306	452	1.844511	1.77E+00	4.25E+02			53 1.400089643			61 1.611424			10 0.264188		5	0.000132084		27	0.000713253		77	0.002034		194	0.005124856

Conduit CSO 1019

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.92E+05	9.07	819	1,839	163	0.09	0.74	1.75	4.52

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
24.66639	460	1.562263	1.63E+00	3.91E+02		53	1.288435899		61	1.482917		10	0.243101		5	0.000121551		27	0.000656373		77	0.001672		194	0.004716162
24.73306	464	1.44415	1.50E+00	3.61E+02		53	1.189391208		61	1.368922		10	0.224413		5	0.000112207		27	0.000605916		77	0.001728		194	0.004353621
24.79972	468	1.333945	1.39E+00	3.33E+02		53	1.099057178		61	1.264953		10	0.207369		5	0.000103685		27	0.000559897		77	0.001597		194	0.004022964
24.86639	472	1.231549	1.28E+00	3.08E+02		53	1.014948947		61	1.168149		10	0.1915		5	9.57499E-05		27	0.000517049		77	0.001475		194	0.003715096
24.93306	476	1.13606	1.18E+00	2.84E+02		53	0.936662593		61	1.078046		10	0.176729		5	8.83644E-05		27	0.000477168		77	0.001361		194	0.003428539
24.99972	480	1.044902	1.09E+00	2.62E+02		53	0.862822184		61	0.993059		10	0.162797		5	8.13983E-05		27	0.000439551		77	0.001254		194	0.003158255
25.06639	484	0.9173344	9.81E-01	2.35E+02		53	0.776290948		61	0.893467		10	0.14647		5	7.3235E-05		27	0.000395469		77	0.001128		194	0.002841518
25.13305	488	0.7547953	8.36E-01	2.01E+02		53	0.661520268		61	0.761372		10	0.124815		5	6.24076E-05		27	0.000337001		77	0.000961		194	0.002421414
25.19972	492	0.6072504	6.81E-01	1.63E+02		53	0.538846261		61	0.620182		10	0.101669		5	5.08346E-05		27	0.000274507		77	0.000783		194	0.001972361
25.26639	496	0.4867772	5.48E-01	1.32E+02		53	0.433605403		61	0.499055		10	0.081812		5	4.09062E-05		27	0.000220893		77	0.00063		194	0.001587159
25.33306	500	0.3840015	4.36E-01	1.05E+02		53	0.345284699		61	0.397403		10	0.065148		5	3.2574E-05		27	0.0001759		77	0.000502		194	0.001263872
25.39972	504	0.3010888	3.43E-01	8.22E+01		53	0.271032276		61	0.311943		10	0.051138		5	2.55691E-05		27	0.000138073		77	0.000394		194	0.00099208
25.46639	508	0.2353344	2.68E-01	6.44E+01		53	0.212217281		61	0.24425		10	0.040041		5	2.00205E-05		27	0.000108111		77	0.000308		194	0.000776795
25.53306	512	0.1820786	2.09E-01	5.01E+01		53	0.165135013		61	0.190061		10	0.031158		5	1.55788E-05		27	8.41254E-05		77	0.00024		194	0.000604458
25.59972	516	0.1385551	1.60E-01	3.85E+01		53	0.126847631		61	0.145994		10	0.023934		5	1.19668E-05		27	6.46205E-05		77	0.000184		194	0.00046431
25.66639	520	0.1031784	1.21E-01	2.90E+01		53	0.095633496		61	0.110069		10	0.018044		5	9.02203E-06		27	4.8719E-05		77	0.000139		194	0.000350055
25.73306	524	7.46E-02	8.89E-02	2.13E+01		53	0.070324602		61	0.08094		10	0.013269		5	6.6344E-06		27	3.58257E-05		77	0.000102		194	0.000257415
25.79972	528	5.19E-02	6.32E-02	1.52E+01		53	0.050023455		61	0.057574		10	0.009438		5	4.71919E-06		27	2.54836E-05		77	7.27E-05		194	0.000183105
25.86639	532	3.46E-02	4.32E-02	1.04E+01		53	0.034198139		61	0.03936		10	0.006452		5	3.22624E-06		27	1.74217E-05		77	4.97E-05		194	0.000125178
25.93306	536	2.18E-02	2.81E-02	6.75E+00		53	0.022240671		61	0.025598		10	0.004196		5	2.09818E-06		27	1.13302E-05		77	3.23E-05		194	8.14092E-05
25.99972	540	1.20E-02	1.68E-02	4.03E+00		53	0.01330078		61	0.015308		10	0.00251		5	1.25479E-06		27	6.77587E-06		77	1.93E-05		194	4.86859E-05
26.06639	544	4.87E-03	6.43E-03	2.02E+00		53	0.006667395		61	0.007674		10	0.001258		5	6.29E-07		27	3.3966E-06		77	9.69E-06		194	2.44052E-05

Conduit CSO 1021

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
3.49E+02	2.47	0.84	4.70	0.21	0.00	0.00	0.00	0.01

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
20.13305	0	2.93E-03			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
20.19972	4	1.01E-02	6.52E-03	1.57E+00		80	0.007792		761.5	0.074174		36.5	0.003555		7.5	7.30542E-07		172.5	1.68E-05		283.5	2.76145E-05		639	6.22E-05
20.26639	8	1.91E-02	1.46E-02	3.50E+00		80	0.017422		761.5	0.165831		36.5	0.007949		7.5	1.63327E-06		172.5	3.76E-05		283.5	6.17376E-05		639	0.000139
20.33306	12	2.84E-02	2.37E-02	5.69E+00		80	0.028326		761.5	0.269628		36.5	0.012924		7.5	2.65556E-06		172.5	6.11E-05		283.5	0.00010038		639	0.000226
20.39972	16	3.71E-02	3.28E-02	7.86E+00	69	58	0.039123	451	358.5	0.3724	24	17.5	0.01785	4	5.5	3.66777E-06	130	107	8.44E-05	198	147.5	0.000138642	446	410.5	0.000312
20.46639	20	4.49E-02	4.10E-02	9.84E+00		58	0.035518		358.5	0.219537		17.5	0.010717		5.5	3.36806E-06		107	6.55E-05		147.5	9.03253E-05		410.5	0.000251
20.53306	24	5.15E-02	4.82E-02	1.16E+01		58	0.041728		358.5	0.25792		17.5	0.01259		5.5	3.95693E-06		107	7.7E-05		147.5	0.000106118		410.5	0.000295
20.59972	28	5.66E-02	5.41E-02	1.30E+01	47	42	0.046802	266	238.5	0.289283	11	9.5	0.014121	7	5.5	4.4381E-06	84	69.5	8.63E-05	97	90.5	0.000119022	375	307	0.000331
20.66639	32	5.94E-02	5.80E-02	1.39E+01		42	0.036382		238.5	0.206596		9.5	0.008229		5.5	4.76426E-06		69.5	6.02E-05		90.5	7.83937E-05		307	0.000286
20.73306	36	6.04E-02	5.99E-02	1.44E+01		42	0.037573		238.5	0.213363		9.5	0.008499		5.5	4.92033E-06		69.5	6.22E-05		90.5	8.09618E-05		307	0.000275
20.79972	40	6.00E-02	6.02E-02	1.45E+01		42	0.037754		238.5	0.214387		9.5	0.00854		5.5	4.94393E-06		69.5	6.25E-05		90.5	8.13501E-05		307	0.000276
20.86639	44	5.89E-02	5.94E-02	1.43E+01	37	32	0.037268	211	192.5	0.211632	8	7	0.00843	4	3.5	4.8804E-06	55	57	6.17E-05	84	101.5	8.03047E-05	239	258.5	0.000272
20.93306	48	5.72E-02	5.80E-02	1.39E+01		32	0.027729		192.5	0.166807		7	0.006066		3.5	3.03286E-06		57	4.94E-05		101.5	8.78529E-05		258.5	0.000224
20.99972	52	5.53E-02	5.63E-02	1.35E+01		32	0.026876		192.5	0.161674		7	0.005879		3.5	2.93952E-06		57	4.79E-05		101.5	8.52461E-05		258.5	0.000217
21.06639	56	5.33E-02	5.43E-02	1.30E+01		32	0.025945		192.5	0.156074		7	0.005675		3.5	2.8377E-06		57	4.62E-05		101.5	8.22934E-05		258.5	0.00021
21.13305	60	5.13E-02	5.23E-02	1.26E+01	27	32	0.024986	174	166.5	0.150308	6	7	0.005466	3	2	2.73288E-06	59	70.5	4.45E-05	119	102	7.92535E-05	278	310	0.000202
21.19972	64	4.95E-02	5.04E-02	1.21E+01		32	0.024076		166.5	0.12527		7	0.005267		2	1.50475E-06		70.5	5.3E-05		102	7.67421E-05		310	0.000233
21.26639	68	4.78E-02	4.87E-02	1.17E+01		32	0.023247		166.5	0.120955		7	0.005085		2	1.45292E-06		70.5	5.12E-05		102	7.40988E-05		310	0.000225
21.33306	72	4.64E-02	4.71E-02	1.13E+01		32	0.022497		166.5	0.117054		7	0.004921		2	1.40606E-06		70.5	4.96E-05		102	7.17089E-05		310	0.000218
21.39972	76	4.51E-02	4.57E-02	1.10E+01	37	37.5	0.021845	159	138	0.113661	8	7	0.004779	1	3.5	1.3653E-06	82	65.5	4.81E-05	85	81.5	6.98304E-05	342	325.5	0.000212
21.46639	80	4.40E-02	4.46E-02	1.07E+01		37.5	0.02495		138	0.091815		7	0.004657		3.5	2.32864E-06		65.5	4.36E-05		81.5	5.4224E-05		325.5	0.000217
21.53306	84	4.31E-02	4.36E-02	1.05E+01		37.5	0.024405		138	0.08981		7	0.004556		3.5	2.27779E-06		65.5	4.26E-05		81.5	5.304E-05		325.5	0.000212
21.59972	88	4.24E-02	4.28E-02	1.03E+01		37.5	0.023933		138	0.088074		7	0.004468		3.5	2.23375E-06		65.5	4.18E-05		81.5	5.20145E-05		325.5	0.000208
21.66639	92	4.17E-02	4.20E-02	1.01E+01	38	29	0.023529	117	110.5	0.086588	6	5.5	0.004392	6	8	2.19606E-06	49	36	4.11E-05	78	66	5.11369E-05	309	264	0.000204
21.73306	96	4.12E-02	4.14E-02	9.94E+00		29	0.017935		110.5	0.068337		5.5	0.003401		8	4.94746E-06		36	2.23E-05		66	4.08166E-05		264	0.000163
21.79972	100	4.07E-02	4.09E-02	9.82E+00		29	0.017712		110.5	0.06749		5.5	0.003359		8	4.88614E-06		36	2.2E-05		66	4.03106E-05		264	0.000161
21.86639	104	4.03E-02	4.05E-02	9.72E+00	20	28	0.017526	104	111	0.066779	5	6	0.003324	10	7.5	4.83467E-06	23	37	2.18E-05	54	50	3.9866E-05	219	258	0.00016
21.93306	108	4.00E-02	4.01E-02	9.63E+00		28	0.016774		111	0.066498		6	0.003594		7.5	4.49311E-06		37	2.22E-05		50	2.99541E-05		258	0.000155
21.99972	112	3.96E-02	3.98E-02	9.55E+00		28	0.016641		111	0.065968		6	0.003566		7.5	4.45728E-06		37	2.2E-05		50	2.97152E-05		258	0.000153
22.06639	116	3.93E-02	3.95E-02	9.48E+00		28	0.016508		111	0.065442		6	0.003537		7.5	4.42176E-06		37	2.18E-05		50	2.94784E-05		258	0.000152
22.13305	120	3.71E-02	3.82E-02	9.17E+00	36	35	0.015968	118	142.5	0.0633	7	8	0.003422	5	5	4.27702E-06	51	53	2.11E-05	46	51.5	2.85135E-05	297	258	0.000147
22.19972	124	3.25E-02	3.48E-02	8.35E+00		35	0.018176		142.5	0.074003		8	0.004155		5	2.59658E-06		53	2.75E-05		51.5	2.67448E-05		258	0.000134
22.26639	128	2.67E-02	2.96E-02	7.11E+00		35	0.015481		142.5	0.063029		8	0.003538		5	2.21154E-06		53	2.34E-05		51.5	2.27788E-05		258	0.000114
22.33306	132	2.07E-02	2.37E-02	5.69E+00		35	0.012396		142.5	0.050471		8	0.002833		5	1.7709E-06		53	1.88E-05		51.5	1.82403E-05		258	9.14E-05
22.39972	136	1.49E-02	1.78E-02	4.27E+00	34	29.5	0.009294	167	126.5	0.037838	9	8	0.002124	5	4	1.32766E-06	55	56.5	1.41E-05	57	60.5	1.36749E-05	219	235.5	6.85E-05
22.46639	140	9.68E-03	1.23E-02	2.95E+00		29.5	0.005407		126.5	0.023185		8	0.001466		4	7.33121E-07		56.5	1.04E-05		60.5	1.10685E-05		235.5	4.32E-05
22.53306	144	5.36E-03	7.52E-03	1.80E+00		29.5	0.003312		126.5	0.014203		8	0.000898		4	4.49101E-07		56.5	6.34E-06		60.5	6.79265E-06		235.5	2.64E-05
22.59972	148	2.09E-03	3.72E-03	8.94E-01		29.5	0.00164		126.5	0.007031		8	0.000445		4	2.22337E-07		56.5	3.14E-06		60.5	3.36284E-06		235.5	1.31E-05
	152		1.04E-03	2.50E-01	25	25	0.00046	86	86	0.001971	7	7	0.000125	3	3	6.23166E-08	58	58	8.8E-07	64	64	9.42538E-07	252	252	3.67E-06

Conduit CSO 1026

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
3.46E+04	5.87	84.91	253.93	18.21	0.01	0.10	0.19	0.57

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
18.39972	0	5.75E-03			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
18.46639	4	5.36E-02	2.97E-02	7.12E+00		80	0.03542866		761.5	0.337237		36.5	0.016164		7.5	3.32144E-06		172.5	7.64E-05		283.5	0.000126		639	0.000283
18.53306	8	0.1025124	7.80E-02	1.87E+01		80	0.0932096		761.5	0.887239		36.5	0.042527		7.5	8.7384E-06		172.5	0.000201		283.5	0.00033		639	0.000745
18.59972	12	0.1319131	1.17E-01	2.81E+01		80	0.13998844		761.5	1.332515		36.5	0.06387		7.5	1.31239E-05		172.5	0.000302		283.5	0.000496		639	0.001116
18.66639	16	0.1469614	1.39E-01	3.35E+01	69	58	0.16653139	451	358.5	1.585171	24	17.5	0.07598	4	5.5	1.56123E-05	130	107	0.000359	198	147.5	0.00059	446	410.5	0.00133
18.73306	20	0.1558142	1.51E-01	3.63E+01		58	0.13106295		358.5	0.810228		17.5	0.039551		5.5	1.24303E-05		107	0.000242		147.5	0.000333		410.5	0.000926
18.79972	24	0.1621632	1.59E-01	3.82E+01		58	0.13766438		358.5	0.850908		17.5	0.041537		5.5	1.30544E-05		107	0.000254		147.5	0.00035		410.5	0.000974
18.86639	28	0.1670917	1.65E-01	3.95E+01	47	42	0.14254683	266	238.5	0.881087	11	9.5	0.04301	7	5.5	1.35174E-05	84	69.5	0.000263	97	90.5	0.000383	375	307	0.001009
18.93306	32	0.1707835	1.69E-01	4.05E+01		42	0.10592609		238.5	0.601509		9.5	0.023959		5.5	1.38713E-05		69.5	0.000175		90.5	0.000228		307	0.000774
18.99972	36	0.1734596	1.72E-01	4.13E+01		42	0.10792247		238.5	0.612845		9.5	0.024411		5.5	1.41327E-05		69.5	0.000179		90.5	0.000233		307	0.000789
19.06639	40	0.1763983	1.75E-01	4.20E+01		42	0.10968212		238.5	0.622838		9.5	0.024809		5.5	1.43631E-05		69.5	0.000181		90.5	0.000236		307	0.000802
19.13305	44	0.1800944	1.78E-01	4.28E+01	37	32	0.11176217	211	192.5	0.634649	8	7	0.02528	4	3.5	1.46355E-05	55	57	0.000185	84	101.5	0.000241	239	258.5	0.000617
19.19972	48	0.1843353	1.82E-01	4.37E+01		32	0.08704845		192.5	0.523651		7	0.019042		3.5	9.52092E-06		57	0.000155		101.5	0.000276		258.5	0.000703
19.26639	52	0.1892407	1.87E-01	4.48E+01		32	0.08923316		192.5	0.536793		7	0.01952		3.5	9.75988E-06		57	0.000159		101.5	0.000283		258.5	0.000721
19.33306	56	0.1927456	1.91E-01	4.58E+01		32	0.09124206		192.5	0.548878		7	0.019959		3.5	9.9796E-06		57	0.000163		101.5	0.000289		258.5	0.000737
19.39972	60	0.194445	1.94E-01	4.65E+01	27	32	0.09248517	174	166.5	0.556356	6	7	0.020231	3	2	1.01156E-05	59	70.5	0.000165	119	102	0.000293	278	310	0.000747
19.46639	64	0.1954417	1.95E-01	4.68E+01		32	0.09312917		166.5	0.484563		7	0.020372		2	5.82057E-06		70.5	0.000205		102	0.000297		310	0.000902
19.53306	68	0.1962092	1.96E-01	4.70E+01		32	0.09355057		166.5	0.486755		7	0.020464		2	5.84691E-06		70.5	0.000206		102	0.000298		310	0.000906
19.59972	72	0.2064276	2.01E-01	4.83E+01		32	0.09617468		166.5	0.500409		7	0.021038		2	6.01092E-06		70.5	0.000212		102	0.000307		310	0.000932
19.66639	76	0.2678887	2.37E-01	5.69E+01	37	37.5	0.1132962	159	138	0.589494	8	7	0.024784	1	3.5	7.08101E-06	82	65.5	0.00025	85	81.5	0.000361	342	325.5	0.001096
19.73306	80	0.3555334	3.12E-01	7.48E+01		37.5	0.17450617		138	0.642183		7	0.032574		3.5	1.62872E-05		65.5	0.000305		81.5	0.000379		325.5	0.001515
19.79972	84	0.4255394	3.91E-01	9.37E+01		37.5	0.21863521		138	0.804578		7	0.040812		3.5	2.0406E-05		65.5	0.000382		81.5	0.000475		325.5	0.001898
19.86639	88	0.4744733	4.50E-01	1.08E+02		37.5	0.25192846		138	0.927097		7	0.047027		3.5	2.35133E-05		65.5	0.00044		81.5	0.000548		325.5	0.002187
19.93306	92	0.5261139	5.00E-01	1.20E+02	38	29	0.28006093	117	110.5	1.030698	6	5.5	0.052282	6	8	2.61409E-05	49	36	0.000489	78	66	0.000609	309	264	0.002431
19.99972	96	0.6624334	5.94E-01	1.43E+02		29	0.25728342		110.5	0.980339		5.5	0.048795		8	7.09747E-05		36	0.000319		66	0.000586		264	0.002342
20.06639	100	1.241154	9.52E-01	2.28E+02		29	0.41206729		110.5	1.570118		5.5	0.078151		8	0.000113674		36	0.000512		66	0.000938		264	0.003751
20.13305	104	2.120637	1.68E+00	4.03E+02	20	28	0.72776618	104	111	2.77304	5	6	0.138025	10	7.5	0.000200763	23	37	0.000903	54	50	0.001656	219	258	0.006825
20.19972	108	2.88518	2.50E+00	6.01E+02		28	1.0462794		111	4.14775		6	0.224203		7.5	0.000280253		37	0.001383		50	0.001868		258	0.009641
20.26639	112	3.464486	3.17E+00	7.62E+02		28	1.32710791		111	5.261035		6	0.28438		7.5	0.000355475		37	0.001754		50	0.00237		258	0.012228
20.33306	116	3.8285	3.65E+00	8.75E+02		28	1.52426591		111	6.042626		6	0.326628		7.5	0.000408288		37	0.002014		50	0.002722		258	0.014045
20.39972	120	4.037637	3.93E+00	9.44E+02	36	35	1.64405897	118	142.5	6.517512	7	8	0.352298	5	5	0.000440372	51	53	0.002173	46	51.5	0.002936	297	258	0.015149
20.46639	124	4.15381	4.10E+00	9.83E+02		35	2.14006022		142.5	8.713102		8	0.489157		5	0.000305723		53	0.003241		51.5	0.003149		258	0.015775
20.53306	128	4.220393	4.19E+00	1.00E+03		35	2.18780622		142.5	8.907497		8	0.50007		5	0.000312544		53	0.003313		51.5	0.003219		258	0.016127
20.59972	132	4.172112	4.20E+00	1.01E+03		35	2.19258772		142.5	8.926964		8	0.501163		5	0.000313227		53	0.00332		51.5	0.003226		258	0.016163
20.66639	136	3.96396	4.07E+00	9.76E+02	34	29.5	2.1255932	167	126.5	8.654201	9	8	0.48585	5	4	0.000303656	55	56.5	0.003219	57	60.5	0.003128	219	235.5	0.015669
20.73306	140	3.77464	3.87E+00	9.29E+02		29.5	1.70404767		126.5	7.307187		8	0.462115		4	0.000231057		56.5	0.003264		60.5	0.003495		235.5	0.013803
20.79972	144	3.658994	3.72E+00	8.92E+02		29.5	1.63689384		126.5	7.019223		8	0.443903		4	0.000221952		56.5	0.003135		60.5	0.003357		235.5	0.013067
20.86639	148	3.596072	3.63E+00	8.71E+02		29.5	1.59757299		126.5	6.85061		8	0.43324		4	0.00021662		56.5	0.00306		60.5	0.003276		235.5	0.012754
20.93306	152	3.560871	3.58E+00	8.59E+02	25	27.5	1.57592216	86	107.5	6.757768	7	8	0.427369	3	3	0.000213684	58	59.5	0.003018	64	64.5	0.003232	252	277	0.012581
20.99972	156	3.5403	3.55E+00	8.52E+02		27.5	1.45763154		107.5	5.698014		8	0.424038		3	0.000159014		59.5	0.003154		64.5	0.003419		277	0.014682
21.06639	160	3.532449	3.54E+00	8.49E+02		27.5	1.45183835		107.5	5.675368		8	0.422353		3	0.000158382		59.5	0.003141		64.5	0.003405		277	0.014624
21.13305	164	3.528895	3.53E+00	8.47E+02		27.5	1.44949722		107.5	5.666216		8	0.421672		3	0.000158127		59.5	0.003136		64.5	0.0034		277	0.0146
21.19972	168	3.527403	3.53E+00	8.47E+02	30	40.5	1.44846142	129	118	5.662167	9	9.5	0.421371	3	4	0.000158014	61	54	0.003134	65	64	0.003397	302	269	0.01459
21.26639	172	3.527378	3.53E+00	8.47E+02		40.5	2.13273003		118	6.21388		9.5	0.50027		4	0.00021064		54	0.002844		64	0.00337		269	0.014166
21.33306	176	3.529462	3.53E+00	8.47E+02		40.5	2.13335249		118	6.215694		9.5	0.500416		4	0.000210701		54	0.002844		64	0.003371		269	0.01417
21.39972	180	3.531586	3.53E+00	8.47E+02	51	47	2.13462461	107	114	6.2194	10	9	0.500714	5	7	0.000210827	47	48	0.002846	63	102.5	0.003373	236	271	0.014178
21.46639	184	3.533015	3.53E+00	8.48E+02		47	2.47846517		114	6.011596		9	0.4746		7	0.000369133		48	0.002531		102.5	0.005405		271	0.014291
21.53306	188	3.534067	3.53E+00	8.48E+02		47	2.47933558		114	6.013708		9	0.474766		7	0.000369263		48	0.002532		102.5	0.005407		271	0.014296
21.59972	192	3.535125	3.53E+00	8.48E+02		47	2.48007583		114	6.015503		9	0.474908		7	0.000369373		48	0.002533		102.5	0.005409		271	0.0143
21.66639	196	3.535226	3.54E+00	8.48E+02		47	2.48048244		114	6.016489		9	0.474986	9	7	0.000369434	49	42	0.002533	142	140.5	0.00541	306	294	0.014302
21.73306	200	3.535252	3.54E+00	8.48E+02		47	2.480527		114	6.016597		9	0.474995		7	0.00036944		42	0.002217		140.5	0.007415		294	0.015516
21.79972	204	3.535247	3.54E+00	8.48E+02		47	2.48053436		114	6.016615		9	0.474996		7	0.000369441		42	0.002217		140.5	0.007415		294	0.015517
21.86639	208	3.534747	3.53E+00	8.48E+02		47	2.48035719		114	6.016186		9	0.474962		7	0.000369415		42	0.002216		140.5	0.007415		294	0.015515
21.93306	212	3.534069	3.53E+00	8.48E+02		47	2.47994392		114	6.015183		9	0.474883		7	0.000369353		42	0.002216		140.5	0.007413		294	0.015513
21.99972	216	3.533995	3.53E+00	8.48E+02		47	2.47968009		114	6.014543		9	0.474832		7	0.000369314		42	0.002216		140.5	0.007413		294	0.015511

Conduit CSO 1026

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
3.46E+04	5.87	84.91	253.93	18.21	0.01	0.10	0.19	0.57

Conduit CSO

Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
22.06639	220	3.503927	3.52E+00	8.45E+02			47 2.46910541			114 5.986894			9 0.472807			7 0.000367739			42 0.002206		140.5	0.007381			294 0.015445
22.13305	224	3.012731	3.26E+00	7.82E+02			47 2.28623101			114 5.545326			9 0.437789	5		4 0.000340502	35		37.5 0.002043	139	120.5	0.006834	282		252.5 0.014301
22.19972	228	2.434591	2.72E+00	6.54E+02			47 1.9110772			114 4.635379			9 0.365951			4 0.000162645			37.5 0.001525		120.5	0.0049			252.5 0.010267
22.26639	232	1.969963	2.21E+00	5.31E+02			47 1.55226077			114 3.765058			9 0.297241			4 0.000132107			37.5 0.001239		120.5	0.00396			252.5 0.008339
22.33306	236	1.691519	1.84E+00	4.42E+02			47 1.29156975			114 3.132744			9 0.247322			4 0.000109921			37.5 0.001031		120.5	0.003311			252.5 0.006939
22.39972	240	1.50062	1.60E+00	3.83E+02	43		48 1.11989415	121		91 2.716339	8		9 0.214448	3		4 9.53101E-05	40		37.5 0.000894	102	120.5	0.002871	223		252.5 0.006016
22.46639	244	1.371467	1.44E+00	3.45E+02			48 1.02904923			91 1.950906			9 0.192947			4 8.57541E-05			37.5 0.000804		120.5	0.002583			252.5 0.005413
22.53306	248	1.264181	1.33E+00	3.19E+02			48 0.95150061			91 1.803887			9 0.178406			4 7.92917E-05			37.5 0.000743		120.5	0.002389			252.5 0.005005
22.59972	252	1.222893	1.25E+00	3.01E+02			48 0.89826756			91 1.702966			9 0.168425			4 7.48556E-05			37.5 0.000702		120.5	0.002255			252.5 0.004725
22.66639	256	1.182037	1.20E+00	2.89E+02			48 0.86167006			91 1.633583			9 0.161563	5		5 7.18058E-05	35		35 0.000673	139	139	0.002163	282		282 0.004533
22.73306	260	1.154093	1.17E+00	2.80E+02			48 0.83701949			91 1.586849			9 0.156941			5 8.71695E-05			35 0.00061		139	0.002424			282 0.004917
22.79972	264	1.134703	1.14E+00	2.75E+02			48 0.82006004			91 1.554697			9 0.153761			5 8.54229E-05			35 0.000598		139	0.002375			282 0.004818
22.86639	268	1.121132	1.13E+00	2.71E+02			48 0.80825033			91 1.532308			9 0.151547			5 8.41927E-05			35 0.000589		139	0.002341			282 0.004748
22.93306	272	1.111392	1.12E+00	2.68E+02			48 0.79989816			91 1.516474			9 0.149981	5		5 8.33227E-05	35		35 0.000583	139	139	0.002316	282		282 0.004699
22.99972	276	1.103813	1.11E+00	2.66E+02			48 0.79369288			91 1.504709			9 0.148817			5 8.26763E-05			35 0.000579		139	0.002298			282 0.004663
23.06639	280	1.094383	1.10E+00	2.64E+02			48 0.78759867			91 1.493156			9 0.147675			5 8.20415E-05			35 0.000574		139	0.002281			282 0.004627
23.13305	284	0.9962581	1.05E+00	2.51E+02			48 0.74977907			91 1.421456			9 0.140584	5		4 7.8102E-05	35		33.5 0.000547	139	98	0.002171	282		215 0.004405
23.19972	288	0.858306	9.28E-01	2.23E+02			48 0.665195			91 1.261099			9 0.124724			4 5.54329E-05			33.5 0.000484		98	0.00133			215 0.00296
23.26639	292	0.721912	7.90E-01	1.90E+02			48 0.56618208			91 1.073387			9 0.106159			4 4.71818E-05			33.5 0.000395		98	0.001132			215 0.002536
23.33306	296	0.6123644	6.67E-01	1.60E+02			48 0.47806216			91 0.906326			9 0.089637			4 3.98385E-05			33.5 0.000334		98	0.000956			216 0.002141
23.39972	300	0.5274045	5.70E-01	1.37E+02	53		53 0.40837144	61		61 0.774204	10		10 0.07657	3		4 3.4031E-05	32		29.5 0.000285	53	65	0.000817	148		171 0.001829
23.46639	304	0.4651259	4.96E-01	1.19E+02			53 0.39266032			61 0.45193			10 0.074087			4 2.96347E-05			29.5 0.000219		65	0.000482			171 0.001267
23.53306	308	0.4213996	4.43E-01	1.06E+02			53 0.35072314			61 0.403662			10 0.066174			4 2.64697E-05			29.5 0.000195		65	0.00043			171 0.001132
23.59972	312	0.3880191	4.05E-01	9.71E+01			53 0.32021851			61 0.368553			10 0.060419			4 2.41674E-05			29.5 0.000178		65	0.000393			171 0.001033
23.66639	316	0.361916	3.75E-01	9.00E+01			53 0.29668588			61 0.341469			10 0.055978	5		5 2.23914E-05	27		27 0.000165	77	77	0.000364	194		194 0.000957
23.73306	320	0.3413492	3.52E-01	8.44E+01			53 0.27822255			61 0.320218			10 0.052495			5 2.62474E-05			27 0.000142		77	0.000404			194 0.001018
23.79972	324	0.3247258	3.33E-01	7.99E+01			53 0.26350953			61 0.303285			10 0.049719			5 2.48594E-05			27 0.000134		77	0.000383			194 0.000965
23.86639	328	0.3089511	3.17E-01	7.60E+01			53 0.25069234			61 0.288533			10 0.0473			5 2.36502E-05			27 0.000128		77	0.000364			194 0.000918
23.93306	332	0.2949846	3.02E-01	7.25E+01			53 0.23892627			61 0.274991			10 0.04508			5 2.25402E-05			27 0.000122		77	0.000347			194 0.000875
23.99972	336	0.2813639	2.88E-01	6.92E+01			53 0.22801235			61 0.262429			10 0.043021			5 2.15106E-05			27 0.000116		77	0.000331			194 0.000835
24.06639	340	0.2670559	2.74E-01	6.58E+01			53 0.21696332			61 0.249713			10 0.040936			5 2.04682E-05			27 0.000111		77	0.000315			194 0.000794
24.13305	344	0.2086912	2.38E-01	5.71E+01			53 0.18821288			61 0.216622			10 0.035512	5		5 1.77559E-05	27		27 9.59E-05	77	77	0.000273	194		194 0.000689
24.19972	348	0.1207881	1.65E-01	3.95E+01			53 0.1303483			61 0.150021			10 0.024594			5 1.22988E-05			27 6.64E-05		77	0.000189			194 0.000477
24.26639	352	4.26E-02	8.17E-02	1.96E+01			53 0.0646208			61 0.074375			10 0.012193			5 6.0963E-06			27 3.29E-05		77	9.39E-05			194 0.000237
	356		2.13E-02	5.11E+00			53 0.01683596			61 0.019377			10 0.003177			5 1.5883E-06			27 8.58E-06		77	2.45E-05			194 6.16E-05
	360		0.00E+00	0.00E+00			53 0			61 0			10 0			5 0			27 0		77	0			194 0

Conduit CSO 1027

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
1.55E+04	7.53	41.01	101.57	8.34	0.00	0.04	0.09	0.25

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
17.39972	0	1.48E-05			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
17.46639	4	1.41E-04	7.78E-05	1.87E-02		80	9.295E-05		761.5	0.000885		36.5	4.24E-05		7.5	8.71438E-09		172.5	2E-07		283.5	3.29403E-07		639	7.42E-07
17.53306	8	3.56E-04	2.49E-04	5.97E-02		80	0.0002969		761.5	0.002826		36.5	0.000135		7.5	2.78381E-08		172.5	6.4E-07		283.5	1.05228E-06		639	2.37E-06
17.59972	12	6.35E-04	4.96E-04	1.19E-01		80	0.0005923		761.5	0.005638		36.5	0.00027		7.5	5.55294E-08		172.5	1.28E-06		283.5	2.09901E-06		639	4.73E-06
17.66639	16	9.50E-04	7.93E-04	1.90E-01	69	58	0.0009471	451	358.5	0.009015	24	17.5	0.000432	4	5.5	8.87864E-08	130	107	2.04E-06	198	147.5	3.35613E-06	446	410.5	7.58E-06
17.73306	20	1.30E-03	1.13E-03	2.70E-01		58	0.0009758		358.5	0.006031		17.5	0.000294		5.5	9.25289E-08		107	1.8E-06		147.5	2.48146E-06		410.5	6.91E-06
17.79972	24	1.67E-03	1.48E-03	3.56E-01		58	0.0012858		358.5	0.007948		17.5	0.000388		5.5	1.2193E-07		107	2.37E-06		147.5	3.26994E-06		410.5	9.1E-06
17.86639	28	2.03E-03	1.85E-03	4.43E-01	47	42	0.0015987	266	238.5	0.009681	11	9.5	0.000482	7	5.5	1.51598E-07	84	69.5	2.95E-06	97	90.5	4.06559E-06	375	307	1.13E-05
17.93306	32	2.35E-03	2.19E-03	5.26E-01		42	0.0013733		238.5	0.007798		9.5	0.000311		5.5	1.79833E-07		69.5	2.27E-06		90.5	2.95907E-06		307	1E-05
17.99972	36	2.65E-03	2.50E-03	6.01E-01		42	0.0015693		238.5	0.008911		9.5	0.000355		5.5	2.05503E-07		69.5	2.6E-06		90.5	3.38145E-06		307	1.15E-05
18.06639	40	2.95E-03	2.80E-03	6.72E-01		42	0.0017561		238.5	0.009972		9.5	0.000397		5.5	2.29964E-07		69.5	2.91E-06		90.5	3.76396E-06		307	1.28E-05
18.13305	44	4.30E-03	3.63E-03	8.70E-01	37	32	0.0022737	211	192.5	0.012911	8	7	0.000514	4	3.5	2.97747E-07	55	57	3.76E-06	84	101.5	4.8993E-06	239	258.5	1.66E-05
18.19972	48	6.78E-03	5.54E-03	1.33E+00		32	0.0026478		192.5	0.015928		7	0.000579		3.5	2.89606E-07		57	4.72E-06		101.5	8.39858E-06		258.5	2.14E-05
18.26639	52	1.20E-02	9.38E-03	2.25E+00		32	0.0044807		192.5	0.026954		7	0.00098		3.5	4.90072E-07		57	7.98E-06		101.5	1.42121E-05		258.5	3.62E-05
18.33306	56	2.98E-02	2.09E-02	5.01E+00		32	0.0099773		192.5	0.06002		7	0.002183		3.5	1.09127E-06		57	1.78E-05		101.5	3.16469E-05		258.5	8.06E-05
18.39972	60	8.94E-02	5.96E-02	1.43E+01	27	32	0.0284815	174	166.5	0.171334	6	7	0.00623	3	2	3.11516E-06	59	70.5	5.07E-05	119	102	9.03397E-05	276	310	0.00023
18.46639	64	0.1535296	1.21E-01	2.92E+01		32	0.0580371		166.5	0.301974		7	0.012696		2	3.62732E-06		70.5	0.000128		102	0.000184993		310	0.000562
18.53306	68	0.2071043	1.80E-01	4.33E+01		32	0.0861418		166.5	0.448206		7	0.018844		2	5.38386E-06		70.5	0.00019		102	0.000274577		310	0.000834
18.59972	72	0.2471849	2.27E-01	5.45E+01		32	0.1085125		166.5	0.564604		7	0.023737		2	6.78203E-06		70.5	0.000239		102	0.000345884		310	0.001051
18.66639	76	0.2832091	2.65E-01	6.36E+01	37	37.5	0.126691	159	138	0.659189	8	7	0.027714	1	3.5	7.91819E-06	82	65.5	0.000279	85	81.5	0.000403828	342	325.5	0.001227
18.73306	80	0.3245751	3.04E-01	7.29E+01		37.5	0.1701289		138	0.626074		7	0.031757		3.5	1.58787E-05		65.5	0.000297		81.5	0.000369747		325.5	0.001477
18.79972	84	0.3749623	3.50E-01	8.39E+01		37.5	0.1958121		138	0.720589		7	0.036552		3.5	1.82758E-05		65.5	0.000342		81.5	0.000425565		325.5	0.0017
18.86639	88	0.4249142	4.00E-01	9.60E+01		37.5	0.2238987		138	0.823947		7	0.041794		3.5	2.08972E-05		65.5	0.000391		81.5	0.000486606		325.5	0.001943
18.93306	92	0.4775379	4.51E-01	1.08E+02	38	29	0.2526113	117	110.5	0.92961	6	5.5	0.047154	6	8	2.35771E-05	49	36	0.000441	78	66	0.000549009	309	264	0.002193
18.99972	96	0.5299711	5.04E-01	1.21E+02		29	0.2180943		110.5	0.831014		5.5	0.041363		8	6.01639E-05		36	0.000271		66	0.000496352		264	0.001985
19.06639	100	0.5794864	5.55E-01	1.33E+02		29	0.2401629		110.5	0.915104		5.5	0.045548		8	6.62518E-05		36	0.000298		66	0.000546578		264	0.002186
19.13305	104	0.6241943	6.02E-01	1.44E+02	20	28	0.2605593	104	111	0.992821	5	6	0.049416	10	7.5	7.18784E-05	23	37	0.000323	54	50	0.000592997	219	258	0.002372
19.19972	108	0.6625539	6.43E-01	1.54E+02		28	0.268936		111	1.066139		6	0.057629		7.5	7.20364E-05		37	0.000355		50	0.000480243		258	0.002478
19.26639	112	0.6949291	6.79E-01	1.63E+02		28	0.2837199		111	1.124747		6	0.060797		7.5	7.59964E-05		37	0.000375		50	0.000506843		258	0.002614
19.33306	116	0.7211325	7.08E-01	1.70E+02		28	0.2959631		111	1.173282		6	0.063421		7.5	7.92758E-05		37	0.000391		50	0.000528505		258	0.002727
19.39972	120	0.7418323	7.31E-01	1.76E+02	36	35	0.305766	118	142.5	1.212144	7	8	0.065521	5	5	8.19016E-05	51	53	0.000404	46	51.5	0.000546011	297	258	0.002817
19.46639	124	0.758301	7.50E-01	1.80E+02		35	0.391918		142.5	1.595666		8	0.089581		5	5.59883E-05		53	0.000593		51.5	0.000576679		258	0.002889
19.53306	128	0.7715733	7.65E-01	1.84E+02		35	0.399688		142.5	1.627301		8	0.091357		5	5.70983E-05		53	0.000605		51.5	0.000588112		258	0.002946
19.59972	132	0.8210748	7.96E-01	1.91E+02		35	0.416088		142.5	1.694073		8	0.095106		5	5.94411E-05		53	0.00063		51.5	0.000612244		258	0.003067
19.66639	136	0.9258977	8.73E-01	2.10E+02	34	29.5	0.4564061	167	126.5	1.858225	9	8	0.104321	5	4	6.52009E-05	55	56.5	0.000691	57	60.5	0.000671569	219	235.5	0.003364
19.73306	140	0.9946938	9.60E-01	2.30E+02		29.5	0.4229162		126.5	1.813522		8	0.114689		4	5.73446E-05		56.5	0.00081		60.5	0.000867337		235.5	0.003376
19.79972	144	1.046896	1.02E+00	2.45E+02		29.5	0.4495602		126.5	1.927775		8	0.121915		4	6.09573E-05		56.5	0.000861		60.5	0.000921979		235.5	0.003589
19.86639	148	1.096966	1.07E+00	2.57E+02		29.5	0.4720806		126.5	2.024346		8	0.128022		4	6.40109E-05		56.5	0.000904		60.5	0.000968165		235.5	0.003769
19.93306	152	1.148278	1.12E+00	2.69E+02	25	27.5	0.494405	86	107.5	2.120076	7	8	0.134076	3	3	6.7038E-05	58	59.5	0.000947	64	64.5	0.001013949	252	277	0.003947
19.99972	156	1.198481	1.17E+00	2.82E+02		27.5	0.4817243		107.5	1.883104		8	0.140138		3	5.25517E-05		59.5	0.001042		64.5	0.001129862		277	0.004852
20.06639	160	1.243683	1.22E+00	2.93E+02		27.5	0.5013082		107.5	1.959659		8	0.145835		3	5.46882E-05		59.5	0.001085		64.5	0.001175796		277	0.00505
20.13305	164	1.282086	1.26E+00	3.03E+02		27.5	0.51847		107.5	2.026746		8	0.150828		3	5.65604E-05		59.5	0.001122		64.5	0.001216048		277	0.005222
20.19972	168	1.312811	1.30E+00	3.11E+02	30	40.5	0.5326601	129	118	2.082217	9	9.5	0.154956	3	4	5.81084E-05	61	54	0.001152	65	64	0.00124933	302	269	0.005365
20.26639	172	1.336718	1.32E+00	3.18E+02		40.5	0.8009788		118	2.333716		9.5	0.187884		4	7.9109E-05		54	0.001068		64	0.001265744		269	0.00532
20.33306	176	1.354844	1.35E+00	3.23E+02		40.5	0.8136858		118	2.370739		9.5	0.190865		4	8.0364E-05		54	0.001085		64	0.001285824		269	0.005404
20.39972	180	1.36835	1.36E+00	3.27E+02	51	47	0.8232485	107	114	2.3986	10	9	0.193108	5	7	8.13085E-05	47	48	0.001096	63	102.5	0.001300936	236	271	0.005468
20.46639	184	1.378307	1.37E+00	3.30E+02		47	0.9636063		114	2.337258		9	0.18452		7	0.000143516		48	0.000984		102.5	0.002101482		271	0.005556
20.53306	188	1.38544	1.38E+00	3.32E+02		47	0.9696019		114	2.3518		9	0.185668		7	0.000144409		48	0.00099		102.5	0.002114557		271	0.005591
20.59972	192	1.366437	1.38E+00	3.30E+02		47	0.9654376		114	2.3417		9	0.184871		7	0.000143789		48	0.000986		102.5	0.002105476		271	0.005587
20.66639	196	1.317129	1.34E+00	3.22E+02		47	0.9414721		114	2.283571		9	0.180282	9	7	0.000140219	49	42	0.000962	142	140.5	0.00205321	306	294	0.005428
20.73306	200	1.285756	1.30E+00	3.12E+02		47	0.9131669		114	2.214915		9	0.174862		7	0.000136004		42	0.000816		140.5	0.002729786		294	0.005712
20.79972	204	1.260828	1.27E+00	3.06E+02		47	0.8934149		114	2.167006		9	0.171079		7	0.000133062		42	0.000798		140.5	0.00267074		294	0.005589
20.86639	208	1.235821	1.25E+00	3.00E+02		47	0.8758963		114	2.124514		9	0.167725		7	0.000130453		42	0.000783		140.5	0.002618371		294	0.005479
20.93306	212	1.210987	1.22E+00	2.94E+02		47	0.8584106		114	2.082102		9	0.164376		7	0.000127848		42	0.000767		140.5	0.0025661		294	0.00537
20.99972	216	1.187933	1.20E+00	2.88E+02		47	0.8416101		114	2.041352		9	0.161159		7	0.000125346		42	0.000752		140.5	0.002515877		294	0.005265
21.06639	220	1.167683	1.18E+00	2.83E+02		47	0.8264178		114	2.004503		9	0.15825		7	0.000123084		42	0.000739		140.5	0.002470462		294	0.00517
21.13305	224	1.150642	1.16E+00	2.78E+02		47	0.8133351		114	1.97277		9	0.155745	5	4	0.000121135	35	37.5	0.000727	139	120.5	0.002431353	282	252.5	0.005068
21.19972	228	1.13676	1.14E+00	2.74E+02		47	0.8024864		114	1.946456		9	0.153668		4	6.82967E-05		37.5	0.00064		120.5	0.002057439		252.5	0.004311
21.26639	232	1.125978	1.13E+00	2.72E+02		47	0.7938336		114	1.925469		9	0.152011		4	6.75603E-05		37.5	0.000633		120.5	0.002035254		252.5	0.004265
21.33306	236	1.117769	1.12E+00	2.69E+02		47	0.787178		114	1.909325		9	0.150736		4	6.69939E-05		37.5	0.000628		120.5	0.00201819		252.5	0.004229
21.39972	240	1.111647	1.11E+00	2.68E+02	43	48	0.7821503	121	91	1.89713	8	9	0.149773	3	4	6.6566E-05	40	37.5	0.000624	102	120.5	0.0020053	223	252.5	0.004202

Conduit CSO 1027

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
1.55E+04	7.53	41.01	101.57	8.34	0.00	0.04	0.09	0.25

Conduit CSO

Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
21.46639	244	1.107036	1.11E+00	2.66E+02		48	0.784939			91	1.507072		9	0.149051		4	6.62449E-05		37.5	0.000621		120.5	0.001995628		252.5	0.004182
21.53306	248	1.10373	1.11E+00	2.65E+02		48	0.7921024			91	1.501694		9	0.148519		4	6.60085E-05		37.5	0.000619		120.5	0.001988507		252.5	0.004167
21.59972	252	1.101429	1.10E+00	2.65E+02		48	0.7900935			91	1.497886		9	0.148143		4	6.58411E-05		37.5	0.000617		120.5	0.001983484		252.5	0.004156
21.66639	256	1.099985	1.10E+00	2.64E+02		48	0.7887517			91	1.495342		9	0.147891	5	5	6.57293E-05	35	35	0.000616	139	139	0.001980095	282	282	0.004149
21.73306	260	1.099058	1.10E+00	2.64E+02		48	0.7879021			91	1.493731		9	0.147732		5	6.57031E-05		35	0.000575		139	0.002281633		282	0.004629
21.79972	264	1.098599	1.10E+00	2.64E+02		48	0.7874056			91	1.49279		9	0.147639		5	6.20214E-05		35	0.000574		139	0.002280195		282	0.004626
21.86639	268	1.098554	1.10E+00	2.64E+02		48	0.787225			91	1.492447		9	0.147605		5	6.20026E-05		35	0.000574		139	0.002279672		282	0.004625
21.93306	272	1.098598	1.10E+00	2.64E+02		48	0.7872246			91	1.492447		9	0.147605	5	5	6.20026E-05	35	35	0.000574	139	139	0.002279671	282	282	0.004625
21.99972	276	1.099041	1.10E+00	2.64E+02		48	0.7873991			91	1.492777		9	0.147637		5	6.20207E-05		35	0.000574		139	0.002280177		282	0.004626
22.06639	280	1.099066	1.09E+00	2.63E+02		48	0.7843421			91	1.486982		9	0.147064		5	6.17023E-05		35	0.000572		139	0.002271324		282	0.004606
22.13305	284	0.9711015	1.03E+00	2.47E+02		48	0.7385023			91	1.400077		9	0.138469	5	4	7.69273E-05	35	33.5	0.000538	139	96	0.00213858	282	215	0.004339
22.19972	288	0.859419	9.15E-01	2.20E+02		48	0.655863			91	1.243407		9	0.122974		4	5.46553E-05		33.5	0.000458		96	0.001311726		215	0.002938
22.26639	292	0.7800089	8.20E-01	1.97E+02		48	0.5873959			91	1.113605		9	0.110137		4	4.89497E-05		33.5	0.00041		96	0.001174792		215	0.002631
22.33306	296	0.712194	7.48E-01	1.79E+02		48	0.5346461			91	1.0136		9	0.100246		4	4.45538E-05		33.5	0.000373		96	0.001069292		215	0.002395
22.39972	300	0.6482807	6.80E-01	1.63E+02	53	53	0.4874488	61		61	0.924122	10	10	0.091397	3	4	4.06207E-05	32	29.5	0.00034	53	65	0.000974896	148	171	0.002183
22.46639	304	0.5904615	6.19E-01	1.49E+02		53	0.4900655			61	0.564038		10	0.092465		4	3.69861E-05		29.5	0.000273		65	0.000601024		171	0.001581
22.53308	308	0.5400516	5.65E-01	1.36E+02		53	0.4472484			61	0.514758		10	0.084386		4	3.37546E-05		29.5	0.000249		65	0.000548512		171	0.001443
22.59972	312	0.4964041	5.18E-01	1.24E+02		53	0.4100378			61	0.47193		10	0.077366		4	3.09463E-05		29.5	0.000228		65	0.000502877		171	0.001323
22.66639	316	0.45947	4.78E-01	1.15E+02		53	0.3781585			61	0.435239		10	0.071351	5	5	2.85403E-05	27	27	0.00021	77	77	0.000463779	194	194	0.00122
22.73306	320	0.4282693	4.44E-01	1.07E+02		53	0.3512033			61	0.404215		10	0.066265		5	3.31324E-05		27	0.000179		77	0.000510239		194	0.001286
22.79972	324	0.4019484	4.15E-01	9.96E+01		53	0.3284469			61	0.378024		10	0.061971		5	3.09856E-05		27	0.000167		77	0.000477178		194	0.001202
22.86639	328	0.3789751	3.90E-01	9.37E+01		53	0.3089454			61	0.355579		10	0.058292		5	2.91458E-05		27	0.000157		77	0.000448845		194	0.001131
22.93306	332	0.3576723	3.68E-01	8.84E+01		53	0.2914291			61	0.335418		10	0.054987		5	2.74933E-05		27	0.000148		77	0.000423397		194	0.001067
22.99972	336	0.3414613	3.50E-01	8.39E+01		53	0.276588			61	0.318337		10	0.052186		5	2.60932E-05		27	0.000141		77	0.000401835		194	0.001012
23.06639	340	0.326897	3.34E-01	8.02E+01		53	0.2644128			61	0.304324		10	0.049889		5	2.49446E-05		27	0.000135		77	0.000384147		194	0.000968
23.13305	344	0.2926869	3.10E-01	7.44E+01		53	0.2451169			61	0.282116		10	0.046248	5	5	2.31242E-05	27	27	0.000125	77	77	0.000356113	194	194	0.000897
23.19972	348	0.2581642	2.75E-01	6.61E+01		53	0.2179252			61	0.25082		10	0.041118		5	2.0559E-05		27	0.000111		77	0.000316606		194	0.000798
23.26639	352	0.2326636	2.45E-01	5.89E+01		53	0.194179			61	0.223489		10	0.036638		5	1.83188E-05		27	9.89E-05		77	0.000282109		194	0.000711
23.33306	356	0.2128519	2.23E-01	5.35E+01		53	0.1762528			61	0.202857		10	0.033255		5	1.66276E-05		27	8.98E-05		77	0.000256065		194	0.000645
23.39972	360	0.1958431	2.04E-01	4.90E+01		53	0.161686			61	0.186091		10	0.030507		5	1.52534E-05		27	8.24E-05		77	0.000234902		194	0.000592
23.46639	364	0.1807486	1.88E-01	4.52E+01		53	0.1489855			61	0.171474		10	0.02811		5	1.40552E-05		27	7.59E-05		77	0.000216451		194	0.000545
23.53306	368	0.1670597	1.74E-01	4.17E+01		53	0.1375983			61	0.158368		10	0.025962		5	1.2981E-05		27	7.01E-05		77	0.000199907		194	0.000504
23.59972	372	0.1544923	1.61E-01	3.86E+01		53	0.1272109			61	0.146413		10	0.024002		5	1.2001E-05		27	6.48E-05		77	0.000184816		194	0.000466
23.66639	376	0.1432444	1.49E-01	3.57E+01		53	0.1177892			61	0.135569		10	0.022224		5	1.11122E-05		27	6E-05		77	0.000171128		194	0.000431
23.73306	380	0.1332737	1.38E-01	3.32E+01		53	0.1093948			61	0.125907		10	0.020641		5	1.03203E-05		27	5.57E-05		77	0.000158932		194	0.0004
23.79972	384	0.1246877	1.29E-01	3.10E+01		53	0.1020535			61	0.117458		10	0.019255		5	9.62769E-06		27	5.2E-05		77	0.000148266		194	0.000374
23.86639	388	0.1176677	1.21E-01	2.91E+01		53	0.0958795			61	0.110352		10	0.01809		5	9.04524E-06		27	4.88E-05		77	0.000139297		194	0.000351
23.93306	392	0.1119097	1.15E-01	2.75E+01		53	0.0908244			61	0.104534		10	0.017137		5	8.56834E-06		27	4.63E-05		77	0.000131952		194	0.000332
23.99972	396	0.1070314	1.09E-01	2.63E+01		53	0.0866165			61	0.099691		10	0.016343		5	8.17137E-06		27	4.41E-05		77	0.000125839		194	0.000317
24.06639	400	0.1021563	1.05E-01	2.51E+01		53	0.0827579			61	0.09525		10	0.015615		5	7.80735E-06		27	4.22E-05		77	0.000120233		194	0.000303
24.13305	404	8.81E-02	9.51E-02	2.28E+01		53	0.0752779			61	0.086641		10	0.014203		5	7.10189E-06		27	3.83E-05		77	0.000109366		194	0.000276
24.19972	408	6.54E-02	7.68E-02	1.84E+01		53	0.0607437			61	0.069913		10	0.011461		5	5.73054E-06		27	3.09E-05		77	8.82503E-05		194	0.000222
24.26639	412	5.13E-02	5.84E-02	1.40E+01		53	0.046191			61	0.053163		10	0.008715		5	4.35764E-06		27	2.35E-05		77	6.71076E-05		194	0.000169
24.33306	416	4.06E-02	4.60E-02	1.10E+01		53	0.0363669			61	0.041856		10	0.006862		5	3.43084E-06		27	1.85E-05		77	5.28349E-05		194	0.000133
24.39972	420	3.21E-02	3.63E-02	8.72E+00		53	0.0287394			61	0.033077		10	0.005423		5	2.71126E-06		27	1.46E-05		77	4.17534E-05		194	0.000105
24.46639	424	2.49E-02	2.85E-02	6.84E+00		53	0.0225464			61	0.02595		10	0.004254		5	2.12702E-06		27	1.15E-05		77	3.27562E-05		194	8.25E-05
24.53306	428	1.89E-02	2.19E-02	5.27E+00		53	0.017358			61	0.019978		10	0.003275		5	1.63755E-06		27	8.84E-06		77	2.52183E-05		194	6.35E-05
24.59972	432	1.39E-02	1.64E-02	3.94E+00		53	0.0129943			61	0.014956		10	0.002452		5	1.22587E-06		27	6.62E-06		77	1.88785E-05		194	4.76E-05
24.66639	436	9.72E-03	1.18E-02	2.83E+00		53	0.0093451			61	0.010756		10	0.001763		5	8.81617E-07		27	4.76E-06		77	1.35769E-05		194	3.42E-05
24.73306	440	6.39E-03	8.05E-03	1.93E+00		53	0.0063721			61	0.007334		10	0.001202		5	6.01146E-07		27	3.25E-06		77	9.25765E-06		194	2.33E-05
24.79972	444	3.86E-03	5.12E-03	1.23E+00		53	0.0040522			61	0.004664		10	0.000765		5	3.82282E-07		27	2.06E-06		77	5.88714E-06		194	1.48E-05
24.86639	448	1.94E-03	2.90E-03	6.96E-01		53	0.0022935			61	0.00264		10	0.000433		5	2.16364E-07		27	1.17E-06		77	3.332E-06		194	8.39E-06
24.93306	452	5.70E-04	1.26E-03	3.01E-01		53	0.0009932			61	0.001143		10	0.000187		5	9.36984E-08		27	5.06E-07		77	1.44296E-06		194	3.64E-06
	456		2.85E-04	6.84E-02		53	0.0002254			61	0.000259		10	4.25E-05		5	2.12599E-08		27	1.15E-07		77	3.27402E-07		194	8.25E-07
	460		0.00E+00	0.00E+00		53	0			61	0		10	0		5	0		27	0		77	0		194	0
	464		0.00E+00	0.00E+00		53	0			61	0		10	0		5	0		27	0		77	0		194	0

Conduit CSO 1029

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
5.65E+04	7.60	149.79	372.23	30.31	0.02	0.15	0.34	0.91

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
17.39972	0	2.18E-03			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
17.46639	4	6.49E-03	4.34E-03	1.04E+00		80	0.00517802		761.5	0.049288		36.5	0.002362		7.5	4.8544E-07		172.5	1.12E-05		283.5	1.83496E-05		639	4.14E-05
17.53306	8	1.15E-02	9.01E-03	2.16E+00		80	0.01076168		761.5	0.102438		36.5	0.00491		7.5	1.00891E-06		172.5	2.32E-05		283.5	3.81367E-05		639	8.6E-05
17.59972	12	1.68E-02	1.42E-02	3.40E+00		80	0.01692941		761.5	0.161147		36.5	0.007724		7.5	1.58713E-06		172.5	3.65E-05		283.5	5.99936E-05		639	0.000135
17.66639	16	2.22E-02	1.95E-02	4.68E+00	69	58	0.02330539	451	358.5	0.221838	24	17.5	0.010633	4	5.5	2.18488E-06	130	107	5.03E-05	198	147.5	8.25885E-05	446	410.5	0.000186
17.73306	20	2.73E-02	2.48E-02	5.95E+00		58	0.02145218		358.5	0.132597		17.5	0.006473		5.5	2.03426E-06		107	3.96E-05		147.5	5.45551E-05		410.5	0.000152
17.79972	24	3.20E-02	2.97E-02	7.13E+00		58	0.02570587		358.5	0.158889		17.5	0.007756		5.5	2.43763E-06		107	4.74E-05		147.5	6.53727E-05		410.5	0.000182
17.86639	28	3.61E-02	3.40E-02	8.17E+00	47	42	0.02948217	266	238.5	0.18223	11	9.5	0.008895	7	5.5	2.79572E-06	84	69.5	5.44E-05	97	90.5	7.49782E-05	375	307	0.000209
17.93306	32	3.95E-02	3.78E-02	9.06E+00		42	0.02367724		238.5	0.134453		9.5	0.005356		5.5	3.10059E-06		69.5	3.92E-05		90.5	5.10188E-05		307	0.000173
17.99972	36	4.22E-02	4.08E-02	9.80E+00		42	0.02561048		238.5	0.145431		9.5	0.005793		5.5	3.35375E-06		69.5	4.24E-05		90.5	5.51845E-05		307	0.000187
18.06639	40	4.46E-02	4.34E-02	1.04E+01		42	0.02722785		238.5	0.154615		9.5	0.006159		5.5	3.56555E-06		69.5	4.51E-05		90.5	5.86695E-05		307	0.000199
18.13305	44	5.05E-02	4.76E-02	1.14E+01	37	32	0.02981494	211	192.5	0.169306	8	7	0.006744	4	3.5	3.90434E-06	55	57	4.93E-05	84	101.5	8.42441E-05	239	258.5	0.000218
18.19972	48	6.97E-02	6.01E-02	1.44E+01		32	0.02870994		192.5	0.172708		7	0.00628		3.5	3.14015E-06		57	5.11E-05		101.5	9.10644E-05		258.5	0.000232
18.26639	52	0.1168465	9.33E-02	2.24E+01		32	0.0445608		192.5	0.268061		7	0.009748		3.5	4.87384E-06		57	7.94E-05		101.5	0.000141341		258.5	0.00036
18.33306	56	0.2133681	1.65E-01	3.96E+01		32	0.07887576		192.5	0.474487		7	0.017254		3.5	8.62704E-06		57	0.00014		101.5	0.000250184		258.5	0.000637
18.39972	60	0.384617	2.99E-01	7.18E+01	27	32	0.142836	174	166.5	0.859248	6	7	0.031245	3	2	1.56227E-05	59	70.5	0.000254	119	102	0.000453058	278	310	0.001154
18.46639	64	0.6214313	5.03E-01	1.21E+02		32	0.24030684		166.5	1.250347		7	0.052567		2	1.50192E-05		70.5	0.000529		102	0.000765978		310	0.002326
18.53306	68	0.9199167	7.71E-01	1.85E+02		32	0.36816967		166.5	1.915633		7	0.080537		2	2.30106E-05		70.5	0.000811		102	0.001173541		310	0.003567
18.59972	72	1.232321	1.06E+00	2.58E+02		32	0.51408808		166.5	2.674865		7	0.112457		2	3.21305E-05		70.5	0.001133		102	0.001638656		310	0.00498
18.66639	76	1.513504	1.37E+00	3.29E+02	37	37.5	0.65587361	159	138	3.412592	8	7	0.143472	1	3.5	4.09921E-05	82	65.5	0.001445	85	81.5	0.002090597	342	325.5	0.008354
18.73306	80	1.764536	1.64E+00	3.93E+02		37.5	0.91757768		138	3.376686		7	0.171281		3.5	8.56406E-05		65.5	0.001603		81.5	0.001994202		325.5	0.007965
18.79972	84	1.979113	1.87E+00	4.49E+02		37.5	1.04790935		138	3.856306		7	0.19561		3.5	9.78049E-05		65.5	0.00183		81.5	0.002277456		325.5	0.009096
18.86639	88	2.147141	2.06E+00	4.95E+02		37.5	1.15500683		138	4.250425		7	0.215601		3.5	0.000107801		65.5	0.002017		81.5	0.002510215		325.5	0.010025
18.93306	92	2.271987	2.21E+00	5.30E+02	38	29	1.23698711	117	110.5	4.552113	6	5.5	0.230904	6	8	0.000115452	49	36	0.002161	78	66	0.002688385	309	264	0.010737
18.99972	96	2.362709	2.32E+00	5.56E+02		29	1.00326711		110.5	3.822794		5.5	0.190275		8	0.000278763		36	0.001245		66	0.002283298		264	0.009133
19.06639	100	2.42834	2.40E+00	5.75E+02		29	1.03711266		110.5	3.951757		5.5	0.196694		8	0.0002861		36	0.001287		66	0.002360325		264	0.009441
19.13305	104	2.477153	2.45E+00	5.89E+02	20	28	1.06188621	104	111	4.046153	5	6	0.201392	10	7.5	0.000292934	23	37	0.001318	54	50	0.002416707	219	258	0.009687
19.19972	108	2.514673	2.50E+00	5.99E+02		28	1.04331342		111	4.135992		6	0.223567		7.5	0.000279459		37	0.001379		50	0.00186306		258	0.009613
19.26639	112	2.544394	2.53E+00	6.07E+02		28	1.05736708		111	4.191705		6	0.226579		7.5	0.000283223		37	0.001397		50	0.001888156		258	0.009743
19.33306	116	2.567964	2.56E+00	6.13E+02		28	1.06850514		111	4.23586		6	0.228965		7.5	0.000286207		37	0.001412		50	0.001906045		258	0.009846
19.39972	120	2.586765	2.58E+00	6.19E+02	36	35	1.07736086	118	142.5	4.270966	7	8	0.230863	5	5	0.000288579	51	53	0.001424	46	51.5	0.001923859	297	258	0.009927
19.46639	124	2.6018	2.59E+00	6.23E+02		35	1.35554092		142.5	5.518988		8	0.309838		5	0.000193649		53	0.002053		51.5	0.001994582		258	0.009992
19.53306	128	2.614105	2.61E+00	6.26E+02		35	1.36268364		142.5	5.548069		8	0.311471		5	0.000194669		53	0.002063		51.5	0.002005092		258	0.010045
19.59972	132	2.684637	2.65E+00	6.36E+02		35	1.38432526		142.5	5.636181		8	0.316417		5	0.000197761		53	0.002096		51.5	0.002036936		258	0.010204
19.66639	136	2.876621	2.78E+00	6.67E+02	34	29.5	1.45290899	167	126.5	5.915415	9	8	0.332093	5	4	0.000207558	55	56.5	0.0022	57	60.5	0.002137852	219	235.5	0.01071
19.73306	140	3.129246	3.00E+00	7.21E+02		29.5	1.32249808		126.5	5.671051		8	0.358644		4	0.000179322		56.5	0.002533		60.5	0.002712242		235.5	0.010556
19.79972	144	3.404573	3.27E+00	7.84E+02		29.5	1.43875366		126.5	6.169571		8	0.39017		4	0.000195085		56.5	0.002756		60.5	0.002950664		235.5	0.011486
19.86639	148	3.668754	3.54E+00	8.49E+02		29.5	1.55755387		126.5	6.679002		8	0.422387		4	0.000211194		56.5	0.002983		60.5	0.003194305		235.5	0.012434
19.93306	152	3.898153	3.78E+00	9.08E+02	25	27.5	1.66624069	86	107.5	7.145066	7	8	0.451862	3	3	0.000225931	58	59.5	0.003191	64	64.5	0.003417205	252	277	0.013302
19.99972	156	4.076622	3.99E+00	9.57E+02		27.5	1.63699916		107.5	6.399179		8	0.476218		3	0.000178582		59.5	0.003542		64.5	0.003839507		277	0.016489
20.06639	160	4.204014	4.14E+00	9.94E+02		27.5	1.69978391		107.5	6.64461		8	0.494483		3	0.000185431		59.5	0.003678		64.5	0.003986766		277	0.017121
20.13305	164	4.289826	4.25E+00	1.02E+03		27.5	1.74354875		107.5	6.815691		8	0.507214		3	0.000190205		59.5	0.003772		64.5	0.004089414		277	0.017562
20.19972	168	4.346793	4.32E+00	1.04E+03	30	40.5	1.7728573	129	118	6.93026	9	9.5	0.51574	3	4	0.000193403	61	54	0.003836	65	64	0.004158156	302	269	0.017858
20.26639	172	4.385345	4.37E+00	1.05E+03		40.5	2.63981163		118	7.691303		9.5	0.619215		4	0.000260722		54	0.00352		64	0.004171554		269	0.017534
20.33306	176	4.412846	4.40E+00	1.06E+03		40.5	2.65978011		118	7.749483		9.5	0.623899		4	0.000262694		54	0.003546		64	0.004203109		269	0.017666
20.39972	180	4.433746	4.42E+00	1.06E+03	51	47	2.67441221	107	114	7.792115	10	9	0.627331	5	7	0.000264139	47	48	0.003566	63	102.5	0.004226232	236	271	0.017763
20.46639	184	4.449277	4.44E+00	1.07E+03		47	3.1164199		114	7.558976		9	0.596761		7	0.000464148		48	0.003183		102.5	0.006796448		271	0.017969
20.53306	188	4.468418	4.46E+00	1.07E+03		47	3.12858384		114	7.58848		9	0.599091		7	0.000465959		48	0.003195		102.5	0.006822975		271	0.018039
20.59972	192	4.458188	4.46E+00	1.07E+03		47	3.13171007		114	7.596063		9	0.599689		7	0.000466425		48	0.003198		102.5	0.006829793		271	0.018057
20.66639	196	4.385694	4.42E+00	1.06E+03		47	3.10268811		114	7.525669		9	0.594132	9	7	0.000462102	49	42	0.003169	142	140.5	0.006766501	306	294	0.01789
20.73306	200	4.294347	4.34E+00	1.04E+03		47	3.04520798		114	7.386249		9	0.583125		7	0.000453542		42	0.002721		140.5	0.009103228		294	0.019049
20.79972	204	4.212443	4.25E+00	1.02E+03		47	2.98442655		114	7.238822		9	0.571486		7	0.000444489		42	0.002667		140.5	0.00892153		294	0.018669
20.86639	208	4.153834	4.18E+00	1.00E+03		47	2.93513055		114	7.119253		9	0.562046		7	0.000437147		42	0.002623		140.5	0.008774167		294	0.01836
20.93306	212	4.122236	4.14E+00	9.93E+02		47	2.90348334		114	7.042491		9	0.555986		7	0.000432434		42	0.002595		140.5	0.008679562		294	0.018162
20.99972	216	4.117315	4.12E+00	9.89E+02		47	2.89067142		114	7.011416		9	0.553533		7	0.000430526		42	0.002583		140.5	0.008641262		294	0.018082
21.06639	220	4.132791	4.13E+00	9.90E+02		47	2.89437442		114	7.020398		9	0.554242		7	0.000431077		42	0.002586		140.5	0.008652332		294	0.018105
21.13305	224	4.163894	4.15E+00	9.96E+02		47	2.91071567		114	7.060034		9	0.557371	5	4	0.000433511	35	37.5	0.002601	139	120.5	0.008701182	282	252.5	0.018207
21.19972	228	4.203308	4.18E+00	1.00E+03		47	2.93545506		114	7.12004		9	0.562108		4	0.000249826		37.5	0.002342		120.5	0.007526007		252.5	0.01577
21.26639	232	4.246495	4.22E+00	1.01E+03		47	2.96443387		114	7.190329		9	0.567658		4	0.000252292		37.5	0.002365		120.5	0.007600304		252.5	0.015926
21.33306	236	4.290943	4.27E+00	1.02E+03		47	2.99517875		114	7.264902		9	0.573545		4	0.000254909		37.5	0.00239		120.5	0.007679128		252.5	0.016091
21.39972	240	4.334732	4.31E+00	1.04E+03	43	48	3.02613482	121	91	7.339987	8	9	0.579473	3	4	0.000257543	40	37.5	0.002414	102	120.5	0.007758495	223	252.5	0.016257
21.46639	244	4.377563	4.36E+00	1.05E+03		48	3.12155603		91	5.91795		9	0.585292		4	0.00026013		37.5	0.002439		120.5	0.007836406		252.5	0.016421

Conduit CSO 1029

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
5.65E+04	7.60	149.79	372.23	30.31	0.02	0.15	0.34	0.91

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean. Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
21.53306	248	4.418254	4.40E+00	1.06E+03		48	3.15148139			91 5.974683			9 0.590903			4 0.000262623		37.5	0.002462		120.5	0.007911531		252.5	0.016578
21.59972	252	4.456489	4.44E+00	1.06E+03		48	3.17976004			91 6.028295			9 0.596205			4 0.00026498		37.5	0.002484		120.5	0.007982523		252.5	0.016727
21.66639	256	4.492475	4.47E+00	1.07E+03		48	3.20635292			91 6.078711			9 0.601191	5	5	0.000267196	35	35	0.002505	139	139	0.008049282	282	282	0.016867
21.73306	260	4.52596	4.51E+00	1.08E+03		48	3.23125107			91 6.125913			9 0.60586		5	0.000336589		35	0.002356		139	0.009357165		282	0.018984
21.79972	264	4.557061	4.54E+00	1.09E+03		48	3.2543918			91 6.169784			9 0.610198		5	0.000338999		35	0.002373		139	0.009424176		282	0.01912
21.86639	268	4.585735	4.57E+00	1.10E+03		48	3.27580161			91 6.210374			9 0.614213		5	0.000341229		35	0.002389		139	0.009486175		282	0.019245
21.93306	272	4.611486	4.60E+00	1.10E+03		48	3.29530171			91 6.247343			9 0.617869	5	5	0.000343261	35	35	0.002403	139	139	0.009542645	282	282	0.01936
21.99972	276	4.635422	4.62E+00	1.11E+03		48	3.31310423			91 6.281093			9 0.621207		5	0.000345115		35	0.002416		139	0.009594196		282	0.019464
22.06639	280	4.627216	4.63E+00	1.11E+03		48	3.31874018			91 6.291778			9 0.622264		5	0.000345702		35	0.00242		139	0.009610518		282	0.019498
22.13305	284	4.292593	4.46E+00	1.07E+03		48	3.19590688			91 6.058907			9 0.599233	5	4	0.000332907	35	33.5	0.00233	139	96	0.009254814	282	215	0.018776
22.19972	288	3.763685	4.03E+00	9.67E+02		48	2.8865096			91 5.472341			9 0.541221		4	0.000240542		33.5	0.002015		96	0.005773019		215	0.012929
22.26639	292	3.205308	3.48E+00	8.36E+02		48	2.49694278			91 4.733787			9 0.468177		4	0.000208079		33.5	0.001743		96	0.004993886		215	0.011184
22.33306	296	2.672314	2.94E+00	7.05E+02		48	2.10591198			91 3.992458			9 0.394858		4	0.000175493		33.5	0.00147		96	0.004211824		215	0.009433
22.39972	300	2.243293	2.46E+00	5.90E+02	53	53	1.76122855	61		61 3.338996	10	10	0.33023	3	4	0.000146769	32	29.5	0.001229	53	65	0.003522457	148	171	0.007889
22.46639	304	1.933331	2.09E+00	5.01E+02		53	1.65233679			61 1.901746			10 0.311762		4	0.000124705		29.5	0.00092		65	0.002026451		171	0.005331
22.53306	308	1.700396	1.82E+00	4.38E+02		53	1.43755917			61 1.654549			10 0.271238		4	0.000108495		29.5	0.0008		65	0.001763044		171	0.004638
22.59972	312	1.435063	1.57E+00	3.76E+02		53	1.24043667			61 1.427672			10 0.234045		4	9.36179E-05		29.5	0.00069		65	0.00152129		171	0.004002
22.66639	316	1.180731	1.31E+00	3.14E+02		53	1.0348484			61 1.191052			10 0.195254	5	5	7.81018E-05	27	27	0.000576	77	77	0.001269154	194	194	0.003339
22.73306	320	1.003322	1.09E+00	2.62E+02		53	0.86404501			61 0.994467			10 0.163027		5	6.15137E-05		27	0.00044		77	0.001255311		194	0.003163
22.79972	324	0.8771898	9.40E-01	2.26E+02		53	0.74395944			61 0.856255			10 0.14037		5	7.01849E-05		27	0.000379		77	0.001080847		194	0.002723
22.86639	328	1.176206	1.03E+00	2.46E+02		53	0.81235501			61 0.934975			10 0.153275		5	7.66373E-05		27	0.000414		77	0.001180214		194	0.002974
22.93306	332	1.142165	1.16E+00	2.78E+02		53	0.91718328			61 1.055626			10 0.173053		5	8.65267E-05		27	0.000467		77	0.001332512		194	0.003357
22.99972	336	1.117705	1.13E+00	2.71E+02		53	0.89403938			61 1.028989			10 0.168887		5	8.43433E-05		27	0.000455		77	0.001298887		194	0.003273
23.06639	340	1.096003	1.11E+00	2.66E+02		53	0.87577699			61 1.00797			10 0.165241		5	8.26205E-05		27	0.000446		77	0.001272355		194	0.003206
23.13305	344	1.046043	1.07E+00	2.57E+02		53	0.8474264			61 0.97534			10 0.159892	5	5	7.99459E-05	27	27	0.000432	77	77	0.001231167	194	194	0.003102
23.19972	348	0.9764773	1.01E+00	2.43E+02		53	0.80014019			61 0.920916			10 0.15097		5	7.54849E-05		27	0.000408		77	0.001162468		194	0.002929
23.26639	352	0.8996002	9.38E-01	2.25E+02		53	0.74220516			61 0.854236			10 0.140039		5	7.00194E-05		27	0.000378		77	0.001078298		194	0.002717
23.33306	356	0.8225036	8.61E-01	2.07E+02		53	0.68129079			61 0.784127			10 0.128545		5	6.42727E-05		27	0.000347		77	0.0009898		194	0.002494
23.39972	360	0.7489882	7.86E-01	1.89E+02		53	0.62170636			61 0.715549			10 0.117303		5	5.86515E-05		27	0.000317		77	0.000903234		194	0.002276
23.46639	364	0.6715747	7.10E-01	1.70E+02		53	0.56199657			61 0.646826			10 0.106037		5	5.30185E-05		27	0.000286		77	0.000816486		194	0.002057
23.53306	368	0.6044677	6.38E-01	1.53E+02		53	0.50482203			61 0.581022			10 0.095249		5	4.76247E-05		27	0.000257		77	0.000733421		194	0.001848
23.59972	372	0.5487219	5.77E-01	1.38E+02		53	0.45621957			61 0.525083			10 0.086079		5	4.30396E-05		27	0.000232		77	0.00066281		194	0.00167
23.66639	376	0.5031813	5.26E-01	1.26E+02		53	0.41614911			61 0.478964			10 0.078519		5	3.92594E-05		27	0.000212		77	0.000604594		194	0.001523
23.73306	380	0.4663155	4.85E-01	1.16E+02		53	0.38354787			61 0.441442			10 0.072368		5	3.61838E-05		27	0.000195		77	0.00055723		194	0.001404
23.79972	384	0.4365747	4.51E-01	1.08E+02		53	0.35719727			61 0.411114			10 0.067396		5	3.36979E-05		27	0.000182		77	0.000518947		194	0.001307
23.86639	388	0.4125019	4.25E-01	1.02E+02		53	0.33590778			61 0.386611			10 0.063379		5	3.16894E-05		27	0.000171		77	0.000488017		194	0.00123
23.93306	392	0.3929862	4.03E-01	9.67E+01		53	0.3186635			61 0.366764			10 0.060125		5	3.00626E-05		27	0.000162		77	0.000462984		194	0.001166
23.99972	396	0.3773884	3.85E-01	9.24E+01		53	0.30477206			61 0.350775			10 0.057504		5	2.87521E-05		27	0.000155		77	0.000442782		194	0.001116
24.06639	400	0.3632135	3.70E-01	8.89E+01		53	0.29299352			61 0.337219			10 0.055282		5	2.76409E-05		27	0.000149		77	0.00042567		194	0.001072
24.13305	404	0.336044	3.50E-01	8.39E+01		53	0.27663704			61 0.318394			10 0.052196		5	2.60978E-05		27	0.000141		77	0.000401907		194	0.001013
24.19972	408	0.2984708	3.17E-01	7.61E+01		53	0.25102383			61 0.288914			10 0.047363		5	2.36815E-05		27	0.000128		77	0.000364695		194	0.000919
24.26639	412	0.2520486	2.75E-01	6.61E+01		53	0.21779396			61 0.250669			10 0.041093		5	2.05466E-05		27	0.000111		77	0.000316418		194	0.000797
24.33306	416	0.2100184	2.31E-01	5.54E+01		53	0.18280082			61 0.210393			10 0.034491		5	1.72454E-05		27	9.31E-05		77	0.000265579		194	0.000669
24.39972	420	0.1725102	1.91E-01	4.59E+01		53	0.15133421			61 0.174177			10 0.028554		5	1.42768E-05		27	7.71E-05		77	0.000219863		194	0.000554
24.46639	424	0.1391419	1.56E-01	3.74E+01		53	0.12329437			61 0.141905			10 0.023263		5	1.16315E-05		27	6.28E-05		77	0.000179126		194	0.000451
24.53306	428	0.1096893	1.24E-01	2.99E+01		53	0.09844146			61 0.113301			10 0.018574		5	9.28693E-06		27	5.01E-05		77	0.000143019		194	0.00036
24.59972	432	8.38E-02	9.68E-02	2.32E+01		53	0.07655765			61 0.088114			10 0.014445		5	7.22242E-06		27	3.9E-05		77	0.000111225		194	0.00028
24.66639	436	6.24E-02	7.31E-02	1.76E+01		53	0.0578632			61 0.066597			10 0.010918		5	5.45879E-06		27	2.95E-05		77	8.40654E-05		194	0.000212
24.73306	440	4.51E-02	5.37E-02	1.29E+01		53	0.04252755			61 0.048947			10 0.008024		5	4.01203E-06		27	2.17E-05		77	6.17853E-05		194	0.000156
24.79972	444	3.09E-02	3.80E-02	9.11E+00		53	0.03004645			61 0.034582			10 0.005669		5	2.83457E-06		27	1.53E-05		77	4.36524E-05		194	0.00011
24.86639	448	1.97E-02	2.53E-02	6.07E+00		53	0.02001015			61 0.023031			10 0.003775		5	1.88775E-06		27	1.02E-05		77	2.90713E-05		194	7.32E-05
24.93306	452	1.10E-02	1.54E-02	3.68E+00		53	0.01214692			61 0.01398			10 0.002292		5	1.14594E-06		27	6.19E-06		77	1.76474E-05		194	4.45E-05
24.99972	456	4.59E-03	7.80E-03	1.87E+00		53	0.00617041			61 0.007102			10 0.001164		5	5.82115E-07		27	3.14E-06		77	8.96458E-06		194	2.26E-05
	460		2.29E-03	5.50E-01		53	0.00181442			61 0.002088			10 0.000342		5	1.71171E-07		27	9.24E-07		77	2.63604E-06		194	6.64E-06
	464		0.00E+00	0.00E+00		53	0			61 0			10 0		5	0		27	0		77	0		194	0
	468		0.00E+00	0.00E+00		53	0			61 0			10 0		5	0		27	0		77	0		194	0

Conduit CSO 1031

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
4.44E+04	7.53	121.06	292.83	24.36	0.01	0.12	0.27	0.71

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
17.13305	0	4.82E-03			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
17.19972	4	1.97E-02	1.23E-02	2.94E+00		80	0.01463832		761.5	0.139339		36.5	0.006679		7.5	1.37234E-06		172.5	3.16E-05		283.5	5.18748E-05		639	0.000117
17.26639	8	4.79E-02	3.38E-02	8.11E+00		80	0.0403581		761.5	0.384159		36.5	0.018413		7.5	3.78357E-06		172.5	8.7E-05		283.5	0.000143019		639	0.000322
17.33306	12	8.72E-02	6.75E-02	1.62E+01		80	0.08065428		761.5	0.767728		36.5	0.036799		7.5	7.56134E-06		172.5	0.000174		283.5	0.000285819		639	0.000644
17.39972	16	0.1297934	1.08E-01	2.60E+01	69	58	0.12956161	451	358.5	1.233265	24	17.5	0.059112	4	5.5	1.21464E-05	130	107	0.000279	198	147.5	0.000459134	446	410.5	0.001035
17.46639	20	0.1763227	1.53E-01	3.67E+01		58	0.13252917		358.5	0.819167		17.5	0.039987		5.5	1.25674E-05		107	0.000244		147.5	0.000337035		410.5	0.000938
17.53306	24	0.2264886	2.01E-01	4.83E+01		58	0.17439216		358.5	1.077924		17.5	0.052618		5.5	1.65372E-05		107	0.000322		147.5	0.000443497		410.5	0.001234
17.59972	28	0.2687263	2.48E-01	5.94E+01	47	42	0.21439716	266	238.5	1.325196	11	9.5	0.064689	7	5.5	2.03308E-05	84	69.5	0.000396	97	90.5	0.000545234	375	307	0.001517
17.66639	32	0.3027962	2.86E-01	6.86E+01		42	0.17917605		238.5	1.017464		9.5	0.040528		5.5	2.34635E-05		69.5	0.000296		90.5	0.000386082		307	0.00131
17.73306	36	0.3233254	3.13E-01	7.51E+01		42	0.19629322		238.5	1.114665		9.5	0.0444		5.5	2.57051E-05		69.5	0.000325		90.5	0.000422965		307	0.001435
17.79972	40	0.3362426	3.30E-01	7.91E+01		42	0.20677889		238.5	1.174209		9.5	0.046771		5.5	2.70782E-05		69.5	0.000342		90.5	0.000445559		307	0.001511
17.86639	44	0.3461132	3.41E-01	8.19E+01	37	32	0.21392301	211	192.5	1.214777	8	7	0.048387	4	3.5	2.80137E-05	55	57	0.000354	84	101.5	0.000460953	239	258.5	0.001584
17.93306	48	0.353416	3.50E-01	8.39E+01		32	0.16709104		192.5	1.005157		7	0.036551		3.5	1.82756E-05		57	0.000298		101.5	0.000529992		258.5	0.00135
17.99972	52	0.358627	3.56E-01	8.54E+01		32	0.17008011		192.5	1.023138		7	0.037205		3.5	1.86025E-05		57	0.000303		101.5	0.000539473		258.5	0.001374
18.06639	56	0.3625324	3.61E-01	8.65E+01		32	0.17225767		192.5	1.036238		7	0.037681		3.5	1.88407E-05		57	0.000307		101.5	0.00054638		258.5	0.001392
18.13305	60	0.3825889	3.73E-01	8.94E+01	27	32	0.17798126	174	166.5	1.070669	6	7	0.038933	3	2	1.94667E-05	59	70.5	0.000317	119	102	0.000564534	278	310	0.001438
18.19972	64	0.4515006	4.17E-01	1.00E+02		32	0.1992324		166.5	1.036631		7	0.043582		2	1.2452E-05		70.5	0.000439		102	0.000835053		310	0.00193
18.26639	68	0.5620459	5.07E-01	1.22E+02		32	0.24209788		166.5	1.259666		7	0.052959		2	1.51311E-05		70.5	0.000533		102	0.000771687		310	0.002345
18.33306	72	0.7075657	6.35E-01	1.52E+02		32	0.30326213		166.5	1.577911		7	0.066339		2	1.89539E-05		70.5	0.000668		102	0.000966648		310	0.002936
18.39972	76	0.868379	7.88E-01	1.89E+02	37	37.5	0.37643351	159	138	1.958631	8	7	0.082345	1	3.5	2.35271E-05	82	65.5	0.000829	85	81.5	0.001199882	342	325.5	0.003847
18.46639	80	1.028924	9.49E-01	2.28E+02		37.5	0.53108653		138	1.954398		7	0.099136		3.5	4.95681E-05		65.5	0.000928		81.5	0.001154228		325.5	0.00461
18.53306	84	1.162628	1.10E+00	2.63E+02		37.5	0.6134517		138	2.257502		7	0.114511		3.5	5.72555E-05		65.5	0.001071		81.5	0.001333235		325.5	0.005325
18.59972	88	1.260333	1.21E+00	2.91E+02		37.5	0.67822691		138	2.495875		7	0.126602		3.5	6.33012E-05		65.5	0.001185		81.5	0.001474013		325.5	0.005887
18.66639	92	1.319585	1.29E+00	3.10E+02	38	29	0.72215617	117	110.5	2.657535	6	5.5	0.134802	6	8	6.74012E-05	49	36	0.001261	78	66	0.001569486	309	264	0.006268
18.73306	96	1.366027	1.34E+00	3.22E+02		29	0.58134689		110.5	2.215132		5.5	0.110255		8	0.000160372		36	0.000722		66	0.001323065		264	0.005292
18.79972	100	1.406711	1.39E+00	3.33E+02		29	0.60021129		110.5	2.287012		5.5	0.113833		8	0.000165576		36	0.000745		66	0.001365998		264	0.005464
18.86639	104	1.448095	1.43E+00	3.43E+02	20	28	0.61797645	104	111	2.354703	5	6	0.117202	10	7.5	0.000170476	23	37	0.000767	54	50	0.001406429	219	258	0.005626
18.93306	108	1.494452	1.47E+00	3.53E+02		28	0.61500517		111	2.438056		6	0.131787		7.5	0.000164734		37	0.000813		50	0.001098224		258	0.005667
18.99972	112	1.546266	1.52E+00	3.65E+02		28	0.63552333		111	2.519396		6	0.136184		7.5	0.000170229		37	0.00084		50	0.001134863		258	0.005856
19.06639	116	1.600008	1.57E+00	3.78E+02		28	0.657585		111	2.606855		6	0.140911		7.5	0.000176139		37	0.000869		50	0.001174259		258	0.006059
19.13305	120	1.651004	1.63E+00	3.90E+02	36	35	0.6794757	118	142.5	2.693636	7	8	0.145602	5	5	0.000182002	51	53	0.000898	46	51.5	0.001213349	297	258	0.006261
19.19972	124	1.699662	1.68E+00	4.02E+02		35	0.87537977		142.5	3.564046		8	0.200087		5	0.000125054		53	0.001326		51.5	0.001288059		258	0.006453
19.26639	128	1.751051	1.73E+00	4.14E+02		35	0.9015176		142.5	3.670465		8	0.206061		5	0.000128788		53	0.001365		51.5	0.001326519		258	0.006645
19.33306	132	1.8115	1.78E+00	4.28E+02		35	0.93073589		142.5	3.789425		8	0.21274		5	0.000132962		53	0.001409		51.5	0.001369511		258	0.006861
19.39972	136	1.878158	1.84E+00	4.43E+02	34	29.5	0.96394328	167	126.5	3.924626	9	8	0.22033	5	4	0.000137706	55	56.5	0.00146	57	60.5	0.001418374	219	235.5	0.007106
19.46639	140	1.943861	1.91E+00	4.59E+02		29.5	0.84161251		126.5	3.608949		8	0.228234		4	0.000114117		56.5	0.001612		60.5	0.001726019		235.5	0.006719
19.53306	144	2.000952	1.97E+00	4.73E+02		29.5	0.86865187		126.5	3.724897		8	0.235567		4	0.000117783		56.5	0.001664		60.5	0.001781472		235.5	0.006934
19.59972	148	2.05677	2.03E+00	4.87E+02		29.5	0.89351455		126.5	3.831512		8	0.242309		4	0.000121155		56.5	0.001711		60.5	0.001832462		235.5	0.007133
19.66639	152	2.194126	2.13E+00	5.10E+02	25	27.5	0.93605167	86	107.5	4.013916	7	8	0.253845	3	3	0.000126922	58	59.5	0.001793	64	64.5	0.001919699	252	277	0.007473
19.73306	156	2.432636	2.31E+00	5.55E+02		27.5	0.94974536		107.5	3.712641		8	0.27629		3	0.000103609		59.5	0.002055		64.5	0.002227585		277	0.009567
19.79972	160	2.724215	2.58E+00	6.19E+02		27.5	1.05855786		107.5	4.137999		8	0.307944		3	0.000115479		59.5	0.00229		64.5	0.002482799		277	0.010663
19.86639	164	2.980072	2.85E+00	6.85E+02		27.5	1.17093122		107.5	4.577277		8	0.340635		3	0.000127738		59.5	0.002533		64.5	0.002746366		277	0.011794
19.93306	168	3.168787	3.08E+00	7.40E+02	30	40.5	1.26629491	129	118	4.950062	9	9.5	0.368377	3	4	0.000138141	61	54	0.00274	65	64	0.002970037	302	269	0.012755
19.99972	172	3.351215	3.27E+00	7.85E+02		40.5	1.97710725		118	5.760461		9.5	0.463766		4	0.00019527		54	0.002636		64	0.003124318		269	0.013132
20.06639	176	3.476532	3.41E+00	8.19E+02		40.5	2.06409541		118	6.013908		9.5	0.484171		4	0.000203861		54	0.002752		64	0.00328178		269	0.01371
20.13305	180	3.57493	3.53E+00	8.46E+02	51	47	2.13172666	107	114	6.210957	10	9	0.500035	5	7	0.000210541	47	48	0.002842	63	102.5	0.003368654	236	271	0.014159
20.19972	184	3.652956	3.61E+00	8.67E+02		47	2.53575025		114	6.150543		9	0.485569		7	0.000377665		48	0.00259		102.5	0.005530094		271	0.014621
20.26639	188	3.715772	3.68E+00	8.84E+02		47	2.58516167		114	6.270392		9	0.495031		7	0.000385024		48	0.00264		102.5	0.005637853		271	0.014906
20.33306	192	3.768587	3.74E+00	8.98E+02		47	2.62572835		114	6.368788		9	0.502799		7	0.000391066		48	0.002682		102.5	0.005726322		271	0.01514
20.39972	196	3.813553	3.79E+00	9.10E+02		47	2.66003274		114	6.451994		9	0.509368	9	7	0.000396175	49	42	0.002717	142	140.5	0.005801135	306	294	0.015338
20.46639	200	3.851908	3.83E+00	9.20E+02		47	2.68926414		114	6.522896		9	0.514965		7	0.000400529		42	0.002403		140.5	0.006039183		294	0.016822
20.53306	204	3.88157	3.87E+00	9.28E+02		47	2.71312646		114	6.580775		9	0.519535		7	0.000404083		42	0.002424		140.5	0.006110516		294	0.016971
20.59972	208	3.895523	3.89E+00	9.33E+02		47	2.72842786		114	6.617889		9	0.522465		7	0.000406362		42	0.002438		140.5	0.006156258		294	0.017067
20.66639	212	3.841942	3.87E+00	9.28E+02		47	2.71452521		114	6.584168		9	0.519803		7	0.000404291		42	0.002426		140.5	0.006114698		294	0.01698
20.73306	216	3.728826	3.79E+00	9.08E+02		47	2.65604311		114	6.442317		9	0.508604		7	0.000395581		42	0.002373		140.5	0.007939874		294	0.016614
20.79972	220	3.600098	3.66E+00	8.79E+02		47	2.57119728		114	6.236521		9	0.492357		7	0.000382944		42	0.002298		140.5	0.007686239		294	0.016084
20.86639	224	3.485679	3.54E+00	8.50E+02		47	2.48589432		114	6.029616		9	0.476022	5	4	0.00037024	35	37.5	0.002221	139	120.5	0.007431237	282	252.5	0.01555
20.93306	228	3.39301	3.44E+00	8.25E+02		47	2.4132419		114	5.853395		9	0.46211		4	0.000205382		37.5	0.001925		120.5	0.006187141		252.5	0.012965
20.99972	232	3.320864	3.36E+00	8.06E+02		47	2.35542006		114	5.713147		9	0.451038		4	0.000200461		37.5	0.001879		120.5	0.006038896		252.5	0.012654
21.06639	236	3.265459	3.29E+00	7.90E+02		47	2.3106715		114	5.604607		9	0.442469		4	0.000196653		37.5	0.001844		120.5	0.005924168		252.5	0.012414

Conduit CSO 1031

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
4.44E+04	7.53	121.06	292.83	24.36	0.01	0.12	0.27	0.71

Conduit CSO

Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
21.13305	240	3.222143	3.24E+00	7.79E+02	43	48	2.27603733	121	91	5.520601	8	9	0.435837	3	4	0.000193705	40	37.5	0.001816	102	120.5	0.005835372	223	252.5	0.012228
21.19972	244	3.187937	3.21E+00	7.69E+02		48	2.29668805		91	4.354138		9	0.430629		4	0.000191391		37.5	0.001794		120.5	0.005765644		252.5	0.012082
21.26639	248	3.160399	3.17E+00	7.62E+02		48	2.2745656		91	4.312197		9	0.426481		4	0.000189547		37.5	0.001777		120.5	0.005710107		252.5	0.011965
21.33306	252	3.137945	3.15E+00	7.56E+02		48	2.25665381		91	4.27824		9	0.423123		4	0.000188054		37.5	0.001763		120.5	0.005665141		252.5	0.011871
21.39972	256	3.119948	3.13E+00	7.51E+02		48	2.24216049		91	4.250763		9	0.420405	5	5	0.000186847	35	35	0.001752	139	139	0.005628757	282	282	0.011795
21.46639	260	3.105815	3.11E+00	7.47E+02		48	2.23064853		91	4.228938		9	0.418247		5	0.000232359		35	0.001627		139	0.006459586		282	0.013105
21.53306	264	3.095222	3.10E+00	7.44E+02		48	2.22178937		91	4.212142		9	0.416588		5	0.000231436		35	0.00162		139	0.006433932		282	0.013053
21.59972	268	3.087632	3.09E+00	7.42E+02		48	2.21527453		91	4.199791		9	0.415364		5	0.000230758		35	0.001615		139	0.006415066		282	0.013015
21.66639	272	3.082214	3.08E+00	7.40E+02		48	2.21061385		91	4.190955		9	0.41449	5	5	0.000230272	35	35	0.001612	139	139	0.006401569	282	282	0.012987
21.73306	276	3.078793	3.08E+00	7.39E+02		48	2.20744689		91	4.184951		9	0.413896		5	0.000229942		35	0.00161		139	0.006392398		282	0.012969
21.79972	280	3.076652	3.08E+00	7.39E+02		48	2.20545407		91	4.181173		9	0.413523		5	0.000229735		35	0.001608		139	0.006386627		282	0.012957
21.86639	284	3.075796	3.08E+00	7.38E+02		48	2.20438026		91	4.179138		9	0.413321	5	4	0.000229623	35	33.5	0.001607	139	96	0.006383518	282	215	0.012951
21.93306	288	3.075074	3.08E+00	7.38E+02		48	2.20381488		91	4.178066		9	0.413215		4	0.000183651		33.5	0.001538		96	0.00440763		215	0.009871
21.99972	292	3.075074	3.08E+00	7.38E+02		48	2.20355619		91	4.177575		9	0.413167		4	0.00018363		33.5	0.001538		96	0.004407112		215	0.00987
22.06639	296	3.07472	3.07E+00	7.38E+02		48	2.20342935		91	4.177335		9	0.413143		4	0.000183619		33.5	0.001538		96	0.004406859		215	0.00987
22.13305	300	2.994466	3.03E+00	7.28E+02	53	53	2.17454805	61	61	4.122581	10	10	0.407728	3	4	0.000181212	32	29.5	0.001518	53	65	0.004349096	148	171	0.00974
22.19972	304	2.752388	2.87E+00	6.90E+02		53	2.27354397		61	2.61672		10	0.428971		4	0.000171588		29.5	0.001265		65	0.002788309		171	0.007335
22.26639	308	2.37912	2.57E+00	6.16E+02		53	2.03010361		61	2.336534		10	0.383038		4	0.000153215		29.5	0.00113		65	0.00248975		171	0.00855
22.33306	312	2.032497	2.21E+00	5.29E+02		53	1.74530365		61	2.008746		10	0.329303		4	0.000131721		29.5	0.000971		65	0.002140467		171	0.005631
22.39972	316	1.768063	1.90E+00	4.56E+02		53	1.50356008		61	1.730513		10	0.283691	5	5	0.000113476	27	27	0.000837	77	77	0.001843989	194	194	0.004851
22.46639	320	1.559846	1.66E+00	3.99E+02		53	1.31657207		61	1.5153		10	0.24841		5	0.000124205		27	0.000871		77	0.001912756		194	0.004819
22.53306	324	1.395726	1.48E+00	3.55E+02		53	1.16926981		61	1.345763		10	0.220617		5	0.000110308		27	0.000596		77	0.00169875		194	0.00428
22.59972	328	1.260344	1.33E+00	3.19E+02		53	1.05078221		61	1.209391		10	0.198261		5	9.91304E-05		27	0.000535		77	0.001526608		194	0.003846
22.66639	332	1.129622	1.19E+00	2.87E+02		53	0.94550737		61	1.088225		10	0.178398		5	8.91988E-05		27	0.000482		77	0.001373662		194	0.003461
22.73306	336	1.030479	1.08E+00	2.59E+02		53	0.85456923		61	0.983561		10	0.161239		5	8.06197E-05		27	0.000435		77	0.001241544		194	0.003128
22.79972	340	0.954219	9.92E-01	2.38E+02		53	0.7851771		61	0.903694		10	0.148147		5	7.40733E-05		27	0.0004		77	0.001140729		194	0.002874
22.86639	344	0.8908213	9.23E-01	2.21E+02		53	0.72992637		61	0.840104		10	0.137722	5	5	6.8861E-05	27	27	0.000372	77	77	0.001060459	194	194	0.002672
22.93306	348	0.8372573	8.64E-01	2.07E+02		53	0.68365451		61	0.786848		10	0.128991		5	6.44957E-05		27	0.000348		77	0.000993234		194	0.002502
22.99972	352	0.7957725	8.17E-01	1.96E+02		53	0.64605175		61	0.743569		10	0.121897		5	6.09483E-05		27	0.000329		77	0.000938603		194	0.002385
23.06639	356	0.7641243	7.80E-01	1.87E+02		53	0.6171192		61	0.710269		10	0.116438		5	5.82188E-05		27	0.000314		77	0.000896569		194	0.002259
23.13305	360	0.7282009	7.46E-01	1.79E+02		53	0.59038684		61	0.679502		10	0.111394		5	5.56969E-05		27	0.000301		77	0.000857732		194	0.002161
23.19972	364	0.6698122	6.99E-01	1.68E+02		53	0.55307552		61	0.636559		10	0.104354		5	5.21769E-05		27	0.000282		77	0.000803525		194	0.002024
23.26639	368	0.5962561	6.33E-01	1.52E+02		53	0.50087612		61	0.57648		10	0.094505		5	4.72525E-05		27	0.000255		77	0.000727688		194	0.001833
23.33306	372	0.5198731	5.58E-01	1.34E+02		53	0.44155791		61	0.508208		10	0.083313		5	4.16564E-05		27	0.000225		77	0.000641509		194	0.001616
23.39972	376	0.4500477	4.85E-01	1.16E+02		53	0.38371561		61	0.441635		10	0.072399		5	3.61996E-05		27	0.000195		77	0.000557474		194	0.001405
23.46639	380	0.3905478	4.20E-01	1.01E+02		53	0.33255253		61	0.382749		10	0.062746		5	3.13729E-05		27	0.000169		77	0.000483142		194	0.001217
23.53306	384	0.3422211	3.66E-01	8.79E+01		53	0.28989466		61	0.333652		10	0.054697		5	2.73486E-05		27	0.000148		77	0.000421168		194	0.001061
23.59972	388	0.3000039	3.21E-01	7.71E+01		53	0.2540741		61	0.292425		10	0.047939		5	2.39693E-05		27	0.000129		77	0.000369127		194	0.00093
23.66639	392	0.2543798	2.77E-01	6.65E+01		53	0.21932273		61	0.252428		10	0.041382		5	2.06908E-05		27	0.000112		77	0.000318639		194	0.000803
23.73306	396	0.2217038	2.38E-01	5.71E+01		53	0.18834601		61	0.216776		10	0.035537		5	1.77685E-05		27	9.59E-05		77	0.000273635		194	0.000689
23.79972	400	0.1967304	2.09E-01	5.02E+01		53	0.16553902		61	0.190526		10	0.031234		5	1.56169E-05		27	8.43E-05		77	0.0002405		194	0.000606
23.86639	404	0.1766085	1.87E-01	4.48E+01		53	0.14769862		61	0.169993		10	0.027868		5	1.39338E-05		27	7.52E-05		77	0.000214581		194	0.000541
23.93306	408	0.1598799	1.68E-01	4.04E+01		53	0.13311999		61	0.153214		10	0.025117		5	1.25585E-05		27	6.78E-05		77	0.000193401		194	0.000487
23.99972	412	0.1479397	1.54E-01	3.69E+01		53	0.12177818		61	0.14016		10	0.022977		5	1.14885E-05		27	6.2E-05		77	0.000178923		194	0.000446
24.06639	416	0.1397647	1.44E-01	3.45E+01		53	0.11382029		61	0.131001		10	0.021476		5	1.07378E-05		27	5.8E-05		77	0.000165362		194	0.000417
24.13305	420	0.1300122	1.35E-01	3.24E+01		53	0.1067279		61	0.122838		10	0.020137		5	1.00687E-05		27	5.44E-05		77	0.000155058		194	0.000391
24.19972	424	0.1124651	1.21E-01	2.91E+01		53	0.09592776		61	0.110407		10	0.0181		5	9.04979E-06		27	4.89E-05		77	0.000139367		194	0.000351
24.26639	428	8.92E-02	1.01E-01	2.42E+01		53	0.07976844		61	0.091809		10	0.015051		5	7.52532E-06		27	4.06E-05		77	0.00011589		194	0.000292
24.33306	432	6.60E-02	7.76E-02	1.86E+01		53	0.0614011		61	0.070669		10	0.011585		5	5.79256E-06		27	3.13E-05		77	8.92054E-05		194	0.000225
24.39972	436	4.61E-02	5.61E-02	1.35E+01		53	0.04435568		61	0.051051		10	0.008369		5	4.1845E-06		27	2.26E-05		77	6.44413E-05		194	0.000162
24.46639	440	2.98E-02	3.79E-02	9.11E+00		53	0.03002058		61	0.034552		10	0.005664		5	2.83213E-06		27	1.53E-05		77	4.36148E-05		194	0.00011
24.53306	444	1.73E-02	2.35E-02	5.65E+00		53	0.01863245		61	0.021445		10	0.003516		5	1.75778E-06		27	9.49E-06		77	2.70696E-05		194	6.82E-05
24.59972	448	8.26E-03	1.28E-02	3.07E+00		53	0.01010983		61	0.011636		10	0.001908		5	9.53758E-07		27	5.15E-06		77	1.46879E-05		194	3.7E-05
24.66639	452	2.33E-03	5.30E-03	1.27E+00		53	0.00419156		61	0.004824		10	0.000791		5	3.9543E-07		27	2.14E-06		77	7.96962E-06		194	1.53E-05
	456		1.17E-03	2.80E-01		53	0.0009237		61	0.001063		10	0.000174		5	8.71419E-08		27	4.71E-07		77	1.34199E-06		194	3.38E-06
	460		0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0

Conduit CSO 1033

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.47E+04	6.67	58.21	189.36	12.41	0.01	0.08	0.13	0.42

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
18.66639	0	5.85E-04			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
18.73306	4	2.99E-03	1.79E-03	4.29E-01		80	0.0021347		761.5	0.02032		36.5	0.000974		7.5	2.00129E-07		172.5	4.60297E-06		283.5	7.56488E-06		639	1.7051E-05
18.79972	8	8.49E-03	5.74E-03	1.38E+00		80	0.0068549		761.5	0.06525		36.5	0.003128		7.5	6.42649E-07		172.5	1.47809E-05		283.5	2.42921E-05		639	5.47537E-05
18.86639	12	2.15E-02	1.50E-02	3.60E+00		80	0.0179209		761.5	0.170585		36.5	0.008176		7.5	1.68009E-06		172.5	3.8642E-05		283.5	6.35073E-05		639	0.000143143
18.93306	16	4.92E-02	3.54E-02	8.49E+00	69	58	0.0422272	451	358.5	0.401951	24	17.5	0.019266	4	5.5	3.9588E-06	130	107	9.10525E-05	198	147.5	0.000149643	446	410.5	0.00033729
18.99972	20	9.28E-02	7.10E-02	1.70E+01		58	0.0614619		358.5	0.379898		17.5	0.018545		5.5	5.82828E-06		107	0.000113387		147.5	0.000156304		410.5	0.000435002
19.06639	24	0.1470841	1.20E-01	2.88E+01		58	0.1038425		358.5	0.641854		17.5	0.031332		5.5	9.84714E-06		107	0.000191572		147.5	0.000284082		410.5	0.000734954
19.13305	28	0.2108932	1.79E-01	4.30E+01	47	42	0.1549818	266	238.5	0.957948	11	9.5	0.046762	7	5.5	1.46966E-05	84	69.5	0.000285915	97	90.5	0.000394135	375	307	0.001096897
19.19972	32	0.2861401	2.49E-01	5.96E+01		42	0.1558232		238.5	0.884853		9.5	0.035246		5.5	2.04054E-05		69.5	0.0002578		90.5	0.000335782		307	0.001136993
19.26639	36	0.3671215	3.27E-01	7.84E+01		42	0.2048018		238.5	1.162982		9.5	0.046324		5.5	2.68193E-05		69.5	0.000338898		90.5	0.000441299		307	0.001497004
19.33306	40	0.4570183	4.12E-01	9.89E+01		42	0.2583732		238.5	1.467191		9.5	0.058442		5.5	3.38346E-05		69.5	0.000427546		90.5	0.000556733		307	0.001888585
19.39972	44	0.5482714	5.03E-01	1.21E+02	37	32	0.3151649	211	192.5	1.789686	8	7	0.071287	4	3.5	4.12716E-05	55	57	0.000521523	84	101.5	0.000879105	239	258.5	0.002303705
19.46639	48	0.629171	5.89E-01	1.41E+02		32	0.2812464		192.5	1.691873		7	0.061523		3.5	3.07613E-05		57	0.00050097		101.5	0.000892078		258.5	0.002271944
19.53306	52	0.7011976	6.65E-01	1.60E+02		32	0.3177747		192.5	1.911613		7	0.069513		3.5	3.47566E-05		57	0.000566036		101.5	0.001007942		258.5	0.002567024
19.59972	56	0.7639896	7.33E-01	1.76E+02		32	0.3499778		192.5	2.105335		7	0.076558		3.5	3.82788E-05		57	0.000623398		101.5	0.001110086		258.5	0.002827164
19.66639	60	0.8274608	7.96E-01	1.91E+02	27	32	0.3801373	174	166.5	2.286763	6	7	0.083155	3	2	4.15775E-05	59	70.5	0.00067712	119	102	0.001205748	278	310	0.003070796
19.73306	64	0.899417	8.63E-01	2.07E+02		32	0.4124857		166.5	2.146215		7	0.090231		2	2.57804E-05		70.5	0.000908758		102	0.001314798		310	0.003995955
19.79972	68	0.9864653	9.43E-01	2.26E+02		32	0.4504659		166.5	2.34383		7	0.098539		2	2.81541E-05		70.5	0.000992433		102	0.00143586		310	0.004363886
19.86639	72	1.097812	1.04E+00	2.50E+02		32	0.4978549		166.5	2.590401		7	0.108906		2	3.11159E-05		70.5	0.001096837		102	0.001586913		310	0.00482297
19.93306	76	1.233322	1.17E+00	2.80E+02	37	37.5	0.5568196	159	138	2.897202	8	7	0.121804	1	3.5	3.48012E-05	82	65.5	0.001226743	85	81.5	0.001774863	342	325.5	0.00539419
19.99972	80	1.388958	1.31E+00	3.15E+02		37.5	0.7340196		138	2.701192		7	0.137017		3.5	6.85085E-05		65.5	0.001282088		81.5	0.001595269		325.5	0.00637129
20.06639	84	1.55823	1.47E+00	3.54E+02		37.5	0.8249667		138	3.035878		7	0.153994		3.5	7.69969E-05		65.5	0.001440942		81.5	0.001792928		325.5	0.007160711
20.13305	88	1.726831	1.64E+00	3.94E+02		37.5	0.919543		138	3.383918		7	0.171648		3.5	8.5824E-05		65.5	0.001606135		81.5	0.001998473		325.5	0.007981633
20.19972	92	1.887247	1.81E+00	4.34E+02	38	29	1.0116403	117	110.5	3.722836	6	5.5	0.18884	6	8	9.44198E-05	49	36	0.001766998	78	66	0.002198632	309	264	0.008781038
20.26639	96	2.028543	1.96E+00	4.70E+02		29	0.8476464		110.5	3.229825		5.5	0.160761		8	0.000233833		36	0.001052251		66	0.001929126		264	0.007716505
20.33306	100	2.146126	2.09E+00	5.01E+02		29	0.9036856		110.5	3.443354		5.5	0.171389		8	0.000249293		36	0.001121817		66	0.002056664		264	0.008226655
20.39972	104	2.241095	2.19E+00	5.26E+02	20	28	0.9496965	104	111	3.618671	5	6	0.180115	10	7.5	0.000261985	23	37	0.001178934	54	50	0.002161378	219	258	0.008645513
20.46639	108	2.317189	2.28E+00	5.47E+02		28	0.9527013		111	3.77678		6	0.20415		7.5	0.000255188		37	0.001258927		50	0.001701252		258	0.008778462
20.53306	112	2.378073	2.35E+00	5.63E+02		28	0.9813303		111	3.890273		6	0.210285		7.5	0.000262856		37	0.001296758		50	0.001752375		258	0.009042257
20.59972	116	2.426802	2.40E+00	5.77E+02		28	1.0042398		111	3.981094		6	0.215194		7.5	0.000268993		37	0.001327031		50	0.001793285		258	0.009253353
20.66639	120	2.458388	2.44E+00	5.86E+02	36	35	1.021026	118	142.5	4.047639	7	8	0.218791	5	5	0.000273489	51	53	0.001349213	46	51.5	0.001823261	297	258	0.009408026
20.73306	124	2.471432	2.46E+00	5.92E+02		35	1.2879424		142.5	5.243765		8	0.294387		5	0.000183992		53	0.001950313		51.5	0.001895115		258	0.009493975
20.79972	128	2.468635	2.47E+00	5.93E+02		35	1.2906195		142.5	5.254665		8	0.294999		5	0.000184374		53	0.001954367		51.5	0.001899054		258	0.009513709
20.86639	132	2.45151	2.46E+00	5.90E+02		35	1.2854147		142.5	5.233474		8	0.293809		5	0.000183631		53	0.001946485		51.5	0.001891396		258	0.009475343
20.93306	136	2.421537	2.44E+00	5.85E+02	34	29.5	1.2731101	167	126.5	5.183377	9	8	0.290997	5	4	0.000181873	55	56.5	0.001927852	57	60.5	0.001873291	219	235.5	0.00938464
20.99972	140	2.382326	2.40E+00	5.76E+02		29.5	1.0578156		126.5	4.536057		8	0.286865		4	0.000143433		56.5	0.002025986		60.5	0.002169418		235.5	0.008444595
21.06639	144	2.33911	2.36E+00	5.67E+02		29.5	1.0396651		126.5	4.458225		8	0.281943		4	0.000140972		56.5	0.001991223		60.5	0.002132194		235.5	0.008299699
21.13305	148	2.296386	2.32E+00	5.56E+02		29.5	1.020741		126.5	4.377076		8	0.276811		4	0.000138406		56.5	0.001954978		60.5	0.002093384		235.5	0.008148627
21.19972	152	2.258045	2.28E+00	5.47E+02	25	27.5	1.0028904	86	107.5	4.30053	7	8	0.27197	3	3	0.000135985	58	59.5	0.00192079	64	64.5	0.002056775	252	277	0.008006125
21.26639	156	2.225514	2.24E+00	5.38E+02		27.5	0.9203498		107.5	3.597731		8	0.267738		3	0.000100402		59.5	0.001991302		64.5	0.002158839		277	0.009270432
21.33306	160	2.198712	2.21E+00	5.31E+02		27.5	0.9081704		107.5	3.55012		8	0.264195		3	9.90731E-05		59.5	0.00196495		64.5	0.002130072		277	0.009147752
21.39972	164	2.17677	2.19E+00	5.25E+02		27.5	0.8981646		107.5	3.511007		8	0.261284		3	9.79816E-05		59.5	0.001943302		64.5	0.002106604		277	0.009046967
21.46639	168	2.158628	2.17E+00	5.20E+02	30	40.5	0.8899364	129	118	3.478842	9	9.5	0.258891	3	4	9.7084E-05	61	54	0.001925499	65	64	0.002087305	302	269	0.008964087
21.53306	172	2.143444	2.15E+00	5.16E+02		40.5	1.3005589		118	3.789283		9.5	0.305069		4	0.00012845		54	0.001734079		64	0.002055204		269	0.0083828
21.59972	176	2.130408	2.14E+00	5.13E+02		40.5	1.2920277		118	3.764426		9.5	0.303068		4	0.000127608		54	0.001722704		64	0.002041723		269	0.008581616
21.66639	180	2.119213	2.12E+00	5.10E+02	51	47	1.2847024	107	114	3.743084	10	9	0.30135	5	7	0.000126884	47	48	0.001712937	63	102.5	0.002030147	236	271	0.008532962
21.73306	184	2.109458	2.11E+00	5.07E+02		47	1.4835394		114	3.598372		9	0.284082		7	0.000220953		48	0.001515104		102.5	0.003235378		271	0.008554025
21.79972	188	2.100878	2.11E+00	5.05E+02		47	1.4771069		114	3.58277		9	0.28285		7	0.000219995		48	0.001508535		102.5	0.00322135		271	0.008516936
21.86639	192	2.09344	2.10E+00	5.03E+02		47	1.4714874		114	3.56914		9	0.281774		7	0.000219158		48	0.001502796		102.5	0.003209095		271	0.008484534
21.93306	196	2.086951	2.09E+00	5.02E+02		47	1.4666014		114	3.557288		9	0.280839	9	7	0.00021843	49	42	0.001497806	142	140.5	0.003196439	306	294	0.008456361
21.99972	200	2.081509	2.08E+00	5.00E+02		47	1.4624156		114	3.547136		9	0.280037		7	0.000217807		42	0.0013064		140.5	0.004371689		294	0.009147877
22.06639	204	2.076759	2.08E+00	4.99E+02		47	1.45884		114	3.538463		9	0.279352		7	0.000217274		42	0.001303644		140.5	0.004361		294	0.00912551
22.13305	208	2.061395	2.07E+00	4.97E+02		47	1.4517834		114	3.521347		9	0.278001		7	0.000216223		42	0.001297338		140.5	0.004339906		294	0.009061369
22.19972	212	2.016346	2.04E+00	4.89E+02		47	1.4305888		114	3.469939		9	0.273943		7	0.000213066		42	0.001278399		140.5	0.004276547		294	0.00894879
22.26639	216	1.942433	1.98E+00	4.75E+02		47	1.3888535		114	3.368709		9	0.265951		7	0.000206851		42	0.001241103		140.5	0.004151785		294	0.008687722
22.33306	220	1.844792	1.89E+00	4.54E+02		47	1.3266674		114	3.222725		9	0.254426		7	0.000197887		42	0.00118732		140.5	0.003971868		294	0.008311239

Conduit CSO 1033

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.47E+04	6.67	58.21	189.36	12.41	0.01	0.06	0.13	0.42

Conduit CSO

Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
22.39972	224	1.727172	1.79E+00	4.29E+02		47	1.2531477		114	3.03955		9	0.239964	5	4	0.000186839	35	37.5	0.001119834	139	120.5	0.003748112	282	252.5	0.007838639
22.46639	228	1.594439	1.66E+00	3.99E+02		47	1.1653167		114	2.826513		9	0.223146		4	9.91759E-05		37.5	0.000929774		120.5	0.002987674		252.5	0.006260476
22.53306	232	1.451177	1.52E+00	3.65E+02		47	1.0684897		114	2.591656		9	0.204604		4	9.09353E-05		37.5	0.000852518		120.5	0.002739426		252.5	0.00574029
22.59972	236	1.306236	1.38E+00	3.31E+02		47	0.9873798		114	2.346411		9	0.185243		4	8.23302E-05		37.5	0.000771846		120.5	0.002480197		252.5	0.005197093
22.66639	240	1.171049	1.24E+00	2.97E+02	43	48	0.8691028	121	91	2.108037	8	9	0.166424	3	4	7.39662E-05	40	37.5	0.000693433	102	120.5	0.002228232	223	252.5	0.004669116
22.73306	244	1.04988	1.11E+00	2.67E+02		48	0.7957438		91	1.508598		9	0.149202		4	6.6312E-05		37.5	0.000621675		120.5	0.001997646		252.5	0.004185944
22.79972	248	0.9386469	9.94E-01	2.39E+02		48	0.7124757		91	1.350735		9	0.133589		4	5.9373E-05		37.5	0.000556622		120.5	0.001788611		252.5	0.003747919
22.86639	252	0.8402296	8.89E-01	2.13E+02		48	0.6373593		91	1.208327		9	0.119505		4	5.31133E-05		37.5	0.000497937		120.5	0.001600038		252.5	0.003352776
22.93306	256	0.7523967	7.96E-01	1.91E+02		48	0.5706272		91	1.081814		9	0.106993	5	5	4.75523E-05	35	35	0.00044582	139	139	0.001432512	282	282	0.003001737
22.99972	260	0.6736658	7.16E-01	1.72E+02		48	0.51274		91	0.97207		9	0.096139		5	5.34104E-05		35	0.000373873		139	0.001484809		282	0.003012347
23.06639	264	0.6172175	6.48E-01	1.56E+02		48	0.4643062		91	0.880247		9	0.087057		5	4.83652E-05		35	0.000338557		139	0.001344553		282	0.002727799
23.13305	268	0.5651716	5.91E-01	1.42E+02		48	0.423642		91	0.803155		9	0.079433		5	4.41294E-05		35	0.000308906		139	0.001226797		282	0.002488897
23.19972	272	0.5170879	5.41E-01	1.30E+02		48	0.3877662		91	0.73514		9	0.072706	5	5	4.03923E-05	35	35	0.000282746	139	139	0.001122906	282	282	0.002278127
23.26639	276	0.4714196	4.94E-01	1.19E+02		48	0.3541755		91	0.671458		9	0.066408		5	3.68933E-05		35	0.000258253		139	0.001025833		282	0.002080781
23.33306	280	0.4268002	4.49E-01	1.08E+02		48	0.321826		91	0.610129		9	0.060342		5	3.35235E-05		35	0.000234665		139	0.000931955		282	0.001890726
23.39972	284	0.3752761	4.01E-01	9.62E+01		48	0.2873785		91	0.544822		9	0.053883	5	4	2.99353E-05	35	33.5	0.000209547	139	96	0.0006322	282	215	0.001688349
23.46639	288	0.319597	3.47E-01	8.34E+01		48	0.2489683		91	0.472002		9	0.046682		4	2.07474E-05		33.5	0.000173759		96	0.000497937		215	0.001115171
23.53306	292	0.2683192	2.94E-01	7.05E+01		48	0.2106464		91	0.39935		9	0.039496		4	1.75539E-05		33.5	0.000147014		96	0.000421293		215	0.00094352
23.59972	296	0.2229434	2.46E-01	5.90E+01		48	0.176016		91	0.333697		9	0.033003		4	1.4668E-05		33.5	0.000122845		96	0.000352032		215	0.000788405
23.66639	300	0.1846309	2.04E-01	4.89E+01	53	53	0.1460311	61	61	0.276851	10	10	0.027381	3	4	1.21693E-05	32	29.5	0.000101918	53	65	0.000292062	148	171	0.000654096
23.73306	304	0.153487	1.69E-01	4.06E+01		53	0.1337646		61	0.153956		10	0.025239		4	1.00954E-05		29.5	7.44539E-05		65	0.000164051		171	0.00043158
23.79972	308	0.1271204	1.40E-01	3.37E+01		53	0.1110126		61	0.127769		10	0.020946		4	8.37831E-06		29.5	6.179E-05		65	0.000136148		171	0.000358173
23.86639	312	0.105211	1.16E-01	2.79E+01		53	0.0919139		61	0.105788		10	0.017342		4	6.9369E-06		29.5	5.11596E-05		65	0.000112725		171	0.000296552
23.93306	316	8.59E-02	9.55E-02	2.29E+01		53	0.0755934		61	0.087004		10	0.014263	5	5	5.70516E-06	27	27	4.20756E-05	77	77	9.27089E-05	194	194	0.000243896
23.99972	320	7.01E-02	7.80E-02	1.87E+01		53	0.0616912		61	0.071003		10	0.01164		5	5.81992E-06		27	3.14276E-05		77	8.96268E-05		194	0.000225813
24.06639	324	5.84E-02	6.42E-02	1.54E+01		53	0.0506215		61	0.058493		10	0.009589		5	4.79448E-06		27	2.58902E-05		77	7.3835E-05		194	0.000186026
24.13305	328	4.89E-02	5.36E-02	1.29E+01		53	0.0424379		61	0.048844		10	0.008007		5	4.00358E-06		27	2.16193E-05		77	6.16551E-05		194	0.000155339
24.19972	332	4.07E-02	4.48E-02	1.08E+01		53	0.0354533		61	0.040805		10	0.006689		5	3.34465E-06		27	1.80611E-05		77	5.15076E-05		194	0.000129772
24.26639	336	3.37E-02	3.72E-02	8.93E+00		53	0.0294396		61	0.033883		10	0.005555		5	2.77732E-06		27	1.49975E-05		77	4.27707E-05		194	0.00010776
24.33306	340	2.75E-02	3.06E-02	7.34E+00		53	0.0242002		61	0.027853		10	0.004566		5	2.28304E-06		27	1.23284E-05		77	3.51589E-05		194	8.8582E-05
24.39972	344	2.21E-02	2.48E-02	5.95E+00		53	0.0196191		61	0.022581		10	0.003702	5	5	1.85086E-06	27	27	9.99465E-06	77	77	2.85033E-05	194	194	7.18134E-05
24.46639	348	1.74E-02	1.98E-02	4.74E+00		53	0.0156339		61	0.017994		10	0.00295		5	1.4749E-06		27	7.96448E-06		77	2.27135E-05		194	5.72261E-05
24.53306	352	1.37E-02	1.55E-02	3.73E+00		53	0.0122923		61	0.014148		10	0.002319		5	1.15965E-06		27	6.26211E-06		77	1.78586E-05		194	4.49944E-05
24.59972	356	1.12E-02	1.24E-02	2.98E+00		53	0.0098212		61	0.011304		10	0.001853		5	9.2653E-07		27	5.00326E-06		77	1.42686E-05		194	3.59494E-05
24.66639	360	8.96E-03	1.01E-02	2.42E+00		53	0.0079633		61	0.009165		10	0.001503		5	7.51258E-07		27	4.05679E-06		77	1.15694E-05		194	2.91488E-05
24.73306	364	7.00E-03	7.98E-03	1.91E+00		53	0.0063126		61	0.007265		10	0.001191		5	5.95528E-07		27	3.21585E-06		77	9.17113E-06		194	2.31065E-05
24.79972	368	5.34E-03	6.17E-03	1.48E+00		53	0.0048819		61	0.005619		10	0.000921		5	4.6056E-07		27	2.48703E-06		77	7.09263E-06		194	1.78697E-05
24.86639	372	3.97E-03	4.65E-03	1.12E+00		53	0.0036817		61	0.004237		10	0.000695		5	3.47331E-07		27	1.87559E-06		77	5.3489E-06		194	1.34764E-05
24.93306	376	2.87E-03	3.42E-03	8.20E-01		53	0.002705		61	0.003113		10	0.00051		5	2.55184E-07		27	1.37799E-06		77	3.92983E-06		194	9.90114E-06
24.99972	380	2.01E-03	2.44E-03	5.85E-01		53	0.0019294		61	0.002221		10	0.000364		5	1.82019E-07		27	9.82904E-07		77	2.6031E-06		194	7.06235E-06
25.06639	384	1.35E-03	1.68E-03	4.03E-01		53	0.0013283		61	0.001529		10	0.000251		5	1.25311E-07		27	6.76681E-07		77	1.92979E-06		194	4.86208E-06
25.13305	388	8.59E-04	1.11E-03	2.65E-01		53	0.0008744		61	0.001008		10	0.000165		5	8.24682E-08		27	4.45436E-07		77	1.27032E-06		194	3.20054E-06
25.19972	392	4.88E-04	6.74E-04	1.62E-01		53	0.0005331		61	0.000614		10	0.000101		5	5.02942E-08		27	2.71589E-07		77	7.74531E-07		194	1.95142E-06
25.26639	396	2.12E-04	3.50E-04	8.40E-02		53	0.0002769		61	0.000319		10	5.23E-05		5	2.6126E-08		27	1.4108E-07		77	4.0234E-07		194	1.01369E-06
25.33306	400	2.36E-04	2.24E-04	5.37E-02		53	0.0001769		61	0.000204		10	3.34E-05		5	1.66932E-08		27	9.01432E-08		77	2.57075E-07		194	6.47696E-07
	404		1.18E-04	2.83E-02		53	9.321E-05		61	0.000107		10	1.76E-05		5	8.7931E-09		27	4.74826E-08		77	1.35414E-07		194	3.41172E-07

Conduit CSO 1034

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.49E+03	2.47	6.11	35.68	1.55	0.00	0.01	0.02	0.05

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
21.33306	0	1.28E-02			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
21.39972	4	4.78E-02	3.03E-02	7.27E+00		80	0.0361559		761.5	0.344159		36.5	0.016496		7.5	3.38962E-06		172.5	7.79613E-05		283.5	0.000128		639	0.000288796
21.46639	8	0.110284	7.90E-02	1.90E+01		80	0.0943975		761.5	0.898546		36.5	0.043069		7.5	8.84976E-06		172.5	0.000203545		283.5	0.000335		639	0.000754
21.53306	12	0.1975278	1.54E-01	3.69E+01		80	0.1838115		761.5	1.749655		36.5	0.083864		7.5	1.72323E-05		172.5	0.000396343		283.5	0.000851		639	0.001468194
21.59972	16	0.2723144	2.35E-01	5.64E+01	69	58	0.2805688	451	358.5	2.670664	24	17.5	0.12801	4	5.5	2.63033E-05	130	107	0.000604976	198	147.5	0.000994	446	410.5	0.002241043
21.66639	20	0.3485357	3.10E-01	7.45E+01		58	0.2687894		358.5	1.661396		17.5	0.0811		5.5	2.54886E-05		107	0.00049587		147.5	0.000684		410.5	0.00190238
21.73306	24	0.4079649	3.78E-01	9.08E+01		58	0.3275176		358.5	2.024397		17.5	0.09882		5.5	3.10577E-05		107	0.000604213		147.5	0.000833		410.5	0.002318034
21.79972	28	0.4742925	4.41E-01	1.06E+02	47	42	0.3819624	266	238.5	2.360923	11	9.5	0.115247	7	5.5	3.62206E-05	84	69.5	0.000704655	97	90.5	0.000971	375	307	0.002703372
21.86639	32	0.5287668	5.02E-01	1.20E+02		42	0.3144719		238.5	1.785751		9.5	0.071131		5.5	4.11808E-05		69.5	0.000520376		90.5	0.000678		307	0.0022964
21.93306	36	0.5862172	5.58E-01	1.34E+02		42	0.3495611		238.5	1.985007		9.5	0.079067		5.5	4.57759E-05		69.5	0.00057844		90.5	0.000753		307	0.002555125
21.99972	40	0.6416906	6.14E-01	1.47E+02		42	0.3849571		238.5	2.186007		9.5	0.087074		5.5	5.04111E-05		69.5	0.000637012		90.5	0.000829		307	0.002813853
22.06639	44	0.6925804	6.67E-01	1.60E+02	37	32	0.4183027	211	192.5	2.375362	8	7	0.094616	4	3.5	5.47777E-05	55	57	0.000692191	84	101.5	0.000901	239	258.5	0.003057594
22.13305	48	0.7127248	7.03E-01	1.69E+02		32	0.3356742		192.5	2.01929		7	0.073429		3.5	3.67144E-05		57	0.00059792		101.5	0.001065		258.5	0.002711618
22.19972	52	0.7202598	7.16E-01	1.72E+02		32	0.3422858		192.5	2.059063		7	0.074875		3.5	3.74375E-05		57	0.000609697		101.5	0.001086		258.5	0.002765027
22.26639	56	0.7003652	7.10E-01	1.70E+02		32	0.3393335		192.5	2.041303		7	0.074229		3.5	3.71146E-05		57	0.000604438		101.5	0.001078		258.5	0.002741179
22.33306	60	0.6676297	6.84E-01	1.64E+02	27	32	0.3267622	174	166.5	1.965679	6	7	0.071479	3	2	3.57396E-05	59	70.5	0.000582045	119	102	0.001036	278	310	0.002639626
22.39972	64	0.4739166	5.71E-01	1.37E+02		32	0.2726722		166.5	1.418747		7	0.059647		2	1.7042E-05		70.5	0.000600731		102	0.000869		310	0.002641512
22.46639	68	0.3156237	3.95E-01	9.47E+01		32	0.1885913		166.5	0.981264		7	0.041254		2	1.1787E-05		70.5	0.00041549		102	0.000601		310	0.001826978
22.53306	72	0.2360168	2.76E-01	6.62E+01		32	0.131766		166.5	0.685595		7	0.028824		2	8.23538E-06		70.5	0.000290297		102	0.00042		310	0.001276483
22.59972	76	0.1971692	2.17E-01	5.20E+01	37	37.5	0.1034717	159	138	0.538376	8	7	0.022634	1	3.5	6.46698E-06	82	65.5	0.000227961	85	81.5	0.00033	342	325.5	0.001002382
22.66639	80	0.1914793	1.94E-01	4.66E+01		37.5	0.1087892		138	0.400344		7	0.020307		3.5	1.01537E-05		65.5	0.000190018		81.5	0.000236		325.5	0.00094429
22.73306	84	0.195144	1.93E-01	4.64E+01		37.5	0.1082223		138	0.398258		7	0.020201		3.5	1.01007E-05		65.5	0.000189028		81.5	0.000235		325.5	0.000939369
22.79972	88	0.202236	1.99E-01	4.77E+01		37.5	0.1112332		138	0.409338		7	0.020764		3.5	1.03818E-05		65.5	0.000194287		81.5	0.000242		325.5	0.000965505
22.86639	92	0.2172257	2.10E-01	5.03E+01	38	29	0.1174143	117	110.5	0.432085	6	5.5	0.021917	6	8	1.09587E-05	49	36	0.000205084	76	66	0.000255	309	264	0.001019156
22.93306	96	0.2126136	2.15E-01	5.16E+01		29	0.0930468		110.5	0.35454		5.5	0.017647		8	2.56681E-05		36	0.000115506		66	0.000212		264	0.000847047
22.99972	100	0.1946888	2.04E-01	4.89E+01		29	0.0881683		110.5	0.335951		5.5	0.016722		8	2.43223E-05		36	0.00010945		66	0.000201		264	0.000802635
23.06639	104	0.1737347	1.84E-01	4.42E+01	20	28	0.0797522	104	111	0.303883	5	6	0.015125	10	7.5	2.20006E-05	23	37	9.90027E-05	54	50	0.000182	219	258	0.00072802
23.13305	108	0.1563533	1.65E-01	3.96E+01		28	0.0689898		111	0.273495		6	0.014784		7.5	1.84794E-05		37	9.11651E-05		50	0.000123		258	0.000635692
23.19972	112	0.129055	1.43E-01	3.42E+01		28	0.0596516		111	0.236476		6	0.012782		7.5	1.59781E-05		37	7.88253E-05		50	0.000107		258	0.000549647
23.26639	116	0.1007778	1.15E-01	2.76E+01		28	0.0480361		111	0.190429		6	0.010293		7.5	1.28668E-05		37	6.34762E-05		50	8.58E-05		258	0.000442618
23.33306	120	7.45E-02	8.76E-02	2.10E+01	36	35	0.0366362	118	142.5	0.145237	7	8	0.007851	5	5	9.81328E-06	51	53	4.84122E-05	46	51.5	6.54E-05	297	258	0.000337577
23.39972	124	6.07E-02	6.76E-02	1.62E+01		35	0.0353134		142.5	0.143776		8	0.008072		5	5.04476E-06		53	5.34745E-05		51.5	5.2E-05		258	0.00026031
23.46639	128	4.35E-02	5.21E-02	1.25E+01		35	0.0272077		142.5	0.110774		8	0.006219		5	3.88681E-06		53	4.12002E-05		51.5	4E-05		258	0.000200559
23.53306	132	3.07E-02	3.71E-02	8.90E+00		35	0.0193716		142.5	0.07887		8	0.004428		5	2.76737E-06		53	2.93341E-05		51.5	2.85E-05		258	0.000142796
23.59972	136	1.96E-02	2.51E-02	6.03E+00	34	29.5	0.0131375	167	126.5	0.053488	9	8	0.003003	5	4	1.87678E-06	55	56.5	1.98939E-05	57	60.5	1.93E-05	219	235.5	9.68419E-05
23.66639	140	1.30E-02	1.63E-02	3.91E+00		29.5	0.0071802		126.5	0.03079		8	0.001947		4	9.73589E-07		56.5	1.37519E-05		60.5	1.47E-05		235.5	5.73201E-05
23.73306	144	6.55E-03	9.77E-03	2.34E+00		29.5	0.0043023		126.5	0.018449		8	0.001167		4	5.83363E-07		56.5	8.24E-06		60.5	8.82E-06		235.5	3.43455E-05
23.79972	148	2.14E-03	4.35E-03	1.04E+00		29.5	0.001915		126.5	0.008212		8	0.000519		4	2.59661E-07		56.5	3.66772E-06		60.5	3.93E-06		235.5	1.52876E-05
23.86639	152	3.56E-03	2.85E-03	6.84E-01	25	25	0.001256	86	86	0.005386	7	7	0.000341	3	3	1.70302E-07	58	58	2.40551E-06	64	64	2.58E-06	252	252	1.00265E-05

Conduit CSO 1034

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.49E+03	2.47	6.11	35.88	1.55	0.00	0.01	0.02	0.05

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
21.33306	0	1.28E-02			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
21.39972	4	4.78E-02	3.03E-02	7.27E+00		80	0.0361559		761.5	0.344159		36.5	0.016496		7.5	3.38962E-06		172.5	7.79613E-05		283.5	0.000128		639	0.000288796
21.46639	8	0.110284	7.90E-02	1.90E+01		80	0.0943975		761.5	0.898546		36.5	0.043069		7.5	8.84976E-06		172.5	0.000203545		283.5	0.000335		639	0.000754
21.53306	12	0.1975278	1.54E-01	3.69E+01		80	0.1838115		761.5	1.749655		36.5	0.083864		7.5	1.72323E-05		172.5	0.000396343		283.5	0.000651		639	0.001468194
21.59972	16	0.2723144	2.35E-01	5.64E+01	69	58	0.2805688	451	358.5	2.670664	24	17.5	0.12801	4	5.5	2.63033E-05	130	107	0.000604976	198	147.5	0.000994	446	410.5	0.002241043
21.66639	20	0.3485357	3.10E-01	7.45E+01		58	0.2687894		358.5	1.661396		17.5	0.0811		5.5	2.54886E-05		107	0.00049587		147.5	0.000684		410.5	0.00190238
21.73306	24	0.4079649	3.78E-01	9.08E+01		58	0.3275176		358.5	2.024397		17.5	0.09882		5.5	3.10577E-05		107	0.000604213		147.5	0.000833		410.5	0.002318034
21.79972	28	0.4742925	4.41E-01	1.06E+02	47	42	0.3819624	266	238.5	2.360923	11	9.5	0.115247	7	5.5	3.62206E-05	84	69.5	0.000704655	97	90.5	0.000971	375	307	0.002703372
21.86639	32	0.5287868	5.02E-01	1.20E+02		42	0.3144719		238.5	1.785751		9.5	0.071131		5.5	4.11808E-05		69.5	0.000520376		90.5	0.000678		307	0.00229864
21.93306	36	0.5862172	5.58E-01	1.34E+02		42	0.3495611		238.5	1.985007		9.5	0.079087		5.5	4.57759E-05		69.5	0.00057844		90.5	0.000753		307	0.002555125
21.99972	40	0.6416906	6.14E-01	1.47E+02		42	0.3849571		238.5	2.186007		9.5	0.087074		5.5	5.04111E-05		69.5	0.000637012		90.5	0.000829		307	0.002813853
22.06639	44	0.6925804	6.67E-01	1.60E+02	37	32	0.4183027	211	192.5	2.375362	8	7	0.094616	4	3.5	5.47777E-05	55	57	0.000692191	84	101.5	0.000901	239	258.5	0.003057594
22.13305	48	0.7127248	7.03E-01	1.69E+02		32	0.3356742		192.5	2.01929		7	0.073429		3.5	3.67144E-05		57	0.00059792		101.5	0.001065		258.5	0.002711618
22.19972	52	0.7202598	7.16E-01	1.72E+02		32	0.3422858		192.5	2.059063		7	0.074875		3.5	3.74375E-05		57	0.000609697		101.5	0.001086		258.5	0.002765027
22.26639	56	0.7003652	7.10E-01	1.70E+02		32	0.3393335		192.5	2.041303		7	0.074229		3.5	3.71146E-05		57	0.000604438		101.5	0.001076		258.5	0.002741179
22.33306	60	0.6676297	6.84E-01	1.64E+02	27	32	0.3267622	174	166.5	1.965879	6	7	0.071479	3	2	3.57396E-05	59	70.5	0.000582045	119	102	0.001036	278	310	0.002639826
22.39972	64	0.4739166	5.71E-01	1.37E+02		32	0.2726722		166.5	1.418747		7	0.059647		2	1.7042E-05		70.5	0.000600731		102	0.000869		310	0.002641512
22.46639	68	0.3156237	3.95E-01	9.47E+01		32	0.1885913		166.5	0.981264		7	0.041254		2	1.1787E-05		70.5	0.00041549		102	0.000601		310	0.001826978
22.53306	72	0.2360168	2.76E-01	6.62E+01		32	0.131766		166.5	0.685595		7	0.028824		2	8.23538E-06		70.5	0.000290297		102	0.00042		310	0.001276483
22.59972	76	0.1971692	2.17E-01	5.20E+01	37	37.5	0.1034717	159	138	0.538376	8	7	0.022634	1	3.5	6.46698E-06	82	65.5	0.000227961	85	81.5	0.00033	342	325.5	0.001002382
22.66639	80	0.1914793	1.94E-01	4.66E+01		37.5	0.1087892		138	0.400344		7	0.020307		3.5	1.01537E-05		65.5	0.000190018		81.5	0.000236		325.5	0.00094429
22.73306	84	0.195144	1.93E-01	4.64E+01		37.5	0.1082223		138	0.398258		7	0.020201		3.5	1.01007E-05		65.5	0.000189028		81.5	0.000235		325.5	0.000939369
22.79972	88	0.202236	1.99E-01	4.77E+01		37.5	0.1112332		138	0.409338		7	0.020764		3.5	1.03818E-05		65.5	0.000194287		81.5	0.000242		325.5	0.000965505
22.86639	92	0.2172257	2.10E-01	5.03E+01	38	29	0.1174143	117	110.5	0.432085	6	5.5	0.021917	6	8	1.09587E-05	49	36	0.000205084	78	66	0.000255	309	264	0.001019156
22.93306	96	0.2126136	2.15E-01	5.16E+01		29	0.0930468		110.5	0.35454		5.5	0.017647		8	2.56681E-05		36	0.000115506		66	0.000212		264	0.000847047
22.99972	100	0.1946888	2.04E-01	4.89E+01		29	0.0881683		110.5	0.335951		5.5	0.016722		8	2.43223E-05		36	0.00010945		66	0.000201		264	0.000802635
23.06639	104	0.1737347	1.84E-01	4.42E+01	20	28	0.0797522	104	111	0.303883	5	6	0.015125	10	7.5	2.20006E-05	23	37	9.90027E-05	54	50	0.000182	219	258	0.00072602
23.13305	108	0.1563533	1.65E-01	3.96E+01		28	0.0689898		111	0.273495		6	0.014784		7.5	1.84794E-05		37	9.11651E-05		50	0.000123		258	0.000635692
23.19972	112	0.129055	1.43E-01	3.42E+01		28	0.0596516		111	0.236476		6	0.012782		7.5	1.59781E-05		37	7.88253E-05		50	0.000107		258	0.000549647
23.26639	116	0.1007778	1.15E-01	2.76E+01		28	0.0480381		111	0.190429		6	0.010293		7.5	1.28668E-05		37	6.34762E-05		50	8.58E-05		258	0.000442618
23.33306	120	7.45E-02	8.76E-02	2.10E+01	36	35	0.0366362	118	142.5	0.145237	7	8	0.007851	5	5	9.81328E-06	51	53	4.84122E-05	46	51.5	6.54E-05	297	258	0.000337577
23.39972	124	6.07E-02	6.76E-02	1.62E+01		35	0.0353134		142.5	0.143776		8	0.008072		5	5.04476E-06		53	5.34745E-05		51.5	5.2E-05		258	0.00026031
23.46639	128	4.35E-02	5.21E-02	1.25E+01		35	0.0272077		142.5	0.110774		8	0.006219		5	3.88681E-06		53	4.12002E-05		51.5	4E-05		258	0.000200559
23.53306	132	3.07E-02	3.71E-02	8.90E+00		35	0.0193716		142.5	0.07887		8	0.004428		5	2.76737E-06		53	2.93341E-05		51.5	2.85E-05		258	0.000142796
23.59972	136	1.96E-02	2.51E-02	6.03E+00	34	29.5	0.0131375	167	126.5	0.053488	9	8	0.003003	5	4	1.87678E-06	55	56.5	1.96939E-05	57	60.5	1.93E-05	219	235.5	9.68419E-05
23.66639	140	1.30E-02	1.63E-02	3.91E+00		29.5	0.0071802		126.5	0.03079		8	0.001947		4	9.73589E-07		56.5	1.37519E-05		60.5	1.47E-05		235.5	5.73201E-05
23.73306	144	6.55E-03	9.77E-03	2.34E+00		29.5	0.0043023		126.5	0.018449		8	0.001167		4	5.83363E-07		56.5	8.24E-06		60.5	8.82E-06		235.5	3.43455E-05
23.79972	148	2.14E-03	4.35E-03	1.04E+00		29.5	0.001915		126.5	0.008212		8	0.000519		4	2.59661E-07		56.5	3.66772E-06		60.5	3.93E-06		235.5	1.52878E-05
23.86639	152	3.56E-03	2.65E-03	6.84E-01	25	25	0.001256	86	86	0.005386	7	7	0.000341	3	3	1.70302E-07	58	58	2.40551E-06	64	64	2.58E-06	252	252	1.00265E-05

Conduit CSO 1033

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.47E+04	6.67	58.21	189.36	12.41	0.01	0.08	0.13	0.42

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
18.66639	0	5.85E-04			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
18.73306	4	2.99E-03	1.79E-03	4.29E-01		80	0.0021347		761.5	0.02032		36.5	0.000974		7.5	2.00129E-07		172.5	4.60297E-06		283.5	7.56488E-06		639	1.7051E-05
18.79972	8	8.49E-03	5.74E-03	1.38E+00		80	0.0068549		761.5	0.06525		36.5	0.003128		7.5	6.42649E-07		172.5	1.47809E-05		283.5	2.42921E-05		639	5.47537E-05
18.86639	12	2.15E-02	1.50E-02	3.60E+00		80	0.0179209		761.5	0.170585		36.5	0.008176		7.5	1.68009E-06		172.5	3.8642E-05		283.5	6.35073E-05		639	0.000143143
18.93306	16	4.92E-02	3.54E-02	8.49E+00	69	58	0.0422272	451	358.5	0.401951	24	17.5	0.019266	4	5.5	3.9588E-06	130	107	9.10525E-05	198	147.5	0.000149843	446	410.5	0.00033729
18.99972	20	9.28E-02	7.10E-02	1.70E+01		58	0.0614619		358.5	0.379898		17.5	0.018545		5.5	5.82828E-06		107	0.000113387		147.5	0.000156304		410.5	0.000435002
19.06639	24	0.1470841	1.20E-01	2.88E+01		58	0.1038425		358.5	0.641854		17.5	0.031332		5.5	9.84714E-06		107	0.000191572		147.5	0.000264082		410.5	0.000734954
19.13305	28	0.2108932	1.79E-01	4.30E+01	47	42	0.1549818	266	238.5	0.957948	11	9.5	0.046762	7	5.5	1.46966E-05	84	69.5	0.000285915	97	90.5	0.000394135	375	307	0.001096897
19.19972	32	0.2861401	2.49E-01	5.98E+01		42	0.1558232		238.5	0.884853		9.5	0.035246		5.5	2.04054E-05		69.5	0.00025785		90.5	0.000335782		307	0.001138993
19.26639	36	0.3871215	3.27E-01	7.84E+01		42	0.2048018		238.5	1.162982		9.5	0.046324		5.5	2.68193E-05		69.5	0.000338898		90.5	0.000441299		307	0.001497004
19.33306	40	0.4570183	4.12E-01	9.89E+01		42	0.2583732		238.5	1.467191		9.5	0.058442		5.5	3.38346E-05		69.5	0.000427546		90.5	0.000556733		307	0.001888585
19.39972	44	0.5482714	5.03E-01	1.21E+02	37	32	0.3151649	211	192.5	1.789686	8	7	0.071287	4	3.5	4.12716E-05	55	57	0.000521523	84	101.5	0.000879105	239	258.5	0.002303705
19.46639	48	0.629171	5.89E-01	1.41E+02		32	0.2812464		192.5	1.691873		7	0.061523		3.5	3.07613E-05		57	0.00050097		101.5	0.000892078		258.5	0.002271944
19.53306	52	0.7011976	6.65E-01	1.60E+02		32	0.3177747		192.5	1.911613		7	0.069513		3.5	3.47566E-05		57	0.000566036		101.5	0.001007942		258.5	0.002567024
19.59972	56	0.7639898	7.33E-01	1.76E+02		32	0.3499778		192.5	2.105335		7	0.076558		3.5	3.82788E-05		57	0.000623398		101.5	0.001110086		258.5	0.002827164
19.66639	60	0.8274808	7.96E-01	1.91E+02	27	32	0.3801373	174	166.5	2.286763	6	7	0.083155	3	2	4.15775E-05	59	70.5	0.00067712	119	102	0.001205748	278	310	0.003070798
19.73306	64	0.899417	8.63E-01	2.07E+02		32	0.4124857		166.5	2.146215		7	0.090231		2	2.57804E-05		70.5	0.000908758		102	0.001314798		310	0.003995955
19.79972	68	0.9864853	9.43E-01	2.26E+02		32	0.4504859		166.5	2.34383		7	0.098539		2	2.81541E-05		70.5	0.000992433		102	0.00143586		310	0.004363888
19.86639	72	1.097812	1.04E+00	2.50E+02		32	0.4978549		166.5	2.590401		7	0.108906		2	3.11159E-05		70.5	0.001096837		102	0.001586913		310	0.00482297
19.93306	76	1.233322	1.17E+00	2.80E+02	37	37.5	0.5568196	159	138	2.897202	8	7	0.121804	1	3.5	3.48012E-05	82	65.5	0.001226743	85	81.5	0.001774863	342	325.5	0.00539419
19.99972	80	1.388958	1.31E+00	3.15E+02		37.5	0.7340196		138	2.701192		7	0.137017		3.5	6.85085E-05		65.5	0.001282088		81.5	0.001585269		325.5	0.00637129
20.06639	84	1.55823	1.47E+00	3.54E+02		37.5	0.8249667		138	3.035878		7	0.153994		3.5	7.69969E-05		65.5	0.001440942		81.5	0.001782928		325.5	0.007160711
20.13305	88	1.726831	1.64E+00	3.94E+02		37.5	0.919543		138	3.383918		7	0.171648		3.5	8.5824E-05		65.5	0.001606135		81.5	0.001998473		325.5	0.007981633
20.19972	92	1.887247	1.81E+00	4.34E+02	38	29	1.0116403	117	110.5	3.722836	6	5.5	0.18884	6	8	9.44198E-05	49	36	0.001766998	78	66	0.002196632	309	264	0.008781038
20.26639	96	2.028543	1.96E+00	4.70E+02		29	0.8476464		110.5	3.229825		5.5	0.160761		8	0.000233833		36	0.001052251		66	0.001929126		264	0.007716505
20.33306	100	2.146126	2.09E+00	5.01E+02		29	0.9036856		110.5	3.443354		5.5	0.171389		8	0.000249293		36	0.001121817		66	0.002056664		264	0.008226655
20.39972	104	2.241095	2.19E+00	5.26E+02	20	28	0.9496965	104	111	3.618671	5	6	0.180115	10	7.5	0.000281985	23	37	0.001178934	54	50	0.002161378	219	258	0.008645513
20.46639	108	2.317189	2.28E+00	5.47E+02		28	0.9527013		111	3.77678		6	0.20415		7.5	0.000255188		37	0.001258927		50	0.001701252		258	0.008778482
20.53306	112	2.378073	2.35E+00	5.63E+02		28	0.9813303		111	3.890273		6	0.210285		7.5	0.000262856		37	0.001296758		50	0.001752375		258	0.009042257
20.59972	116	2.426802	2.40E+00	5.77E+02		28	1.0042398		111	3.981094		6	0.215194		7.5	0.000268993		37	0.001327031		50	0.001793285		258	0.009253353
20.66639	120	2.458388	2.44E+00	5.86E+02	36	35	1.021026	118	142.5	4.047639	7	8	0.218791	5	5	0.000273489	51	53	0.001349213	46	51.5	0.001823281	297	258	0.009408026
20.73306	124	2.471432	2.46E+00	5.92E+02		35	1.2879424		142.5	5.243765		8	0.294387		5	0.000183992		53	0.001950313		51.5	0.001895115		258	0.009493975
20.79972	128	2.468635	2.47E+00	5.93E+02		35	1.2906195		142.5	5.254665		8	0.294999		5	0.000184374		53	0.001954367		51.5	0.001899054		258	0.009513709
20.86639	132	2.45151	2.46E+00	5.90E+02		35	1.2854147		142.5	5.233474		8	0.293809		5	0.000183631		53	0.001946485		51.5	0.001891396		258	0.009475343
20.93306	136	2.421537	2.44E+00	5.85E+02	34	29.5	1.2731101	167	126.5	5.183377	9	8	0.290997	5	4	0.000181873	55	56.5	0.001927852	57	60.5	0.001873291	219	235.5	0.00938464
20.99972	140	2.382326	2.40E+00	5.76E+02		29.5	1.0578156		126.5	4.536057		8	0.286865		4	0.000143433		56.5	0.002025986		60.5	0.002169418		235.5	0.008444595
21.06639	144	2.33911	2.36E+00	5.67E+02		29.5	1.0396651		126.5	4.458225		8	0.281943		4	0.000140972		56.5	0.001991223		60.5	0.002132194		235.5	0.008299699
21.13305	148	2.296386	2.32E+00	5.56E+02		29.5	1.020741		126.5	4.377076		8	0.276811		4	0.000138406		56.5	0.001954978		60.5	0.002093384		235.5	0.008148627
21.19972	152	2.258045	2.28E+00	5.47E+02	25	27.5	1.0028904	86	107.5	4.30053	7	8	0.27197	3	3	0.000135985	58	59.5	0.00192079	64	64.5	0.002056775	252	277	0.008008125
21.26639	156	2.225514	2.24E+00	5.38E+02		27.5	0.9203498		107.5	3.597731		8	0.267738		3	0.000100402		59.5	0.001991302		64.5	0.002158639		277	0.009270432
21.33306	160	2.198712	2.21E+00	5.31E+02		27.5	0.9081704		107.5	3.55012		8	0.264195		3	9.90731E-05		59.5	0.00196495		64.5	0.002130072		277	0.009147752
21.39972	164	2.17677	2.19E+00	5.25E+02		27.5	0.8981646		107.5	3.511007		8	0.261284		3	9.79816E-05		59.5	0.001943302		64.5	0.002106604		277	0.009046967
21.46639	168	2.158628	2.17E+00	5.20E+02	30	40.5	0.8899364	129	118	3.478842	9	9.5	0.258891	3	4	9.7084E-05	61	54	0.001925499	65	64	0.002087305	302	269	0.008964087
21.53306	172	2.143444	2.15E+00	5.16E+02		40.5	1.3005589		118	3.789283		9.5	0.305069		4	0.00012845		54	0.001734079		64	0.002055204		269	0.00863828
21.59972	176	2.130408	2.14E+00	5.13E+02		40.5	1.2920277		118	3.764428		9.5	0.303068		4	0.000127608		54	0.001722704		64	0.002041723		269	0.008581616
21.66639	180	2.119213	2.12E+00	5.10E+02	51	47	1.2847024	107	114	3.743084	10	9	0.30135	5	7	0.000126884	47	48	0.001712937	63	102.5	0.002030147	236	271	0.008532982
21.73306	184	2.109458	2.11E+00	5.07E+02		47	1.4835394		114	3.598372		9	0.284082		7	0.000220953		48	0.001515104		102.5	0.003235378		271	0.008554025
21.79972	188	2.100878	2.11E+00	5.05E+02		47	1.4771069		114	3.58277		9	0.28285		7	0.000219995		48	0.001508535		102.5	0.00322135		271	0.008516936
21.86639	192	2.09344	2.10E+00	5.03E+02		47	1.4714874		114	3.56914		9	0.281774		7	0.000219158		48	0.001502796		102.5	0.003209095		271	0.008484534
21.93306	196	2.086951	2.09E+00	5.02E+02		47	1.4666014		114	3.557288		9	0.280839	9	7	0.00021843	49	42	0.001497806	142	140.5	0.003198439	306	294	0.008456361
21.99972	200	2.081509	2.08E+00	5.00E+02		47	1.4624156		114	3.547136		9	0.280037		7	0.000217807		42	0.00130684		140.5	0.004371689		294	0.009147877
22.06639	204	2.076759	2.08E+00	4.99E+02		47	1.45884		114	3.538463		9	0.279352		7	0.000217274		42	0.001303644		140.5	0.004361		294	0.00912551
22.13305	208	2.061395	2.07E+00	4.97E+02		47	1.4517834		114	3.521347		9	0.278001		7	0.000216223		42	0.001297338		140.5	0.004339908		294	0.009081369
22.19972	212	2.016346	2.04E+00	4.89E+02		47	1.4305888		114	3.469939		9	0.273943		7	0.000213066		42	0.001278399		140.5	0.004276547		294	0.00894879
22.26639	216	1.942433	1.98E+00	4.75E+02		47	1.3888535		114	3.368709		9	0.265951		7	0.000206851		42	0.001241103		140.5	0.004151785		294	0.008687722
22.33306	220	1.844792	1.89E+00	4.54E+02		47	1.3286674		114	3.222725		9	0.254426		7	0.000197887		42	0.00118732		140.5	0.003971868		294	0.008311239

Conduit CSO 1033

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.47E+04	6.67	58.21	189.36	12.41	0.01	0.08	0.13	0.42

Conduit CSO

Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
22.39972	224	1.727172	1.79E+00	4.29E+02		47	1.2531477		114	3.03955		9	0.239964	5	4	0.000186639	35	37.5	0.001119834	139	120.5	0.003746112	282	252.5	0.007838839
22.46639	228	1.594439	1.66E+00	3.99E+02		47	1.1653167		114	2.826513		9	0.223146		4	9.91759E-05		37.5	0.000929774		120.5	0.002967674		252.5	0.006260478
22.53306	232	1.451177	1.52E+00	3.65E+02		47	1.0684697		114	2.591656		9	0.204604		4	9.09353E-05		37.5	0.000852518		120.5	0.002739426		252.5	0.00574029
22.59972	236	1.306236	1.38E+00	3.31E+02		47	0.9673798		114	2.346411		9	0.185243		4	8.23302E-05		37.5	0.000771846		120.5	0.002480197		252.5	0.005197093
22.66639	240	1.171049	1.24E+00	2.97E+02	43	48	0.8691028	121	91	2.108037	8	9	0.166424	3	4	7.39662E-05	40	37.5	0.000693433	102	120.5	0.002228232	223	252.5	0.004689116
22.73306	244	1.04988	1.11E+00	2.67E+02		48	0.7957438		91	1.508598		9	0.149202		4	6.6312E-05		37.5	0.000621675		120.5	0.001997648		252.5	0.004185944
22.79972	248	0.9386469	9.94E-01	2.39E+02		48	0.7124757		91	1.350735		9	0.133589		4	5.9373E-05		37.5	0.000556822		120.5	0.001788611		252.5	0.003747919
22.86639	252	0.8402296	8.89E-01	2.13E+02		48	0.6373593		91	1.208327		9	0.119505		4	5.31133E-05		37.5	0.000497937		120.5	0.001600038		252.5	0.003352776
22.93306	256	0.7523967	7.96E-01	1.91E+02		48	0.5706272		91	1.081814		9	0.106993	5	5	4.75523E-05	35	35	0.000445802	139	139	0.001432512	282	282	0.003001737
22.99972	260	0.6786658	7.16E-01	1.72E+02		48	0.51274		91	0.97207		9	0.096139		5	5.34104E-05		35	0.000373873		139	0.001484809		282	0.003012347
23.06639	264	0.6172175	6.48E-01	1.56E+02		48	0.4643062		91	0.880247		9	0.087057		5	4.83652E-05		35	0.000338557		139	0.001344553		282	0.002727799
23.13305	268	0.5651716	5.91E-01	1.42E+02		48	0.423642		91	0.803155		9	0.079433		5	4.41294E-05		35	0.000308906		139	0.001226797		282	0.002488897
23.19972	272	0.5170879	5.41E-01	1.30E+02		48	0.3877662		91	0.73514		9	0.072706	5	5	4.03923E-05	35	35	0.000282746	139	139	0.001122906	282	282	0.002278127
23.26639	276	0.4714196	4.94E-01	1.19E+02		48	0.3541755		91	0.671458		9	0.066408		5	3.68933E-05		35	0.000258253		139	0.001025633		282	0.002080781
23.33306	280	0.4268002	4.49E-01	1.08E+02		48	0.321826		91	0.610129		9	0.060342		5	3.35235E-05		35	0.000234665		139	0.000931955		282	0.001890728
23.39972	284	0.3752781	4.01E-01	9.62E+01		48	0.2873785		91	0.544822		9	0.053883	5	4	2.99353E-05	35	33.5	0.000209547	139	96	0.0006322	282	215	0.001668349
23.46639	288	0.319597	3.47E-01	8.34E+01		48	0.2489683		91	0.472002		9	0.046682		4	2.07474E-05		33.5	0.000173759		96	0.000497937		215	0.001115171
23.53306	292	0.2683192	2.94E-01	7.05E+01		48	0.2106484		91	0.39935		9	0.039496		4	1.75539E-05		33.5	0.000147014		96	0.000421293		215	0.00094352
23.59972	296	0.2229434	2.46E-01	5.90E+01		48	0.176016		91	0.333697		9	0.033003		4	1.4668E-05		33.5	0.000122845		96	0.000352032		215	0.000788405
23.66639	300	0.1846309	2.04E-01	4.89E+01	53	53	0.1460311	61	61	0.276851	10	10	0.027381	3	4	1.21693E-05	32	29.5	0.000101918	53	65	0.000292062	148	171	0.000654098
23.73306	304	0.153487	1.69E-01	4.06E+01		53	0.1337646		61	0.153956		10	0.025239		4	1.00954E-05		29.5	7.44539E-05		65	0.000164051		171	0.00043158
23.79972	308	0.1271204	1.40E-01	3.37E+01		53	0.1110126		61	0.127769		10	0.020946		4	8.37831E-06		29.5	6.179E-05		65	0.000136148		171	0.000358173
23.86639	312	0.105211	1.16E-01	2.79E+01		53	0.0919139		61	0.105788		10	0.017342		4	6.9369E-06		29.5	5.11596E-05		65	0.000112725		171	0.000296552
23.93306	316	8.59E-02	9.55E-02	2.29E+01		53	0.0755934		61	0.087004		10	0.014263	5	5	5.70516E-06	27	27	4.20756E-05	77	77	9.27089E-05	194	194	0.000243898
23.99972	320	7.01E-02	7.80E-02	1.87E+01		53	0.0616912		61	0.071003		10	0.01164		5	5.81992E-06		27	3.14276E-05		77	8.96268E-05		194	0.000225813
24.06639	324	5.84E-02	6.42E-02	1.54E+01		53	0.0506215		61	0.058493		10	0.009589		5	4.79448E-06		27	2.58902E-05		77	7.3835E-05		194	0.000186026
24.13305	328	4.89E-02	5.36E-02	1.29E+01		53	0.0424379		61	0.048844		10	0.008007		5	4.00358E-06		27	2.16193E-05		77	6.16551E-05		194	0.000155339
24.19972	332	4.07E-02	4.48E-02	1.08E+01		53	0.0354533		61	0.040805		10	0.006689		5	3.34465E-06		27	1.80611E-05		77	5.15076E-05		194	0.000129772
24.26639	336	3.37E-02	3.72E-02	8.93E+00		53	0.0294396		61	0.033883		10	0.005555		5	2.77732E-06		27	1.49975E-05		77	4.27707E-05		194	0.00010776
24.33306	340	2.75E-02	3.06E-02	7.34E+00		53	0.0242002		61	0.027853		10	0.004566		5	2.28304E-06		27	1.23284E-05		77	3.51589E-05		194	8.8582E-05
24.39972	344	2.21E-02	2.48E-02	5.95E+00		53	0.0196191		61	0.022581		10	0.003702	5	5	1.85086E-06	27	27	9.99485E-06	77	77	2.85033E-05	194	194	7.18134E-05
24.46639	348	1.74E-02	1.98E-02	4.74E+00		53	0.0156339		61	0.017994		10	0.00295		5	1.4749E-06		27	7.96446E-06		77	2.27135E-05		194	5.72261E-05
24.53306	352	1.37E-02	1.55E-02	3.73E+00		53	0.0122923		61	0.014148		10	0.002319		5	1.15965E-06		27	6.26211E-06		77	1.78586E-05		194	4.49944E-05
24.59972	356	1.12E-02	1.24E-02	2.98E+00		53	0.0098212		61	0.011304		10	0.001853		5	9.2653E-07		27	5.00326E-06		77	1.42686E-05		194	3.59494E-05
24.66639	360	8.96E-03	1.01E-02	2.42E+00		53	0.0079633		61	0.009165		10	0.001503		5	7.51258E-07		27	4.05679E-06		77	1.15694E-05		194	2.91488E-05
24.73306	364	7.00E-03	7.98E-03	1.91E+00		53	0.0063126		61	0.007265		10	0.001191		5	5.95528E-07		27	3.21565E-06		77	9.17113E-06		194	2.31065E-05
24.79972	368	5.34E-03	6.17E-03	1.48E+00		53	0.0048819		61	0.005619		10	0.000921		5	4.6056E-07		27	2.48703E-06		77	7.09263E-06		194	1.78697E-05
24.86639	372	3.97E-03	4.65E-03	1.12E+00		53	0.0036817		61	0.004237		10	0.000695		5	3.47331E-07		27	1.87559E-06		77	5.3489E-06		194	1.34784E-05
24.93306	376	2.87E-03	3.42E-03	8.20E-01		53	0.002705		61	0.003113		10	0.00051		5	2.55184E-07		27	1.37799E-06		77	3.92963E-06		194	9.90114E-06
24.99972	380	2.01E-03	2.44E-03	5.85E-01		53	0.0019294		61	0.002221		10	0.000364		5	1.82019E-07		27	9.82904E-07		77	2.8031E-06		194	7.06235E-06
25.06639	384	1.35E-03	1.68E-03	4.03E-01		53	0.0013283		61	0.001529		10	0.000251		5	1.25311E-07		27	6.76681E-07		77	1.92979E-06		194	4.86206E-06
25.13305	388	8.59E-04	1.11E-03	2.65E-01		53	0.0008744		61	0.001006		10	0.000165		5	8.24882E-08		27	4.45436E-07		77	1.27032E-06		194	3.20054E-06
25.19972	392	4.88E-04	6.74E-04	1.62E-01		53	0.0005331		61	0.000614		10	0.000101		5	5.02942E-08		27	2.71589E-07		77	7.74531E-07		194	1.95142E-06
25.26639	396	2.12E-04	3.50E-04	8.40E-02		53	0.0002769		61	0.000319		10	5.23E-05		5	2.6126E-08		27	1.4108E-07		77	4.0234E-07		194	1.01369E-06
25.33306	400	2.36E-04	2.24E-04	5.37E-02		53	0.0001769		61	0.000204		10	3.34E-05		5	1.66932E-08		27	9.01432E-08		77	2.57075E-07		194	6.47696E-07
	404		1.18E-04	2.83E-02		53	9.321E-05		61	0.000107		10	1.76E-05		5	8.7931E-09		27	4.74828E-08		77	1.35414E-07		194	3.41172E-07

Conduit CSO 1031

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
4.44E+04	7.53	121.06	292.83	24.36	0.01	0.12	0.27	0.71

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
17.13305	0	4.82E-03			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
17.19972	4	1.97E-02	1.23E-02	2.94E+00		80	0.01463832		761.5	0.139339		36.5	0.006679		7.5	1.37234E-06		172.5	3.16E-05		283.5	5.18746E-05		639	0.000117
17.26639	8	4.79E-02	3.38E-02	8.11E+00		80	0.0403581		761.5	0.384159		36.5	0.018413		7.5	3.78357E-06		172.5	8.7E-05		283.5	0.000143019		639	0.000322
17.33306	12	8.72E-02	6.75E-02	1.62E+01		80	0.08065428		761.5	0.767728		36.5	0.036799		7.5	7.56134E-06		172.5	0.000174		283.5	0.000285819		639	0.000644
17.39972	16	0.1297934	1.08E-01	2.60E+01	69	58	0.12956161	451	358.5	1.233265	24	17.5	0.059112	4	5.5	1.21464E-05	130	107	0.000279	198	147.5	0.000459134	446	410.5	0.001035
17.46639	20	0.1763227	1.53E-01	3.67E+01		58	0.13252917		358.5	0.819167		17.5	0.039987		5.5	1.25674E-05		107	0.000244		147.5	0.000337035		410.5	0.000938
17.53306	24	0.2264886	2.01E-01	4.83E+01		58	0.17439216		358.5	1.077924		17.5	0.052618		5.5	1.65372E-05		107	0.000322		147.5	0.000443497		410.5	0.001234
17.59972	28	0.2687263	2.48E-01	5.94E+01	47	42	0.21439716	266	238.5	1.325196	11	9.5	0.064689	7	5.5	2.03308E-05	84	69.5	0.000396	97	90.5	0.000545234	375	307	0.001517
17.66639	32	0.3027962	2.86E-01	6.86E+01		42	0.17917605		238.5	1.017464		9.5	0.040528		5.5	2.34635E-05		69.5	0.000296		90.5	0.000386062		307	0.00131
17.73306	36	0.3233254	3.13E-01	7.51E+01		42	0.19629322		238.5	1.114665		9.5	0.0444		5.5	2.57051E-05		69.5	0.000325		90.5	0.000422965		307	0.001435
17.79972	40	0.3362428	3.30E-01	7.91E+01		42	0.20677889		238.5	1.174209		9.5	0.046771		5.5	2.70782E-05		69.5	0.000342		90.5	0.000445559		307	0.001511
17.86639	44	0.3461132	3.41E-01	8.19E+01	37	32	0.21392301	211	192.5	1.214777	8	7	0.046387	4	3.5	2.80137E-05	55	57	0.000354	84	101.5	0.000460953	239	258.5	0.001564
17.93306	48	0.353416	3.50E-01	8.39E+01		32	0.16709104		192.5	1.005157		7	0.036551		3.5	1.82756E-05		57	0.000298		101.5	0.000529992		258.5	0.00135
17.99972	52	0.358627	3.56E-01	8.54E+01		32	0.17008011		192.5	1.023138		7	0.037205		3.5	1.86025E-05		57	0.000303		101.5	0.000539473		258.5	0.001374
18.06639	56	0.3625324	3.61E-01	8.65E+01		32	0.17225767		192.5	1.036238		7	0.037681		3.5	1.88407E-05		57	0.000307		101.5	0.00054838		258.5	0.001392
18.13305	60	0.3825889	3.73E-01	8.94E+01	27	32	0.17798126	174	166.5	1.070669	6	7	0.038933	3	2	1.94667E-05	59	70.5	0.000317	119	102	0.000584534	278	310	0.001438
18.19972	64	0.4515006	4.17E-01	1.00E+02		32	0.1992324		166.5	1.036631		7	0.043582		2	1.2452E-05		70.5	0.000439		102	0.000635053		310	0.00193
18.26639	68	0.5620459	5.07E-01	1.22E+02		32	0.24209788		166.5	1.259666		7	0.052959		2	1.51311E-05		70.5	0.000533		102	0.000771687		310	0.002345
18.33306	72	0.7075657	6.35E-01	1.52E+02		32	0.30326213		166.5	1.577911		7	0.066339		2	1.89539E-05		70.5	0.000668		102	0.000966648		310	0.002938
18.39972	76	0.868379	7.88E-01	1.89E+02	37	37.5	0.37643351	159	138	1.958631	8	7	0.082345	1	3.5	2.35271E-05	82	65.5	0.000829	85	81.5	0.001199882	342	325.5	0.003647
18.46639	80	1.028924	9.49E-01	2.28E+02		37.5	0.53108653		138	1.954398		7	0.099136		3.5	4.95681E-05		65.5	0.000928		81.5	0.001154228		325.5	0.00481
18.53306	84	1.162628	1.10E+00	2.63E+02		37.5	0.6134517		138	2.257502		7	0.114511		3.5	5.72555E-05		65.5	0.001071		81.5	0.001333235		325.5	0.005325
18.59972	88	1.260333	1.21E+00	2.91E+02		37.5	0.67822691		138	2.495875		7	0.126602		3.5	6.33012E-05		65.5	0.001185		81.5	0.001474013		325.5	0.005887
18.66639	92	1.319565	1.29E+00	3.10E+02	38	29	0.72215617	117	110.5	2.657535	6	5.5	0.134802	6	8	6.74012E-05	49	36	0.001261	78	66	0.001569486	309	264	0.006268
18.73306	96	1.366027	1.34E+00	3.22E+02		29	0.58134689		110.5	2.215132		5.5	0.110255		8	0.000160372		36	0.000722		66	0.001323065		264	0.005292
18.79972	100	1.406711	1.39E+00	3.33E+02		29	0.60021129		110.5	2.287012		5.5	0.113833		8	0.000165576		36	0.000745		66	0.001365998		264	0.005464
18.86639	104	1.448095	1.43E+00	3.43E+02	20	28	0.61797645	104	111	2.354703	5	6	0.117202	10	7.5	0.000170476	23	37	0.000767	54	50	0.001406429	219	258	0.005826
18.93306	108	1.494452	1.47E+00	3.53E+02		28	0.61500517		111	2.438056		6	0.131787		7.5	0.000164734		37	0.000813		50	0.001098224		258	0.005687
18.99972	112	1.546266	1.52E+00	3.65E+02		28	0.63552333		111	2.519396		6	0.136184		7.5	0.000170229		37	0.00084		50	0.001134863		258	0.005856
19.06639	116	1.600008	1.57E+00	3.78E+02		28	0.657585		111	2.606855		6	0.140911		7.5	0.000176139		37	0.000869		50	0.001174259		258	0.006059
19.13305	120	1.651004	1.63E+00	3.90E+02	36	35	0.6794757	118	142.5	2.693636	7	8	0.145602	5	5	0.000182002	51	53	0.000898	46	51.5	0.001213349	297	258	0.006261
19.19972	124	1.699662	1.68E+00	4.02E+02		35	0.87537977		142.5	3.564046		8	0.200087		5	0.000125054		53	0.001326		51.5	0.001288059		258	0.006453
19.26639	128	1.751051	1.73E+00	4.14E+02		35	0.9015176		142.5	3.670465		8	0.206061		5	0.000128788		53	0.001365		51.5	0.001326519		258	0.006645
19.33306	132	1.8115	1.78E+00	4.28E+02		35	0.93073589		142.5	3.789425		8	0.21274		5	0.000132962		53	0.001409		51.5	0.001369511		258	0.006861
19.39972	136	1.878158	1.84E+00	4.43E+02	34	29.5	0.96394328	167	126.5	3.924626	9	8	0.22033	5	4	0.000137706	55	56.5	0.00146	57	60.5	0.001418374	219	235.5	0.007106
19.46639	140	1.943861	1.91E+00	4.59E+02		29.5	0.84161251		126.5	3.608949		8	0.228234		4	0.000114117		56.5	0.001612		60.5	0.001726019		235.5	0.006719
19.53306	144	2.000952	1.97E+00	4.73E+02		29.5	0.86865187		126.5	3.724897		8	0.235567		4	0.000117783		56.5	0.001664		60.5	0.001781472		235.5	0.006934
19.59972	148	2.05677	2.03E+00	4.87E+02		29.5	0.89351455		126.5	3.831512		8	0.242309		4	0.000121155		56.5	0.001711		60.5	0.001832462		235.5	0.007133
19.66639	152	2.194126	2.13E+00	5.10E+02	25	27.5	0.93605167	86	107.5	4.013916	7	8	0.253845	3	3	0.000126922	58	59.5	0.001793	64	64.5	0.001919699	252	277	0.007473
19.73306	156	2.432636	2.31E+00	5.55E+02		27.5	0.94974536		107.5	3.712641		8	0.27629		3	0.000103609		59.5	0.002055		64.5	0.002227585		277	0.009567
19.79972	160	2.724215	2.58E+00	6.19E+02		27.5	1.05855788		107.5	4.137999		8	0.307944		3	0.000115479		59.5	0.00229		64.5	0.002462799		277	0.010663
19.86639	164	2.980072	2.85E+00	6.85E+02		27.5	1.17093122		107.5	4.577277		8	0.340635		3	0.000127738		59.5	0.002533		64.5	0.002746366		277	0.011794
19.93306	168	3.188787	3.06E+00	7.40E+02	30	40.5	1.26629491	129	118	4.950062	9	9.5	0.368377	3	4	0.000138141	61	54	0.00274	65	64	0.002970037	302	269	0.012755
19.99972	172	3.351215	3.27E+00	7.85E+02		40.5	1.97710725		118	5.760461		9.5	0.463766		4	0.00019527		54	0.002636		64	0.003124318		269	0.013132
20.06639	176	3.476532	3.41E+00	8.19E+02		40.5	2.06409541		118	6.013908		9.5	0.484171		4	0.000203861		54	0.002752		64	0.00326178		269	0.01371
20.13305	180	3.57493	3.53E+00	8.46E+02	51	47	2.13172666	107	114	6.210957	10	9	0.500035	5	7	0.000210541	47	48	0.002842	63	102.5	0.003368654	236	271	0.014159
20.19972	184	3.652956	3.61E+00	8.67E+02		47	2.53575025		114	6.150543		9	0.485569		7	0.000377665		48	0.00259		102.5	0.005530094		271	0.014621
20.26639	188	3.715772	3.68E+00	8.84E+02		47	2.58516167		114	6.270392		9	0.495031		7	0.000385024		48	0.00264		102.5	0.005637853		271	0.014906
20.33306	192	3.768587	3.74E+00	8.98E+02		47	2.62572835		114	6.368788		9	0.502799		7	0.000391066		48	0.002682		102.5	0.005726322		271	0.01514
20.39972	196	3.813553	3.79E+00	9.10E+02		47	2.66003274		114	6.451994		9	0.509368	9	7	0.000396175	49	42	0.002717	142	140.5	0.005801135	306	294	0.015338
20.46639	200	3.851908	3.83E+00	9.20E+02		47	2.68926414		114	6.522896		9	0.514965		7	0.000400529		42	0.002403		140.5	0.006039183		294	0.016822
20.53306	204	3.88157	3.87E+00	9.28E+02		47	2.71312646		114	6.580775		9	0.519535		7	0.000404083		42	0.002424		140.5	0.006110516		294	0.016971
20.59972	208	3.895523	3.89E+00	9.33E+02		47	2.72842786		114	6.617889		9	0.522465		7	0.000406362		42	0.002438		140.5	0.006156258		294	0.017067
20.66639	212	3.841942	3.87E+00	9.28E+02		47	2.71452521		114	6.584168		9	0.519803		7	0.000404291		42	0.002426		140.5	0.006114696		294	0.01698
20.73306	216	3.728826	3.79E+00	9.08E+02		47	2.65604311		114	6.442317		9	0.508604		7	0.000395581		42	0.002373		140.5	0.007939674		294	0.016614
20.79972	220	3.600096	3.66E+00	8.79E+02		47	2.57119728		114	6.236521		9	0.492357		7	0.000382944		42	0.002298		140.5	0.007686239		294	0.016084
20.86639	224	3.485679	3.54E+00	8.50E+02		47	2.48589432		114	6.029616		9	0.476022	5	4	0.00037024	35	37.5	0.002221	139	120.5	0.007431237	282	252.5	0.01555
20.93306	228	3.39301	3.44E+00	8.25E+02		47	2.4132419		114	5.853395		9	0.46211		4	0.000205382		37.5	0.001925		120.5	0.006187141		252.5	0.012965
20.99972	232	3.320864	3.36E+00	8.06E+02		47	2.35542006		114	5.713147		9	0.451038		4	0.000200461		37.5	0.001879		120.5	0.006038896		252.5	0.012654
21.06639	236	3.265459	3.29E+00	7.90E+02		47	2.3106715		114	5.604607		9	0.442469		4	0.000196653		37.5	0.001844		120.5	0.005924168		252.5	0.012414

Conduit CSO 1031

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
4.44E+04	7.53	121.06	292.83	24.36	0.01	0.12	0.27	0.71

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
21.13305	240	3.222143	3.24E+00	7.79E+02	43	48	2.27603733	121	91	5.520601	8	9	0.435837	3	4	0.000193705	40	37.5	0.001616	102	120.5	0.005835372	223	252.5	0.012228
21.19972	244	3.187937	3.21E+00	7.69E+02		48	2.29668805		91	4.354138		9	0.430629		4	0.000191391		37.5	0.001794		120.5	0.005765644		252.5	0.012082
21.26639	248	3.160399	3.17E+00	7.62E+02		48	2.2745656		91	4.312197		9	0.426481		4	0.000189547		37.5	0.001777		120.5	0.005710107		252.5	0.011965
21.33306	252	3.137945	3.15E+00	7.56E+02		48	2.25665381		91	4.27824		9	0.423123		4	0.000188054		37.5	0.001763		120.5	0.005665141		252.5	0.011871
21.39972	256	3.119948	3.13E+00	7.51E+02		48	2.24218049		91	4.250763		9	0.420405	5	5	0.000186847	35	35	0.001752	139	139	0.005628757	282	282	0.011795
21.46639	260	3.105815	3.11E+00	7.47E+02		48	2.23064853		91	4.228938		9	0.418247		5	0.000232359		35	0.001627		139	0.006459586		282	0.013105
21.53306	264	3.095222	3.10E+00	7.44E+02		48	2.22178937		91	4.212142		9	0.416586		5	0.000231436		35	0.00162		139	0.006433932		282	0.013053
21.59972	268	3.087632	3.09E+00	7.42E+02		48	2.21527453		91	4.199791		9	0.415364		5	0.000230758		35	0.001615		139	0.006415066		282	0.013015
21.66639	272	3.082214	3.08E+00	7.40E+02		48	2.21061385		91	4.190955		9	0.41449	5	5	0.000230272	35	35	0.001612	139	139	0.006401569	282	282	0.012987
21.73306	276	3.078793	3.08E+00	7.39E+02		48	2.20744689		91	4.184951		9	0.413898		5	0.000229942		35	0.00161		139	0.006392398		282	0.012969
21.79972	280	3.076652	3.08E+00	7.39E+02		48	2.20545407		91	4.181173		9	0.413523		5	0.000229735		35	0.001608		139	0.006386627		282	0.012957
21.86639	284	3.075796	3.08E+00	7.38E+02		48	2.20438026		91	4.179138		9	0.413321	5	4	0.000229623	35	33.5	0.001607	139	96	0.006383518	282	215	0.012951
21.93306	288	3.075074	3.08E+00	7.38E+02		48	2.20381488		91	4.178066		9	0.413215		4	0.000183651		33.5	0.001538		96	0.00440763		215	0.009871
21.99972	292	3.075074	3.08E+00	7.38E+02		48	2.20355619		91	4.177575		9	0.413167		4	0.00018363		33.5	0.001538		96	0.004407112		215	0.00987
22.06639	296	3.07472	3.07E+00	7.38E+02		48	2.20342935		91	4.177335		9	0.413143		4	0.000183619		33.5	0.001538		96	0.004406859		215	0.00987
22.13305	300	2.994466	3.03E+00	7.28E+02	53	53	2.17454805	61	61	4.122581	10	10	0.407728	3	4	0.000181212	32	29.5	0.001518	53	65	0.004349096	148	171	0.00974
22.19972	304	2.752388	2.87E+00	6.90E+02		53	2.27354397		61	2.61672		10	0.428971		4	0.000171588		29.5	0.001265		65	0.002788309		171	0.007335
22.26639	308	2.37912	2.57E+00	6.16E+02		53	2.03010361		61	2.336534		10	0.383038		4	0.000153215		29.5	0.00113		65	0.00248975		171	0.00855
22.33306	312	2.032497	2.21E+00	5.29E+02		53	1.74530365		61	2.008746		10	0.329303		4	0.000131721		29.5	0.000971		65	0.002140467		171	0.005631
22.39972	316	1.768063	1.90E+00	4.56E+02		53	1.50356006		61	1.730513		10	0.283691	5	5	0.000113478	27	27	0.000837	77	77	0.001843989	194	194	0.004851
22.46639	320	1.559846	1.66E+00	3.99E+02		53	1.31657207		61	1.5153		10	0.24841		5	0.000124205		27	0.000671		77	0.001912756		194	0.004819
22.53306	324	1.395726	1.48E+00	3.55E+02		53	1.16926981		61	1.345763		10	0.220617		5	0.000110308		27	0.000596		77	0.00169875		194	0.00428
22.59972	328	1.260344	1.33E+00	3.19E+02		53	1.05078221		61	1.209391		10	0.198261		5	9.91304E-05		27	0.000535		77	0.001526808		194	0.003848
22.66639	332	1.129622	1.19E+00	2.87E+02		53	0.94550737		61	1.088225		10	0.178398		5	8.91988E-05		27	0.000482		77	0.001373662		194	0.003461
22.73306	336	1.030479	1.08E+00	2.59E+02		53	0.85456923		61	0.983561		10	0.161239		5	8.06197E-05		27	0.000435		77	0.001241544		194	0.003128
22.79972	340	0.954219	9.92E-01	2.38E+02		53	0.7851771		61	0.903694		10	0.148147		5	7.40733E-05		27	0.0004		77	0.001140729		194	0.002874
22.86639	344	0.8908213	9.23E-01	2.21E+02		53	0.72992637		61	0.840104		10	0.137722	5	5	6.8861E-05	27	27	0.000372	77	77	0.001080459	194	194	0.002672
22.93306	348	0.8372573	8.64E-01	2.07E+02		53	0.68365451		61	0.786848		10	0.126991		5	6.44957E-05		27	0.000348		77	0.000993234		194	0.002502
22.99972	352	0.7957725	8.17E-01	1.96E+02		53	0.64605175		61	0.743569		10	0.121897		5	6.09483E-05		27	0.000329		77	0.000938603		194	0.002365
23.06639	356	0.7641243	7.80E-01	1.87E+02		53	0.6171192		61	0.710269		10	0.116438		5	5.82188E-05		27	0.000314		77	0.000896569		194	0.002259
23.13305	360	0.7282009	7.46E-01	1.79E+02		53	0.59038684		61	0.679502		10	0.111394		5	5.56969E-05		27	0.000301		77	0.000857732		194	0.002161
23.19972	364	0.6698122	6.99E-01	1.68E+02		53	0.55307552		61	0.636559		10	0.104354		5	5.21769E-05		27	0.000282		77	0.000803525		194	0.002024
23.26639	368	0.5962561	6.33E-01	1.52E+02		53	0.50087612		61	0.57648		10	0.094505		5	4.72525E-05		27	0.000255		77	0.000727688		194	0.001833
23.33306	372	0.5198731	5.58E-01	1.34E+02		53	0.44155791		61	0.508208		10	0.083313		5	4.16564E-05		27	0.000225		77	0.000641509		194	0.001616
23.39972	376	0.4500477	4.85E-01	1.16E+02		53	0.38371561		61	0.441635		10	0.072399		5	3.61996E-05		27	0.000195		77	0.000557474		194	0.001405
23.46639	380	0.3905478	4.20E-01	1.01E+02		53	0.33255253		61	0.382749		10	0.062748		5	3.13729E-05		27	0.000169		77	0.000483142		194	0.001217
23.53306	384	0.3422211	3.66E-01	8.79E+01		53	0.28989466		61	0.333652		10	0.054697		5	2.73486E-05		27	0.000148		77	0.000421166		194	0.001061
23.59972	388	0.3000039	3.21E-01	7.71E+01		53	0.2540741		61	0.292425		10	0.047939		5	2.39693E-05		27	0.000129		77	0.000369127		194	0.00093
23.66639	392	0.2543798	2.77E-01	6.65E+01		53	0.21932273		61	0.252428		10	0.041382		5	2.06908E-05		27	0.000112		77	0.000318639		194	0.000803
23.73306	396	0.2217038	2.38E-01	5.71E+01		53	0.18834601		61	0.216776		10	0.035537		5	1.77685E-05		27	9.59E-05		77	0.000273635		194	0.000689
23.79972	400	0.1967304	2.09E-01	5.02E+01		53	0.16553902		61	0.190526		10	0.031234		5	1.56169E-05		27	8.43E-05		77	0.0002405		194	0.000606
23.86639	404	0.1766085	1.87E-01	4.48E+01		53	0.14769862		61	0.169993		10	0.027868		5	1.39338E-05		27	7.52E-05		77	0.000214581		194	0.000541
23.93306	408	0.1598799	1.68E-01	4.04E+01		53	0.13311999		61	0.153214		10	0.025117		5	1.25585E-05		27	6.78E-05		77	0.000193401		194	0.000487
23.99972	412	0.1479397	1.54E-01	3.69E+01		53	0.12177818		61	0.14016		10	0.022977		5	1.14885E-05		27	6.2E-05		77	0.000176923		194	0.000446
24.06639	416	0.1397647	1.44E-01	3.45E+01		53	0.11382029		61	0.131001		10	0.021476		5	1.07378E-05		27	5.8E-05		77	0.000165382		194	0.000417
24.13305	420	0.1300122	1.35E-01	3.24E+01		53	0.1067279		61	0.122838		10	0.020137		5	1.00687E-05		27	5.44E-05		77	0.000155058		194	0.000391
24.19972	424	0.1124651	1.21E-01	2.91E+01		53	0.09592776		61	0.110407		10	0.0181		5	9.04979E-06		27	4.89E-05		77	0.000139367		194	0.000351
24.26639	428	8.92E-02	1.01E-01	2.42E+01		53	0.07976844		61	0.091809		10	0.015051		5	7.52532E-06		27	4.06E-05		77	0.00011589		194	0.000292
24.33306	432	6.60E-02	7.76E-02	1.86E+01		53	0.0614011		61	0.070669		10	0.011585		5	5.79256E-06		27	3.13E-05		77	8.92054E-05		194	0.000225
24.39972	436	4.61E-02	5.61E-02	1.35E+01		53	0.04435568		61	0.051051		10	0.008369		5	4.1845E-06		27	2.26E-05		77	6.44413E-05		194	0.000162
24.46639	440	2.98E-02	3.79E-02	9.11E+00		53	0.03002056		61	0.034552		10	0.005664		5	2.83213E-06		27	1.53E-05		77	4.36148E-05		194	0.00011
24.53306	444	1.73E-02	2.35E-02	5.65E+00		53	0.01863245		61	0.021445		10	0.003516		5	1.75778E-06		27	9.49E-06		77	2.70698E-05		194	6.82E-05
24.59972	448	8.26E-03	1.26E-02	3.07E+00		53	0.01010983		61	0.011636		10	0.001908		5	9.53758E-07		27	5.15E-06		77	1.46879E-05		194	3.7E-05
24.66639	452	2.33E-03	5.30E-03	1.27E+00		53	0.00419156		61	0.004824		10	0.000791		5	3.9543E-07		27	2.14E-06		77	6.08962E-06		194	1.53E-05
	456		1.17E-03	2.80E-01		53	0.0009237		61	0.001063		10	0.000174		5	8.71419E-08		27	4.71E-07		77	1.34199E-06		194	3.38E-05
	460		0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0

Conduit CSO 1029

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
5.65E+04	7.60	149.79	372.23	30.31	0.02	0.15	0.34	0.91

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
17.39972	0	2.18E-03			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
17.46639	4	6.49E-03	4.34E-03	1.04E+00		80	0.00517802		761.5	0.049288		36.5	0.002362		7.5	4.8544E-07		172.5	1.12E-05		283.5	1.83496E-05		639	4.14E-05
17.53306	8	1.15E-02	9.01E-03	2.16E+00		80	0.01076168		761.5	0.102438		36.5	0.00491		7.5	1.00891E-06		172.5	2.32E-05		283.5	3.81367E-05		639	8.6E-05
17.59972	12	1.68E-02	1.42E-02	3.40E+00		80	0.01692941		761.5	0.161147		36.5	0.007724		7.5	1.58713E-06		172.5	3.65E-05		283.5	5.99936E-05		639	0.000135
17.66639	16	2.22E-02	1.95E-02	4.68E+00	69	58	0.02330539	451	358.5	0.221838	24	17.5	0.010633	4	5.5	2.18488E-06	130	107	5.03E-05	198	147.5	8.25885E-05	446	410.5	0.000188
17.73306	20	2.73E-02	2.48E-02	5.95E+00		58	0.02145218		358.5	0.132597		17.5	0.006473		5.5	2.03426E-06		107	3.96E-05		147.5	5.45551E-05		410.5	0.000152
17.79972	24	3.20E-02	2.97E-02	7.13E+00		58	0.02570587		358.5	0.158889		17.5	0.007756		5.5	2.43763E-06		107	4.74E-05		147.5	6.53727E-05		410.5	0.000182
17.86639	28	3.61E-02	3.40E-02	8.17E+00	47	42	0.02948217	266	238.5	0.18223	11	9.5	0.008895	7	5.5	2.79572E-06	84	69.5	5.44E-05	97	90.5	7.49762E-05	375	307	0.000209
17.93306	32	3.95E-02	3.78E-02	9.06E+00		42	0.02367724		238.5	0.134453		9.5	0.005356		5.5	3.10059E-06		69.5	3.92E-05		90.5	5.10188E-05		307	0.000173
17.99972	36	4.22E-02	4.08E-02	9.80E+00		42	0.02561048		238.5	0.145431		9.5	0.005793		5.5	3.35375E-06		69.5	4.24E-05		90.5	5.51845E-05		307	0.000187
18.06639	40	4.46E-02	4.34E-02	1.04E+01		42	0.02722785		238.5	0.154615		9.5	0.006159		5.5	3.56555E-06		69.5	4.51E-05		90.5	5.86695E-05		307	0.000199
18.13305	44	5.05E-02	4.76E-02	1.14E+01	37	32	0.02981494	211	192.5	0.169306	8	7	0.006744	4	3.5	3.90434E-06	55	57	4.93E-05	84	101.5	8.42441E-05	239	258.5	0.000218
18.19972	48	6.97E-02	6.01E-02	1.44E+01		32	0.02870994		192.5	0.172708		7	0.00628		3.5	3.14015E-06		57	5.11E-05		101.5	9.10644E-05		258.5	0.000232
18.26639	52	0.1168465	9.33E-02	2.24E+01		32	0.0445608		192.5	0.268061		7	0.009748		3.5	4.87384E-06		57	7.94E-05		101.5	0.000141341		258.5	0.00036
18.33306	56	0.2133681	1.65E-01	3.96E+01		32	0.07887578		192.5	0.474487		7	0.017254		3.5	8.62704E-06		57	0.00014		101.5	0.000250184		258.5	0.000637
18.39972	60	0.384617	2.99E-01	7.18E+01	27	32	0.142836	174	166.5	0.859248	6	7	0.031245	3	2	1.56227E-05	59	70.5	0.000254	119	102	0.000453058	278	310	0.001154
18.46639	64	0.6214313	5.03E-01	1.21E+02		32	0.24030684		166.5	1.250347		7	0.052567		2	1.50192E-05		70.5	0.000529		102	0.000765978		310	0.002328
18.53306	68	0.9199167	7.71E-01	1.85E+02		32	0.36816967		166.5	1.915633		7	0.080537		2	2.30106E-05		70.5	0.000811		102	0.001173541		310	0.003567
18.59972	72	1.232321	1.08E+00	2.58E+02		32	0.51408808		166.5	2.674865		7	0.112457		2	3.21305E-05		70.5	0.001133		102	0.001636858		310	0.00496
18.66639	76	1.513504	1.37E+00	3.29E+02	37	37.5	0.65587361	159	138	3.412592	8	7	0.143472	1	3.5	4.09921E-05	82	65.5	0.001445	85	81.5	0.002090597	342	325.5	0.006354
18.73306	80	1.764536	1.64E+00	3.93E+02		37.5	0.91757768		138	3.376686		7	0.171281		3.5	8.56406E-05		65.5	0.001603		81.5	0.001994202		325.5	0.007985
18.79972	84	1.979113	1.87E+00	4.49E+02		37.5	1.04790935		138	3.856306		7	0.19561		3.5	9.78049E-05		65.5	0.00183		81.5	0.002277456		325.5	0.009096
18.86639	88	2.147141	2.06E+00	4.95E+02		37.5	1.15500683		138	4.250425		7	0.215601		3.5	0.000107801		65.5	0.002017		81.5	0.002510215		325.5	0.010025
18.93306	92	2.271967	2.21E+00	5.30E+02	38	29	1.23898711	117	110.5	4.552113	6	5.5	0.230904	6	8	0.000115452	49	38	0.002161	78	66	0.002888385	309	264	0.010737
18.99972	96	2.362709	2.32E+00	5.56E+02		29	1.00326711		110.5	3.822794		5.5	0.190275		8	0.000276763		38	0.001245		66	0.002263298		264	0.009133
19.06639	100	2.42834	2.40E+00	5.75E+02		29	1.03711266		110.5	3.951757		5.5	0.196694		8	0.0002861		38	0.001287		66	0.002360325		264	0.009441
19.13305	104	2.477153	2.45E+00	5.89E+02	20	28	1.06188621	104	111	4.046153	5	6	0.201392	10	7.5	0.000292934	23	37	0.001318	54	50	0.002416707	219	258	0.009667
19.19972	108	2.514673	2.50E+00	5.99E+02		28	1.04331342		111	4.135992		6	0.223567		7.5	0.000279459		37	0.001379		50	0.00186306		258	0.009613
19.26639	112	2.544394	2.53E+00	6.07E+02		28	1.05736708		111	4.191705		6	0.226579		7.5	0.000283223		37	0.001397		50	0.001888156		258	0.009743
19.33306	116	2.567964	2.56E+00	6.13E+02		28	1.06850514		111	4.23586		6	0.228965		7.5	0.000286207		37	0.001412		50	0.001908045		258	0.009846
19.39972	120	2.586765	2.58E+00	6.19E+02	36	35	1.07736086	118	142.5	4.270966	7	8	0.230863	5	5	0.000288579	51	53	0.001424	46	51.5	0.001923859	297	258	0.009927
19.46639	124	2.6018	2.59E+00	6.23E+02		35	1.35554092		142.5	5.518988		8	0.309838		5	0.000193649		53	0.002053		51.5	0.001994582		258	0.009992
19.53306	128	2.614105	2.61E+00	6.26E+02		35	1.36268364		142.5	5.548069		8	0.311471		5	0.000194669		53	0.002063		51.5	0.002005092		258	0.010045
19.59972	132	2.684637	2.65E+00	6.36E+02		35	1.38432526		142.5	5.636181		8	0.316417		5	0.000197761		53	0.002096		51.5	0.002036936		258	0.010204
19.66639	136	2.876621	2.78E+00	6.67E+02	34	29.5	1.45290899	167	126.5	5.915415	9	8	0.332093	5	4	0.000207558	55	56.5	0.0022	57	60.5	0.002137852	219	235.5	0.01071
19.73306	140	3.129246	3.00E+00	7.21E+02		29.5	1.32249808		126.5	5.671051		8	0.358644		4	0.000179322		56.5	0.002533		60.5	0.002712242		235.5	0.010558
19.79972	144	3.404573	3.27E+00	7.84E+02		29.5	1.43875366		126.5	6.169571		8	0.39017		4	0.000195085		56.5	0.002756		60.5	0.002950864		235.5	0.011486
19.86639	148	3.668754	3.54E+00	8.49E+02		29.5	1.55755387		126.5	6.679002		8	0.422387		4	0.000211194		56.5	0.002983		60.5	0.003194305		235.5	0.012434
19.93306	152	3.898153	3.78E+00	9.08E+02	25	27.5	1.66624069	86	107.5	7.145066	7	8	0.451862	3	3	0.000225931	58	59.5	0.003191	64	64.5	0.003417205	252	277	0.013302
19.99972	156	4.076622	3.99E+00	9.57E+02		27.5	1.63699916		107.5	6.399179		8	0.476218		3	0.000178582		59.5	0.003542		64.5	0.003839507		277	0.016489
20.06639	160	4.204014	4.14E+00	9.94E+02		27.5	1.69978391		107.5	6.64461		8	0.494483		3	0.000185431		59.5	0.003678		64.5	0.003988766		277	0.017121
20.13305	164	4.289826	4.25E+00	1.02E+03		27.5	1.74354875		107.5	6.815691		8	0.507214		3	0.000190205		59.5	0.003772		64.5	0.004089414		277	0.017582
20.19972	168	4.346793	4.32E+00	1.04E+03	30	40.5	1.7728573	129	118	6.93026	9	9.5	0.51574	3	4	0.000193403	61	54	0.003836	65	64	0.004158156	302	269	0.017858
20.26639	172	4.385345	4.37E+00	1.05E+03		40.5	2.63981163		118	7.691303		9.5	0.619215		4	0.000260722		54	0.00352		64	0.004171554		269	0.017534
20.33306	176	4.412846	4.40E+00	1.06E+03		40.5	2.65978011		118	7.749483		9.5	0.623899		4	0.000262694		54	0.003546		64	0.004203109		269	0.017666
20.39972	180	4.433746	4.42E+00	1.06E+03	51	47	2.67441221	107	114	7.792115	10	9	0.627331	5	7	0.000264139	47	48	0.003566	63	102.5	0.004226232	236	271	0.017763
20.46639	184	4.449277	4.44E+00	1.07E+03		47	3.1164199		114	7.558976		9	0.596761		7	0.000464148		48	0.003183		102.5	0.006796448		271	0.017969
20.53306	188	4.468418	4.46E+00	1.07E+03		47	3.12858384		114	7.58848		9	0.599091		7	0.000465959		48	0.003195		102.5	0.006822975		271	0.018039
20.59972	192	4.458188	4.46E+00	1.07E+03		47	3.13171007		114	7.596063		9	0.599689		7	0.000466425		48	0.003198		102.5	0.006829793		271	0.018057
20.66639	196	4.385694	4.42E+00	1.06E+03		47	3.10268811		114	7.525669		9	0.594132	9	7	0.000462102	49	42	0.003169	142	140.5	0.006766501	306	294	0.01789
20.73306	200	4.294347	4.34E+00	1.04E+03		47	3.04520798		114	7.386249		9	0.583125		7	0.000453542		42	0.002721		140.5	0.009103228		294	0.019049
20.79972	204	4.212443	4.25E+00	1.02E+03		47	2.98442655		114	7.238822		9	0.571486		7	0.000444489		42	0.002667		140.5	0.00892153		294	0.018669
20.86639	208	4.153834	4.18E+00	1.00E+03		47	2.93513055		114	7.119253		9	0.562046		7	0.000437147		42	0.002623		140.5	0.008774167		294	0.01836
20.93306	212	4.122236	4.14E+00	9.93E+02		47	2.90348334		114	7.042491		9	0.555986		7	0.000432434		42	0.002595		140.5	0.008679562		294	0.018162
20.99972	216	4.117315	4.12E+00	9.89E+02		47	2.89067142		114	7.011416		9	0.553533		7	0.000430526		42	0.002583		140.5	0.008641262		294	0.018082
21.06639	220	4.132791	4.13E+00	9.90E+02		47	2.89437442		114	7.020398		9	0.554242		7	0.000431077		42	0.002586		140.5	0.008652332		294	0.018105
21.13305	224	4.163894	4.15E+00	9.96E+02		47	2.91071567		114	7.060034		9	0.557371	5	4	0.000433511	35	37.5	0.002601	139	120.5	0.008701182	282	252.5	0.018207
21.19972	228	4.203308	4.18E+00	1.00E+03		47	2.93545506		114	7.12004		9	0.562108		4	0.000249826		37.5	0.002342		120.5	0.007526007		252.5	0.01577
21.26639	232	4.246495	4.22E+00	1.01E+03		47	2.96443387		114	7.190329		9	0.567658		4	0.000252292		37.5	0.002365		120.5	0.007600304		252.5	0.015926
21.33306	236	4.290943	4.27E+00	1.02E+03		47	2.99517875		114	7.264902		9	0.573545		4	0.000254909		37.5	0.00239		120.5	0.007679128		252.5	0.016091
21.39972	240	4.334732	4.31E+00	1.04E+03	43	48	3.02613482	121	91	7.339987	8	9	0.579473	3	4	0.000257543	40	37.5	0.002414	102	120.5	0.007758495	223	252.5	0.016257
21.46639	244	4.377563	4.36E+00	1.05E+03		48	3.12155603		91	5.91795		9	0.585292		4	0.00026013		37.5	0.002439		120.5	0.007836406		252.5	0.016421

Conduit CSO 1029

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
5.65E+04	7.60	149.79	372.23	30.31	0.02	0.15	0.34	0.91

Conduit CSO

Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
21.53306	248	4.418254	4.40E+00	1.06E+03			48 3.15148139			91 5.974683			9 0.590903			4 0.000262623		37.5	0.002462		120.5	0.007911531		252.5	0.016578
21.59972	252	4.456489	4.44E+00	1.06E+03			48 3.17976004			91 6.028295			9 0.596205			4 0.00026498		37.5	0.002484		120.5	0.007982523		252.5	0.016727
21.66639	256	4.492475	4.47E+00	1.07E+03			48 3.20635292			91 6.078711			9 0.601191	5		5 0.000267196	35	35	0.002505	139	139	0.008049282	282	282	0.016867
21.73306	260	4.52598	4.51E+00	1.08E+03			48 3.23125107			91 6.125913			9 0.60586			5 0.000336589		35	0.002356		139	0.008357165		282	0.016984
21.79972	264	4.557061	4.54E+00	1.09E+03			48 3.2543918			91 6.169784			9 0.610198			5 0.000338999		35	0.002373		139	0.008424176		282	0.01912
21.86639	268	4.585735	4.57E+00	1.10E+03			48 3.27580161			91 6.210374			9 0.614213			5 0.000341229		35	0.002389		139	0.008486175		282	0.019245
21.93306	272	4.611486	4.60E+00	1.10E+03			48 3.29530171			91 6.247343			9 0.617869	5		5 0.000343261	35	35	0.002403	139	139	0.008542645	282	282	0.01936
21.99972	276	4.635422	4.62E+00	1.11E+03			48 3.31310423			91 6.281093			9 0.621207			5 0.000345115		35	0.002416		139	0.008594198		282	0.019484
22.06639	280	4.627216	4.63E+00	1.11E+03			48 3.31874018			91 6.291778			9 0.622264			5 0.000345702		35	0.00242		139	0.008610516		282	0.019498
22.13305	284	4.292593	4.46E+00	1.07E+03			48 3.19590688			91 6.058907			9 0.599233	5		4 0.000332907	35	33.5	0.00233	139	96	0.009254814	282	215	0.018776
22.19972	288	3.783685	4.03E+00	9.67E+02			48 2.8665096			91 5.472341			9 0.541221			4 0.000240542		33.5	0.002015		96	0.005773019		215	0.012929
22.26639	292	3.205308	3.48E+00	8.36E+02			48 2.49694278			91 4.733787			9 0.468177			4 0.000208079		33.5	0.001743		96	0.004993886		215	0.011184
22.33306	296	2.672314	2.94E+00	7.05E+02			48 2.10591198			91 3.992458			9 0.394858			4 0.000175493		33.5	0.00147		96	0.004211624		215	0.009433
22.39972	300	2.243293	2.46E+00	5.90E+02	53		53 1.76122855	61		61 3.338996	10		10 0.33023	3		4 0.000146769	32	29.5	0.001229	53	65	0.003522457	148	171	0.007889
22.46639	304	1.933331	2.09E+00	5.01E+02			53 1.65233679			61 1.901746			10 0.311762			4 0.000124705		29.5	0.00092		65	0.002026451		171	0.005331
22.53306	308	1.700398	1.82E+00	4.36E+02			53 1.43755917			61 1.654549			10 0.271238			4 0.000108495		29.5	0.0008		65	0.001763044		171	0.004838
22.59972	312	1.435063	1.57E+00	3.76E+02			53 1.24043667			61 1.427672			10 0.234045			4 9.36179E-05		29.5	0.00069		65	0.00152129		171	0.004002
22.66639	316	1.160731	1.31E+00	3.14E+02			53 1.0348484			61 1.191052			10 0.195254	5		5 7.81018E-05	27	27	0.000576	77	77	0.001269154	194	194	0.003339
22.73306	320	1.003322	1.09E+00	2.62E+02			53 0.86404501			61 0.994467			10 0.163027			5 8.15137E-05		27	0.00044		77	0.001255311		194	0.003163
22.79972	324	0.8771898	9.40E-01	2.26E+02			53 0.74395944			61 0.856255			10 0.14037			5 7.01849E-05		27	0.000379		77	0.001080847		194	0.002723
22.86639	328	1.176206	1.03E+00	2.46E+02			53 0.81235501			61 0.934975			10 0.153275			5 7.66373E-05		27	0.000414		77	0.001180214		194	0.002974
22.93306	332	1.142165	1.16E+00	2.78E+02			53 0.91718328			61 1.055626			10 0.173053			5 8.65267E-05		27	0.000467		77	0.001332512		194	0.003357
22.99972	336	1.117705	1.13E+00	2.71E+02			53 0.89403938			61 1.028989			10 0.168687			5 8.43433E-05		27	0.000455		77	0.001298887		194	0.003273
23.06639	340	1.096003	1.11E+00	2.66E+02			53 0.87577699			61 1.00797			10 0.165241			5 8.26205E-05		27	0.000446		77	0.001272355		194	0.003206
23.13305	344	1.046043	1.07E+00	2.57E+02			53 0.8474264			61 0.97534			10 0.159892	5		5 7.99459E-05	27	27	0.000432	77	77	0.001231167	194	194	0.003102
23.19972	348	0.9764773	1.01E+00	2.43E+02			53 0.80014019			61 0.920916			10 0.15097			5 7.54849E-05		27	0.000408		77	0.001162468		194	0.002929
23.26639	352	0.8996002	9.38E-01	2.25E+02			53 0.74220516			61 0.854236			10 0.140039			5 7.00194E-05		27	0.000378		77	0.001078296		194	0.002717
23.33306	356	0.8225036	8.61E-01	2.07E+02			53 0.68129079			61 0.784127			10 0.128545			5 6.42727E-05		27	0.000347		77	0.0009896		194	0.002494
23.39972	360	0.7489882	7.86E-01	1.89E+02			53 0.62170636			61 0.715549			10 0.117303			5 5.86515E-05		27	0.000317		77	0.000903234		194	0.002276
23.46639	364	0.6715747	7.10E-01	1.70E+02			53 0.56199657			61 0.646826			10 0.106037			5 5.30185E-05		27	0.000286		77	0.000816486		194	0.002057
23.53306	368	0.6044677	6.38E-01	1.53E+02			53 0.50482203			61 0.581022			10 0.095249			5 4.76247E-05		27	0.000257		77	0.000733421		194	0.001848
23.59972	372	0.5487219	5.77E-01	1.38E+02			53 0.45621957			61 0.525083			10 0.086079			5 4.30396E-05		27	0.000232		77	0.00066261		194	0.00167
23.66639	376	0.5031813	5.26E-01	1.26E+02			53 0.41614911			61 0.478964			10 0.078519			5 3.92594E-05		27	0.000212		77	0.0006048594		194	0.001523
23.73306	380	0.4663155	4.85E-01	1.16E+02			53 0.38354787			61 0.441442			10 0.072368			5 3.61838E-05		27	0.000195		77	0.00055723		194	0.001404
23.79972	384	0.4365747	4.51E-01	1.08E+02			53 0.35719727			61 0.411114			10 0.067398			5 3.36979E-05		27	0.000182		77	0.000518947		194	0.001307
23.86639	388	0.4125019	4.25E-01	1.02E+02			53 0.33590778			61 0.386611			10 0.063379			5 3.16894E-05		27	0.000171		77	0.000488017		194	0.00123
23.93306	392	0.3929862	4.03E-01	9.67E+01			53 0.3186635			61 0.366764			10 0.060125			5 3.00626E-05		27	0.000162		77	0.000462964		194	0.001166
23.99972	396	0.3773884	3.85E-01	9.24E+01			53 0.30477206			61 0.350775			10 0.057504			5 2.87521E-05		27	0.000155		77	0.000442782		194	0.001116
24.06639	400	0.3632135	3.70E-01	8.89E+01			53 0.29299352			61 0.337219			10 0.055282			5 2.76409E-05		27	0.000149		77	0.00042567		194	0.001072
24.13305	404	0.336044	3.50E-01	8.39E+01			53 0.27683704			61 0.318394			10 0.052196			5 2.60978E-05		27	0.000141		77	0.000401907		194	0.001013
24.19972	408	0.2984708	3.17E-01	7.61E+01			53 0.25102383			61 0.288914			10 0.047363			5 2.36815E-05		27	0.000128		77	0.000364695		194	0.000919
24.26639	412	0.2520486	2.75E-01	6.61E+01			53 0.21779396			61 0.250669			10 0.041093			5 2.05466E-05		27	0.000111		77	0.000316418		194	0.000797
24.33306	416	0.2100184	2.31E-01	5.54E+01			53 0.18280082			61 0.210393			10 0.034491			5 1.72454E-05		27	9.31E-05		77	0.000265579		194	0.000669
24.39972	420	0.1725102	1.91E-01	4.59E+01			53 0.15133421			61 0.174177			10 0.028554			5 1.42768E-05		27	7.71E-05		77	0.000219863		194	0.000554
24.46639	424	0.1391419	1.56E-01	3.74E+01			53 0.12329437			61 0.141905			10 0.023263			5 1.16315E-05		27	6.28E-05		77	0.000179126		194	0.000451
24.53306	428	0.1096893	1.24E-01	2.99E+01			53 0.09844146			61 0.113301			10 0.018574			5 9.28693E-06		27	5.01E-05		77	0.000143019		194	0.00036
24.59972	432	8.38E-02	9.68E-02	2.32E+01			53 0.07855765			61 0.088114			10 0.014445			5 7.22424E-06		27	3.9E-05		77	0.000111225		194	0.00028
24.66639	436	6.24E-02	7.31E-02	1.76E+01			53 0.0578632			61 0.066597			10 0.010918			5 5.45879E-06		27	2.95E-05		77	8.40654E-05		194	0.000212
24.73306	440	4.51E-02	5.37E-02	1.29E+01			53 0.04252755			61 0.048947			10 0.008024			5 4.01203E-06		27	2.17E-05		77	6.17853E-05		194	0.000156
24.79972	444	3.09E-02	3.80E-02	9.11E+00			53 0.03004645			61 0.034582			10 0.005689			5 2.83457E-06		27	1.53E-05		77	4.36524E-05		194	0.00011
24.86639	448	1.97E-02	2.53E-02	6.07E+00			53 0.02001015			61 0.023031			10 0.003775			5 1.88775E-06		27	1.02E-05		77	2.90713E-05		194	7.32E-05
24.93306	452	1.10E-02	1.54E-02	3.68E+00			53 0.01214692			61 0.01398			10 0.002292			5 1.14594E-06		27	6.19E-06		77	1.76474E-05		194	4.45E-05
24.99972	456	4.59E-03	7.80E-03	1.87E+00			53 0.00617041			61 0.007102			10 0.001164			5 5.82115E-07		27	3.14E-06		77	8.96456E-06		194	2.26E-05
	460		2.29E-03	5.50E-01			53 0.00181442			61 0.002088			10 0.000342			5 1.71171E-07		27	9.24E-07		77	2.63604E-06		194	6.64E-06
	464		0.00E+00	0.00E+00			53 0			61 0			10 0			5 0		27	0		77	0		194	0
	468		0.00E+00	0.00E+00			53 0			61 0			10 0			5 0		27	0		77	0		194	0

Conduit CSO 1027

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
1.55E+04	7.53	41.01	101.57	8.34	0.00	0.04	0.09	0.25

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
17.39972	0	1.48E-05			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
17.46639	4	1.41E-04	7.78E-05	1.87E-02		80	9.295E-05		761.5	0.000885		36.5	4.24E-05		7.5	8.71438E-09		172.5	2E-07		283.5	3.29403E-07		639	7.42E-07
17.53306	8	3.56E-04	2.49E-04	5.97E-02		80	0.0002969		761.5	0.002626		36.5	0.000135		7.5	2.78381E-08		172.5	6.4E-07		283.5	1.05228E-06		639	2.37E-06
17.59972	12	6.35E-04	4.96E-04	1.19E-01		80	0.0005923		761.5	0.005638		36.5	0.00027		7.5	5.55294E-08		172.5	1.26E-06		283.5	2.09901E-06		639	4.73E-06
17.66639	16	9.50E-04	7.93E-04	1.90E-01	69	58	0.0009471	451	358.5	0.009015	24	17.5	0.000432	4	5.5	8.87864E-08	130	107	2.04E-06	198	147.5	3.35613E-06	446	410.5	7.56E-06
17.73306	20	1.30E-03	1.13E-03	2.70E-01		58	0.0009758		358.5	0.006031		17.5	0.000294		5.5	9.25289E-08		107	1.8E-06		147.5	2.48146E-06		410.5	6.91E-06
17.79972	24	1.67E-03	1.48E-03	3.56E-01		58	0.0012858		358.5	0.007948		17.5	0.000388		5.5	1.2193E-07		107	2.37E-06		147.5	3.26904E-06		410.5	9.1E-06
17.86639	28	2.03E-03	1.85E-03	4.43E-01	47	42	0.0015987	266	238.5	0.009881	11	9.5	0.000482	7	5.5	1.51598E-07	84	69.5	2.95E-06	97	90.5	4.06559E-06	375	307	1.13E-05
17.93306	32	2.35E-03	2.19E-03	5.26E-01		42	0.0013733		238.5	0.007798		9.5	0.000311		5.5	1.79833E-07		69.5	2.27E-06		90.5	2.95907E-06		307	1E-05
17.99972	36	2.65E-03	2.50E-03	6.01E-01		42	0.0015693		238.5	0.008911		9.5	0.000355		5.5	2.05503E-07		69.5	2.6E-06		90.5	3.38145E-06		307	1.15E-05
18.06639	40	2.95E-03	2.80E-03	6.72E-01		42	0.0017561		238.5	0.009972		9.5	0.000397		5.5	2.29964E-07		69.5	2.91E-06		90.5	3.78396E-06		307	1.26E-05
18.13305	44	4.30E-03	3.63E-03	8.70E-01	37	32	0.0022737	211	192.5	0.012911	8	7	0.000514	4	3.5	2.97747E-07	55	57	3.76E-06	84	101.5	4.8993E-06	239	258.5	1.66E-05
18.19972	48	6.78E-03	5.54E-03	1.33E+00		32	0.0026478		192.5	0.015928		7	0.000579		3.5	2.89606E-07		57	4.72E-06		101.5	8.39656E-06		258.5	2.14E-05
18.26639	52	1.20E-02	9.38E-03	2.25E+00		32	0.0044807		192.5	0.026854		7	0.00096		3.5	4.90072E-07		57	7.98E-06		101.5	1.42121E-05		258.5	3.62E-05
18.33306	56	2.98E-02	2.09E-02	5.01E+00		32	0.0099773		192.5	0.06002		7	0.002183		3.5	1.09127E-06		57	1.78E-05		101.5	3.16469E-05		258.5	8.06E-05
18.39972	60	8.94E-02	5.96E-02	1.43E+01	27	32	0.0284815	174	166.5	0.171334	6	7	0.00823	3	2	3.11516E-06	59	70.5	5.07E-05	119	102	9.03397E-05	278	310	0.00023
18.46639	64	0.1535296	1.21E-01	2.92E+01		32	0.0580371		166.5	0.301974		7	0.012696		2	3.62732E-06		70.5	0.000128		102	0.000184993		310	0.000562
18.53306	68	0.2071043	1.80E-01	4.33E+01		32	0.0861418		166.5	0.448206		7	0.018844		2	5.38386E-06		70.5	0.00019		102	0.000274577		310	0.000834
18.59972	72	0.2471849	2.27E-01	5.45E+01		32	0.1085125		166.5	0.564604		7	0.023737		2	6.78203E-06		70.5	0.000239		102	0.000345884		310	0.001051
18.66639	76	0.2832091	2.65E-01	6.36E+01	37	37.5	0.126691	159	138	0.659189	8	7	0.027714	1	3.5	7.91819E-06	82	65.5	0.000279	85	81.5	0.000403828	342	325.5	0.001227
18.73306	80	0.3245751	3.04E-01	7.29E+01		37.5	0.1701289		138	0.626074		7	0.031757		3.5	1.58787E-05		65.5	0.000297		81.5	0.000369747		325.5	0.001477
18.79972	84	0.3749623	3.50E-01	8.39E+01		37.5	0.1958121		138	0.720589		7	0.036552		3.5	1.82758E-05		65.5	0.000342		81.5	0.000425565		325.5	0.0017
18.86639	88	0.4249142	4.00E-01	9.60E+01		37.5	0.2238987		138	0.823947		7	0.041794		3.5	2.08972E-05		65.5	0.000391		81.5	0.000486606		325.5	0.001943
18.93306	92	0.4775379	4.51E-01	1.08E+02	38	29	0.2526113	117	110.5	0.92961	6	5.5	0.047154	6	8	2.35771E-05	49	36	0.000441	78	66	0.000549009	309	264	0.002193
18.99972	96	0.5299711	5.04E-01	1.21E+02		29	0.2180943		110.5	0.831014		5.5	0.041363		8	6.01639E-05		36	0.000271		66	0.000496352		264	0.001985
19.06639	100	0.5794684	5.55E-01	1.33E+02		29	0.2401629		110.5	0.915104		5.5	0.045548		8	6.62518E-05		36	0.000298		66	0.000546578		264	0.002186
19.13305	104	0.6241943	6.02E-01	1.44E+02	20	28	0.2605593	104	111	0.992821	5	6	0.049416	10	7.5	7.18784E-05	23	37	0.000323	54	50	0.000592997	219	258	0.002372
19.19972	108	0.6625539	6.43E-01	1.54E+02		28	0.268936		111	1.066139		6	0.057629		7.5	7.20364E-05		37	0.000355		50	0.000480243		258	0.002478
19.26639	112	0.6949291	6.79E-01	1.63E+02		28	0.2837199		111	1.124747		6	0.060797		7.5	7.59964E-05		37	0.000375		50	0.000506643		258	0.002614
19.33306	116	0.7211325	7.08E-01	1.70E+02		28	0.2959631		111	1.173282		6	0.063421		7.5	7.92758E-05		37	0.000391		50	0.000528505		258	0.002727
19.39972	120	0.7418323	7.31E-01	1.76E+02	36	35	0.305766	118	142.5	1.212144	7	8	0.065521	5	5	8.19016E-05	51	53	0.000404	46	51.5	0.000546011	297	258	0.002817
19.46639	124	0.758301	7.50E-01	1.80E+02		35	0.391918		142.5	1.595666		8	0.089581		5	5.59883E-05		53	0.000593		51.5	0.000576879		258	0.002889
19.53306	128	0.7715733	7.65E-01	1.84E+02		35	0.399688		142.5	1.627301		8	0.091357		5	5.70983E-05		53	0.000605		51.5	0.000588112		258	0.002946
19.59972	132	0.8210748	7.96E-01	1.91E+02		35	0.416088		142.5	1.694073		8	0.095106		5	5.94411E-05		53	0.00063		51.5	0.000612244		258	0.003067
19.66639	136	0.9258977	8.73E-01	2.10E+02	34	29.5	0.4564061	167	126.5	1.858225	9	8	0.104321	5	4	6.52009E-05	55	56.5	0.000691	57	60.5	0.000671569	219	235.5	0.003384
19.73306	140	0.9946938	9.60E-01	2.30E+02		29.5	0.4229162		126.5	1.813522		8	0.114689		4	5.73446E-05		56.5	0.00081		60.5	0.000867337		235.5	0.003376
19.79972	144	1.046896	1.02E+00	2.45E+02		29.5	0.4495602		126.5	1.927775		8	0.121915		4	6.09573E-05		56.5	0.000861		60.5	0.000921979		235.5	0.003589
19.86639	148	1.096966	1.07E+00	2.57E+02		29.5	0.4720806		126.5	2.024346		8	0.128022		4	6.40109E-05		56.5	0.000904		60.5	0.000968165		235.5	0.003769
19.93306	152	1.148278	1.12E+00	2.69E+02	25	27.5	0.494405	86	107.5	2.120076	7	8	0.134076	3	3	6.7038E-05	58	59.5	0.000947	64	64.5	0.001013949	252	277	0.003947
19.99972	156	1.198481	1.17E+00	2.82E+02		27.5	0.4817243		107.5	1.883104		8	0.140138		3	5.25517E-05		59.5	0.001042		64.5	0.001129862		277	0.004852
20.06639	160	1.243683	1.22E+00	2.93E+02		27.5	0.5013082		107.5	1.959659		8	0.145835		3	5.46882E-05		59.5	0.001085		64.5	0.001175796		277	0.00505
20.13305	164	1.282086	1.26E+00	3.03E+02		27.5	0.51847		107.5	2.026746		8	0.150828		3	5.65604E-05		59.5	0.001122		64.5	0.001216046		277	0.005222
20.19972	168	1.312811	1.30E+00	3.11E+02	30	40.5	0.5326601	129	118	2.082217	9	9.5	0.154956	3	4	5.81084E-05	61	54	0.001152	65	64	0.00124933	302	269	0.005365
20.26639	172	1.336718	1.32E+00	3.18E+02		40.5	0.6009788		118	2.333716		9.5	0.187884		4	7.9109E-05		54	0.001068		64	0.001285744		269	0.00532
20.33306	176	1.354844	1.35E+00	3.23E+02		40.5	0.6136858		118	2.370739		9.5	0.190865		4	8.0364E-05		54	0.001085		64	0.001285824		269	0.005404
20.39972	180	1.36835	1.36E+00	3.27E+02	51	47	0.8232485	107	114	2.3986	10	9	0.193108	5	7	8.13085E-05	47	48	0.001098	63	102.5	0.001300936	236	271	0.005466
20.46639	184	1.378307	1.37E+00	3.30E+02		47	0.9636063		114	2.337258		9	0.18452		7	0.000143516		48	0.000984		102.5	0.002101482		271	0.005556
20.53306	188	1.38544	1.38E+00	3.32E+02		47	0.9696019		114	2.3518		9	0.185668		7	0.000144409		48	0.00099		102.5	0.002114557		271	0.005591
20.59972	192	1.366437	1.38E+00	3.30E+02		47	0.9654376		114	2.3417		9	0.184871		7	0.000143789		48	0.000986		102.5	0.002105476		271	0.005567
20.66639	196	1.317129	1.34E+00	3.22E+02		47	0.9414721		114	2.283571		9	0.180282	9	7	0.000140219	49	42	0.000962	142	140.5	0.00205321	306	294	0.005428
20.73306	200	1.285756	1.30E+00	3.12E+02		47	0.9131669		114	2.214915		9	0.174862		7	0.000136004		42	0.000816		140.5	0.002729786		294	0.005712
20.79972	204	1.260828	1.27E+00	3.06E+02		47	0.8934149		114	2.167006		9	0.171079		7	0.000133062		42	0.000798		140.5	0.00267074		294	0.005589
20.86639	208	1.235821	1.25E+00	3.00E+02		47	0.8758963		114	2.124514		9	0.167725		7	0.000130453		42	0.000783		140.5	0.002618371		294	0.005479
20.93306	212	1.210987	1.22E+00	2.94E+02		47	0.8584106		114	2.082102		9	0.164376		7	0.000127848		42	0.000767		140.5	0.0025661		294	0.00537
20.99972	216	1.187933	1.20E+00	2.88E+02		47	0.8416101		114	2.041352		9	0.161159		7	0.000125346		42	0.000752		140.5	0.002515877		294	0.005265
21.06639	220	1.167683	1.18E+00	2.83E+02		47	0.8264178		114	2.004503		9	0.15825		7	0.000123084		42	0.000739		140.5	0.002470462		294	0.00517
21.13305	224	1.150642	1.16E+00	2.78E+02		47	0.8133351		114	1.97277		9	0.155745	5	4	0.000121135	35	37.5	0.000727	139	120.5	0.002431353	282	252.5	0.005088
21.19972	228	1.13676	1.14E+00	2.74E+02		47	0.8024864		114	1.946456		9	0.153668		4	6.82967E-05		37.5	0.00064		120.5	0.002057439		252.5	0.004311
21.26639	232	1.125978	1.13E+00	2.72E+02		47	0.7938336		114	1.925469		9	0.152011		4	6.75603E-05		37.5	0.000633		120.5	0.002035254		252.5	0.004265
21.33306	236	1.117789	1.12E+00	2.69E+02		47	0.787178		114	1.909325		9	0.150736		4	6.69939E-05		37.5	0.000628		120.5	0.00201819		252.5	0.004229
21.39972	240	1.111847	1.11E+00	2.68E+02	43	48	0.7821503	121	91	1.89713	8	9	0.149773	3	4	6.6566E-05	40	37.5	0.000624	102	120.5	0.0020053	223	252.5	0.004202

Conduit CSO 1027

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
1.55E+04	7.53	41.01	101.57	8.34	0.00	0.04	0.09	0.25

Conduit CSO

Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
21.46639	244	1.107036	1.11E+00	2.66E+02		48	0.794939		91	1.507072		9	0.149051		4	6.62449E-05		37.5	0.000621		120.5	0.001995628		252.5	0.004182
21.53306	248	1.10373	1.11E+00	2.65E+02		48	0.7921024		91	1.501694		9	0.148519		4	6.60085E-05		37.5	0.000619		120.5	0.001988507		252.5	0.004167
21.59972	252	1.101429	1.10E+00	2.65E+02		48	0.7900935		91	1.497886		9	0.148143		4	6.58411E-05		37.5	0.000617		120.5	0.001983464		252.5	0.004156
21.66639	256	1.099985	1.10E+00	2.64E+02		48	0.7887517		91	1.495342		9	0.147891	5	5	6.57293E-05	35	35	0.000616	139	139	0.001980095	282	282	0.004149
21.73306	260	1.099058	1.10E+00	2.64E+02		48	0.7879021		91	1.493731		9	0.147732		5	8.20731E-05		35	0.000575		139	0.002281833		282	0.004629
21.79972	264	1.098599	1.10E+00	2.64E+02		48	0.7874056		91	1.49279		9	0.147639		5	8.20214E-05		35	0.000574		139	0.002280195		282	0.004626
21.86639	268	1.098554	1.10E+00	2.64E+02		48	0.787225		91	1.492447		9	0.147605		5	8.20026E-05		35	0.000574		139	0.002279672		282	0.004625
21.93306	272	1.098598	1.10E+00	2.64E+02		48	0.7872246		91	1.492447		9	0.147605	5	5	8.20026E-05	35	35	0.000574	139	139	0.002279671	282	282	0.004625
21.99972	276	1.099041	1.10E+00	2.64E+02		48	0.7873991		91	1.492777		9	0.147637		5	8.20207E-05		35	0.000574		139	0.002280177		282	0.004626
22.06639	280	1.099066	1.09E+00	2.63E+02		48	0.7843421		91	1.486962		9	0.147064		5	8.17023E-05		35	0.000572		139	0.002271324		282	0.004608
22.13305	284	0.9711015	1.03E+00	2.47E+02		48	0.7385023		91	1.400077		9	0.138469	5	4	7.69273E-05	35	33.5	0.000538	139	96	0.00213858	282	215	0.004339
22.19972	288	0.859419	9.15E-01	2.20E+02		48	0.655863		91	1.243407		9	0.122974		4	5.46553E-05		33.5	0.000458		96	0.001311726		215	0.002938
22.26639	292	0.7600089	8.20E-01	1.97E+02		48	0.5873959		91	1.113805		9	0.110137		4	4.89497E-05		33.5	0.00041		96	0.001174792		215	0.002631
22.33306	296	0.712194	7.46E-01	1.79E+02		48	0.5346461		91	1.0136		9	0.100246		4	4.45538E-05		33.5	0.000373		96	0.001069292		215	0.002395
22.39972	300	0.6482807	6.80E-01	1.63E+02	53	53	0.4874488	61	61	0.924122	10	10	0.091397	3	4	4.06207E-05	32	29.5	0.00034	53	65	0.000974898	148	171	0.002183
22.46639	304	0.5904615	6.19E-01	1.49E+02		53	0.4900655		61	0.564038		10	0.092465		4	3.89861E-05		29.5	0.000273		65	0.000801024		171	0.001581
22.53306	308	0.5400516	5.65E-01	1.36E+02		53	0.4472484		61	0.514758		10	0.084388		4	3.37546E-05		29.5	0.000249		65	0.000548512		171	0.001443
22.59972	312	0.4964041	5.18E-01	1.24E+02		53	0.4100378		61	0.47193		10	0.077366		4	3.09463E-05		29.5	0.000228		65	0.000502877		171	0.001323
22.66639	316	0.45947	4.78E-01	1.15E+02		53	0.3781585		61	0.435239		10	0.071351	5	5	2.85403E-05	27	27	0.00021	77	77	0.000463779	194	194	0.00122
22.73306	320	0.4282693	4.44E-01	1.07E+02		53	0.3512033		61	0.404215		10	0.066265		5	3.31324E-05		27	0.000179		77	0.000510239		194	0.001286
22.79972	324	0.4019484	4.15E-01	9.96E+01		53	0.3284469		61	0.378024		10	0.061971		5	3.09856E-05		27	0.000167		77	0.000477178		194	0.001202
22.86639	328	0.3789751	3.90E-01	9.37E+01		53	0.3089454		61	0.355579		10	0.058292		5	2.91458E-05		27	0.000157		77	0.000448845		194	0.001131
22.93306	332	0.3576723	3.68E-01	8.84E+01		53	0.2914291		61	0.335418		10	0.054987		5	2.74933E-05		27	0.000148		77	0.000423397		194	0.001067
22.99972	336	0.3414613	3.50E-01	8.39E+01		53	0.276588		61	0.318337		10	0.052186		5	2.60932E-05		27	0.000141		77	0.000401835		194	0.001012
23.06639	340	0.326897	3.34E-01	8.02E+01		53	0.2644128		61	0.304324		10	0.049689		5	2.49446E-05		27	0.000135		77	0.000384147		194	0.000968
23.13305	344	0.2926869	3.10E-01	7.44E+01		53	0.2451169		61	0.282116		10	0.046248	5	5	2.31242E-05	27	27	0.000125	77	77	0.000358113	194	194	0.000897
23.19972	348	0.2581642	2.75E-01	6.61E+01		53	0.2179252		61	0.25082		10	0.041118		5	2.0559E-05		27	0.000111		77	0.000316606		194	0.000798
23.26639	352	0.2326636	2.45E-01	5.89E+01		53	0.194179		61	0.223489		10	0.036638		5	1.83188E-05		27	9.89E-05		77	0.000282109		194	0.000711
23.33306	356	0.2128519	2.23E-01	5.35E+01		53	0.1762528		61	0.202857		10	0.033255		5	1.66276E-05		27	8.98E-05		77	0.000256065		194	0.000645
23.39972	360	0.1958431	2.04E-01	4.90E+01		53	0.161686		61	0.186091		10	0.030507		5	1.52534E-05		27	8.24E-05		77	0.000234902		194	0.000592
23.46639	364	0.1807486	1.88E-01	4.52E+01		53	0.1489855		61	0.171474		10	0.02811		5	1.40552E-05		27	7.59E-05		77	0.000216451		194	0.000545
23.53306	368	0.1670597	1.74E-01	4.17E+01		53	0.1375983		61	0.158368		10	0.025962		5	1.2981E-05		27	7.01E-05		77	0.000199907		194	0.000504
23.59972	372	0.1544923	1.61E-01	3.86E+01		53	0.1272109		61	0.146413		10	0.024002		5	1.2001E-05		27	6.48E-05		77	0.000184816		194	0.000466
23.66639	376	0.1432444	1.49E-01	3.57E+01		53	0.1177892		61	0.135569		10	0.022224		5	1.11122E-05		27	6E-05		77	0.000171128		194	0.000431
23.73306	380	0.1332737	1.38E-01	3.32E+01		53	0.1093948		61	0.125907		10	0.020641		5	1.03203E-05		27	5.57E-05		77	0.000158932		194	0.0004
23.79972	384	0.1246877	1.29E-01	3.10E+01		53	0.1020535		61	0.117458		10	0.019255		5	9.62789E-06		27	5.2E-05		77	0.000148266		194	0.000374
23.86639	388	0.1178677	1.21E-01	2.91E+01		53	0.0958795		61	0.110352		10	0.01809		5	9.04524E-06		27	4.88E-05		77	0.000139297		194	0.000351
23.93306	392	0.1119097	1.15E-01	2.75E+01		53	0.0908244		61	0.104534		10	0.017137		5	8.56834E-06		27	4.63E-05		77	0.000131952		194	0.000332
23.99972	396	0.1070314	1.09E-01	2.63E+01		53	0.0866165		61	0.099691		10	0.016343		5	8.17137E-06		27	4.41E-05		77	0.000125839		194	0.000317
24.06639	400	0.1021563	1.05E-01	2.51E+01		53	0.0827579		61	0.09525		10	0.015615		5	7.80735E-06		27	4.22E-05		77	0.000120233		194	0.000303
24.13305	404	8.81E-02	9.51E-02	2.28E+01		53	0.0752779		61	0.086641		10	0.014203		5	7.10169E-06		27	3.83E-05		77	0.000109366		194	0.000276
24.19972	408	6.54E-02	7.68E-02	1.84E+01		53	0.0607437		61	0.079913		10	0.011461		5	5.73054E-06		27	3.09E-05		77	8.82503E-05		194	0.000222
24.26639	412	5.13E-02	5.84E-02	1.40E+01		53	0.046191		61	0.069913		10	0.008715		5	4.35764E-06		27	2.35E-05		77	6.71076E-05		194	0.000169
24.33306	416	4.06E-02	4.60E-02	1.10E+01		53	0.0363669		61	0.053163		10	0.006862		5	3.43084E-06		27	1.85E-05		77	5.28349E-05		194	0.000133
24.39972	420	3.21E-02	3.63E-02	8.72E+00		53	0.0287394		61	0.041856		10	0.005423		5	2.71126E-06		27	1.46E-05		77	4.17534E-05		194	0.000105
24.46639	424	2.49E-02	2.85E-02	6.84E+00		53	0.0225464		61	0.033077		10	0.004254		5	2.12702E-06		27	1.15E-05		77	3.27562E-05		194	8.25E-05
24.53306	428	1.89E-02	2.19E-02	5.27E+00		53	0.017358		61	0.02595		10	0.003275		5	1.63755E-06		27	8.84E-06		77	2.52183E-05		194	6.35E-05
24.59972	432	1.39E-02	1.64E-02	3.94E+00		53	0.0129943		61	0.019978		10	0.002452		5	1.22587E-06		27	6.62E-06		77	1.88785E-05		194	4.76E-05
24.66639	436	9.72E-03	1.18E-02	2.83E+00		53	0.0093451		61	0.014956		10	0.001763		5	8.81617E-07		27	4.76E-06		77	1.35769E-05		194	3.42E-05
24.73306	440	6.39E-03	8.05E-03	1.93E+00		53	0.0063721		61	0.010756		10	0.001202		5	6.01146E-07		27	3.25E-06		77	9.25785E-06		194	2.33E-05
24.79972	444	3.86E-03	5.12E-03	1.23E+00		53	0.0040522		61	0.007334		10	0.000765		5	3.82282E-07		27	2.06E-06		77	5.88714E-06		194	1.48E-05
24.86639	448	1.94E-03	2.90E-03	6.96E-01		53	0.0022935		61	0.004664		10	0.000433		5	2.16364E-07		27	1.17E-06		77	3.332E-06		194	8.39E-06
24.93306	452	5.70E-04	1.26E-03	3.01E-01		53	0.0009932		61	0.00264		10	0.000187		5	9.36984E-08		27	5.06E-07		77	1.44296E-06		194	3.64E-06
	456		2.85E-04	6.84E-02		53	0.0002254		61	0.001143		10	4.25E-05		5	2.12599E-08		27	1.15E-07		77	3.27402E-07		194	8.25E-07
	460		0.00E+00	0.00E+00		53	0		61	0.000259		10	0		5	0		27	0		77	0		194	0
	464		0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0

Conduit CSO 1026

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
3.46E+04	5.87	84.91	253.93	18.21	0.01	0.10	0.19	0.57

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
18.39972	0	5.75E-03			91	80	-	1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
18.46639	4	5.36E-02	2.97E-02	7.12E+00		80	0.03542866		761.5	0.337237		36.5	0.016164		7.5	3.32144E-06		172.5	7.64E-05		283.5	0.000126		639	0.000283
18.53306	8	0.1025124	7.80E-02	1.87E+01		80	0.0932096		761.5	0.887239		36.5	0.042527		7.5	8.7384E-06		172.5	0.000201		283.5	0.00033		639	0.000745
18.59972	12	0.1319131	1.17E-01	2.81E+01		80	0.13998844		761.5	1.332515		36.5	0.06387		7.5	1.31239E-05		172.5	0.000302		283.5	0.000496		639	0.001118
18.66639	16	0.1489614	1.39E-01	3.35E+01	69	58	0.16653139	451	358.5	1.585171	24	17.5	0.07598	4	5.5	1.56123E-05	130	107	0.000359	198	147.5	0.00059	446	410.5	0.00133
18.73306	20	0.1558142	1.51E-01	3.63E+01		58	0.13108295		358.5	0.810228		17.5	0.039551		5.5	1.24303E-05		107	0.000242		147.5	0.000333		410.5	0.000928
18.79972	24	0.1621632	1.59E-01	3.82E+01		58	0.13766438		358.5	0.850908		17.5	0.041537		5.5	1.30544E-05		107	0.000254		147.5	0.00035		410.5	0.000974
18.86639	28	0.1670917	1.65E-01	3.95E+01	47	42	0.14254683	266	238.5	0.881087	11	9.5	0.04301	7	5.5	1.35174E-05	84	69.5	0.000263	97	90.5	0.000363	375	307	0.001009
18.93306	32	0.1707835	1.69E-01	4.05E+01		42	0.10592609		238.5	0.601509		9.5	0.023959		5.5	1.38713E-05		69.5	0.000175		90.5	0.000228		307	0.000774
18.99972	36	0.1734596	1.72E-01	4.13E+01		42	0.10792247		238.5	0.612845		9.5	0.024411		5.5	1.41327E-05		69.5	0.000179		90.5	0.000233		307	0.000789
19.06639	40	0.1763963	1.75E-01	4.20E+01		42	0.10968212		238.5	0.622838		9.5	0.024809		5.5	1.43631E-05		69.5	0.000181		90.5	0.000236		307	0.000802
19.13305	44	0.1800944	1.78E-01	4.28E+01	37	32	0.11176217	211	192.5	0.634649	8	7	0.02528	4	3.5	1.46355E-05	55	57	0.000185	84	101.5	0.000241	239	258.5	0.000817
19.19972	48	0.1843353	1.82E-01	4.37E+01		32	0.08704845		192.5	0.523651		7	0.019042		3.5	9.52092E-06		57	0.000155		101.5	0.000276		258.5	0.000703
19.26639	52	0.1892407	1.87E-01	4.48E+01		32	0.08923316		192.5	0.536793		7	0.01952		3.5	9.75988E-06		57	0.000159		101.5	0.000283		258.5	0.000721
19.33306	56	0.1927456	1.91E-01	4.58E+01		32	0.09124206		192.5	0.548878		7	0.019959		3.5	9.9796E-06		57	0.000163		101.5	0.000289		258.5	0.000737
19.39972	60	0.194445	1.94E-01	4.65E+01	27	32	0.09246517	174	166.5	0.556356	6	7	0.020231	3	2	1.01156E-05	59	70.5	0.000165	119	102	0.000293	276	310	0.000747
19.46639	64	0.1954417	1.95E-01	4.68E+01		32	0.09312917		166.5	0.484563		7	0.020372		2	5.82057E-06		70.5	0.000205		102	0.000297		310	0.000902
19.53306	68	0.1962092	1.96E-01	4.70E+01		32	0.09355057		166.5	0.486755		7	0.020464		2	5.84691E-06		70.5	0.000206		102	0.000298		310	0.000906
19.59972	72	0.2064276	2.01E-01	4.83E+01		32	0.09617468		166.5	0.500409		7	0.021038		2	6.01092E-06		70.5	0.000212		102	0.000307		310	0.000932
19.66639	76	0.2678887	2.37E-01	5.69E+01	37	37.5	0.1132962	159	138	0.589494	8	7	0.024784	1	3.5	7.08101E-06	82	65.5	0.00025	85	81.5	0.000361	342	325.5	0.001096
19.73306	80	0.3555334	3.12E-01	7.48E+01		37.5	0.17450617		138	0.642183		7	0.032574		3.5	1.62872E-05		65.5	0.000305		81.5	0.000379		325.5	0.001515
19.79972	84	0.4255394	3.91E-01	9.37E+01		37.5	0.21863521		138	0.804578		7	0.040812		3.5	2.0408E-05		65.5	0.000382		81.5	0.000475		325.5	0.001898
19.86639	88	0.4744733	4.50E-01	1.08E+02		37.5	0.25192846		138	0.927097		7	0.047027		3.5	2.35133E-05		65.5	0.00044		81.5	0.000548		325.5	0.002187
19.93306	92	0.5261139	5.00E-01	1.20E+02	38	29	0.28006093	117	110.5	1.030698	6	5.5	0.052282	6	8	2.61409E-05	49	36	0.000489	78	66	0.000609	309	264	0.002431
19.99972	96	0.6624334	5.94E-01	1.43E+02		29	0.25728342		110.5	0.980339		5.5	0.048795		8	7.09747E-05		36	0.000319		66	0.000586		264	0.002342
20.06639	100	1.241154	9.52E-01	2.28E+02		29	0.41206729		110.5	1.570118		5.5	0.078151		8	0.000113674		36	0.000512		66	0.000938		264	0.003751
20.13305	104	2.120837	1.68E+00	4.03E+02	20	28	0.72776618	104	111	2.77304	5	6	0.138025	10	7.5	0.000200763	23	37	0.000903	54	50	0.001858	219	258	0.006625
20.19972	108	2.88518	2.50E+00	6.01E+02		28	1.0462794		111	4.14775		6	0.224203		7.5	0.000280253		37	0.001383		50	0.001868		258	0.009641
20.26639	112	3.464486	3.17E+00	7.62E+02		28	1.32710791		111	5.261035		6	0.28438		7.5	0.000355475		37	0.001754		50	0.00237		258	0.012228
20.33306	116	3.8285	3.65E+00	8.75E+02		28	1.52426591		111	6.042626		6	0.326628		7.5	0.000408286		37	0.002014		50	0.002722		258	0.014045
20.39972	120	4.037637	3.93E+00	9.44E+02	36	35	1.64405697	118	142.5	6.517512	7	8	0.352298	5	5	0.000440372	51	53	0.002173	46	51.5	0.002936	297	258	0.015149
20.46639	124	4.15381	4.10E+00	9.83E+02		35	2.14006022		142.5	8.713102		8	0.469157		5	0.000305723		53	0.003241		51.5	0.003149		258	0.015775
20.53306	128	4.220393	4.19E+00	1.00E+03		35	2.18780622		142.5	8.907497		8	0.50007		5	0.000312544		53	0.003313		51.5	0.003219		258	0.016127
20.59972	132	4.172112	4.20E+00	1.01E+03		35	2.19258772		142.5	8.926964		8	0.501163		5	0.000313227		53	0.00332		51.5	0.003228		258	0.016163
20.66639	136	3.96396	4.07E+00	9.76E+02	34	29.5	2.1255932	167	126.5	8.654201	9	8	0.48585	5	4	0.000303656	55	56.5	0.003219	57	60.5	0.003128	219	235.5	0.015669
20.73306	140	3.77484	3.87E+00	9.29E+02		29.5	1.70404767		126.5	7.307187		8	0.462115		4	0.000231057		56.5	0.003264		60.5	0.003495		235.5	0.013603
20.79972	144	3.658994	3.72E+00	8.92E+02		29.5	1.63689384		126.5	7.019223		8	0.443903		4	0.000221952		56.5	0.003135		60.5	0.003357		235.5	0.013067
20.86639	148	3.596072	3.63E+00	8.71E+02		29.5	1.59757299		126.5	6.85061		8	0.43324		4	0.00021662		56.5	0.00306		60.5	0.003276		235.5	0.012754
20.93306	152	3.560871	3.58E+00	8.59E+02	25	27.5	1.57592216	86	107.5	6.757768	7	8	0.427369	3	3	0.000213684	58	59.5	0.003018	64	64.5	0.003232	252	277	0.012581
20.99972	156	3.5403	3.55E+00	8.52E+02		27.5	1.45763154		107.5	5.698014		8	0.424038		3	0.000159014		59.5	0.003154		64.5	0.003419		277	0.014682
21.06639	160	3.532449	3.54E+00	8.49E+02		27.5	1.45183835		107.5	5.675368		8	0.422353		3	0.000158382		59.5	0.003141		64.5	0.003405		277	0.014624
21.13305	164	3.528895	3.53E+00	8.47E+02		27.5	1.44949722		107.5	5.666216		8	0.421672		3	0.000158127		59.5	0.003136		64.5	0.0034		277	0.0146
21.19972	168	3.527403	3.53E+00	8.47E+02	30	40.5	1.44846142	129	118	5.662167	9	9.5	0.421371	3	4	0.000158014	61	54	0.003134	65	64	0.003397	302	269	0.01459
21.26639	172	3.527376	3.53E+00	8.47E+02		40.5	2.13273003		118	6.21388		9.5	0.50027		4	0.00021064		54	0.002844		64	0.00337		269	0.014166
21.33306	176	3.529462	3.53E+00	8.47E+02		40.5	2.13335249		118	6.215694		9.5	0.500416		4	0.000210701		54	0.002844		64	0.003371		269	0.01417
21.39972	180	3.531586	3.53E+00	8.47E+02	51	47	2.13462461	107	114	6.2194	10	9	0.500714	5	7	0.000210827	47	48	0.002846	63	102.5	0.003373	236	271	0.014178
21.46639	184	3.533015	3.53E+00	8.48E+02		47	2.47846517		114	6.011596		9	0.4746		7	0.000369133		48	0.002531		102.5	0.005405		271	0.014291
21.53306	188	3.534067	3.53E+00	8.48E+02		47	2.47933558		114	6.013708		9	0.474766		7	0.000369263		48	0.002532		102.5	0.005407		271	0.014296
21.59972	192	3.535125	3.53E+00	8.48E+02		47	2.48007583		114	6.015503		9	0.474908		7	0.000369373		48	0.002533		102.5	0.005409		271	0.0143
21.66639	196	3.535226	3.54E+00	8.48E+02		47	2.48048244		114	6.016489		9	0.474986	9	7	0.000369434	49	42	0.002533	142	140.5	0.00541	306	294	0.014302
21.73306	200	3.535252	3.54E+00	8.48E+02		47	2.480527		114	6.016597		9	0.474995		7	0.00036944		42	0.002217		140.5	0.007415		294	0.015516
21.79972	204	3.535247	3.54E+00	8.48E+02		47	2.48053436		114	6.016615		9	0.474996		7	0.000369441		42	0.002217		140.5	0.007415		294	0.015517
21.86639	208	3.534747	3.53E+00	8.48E+02		47	2.48035719		114	6.016186		9	0.474962		7	0.000369415		42	0.002216		140.5	0.007415		294	0.015515
21.93306	212	3.534069	3.53E+00	8.48E+02		47	2.47994392		114	6.015183		9	0.474883		7	0.000369353		42	0.002216		140.5	0.007413		294	0.015513
21.99972	216	3.533995	3.53E+00	8.48E+02		47	2.47968009		114	6.014543		9	0.474832		7	0.000369314		42	0.002216		140.5	0.007413		294	0.015511

Conduit CSO 1026

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
3.46E+04	5.87	84.91	253.93	18.21	0.01	0.10	0.19	0.57

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
22.06639	220	3.503927	3.52E+00	8.45E+02			47 2.46910541			114 5.988894			9 0.472607			7 0.000367739			42 0.002206			140.5 0.007381			294 0.015445
22.13305	224	3.012731	3.26E+00	7.82E+02			47 2.28623101			114 5.545326			9 0.437789	5		4 0.000340502	35		37.5 0.002043	139		120.5 0.006834	282		252.5 0.014301
22.19972	228	2.434591	2.72E+00	6.54E+02			47 1.9110772			114 4.635379			9 0.365951			4 0.000162645			37.5 0.001525			120.5 0.0049			252.5 0.010267
22.26639	232	1.969963	2.21E+00	5.31E+02			47 1.55226077			114 3.765058			9 0.297241			4 0.000132107			37.5 0.001239			120.5 0.00398			252.5 0.008339
22.33306	236	1.691519	1.84E+00	4.42E+02			47 1.29156975			114 3.132744			9 0.247322			4 0.000109921			37.5 0.001031			120.5 0.003311			252.5 0.006939
22.39972	240	1.50062	1.60E+00	3.83E+02	43		48 1.11989415	121		91 2.716339	8		9 0.214448	3		4 9.53101E-05	40		37.5 0.000894	102		120.5 0.002871	223		252.5 0.006016
22.46639	244	1.371467	1.44E+00	3.45E+02			48 1.02904923			91 1.950906			9 0.192947			4 8.57541E-05			37.5 0.000804			120.5 0.002563			252.5 0.005413
22.53306	248	1.284181	1.33E+00	3.19E+02			48 0.95150061			91 1.803887			9 0.178408			4 7.92917E-05			37.5 0.000743			120.5 0.002389			252.5 0.005005
22.59972	252	1.222893	1.25E+00	3.01E+02			48 0.89826756			91 1.702966			9 0.168425			4 7.48556E-05			37.5 0.000702			120.5 0.002255			252.5 0.004725
22.66639	256	1.182037	1.20E+00	2.89E+02			48 0.86167006			91 1.633583			9 0.161563	5		5 7.18058E-05	35		35 0.000673	139		139 0.002163	282		282 0.004533
22.73306	260	1.154093	1.17E+00	2.80E+02			48 0.83701849			91 1.586849			9 0.156941			5 8.71895E-05			35 0.00061			139 0.002424			282 0.004917
22.79972	264	1.134703	1.14E+00	2.75E+02			48 0.82006004			91 1.554697			9 0.153761			5 8.54229E-05			35 0.000598			139 0.002375			282 0.004818
22.86639	268	1.121132	1.13E+00	2.71E+02			48 0.80825033			91 1.532308			9 0.151547			5 8.41927E-05			35 0.000589			139 0.002341			282 0.004748
22.93306	272	1.111392	1.12E+00	2.68E+02			48 0.79989816			91 1.516474			9 0.149981	5		5 8.33227E-05	35		35 0.000583	139		139 0.002316	282		282 0.004699
22.99972	276	1.103813	1.11E+00	2.66E+02			48 0.79369288			91 1.504709			9 0.148817			5 8.26763E-05			35 0.000579			139 0.002298			282 0.004663
23.06639	280	1.094383	1.10E+00	2.64E+02			48 0.78759867			91 1.493156			9 0.147675			5 8.20415E-05			35 0.000574			139 0.002281			282 0.004627
23.13305	284	0.9982581	1.05E+00	2.51E+02			48 0.74977907			91 1.421456			9 0.140584	5		4 7.8102E-05	35		33.5 0.000547	139		96 0.002171	282		215 0.004405
23.19972	288	0.858308	9.28E-01	2.23E+02			48 0.665195			91 1.261099			9 0.124724			4 5.54329E-05			33.5 0.000464			96 0.00133			215 0.00298
23.26639	292	0.721912	7.90E-01	1.90E+02			48 0.56618208			91 1.073387			9 0.106159			4 4.71818E-05			33.5 0.000395			96 0.001132			215 0.002536
23.33306	296	0.6123644	6.67E-01	1.60E+02			48 0.47806216			91 0.906328			9 0.089637			4 3.98385E-05			33.5 0.000334			96 0.000956			215 0.002141
23.39972	300	0.5274045	5.70E-01	1.37E+02	53		53 0.40837144	61		61 0.774204	10		10 0.07657	3		4 3.4031E-05	32		29.5 0.000285	53		65 0.000817	148		171 0.001829
23.46639	304	0.4651259	4.96E-01	1.19E+02			53 0.39266032			61 0.45193			10 0.074087			4 2.96347E-05			29.5 0.000219			65 0.000482			171 0.001267
23.53306	308	0.4213996	4.43E-01	1.06E+02			53 0.35072314			61 0.403662			10 0.066174			4 2.64697E-05			29.5 0.000195			65 0.00043			171 0.001132
23.59972	312	0.3880191	4.05E-01	9.71E+01			53 0.32021851			61 0.368553			10 0.060419			4 2.41674E-05			29.5 0.000178			65 0.000393			171 0.001033
23.66639	316	0.361916	3.75E-01	9.00E+01			53 0.29668588			61 0.341469			10 0.055978	5		5 2.23914E-05	27		27 0.000165	77		77 0.000364	194		194 0.000957
23.73306	320	0.3413492	3.52E-01	8.44E+01			53 0.27822255			61 0.320218			10 0.052495			5 2.62474E-05			27 0.000142			77 0.000404			194 0.001018
23.79972	324	0.3247258	3.33E-01	7.99E+01			53 0.26350953			61 0.303285			10 0.049719			5 2.48594E-05			27 0.000134			77 0.000383			194 0.000965
23.86639	328	0.3089511	3.17E-01	7.60E+01			53 0.25069234			61 0.288533			10 0.0473			5 2.36502E-05			27 0.000128			77 0.000364			194 0.000918
23.93306	332	0.2949846	3.02E-01	7.25E+01			53 0.23892627			61 0.274991			10 0.04508			5 2.25402E-05			27 0.000122			77 0.000347			194 0.000875
23.99972	336	0.2813639	2.88E-01	6.92E+01			53 0.22801235			61 0.262429			10 0.043021			5 2.15106E-05			27 0.000116			77 0.000331			194 0.000835
24.06639	340	0.2670559	2.74E-01	6.58E+01			53 0.21696332			61 0.249713			10 0.040936			5 2.04682E-05			27 0.000111			77 0.000315			194 0.000794
24.13305	344	0.2068912	2.38E-01	5.71E+01			53 0.18821288			61 0.216622			10 0.035512	5		5 1.77559E-05	27		27 9.59E-05	77		77 0.000273	194		194 0.000689
24.19972	348	0.1207861	1.65E-01	3.95E+01			53 0.1303463			61 0.150021			10 0.024594			5 1.22968E-05			27 6.64E-05			77 0.000189			194 0.000477
24.26639	352	4.26E-02	8.17E-02	1.96E+01			53 0.0846208			61 0.074375			10 0.012193			5 6.0963E-06			27 3.29E-05			77 9.39E-05			194 0.000237
	356		2.13E-02	5.11E+00			53 0.01683596			61 0.019377			10 0.003177			5 1.5883E-06			27 8.58E-06			77 2.45E-05			194 6.16E-05
	360		0.00E+00	0.00E+00			53 0			61 0			10 0			5 0			27 0			77 0			194 0

Conduit CSO 1021

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
3.49E+02	2.47	0.84	4.70	0.21	0.00	0.00	0.00	0.01

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
20.13305	0	2.93E-03			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
20.19972	4	1.01E-02	6.52E-03	1.57E+00		80	0.007792		761.5	0.074174		36.5	0.003555		7.5	7.30542E-07		172.5	1.68E-05		283.5	2.76145E-05		639	6.22E-05
20.26639	8	1.91E-02	1.46E-02	3.50E+00		80	0.017422		761.5	0.165831		36.5	0.007949		7.5	1.63327E-06		172.5	3.76E-05		283.5	6.17376E-05		639	0.000139
20.33306	12	2.84E-02	2.37E-02	5.69E+00		80	0.028326		761.5	0.269628		36.5	0.012924		7.5	2.65556E-06		172.5	6.11E-05		283.5	0.00010038		639	0.000226
20.39972	16	3.71E-02	3.28E-02	7.86E+00	69	58	0.039123	451	358.5	0.3724	24	17.5	0.01785	4	5.5	3.66777E-06	130	107	8.44E-05	198	147.5	0.000138642	446	410.5	0.000312
20.46639	20	4.49E-02	4.10E-02	9.84E+00		58	0.035518		358.5	0.219537		17.5	0.010717		5.5	3.36806E-06		107	6.55E-05		147.5	9.03253E-05		410.5	0.000251
20.53306	24	5.15E-02	4.82E-02	1.16E+01		58	0.041728		358.5	0.25792		17.5	0.01259		5.5	3.95693E-06		107	7.7E-05		147.5	0.000106118		410.5	0.000295
20.59972	28	5.66E-02	5.41E-02	1.30E+01	47	42	0.046802	266	238.5	0.289283	11	9.5	0.014121	7	5.5	4.4361E-06	84	69.5	8.63E-05	97	90.5	0.000119022	375	307	0.000331
20.66639	32	5.94E-02	5.80E-02	1.39E+01		42	0.036382		238.5	0.208598		9.5	0.008229		5.5	4.76426E-06		69.5	6.02E-05		90.5	7.83937E-05		307	0.000286
20.73306	36	6.04E-02	5.99E-02	1.44E+01		42	0.037573		238.5	0.213363		9.5	0.008499		5.5	4.92033E-06		69.5	6.22E-05		90.5	8.09618E-05		307	0.000275
20.79972	40	6.00E-02	6.02E-02	1.45E+01		42	0.037754		238.5	0.214387		9.5	0.00854		5.5	4.94393E-06		69.5	6.25E-05		90.5	8.13501E-05		307	0.000276
20.86639	44	5.89E-02	5.94E-02	1.43E+01	37	32	0.037268	211	192.5	0.211632	8	7	0.00843	4	3.5	4.8804E-06	55	57	6.17E-05	84	101.5	8.03047E-05	239	258.5	0.000272
20.93306	48	5.72E-02	5.80E-02	1.39E+01		32	0.027729		192.5	0.166807		7	0.006066		3.5	3.03286E-06		57	4.94E-05		101.5	6.79529E-05		258.5	0.000224
20.99972	52	5.53E-02	5.63E-02	1.35E+01		32	0.026876		192.5	0.161674		7	0.005879		3.5	2.93952E-06		57	4.79E-05		101.5	6.52461E-05		258.5	0.000217
21.06639	56	5.33E-02	5.43E-02	1.30E+01		32	0.025945		192.5	0.156074		7	0.005675		3.5	2.8377E-06		57	4.62E-05		101.5	6.22934E-05		258.5	0.00021
21.13305	60	5.13E-02	5.23E-02	1.26E+01	27	32	0.024986	174	166.5	0.150308	6	7	0.005466	3	2	2.73288E-06	59	70.5	4.45E-05	119	102	7.92535E-05	278	310	0.000202
21.19972	64	4.95E-02	5.04E-02	1.21E+01		32	0.024076		166.5	0.12527		7	0.005267		2	1.50475E-06		70.5	5.3E-05		102	7.67421E-05		310	0.000233
21.26639	68	4.78E-02	4.87E-02	1.17E+01		32	0.023247		166.5	0.120955		7	0.005085		2	1.45292E-06		70.5	5.12E-05		102	7.40868E-05		310	0.000225
21.33306	72	4.64E-02	4.71E-02	1.13E+01		32	0.022497		166.5	0.117054		7	0.004921		2	1.40606E-06		70.5	4.96E-05		102	7.17089E-05		310	0.000218
21.39972	76	4.51E-02	4.57E-02	1.10E+01	37	37.5	0.021845	159	138	0.113661	8	7	0.004779	1	3.5	1.3653E-06	82	65.5	4.81E-05	85	81.5	6.96304E-05	342	325.5	0.000212
21.46639	80	4.40E-02	4.46E-02	1.07E+01		37.5	0.02495		138	0.091815		7	0.004657		3.5	2.32864E-06		65.5	4.36E-05		81.5	5.4224E-05		325.5	0.000217
21.53306	84	4.31E-02	4.36E-02	1.05E+01		37.5	0.024405		138	0.08981		7	0.004556		3.5	2.27779E-06		65.5	4.26E-05		81.5	5.304E-05		325.5	0.000212
21.59972	88	4.24E-02	4.28E-02	1.03E+01		37.5	0.023933		138	0.088074		7	0.004468		3.5	2.23375E-06		65.5	4.18E-05		81.5	5.20145E-05		325.5	0.000208
21.66639	92	4.17E-02	4.20E-02	1.01E+01	38	29	0.023529	117	110.5	0.086588	6	5.5	0.004392	6	8	2.19606E-06	49	36	4.11E-05	78	66	5.11369E-05	309	264	0.000204
21.73306	96	4.12E-02	4.14E-02	9.94E+00		29	0.017935		110.5	0.068337		5.5	0.003401		8	4.94746E-06		36	2.23E-05		66	4.06166E-05		264	0.000163
21.79972	100	4.07E-02	4.09E-02	9.82E+00		29	0.017712		110.5	0.06749		5.5	0.003359		8	4.88614E-06		36	2.2E-05		66	4.03106E-05		264	0.000161
21.86639	104	4.03E-02	4.05E-02	9.72E+00	20	28	0.017526	104	111	0.066779	5	6	0.003324	10	7.5	4.83467E-06	23	37	2.18E-05	54	50	3.9686E-05	219	258	0.00016
21.93306	108	4.00E-02	4.01E-02	9.63E+00		28	0.016774		111	0.066498		6	0.003594		7.5	4.49311E-06		37	2.22E-05		50	2.99541E-05		258	0.000155
21.99972	112	3.96E-02	3.98E-02	9.55E+00		28	0.016641		111	0.065968		6	0.003566		7.5	4.45728E-06		37	2.2E-05		50	2.97152E-05		258	0.000153
22.06639	116	3.93E-02	3.95E-02	9.48E+00		28	0.016508		111	0.065442		6	0.003537		7.5	4.42176E-06		37	2.18E-05		50	2.94784E-05		258	0.000152
22.13305	120	3.71E-02	3.82E-02	9.17E+00	36	35	0.015968	118	142.5	0.0633	7	8	0.003422	5	5	4.27702E-06	51	53	2.11E-05	46	51.5	2.85135E-05	297	258	0.000147
22.19972	124	3.25E-02	3.48E-02	8.35E+00		35	0.016176		142.5	0.074003		8	0.004155		5	2.59658E-06		53	2.75E-05		51.5	2.67448E-05		258	0.000134
22.26639	128	2.67E-02	2.96E-02	7.11E+00		35	0.015481		142.5	0.063029		8	0.003538		5	2.21154E-06		53	2.34E-05		51.5	2.27886E-05		258	0.000114
22.33306	132	2.07E-02	2.37E-02	5.69E+00		35	0.012396		142.5	0.050471		8	0.002833		5	1.7709E-06		53	1.88E-05		51.5	1.82403E-05		258	9.14E-05
22.39972	136	1.49E-02	1.78E-02	4.27E+00	34	29.5	0.009294	167	126.5	0.037838	9	8	0.002124	5	4	1.32766E-06	55	56.5	1.41E-05	57	60.5	1.36749E-05	219	235.5	6.85E-05
22.46639	140	9.68E-03	1.23E-02	2.95E+00		29.5	0.005407		126.5	0.023185		8	0.001466		4	7.33121E-07		56.5	1.04E-05		60.5	1.10685E-05		235.5	4.32E-05
22.53306	144	5.36E-03	7.52E-03	1.80E+00		29.5	0.003312		126.5	0.014203		8	0.000898		4	4.49101E-07		56.5	6.34E-06		60.5	6.79265E-06		235.5	2.64E-05
22.59972	148	2.09E-03	3.72E-03	8.94E-01		29.5	0.00164		126.5	0.007031		8	0.000445		4	2.22337E-07		56.5	3.14E-06		60.5	3.36284E-06		235.5	1.31E-05
	152		1.04E-03	2.50E-01	25	25	0.00046	86	86	0.001971	7	7	0.000125	3	3	6.23166E-08	58	58	8.8E-07	64	64	9.42538E-07	252	252	3.67E-06

Conduit CSO 1019

Summary Statistics

Total Discharge

Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.92E+05	9.07	819	1,839	163	0.09	0.74	1.75	4.52

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
24.66639	460	1.562283	1.63E+00	3.91E+02		53	1.288435899		61	1.482917		10	0.243101		5	0.000121551		27	0.000656373		77	0.001872		194	0.004716162
24.73306	464	1.44415	1.50E+00	3.61E+02		53	1.189391208		61	1.368922		10	0.224413		5	0.000112207		27	0.000605916		77	0.001728		194	0.004353621
24.79972	468	1.333945	1.39E+00	3.33E+02		53	1.099057178		61	1.264953		10	0.207369		5	0.000103685		27	0.000559897		77	0.001597		194	0.004022964
24.86639	472	1.231549	1.28E+00	3.08E+02		53	1.014948947		61	1.168149		10	0.1915		5	9.57499E-05		27	0.000517049		77	0.001475		194	0.003715096
24.93306	476	1.13606	1.18E+00	2.84E+02		53	0.936662593		61	1.078046		10	0.176729		5	8.83644E-05		27	0.000477168		77	0.001361		194	0.003428539
24.99972	480	1.044902	1.09E+00	2.62E+02		53	0.862822164		61	0.993059		10	0.162797		5	8.13983E-05		27	0.000439551		77	0.001254		194	0.003158255
25.06639	484	0.9173344	9.81E-01	2.35E+02		53	0.776290948		61	0.893467		10	0.14647		5	7.3235E-05		27	0.000395469		77	0.001128		194	0.002841518
25.13305	488	0.7547953	8.36E-01	2.01E+02		53	0.661520268		61	0.761372		10	0.124815		5	6.24078E-05		27	0.000337001		77	0.000961		194	0.002421414
25.19972	492	0.6072504	6.81E-01	1.63E+02		53	0.538846261		61	0.620182		10	0.101669		5	5.08346E-05		27	0.000274507		77	0.000783		194	0.001972381
25.26639	496	0.4887772	5.48E-01	1.32E+02		53	0.433605403		61	0.499055		10	0.081812		5	4.09062E-05		27	0.000220893		77	0.00063		194	0.001587159
25.33306	500	0.3840015	4.36E-01	1.05E+02		53	0.345284899		61	0.397403		10	0.065148		5	3.2574E-05		27	0.0001759		77	0.000502		194	0.001263872
25.39972	504	0.3010688	3.43E-01	8.22E+01		53	0.271032276		61	0.311943		10	0.051138		5	2.55691E-05		27	0.000138073		77	0.000394		194	0.00099206
25.46639	508	0.2353344	2.68E-01	6.44E+01		53	0.212217281		61	0.24425		10	0.040041		5	2.00205E-05		27	0.000108111		77	0.000308		194	0.000776795
25.53306	512	0.1820786	2.09E-01	5.01E+01		53	0.165135013		61	0.190061		10	0.031158		5	1.55788E-05		27	8.41254E-05		77	0.00024		194	0.000604456
25.59972	516	0.1385551	1.60E-01	3.85E+01		53	0.125647631		61	0.145994		10	0.023934		5	1.19668E-05		27	6.46205E-05		77	0.000184		194	0.00046431
25.66639	520	0.1031784	1.21E-01	2.90E+01		53	0.095633496		61	0.110069		10	0.018044		5	9.02203E-06		27	4.8719E-05		77	0.000139		194	0.00035005
25.73306	524	7.46E-02	8.69E-02	2.13E+01		53	0.070324602		61	0.08094		10	0.013269		5	6.6344E-06		27	3.58257E-05		77	0.000102		194	0.000257415
25.79972	528	5.19E-02	6.32E-02	1.52E+01		53	0.050023455		61	0.057574		10	0.009438		5	4.71919E-06		27	2.54836E-05		77	7.27E-05		194	0.000183105
25.86639	532	3.46E-02	4.32E-02	1.04E+01		53	0.034198139		61	0.03936		10	0.006452		5	3.22624E-06		27	1.74217E-05		77	4.97E-05		194	0.000125178
25.93306	536	2.16E-02	2.81E-02	6.75E+00		53	0.022240671		61	0.025598		10	0.004196		5	2.09816E-06		27	1.13302E-05		77	3.23E-05		194	8.14092E-05
25.99972	540	1.20E-02	1.68E-02	4.03E+00		53	0.01330078		61	0.015308		10	0.00251		5	1.25479E-06		27	6.77587E-06		77	1.93E-05		194	4.86859E-05
26.06639	544	4.87E-03	8.43E-03	2.02E+00		53	0.006867395		61	0.007674		10	0.001258		5	6.29E-07		27	3.3966E-06		77	9.69E-06		194	2.44052E-05

Conduit CSO 1019

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.92E+05	9.07	819	1,839	163	0.09	0.74	1.75	4.52

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
16.99972	0	2.19E-03			91	80		1072	781.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
17.06639	4	9.53E-02	4.87E-02	1.17E+01		80	0.058186516		781.5	0.553882		36.5	0.026549		7.5	5.45517E-06		172.5	0.000125469		283.5	0.000206		639	0.000464781
17.13305	8	0.3704814	2.33E-01	5.59E+01		80	0.278115354		781.5	2.647311		36.5	0.12689		7.5	2.60733E-05		172.5	0.000599686		283.5	0.000986		639	0.002221446
17.19972	12	0.7231428	5.47E-01	1.31E+02		80	0.653063518		781.5	6.216348		36.5	0.29796		7.5	6.12247E-05		172.5	0.001408188		283.5	0.002314		639	0.005216345
17.26639	16	1.056992	8.90E-01	2.14E+02	69	58	1.06301696	451	358.5	10.11859	24	17.5	0.485001	4	5.5	9.96578E-05	130	107	0.00229213	198	147.5	0.003767	446	410.5	0.008490648
17.33306	20	1.276515	1.17E+00	2.80E+02		58	1.01028295		358.5	8.24447		17.5	0.304821		5.5	9.58008E-05		107	0.001863761		147.5	0.002589		410.5	0.007150223
17.39972	24	1.472231	1.37E+00	3.30E+02		58	1.190035531		358.5	7.355851		17.5	0.359062		5.5	0.000112848		107	0.00219541		147.5	0.003026		410.5	0.008422579
17.46639	28	1.683313	1.58E+00	3.79E+02	47	42	1.366153686	268	238.5	8.444243	11	9.5	0.412202	7	5.5	0.000129549	84	69.5	0.002520318	97	90.5	0.003474	375	307	0.00966907
17.53306	32	1.929374	1.81E+00	4.34E+02		42	1.132801027		238.5	6.431556		9.5	0.256184		5.5	0.000148317		69.5	0.001874185		90.5	0.00244		307	0.008278774
17.59972	36	2.247454	2.09E+00	5.01E+02		42	1.309462925		238.5	7.435879		9.5	0.296188		5.5	0.000171477		69.5	0.002166849		90.5	0.002822		307	0.00957155
17.66639	40	2.655406	2.45E+00	5.88E+02		42	1.53707871		238.5	8.728411		9.5	0.347673		5.5	0.000201284		69.5	0.002543499		90.5	0.003312		307	0.011235313
17.73306	44	3.052845	2.85E+00	6.85E+02	37	32	1.789574062	211	192.5	10.16222	8	7	0.404785	4	3.5	0.000234349	55	57	0.002961319	84	101.5	0.003856	239	258.5	0.013080934
17.79972	48	3.420139	3.24E+00	7.77E+02		32	1.546150753		192.5	9.301063		7	0.33822		3.5	0.00016911		57	0.002754081		101.5	0.004904		258.5	0.012489999
17.86639	52	3.750089	3.59E+00	8.60E+02		32	1.712695941		192.5	10.30294		7	0.374652		3.5	0.000187326		57	0.00305074		101.5	0.005432		258.5	0.013835372
17.93306	56	4.008616	3.88E+00	9.31E+02		32	1.853260812		192.5	11.14852		7	0.405401		3.5	0.0002027		57	0.003301121		101.5	0.005878		258.5	0.014970872
17.99972	60	4.215528	4.11E+00	9.87E+02	27	32	1.964436563	174	166.5	11.81731	6	7	0.42972	3	2	0.00021486	59	70.5	0.003499153	119	102	0.006231	278	310	0.015868064
18.06639	64	4.370587	4.26E+00	1.03E+03		32	2.050897728		166.5	10.67108		7	0.448634		2	0.000128181		70.5	0.004518384		102	0.006537		310	0.019868072
18.13305	68	4.649399	4.51E+00	1.08E+03		32	2.154533079		166.5	11.2103		7	0.471304		2	0.000134658		70.5	0.004746706		102	0.006866		310	0.020872039
18.19972	72	5.122277	4.89E+00	1.17E+03		32	2.334063355		166.5	12.14453		7	0.510581		2	0.00014588		70.5	0.005142277		102	0.00744		310	0.022611432
18.26639	76	5.702188	5.41E+00	1.30E+03	37	37.5	2.585554779	159	138	13.45296	8	7	0.56559	1	3.5	0.000161597	82	65.5	0.0056963	85	81.5	0.008241	342	325.5	0.025047562
18.33306	80	6.297312	6.00E+00	1.44E+03		37.5	3.358858762		138	12.3606		7	0.626987		3.5	0.000313493		65.5	0.005866807		81.5	0.0073		325.5	0.029154804
18.39972	84	6.837973	6.57E+00	1.58E+03		37.5	3.676783792		138	13.53056		7	0.686333		3.5	0.000343166		65.5	0.006422116		81.5	0.007991		325.5	0.031914483
18.46639	88	7.310986	7.07E+00	1.70E+03		37.5	3.960528491		138	14.57474		7	0.739299		3.5	0.000369649		65.5	0.006917723		81.5	0.008606		325.5	0.034377387
18.53306	92	7.745018	7.53E+00	1.81E+03	38	29	4.214425407	117	110.5	15.50909	6	5.5	0.786693	6	8	0.000393346	49	38	0.007361196	78	66	0.009159	309	264	0.036581213
18.59972	96	8.170538	7.96E+00	1.91E+03		29	3.445221411		110.5	13.12748		5.5	0.653404		8	0.000950406		38	0.004276827		66	0.007841		264	0.031363395
18.66639	100	8.612881	8.39E+00	2.01E+03		29	3.633086678		110.5	13.84331		5.5	0.689034		8	0.001002231		38	0.004510039		66	0.008268		264	0.033073617
18.73306	104	9.068441	8.84E+00	2.12E+03	20	28	3.827454669	104	111	14.58392	5	6	0.725897	10	7.5	0.00105585	23	37	0.004751323	54	50	0.006711	219	258	0.034843036
18.79972	108	9.510675	9.29E+00	2.23E+03		28	3.883116338		111	15.39378		6	0.832096		7.5	0.00104012		37	0.005131261		50	0.006934		258	0.035780143
18.86639	112	9.905699	9.71E+00	2.33E+03		28	4.058106915		111	16.0875		6	0.869594		7.5	0.001086993		37	0.005362498		50	0.007247		258	0.037392557
18.93306	116	10.23592	1.01E+01	2.42E+03		28	4.209686285		111	16.6884		6	0.902076		7.5	0.001127595		37	0.0055628		50	0.007517		258	0.038789252
18.99972	120	10.50801	1.04E+01	2.49E+03	36	35	4.335571913	118	142.5	17.18745	7	8	0.929051	5	5	0.001161314	51	53	0.005729149	46	51.5	0.007742	297	258	0.039949196
19.06639	124	10.74179	1.06E+01	2.55E+03		35	5.551626189		142.5	22.60305		8	1.268943		5	0.000793089		53	0.008406748		51.5	0.008169		258	0.040923416
19.13305	128	10.95381	1.08E+01	2.60E+03		35	5.668093871		142.5	23.07724		8	1.295564		5	0.000809728		53	0.008583114		51.5	0.00834		258	0.041781949
19.19972	132	11.15848	1.11E+01	2.65E+03		35	5.776956407		142.5	23.52047		8	1.320447		5	0.000825279		53	0.008747963		51.5	0.0085		258	0.042584422
19.26639	136	11.36149	1.13E+01	2.70E+03	34	29.5	5.883465031	167	126.5	23.95411	9	8	1.344792	5	4	0.000840495	55	56.5	0.008909247	57	60.5	0.008657	219	235.5	0.043369542
19.33306	140	11.55772	1.15E+01	2.75E+03		29.5	5.046833585		126.5	21.64151		8	1.368833		4	0.000684316		56.5	0.009665969		60.5	0.01035		235.5	0.040289129
19.39972	144	11.73752	1.16E+01	2.80E+03		29.5	5.129635777		126.5	21.99657		8	1.391088		4	0.000695544		56.5	0.009824557		60.5	0.01052		235.5	0.040950143
19.46639	148	11.89573	1.18E+01	2.84E+03		29.5	5.204065926		126.5	22.31574		8	1.411272		4	0.000705636		56.5	0.009967109		60.5	0.010073		235.5	0.041544323
19.53306	152	12.03761	1.20E+01	2.87E+03	25	27.5	5.270146052	86	107.5	22.5991	7	8	1.429192	3	3	0.000714596	58	59.5	0.01009367	64	64.5	0.010808	252	277	0.042071844
19.59972	156	12.29424	1.22E+01	2.92E+03		27.5	4.994651017		107.5	19.52454		8	1.452989		3	0.000544871		59.5	0.010806609		64.5	0.011715		277	0.050309756
19.66639	160	12.99381	1.26E+01	3.03E+03		27.5	5.190932241		107.5	20.29183		8	1.510089		3	0.000566284		59.5	0.01123129		64.5	0.012175		277	0.052286845
19.73306	164	13.89236	1.34E+01	3.23E+03		27.5	5.51898176		107.5	21.5742		8	1.605522		3	0.000602071		59.5	0.01194107		64.5	0.012945		277	0.055591198
19.79972	168	14.78654	1.43E+01	3.44E+03	30	40.5	5.886979291	129	118	23.01274	9	9.5	1.712576	3	4	0.000642218	61	54	0.012737282	65	64	0.013808	302	269	0.059297937
19.86639	172	15.57167	1.52E+01	3.64E+03		40.5	9.177586968		118	26.73964		9.5	2.152767		4	0.000906428		54	0.012236783		64	0.014503		269	0.060957306
19.93306	176	16.24733	1.59E+01	3.82E+03		40.5	9.619198224		118	28.02631		9.5	2.256355		4	0.000950044		54	0.012825598		64	0.015201		269	0.063890477
19.99972	180	16.866	1.66E+01	3.97E+03	51	47	10.01046898	107	114	29.16636	10	9	2.348139	5	7	0.00098869	47	48	0.013347316	63	102.5	0.015819	236	271	0.066489407
20.06639	184	17.48118	1.72E+01	4.12E+03		47	12.0499784		114	29.22761		9	2.307443		7	0.001794678		48	0.012306361		102.5	0.026279		271	0.069479663
20.13305	188	18.08611	1.78E+01	4.27E+03		47	12.47802808		114	30.26586		9	2.38941		7	0.00185843		48	0.012743518		102.5	0.027213		271	0.071947779
20.19972	192	18.65973	1.84E+01	4.41E+03		47	12.89149731		114	31.26874		9	2.468585		7	0.00192001		48	0.013185784		102.5	0.028114		271	0.074331825
20.26639	196	19.16917	1.89E+01	4.54E+03		47	13.2714859		114	32.19036		9	2.541345	9	7	0.001976601	49	42	0.013553838	142	140.5	0.026943	306	294	0.076522708
20.33306	200	19.58611	1.94E+01	4.65E+03		47	13.59646664		114	32.97866		9	2.603579		7	0.002025006		42	0.012150034		140.5	0.040645		294	0.085050238
20.39972	204	19.90887	1.97E+01	4.74E+03		47	13.85597467		114	33.60811		9	2.653272		7	0.002063656		42	0.012381935		140.5	0.041421		294	0.086673544
20.46639	208	20.15114	2.00E+01	4.81E+03		47	14.05420344		114	34.08892		9	2.69123		7	0.002093179		42	0.012559075		140.5	0.042013		294	0.087913528
20.53306	212	20.32903	2.02E+01	4.86E+03		47	14.20160765		114	34.44645		9	2.719457		7	0.002115133		42	0.012690798		140.5	0.042454		294	0.088835588
20.59972	216	20.38805	2.04E+01	4.89E+03		47	14.26472249		114	34.64805		9	2.735372		7	0.002127512		42	0.012765071		140.5	0.042702		294	0.089355498
20.66639	220	20.15662	2.03E+01	4.87E+03		47	14.22423611		114	34.50134		9	2.72379		7	0.002118503		42	0.012711019		140.5	0.042521		294	0.088977136
20.73306	224	19.84263	2.00E+01	4.80E+03		47	14.03288709		114	34.03722		9	2.687149	5	4	0.002090004	35	37.5	0.012540027	139	120.5	0.041949	282	252.5	0.087780187

Conduit CSO 1019

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.92E+05	9.07	819	1,839	163	0.09	0.74	1.75	4.52

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
20.79972	228	19.57693	1.97E+01	4.73E+03			47 13.62951517			114 33.54393			9 2.648205		4	0.00117698		37.5	0.011034186		120.5	0.035457		252.5	0.074296663
20.86639	232	19.3854	1.95E+01	4.68E+03			47 13.66910573			114 33.15485			9 2.617488		4	0.001163328		37.5	0.010906201		120.5	0.035045		252.5	0.073435089
20.93306	236	19.21399	1.93E+01	4.63E+03			47 13.54177595			114 32.84601			9 2.593106		4	0.001152492		37.5	0.010804606		120.5	0.034719		252.5	0.07275103
20.99972	240	19.03846	1.91E+01	4.59E+03			48 13.42005942			91 32.55078			9 2.569799		4	0.001142133		37.5	0.010707494		120.5	0.034407		252.5	0.072097128
21.06639	244	18.92907	1.90E+01	4.56E+03	43		48 13.6035077	121		91 25.78998	8		9 2.550658	3	4	0.001133626	40	37.5	0.01062774	102	120.5	0.03415	223	252.5	0.071560119
21.13305	248	18.81534	1.89E+01	4.53E+03			48 13.52356532			91 25.63843			9 2.535668		4	0.001126964		37.5	0.010565285		120.5	0.03395		252.5	0.071139586
21.19972	252	18.67728	1.87E+01	4.50E+03			48 13.43335068			91 25.46739			9 2.518753		4	0.001119446		37.5	0.010494805		120.5	0.033723		252.5	0.070865022
21.26639	256	18.59283	1.86E+01	4.47E+03			48 13.35362686			91 25.31625			9 2.503805	5	5	0.001112602	35	35	0.010432521	139	139	0.033523	282	282	0.070245641
21.33306	260	18.55603	1.86E+01	4.46E+03			48 13.31018381			91 25.23389			9 2.495659		5	0.001366477		35	0.009705342		139	0.038544		282	0.07819733
21.39972	264	18.53568	1.85E+01	4.45E+03			48 13.28970735			91 25.19507			9 2.49182		5	0.001364345		35	0.009690412		139	0.038485		282	0.078077031
21.46639	268	18.53778	1.85E+01	4.45E+03			48 13.2831685			91 25.18267			9 2.490594		5	0.001363663		35	0.009685644		139	0.038466		282	0.078036615
21.53306	272	18.53862	1.85E+01	4.45E+03			48 13.28422188			91 25.18467			9 2.490792	5	5	0.001383773	35	35	0.009686412	139	139	0.038469	282	282	0.078044804
21.59972	276	18.54539	1.85E+01	4.45E+03			48 13.28694849			91 25.18984			9 2.491303		5	0.001384057		35	0.0096884		139	0.038477		282	0.078060822
21.66639	280	18.55222	1.85E+01	4.45E+03			48 13.29182128			91 25.19908			9 2.492216		5	0.001384565		35	0.009691953		139	0.038491		282	0.07808945
21.73306	284	18.56305	1.86E+01	4.46E+03			48 13.29814874			91 25.21107			9 2.493403	5	4	0.001385224	35	33.5	0.009696567	139	96	0.038509	282	215	0.078126624
21.79972	288	18.57265	1.86E+01	4.46E+03			48 13.30548687			91 25.22495			9 2.494775		4	0.001108789		33.5	0.009286108		96	0.026811		215	0.059597412
21.86639	292	18.58142	1.86E+01	4.46E+03			48 13.31205051			91 25.23743			9 2.496009		4	0.001109338		33.5	0.009290702		96	0.026824		215	0.059626893
21.93306	296	18.59659	1.86E+01	4.46E+03			48 13.32134464			91 25.25505			9 2.497752		4	0.001110112		33.5	0.009297188		96	0.026843		215	0.059668523
21.99972	300	18.61395	1.86E+01	4.47E+03	53		53 13.33299992	61		61 25.27715	10		10 2.499937	3	4	0.001111083	32	29.5	0.009305323	53	65	0.026666	148	171	0.059720729
22.06639	304	18.61221	1.86E+01	4.47E+03			53 14.72724236			61 16.95022			10 2.778725		4	0.00111149		29.5	0.008197239		65	0.018062		171	0.047516197
22.13305	308	18.0158	1.83E+01	4.40E+03			53 14.490605			61 16.67787			10 2.734076		4	0.001093631		29.5	0.008065525		65	0.017771		171	0.046752707
22.19972	312	16.96141	1.75E+01	4.20E+03			53 13.8454354			61 15.93531			10 2.612346		4	0.001044939		29.5	0.007706422		65	0.01698		171	0.044671122
22.26639	316	15.91406	1.64E+01	3.95E+03			53 13.01396259			61 14.97833			10 2.455465	5	5	0.000982186	27	27	0.007243621	77	77	0.015961	194	194	0.041988445
22.33306	320	14.95565	1.54E+01	3.70E+03			53 12.21254073			61 14.05594			10 2.304253		5	0.001152126		27	0.006221483		77	0.013743		194	0.044702508
22.39972	324	14.05644	1.45E+01	3.48E+03			53 11.47762973			61 13.2101			10 2.165591		5	0.001082795		27	0.005847094		77	0.012675		194	0.042012456
22.46639	328	13.14196	1.36E+01	3.26E+03			53 10.76010603			61 12.38427			10 2.030209		5	0.001015104		27	0.005481563		77	0.011873		194	0.039386048
22.53306	332	12.31556	1.27E+01	3.05E+03			53 10.07138708			61 11.5916			10 1.900262		5	0.000950131		27	0.005130707		77	0.011121		194	0.036865077
22.59972	336	11.55876	1.19E+01	2.86E+03			53 9.445048771			61 10.87072			10 1.782085		5	0.000891042		27	0.004811629		77	0.010429		194	0.034572443
22.66639	340	10.86249	1.12E+01	2.69E+03			53 8.870191895			61 10.20909			10 1.673621		5	0.000836811		27	0.004518777		77	0.009792		194	0.03246825
22.73306	344	10.22585	1.05E+01	2.53E+03			53 8.342872166			61 9.602174			10 1.574127	5	5	0.000787063	27	27	0.004250142	77	77	0.012121	194	194	0.03063806
22.79972	348	9.667372	9.95E+00	2.39E+03			53 7.870065074			61 9.057999			10 1.484918		5	0.000742459		27	0.004009278		77	0.011434		194	0.02860748
22.86639	352	9.17382	9.42E+00	2.26E+03			53 7.4538656			61 8.578978			10 1.40639		5	0.000703195		27	0.003797252		77	0.010829		194	0.027283962
22.93306	356	8.740271	8.96E+00	2.15E+03			53 7.087090363			61 8.15684			10 1.337187		5	0.000668593		27	0.003610405		77	0.010296		194	0.025941425
22.99972	360	8.353924	8.55E+00	2.05E+03			53 6.762726875			61 7.783516			10 1.275986		5	0.000637993		27	0.003445163		77	0.009825		194	0.024754132
23.06639	364	8.033074	8.19E+00	1.97E+03			53 6.482948847			61 7.461507			10 1.223198		5	0.000611599		27	0.003302634		77	0.009419		194	0.023730039
23.13305	368	7.65772	7.85E+00	1.88E+03			53 6.20751982			61 7.144504			10 1.17123		5	0.000585615		27	0.003162321		77	0.009018		194	0.022721865
23.19972	372	7.214135	7.44E+00	1.78E+03			53 5.883534936			61 6.771616			10 1.110101		5	0.00055505		27	0.002997273		77	0.008548		194	0.021535958
23.26639	376	6.75944	6.99E+00	1.68E+03			53 5.52616153			61 6.362601			10 1.043049		5	0.000521525		27	0.002816233		77	0.008031		194	0.020235157
23.33306	380	6.340044	6.55E+00	1.57E+03			53 5.182357665			61 5.9646			10 0.977803		5	0.000488902		27	0.002640069		77	0.007529		194	0.018969385
23.39972	384	5.94587	6.14E+00	1.47E+03			53 4.86049684			61 5.594157			10 0.917075		5	0.000458537		27	0.002476102		77	0.007061		194	0.017791253
23.46639	388	5.580331	5.76E+00	1.38E+03			53 4.559942674			61 5.248238			10 0.860367		5	0.000430183		27	0.00232299		77	0.006625		194	0.016691111
23.53306	392	5.240077	5.41E+00	1.30E+03			53 4.280720091			61 4.926867			10 0.807683		5	0.000403842		27	0.002180744		77	0.006219		194	0.015659051
23.59972	396	4.919549	5.08E+00	1.22E+03			53 4.019304553			61 4.625992			10 0.758359		5	0.00037918		27	0.00204757		77	0.005839		194	0.014712171
23.66639	400	4.607345	4.76E+00	1.14E+03			53 3.768986026			61 4.33789			10 0.711129		5	0.000355565		27	0.001920049		77	0.005476		194	0.013795911
23.73306	404	4.311414	4.46E+00	1.07E+03			53 3.528398452			61 4.060987			10 0.665736		5	0.000332868		27	0.001797486		77	0.005126		194	0.01291527
23.79972	408	4.031933	4.17E+00	1.00E+03			53 3.300756601			61 3.798984			10 0.622784		5	0.000311392		27	0.001681516		77	0.004795		194	0.012082015
23.86639	412	3.778176	3.91E+00	9.37E+02			53 3.089799434			61 3.556184			10 0.582981		5	0.000291491		27	0.001574049		77	0.004489		194	0.011309632
23.93306	416	3.535222	3.66E+00	8.78E+02			53 2.89329291			61 3.330016			10 0.545904		5	0.000272952		27	0.001473942		77	0.004203		194	0.010590544
23.99972	420	3.36416	3.45E+00	8.26E+02			53 2.729509715			61 3.141511			10 0.515002		5	0.000257501		27	0.001390505		77	0.003966		194	0.009991036
24.06639	424	3.245356	3.30E+00	7.93E+02			53 2.61483428			61 3.009526			10 0.493365		5	0.000246682		27	0.001332065		77	0.003799		194	0.00957128
24.13305	428	3.095372	3.17E+00	7.61E+02			53 2.506489674			61 2.88713			10 0.4733		5	0.00023665		27	0.00127791		77	0.003644		194	0.009162019
24.19972	432	2.897032	3.00E+00	7.19E+02			53 2.370687334			61 2.728527			10 0.447299		5	0.00022365		27	0.001207709		77	0.003444		194	0.00867761
24.26639	436	2.680782	2.78E+00	6.66E+02			53 2.206669144			61 2.539751			10 0.416353		5	0.000208176		27	0.001124152		77	0.003206		194	0.008077242
24.33306	440	2.480261	2.57E+00	6.17E+02			53 2.033875808			61 2.340876			10 0.38375		5	0.000191875		27	0.001036125		77	0.002955		194	0.007444753
24.39972	444	2.224517	2.34E+00	5.62E+02			53 1.853370345			61 2.133124			10 0.349693		5	0.000174846		27	0.00094417		77	0.002693		194	0.006784035
24.46639	448	2.01841	2.12E+00	5.09E+02			53 1.678567283			61 1.931936			10 0.316711		5	0.000158355		27	0.000855119		77	0.002439		194	0.00614419
24.53306	452	1.844511	1.93E+00	4.64E+02			53 1.528231055			61 1.758907			10 0.288345		5	0.000144173		27	0.000778533		77	0.00222		194	0.005593902
24.59972	456	1.694506	1.77E+00	4.25E+02			53 1.400089643			61 1.611424			10 0.264166		5	0.000132084		27	0.000713253		77	0.002034		194	0.005124856

Conduit CSO 1016

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
1.09E+04	6.13	26.15	79.05	5.57	0.00	0.03	0.06	0.18

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
18.26639	0	1.80E-04			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
18.33306	4	6.49E-04	4.14E-04	9.95E-02		80	0.000495		761.5	0.004712		36.5	0.000226		7.5	4.64062E-08		172.5	1.07E-06		283.5	1.75415E-06		639	3.95381E-06
18.39972	8	1.30E-03	9.76E-04	2.34E-01		80	0.0011654		761.5	0.011093		36.5	0.000532		7.5	1.09252E-07		172.5	2.51E-06		283.5	4.12974E-06		639	9.30831E-06
18.46639	12	2.13E-03	1.72E-03	4.13E-01		80	0.0020528		761.5	0.01954		36.5	0.000937		7.5	1.92448E-07		172.5	4.43E-06		283.5	7.27455E-06		639	1.63966E-05
18.53306	16	3.10E-03	2.62E-03	6.28E-01	69	58	0.0031272	451	358.5	0.029767	24	17.5	0.001427	4	5.5	2.93175E-07	130	107	6.74E-06	198	147.5	1.1062E-05	446	410.5	2.49785E-05
18.59972	20	4.11E-03	3.61E-03	8.65E-01		58	0.0031216		358.5	0.019296		17.5	0.000942		5.5	2.96034E-07		107	5.76E-06		147.5	7.93909E-06		410.5	2.20949E-05
18.66639	24	5.09E-03	4.60E-03	1.10E+00		58	0.003984		358.5	0.024625		17.5	0.001202		5.5	3.7779E-07		107	7.35E-06		147.5	1.01316E-05		410.5	2.81989E-05
18.73306	28	5.95E-03	5.52E-03	1.33E+00	47	42	0.0047822	266	238.5	0.029559	11	9.5	0.001443	7	5.5	4.53481E-07	84	69.5	8.82E-06	97	90.5	1.21615E-05	375	307	3.38461E-05
18.79972	32	6.63E-03	6.29E-03	1.51E+00		42	0.0039439		238.5	0.022396		9.5	0.000892		5.5	5.16464E-07		69.5	6.53E-06		90.5	8.49617E-06		307	2.88281E-05
18.86639	36	7.10E-03	6.87E-03	1.65E+00		42	0.0043046		238.5	0.024444		9.5	0.000974		5.5	5.63703E-07		69.5	7.12E-06		90.5	9.27548E-06		307	3.14649E-05
18.93306	40	7.53E-03	7.32E-03	1.76E+00		42	0.0045878		238.5	0.026052		9.5	0.001038		5.5	6.0079E-07		69.5	7.59E-06		90.5	9.88572E-06		307	3.3535E-05
18.99972	44	8.50E-03	8.02E-03	1.92E+00	37	32	0.005026	211	192.5	0.02854	8	7	0.001137	4	3.5	6.58165E-07	55	57	8.32E-06	84	101.5	1.06298E-05	239	258.5	3.67376E-05
19.06639	48	1.09E-02	9.68E-03	2.32E+00		32	0.0046256		192.5	0.027826		7	0.001012		3.5	5.05925E-07		57	8.24E-06		101.5	1.46718E-05		258.5	3.73662E-05
19.13305	52	1.59E-02	1.34E-02	3.21E+00		32	0.0063847		192.5	0.038408		7	0.001397		3.5	6.98329E-07		57	1.14E-05		101.5	2.02515E-05		258.5	5.15786E-05
19.19972	56	2.55E-02	2.07E-02	4.97E+00		32	0.0098919		192.5	0.059506		7	0.002164		3.5	1.08193E-06		57	1.76E-05		101.5	3.13756E-05		258.5	7.9908E-05
19.26639	60	4.18E-02	3.37E-02	8.08E+00	27	32	0.0160863	174	166.5	0.096769	6	7	0.003519	3	2	1.75944E-06	59	70.5	2.87E-05	119	102	5.10238E-05	278	310	0.000129947
19.33306	64	6.74E-02	5.46E-02	1.31E+01		32	0.0260823		166.5	0.135709		7	0.005706		2	1.63014E-06		70.5	5.75E-05		102	8.31373E-05		310	0.000252672
19.39972	68	0.1013491	8.44E-02	2.02E+01		32	0.0403067		166.5	0.209721		7	0.008817		2	2.51917E-06		70.5	8.88E-05		102	0.000128478		310	0.000390472
19.46639	72	0.1378376	1.20E-01	2.87E+01		32	0.0571326		166.5	0.297268		7	0.012498		2	3.57079E-06		70.5	0.000126		102	0.00018211		310	0.000553472
19.53306	76	0.177126	1.57E-01	3.78E+01	37	37.5	0.0752329	159	138	0.391446	8	7	0.018457	1	3.5	4.70205E-06	82	65.5	0.000166	85	81.5	0.000239605	342	325.5	0.000728818
19.59972	80	0.2280511	2.03E-01	4.86E+01		37.5	0.1134158		138	0.41737		7	0.021171		3.5	1.05855E-05		65.5	0.000198		81.5	0.00024649		325.5	0.000984449
19.66639	84	0.3137483	2.71E-01	6.50E+01		37.5	0.1516586		138	0.558104		7	0.02831		3.5	1.41548E-05		65.5	0.000265		81.5	0.000329605		325.5	0.001316397
19.73306	88	0.4446025	3.79E-01	9.10E+01		37.5	0.2122749		138	0.781172		7	0.039625		3.5	1.98123E-05		65.5	0.000371		81.5	0.000461344		325.5	0.001842547
19.79972	92	0.6037556	5.24E-01	1.26E+02	38	29	0.2934528	117	110.5	1.079906	6	5.5	0.054778	6	8	2.73889E-05	49	36	0.000513	78	66	0.000637771	309	264	0.00254717
19.86639	96	0.7609683	6.82E-01	1.64E+02		29	0.2954202		110.5	1.125653		5.5	0.056028		8	8.14952E-05		36	0.000367		66	0.000672336		264	0.002689342
19.93306	100	0.8937928	8.27E-01	1.99E+02		29	0.3582042		110.5	1.364881		5.5	0.067935		8	9.88149E-05		36	0.000445		66	0.000815223		264	0.003260893
19.99972	104	0.9967759	9.45E-01	2.27E+02	20	28	0.4092491	104	111	1.55938	5	6	0.077616	10	7.5	0.000112896	23	37	0.000508	54	50	0.000931395	219	258	0.003725578
20.06639	108	1.075019	1.04E+00	2.49E+02		28	0.4330142		111	1.716592		6	0.092789		7.5	0.000115986		37	0.000572		50	0.00077324		258	0.003989916
20.13305	112	1.133218	1.10E+00	2.65E+02		28	0.4615312		111	1.829641		6	0.0989		7.5	0.000123624		37	0.00061		50	0.000824163		258	0.00425268
20.19972	116	1.177948	1.16E+00	2.77E+02		28	0.4830438		111	1.914924		6	0.103509		7.5	0.000129387		37	0.000638		50	0.000862578		258	0.004450903
20.26639	120	1.212581	1.20E+00	2.87E+02	36	35	0.499631	118	142.5	1.98068	7	8	0.107064	5	5	0.00013383	51	53	0.00066	46	51.5	0.000892196	297	258	0.004603743
20.33306	124	1.240015	1.23E+00	2.94E+02		35	0.6407541		142.5	2.608784		8	0.146458		5	9.15363E-05		53	0.00097		51.5	0.000942824		258	0.004723273
20.39972	128	1.260532	1.25E+00	3.00E+02		35	0.6532815		142.5	2.659789		8	0.149321		5	9.33259E-05		53	0.000989		51.5	0.000961257		258	0.004815618
20.46639	132	1.27529	1.27E+00	3.04E+02		35	0.6624973		142.5	2.697311		8	0.151428		5	9.46425E-05		53	0.001003		51.5	0.000974818		258	0.004883552
20.53306	136	1.285839	1.28E+00	3.07E+02	34	29.5	0.6691089	167	126.5	2.724229	9	8	0.152939	5	4	9.5587E-05	55	56.5	0.001013	57	60.5	0.000984546	219	235.5	0.004932289
20.59972	140	1.282232	1.28E+00	3.08E+02		29.5	0.5654919		126.5	2.424906		8	0.153354		4	7.66769E-05		56.5	0.001083		60.5	0.001159738		235.5	0.00451435
20.66639	144	1.243305	1.26E+00	3.03E+02		29.5	0.5561258		126.5	2.384743		8	0.150814		4	7.54069E-05		56.5	0.001065		60.5	0.001140529		235.5	0.004439581
20.73306	148	1.189435	1.22E+00	2.92E+02		29.5	0.5356918		126.5	2.297119		8	0.145272		4	7.26362E-05		56.5	0.001026		60.5	0.001096622		235.5	0.004276455
20.79972	152	1.136595	1.16E+00	2.79E+02	25	27.5	0.5126346	86	107.5	2.198247	7	8	0.13902	3	3	6.95098E-05	58	59.5	0.000982	64	64.5	0.001051335	252	277	0.004092388
20.86639	156	1.098726	1.12E+00	2.68E+02		27.5	0.4592597		107.5	1.795288		8	0.133603		3	5.01011E-05		59.5	0.000994		64.5	0.001077173		277	0.004625997
20.93306	160	1.068879	1.08E+00	2.60E+02		27.5	0.4449489		107.5	1.739346		8	0.12944		3	4.85399E-05		59.5	0.000963		64.5	0.001043607		277	0.004481849
20.99972	164	1.047357	1.06E+00	2.54E+02		27.5	0.4344043		107.5	1.698126		8	0.126372		3	4.73696E-05		59.5	0.00094		64.5	0.001016876		277	0.004375636
21.06639	168	1.032088	1.04E+00	2.50E+02	30	40.5	0.4268521	129	118	1.668604	9	9.5	0.124175	3	4	4.65657E-05	61	54	0.000924	65	64	0.001001162	302	269	0.004299565
21.13305	172	1.020823	1.03E+00	2.46E+02		40.5	0.6206153		118	1.808212		9.5	0.145576		4	6.12953E-05		54	0.000827		64	0.000960725		269	0.004122111
21.19972	176	1.012204	1.02E+00	2.44E+02		40.5	0.6146042		118	1.790699		9.5	0.144166		4	6.07016E-05		54	0.000819		64	0.000971226		269	0.004082186
21.26639	180	1.005319	1.01E+00	2.42E+02	51	47	0.6099171	107	114	1.777043	10	9	0.143067	5	7	6.02387E-05	47	48	0.000813	63	102.5	0.00096382	236	271	0.004051055
21.33306	184	0.9997487	1.00E+00	2.41E+02		47	0.7034347		114	1.706203		9	0.1347		7	0.000104767		48	0.000718		102.5	0.001534086		271	0.004055975
21.39972	188	0.9952601	9.98E-01	2.39E+02		47	0.6999058		114	1.697644		9	0.134025		7	0.000104241		48	0.000715		102.5	0.00152639		271	0.004035627
21.46639	192	0.9915962	9.93E-01	2.38E+02		47	0.6970463		114	1.690708		9	0.133477		7	0.000103815		48	0.000712		102.5	0.001520154		271	0.004019139
21.53306	196	0.9886417	9.90E-01	2.38E+02		47	0.6947244		114	1.685076		9	0.133032	9	7	0.00010347	49	42	0.00071	142	140.5	0.00151509	306	294	0.004005751
21.59972	200	0.986204	9.87E-01	2.37E+02		47	0.6928327		114	1.680488		9	0.13267		7	0.000103188		42	0.000619		140.5	0.002071127		294	0.004333889
21.66639	204	0.984166	9.85E-01	2.36E+02		47	0.6912625		114	1.676679		9	0.132369		7	0.000102954		42	0.000618		140.5	0.002066434		294	0.004324067
21.73306	208	0.9824638	9.83E-01	2.36E+02		47	0.6899503		114	1.673496		9	0.132118		7	0.000102759		42	0.000617		140.5	0.002062511		294	0.004315859
21.79972	212	0.980658	9.82E-01	2.36E+02		47	0.6887897		114	1.670682		9	0.131896		7	0.000102586		42	0.000616		140.5	0.002059042		294	0.0043086
21.86639	216	0.9794762	9.80E-01	2.35E+02		47	0.6877416		114	1.668139		9	0.131695		7	0.00010243		42	0.000615		140.5	0.002055908		294	0.004302043

Conduit CSO 1016

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
1.09E+04	6.13	26.15	79.05	5.57	0.00	0.03	0.06	0.18

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
21.93306	220	0.9782202	9.79E-01	2.35E+02		47	0.6868162			114 1.665895			9 0.131518			7 0.000102292		42	0.000614		140.5	0.002053142		294	0.004296254
21.99972	224	0.977077	9.78E-01	2.35E+02		47	0.6859745			114 1.663853			9 0.131357	5	4	0.000102166	35	37.5	0.000613	139	120.5	0.002050626	282	252.5	0.004290989
22.06639	228	0.9725407	9.75E-01	2.34E+02		47	0.683982			114 1.65902			9 0.130975		4	5.82112E-05		37.5	0.000546		120.5	0.001753613		252.5	0.003674584
22.13305	232	0.9042161	9.38E-01	2.25E+02		47	0.658421			114 1.597021			9 0.126081		4	5.60358E-05		37.5	0.000525		120.5	0.001688079		252.5	0.003537282
22.19972	236	0.7815443	8.43E-01	2.02E+02		47	0.5914139			114 1.434493			9 0.113249		4	5.03331E-05		37.5	0.000472		120.5	0.001516285		252.5	0.003177277
22.26639	240	0.6515074	7.17E-01	1.72E+02	43	48	0.5027557	121	91	1.21945	8	9	0.096272	3	4	4.27877E-05	40	37.5	0.000401	102	120.5	0.00126896	223	252.5	0.002700975
22.33306	244	0.536312	5.95E-01	1.43E+02		48	0.4263042		91	0.808202		9	0.079932		4	3.55253E-05		37.5	0.000333		120.5	0.001070201		252.5	0.002242538
22.39972	248	0.4482436	4.93E-01	1.18E+02		48	0.3534762		91	0.670132		9	0.066277		4	2.94563E-05		37.5	0.000276		120.5	0.000887372		252.5	0.001859432
22.46639	252	0.3836018	4.16E-01	9.98E+01		48	0.2980445		91	0.565043		9	0.055883		4	2.4837E-05		37.5	0.000233		120.5	0.000748216		252.5	0.001567839
22.53306	256	0.336874	3.60E-01	8.65E+01		48	0.2581416		91	0.489393		9	0.048402	5	5	2.15118E-05	35	35	0.000202	139	139	0.000648043	282	282	0.001357932
22.59972	260	0.3012899	3.19E-01	7.66E+01		48	0.2286498		91	0.433482		9	0.042872		5	2.38177E-05		35	0.000167		139	0.000662132		282	0.001343317
22.66639	264	0.273831	2.88E-01	6.90E+01		48	0.2060619		91	0.390659		9	0.038637		5	2.14648E-05		35	0.00015		139	0.000596721		282	0.001210614
22.73306	268	0.2519666	2.63E-01	6.31E+01		48	0.1883897		91	0.357155		9	0.035323		5	1.98239E-05		35	0.000137		139	0.000545545		282	0.00110679
22.79972	272	0.2342741	2.43E-01	5.83E+01		48	0.1742167		91	0.330286		9	0.032668	5	5	1.81476E-05	35	35	0.000127	139	139	0.000504503	282	282	0.001023523
22.86639	276	0.2197196	2.27E-01	5.45E+01		48	0.1626629		91	0.306382		9	0.030499		5	1.69441E-05		35	0.000119		139	0.000471045		282	0.000955645
22.93306	280	0.2077836	2.14E-01	5.13E+01		48	0.1531716		91	0.290388		9	0.02872		5	1.59554E-05		35	0.000112		139	0.000443559		282	0.000899883
22.99972	284	0.1979151	2.03E-01	4.87E+01		48	0.1453591		91	0.275577		9	0.027255	5	4	1.51416E-05	35	33.5	0.000106	139	96	0.000420936	282	215	0.000853985
23.06639	288	0.1894593	1.94E-01	4.65E+01		48	0.1387936		91	0.26313		9	0.026024		4	1.15661E-05		33.5	9.69E-05		96	0.000277587		215	0.00062168
23.13305	292	0.1765864	1.83E-01	4.39E+01		48	0.1311517		91	0.248642		9	0.024591		4	1.09293E-05		33.5	9.15E-05		96	0.000262303		215	0.00058745
23.19972	296	0.1571092	1.67E-01	4.00E+01		48	0.1195609		91	0.226667		9	0.022418		4	9.96341E-06		33.5	8.34E-05		96	0.000239122		215	0.000535533
23.26639	300	0.1339842	1.46E-01	3.49E+01	53	53	0.1042896	61	61	0.197716	10	10	0.019554	3	4	8.6908E-06	32	29.5	7.28E-05	53	65	0.000208579	148	171	0.000467131
23.33306	304	0.1125912	1.23E-01	2.96E+01		53	0.0975411		61	0.112264		10	0.018404		4	7.36159E-06		29.5	5.43E-05		65	0.000119626		171	0.000314708
23.39972	308	9.34E-02	1.03E-01	2.47E+01		53	0.0814944		61	0.093795		10	0.015376		4	6.15052E-06		29.5	4.54E-05		65	9.9946E-05		171	0.000262935
23.46639	312	7.76E-02	8.55E-02	2.05E+01		53	0.0676461		61	0.077857		10	0.012763		4	5.10537E-06		29.5	3.77E-05		65	8.29622E-05		171	0.000218254
23.53306	316	6.50E-02	7.13E-02	1.71E+01		53	0.0563901		61	0.064902		10	0.01064	5	5	4.25585E-06	27	27	3.14E-05	77	77	6.91576E-05	194	194	0.000181938
23.59972	320	5.62E-02	6.06E-02	1.45E+01		53	0.047923		61	0.055157		10	0.009042		5	4.52103E-06		27	2.44E-05		77	6.98239E-05		194	0.000175416
23.66639	324	4.69E-02	5.25E-02	1.26E+01		53	0.0415758		61	0.047851		10	0.007844		5	3.92225E-06		27	2.12E-05		77	6.04026E-05		194	0.000152183
23.73306	328	4.29E-02	4.59E-02	1.10E+01		53	0.0363011		61	0.041781		10	0.006849		5	3.42463E-06		27	1.85E-05		77	5.27394E-05		194	0.000132878
23.79972	332	3.79E-02	4.04E-02	9.69E+00		53	0.031937		61	0.036758		10	0.006026		5	3.01292E-06		27	1.63E-05		77	4.6399E-05		194	0.000116901
23.86639	336	3.38E-02	3.58E-02	8.60E+00		53	0.0283385		61	0.032616		10	0.005347		5	2.67344E-06		27	1.44E-05		77	4.1171E-05		194	0.000103729
23.93306	340	3.03E-02	3.20E-02	7.69E+00		53	0.0253485		61	0.029175		10	0.004783		5	2.39136E-06		27	1.29E-05		77	3.6827E-05		194	9.27849E-05
23.99972	344	2.74E-02	2.89E-02	6.93E+00		53	0.0228429		61	0.026291		10	0.00431	5	5	2.15499E-06	27	27	1.16E-05	77	77	3.31868E-05	194	194	8.36135E-05
24.06639	348	2.49E-02	2.62E-02	6.28E+00		53	0.0206919		61	0.023815		10	0.003904		5	1.95206E-06		27	1.05E-05		77	3.00618E-05		194	7.574E-05
24.13305	352	2.15E-02	2.32E-02	5.57E+00		53	0.0183654		61	0.021138		10	0.003465		5	1.73258E-06		27	9.36E-06		77	2.66818E-05		194	6.72242E-05
24.19972	356	1.69E-02	1.92E-02	4.61E+00		53	0.0152105		61	0.017506		10	0.00287		5	1.43495E-06		27	7.75E-06		77	2.20982E-05		194	5.56761E-05
24.26639	360	1.17E-02	1.43E-02	3.44E+00		53	0.0113262		61	0.013036		10	0.002137		5	1.06851E-06		27	5.77E-06		77	1.6455E-05		194	4.14561E-05
24.33306	364	6.85E-03	9.29E-03	2.23E+00		53	0.0073475		61	0.008457		10	0.001386		5	6.9316E-07		27	3.74E-06		77	1.06747E-05		194	2.68946E-05
24.39972	368	2.96E-03	4.91E-03	1.18E+00		53	0.0038815		61	0.004467		10	0.000732		5	3.66177E-07		27	1.98E-06		77	5.63913E-06		194	1.42077E-05
	372		1.48E-03	3.55E-01		53	0.0011717		61	0.001349		10	0.000221		5	1.10542E-07		27	5.97E-07		77	1.70235E-06		194	4.28903E-06
	376		0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
	380		0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
	384		0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0

Conduit CSO 1014

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
1.63E+02	2.33	0.40	2.36	0.10	0.00	0.00	0.00	0.00

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
19.73306	0	6.77E-05			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
19.79972	4	4.57E-04	2.62E-04	6.29E-02		80	0.000313		761.5	0.002982		36.5	0.000143		7.5	2.93669E-08		172.5	6.75E-07		283.5	1.1101E-06		639	2.5E-06
19.86639	8	2.81E-03	1.63E-03	3.92E-01		80	0.001952		761.5	0.018578		36.5	0.00089		7.5	1.8297E-07		172.5	4.21E-06		283.5	6.9163E-06		639	1.56E-05
19.93306	12	6.05E-03	4.43E-03	1.06E+00		80	0.005289		761.5	0.050348		36.5	0.002413		7.5	4.95872E-07		172.5	1.14E-05		283.5	1.8744E-05		639	4.22E-05
19.99972	16	1.18E-02	8.92E-03	2.14E+00	69	58	0.010651	451	358.5	0.101389	24	17.5	0.00486	4	5.5	9.98578E-07	130	107	2.3E-05	198	147.5	3.7746E-05	446	410.5	8.51E-05
20.06639	20	1.96E-02	1.57E-02	3.77E+00		58	0.013589		358.5	0.083994		17.5	0.0041		5.5	1.28662E-06		107	2.51E-05		147.5	3.4558E-05		410.5	9.62E-05
20.13305	24	2.83E-02	2.40E-02	5.75E+00		58	0.020745		358.5	0.128226		17.5	0.006259		5.5	1.9672E-06		107	3.83E-05		147.5	5.2757E-05		410.5	0.000147
20.19972	28	3.72E-02	3.28E-02	7.86E+00	47	42	0.026362	266	238.5	0.175306	11	9.5	0.008557	7	5.5	2.68949E-06	84	69.5	5.23E-05	97	90.5	7.2127E-05	375	307	0.000201
20.26639	32	4.69E-02	4.20E-02	1.01E+01		42	0.026364		238.5	0.149709		9.5	0.005963		5.5	3.4524E-06		69.5	4.36E-05		90.5	5.6806E-05		307	0.000193
20.33306	36	5.56E-02	5.13E-02	1.23E+01		42	0.032193		238.5	0.182811		9.5	0.007282		5.5	4.21577E-06		69.5	5.33E-05		90.5	6.9369E-05		307	0.000235
20.39972	40	6.25E-02	5.91E-02	1.42E+01		42	0.037075		238.5	0.210532		9.5	0.008386		5.5	4.85503E-06		69.5	6.13E-05		90.5	7.9887E-05		307	0.000271
20.46639	44	6.81E-02	6.53E-02	1.57E+01	37	32	0.040948	211	192.5	0.232527	8	7	0.009262	4	3.5	5.36226E-06	55	57	6.78E-05	84	101.5	8.8233E-05	239	258.5	0.000299
20.53306	48	7.28E-02	7.05E-02	1.69E+01		32	0.033672		192.5	0.202558		7	0.007366		3.5	3.68288E-06		57	6E-05		101.5	0.0001068		258.5	0.000272
20.59972	52	7.29E-02	7.29E-02	1.75E+01		32	0.034804		192.5	0.20937		7	0.007613		3.5	3.80672E-06		57	6.2E-05		101.5	0.00011039		258.5	0.000281
20.66639	56	6.24E-02	6.76E-02	1.62E+01		32	0.032311		192.5	0.194373		7	0.007068		3.5	3.53406E-06		57	5.76E-05		101.5	0.00010249		258.5	0.000261
20.73306	60	4.66E-02	5.45E-02	1.31E+01	27	32	0.026036	174	166.5	0.156624	6	7	0.005695	3	2	2.84771E-06	59	70.5	4.64E-05	119	102	8.2584E-05	278	310	0.00021
20.79972	64	3.12E-02	3.89E-02	9.34E+00		32	0.018593		166.5	0.096744		7	0.004067		2	1.16209E-06		70.5	4.1E-05		102	5.9266E-05		310	0.00018
20.86639	68	1.99E-02	2.56E-02	6.13E+00		32	0.012211		166.5	0.063536		7	0.002671		2	7.63195E-07		70.5	2.69E-05		102	3.8923E-05		310	0.000118
20.93306	72	1.19E-02	1.59E-02	3.81E+00		32	0.007593		166.5	0.039507		7	0.001661		2	4.74559E-07		70.5	1.67E-05		102	2.4202E-05		310	7.36E-05
20.99972	76	6.85E-03	9.37E-03	2.25E+00	37	37.5	0.004478	159	138	0.023297	8	7	0.000979	1	3.5	2.79846E-07	82	65.5	9.86E-06	85	81.5	1.4272E-05	342	325.5	4.34E-05
21.06639	80	4.57E-03	5.71E-03	1.37E+00		37.5	0.003196		138	0.011762		7	0.000597		3.5	2.98311E-07		65.5	5.58E-06		81.5	6.9464E-06		325.5	2.77E-05
21.13305	84	3.09E-03	3.83E-03	9.19E-01		37.5	0.002144		138	0.007889		7	0.0004		3.5	2.00081E-07		65.5	3.74E-06		81.5	4.659E-06		325.5	1.86E-05
21.19972	88	2.11E-03	2.60E-03	6.23E-01		37.5	0.001454		138	0.005352		7	0.000271		3.5	1.35733E-07		65.5	2.54E-06		81.5	3.1606E-06		325.5	1.26E-05
21.26639	92	1.47E-03	1.79E-03	4.30E-01	38	29	0.001003	117	110.5	0.003691	6	5.5	0.000187	6	8	9.36218E-08	49	36	1.75E-06	78	66	2.18E-06	309	264	8.71E-06
21.33306	96	1.06E-03	1.27E-03	3.04E-01		29	0.000549		110.5	0.002091		5.5	0.000104		8	1.51411E-07		36	6.81E-07		66	1.2491E-06		264	5E-06
21.39972	100	7.94E-04	9.27E-04	2.23E-01		29	0.000401		110.5	0.00153		5.5	7.61E-05		8	1.10752E-07		36	4.98E-07		66	9.1371E-07		264	3.65E-06
21.46639	104	6.20E-04	7.07E-04	1.70E-01	20	28	0.000306	104	111	0.001166	5	6	5.8E-05	10	7.5	8.43906E-08	23	37	3.8E-07	54	50	6.9622E-07	219	258	2.78E-06
21.53306	108	5.03E-04	5.61E-04	1.35E-01		28	0.000235		111	0.00093		6	5.03E-05		7.5	6.28261E-08		37	3.1E-07		50	4.1884E-07		258	2.16E-06
21.59972	112	4.25E-04	4.64E-04	1.11E-01		28	0.000194		111	0.000768		6	4.15E-05		7.5	5.19172E-08		37	2.56E-07		50	3.4611E-07		258	1.79E-06
21.66639	116	3.73E-04	3.99E-04	9.57E-02		28	0.000167		111	0.000661		6	3.57E-05		7.5	4.46822E-08		37	2.2E-07		50	2.9775E-07		258	1.54E-06
21.73306	120	3.39E-04	3.56E-04	8.55E-02	36	35	0.000149	118	142.5	0.00059	7	8	3.19E-05	5	5	3.98684E-08	51	53	1.97E-07	46	51.5	2.6579E-07	297	258	1.37E-06
21.79972	124	3.20E-04	3.29E-04	7.91E-02		35	0.000172		142.5	0.000701		8	3.93E-05		5	2.45927E-08		53	2.61E-07		51.5	2.5331E-07		258	1.27E-06
21.86639	128	3.06E-04	3.13E-04	7.51E-02		35	0.000164		142.5	0.000666		8	3.74E-05		5	2.33709E-08		53	2.48E-07		51.5	2.4072E-07		258	1.21E-06
21.93306	132	3.02E-04	3.04E-04	7.30E-02		35	0.000159		142.5	0.000647		8	3.63E-05		5	2.2691E-08		53	2.41E-07		51.5	2.3372E-07		258	1.17E-06
21.99972	136	3.02E-04	3.02E-04	7.24E-02	34	29.5	0.000158	167	126.5	0.000642	9	8	3.6E-05	5	4	2.25177E-08	55	56.5	2.39E-07	57	60.5	2.3193E-07	219	235.5	1.16E-06
22.06639	140	1.76E-04	2.39E-04	5.74E-02		29.5	0.000105		126.5	0.000451		8	2.65E-05		4	1.42708E-08		56.5	2.02E-07		60.5	2.1585E-07		235.5	8.4E-07
	144		8.61E-05	2.12E-02		29.5	3.88E-05		126.5	0.000168		8	1.05E-05		4	5.26373E-09		56.5	7.44E-08		60.5	7.9614E-08		235.5	3.1E-07
	148		0.00E+00	0.00E+00		29.5	0		126.5	0		8	0		4	0		56.5	0		60.5	0		235.5	0
	152		0.00E+00	0.00E+00	25	25	0	86	86	0	7	7	0	3	3	0	58	58	0	64	64	0	252	252	0

Conduit CSO 1013

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
3.29E+03	6.33	7.68	23.56	1.65	0.00	0.01	0.02	0.05

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
18.19972	0	1.21E-04			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
18.26639	4	3.59E-04	2.40E-04	5.76E-02		80	0.0002866		761.5	0.002728		36.5	0.000131		7.5	2.68698E-08		172.5	6.18006E-07		283.5	1.01568E-06		639	2.28931E-06
18.33306	8	7.16E-04	5.38E-04	1.29E-01		80	0.0006424		761.5	0.006115		36.5	0.000293		7.5	6.02247E-08		172.5	1.38517E-06		283.5	2.27649E-06		639	5.13114E-06
18.39972	12	1.17E-03	9.43E-04	2.26E-01		80	0.0011257		761.5	0.010715		36.5	0.000514		7.5	1.05535E-07		172.5	2.42731E-06		283.5	3.99924E-06		639	8.99162E-06
18.46639	16	1.71E-03	1.44E-03	3.45E-01	69	58	0.0017164	451	358.5	0.016338	24	17.5	0.000783	4	5.5	1.60912E-07	130	107	3.70099E-06	198	147.5	6.08249E-06	446	410.5	1.37097E-05
18.53306	20	2.31E-03	2.01E-03	4.82E-01		58	0.0017398		358.5	0.010754		17.5	0.000525		5.5	1.64985E-07		107	3.20971E-06		147.5	4.4246E-06		410.5	1.23139E-05
18.59972	24	2.66E-03	2.64E-03	6.33E-01		58	0.0022639		358.5	0.014117		17.5	0.000689		5.5	2.16577E-07		107	4.21341E-06		147.5	5.80821E-06		410.5	1.61645E-05
18.66639	28	3.63E-03	3.30E-03	7.91E-01	47	42	0.0026535	266	238.5	0.017638	11	9.5	0.000861	7	5.5	2.70595E-07	84	69.5	5.2643E-06	97	90.5	7.25687E-06	375	307	2.01962E-05
18.73306	32	4.28E-03	3.96E-03	9.49E-01		42	0.0024801		238.5	0.014084		9.5	0.000561		5.5	3.24779E-07		69.5	4.10402E-06		90.5	5.34408E-06		307	1.81266E-05
18.79972	36	4.90E-03	4.59E-03	1.10E+00		42	0.0028773		238.5	0.016339		9.5	0.000651		5.5	3.76795E-07		69.5	4.76132E-06		90.5	6.19999E-06		307	2.1032E-05
18.86639	40	5.43E-03	5.17E-03	1.24E+00		42	0.0032386		238.5	0.018391		9.5	0.000733		5.5	4.24106E-07		69.5	5.35916E-06		90.5	6.97847E-06		307	2.36728E-05
18.93306	44	5.88E-03	5.66E-03	1.36E+00	37	32	0.0035483	211	192.5	0.020149	8	7	0.000803	4	3.5	4.6466E-07	55	57	5.87162E-06	84	101.5	7.84578E-06	239	258.5	2.59365E-05
18.99972	48	6.27E-03	6.06E-03	1.46E+00		32	0.0029022		192.5	0.017459		7	0.000635		3.5	3.17428E-07		57	5.16954E-06		101.5	9.2054E-06		258.5	2.34443E-05
19.06639	52	6.69E-03	6.48E-03	1.55E+00		32	0.0030939		192.5	0.018612		7	0.000677		3.5	3.38392E-07		57	5.51095E-06		101.5	9.81336E-06		258.5	2.49926E-05
19.13305	56	7.30E-03	6.99E-03	1.68E+00		32	0.0033414		192.5	0.020101		7	0.000731		3.5	3.65467E-07		57	5.9519E-06		101.5	1.05986E-05		258.5	2.69924E-05
19.19972	60	8.37E-03	7.84E-03	1.88E+00	27	32	0.0037433	174	166.5	0.022518	6	7	0.000819	3	2	4.09422E-07	59	70.5	6.66774E-06	119	102	1.18733E-05	278	310	3.02388E-05
19.26639	64	1.03E-02	9.31E-03	2.23E+00		32	0.0044482		166.5	0.023144		7	0.000973		2	2.7801E-07		70.5	9.79985E-06		102	1.41785E-05		310	4.30915E-05
19.33306	68	1.34E-02	1.18E-02	2.83E+00		32	0.0056417		166.5	0.029354		7	0.001234		2	3.52604E-07		70.5	1.24293E-05		102	1.79628E-05		310	5.46536E-05
19.39972	72	1.82E-02	1.58E-02	3.79E+00		32	0.007543		166.5	0.039247		7	0.00165		2	4.71436E-07		70.5	1.66181E-05		102	2.40433E-05		310	7.30726E-05
19.46639	76	2.86E-02	2.34E-02	5.62E+00	37	37.5	0.0111848	159	138	0.058196	8	7	0.002447	1	3.5	6.99052E-07	82	65.5	2.46416E-05	85	81.5	3.56517E-05	342	325.5	0.000108353
19.53306	80	5.04E-02	3.95E-02	9.49E+00		37.5	0.0221253		138	0.081421		7	0.00413		3.5	2.06503E-06		65.5	3.86456E-05		81.5	4.80857E-05		325.5	0.000192048
19.59972	84	7.50E-02	6.27E-02	1.51E+01		37.5	0.0351116		138	0.129211		7	0.006554		3.5	3.27709E-06		65.5	6.13283E-05		81.5	7.63093E-05		325.5	0.000304769
19.66639	88	0.110982	9.30E-02	2.23E+01		37.5	0.052061		138	0.191584		7	0.009718		3.5	4.85903E-06		65.5	9.09332E-05		81.5	0.000113146		325.5	0.000451889
19.73306	92	0.1668688	1.39E-01	3.33E+01	38	29	0.077775	117	110.5	0.286212	6	5.5	0.014518	6	8	7.259E-06	49	36	0.000135847	78	66	0.000169031	309	264	0.000675087
19.79972	96	0.2354426	2.01E-01	4.83E+01		29	0.0870879		110.5	0.331835		5.5	0.016517		8	2.40242E-05		36	0.000108109		66	0.0001982		264	0.0007926
19.86639	100	0.2990765	2.67E-01	6.41E+01		29	0.1157067		110.5	0.440882		5.5	0.021944		8	3.19191E-05		36	0.000143636		66	0.000263333		264	0.00105333
19.93306	104	0.3642884	3.32E-01	7.96E+01	20	28	0.1435978	104	111	0.547157	5	6	0.027234	10	7.5	3.96132E-05	23	37	0.000178259	54	50	0.000326809	219	258	0.001307235
19.99972	108	0.4210051	3.93E-01	9.42E+01		28	0.1641298		111	0.650657		6	0.035171		7.5	4.39633E-05		37	0.000216886		50	0.000293089		258	0.001512339
20.06639	112	0.4659917	4.43E-01	1.06E+02		28	0.1853862		111	0.734924		6	0.039726		7.5	4.9657E-05		37	0.000244975		50	0.000331047		258	0.001708201
20.13305	116	0.4987441	4.82E-01	1.16E+02		28	0.201634		111	0.799335		6	0.043207		7.5	5.40091E-05		37	0.000266445		50	0.000360061		258	0.001857913
20.19972	120	0.5200511	5.09E-01	1.22E+02	36	35	0.2129326	118	142.5	0.844126	7	8	0.045628	5	5	5.70355E-05	51	53	0.000281375	46	51.5	0.000380237	297	258	0.001962022
20.26639	124	0.5355069	5.28E-01	1.27E+02		35	0.2757703		142.5	1.122779		8	0.063033		5	3.93958E-05		53	0.000417595		51.5	0.000405776		258	0.002032821
20.33306	128	0.5469695	5.41E-01	1.30E+02		35	0.2828029		142.5	1.151412		8	0.064641		5	4.04004E-05		53	0.000428244		51.5	0.000416124		258	0.002084661
20.39972	132	0.5553851	5.51E-01	1.32E+02		35	0.2879962		142.5	1.172556		8	0.065828		5	4.11423E-05		53	0.000436108		51.5	0.000423766		258	0.002122943
20.46639	136	0.5614638	5.58E-01	1.34E+02	34	29.5	0.2917829	167	126.5	1.187973	9	8	0.066693	5	4	4.16833E-05	55	56.5	0.000441843	57	60.5	0.000429338	219	235.5	0.002150857
20.53306	140	0.5657039	5.64E-01	1.35E+02		29.5	0.2482035		126.5	1.06433		8	0.067309		4	3.36547E-05		56.5	0.000475373		60.5	0.000509027		235.5	0.001981421
20.59972	144	0.5658455	5.66E-01	1.36E+02		29.5	0.2491683		126.5	1.068468		8	0.067571		4	3.37855E-05		56.5	0.000477221		60.5	0.000511006		235.5	0.001989124
20.66639	148	0.3873452	4.77E-01	1.14E+02		29.5	0.2098936		126.5	0.900052		8	0.05692		4	2.84601E-05		56.5	0.000402		60.5	0.00043046		235.5	0.001675591
20.73306	152	0.2992122	3.43E-01	8.24E+01	25	27.5	0.1511806	86	107.5	0.648283	7	8	0.040998	3	3	2.04991E-05	58	59.5	0.000289549	64	64.5	0.000310048	252	277	0.001206883
20.79972	156	0.2591057	2.79E-01	6.70E+01		27.5	0.1146071		107.5	0.44801		8	0.03334		3	1.25026E-05		59.5	0.000247968		64.5	0.000268806		277	0.001154406
20.86639	160	0.23288	2.46E-01	5.90E+01		27.5	0.100991		107.5	0.394783		8	0.029379		3	1.10172E-05		59.5	0.000218508		64.5	0.00023687		277	0.001017254
20.93306	164	0.2127922	2.23E-01	5.35E+01		27.5	0.0914841		107.5	0.35762		8	0.026614		3	9.98008E-06		59.5	0.000197938		64.5	0.000214572		277	0.000921494
20.99972	168	0.1959146	2.04E-01	4.90E+01	30	40.5	0.0838961	129	118	0.327958	9	9.5	0.024406	3	4	9.1523E-06	61	54	0.000181521	65	64	0.000196775	302	269	0.000845063
21.06639	172	0.183565	1.90E-01	4.55E+01		40.5	0.1147204		118	0.334247		9.5	0.02691		4	1.13304E-05		54	0.000152961		64	0.000161287		269	0.00076197
21.13305	176	0.1746494	1.79E-01	4.30E+01		40.5	0.1082918		118	0.315517		9.5	0.025402		4	1.06955E-05		54	0.000144389		64	0.000171128		269	0.00071927
21.19972	180	0.1681069	1.71E-01	4.11E+01	51	47	0.1036186	107	114	0.301901	10	9	0.024306	5	7	1.02339E-05	47	48	0.000138158	63	102.5	0.000163743	236	271	0.000688232
21.26639	184	0.1632256	1.66E-01	3.98E+01		47	0.116241		114	0.281946		9	0.022259		7	1.73125E-05		48	0.000118714		102.5	0.000253504		271	0.00067024
21.33306	188	0.1594773	1.61E-01	3.87E+01		47	0.1132135		114	0.274603		9	0.021679		7	1.68616E-05		48	0.000115622		102.5	0.000246902		271	0.000652784
21.39972	192	0.1564867	1.58E-01	3.79E+01		47	0.1106493		114	0.268868		9	0.021226		7	1.65095E-05		48	0.000113208		102.5	0.000241746		271	0.000639152
21.46639	196	0.1540915	1.55E-01	3.73E+01		47	0.1089598		114	0.264285		9	0.020865	9	7	1.6228E-05	49	42	0.000111278	142	140.5	0.000237825	306	294	0.000628257
21.53306	200	0.1521205	1.53E-01	3.67E+01		47	0.107428		114	0.26057		9	0.020571		7	1.59999E-05		42	9.59995E-05		140.5	0.000321141		294	0.000671996
21.59972	204	0.1504819	1.51E-01	3.63E+01		47	0.1061616		114	0.257498		9	0.020329		7	1.58113E-05		42	9.48678E-05		140.5	0.000317355		294	0.000664075
21.66639	208	0.1491013	1.50E-01	3.59E+01		47	0.1051024		114	0.254929		9	0.020126		7	1.56535E-05		42	9.39213E-05		140.5	0.000314189		294	0.000657449
21.73306	212	0.1479384	1.49E-01	3.56E+01		47	0.1042101		114	0.252765		9	0.019955		7	1.55206E-05		42	9.31239E-05		140.5	0.000311522		294	0.000651867
21.79972	216	0.1468467	1.47E-01	3.54E+01		47	0.1034191		114	0.250846		9	0.019804		7	1.54026E-05		42	9.24171E-05		140.5	0.000309157		294	0.000646919

Conduit CSO 1013

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
3.29E+03	6.33	7.68	23.56	1.65	0.00	0.01	0.02	0.05

Conduit CSO

Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
21.86639	220	0.1459255	1.46E-01	3.51E+01		47	0.1027129		114	0.249133		9	0.019668		7	1.52977E-05		42	9.1786E-05		140.5	0.000307046		294	0.000642502
21.93306	224	0.1450623	1.45E-01	3.49E+01		47	0.1020869		114	0.247615		9	0.019549	5	4	1.52044E-05	35	37.5	9.12266E-05	139	120.5	0.000305175	282	252.5	0.000638586
21.99972	228	0.1442247	1.45E-01	3.47E+01		47	0.1014902		114	0.246168		9	0.019434		4	8.63746E-06		37.5	8.09762E-05		120.5	0.000260204		252.5	0.00054524
22.06639	232	0.1427791	1.44E-01	3.44E+01		47	0.1006892		114	0.244225		9	0.019281		4	8.56929E-06		37.5	8.03371E-05		120.5	0.00025815		252.5	0.000540937
22.13305	236	0.1248365	1.34E-01	3.21E+01		47	0.0938872		114	0.227727		9	0.017978		4	7.9904E-06		37.5	7.491E-05		120.5	0.000240711		252.5	0.000504394
22.19972	240	0.1163642	1.21E-01	2.89E+01	43	48	0.0846201	121	91	0.205249	8	9	0.016204	3	4	7.20171E-06	40	37.5	6.75161E-05	102	120.5	0.000216952	223	252.5	0.000454608
22.26639	244	0.2541924	1.85E-01	4.45E+01		48	0.1327679		91	0.251706		9	0.024894		4	1.1064E-05		37.5	0.000103725		120.5	0.000333303		252.5	0.000698415
22.33306	248	0.261524	2.58E-01	6.19E+01		48	0.1847777		91	0.350306		9	0.034646		4	1.53981E-05		37.5	0.000144358		120.5	0.000463869		252.5	0.000972006
22.39972	252	0.2365417	2.49E-01	5.98E+01		48	0.1784536		91	0.338318		9	0.03346		4	1.48711E-05		37.5	0.000139417		120.5	0.000447993		252.5	0.00093874
22.46639	256	0.2064939	2.22E-01	5.32E+01		48	0.1587366		91	0.300938		9	0.029783	5	5	1.32281E-05	35	35	0.000124013	139	139	0.000398495	282	282	0.000835021
22.53306	260	0.1781576	1.92E-01	4.62E+01		48	0.137818		91	0.26128		9	0.025841		5	1.4356E-05		35	0.000100492		139	0.000399098		282	0.000809681
22.59972	264	0.1558784	1.67E-01	4.01E+01		48	0.1196828		91	0.226899		9	0.022441		5	1.2467E-05		35	8.72687E-05		139	0.000346582		282	0.000703137
22.66639	268	0.1387796	1.47E-01	3.54E+01		48	0.105574		91	0.200151		9	0.019795		5	1.09973E-05		35	7.6981E-05		139	0.000305725		282	0.000620247
22.73306	272	0.1259206	1.32E-01	3.18E+01		48	0.0948404		91	0.179602		9	0.017783	5	5	9.8792E-06	35	35	6.91544E-05	139	139	0.000274642	282	282	0.000557187
22.79972	276	0.1167799	1.21E-01	2.91E+01		48	0.088958		91	0.164858		9	0.016305		5	9.05813E-06		35	6.34069E-05		139	0.000251816		282	0.000510878
22.86639	280	0.11	1.13E-01	2.72E+01		48	0.0812537		91	0.154043		9	0.015235		5	8.46393E-06		35	5.92475E-05		139	0.000235297		282	0.000477365
22.93306	284	0.1045915	1.07E-01	2.58E+01		48	0.0766867		91	0.145764		9	0.014416	5	4	8.00903E-06	35	33.5	5.60632E-05	139	96	0.000222651	282	215	0.000451709
22.99972	288	0.1002322	1.02E-01	2.46E+01		48	0.0733869		91	0.139129		9	0.01376		4	6.11558E-06		33.5	5.1218E-05		96	0.000146774		215	0.000328712
23.06639	292	9.66E-02	9.84E-02	2.36E+01		48	0.0705193		91	0.133693		9	0.013222		4	5.87661E-06		33.5	4.92166E-05		96	0.000141039		215	0.000315868
23.13305	296	9.14E-02	9.40E-02	2.26E+01		48	0.0673418		91	0.127669		9	0.012627		4	5.61182E-06		33.5	4.6999E-05		96	0.000134684		215	0.000301635
23.19972	300	8.41E-02	8.77E-02	2.11E+01	53	53	0.0628677	61	61	0.119187	10	10	0.011788	3	4	5.23897E-06	32	29.5	4.38764E-05	53	65	0.000125735	148	171	0.000281595
23.26639	304	7.56E-02	7.99E-02	1.92E+01		53	0.0631979		61	0.072737		10	0.011924		4	4.76965E-06		29.5	3.51762E-05		65	7.75089E-05		171	0.000203903
23.33306	308	6.68E-02	7.12E-02	1.71E+01		53	0.056343		61	0.064848		10	0.010831		4	4.2523E-06		29.5	3.13607E-05		65	6.90999E-05		171	0.000181786
23.39972	312	5.80E-02	6.24E-02	1.50E+01		53	0.0493606		61	0.056811		10	0.009313		4	3.72533E-06		29.5	2.74743E-05		65	6.05366E-05		171	0.000159258
23.46639	316	4.72E-02	5.26E-02	1.26E+01		53	0.0416193		61	0.047902		10	0.007853	5	5	3.14108E-06	27	27	2.31655E-05	77	77	5.10426E-05	194	194	0.000134281
23.53306	320	3.77E-02	4.24E-02	1.02E+01		53	0.0335711		61	0.038638		10	0.006334		5	3.16708E-06		27	1.71023E-05		77	4.87731E-05		194	0.000122883
23.59972	324	3.04E-02	3.40E-02	8.17E+00		53	0.0269249		61	0.030989		10	0.00508		5	2.54009E-06		27	1.37165E-05		77	3.91174E-05		194	9.85555E-05
23.66639	328	2.47E-02	2.76E-02	6.62E+00		53	0.0218173		61	0.02511		10	0.004116		5	2.05823E-06		27	1.11145E-05		77	3.16968E-05		194	7.98594E-05
23.73306	332	2.10E-02	2.29E-02	5.49E+00		53	0.0181001		61	0.020832		10	0.003415		5	1.70756E-06		27	9.22081E-06		77	2.62964E-05		194	6.62532E-05
23.79972	336	1.86E-02	1.98E-02	4.75E+00		53	0.0156559		61	0.018019		10	0.002954		5	1.47697E-06		27	7.97566E-06		77	2.27454E-05		194	5.73066E-05
23.86639	340	1.66E-02	1.76E-02	4.21E+00		53	0.0138957		61	0.015993		10	0.002622		5	1.31092E-06		27	7.07696E-06		77	2.01881E-05		194	5.08636E-05
23.93306	344	1.49E-02	1.58E-02	3.78E+00		53	0.0124633		61	0.014345		10	0.002352	5	5	1.17578E-06	27	27	6.34922E-06	77	77	1.8107E-05	194	194	4.56203E-05
23.99972	348	1.36E-02	1.43E-02	3.43E+00		53	0.0113031		61	0.013009		10	0.002133		5	1.06633E-06		27	5.75817E-06		77	1.64214E-05		194	4.13735E-05
24.06639	352	1.25E-02	1.31E-02	3.14E+00		53	0.0103465		61	0.011908		10	0.001952		5	9.76088E-07		27	5.27088E-06		77	1.50318E-05		194	3.78722E-05
24.13305	356	1.11E-02	1.18E-02	2.83E+00		53	0.0093425		61	0.010753		10	0.001763		5	8.81368E-07		27	4.75939E-06		77	1.35731E-05		194	3.41971E-05
24.19972	360	9.21E-03	1.01E-02	2.44E+00		53	0.0080296		61	0.009242		10	0.001515		5	7.57512E-07		27	4.09056E-06		77	1.16657E-05		194	2.93915E-05
24.26639	364	7.09E-03	8.15E-03	1.96E+00		53	0.0064459		61	0.007419		10	0.001216		5	6.08107E-07		27	3.26378E-06		77	9.36486E-06		194	2.35946E-05
24.33306	368	4.94E-03	6.01E-03	1.44E+00		53	0.004757		61	0.005475		10	0.000898		5	4.48774E-07		27	2.42338E-06		77	6.91111E-06		194	1.74124E-05
24.39972	372	3.03E-03	3.98E-03	9.56E-01		53	0.0031525		61	0.003628		10	0.000595		5	2.97402E-07		27	1.60597E-06		77	4.57999E-06		194	1.15392E-05
24.46639	376	1.50E-03	2.27E-03	5.44E-01		53	0.0017932		61	0.002064		10	0.000338		5	1.69168E-07		27	9.13506E-07		77	2.60518E-06		194	6.56371E-06
24.53306	380	4.12E-04	9.57E-04	2.30E-01		53	0.0007569		61	0.000871		10	0.000143		5	7.14078E-08		27	3.85602E-07		77	1.09968E-06		194	2.77062E-06

Conduit CSO 1012

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
4.67E+04	5.67	109.58	342.48	23.37	0.02	0.14	0.25	0.78

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
18.79972	0	1.42E-04			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
18.86639	4	3.54E-04	2.48E-04	5.95E-02		80	0.0002962		761.5	0.00282		36.5	0.000135		7.5	2.77701E-08		172.5	6.39E-07		283.5	1.04971E-06		639	2.37E-06
18.93306	8	6.19E-04	4.87E-04	1.17E-01		80	0.0005811		761.5	0.005531		36.5	0.000265		7.5	5.44746E-08		172.5	1.25E-06		283.5	2.05914E-06		639	4.64E-06
18.99972	12	9.19E-04	7.69E-04	1.85E-01		80	0.0009186		761.5	0.008744		36.5	0.000419		7.5	8.61199E-08		172.5	1.98E-06		283.5	3.25533E-06		639	7.34E-06
19.06639	16	1.24E-03	1.08E-03	2.59E-01	69	58	0.0012866	451	358.5	0.012247	24	17.5	0.000587	4	5.5	1.2062E-07	130	107	2.77E-06	198	147.5	4.55944E-06	446	410.5	1.03E-05
19.13305	20	1.57E-03	1.40E-03	3.36E-01		58	0.0012132		358.5	0.007499		17.5	0.000366		5.5	1.15042E-07		107	2.24E-06		147.5	3.08521E-06		410.5	8.59E-06
19.19972	24	1.93E-03	1.75E-03	4.19E-01		58	0.0015122		358.5	0.009347		17.5	0.000456		5.5	1.43403E-07		107	2.79E-06		147.5	3.8458E-06		410.5	1.07E-05
19.26639	28	2.32E-03	2.12E-03	5.10E-01	47	42	0.0018394	266	238.5	0.01137	11	9.5	0.000555	7	5.5	1.74429E-07	84	69.5	3.39E-06	97	90.5	4.67787E-06	375	307	1.3E-05
19.33306	32	2.82E-03	2.57E-03	6.17E-01		42	0.0016114		238.5	0.009151		9.5	0.000364		5.5	2.11019E-07		69.5	2.67E-06		90.5	3.47222E-06		307	1.18E-05
19.39972	36	3.65E-03	3.23E-03	7.76E-01		42	0.0020283		238.5	0.011518		9.5	0.000459		5.5	2.65606E-07		69.5	3.36E-06		90.5	4.37043E-06		307	1.48E-05
19.46639	40	6.00E-03	4.83E-03	1.16E+00		42	0.0030255		238.5	0.017181		9.5	0.000684		5.5	3.96201E-07		69.5	5.01E-06		90.5	6.51931E-06		307	2.21E-05
19.53306	44	1.09E-02	8.44E-03	2.03E+00	37	32	0.0052942	211	192.5	0.030064	8	7	0.001198	4	3.5	6.93293E-07	55	57	8.76E-06	84	101.5	1.14078E-05	239	258.5	3.87E-05
19.59972	48	2.10E-02	1.60E-02	3.83E+00		32	0.007627		192.5	0.045881		7	0.001668		3.5	8.34202E-07		57	1.36E-05		101.5	2.41919E-05		258.5	6.16E-05
19.66639	52	5.19E-02	3.65E-02	8.75E+00		32	0.0174242		192.5	0.104818		7	0.003812		3.5	1.90578E-06		57	3.1E-05		101.5	5.52675E-05		258.5	0.000141
19.73306	56	0.1036844	7.78E-02	1.87E+01		32	0.0371844		192.5	0.223567		7	0.00813		3.5	4.06486E-06		57	6.62E-05		101.5	0.000117881		258.5	0.0003
19.79972	60	0.1702155	1.37E-01	3.29E+01	27	32	0.0654243	174	166.5	0.393568	6	7	0.014312	3	2	7.15578E-06	59	70.5	0.000117	119	102	0.000207516	278	310	0.000529
19.86639	64	0.3965465	2.83E-01	6.80E+01		32	0.135378		166.5	0.704389		7	0.029614		2	8.46112E-06		70.5	0.000298		102	0.000431517		310	0.001311
19.93306	68	0.9072418	6.52E-01	1.56E+02		32	0.3114257		166.5	1.620387		7	0.068124		2	1.94641E-05		70.5	0.000686		102	0.000992689		310	0.003017
19.99972	72	1.47731	1.19E+00	2.86E+02		32	0.5695791		166.5	2.963591		7	0.124595		2	3.55987E-05		70.5	0.001255		102	0.001815533		310	0.005518
20.06639	76	2.038563	1.76E+00	4.22E+02	37	37.5	0.8398089	159	138	4.369831	8	7	0.183708	1	3.5	5.24881E-05	82	65.5	0.00185	85	81.5	0.002676891	342	325.5	0.008136
20.13305	80	2.582916	2.31E+00	5.55E+02		37.5	1.2936285		138	4.760553		7	0.241477		3.5	0.000120739		65.5	0.00226		81.5	0.002811486		325.5	0.011229
20.19972	84	3.069603	2.83E+00	6.78E+02		37.5	1.5822337		138	5.82262		7	0.29535		3.5	0.000147675		65.5	0.002784		81.5	0.003438721		325.5	0.013734
20.26639	88	3.492533	3.28E+00	7.87E+02		37.5	1.8368505		138	6.75961		7	0.342879		3.5	0.000171439		65.5	0.003208		81.5	0.003992088		325.5	0.015944
20.33306	92	3.855326	3.67E+00	8.82E+02	38	29	2.0567874	117	110.5	7.568978	6	5.5	0.383934	6	8	0.000191967	49	36	0.003593	78	66	0.004470085	309	264	0.017853
20.39972	96	4.156299	4.01E+00	9.61E+02		29	1.7342669		110.5	6.608155		5.5	0.328913		8	0.000478418		36	0.002153		66	0.003946952		264	0.015788
20.46639	100	4.405783	4.28E+00	1.03E+03		29	1.8534237		110.5	7.062183		5.5	0.351511		8	0.000511289		36	0.002301		66	0.004218137		264	0.016873
20.53306	104	4.60937	4.51E+00	1.08E+03	20	28	1.9514994	104	111	7.435886	5	6	0.370112	10	7.5	0.000538345	23	37	0.002423	54	50	0.004441343	219	258	0.017765
20.59972	108	4.763261	4.69E+00	1.12E+03		28	1.9589208		111	7.765722		6	0.419769		7.5	0.000524711		37	0.002589		50	0.003498073		258	0.01605
20.66639	112	5.056242	4.91E+00	1.18E+03		28	2.052319		111	8.135979		6	0.439783		7.5	0.000549728		37	0.002712		50	0.003664855		258	0.018911
20.73306	116	5.181248	5.12E+00	1.23E+03		28	2.1396801		111	8.482303		6	0.458503		7.5	0.000573129		37	0.002827		50	0.003820857		258	0.019716
20.79972	120	5.185606	5.18E+00	1.24E+03	36	35	2.1667177	118	142.5	8.589488	7	8	0.464297	5	5	0.000580371	51	53	0.002863	46	51.5	0.003869139	297	258	0.019965
20.86639	124	5.13977	5.16E+00	1.24E+03		35	2.6975608		142.5	10.98293		8	0.616585		5	0.000385366		53	0.004085		51.5	0.003969268		258	0.019685
20.93306	128	5.077711	5.11E+00	1.23E+03		35	2.6693727		142.5	10.86816		8	0.610142		5	0.000381339		53	0.004042		51.5	0.003927791		258	0.019677
20.99972	132	5.015494	5.05E+00	1.21E+03		35	2.6369049		142.5	10.73597		8	0.602721		5	0.000376701		53	0.003993		51.5	0.003880017		258	0.019438
21.06639	136	4.959668	4.99E+00	1.20E+03	34	29.5	2.6060655	167	126.5	10.61041	9	8	0.595672	5	4	0.000372295	55	56.5	0.003946	57	60.5	0.003834639	219	235.5	0.01921
21.13305	140	4.91235	4.94E+00	1.18E+03		29.5	2.1738285		126.5	9.321671		8	0.589513		4	0.000294756		56.5	0.004163		60.5	0.004458191		235.5	0.017354
21.19972	144	4.873915	4.89E+00	1.17E+03		29.5	2.1549456		126.5	9.240699		8	0.584392		4	0.000292196		56.5	0.004127		60.5	0.004419465		235.5	0.017203
21.26639	148	4.843743	4.86E+00	1.17E+03		29.5	2.1398383		126.5	9.175917		8	0.580295		4	0.000290148		56.5	0.004098		60.5	0.004388482		235.5	0.017062
21.33306	152	4.82038	4.83E+00	1.16E+03	25	27.5	2.1280498	86	107.5	9.125366	7	8	0.577098	3	3	0.000288549	58	59.5	0.004076	64	64.5	0.004364306	252	277	0.016988
21.39972	156	4.802496	4.81E+00	1.15E+03		27.5	1.9753084		107.5	7.72166		8	0.574635		3	0.000215488		59.5	0.004274		64.5	0.004632996		277	0.019897
21.46639	160	4.789011	4.80E+00	1.15E+03		27.5	1.9688692		107.5	7.696489		8	0.572762		3	0.000214786		59.5	0.00426		64.5	0.004617893		277	0.019832
21.53306	164	4.779019	4.78E+00	1.15E+03		27.5	1.96405		107.5	7.67765		8	0.57136		3	0.00021426		59.5	0.004249		64.5	0.00460659		277	0.019783
21.59972	168	4.771784	4.78E+00	1.15E+03	30	40.5	1.9605138	129	118	7.663827	9	9.5	0.570331	3	4	0.000213874	61	54	0.004242	65	64	0.004596296	302	269	0.019748
21.66639	172	4.766644	4.77E+00	1.14E+03		40.5	2.8835611		118	8.401487		9.5	0.676391		4	0.000284796		54	0.003845		64	0.004556736		269	0.019153
21.73306	176	4.76315	4.76E+00	1.14E+03		40.5	2.8809509		118	8.393882		9.5	0.675779		4	0.000284538		54	0.003841		64	0.004552614		269	0.019135
21.79972	180	4.760839	4.76E+00	1.14E+03	51	47	2.879196	107	114	8.388769	10	9	0.675367	5	7	0.000284365	47	48	0.003839	63	102.5	0.004549641	236	271	0.019124
21.86639	184	4.759729	4.76E+00	1.14E+03		47	3.340089		114	8.101493		9	0.639592		7	0.00049746		48	0.003411		102.5	0.007284237		271	0.019259
21.93306	188	4.759156	4.76E+00	1.14E+03		47	3.3394986		114	8.10006		9	0.639478		7	0.000497372		48	0.003411		102.5	0.007282949		271	0.019255
21.99972	192	4.759578	4.76E+00	1.14E+03		47	3.3394456		114	8.099932		9	0.639468		7	0.000497364		48	0.00341		102.5	0.007282833		271	0.019255
22.06639	196	4.756198	4.76E+00	1.14E+03		47	3.3384078		114	8.097415		9	0.63927	9	7	0.00049721	49	42	0.003409	142	140.5	0.00728057	306	294	0.019249
22.13305	200	4.677989	4.72E+00	1.13E+03		47	3.3097841		114	8.027987		9	0.633788		7	0.000492947		42	0.002958		140.5	0.009894142		294	0.020704
22.19972	204	4.51352	4.60E+00	1.10E+03		47	3.2246457		114	7.821481		9	0.617485		7	0.000480266		42	0.002882		140.5	0.009639632		294	0.020171
22.26639	208	3.880527	4.20E+00	1.01E+03		47	2.9448731		114	7.142884		9	0.563912		7	0.000438598		42	0.002632		140.5	0.008803291		294	0.018421
22.33306	212	3.561071	3.72E+00	8.93E+02		47	2.6107266		114	6.332401		9	0.499926		7	0.000388832		42	0.002333		140.5	0.007804406		294	0.016331
22.39972	216	3.299483	3.43E+00	8.23E+02		47	2.4068796		114	5.837963		9	0.460892		7	0.000358471		42	0.002151		140.5	0.007195034		294	0.015056
22.46639	220	3.036481	3.17E+00	7.60E+02		47	2.2228384		114	5.391565		9	0.42565		7	0.000331061		42	0.001986		140.5	0.006644868		294	0.013905

Conduit CSO 1012

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
4.67E+04	5.67	109.58	342.48	23.37	0.02	0.14	0.25	0.78

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
22.53306	224	2.825298	2.93E+00	7.03E+02		47	2.0584806		114	4.988059		9	0.393794	5	4	0.000306284	35	37.5	0.001838	139	120.5	0.008147564	282	252.5	0.012864
22.59972	228	2.575878	2.70E+00	6.48E+02		47	1.8948879		114	4.596111		9	0.362851		4	0.000161287		37.5	0.001512		120.5	0.00485817		252.5	0.01018
22.66639	232	2.319865	2.45E+00	5.87E+02		47	1.7175674		114	4.166015		9	0.328696		4	0.000146176		37.5	0.00137		120.5	0.004403551		252.5	0.009227
22.73306	236	2.089394	2.20E+00	5.29E+02		47	1.5468948		114	3.752043		9	0.296214		4	0.000131651		37.5	0.001234		120.5	0.003965975		252.5	0.00831
22.79972	240	1.902272	2.00E+00	4.79E+02	43	48	1.4003912	121	91	3.396694	8	9	0.26816	3	4	0.000119182	40	37.5	0.001117	102	120.5	0.003590365	223	252.5	0.007523
22.86639	244	1.760649	1.83E+00	4.40E+02		48	1.3123997		91	2.488091		9	0.246075		4	0.000109367		37.5	0.001025		120.5	0.00329467		252.5	0.006904
22.93306	248	1.649198	1.70E+00	4.09E+02		48	1.221725		91	2.316187		9	0.229073		4	0.00010181		37.5	0.000954		120.5	0.003067039		252.5	0.006427
22.99972	252	1.559465	1.60E+00	3.85E+02		48	1.1496421		91	2.17953		9	0.215558		4	9.58035E-05		37.5	0.000898		120.5	0.002886081		252.5	0.006048
23.06639	256	1.471093	1.52E+00	3.64E+02		48	1.0858283		91	2.05855		9	0.203593	5	5	9.04857E-05	35	35	0.000848	139	139	0.002725881	282	282	0.005712
23.13305	260	1.36992	1.42E+00	3.41E+02		48	1.0179156		91	1.929798		9	0.190859		5	0.000106033		35	0.000742		139	0.002947714		282	0.00598
23.19972	264	1.264161	1.32E+00	3.16E+02		48	0.9437733		91	1.789237		9	0.176957		5	9.83097E-05		35	0.000688		139	0.00273301		282	0.005545
23.26639	268	1.148721	1.21E+00	2.90E+02		48	0.8645192		91	1.638984		9	0.162097		5	9.00541E-05		35	0.00063		139	0.002503504		282	0.005079
23.33306	272	1.030468	1.09E+00	2.62E+02		48	0.7807886		91	1.480245		9	0.146398	5	5	8.13321E-05	35	35	0.000569	139	139	0.002261034	282	282	0.004587
23.39972	276	0.896989	9.64E-01	2.31E+02		48	0.6905947		91	1.309253		9	0.129487		5	7.1937E-05		35	0.000504		139	0.001999847		282	0.004057
23.46639	280	0.7704042	8.34E-01	2.00E+02		48	0.5974156		91	1.1326		9	0.112015		5	6.22308E-05		35	0.000436		139	0.001730018		282	0.00351
23.53306	284	0.6716658	7.21E-01	1.73E+02		48	0.5166839		91	0.979547		9	0.096878	5	4	5.38212E-05	35	33.5	0.000377	139	96	0.00149823	282	215	0.003036
23.59972	288	0.5795437	6.26E-01	1.50E+02		48	0.4482999		91	0.849902		9	0.084056		4	3.73583E-05		33.5	0.000313		96	0.0006966		215	0.002008
23.66639	292	0.4905512	5.35E-01	1.28E+02		48	0.3834077		91	0.726877		9	0.071889		4	3.19506E-05		33.5	0.000268		96	0.000766815		215	0.001717
23.73306	296	0.4063906	4.49E-01	1.08E+02		48	0.3220847		91	0.610619		9	0.060391		4	2.68404E-05		33.5	0.000225		96	0.000644169		215	0.001443
23.79972	300	0.3385434	3.73E-01	8.96E+01	53	53	0.2876214	61	61	0.507366	10	10	0.050179	3	4	2.23018E-05	32	29.5	0.000187	53	65	0.000535243	148	171	0.001199
23.86639	304	0.2783886	3.08E-01	7.40E+01		53	0.2440878		61	0.280908		10	0.046051		4	1.84202E-05		29.5	0.000136		65	0.000299328		171	0.000787
23.93306	308	0.2252036	2.52E-01	6.04E+01		53	0.1992288		61	0.229301		10	0.03759		4	1.50361E-05		29.5	0.000111		65	0.000244337		171	0.000643
23.99972	312	0.1806718	2.03E-01	4.87E+01		53	0.1605706		61	0.184808		10	0.030296		4	1.21185E-05		29.5	8.94E-05		65	0.000196926		171	0.000518
24.06639	316	0.1400872	1.60E-01	3.85E+01		53	0.1268972		61	0.146051		10	0.023943	5	5	9.57715E-06	27	27	7.06E-05	77	77	0.000155629	194	194	0.000409
24.13305	320	9.61E-02	1.18E-01	2.83E+01		53	0.0934468		61	0.107552		10	0.017631		5	8.61574E-06		27	4.76E-05		77	0.000135762		194	0.000342
24.19972	324	5.35E-02	7.48E-02	1.79E+01		53	0.0591768		61	0.068109		10	0.011165		5	5.58271E-06		27	3.01E-05		77	8.59738E-05		194	0.000217
24.26639	328	2.57E-02	3.96E-02	9.49E+00		53	0.031299		61	0.036023		10	0.005905		5	2.95274E-06		27	1.59E-05		77	4.54722E-05		194	0.000115
24.33306	332	1.30E-02	1.93E-02	4.64E+00		53	0.0153077		61	0.017618		10	0.002888		5	1.44412E-06		27	7.8E-06		77	2.22395E-05		194	5.6E-05
24.39972	336	4.99E-03	9.02E-03	2.16E+00		53	0.0071343		61	0.006211		10	0.001346		5	6.73045E-07		27	3.63E-06		77	1.03649E-05		194	2.61E-05
24.46639	340	8.43E-04	2.92E-03	7.00E-01		53	0.0023084		61	0.002657		10	0.000436		5	2.17769E-07		27	1.18E-06		77	3.35365E-06		194	8.45E-06
	344		4.21E-04	1.01E-01		53	0.0003333		61	0.000384		10	6.29E-05	5	5	3.1448E-08	27	27	1.7E-07	77	77	4.843E-07	194	194	1.22E-06
	348		0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
	352		0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
	356		0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
	360		0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0

Conduit CSO 1011

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.83E+02	8.20	0.70	2.03	0.15	0.00	0.00	0.00	0.00

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
24.66639	444	7.26E-03	8.17E-03	1.96E+00		53	0.0064609		61	0.007436		10	0.001219		5	6.09518E-07		27	3.29139E-06		77	9.38657E-06		194	2.36493E-05
24.73306	448	5.91E-03	6.59E-03	1.58E+00		53	0.0052108		61	0.005997		10	0.000983		5	4.9158E-07		27	2.65453E-06		77	7.57034E-06		194	1.90733E-05
24.79972	452	4.86E-03	5.39E-03	1.29E+00		53	0.0042637		61	0.004907		10	0.000804		5	4.02234E-07		27	2.17206E-06		77	6.1944E-06		194	1.56087E-05
24.86639	456	3.99E-03	4.43E-03	1.06E+00		53	0.0035034		61	0.004032		10	0.000661		5	3.30507E-07		27	1.78474E-06		77	5.0898E-06		194	1.28237E-05
24.93306	460	3.28E-03	3.63E-03	8.72E-01		53	0.0028755		61	0.00331		10	0.000543		5	2.71278E-07		27	1.4649E-06		77	4.17768E-06		194	1.05256E-05
24.99972	464	2.64E-03	2.96E-03	7.10E-01		53	0.0023417		61	0.002695		10	0.000442		5	2.20919E-07		27	1.19296E-06		77	3.40216E-06		194	8.57167E-06
25.06639	468	2.06E-03	2.36E-03	5.67E-01		53	0.00187		61	0.002152		10	0.000353		5	1.76414E-07		27	9.52635E-07		77	2.71677E-06		194	6.84486E-06
25.13305	472	1.61E-03	1.85E-03	4.43E-01		53	0.0014621		61	0.001683		10	0.000276		5	1.37935E-07		27	7.44848E-07		77	2.1242E-06		194	5.35187E-06
25.19972	476	1.21E-03	1.41E-03	3.38E-01		53	0.0011158		61	0.001284		10	0.000211		5	1.05263E-07		27	5.68418E-07		77	1.62104E-06		194	4.08419E-06
25.26639	480	8.69E-04	1.04E-03	2.49E-01		53	0.0008223		61	0.000946		10	0.000155		5	7.75783E-08		27	4.18923E-07		77	1.19471E-06		194	3.01004E-06
25.33306	484	5.78E-04	7.24E-04	1.74E-01		53	0.0005725		61	0.000659		10	0.000108		5	5.40124E-08		27	2.91667E-07		77	8.31791E-07		194	2.09568E-06
25.39972	488	3.39E-04	4.59E-04	1.10E-01		53	0.0003628		61	0.000418		10	6.85E-05		5	3.42304E-08		27	1.84844E-07		77	5.27149E-07		194	1.32814E-06
25.46639	492	1.41E-04	2.40E-04	5.76E-02		53	0.00019		61	0.000219		10	3.58E-05		5	1.79241E-08		27	9.67904E-08		77	2.76032E-07		194	6.95457E-07

Conduit CSO 1011

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.83E+02	8.20	0.70	2.03	0.15	0.00	0.00	0.00	0.00

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
17.26639	0	3.46E-05			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
17.33306	4	1.61E-04	9.78E-05	2.35E-02		80	0.0001168		761.5	0.001111		36.5	5.33E-05		7.5	1.09454E-08		172.5	2.51745E-07		283.5	4.13737E-07		639	9.3255E-07
17.39972	8	4.12E-04	2.87E-04	6.88E-02		80	0.0003424		761.5	0.003259		36.5	0.000156		7.5	3.20964E-08		172.5	7.38216E-07		283.5	1.21324E-06		639	2.73461E-06
17.46639	12	7.71E-04	5.92E-04	1.42E-01		80	0.0007069		761.5	0.006729		36.5	0.000323		7.5	6.62754E-08		172.5	1.52433E-06		283.5	2.50521E-06		639	5.64666E-06
17.53306	16	1.20E-03	9.85E-04	2.36E-01	69	58	0.0011769	451	358.5	0.011202	24	17.5	0.000537	4	5.5	1.10331E-07	130	107	2.5376E-06	198	147.5	4.17049E-06	446	410.5	9.40016E-06
17.59972	20	1.66E-03	1.43E-03	3.43E-01		58	0.0012383		358.5	0.007654		17.5	0.000374		5.5	1.17423E-07		107	2.28441E-06		147.5	3.14907E-06		410.5	8.76402E-06
17.66639	24	2.10E-03	1.88E-03	4.52E-01		58	0.0016303		358.5	0.010077		17.5	0.000492		5.5	1.54594E-07		107	3.00755E-06		147.5	4.14592E-06		410.5	1.15383E-05
17.73306	28	2.51E-03	2.31E-03	5.54E-01	47	42	0.0019993	266	238.5	0.012358	11	9.5	0.000603	7	5.5	1.89593E-07	84	69.5	3.68844E-06	97	90.5	5.08454E-06	375	307	1.41505E-05
17.79972	32	2.86E-03	2.69E-03	6.45E-01		42	0.0016854		238.5	0.009571		9.5	0.000381		5.5	2.20704E-07		69.5	2.7889E-06		90.5	3.63158E-06		307	1.23193E-05
17.86639	36	3.14E-03	3.00E-03	7.21E-01		42	0.0018831		238.5	0.010693		9.5	0.000426		5.5	2.46593E-07		69.5	3.11604E-06		90.5	4.05758E-06		307	1.37644E-05
17.93306	40	3.36E-03	3.25E-03	7.81E-01		42	0.0020392		238.5	0.01158		9.5	0.000461		5.5	2.67034E-07		69.5	3.37434E-06		90.5	4.39393E-06		307	1.49054E-05
17.99972	44	3.53E-03	3.44E-03	8.26E-01	37	32	0.0021589	211	192.5	0.01226	8	7	0.000488	4	3.5	2.82719E-07	55	57	3.57254E-06	84	101.5	4.65201E-06	239	258.5	1.57809E-05
18.06639	48	3.66E-03	3.60E-03	8.63E-01		32	0.0017176		192.5	0.010333		7	0.000376		3.5	1.87867E-07		57	3.05955E-06		101.5	5.44815E-06		258.5	1.38753E-05
18.13305	52	3.82E-03	3.74E-03	8.98E-01		32	0.001788		192.5	0.010756		7	0.000391		3.5	1.95566E-07		57	3.18493E-06		101.5	5.67141E-06		258.5	1.44439E-05
18.19972	56	4.12E-03	3.97E-03	9.53E-01		32	0.0018974		192.5	0.011414		7	0.000415		3.5	2.07532E-07		57	3.3798E-06		101.5	6.01841E-06		258.5	1.53277E-05
18.26639	60	4.57E-03	4.35E-03	1.04E+00	27	32	0.002077	174	166.5	0.012495	6	7	0.000454	3	2	2.27173E-07	59	70.5	3.69968E-06	119	102	6.58802E-06	278	310	1.67784E-05
18.33306	64	5.24E-03	4.91E-03	1.18E+00		32	0.0023444		166.5	0.012198		7	0.000513		2	1.46522E-07		70.5	5.1649E-06		102	7.47262E-06		310	2.27109E-05
18.39972	68	6.13E-03	5.68E-03	1.36E+00		32	0.0027157		166.5	0.01413		7	0.000594		2	1.69734E-07		70.5	5.98313E-06		102	8.65844E-06		310	2.63088E-05
18.46639	72	7.23E-03	6.68E-03	1.60E+00		32	0.0031914		166.5	0.016605		7	0.000698		2	1.99464E-07		70.5	7.03112E-06		102	1.01727E-05		310	3.0917E-05
18.53306	76	8.47E-03	7.85E-03	1.88E+00	37	37.5	0.0037508	159	138	0.019516	8	7	0.00082	1	3.5	2.34424E-07	82	65.5	8.26344E-06	85	81.5	1.19556E-05	342	325.5	3.63357E-05
18.59972	80	9.69E-03	9.08E-03	2.18E+00		37.5	0.0050842		138	0.01871		7	0.000949		3.5	4.74523E-07		65.5	8.88036E-06		81.5	1.10496E-05		325.5	4.41306E-05
18.66639	84	1.08E-02	1.02E-02	2.46E+00		37.5	0.0057287		138	0.021081		7	0.001069		3.5	5.34675E-07		65.5	1.00061E-05		81.5	1.24503E-05		325.5	4.97248E-05
18.73306	88	1.16E-02	1.12E-02	2.68E+00		37.5	0.0062581		138	0.02303		7	0.001168		3.5	5.8409E-07		65.5	1.09308E-05		81.5	1.3601E-05		325.5	5.43204E-05
18.79972	92	1.21E-02	1.18E-02	2.84E+00	38	29	0.0066292	117	110.5	0.024395	6	5.5	0.001237	6	8	6.18721E-07	49	36	1.15789E-05	78	66	1.44074E-05	309	264	5.7541E-05
18.86639	96	1.25E-02	1.23E-02	2.95E+00		29	0.0053169		110.5	0.020259		5.5	0.001008		8	1.46674E-06		36	6.60031E-06		66	1.21006E-05		264	4.84023E-05
18.93306	100	1.28E-02	1.26E-02	3.03E+00		29	0.0054626		110.5	0.020814		5.5	0.001036		8	1.50693E-06		36	6.78116E-06		66	1.24321E-05		264	4.97285E-05
18.99972	104	1.30E-02	1.29E-02	3.09E+00	20	28	0.0055765	104	111	0.021248	5	6	0.001058	10	7.5	1.53834E-06	23	37	6.92254E-06	54	50	1.26913E-05	219	258	5.07653E-05
19.06639	108	1.32E-02	1.31E-02	3.14E+00		28	0.0054718		111	0.021692		6	0.001173		7.5	1.46567E-06		37	7.23066E-06		50	9.77116E-06		258	5.04192E-05
19.13305	112	1.33E-02	1.33E-02	3.18E+00		28	0.0055449		111	0.021982		6	0.001188		7.5	1.48525E-06		37	7.32725E-06		50	9.90169E-06		258	5.10927E-05
19.19972	116	1.34E-02	1.34E-02	3.21E+00		28	0.0055917		111	0.022167		6	0.001198		7.5	1.49778E-06		37	7.38906E-06		50	9.98522E-06		258	5.15237E-05
19.26639	120	1.35E-02	1.35E-02	3.23E+00	36	35	0.0056253	118	142.5	0.0223	7	8	0.001205	5	5	1.50677E-06	51	53	7.43339E-06	46	51.5	1.00451E-05	297	258	5.18328E-05
19.33306	124	1.36E-02	1.35E-02	3.25E+00		35	0.0070725		142.5	0.028795		8	0.001617		5	1.01036E-06		53	1.07098E-05		51.5	1.04067E-05		258	5.21344E-05
19.39972	128	1.38E-02	1.37E-02	3.28E+00		35	0.007151		142.5	0.029115		8	0.001635		5	1.02158E-06		53	1.08287E-05		51.5	1.05222E-05		258	5.27133E-05
19.46639	132	1.51E-02	1.44E-02	3.46E+00		35	0.0075409		142.5	0.030702		8	0.001724		5	1.07728E-06		53	1.14191E-05		51.5	1.1096E-05		258	5.55876E-05
19.53306	136	1.67E-02	1.69E-02	4.05E+00	34	29.5	0.0088214	167	126.5	0.035916	9	8	0.002016	5	4	1.2602E-06	55	56.5	1.33581E-05	57	60.5	1.29801E-05	219	235.5	6.50263E-05
19.59972	140	2.76E-02	2.32E-02	5.56E+00		29.5	0.0102017		126.5	0.043746		8	0.002767		4	1.38329E-06		56.5	1.95389E-05		60.5	2.09222E-05		235.5	8.14409E-05
19.66639	144	5.02E-02	3.89E-02	9.33E+00		29.5	0.0171275		126.5	0.073445		8	0.004645		4	2.32238E-06		56.5	3.28036E-05		60.5	3.51259E-05		235.5	0.00013673
19.73306	148	9.51E-02	7.26E-02	1.74E+01		29.5	0.0319942		126.5	0.137195		8	0.008676		4	4.33819E-06		56.5	6.1277E-05		60.5	6.56152E-05		235.5	0.000255411
19.79972	152	0.148582	1.22E-01	2.92E+01	25	27.5	0.0536679	86	107.5	0.230135	7	8	0.014554	3	3	7.277E-06	58	59.5	0.000102788	64	64.5	0.000110085	252	277	0.000428433
19.86639	156	0	7.43E-02	1.78E+01		27.5	0.0304997		107.5	0.119226		8	0.008873		3	3.32724E-06		59.5	6.59904E-05		64.5	7.15358E-05		277	0.000307216
19.93306	160	1.45E-04	7.24E-05	1.74E-02		27.5	2.972E-05		107.5	0.000116		8	8.65E-06		3	3.24241E-09		59.5	6.43077E-08		64.5	6.97117E-08		277	2.99382E-07
19.99972	164	0	7.24E-05	1.74E-02		27.5	2.972E-05		107.5	0.000116		8	8.65E-06		3	3.24241E-09		59.5	6.43077E-08		64.5	6.97117E-08		277	2.99382E-07
20.06639	168	1.03E-04	5.13E-05	1.23E-02	30	40.5	2.104E-05	129	118	8.23E-05	9	9.5	6.12E-06	3	4	2.29577E-09	61	54	4.55327E-08	65	64	4.9359E-08	302	269	2.11976E-07
20.13305	172	2.01E-03	1.05E-03	2.53E-01		40.5	0.0006377		118	0.001858		9.5	0.00015		4	6.29808E-08		54	8.5024E-07		64	1.00769E-06		269	4.23546E-06
20.19972	176	6.80E-03	4.41E-03	1.06E+00		40.5	0.0026635		118	0.00776		9.5	0.000625		4	2.63065E-07		54	3.55138E-06		64	4.20904E-06		269	1.76911E-05
20.26639	180	1.36E-02	1.02E-02	2.44E+00	51	47	0.0061586	107	114	0.017944	10	9	0.001445	5	7	6.08259E-07	47	48	8.2115E-06	63	102.5	9.73215E-06	236	271	4.09054E-05
20.33306	184	2.11E-02	1.73E-02	4.16E+00		47	0.0121492		114	0.029468		9	0.002326		7	1.80946E-06		48	1.24077E-05		102.5	2.64957E-05		271	7.0052E-05
20.39972	188	2.83E-02	2.47E-02	5.92E+00		47	0.0173136		114	0.041995		9	0.003315		7	2.57862E-06		48	1.7682E-05		102.5	3.77584E-05		271	9.98294E-05
20.46639	192	3.47E-02	3.15E-02	7.56E+00		47	0.0220986		114	0.053601		9	0.004232		7	3.29128E-06		48	2.25688E-05		102.5	4.81937E-05		271	0.00012742
20.53306	196	4.00E-02	3.73E-02	8.96E+00		47	0.0261999		114	0.063549		9	0.005017	9	7	3.90211E-06	49	42	2.67573E-05	142	140.5	5.7138E-05	306	294	0.000151087
20.59972	200	4.29E-02	4.14E-02	9.94E+00		47	0.029064		114	0.070496		9	0.005565		7	4.32867E-06		42	2.5972E-05		140.5	6.68827E-05		294	0.000181804
20.66639	204	4.27E-02	4.28E-02	1.03E+01		47	0.0300359		114	0.072853		9	0.005752		7	4.47344E-06		42	2.68406E-05		140.5	6.97883E-05		294	0.000187884
20.73306	208	3.52E-02	3.90E-02	9.35E+00		47	0.0273398		114	0.066314		9	0.005235		7	4.07189E-06		42	2.44313E-05		140.5	6.17286E-05		294	0.000171019
20.79972	212	2.63E-02	3.07E-02	7.38E+00		47	0.0215754		114	0.052332		9	0.004131		7	3.21335E-06		42	1.92801E-05		140.5	6.44966E-05		294	0.000134961
20.86639	216	1.94E-02	2.28E-02	5.48E+00		47	0.0160322		114	0.038887		9	0.00307		7	2.38777E-06		42	1.43266E-05		140.5	4.79259E-05		294	0.000100286

Conduit CSO 1011

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.83E+02	8.20	0.70	2.03	0.15	0.00	0.00	0.00	0.00

Conduit CSO

Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
20.93306	220	1.46E-02	1.70E-02	4.07E+00		47	0.0119077		114	0.028883		9	0.00228		7	1.77349E-06		42	1.06409E-05		140.5	3.55965E-05		294	7.44866E-05
20.99972	224	1.13E-02	1.29E-02	3.11E+00		47	0.0090606		114	0.022026		9	0.001739	5	4	1.35246E-06	35	37.5	8.11476E-06	139	120.5	2.71458E-05	282	252.5	5.68033E-05
21.06639	228	9.15E-03	1.02E-02	2.46E+00		47	0.0071821		114	0.01742		9	0.001375		4	6.1124E-07		37.5	5.73037E-06		120.5	1.84136E-05		252.5	3.85845E-05
21.13305	232	7.67E-03	8.41E-03	2.02E+00		47	0.0059025		114	0.014317		9	0.00113		4	5.02341E-07		37.5	4.70945E-06		120.5	1.5133E-05		252.5	3.17103E-05
21.19972	236	6.67E-03	7.17E-03	1.72E+00		47	0.0050339		114	0.01221		9	0.000984		4	4.28415E-07		37.5	4.01639E-06		120.5	1.2908E-05		252.5	2.70437E-05
21.26639	240	5.98E-03	6.33E-03	1.52E+00	43	48	0.0044384	121	91	0.010786	8	9	0.00085	3	4	3.7774E-07	40	37.5	3.54131E-06	102	120.5	1.13794E-05	223	252.5	2.38449E-05
21.33306	244	5.50E-03	5.74E-03	1.38E+00		48	0.004112		91	0.007786		9	0.000771		4	3.42669E-07		37.5	3.21252E-06		120.5	1.03229E-05		252.5	2.1631E-05
21.39972	248	5.18E-03	5.34E-03	1.28E+00		48	0.0038257		91	0.007253		9	0.000717		4	3.18807E-07		37.5	2.98882E-06		120.5	9.60406E-06		252.5	2.01247E-05
21.46639	252	4.96E-03	5.07E-03	1.22E+00		48	0.0036313		91	0.006884		9	0.000681		4	3.02606E-07		37.5	2.83693E-06		120.5	9.11602E-06		252.5	1.9102E-05
21.53306	256	4.82E-03	4.89E-03	1.17E+00		48	0.0035022		91	0.00664		9	0.000657	5	5	2.9185E-07	35	35	2.7361E-06	139	139	8.79199E-06	282	282	1.84231E-05
21.59972	260	4.74E-03	4.78E-03	1.15E+00		48	0.0034242		91	0.006492		9	0.000642		5	3.56692E-07		35	2.49684E-06		139	9.91603E-06		282	2.01174E-05
21.66639	264	4.69E-03	4.72E-03	1.13E+00		48	0.0033797		91	0.006407		9	0.000634		5	3.52052E-07		35	2.46437E-06		139	9.78705E-06		282	1.98557E-05
21.73306	268	4.66E-03	4.68E-03	1.12E+00		48	0.0033528		91	0.006356		9	0.000629		5	3.49248E-07		35	2.44474E-06		139	9.7091E-06		282	1.96976E-05
21.79972	272	4.68E-03	4.67E-03	1.12E+00		48	0.003348		91	0.006347		9	0.000628	5	5	3.48754E-07	35	35	2.44128E-06	139	139	9.69537E-06	282	282	1.96898E-05
21.86639	276	4.71E-03	4.70E-03	1.13E+00		48	0.0033644		91	0.006378		9	0.000631		5	3.50457E-07		35	2.4532E-06		139	9.74271E-06		282	1.97658E-05
21.93306	280	4.76E-03	4.73E-03	1.14E+00		48	0.0033913		91	0.006429		9	0.000636		5	3.53265E-07		35	2.47285E-06		139	9.82076E-06		282	1.99241E-05
21.99972	284	4.83E-03	4.79E-03	1.15E+00		48	0.0034356		91	0.006513		9	0.000644	5	4	3.57877E-07	35	33.5	2.50514E-06	139	96	6.94898E-06	282	215	2.01843E-05
22.06639	288	4.80E-03	4.82E-03	1.16E+00		48	0.0034521		91	0.006545		9	0.000647		4	2.87674E-07		33.5	2.40927E-06		96	6.90417E-06		215	1.54825E-05
22.13305	292	2.65E-03	3.72E-03	8.94E-01		48	0.0026685		91	0.005059		9	0.0005		4	2.22373E-07		33.5	1.86237E-06		96	5.33895E-06		215	1.19526E-05
22.19972	296	0	1.32E-03	3.18E-01		48	0.0009481		91	0.001798		9	0.000178		4	7.90114E-08		33.5	6.6172E-07		96	1.89627E-06		215	4.24686E-06
22.26639	300	0	0.00E+00	0.00E+00	53	53	0	61	61	0	10	10	0	3	4	0	32	29.5	0	53	65	0	148	171	0
22.33306	304	1.67E-04	8.36E-05	2.01E-02		53	6.614E-05		61	7.61E-05		10	1.25E-05		4	4.99193E-09		29.5	3.68155E-08		65	8.11188E-08		171	2.13405E-07
22.39972	308	0	8.36E-05	2.01E-02		53	6.614E-05		61	7.61E-05		10	1.25E-05		4	4.99193E-09		29.5	3.68155E-08		65	8.11188E-08		171	2.13405E-07
22.46639	312	0	0.00E+00	0.00E+00		53	0		61	0		10	0		4	0		29.5	0		65	0		171	0
22.53306	316	1.52E-04	7.61E-05	1.83E-02		53	6.023E-05		61	6.93E-05		10	1.14E-05	5	5	4.54533E-09	27	27	3.35218E-06	77	77	7.38617E-06	194	194	1.94313E-07
22.59972	320	0	7.61E-05	1.83E-02		53	6.023E-05		61	6.93E-05		10	1.14E-05		5	5.68167E-09		27	3.0681E-06		77	8.74977E-06		194	2.20449E-07
22.66639	324	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
22.73306	328	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
22.79972	332	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
22.86639	336	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
22.93306	340	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
22.99972	344	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
23.06639	348	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
23.13305	352	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
23.19972	356	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
23.26639	360	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
23.33306	364	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
23.39972	368	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
23.46639	372	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
23.53306	376	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
23.59972	380	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
23.66639	384	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
23.73306	388	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
23.79972	392	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
23.86639	396	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
23.93306	400	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
23.99972	404	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
24.06639	408	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
24.13305	412	1.13E-02	5.63E-03	1.35E+00		53	0.0044562		61	0.005129		10	0.000841		5	4.204E-07		27	2.27016E-06		77	6.47416E-06		194	1.63115E-05
24.19972	416	2.19E-02	1.66E-02	3.98E+00		53	0.0131165		61	0.015096		10	0.002475		5	1.2374E-06		27	6.68198E-06		77	1.9056E-05		194	4.80112E-05
24.26639	420	2.36E-02	2.28E-02	5.46E+00		53	0.0180066		61	0.020725		10	0.003397		5	1.69874E-06		27	9.17318E-06		77	2.61606E-05		194	6.5911E-05
24.33306	424	2.13E-02	2.25E-02	5.40E+00		53	0.0177901		61	0.020475		10	0.003357		5	1.67831E-06		27	9.06288E-06		77	2.5846E-05		194	6.51185E-05
24.39972	428	1.81E-02	1.97E-02	4.73E+00		53	0.0155959		61	0.01795		10	0.002943		5	1.47131E-06		27	7.94506E-06		77	2.26581E-05		194	5.70867E-05
24.46639	432	1.49E-02	1.65E-02	3.95E+00		53	0.0130381		61	0.015006		10	0.00246		5	1.23001E-06		27	6.64204E-06		77	1.89421E-05		194	4.77243E-05
24.53306	436	1.16E-02	1.33E-02	3.18E+00		53	0.0104914		61	0.012075		10	0.00198		5	9.8975E-07		27	5.34465E-06		77	1.52422E-05		194	3.84023E-05
24.59972	440	9.07E-03	1.04E-02	2.49E+00		53	0.0081948		61	0.009432		10	0.001546		5	7.73098E-07		27	4.17473E-06		77	1.19057E-05		194	2.99962E-05

Conduit CSO 1010

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
-6.82E+01	2.40	-0.16	-0.92	-0.04	0.00	0.00	0.00	0.00

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
19.93306	0	-9.80E-04			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
19.99972	4	-2.30E-03	-1.64E-03	-3.94E-01		80	-0.001959		761.5	-0.018647		36.5	-0.000894		7.5	-1.83658E-07		172.5	-4.22E-06		283.5	-8.94227E-06		639	-1.56E-05
20.06639	8	-3.72E-03	-3.01E-03	-7.23E-01		80	-0.003597		761.5	-0.034241		36.5	-0.001641		7.5	-3.3724E-07		172.5	-7.76E-06		283.5	-1.27477E-05		639	-2.87E-05
20.13305	12	-5.19E-03	-4.45E-03	-1.07E+00		80	-0.005321		761.5	-0.050646		36.5	-0.002428		7.5	-4.98807E-07		172.5	-1.15E-05		283.5	-1.88549E-05		639	-4.25E-05
20.19972	16	-6.62E-03	-5.90E-03	-1.42E+00	69	58	-0.007048	451	358.5	-0.067083	24	17.5	-0.003215	4	5.5	-6.60703E-07	130	107	-1.52E-05	198	147.5	-2.49746E-05	446	410.5	-5.63E-05
20.26639	20	-7.97E-03	-7.29E-03	-1.75E+00		58	-0.006314		358.5	-0.039025		17.5	-0.001905		5.5	-5.98703E-07		107	-1.16E-05		147.5	-1.60561E-05		410.5	-4.47E-05
20.33306	24	-9.22E-03	-8.59E-03	-2.06E+00		58	-0.007439		358.5	-0.045982		17.5	-0.002245		5.5	-7.05435E-07		107	-1.37E-05		147.5	-1.89185E-05		410.5	-5.27E-05
20.39972	28	-1.03E-02	-9.78E-03	-2.35E+00	47	42	-0.008467	266	238.5	-0.052335	11	9.5	-0.002555	7	5.5	-8.02908E-07	84	69.5	-1.56E-05	97	90.5	-2.15325E-05	375	307	-5.99E-05
20.46639	32	-1.14E-02	-1.08E-02	-2.60E+00		42	-0.006802		238.5	-0.038624		9.5	-0.001538		5.5	-8.90703E-07		69.5	-1.13E-05		90.5	-1.46561E-05		307	-4.97E-05
20.53306	36	-1.22E-02	-1.18E-02	-2.83E+00		42	-0.007395		238.5	-0.04199		9.5	-0.001673		5.5	-9.68331E-07		69.5	-1.22E-05		90.5	-1.59334E-05		307	-5.41E-05
20.59972	40	-1.28E-02	-1.25E-02	-3.01E+00		42	-0.00786		238.5	-0.044632		9.5	-0.001778		5.5	-1.02926E-06		69.5	-1.3E-05		90.5	-1.69359E-05		307	-5.75E-05
20.66639	44	-1.27E-02	-1.28E-02	-3.07E+00	37	32	-0.00801	211	192.5	-0.045488	8	7	-0.001812	4	3.5	-1.04895E-06	55	57	-1.33E-05	84	101.5	-1.72599E-05	239	258.5	-5.86E-05
20.73306	48	-1.22E-02	-1.25E-02	-2.99E+00		32	-0.005958		192.5	-0.035843		7	-0.001303		3.5	-6.517E-07		57	-1.06E-05		101.5	-1.88993E-05		258.5	-4.81E-05
20.79972	52	-1.16E-02	-1.19E-02	-2.86E+00		32	-0.005698		192.5	-0.034276		7	-0.001246		3.5	-6.23206E-07		57	-1.01E-05		101.5	-1.8073E-05		258.5	-4.6E-05
20.86639	56	-1.10E-02	-1.13E-02	-2.71E+00		32	-0.005399		192.5	-0.032478		7	-0.001181		3.5	-5.90509E-07		57	-9.62E-06		101.5	-1.71248E-05		258.5	-4.36E-05
20.93306	60	-1.04E-02	-1.07E-02	-2.56E+00	27	32	-0.0051	174	166.5	-0.03068	6	7	-0.001116	3	2	-5.57821E-07	59	70.5	-9.08E-06	119	102	-1.61768E-05	278	310	-4.12E-05
20.99972	64	-9.82E-03	-1.01E-02	-2.42E+00		32	-0.004822		166.5	-0.025087		7	-0.001055		2	-3.01351E-07		70.5	-1.06E-05		102	-1.53689E-05		310	-4.67E-05
21.06639	68	-9.33E-03	-9.57E-03	-2.30E+00		32	-0.004573		166.5	-0.023792		7	-0.001		2	-2.85784E-07		70.5	-1.01E-05		102	-1.4575E-05		310	-4.43E-05
21.13305	72	-8.91E-03	-9.12E-03	-2.19E+00		32	-0.004356		166.5	-0.022663		7	-0.000953		2	-2.72231E-07		70.5	-9.6E-06		102	-1.38838E-05		310	-4.22E-05
21.19972	76	-8.55E-03	-8.73E-03	-2.09E+00	37	37.5	-0.004169	159	138	-0.021691	8	7	-0.000912	1	3.5	-2.60556E-07	82	65.5	-9.18E-06	85	81.5	-1.32883E-05	342	325.5	-4.04E-05
21.26639	80	-8.24E-03	-8.39E-03	-2.01E+00		37.5	-0.004698		138	-0.017287		7	-0.000877		3.5	-4.38442E-07		65.5	-8.21E-06		81.5	-1.02094E-05		325.5	-4.08E-05
21.33306	84	-7.98E-03	-8.11E-03	-1.95E+00		37.5	-0.004538		138	-0.016701		7	-0.000847		3.5	-4.23575E-07		65.5	-7.93E-06		81.5	-9.86324E-06		325.5	-3.94E-05
21.39972	88	-7.76E-03	-7.87E-03	-1.89E+00		37.5	-0.004404		138	-0.016205		7	-0.000822		3.5	-4.11005E-07		65.5	-7.69E-06		81.5	-9.57054E-06		325.5	-3.82E-05
21.46639	92	-7.57E-03	-7.66E-03	-1.84E+00	38	29	-0.00429	117	110.5	-0.015786	6	5.5	-0.000801	6	8	-4.00381E-07	49	36	-7.49E-06	78	66	-9.32316E-06	309	264	-3.72E-05
21.53306	96	-7.41E-03	-7.49E-03	-1.80E+00		29	-0.003244		110.5	-0.012359		5.5	-0.000615		8	-8.94783E-07		36	-4.03E-06		66	-7.38196E-06		264	-2.95E-05
21.59972	100	-7.28E-03	-7.35E-03	-1.76E+00		29	-0.003181		110.5	-0.012119		5.5	-0.000603		8	-8.77404E-07		36	-3.95E-06		66	-7.23858E-06		264	-2.9E-05
21.66639	104	-7.17E-03	-7.22E-03	-1.73E+00	20	28	-0.003127	104	111	-0.011916	5	6	-0.000593	10	7.5	-8.62684E-07	23	37	-3.88E-06	54	50	-7.11715E-06	219	258	-2.85E-05
21.73306	108	-7.07E-03	-7.12E-03	-1.71E+00		28	-0.002976		111	-0.011797		6	-0.000638		7.5	-7.97088E-07		37	-3.93E-06		50	-5.31392E-06		258	-2.74E-05
21.79972	112	-6.99E-03	-7.03E-03	-1.69E+00		28	-0.002939		111	-0.01165		6	-0.00063		7.5	-7.8717E-07		37	-3.88E-06		50	-5.2478E-06		258	-2.71E-05
21.86639	116	-6.92E-03	-6.96E-03	-1.67E+00		28	-0.002908		111	-0.011529		6	-0.000623		7.5	-7.78956E-07		37	-3.84E-06		50	-5.19304E-06		258	-2.68E-05
21.93306	120	-6.86E-03	-6.89E-03	-1.65E+00	36	35	-0.002882	118	142.5	-0.011423	7	8	-0.000617	5	5	-7.71849E-07	51	53	-3.81E-06	46	51.5	-5.14586E-06	297	258	-2.66E-05
21.99972	124	-6.82E-03	-6.84E-03	-1.64E+00		35	-0.003574		142.5	-0.01455		8	-0.000817		5	-5.10521E-07		53	-5.41E-06		51.5	-5.25837E-06		258	-2.63E-05
22.06639	128	-6.74E-03	-6.78E-03	-1.63E+00		35	-0.003542		142.5	-0.014419		8	-0.00081		5	-5.05939E-07		53	-5.36E-06		51.5	-5.21117E-06		258	-2.61E-05
22.13305	132	-5.71E-03	-6.23E-03	-1.49E+00		35	-0.003253		142.5	-0.013246		8	-0.000744		5	-4.64777E-07		53	-4.93E-06		51.5	-4.78721E-06		258	-2.4E-05
22.19972	136	-3.92E-03	-4.81E-03	-1.16E+00	34	29.5	-0.002516	167	126.5	-0.010243	9	8	-0.000575	5	4	-3.59404E-07	55	56.5	-3.81E-06	57	60.5	-3.70186E-06	219	235.5	-1.85E-05
22.26639	140	-2.18E-03	-3.05E-03	-7.32E-01		29.5	-0.001343		126.5	-0.00576		8	-0.000364		4	-1.82122E-07		56.5	-2.57E-06		60.5	-2.7546E-06		235.5	-1.07E-05
22.33306	144	-7.81E-04	-1.48E-03	-3.56E-01		29.5	-0.000653		126.5	-0.002798		8	-0.000177		4	-8.84863E-08		56.5	-1.25E-06		60.5	-1.33836E-06		235.5	-5.21E-06
	148		-3.91E-04	-9.37E-02		29.5	-0.000172		126.5	-0.000738		8	-4.67E-05		4	-2.3326E-08		56.5	-3.29E-07		60.5	-3.52806E-07		235.5	-1.37E-06
	152		0.00E+00	0.00E+00	25	25	0	86	86	0	7	7	0	3	3	0	58	58	0	64	64	0	252	252	0

Conduit CSO 1009

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
6.13E+02	2.53	1.44	7.85	0.34	0.00	0.00	0.00	0.01

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
19.73306	0	8.46E-04			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		632	639	
19.79972	4	3.18E-03	2.01E-03	4.83E-01		80	0.002404		761.5	0.02288		36.5	0.001097		7.5	2.25346E-07		172.5	5.18296E-06		283.5	8.51606E-06		639	1.91995E-05
19.86639	8	6.93E-03	6.06E-03	1.45E+00		80	0.007233		761.5	0.06885		36.5	0.0033		7.5	6.78103E-07		172.5	1.55964E-05		283.5	2.56323E-05		639	5.77744E-05
19.93306	12	2.10E-02	1.50E-02	3.59E+00		80	0.017873		761.5	0.170127		36.5	0.008154		7.5	1.67558E-06		172.5	3.85384E-05		283.5	6.3337E-05		639	0.00014276
19.99972	16	4.17E-02	3.14E-02	7.52E+00	69	58	0.037445	451	358.5	0.356429	24	17.5	0.017084	4	5.5	3.51046E-06	130	107	8.07406E-05	198	147.5	0.000132695	446	410.5	0.000299091
20.06639	20	7.10E-02	5.64E-02	1.35E+01		58	0.048793		358.5	0.301591		17.5	0.014722		5.5	4.62692E-06		107	9.00146E-05		147.5	0.000124086		410.5	0.000345337
20.13305	24	9.05E-02	8.07E-02	1.94E+01		58	0.069912		358.5	0.432128		17.5	0.021094		5.5	6.62958E-06		107	0.000128976		147.5	0.000177793		410.5	0.000494808
20.19972	28	0.1064651	9.85E-02	2.36E+01	47	42	0.085269	266	238.5	0.527051	11	9.5	0.025728	7	5.5	8.08586E-06	84	69.5	0.000157307	97	90.5	0.000216848	375	307	0.000603499
20.26639	32	0.1196721	1.13E-01	2.71E+01		42	0.070895		238.5	0.402585		9.5	0.016036		5.5	9.28393E-06		69.5	0.000117315		90.5	0.000152763		307	0.000518212
20.33306	36	0.1316021	1.26E-01	3.02E+01		42	0.078776		238.5	0.447336		9.5	0.017818		5.5	1.03159E-05		69.5	0.000130356		90.5	0.000169744		307	0.000575816
20.39972	40	0.1426051	1.37E-01	3.29E+01		42	0.085966		238.5	0.488163		9.5	0.019445		5.5	1.12574E-05		69.5	0.000142253		90.5	0.000185236		307	0.000628369
20.46639	44	0.1499158	1.46E-01	3.51E+01	37	32	0.091707	211	192.5	0.520766	8	7	0.020743	4	3.5	1.20093E-05	55	57	0.000151754	84	101.5	0.000197607	239	258.5	0.000670336
20.53306	48	0.1524165	1.51E-01	3.63E+01		32	0.072216		192.5	0.434423		7	0.015797		3.5	7.8986E-06		57	0.000128634		101.5	0.000229059		258.5	0.000583368
20.59972	52	0.1501086	1.51E-01	3.63E+01		32	0.072262		192.5	0.4347		7	0.015807		3.5	7.90363E-06		57	0.000128716		101.5	0.000229205		258.5	0.00058374
20.66639	56	0.1426021	1.46E-01	3.51E+01		32	0.069918		192.5	0.420597		7	0.015284		3.5	7.64723E-06		57	0.000124541		101.5	0.00022177		258.5	0.000564802
20.73306	60	0.1315055	1.37E-01	3.29E+01	27	32	0.065474	174	166.5	0.393867	6	7	0.014322	3	2	7.16121E-06	59	70.5	0.000116625	119	102	0.000207675	278	310	0.000528907
20.79972	64	0.1183633	1.25E-01	3.00E+01		32	0.059684		166.5	0.310544		7	0.013056		2	3.73026E-06		70.5	0.000131492		102	0.000190243		310	0.000578191
20.86639	68	0.1046664	1.12E-01	2.68E+01		32	0.053273		166.5	0.277188		7	0.011654		2	3.32958E-06		70.5	0.000117368		102	0.000169609		310	0.000516086
20.93306	72	9.21E-02	9.84E-02	2.36E+01		32	0.046996		166.5	0.244525		7	0.01028		2	2.93724E-06		70.5	0.000103538		102	0.000149799		310	0.000455272
20.99972	76	8.18E-02	8.69E-02	2.09E+01	37	37.5	0.041534	159	138	0.216104	8	7	0.009085	1	3.5	2.59585E-06	82	65.5	9.15037E-05	85	81.5	0.000132388	342	325.5	0.000402357
21.06639	80	7.42E-02	7.80E-02	1.87E+01		37.5	0.043664		138	0.160682		7	0.008151		3.5	4.07527E-06		65.5	7.62658E-05		81.5	9.48956E-05		325.5	0.000379
21.13305	84	6.89E-02	7.15E-02	1.72E+01		37.5	0.040052		138	0.14739		7	0.007476		3.5	3.73814E-06		65.5	6.99567E-05		81.5	8.70453E-05		325.5	0.000347847
21.19972	88	6.38E-02	6.63E-02	1.59E+01		37.5	0.03713		138	0.136838		7	0.006931		3.5	3.46545E-06		65.5	6.48534E-05		81.5	8.08954E-05		325.5	0.000322287
21.26639	92	5.95E-02	6.16E-02	1.48E+01	38	29	0.034509	117	110.5	0.126994	6	5.5	0.006442	6	8	3.22087E-06	49	36	6.02762E-05	78	66	7.50002E-05	309	264	0.000299541
21.33306	96	5.58E-02	5.77E-02	1.38E+01		29	0.02497		110.5	0.095145		5.5	0.004736		8	6.88831E-06		36	3.09974E-05		66	5.68286E-05		264	0.000227314
21.39972	100	5.19E-02	5.39E-02	1.29E+01		29	0.023327		110.5	0.088883		5.5	0.004424		8	6.435E-06		36	2.89575E-05		66	5.30887E-05		264	0.000212355
21.46639	104	4.79E-02	4.99E-02	1.20E+01	20	28	0.021614	104	111	0.082358	5	6	0.004099	10	7.5	5.96254E-06	23	37	2.68314E-05	54	50	4.9191E-05	219	258	0.000196764
21.53306	108	4.39E-02	4.59E-02	1.10E+01		28	0.01919		111	0.076074		6	0.004112		7.5	5.14016E-06		37	2.53581E-05		50	3.42677E-05		258	0.000176821
21.59972	112	3.99E-02	4.19E-02	1.01E+01		28	0.017506		111	0.0694		6	0.003751		7.5	4.68917E-06		37	2.31333E-05		50	3.12612E-05		258	0.000161308
21.66639	116	3.56E-02	3.77E-02	9.05E+00		28	0.015761		111	0.062481		6	0.003377		7.5	4.22168E-06		37	2.08269E-05		50	2.81445E-05		258	0.000145226
21.73306	120	3.15E-02	3.35E-02	8.05E+00	36	35	0.014024	118	142.5	0.055594	7	8	0.003005	5	5	3.75635E-06	51	53	1.85313E-05	46	51.5	2.50423E-05	297	258	0.000129218
21.79972	124	2.78E-02	2.97E-02	7.12E+00		35	0.015496		142.5	0.06309		8	0.003542		5	2.21368E-06		53	2.3465E-05		51.5	2.28009E-05		258	0.000114226
21.86639	128	2.42E-02	2.60E-02	6.23E+00		35	0.013573		142.5	0.055263		8	0.003102		5	1.93905E-06		53	2.05539E-05		51.5	1.99722E-05		258	0.000100055
21.93306	132	2.08E-02	2.25E-02	5.40E+00		35	0.011765		142.5	0.047899		8	0.002689		5	1.68067E-06		53	1.78151E-05		51.5	1.73109E-05		258	8.67228E-05
21.99972	136	1.77E-02	1.93E-02	4.63E+00	34	29.5	0.010082	167	126.5	0.041048	9	8	0.002304	5	4	1.44028E-06	55	56.5	1.5267E-05	57	60.5	1.48349E-05	219	235.5	7.43187E-05
22.06639	140	1.48E-02	1.63E-02	3.90E+00		29.5	0.007158		126.5	0.030696		8	0.001941		4	9.70622E-07		56.5	1.371E-05		60.5	1.46807E-05		235.5	5.71454E-05
22.13305	144	1.01E-02	1.24E-02	2.98E+00		29.5	0.005468		126.5	0.023449		8	0.001483		4	7.41466E-07		56.5	1.04732E-05		60.5	1.12147E-05		235.5	4.36538E-05
22.19972	148	4.64E-03	7.35E-03	1.77E+00		29.5	0.003239		126.5	0.013869		8	0.000878		4	4.39185E-07		56.5	6.20349E-06		60.5	6.64267E-06		235.5	2.5857E-05
22.26639	152	5.66E-04	2.60E-03	6.25E-01	25	25	0.001147	86	86	0.004919	7	7	0.000311	3	3	1.55528E-07	58	58	2.19684E-06	64	64	2.35237E-06	252	252	9.15674E-06

Conduit CSO 1008

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.63E+04	4.33	58.68	219.44	13.07	0.01	0.09	0.13	0.45

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
20.33306	0	1.49E-02			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
20.39972	4	5.92E-02	3.70E-02	6.89E+00		80	0.04422981		761.5	0.421012		36.5	0.02018		7.5	4.14654E-06		172.5	9.54E-05		283.5	0.000157		639	0.000353
20.46639	8	0.1367345	9.80E-02	2.35E+01		80	0.11699316		761.5	1.113629		36.5	0.053378		7.5	1.09681E-05		172.5	0.000252		283.5	0.000415		639	0.000934
20.53306	12	0.2079473	1.72E-01	4.14E+01		80	0.20582857		761.5	1.959231		36.5	0.093909		7.5	1.92964E-05		172.5	0.000444		283.5	0.000729		639	0.001644
20.59972	16	0.2797007	2.44E-01	5.85E+01	69	58	0.2912016	451	358.5	2.771875	24	17.5	0.132861	4	5.5	2.73002E-05	130	107	0.000628	198	147.5	0.001032	446	410.5	0.002326
20.66639	20	0.3518742	3.16E-01	7.58E+01		58	0.27343253		358.5	1.690096		17.5	0.082501		5.5	2.59289E-05		107	0.000504		147.5	0.000695		410.5	0.001935
20.73306	24	0.4249861	3.88E-01	9.32E+01		58	0.33633204		358.5	2.07888		17.5	0.101479		5.5	3.18938E-05		107	0.00062		147.5	0.000855		410.5	0.00238
20.79972	28	0.4921129	4.59E-01	1.10E+02	47	42	0.39704665	266	238.5	2.454159	11	9.5	0.119799	7	5.5	3.7651E-05	84	69.5	0.000732	97	90.5	0.00101	375	307	0.00281
20.86639	32	0.5502766	5.21E-01	1.25E+02		42	0.32679593		238.5	1.855734		9.5	0.073918		5.5	4.27947E-05		69.5	0.000541		90.5	0.000704		307	0.002389
20.93306	36	0.6026849	5.76E-01	1.38E+02		42	0.36146096		238.5	2.052582		9.5	0.081759		5.5	4.73342E-05		69.5	0.000598		90.5	0.000779		307	0.002642
20.99972	40	0.6563044	6.29E-01	1.51E+02		42	0.39470139		238.5	2.24134		9.5	0.089278		5.5	5.16871E-05		69.5	0.000653		90.5	0.00085		307	0.002885
21.06639	44	0.7186832	6.87E-01	1.65E+02	37	32	0.43106761	211	192.5	2.447848	8	7	0.097503	4	3.5	5.64493E-05	55	57	0.000713	84	101.5	0.000929	239	258.5	0.003151
21.13305	48	0.7995734	7.59E-01	1.82E+02		32	0.38265401		192.5	2.181591		7	0.079331		3.5	3.96853E-05		57	0.000646		101.5	0.00115		258.5	0.00293
21.19972	52	0.9158227	8.58E-01	2.06E+02		32	0.40974317		192.5	2.464861		7	0.089631		3.5	4.48157E-05		57	0.00073		101.5	0.0013		258.5	0.00331
21.26639	56	1.064581	9.90E-01	2.38E+02		32	0.47304345		192.5	2.845852		7	0.103478		3.5	5.17391E-05		57	0.000843		101.5	0.0015		258.5	0.003821
21.33306	60	1.254793	1.16E+00	2.78E+02	27	32	0.55401062	174	166.5	3.33272	6	7	0.12119	3	2	6.05949E-05	59	70.5	0.000987	119	102	0.001757	278	310	0.004475
21.39972	64	1.485678	1.37E+00	3.29E+02		32	0.65459474		166.5	3.405938		7	0.143193		2	4.09122E-05		70.5	0.001442		102	0.002087		310	0.006341
21.46639	68	1.718273	1.60E+00	3.84E+02		32	0.76530256		166.5	3.981965		7	0.16741		2	4.78314E-05		70.5	0.001686		102	0.002439		310	0.007414
21.53306	72	1.920211	1.82E+00	4.37E+02		32	0.86909604		166.5	4.522015		7	0.190115		2	5.43185E-05		70.5	0.001915		102	0.00277		310	0.008419
21.59972	76	2.084036	2.00E+00	4.81E+02	37	37.5	0.95646297	159	138	4.976596	8	7	0.209226	1	3.5	5.97789E-05	82	65.5	0.002107	85	81.5	0.003049	342	325.5	0.009266
21.66639	80	2.237723	2.16E+00	5.19E+02		37.5	1.20973191		138	4.451813		7	0.225817		3.5	0.000112908		65.5	0.002113		81.5	0.002629		325.5	0.0105
21.73306	84	2.374141	2.31E+00	5.53E+02		37.5	1.29093711		138	4.750849		7	0.240975		3.5	0.000120487		65.5	0.002255		81.5	0.002806		325.5	0.011205
21.79972	88	2.502912	2.44E+00	5.85E+02		37.5	1.3651679		138	5.023818		7	0.254831		3.5	0.000127416		65.5	0.002384		81.5	0.002967		325.5	0.01185
21.86639	92	2.623531	2.56E+00	6.15E+02	38	29	1.43497629	117	110.5	5.280713	6	5.5	0.267862	6	8	0.000133931	49	36	0.002506	78	66	0.003119	309	264	0.012458
21.93306	96	2.73972	2.68E+00	6.44E+02		29	1.16097654		110.5	4.423721		5.5	0.220185		8	0.000320269		36	0.001441		66	0.002642		264	0.010569
21.99972	100	2.855632	2.80E+00	6.71E+02		29	1.21121917		110.5	4.615163		5.5	0.229714		8	0.000334129		36	0.001504		66	0.002757		264	0.011026
22.06639	104	2.9653	2.91E+00	6.99E+02	20	28	1.2600502	104	111	4.801226	5	6	0.238975	10	7.5	0.0003476	23	37	0.001564	54	50	0.002868	219	258	0.011471
22.13305	108	3.05955	3.01E+00	7.23E+02		28	1.25921995		111	4.991908		6	0.269833		7.5	0.000337291		37	0.001664		50	0.002249		258	0.011603
22.19972	112	3.134974	3.10E+00	7.43E+02		28	1.29468255		111	5.132492		6	0.277432		7.5	0.00034679		37	0.001711		50	0.002312		258	0.01193
22.26639	116	3.18021	3.16E+00	7.58E+02		28	1.31990102		111	5.232485		6	0.282836		7.5	0.000353545		37	0.001744		50	0.002357		258	0.012162
22.33306	120	3.201291	3.19E+00	7.66E+02	36	35	1.33376156	118	142.5	5.287412	7	8	0.285806	5	5	0.000357258	51	53	0.001762	46	51.5	0.002382	297	258	0.01229
22.39972	124	3.196129	3.20E+00	7.68E+02		35	1.67136088		142.5	6.804826		8	0.382025		5	0.000238766		53	0.002531		51.5	0.002459		258	0.01232
22.46639	128	3.170274	3.18E+00	7.64E+02		35	1.66325752		142.5	6.771834		8	0.380173		5	0.000237608		53	0.002519		51.5	0.002447		258	0.012261
22.53306	132	3.129306	3.15E+00	7.56E+02		35	1.64579965		142.5	6.700756		8	0.376183		5	0.000235114		53	0.002492		51.5	0.002422		258	0.012132
22.59972	136	3.074017	3.10E+00	7.44E+02	34	29.5	1.62065198	167	126.5	6.598369	9	8	0.370435	5	4	0.000231522	55	56.5	0.002454	57	60.5	0.002385	219	235.5	0.011947
22.66639	140	3.002763	3.04E+00	7.29E+02		29.5	1.3381132		126.5	5.738011		8	0.362878		4	0.000181439		56.5	0.002563		60.5	0.002744		235.5	0.010682
22.73306	144	2.92833	2.97E+00	7.12E+02		29.5	1.30603277		126.5	5.600446		8	0.354178		4	0.000177089		56.5	0.002501		60.5	0.002678		235.5	0.010426
22.79972	148	2.852578	2.89E+00	6.94E+02		29.5	1.27296188		126.5	5.458633		8	0.34521		4	0.000172605		56.5	0.002438		60.5	0.002611		235.5	0.010162
22.86639	152	2.776839	2.81E+00	6.76E+02	25	27.5	1.23960341	86	107.5	5.315587	7	8	0.336164	3	3	0.000168082	58	59.5	0.002374	64	64.5	0.002542	252	277	0.009896
22.93306	156	2.700729	2.74E+00	6.57E+02		27.5	1.12439213		107.5	4.395351		8	0.327096		3	0.000122661		59.5	0.002433		64.5	0.002637		277	0.011326
22.99972	160	2.628622	2.66E+00	6.40E+02		27.5	1.09396731		107.5	4.276418		8	0.318245		3	0.000119342		59.5	0.002367		64.5	0.002566		277	0.011019
23.06639	164	2.558525	2.59E+00	6.22E+02		27.5	1.06477679		107.5	4.162309		8	0.309753		3	0.000116157		59.5	0.002304		64.5	0.002497		277	0.010725
23.13305	168	2.484249	2.52E+00	6.05E+02	30	40.5	1.03514103	129	118	4.04646	9	9.5	0.301132	3	4	0.000112924	61	54	0.00224	65	64	0.002428	302	269	0.010427
23.19972	172	2.409663	2.45E+00	5.87E+02		40.5	1.47947797		118	4.310578		9.5	0.347038		4	0.000146121		54	0.001973		64	0.002338		269	0.009827
23.26639	176	2.329584	2.37E+00	5.69E+02		40.5	1.43272121		118	4.174348		9.5	0.33607		4	0.000141503		54	0.00191		64	0.002264		269	0.009516
23.33306	180	2.24395	2.29E+00	5.49E+02	51	47	1.38262454	107	114	4.028388	10	9	0.324319	5	7	0.000136556	47	48	0.001843	63	102.5	0.002185	236	271	0.009183
23.39972	184	2.147479	2.20E+00	5.27E+02		47	1.54063957		114	3.73687		9	0.295016		7	0.000229457		48	0.001573		102.5	0.00336		271	0.008883
23.46639	188	2.047531	2.10E+00	5.03E+02		47	1.47173014		114	3.569728		9	0.281821		7	0.000219194		48	0.001503		102.5	0.00321		271	0.008486
23.53306	192	1.947847	2.00E+00	4.79E+02		47	1.40169349		114	3.399852		9	0.268409		7	0.000208763		48	0.001432		102.5	0.003057		271	0.008062
23.59972	196	1.84475	1.90E+00	4.55E+02		47	1.33055208		114	3.227297		9	0.254787	9	7	0.000198167	49	42	0.001359	142	140.5	0.002902	306	294	0.007672
23.66639	200	1.738646	1.79E+00	4.30E+02		47	1.25715836		114	3.049278		9	0.240732		7	0.000187236		42	0.001123		140.5	0.003758		294	0.007864
23.73306	204	1.629617	1.68E+00	4.04E+02		47	1.18175368		114	2.866381		9	0.226293		7	0.000176006		42	0.001056		140.5	0.003533		294	0.007392
23.79972	208	1.522321	1.58E+00	3.78E+02		47	1.10586065		114	2.6823		9	0.211761		7	0.000164703		42	0.000988		140.5	0.003306		294	0.006916
23.86639	212	1.411971	1.47E+00	3.52E+02		47	1.02943401		114	2.496925		9	0.197126		7	0.00015332		42	0.00092		140.5	0.003077		294	0.006439
23.93306	216	1.30135	1.36E+00	3.26E+02		47	0.95191103		114	2.308891		9	0.182281		7	0.000141774		42	0.000851		140.5	0.002846		294	0.005955

Conduit CSO 1008

Summary Statistics

Total Discharge

Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.83E+04	4.33	58.68	219.44	13.07	0.01	0.09	0.13	0.45

Conduit CSO

Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
23.99972	220	1.187358	1.24E+00	2.99E+02		47	0.87311033		114	2.117757		9	0.167191		7	0.000130038		42	0.00078		140.5	0.00261		294	0.005462
24.06639	224	1.069542	1.13E+00	2.71E+02		47	0.79178542		114	1.920501		9	0.151618	5	4	0.000117925	35	37.5	0.000708	139	120.5	0.002367	282	252.5	0.004953
24.13305	228	0.9449136	1.01E+00	2.42E+02		47	0.70672695		114	1.714194		9	0.135331		4	6.01471E-05		37.5	0.000564		120.5	0.001612		252.5	0.003797
24.19972	232	0.7968046	8.71E-01	2.09E+02		47	0.61104483		114	1.482109		9	0.117009		4	5.20036E-05		37.5	0.000488		120.5	0.001567		252.5	0.003283
24.26639	236	0.6531162	7.25E-01	1.74E+02		47	0.5066739		114	1.233805		9	0.097406		4	4.32914E-05		37.5	0.000406		120.5	0.001304		252.5	0.002733
24.33306	240	0.5020091	5.78E-01	1.39E+02	43	48	0.40525117	121	91	0.98295	8	9	0.077601	3	4	3.44895E-05	40	37.5	0.000323	102	120.5	0.001039	223	252.5	0.002177
24.39972	244	0.354079	4.28E-01	1.03E+02		48	0.30673054		91	0.58151		9	0.057512		4	2.55609E-05		37.5	0.00024		120.5	0.00077		252.5	0.001614
24.46639	248	0.2471935	3.01E-01	7.22E+01		48	0.21543185		91	0.408423		9	0.040393		4	1.79527E-05		37.5	0.000168		120.5	0.000541		252.5	0.001133
24.53306	252	0.155401	2.01E-01	4.83E+01		48	0.14424687		91	0.273468		9	0.027046		4	1.20206E-05		37.5	0.000113		120.5	0.000362		252.5	0.000759
24.59972	256	6.49E-02	1.10E-01	2.64E+01		48	0.07892911		91	0.149636		9	0.014799	5	5	6.57743E-06	35	35	6.17E-05	139	139	0.000198	282	282	0.000415
24.66639	260	1.43E-02	3.96E-02	9.50E+00		48	0.02836498		91	0.053775		9	0.005318		5	2.95469E-06		35	2.07E-05		139	8.21E-05		282	0.000167
	264		7.14E-03	1.71E+00		48	0.00511499		91	0.009697		9	0.000959		5	5.32811E-07		35	3.73E-06		139	1.48E-05		282	3.01E-05
	268		0.00E+00	0.00E+00		48	0		91	0		9	0		5	0		35	0		139	0		282	0
	272		0.00E+00	0.00E+00		48	0		91	0		9	0	5	5	0	35	35	0	139	139	0	282	282	0
	276		0.00E+00	0.00E+00		48	0		91	0		9	0		5	0		35	0		139	0		282	0
	280		0.00E+00	0.00E+00		48	0		91	0		9	0		5	0		35	0		139	0		282	0
	284		0.00E+00	0.00E+00		48	0		91	0		9	0	5	4	0	35	33.5	0	139	96	0	282	215	0
	288		0.00E+00	0.00E+00		48	0		91	0		9	0		4	0		33.5	0		96	0		215	0
	292		0.00E+00	0.00E+00		48	0		91	0		9	0		4	0		33.5	0		96	0		215	0
	296		0.00E+00	0.00E+00		48	0		91	0		9	0		4	0		33.5	0		96	0		215	0
	300		0.00E+00	0.00E+00	53	53	0	61	61	0	10	10	0	3	3	0	32	32	0	53	53	0	148	148	0

Conduit CSO 1008

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
3.34E+04	5.87	83.14	294.70	18.25	0.01	0.11	0.20	0.58

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
20.46639	0	1.65E-02			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
20.53306	4	0.2222796	1.19E-01	2.87E+01		80	0.14257581		761.5	1.357144		36.5	0.06505		7.5	1.33665E-05		172.5	0.000307		283.5	0.000505253		639	0.001139
20.59972	8	0.549368	3.66E-01	9.26E+01		80	0.46079348		761.5	4.386178		36.5	0.210237		7.5	4.31994E-05		172.5	0.000994		283.5	0.001632937		639	0.003681
20.66639	12	0.7868336	6.68E-01	1.60E+02		80	0.7979199		761.5	7.5952		36.5	0.364051		7.5	7.4805E-05		172.5	0.001721		283.5	0.002827629		639	0.006373
20.73306	16	0.9696806	8.78E-01	2.11E+02	69	58	1.04891181	451	358.5	9.984329	24	17.5	0.478566	4	5.5	9.83355E-05	130	107	0.002262	198	147.5	0.003717081	446	410.5	0.008378
20.79972	20	1.139073	1.05E+00	2.53E+02		58	0.91295875		358.5	5.64303		17.5	0.275462		5.5	8.65737E-05		107	0.001684		147.5	0.002321749		410.5	0.006462
20.86639	24	1.284241	1.21E+00	2.91E+02		58	1.04914378		358.5	6.484794		17.5	0.316552		5.5	9.94878E-05		107	0.001935		147.5	0.002668061		410.5	0.007425
20.93306	28	1.41449	1.35E+00	3.24E+02	47	42	1.16838216	266	238.5	7.22181	11	9.5	0.352529	7	5.5	0.000110795	84	69.5	0.002155	97	90.5	0.002971317	375	307	0.008289
20.99972	32	1.540587	1.48E+00	3.55E+02		42	0.92643599		238.5	5.260833		9.5	0.209551		5.5	0.000121319		69.5	0.001533		90.5	0.001996249		307	0.006772
21.06639	36	1.656868	1.60E+00	3.84E+02		42	1.00242308		238.5	5.692331		9.5	0.226739		5.5	0.00013127		69.5	0.001659		90.5	0.002159963		307	0.007327
21.13305	40	1.75345	1.71E+00	4.09E+02		42	1.06915702		238.5	6.071285		9.5	0.241833		5.5	0.000140009		69.5	0.001769		90.5	0.002303779		307	0.007815
21.19972	44	1.8376	1.80E+00	4.31E+02	37	32	1.12581769	211	192.5	6.393036	8	7	0.254649	4	3.5	0.000147429	55	57	0.001863	84	101.5	0.002425869	239	258.5	0.008229
21.26639	48	1.918778	1.88E+00	4.51E+02		32	0.89725645		192.5	5.397558		7	0.196275		3.5	9.81374E-05		57	0.001598		101.5	0.002845985		258.5	0.007248
21.33306	52	1.982323	1.96E+00	4.69E+02		32	0.93421392		192.5	5.619881		7	0.204359		3.5	0.00010218		57	0.001664		101.5	0.00296321		258.5	0.007547
21.39972	56	2.054994	2.02E+00	4.86E+02		32	0.96675076		192.5	5.81561		7	0.211477		3.5	0.000105738		57	0.001722		101.5	0.003068413		258.5	0.00781
21.46639	60	2.110711	2.08E+00	5.00E+02	27	32	0.99502917	174	166.5	5.985722	6	7	0.217663	3	2	0.000108831	59	70.5	0.001772	119	102	0.003156108	278	310	0.008038
21.53306	64	2.15618	2.13E+00	5.12E+02		32	1.01919868		166.5	5.303018		7	0.22295		2	6.36999E-05		70.5	0.002245		102	0.003246696		310	0.009873
21.59972	68	2.192778	2.17E+00	5.22E+02		32	1.03880138		166.5	5.405013		7	0.227238		2	6.49251E-05		70.5	0.002289		102	0.003311179		310	0.010063
21.66639	72	2.221578	2.21E+00	5.30E+02		32	1.05442248		166.5	5.486292		7	0.230655		2	6.59014E-05		70.5	0.002323		102	0.003360972		310	0.010215
21.73306	76	2.250942	2.24E+00	5.37E+02	37	37.5	1.06831566	159	138	5.55858	8	7	0.233694	1	3.5	6.67697E-05	82	65.5	0.002354	85	81.5	0.003405256	342	325.5	0.010349
21.79972	80	2.27409	2.26E+00	5.43E+02		37.5	1.26663139		138	4.661204		7	0.236438		3.5	0.000118219		65.5	0.002212		81.5	0.002752812		325.5	0.010994
21.86639	84	2.293663	2.28E+00	5.48E+02		37.5	1.27858971		138	4.70521		7	0.23867		3.5	0.000119335		65.5	0.002233		81.5	0.002778802		325.5	0.011096
21.93306	88	2.320417	2.31E+00	5.54E+02		37.5	1.2915574		138	4.752931		7	0.241091		3.5	0.000120545		65.5	0.002256		81.5	0.002808985		325.5	0.011211
21.99972	92	2.339118	2.33E+00	5.59E+02	38	29	1.30428101	117	110.5	4.799754	6	5.5	0.243466	6	8	0.000121733	49	36	0.002278	78	66	0.002834637	309	264	0.011321
22.06639	96	2.357958	2.35E+00	5.64E+02		29	1.01677044		110.5	3.874246		5.5	0.192836		8	0.000280488		36	0.001262		66	0.002314029		264	0.009256
22.13305	100	2.367985	2.36E+00	5.67E+02		29	1.02301924		110.5	3.898056		5.5	0.194021		8	0.000282212		36	0.00127		66	0.002328251		264	0.009313
22.19972	104	2.368064	2.37E+00	5.68E+02	20	28	1.02520687	104	111	3.906392	5	6	0.194436	10	7.5	0.000282816	23	37	0.001273	54	50	0.002333229	219	258	0.009333
22.26639	108	2.362761	2.37E+00	5.68E+02		28	0.98876307		111	3.919739		6	0.211878		7.5	0.000264847		37	0.001307		50	0.001765648		258	0.009111
22.33306	112	2.346517	2.35E+00	5.65E+02		28	0.98425966		111	3.901886		6	0.210913		7.5	0.000263641		37	0.001301		50	0.001757607		258	0.009069
22.39972	116	2.333175	2.34E+00	5.62E+02		28	0.97807605		111	3.877373		6	0.209588		7.5	0.000261985		37	0.001292		50	0.001746564		258	0.009012
22.46639	120	2.302104	2.32E+00	5.56E+02	36	35	0.96879354	118	142.5	3.840574	7	8	0.207599	5	5	0.000259498	51	53	0.00128	46	51.5	0.001729988	297	258	0.008927
22.53306	124	2.277666	2.29E+00	5.50E+02		35	1.1964899		142.5	4.871423		8	0.273483		5	0.000170927		53	0.001812		51.5	0.001760549		258	0.00882
22.59972	128	2.251957	2.26E+00	5.44E+02		35	1.18338872		142.5	4.818083		8	0.270489		5	0.000169056		53	0.001792		51.5	0.001741272		258	0.008723
22.66639	132	2.234977	2.24E+00	5.38E+02		35	1.17223599		142.5	4.772675		8	0.26794		5	0.000167462		53	0.001775		51.5	0.001724862		258	0.008641
22.73306	136	2.21766	2.23E+00	5.34E+02	34	29.5	1.16327571	167	126.5	4.736194	9	8	0.265892	5	4	0.000166182	55	56.5	0.001782	57	60.5	0.001711677	219	235.5	0.008575
22.79972	140	2.199097	2.21E+00	5.30E+02		29.5	0.97257443		126.5	4.170531		8	0.263749		4	0.000131874		56.5	0.001863		60.5	0.001994602		235.5	0.007764
22.86639	144	2.187843	2.19E+00	5.26E+02		29.5	0.96600869		126.5	4.142376		8	0.261968		4	0.000130984		56.5	0.00185		60.5	0.001981136		235.5	0.007712
22.93306	148	2.165085	2.18E+00	5.22E+02		29.5	0.95851922		126.5	4.11026		8	0.259937		4	0.000129969		56.5	0.001836		60.5	0.001965777		235.5	0.007652
22.99972	152	2.147929	2.16E+00	5.18E+02	25	27.5	0.94973011	86	107.5	4.072572	7	8	0.257554	3	3	0.000128777	58	59.5	0.001819	64	64.5	0.001947752	252	277	0.007582
23.06639	156	2.132148	2.14E+00	5.14E+02		27.5	0.87658058		107.5	3.434451		8	0.255587		3	9.58452E-05		59.5	0.001901		64.5	0.002060671		277	0.00685
23.13305	160	2.105367	2.12E+00	5.09E+02		27.5	0.86984379		107.5	3.400298		8	0.253045		3	9.4892E-05		59.5	0.001882		64.5	0.002040179		277	0.006762
23.19972	164	2.08494	2.10E+00	5.03E+02		27.5	0.8601533		107.5	3.362417		8	0.250226		3	9.38349E-05		59.5	0.001861		64.5	0.00201745		277	0.006684
23.26639	168	2.064902	2.07E+00	4.98E+02	30	40.5	0.85184696	129	118	3.329947	9	9.5	0.24781	3	4	9.29288E-05	61	54	0.001843	65	64	0.001997968	302	269	0.00858
23.33306	172	2.035705	2.05E+00	4.92E+02		40.5	1.23965403		118	3.611831		9.5	0.290783		4	0.000122435		54	0.001653		64	0.001958959		269	0.008234
23.39972	176	2.008153	2.02E+00	4.85E+02		40.5	1.22189363		118	3.560085		9.5	0.286617		4	0.000120681		54	0.001629		64	0.001930894		269	0.008116
23.46639	180	1.982808	1.99E+00	4.79E+02	51	47	1.20590234	107	114	3.513493	10	9	0.282866	5	7	0.000119101	47	48	0.001608	63	102.5	0.001905623	236	271	0.00801
23.53306	184	1.96115	1.97E+00	4.73E+02		47	1.38365388		114	3.356097		9	0.264955		7	0.000206076		48	0.001413		102.5	0.003017543		271	0.007978
23.59972	188	1.940652	1.95E+00	4.68E+02		47	1.36886434		114	3.320224		9	0.262123		7	0.000203873		48	0.001398		102.5	0.002985289		271	0.007893
23.66639	192	1.917023	1.93E+00	4.63E+02		47	1.35338332		114	3.282674		9	0.259159		7	0.000201568		48	0.001382		102.5	0.002951527		271	0.007804
23.73306	196	1.894282	1.91E+00	4.57E+02		47	1.33711539		114	3.243216		9	0.256043	9	7	0.000199145	49	42	0.001366	142	140.5	0.00291605	306	294	0.00771
23.79972	200	1.871714	1.88E+00	4.52E+02		47	1.32121969		114	3.204661		9	0.253		7	0.000196777		42	0.001181		140.5	0.003949604		294	0.008265
23.86639	204	1.848373	1.86E+00	4.46E+02		47	1.30511349		114	3.165594		9	0.249915		7	0.000194379		42	0.001166		140.5	0.003901456		294	0.008164
23.93306	208	1.826843	1.84E+00	4.41E+02		47	1.28937145		114	3.127412		9	0.246901		7	0.000192034		42	0.001152		140.5	0.003854398		294	0.008065
23.99972	212	1.805593	1.82E+00	4.36E+02		47	1.274363		114	3.091008		9	0.244027		7	0.000189799		42	0.001139		140.5	0.003809532		294	0.007972
24.06639	216	1.784734	1.80E+00	4.31E+02		47	1.25958995		114	3.055176		9	0.241198		7	0.000187599		42	0.001126		140.5	0.00376537		294	0.007879

Conduit CSO 1006

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
3.34E+04	5.67	83.14	294.70	18.25	0.01	0.11	0.20	0.58

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
24.13305	220	1.761733	1.77E+00	4.26E+02		47	1.2442026		114	3.017853		9	0.238252		7	0.000185307		42	0.001112		140.5	0.003719372		294	0.007783
24.19972	224	1.734937	1.75E+00	4.20E+02		47	1.22673238		114	2.975479		9	0.234906	5	4	0.000182705	35	37.5	0.001096	139	120.5	0.003667147	282	252.5	0.007674
24.26639	228	1.709665	1.72E+00	4.13E+02		47	1.20846543		114	2.931171		9	0.231408		4	0.000102848		37.5	0.000964		120.5	0.0030983		252.5	0.006492
24.33306	232	1.683957	1.70E+00	4.07E+02		47	1.19058018		114	2.88779		9	0.227983		4	0.000101326		37.5	0.00095		120.5	0.003052445		252.5	0.006396
24.39972	236	1.653981	1.67E+00	4.01E+02		47	1.17104463		114	2.840406		9	0.224243		4	9.96634E-05		37.5	0.000934		120.5	0.003002359		252.5	0.006291
24.46639	240	1.618668	1.64E+00	3.93E+02	43	48	1.14813937	121	91	2.784849	8	9	0.219856	3	4	9.7714E-05	40	37.5	0.000916	102	120.5	0.002943634	223	252.5	0.006168
24.53306	244	1.588204	1.60E+00	3.85E+02		48	1.14900042		91	2.178313		9	0.215438		4	9.575E-05		37.5	0.000898		120.5	0.00286447		252.5	0.006044
24.59972	248	1.555512	1.57E+00	3.77E+02		48	1.12637206		91	2.135414		9	0.211195		4	9.38643E-05		37.5	0.00088		120.5	0.002827663		252.5	0.005925
24.66639	252	1.523801	1.54E+00	3.70E+02		48	1.1032969		91	2.091667		9	0.206868		4	9.19414E-05		37.5	0.000862		120.5	0.002769735		252.5	0.005804
24.73306	256	1.488986	1.51E+00	3.62E+02		48	1.07946109		91	2.046478		9	0.202399	5	5	8.99551E-05	35	35	0.000843	139	139	0.002709897	282	282	0.005678
24.79972	260	1.448278	1.47E+00	3.52E+02		48	1.05240171		91	1.995178		9	0.197325		5	0.000109625		35	0.000767		139	0.00304758		282	0.006183
24.86639	264	1.410649	1.43E+00	3.43E+02		48	1.02433409		91	1.941987		9	0.192063		5	0.000106701		35	0.000747		139	0.002966301		282	0.006018
24.93306	268	1.368377	1.39E+00	3.33E+02		48	0.99570611		91	1.887693		9	0.186895		5	0.000103719		35	0.000726		139	0.002883399		282	0.00585
24.99972	272	1.320762	1.34E+00	3.23E+02		48	0.96350021		91	1.826636		9	0.180658	5	5	0.000100365	35	35	0.000703	139	139	0.002790136	282	282	0.005661
25.06639	276	1.271109	1.30E+00	3.11E+02		48	0.92864975		91	1.760565		9	0.174122		5	9.67343E-05		35	0.000677		139	0.002689215		282	0.005456
25.13305	280	1.119266	1.20E+00	2.87E+02		48	0.8564551		91	1.623696		9	0.160585		5	8.92141E-05		35	0.000624		139	0.002480151		282	0.005032
25.19972	284	1.075379	1.10E+00	2.63E+02		48	0.78632637		91	1.490744		9	0.147436	5	4	8.1909E-05	35	33.5	0.000573	139	98	0.00227707	282	215	0.00462
25.26639	288	1.032835	1.05E+00	2.53E+02		48	0.75535873		91	1.432034		9	0.14163		4	6.29466E-05		33.5	0.000527		98	0.001510717		215	0.003383
25.33306	292	0.9840926	1.01E+00	2.42E+02		48	0.72265144		91	1.370027		9	0.135497		4	6.0221E-05		33.5	0.000504		98	0.001445303		215	0.003237
25.39972	296	0.938763	9.61E-01	2.31E+02		48	0.68894606		91	1.306127		9	0.129177		4	5.74122E-05		33.5	0.000481		98	0.001377692		215	0.003086
25.46639	300	0.8940844	9.16E-01	2.20E+02	53	53	0.65669675	61	61	1.244988	10	10	0.123131	3	4	5.47247E-05	32	29.5	0.000458	53	65	0.001313394	146	171	0.002941
25.53306	304	0.8463374	8.70E-01	2.09E+02		53	0.66853767		61	0.792468		10	0.129913		4	5.19651E-05		29.5	0.000383		65	0.000844433		171	0.002222
25.59972	308	0.7986907	8.23E-01	1.97E+02		53	0.65079846		61	0.749032		10	0.122792		4	4.91169E-05		29.5	0.000362		65	0.000798149		171	0.0021
25.66639	312	0.7376708	7.68E-01	1.84E+02		53	0.60780828		61	0.699553		10	0.114681		4	4.58723E-05		29.5	0.000338		65	0.000745425		171	0.001961
25.73306	316	0.6647395	7.01E-01	1.68E+02		53	0.55481512		61	0.638561		10	0.104682	5	5	4.18728E-05	27	27	0.000309	77	77	0.000680434	194	194	0.00179
25.79972	320	0.5903753	6.28E-01	1.51E+02		53	0.49654275		61	0.571493		10	0.093687		5	4.68437E-05		27	0.000253		77	0.000721392		194	0.001818
25.86639	324	0.509824	5.50E-01	1.32E+02		53	0.43525579		61	0.500955		10	0.082124		5	4.10619E-05		27	0.000222		77	0.000632353		194	0.001593
25.93306	328	0.4289133	4.69E-01	1.13E+02		53	0.37137894		61	0.427436		10	0.070071		5	3.50357E-05		27	0.000189		77	0.000539551		194	0.001359
25.99972	332	0.3441806	3.87E-01	9.28E+01		53	0.30584794		61	0.352014		10	0.057707		5	2.88536E-05		27	0.000156		77	0.000444345		194	0.00112
26.06639	336	0.2620306	3.03E-01	7.27E+01		53	0.23982657		61	0.276027		10	0.04525		5	2.26251E-05		27	0.000122		77	0.000348427		194	0.000878
26.13305	340	0.1720144	2.17E-01	5.21E+01		53	0.17171489		61	0.197634		10	0.032399		5	1.61995E-05		27	8.75E-05		77	0.000249473		194	0.000629
26.19972	344	8.17E-02	1.27E-01	3.04E+01		53	0.10037945		61	0.115531		10	0.01894	5	5	9.46976E-06	27	27	5.11E-05	77	77	0.000145834	194	194	0.000367
26.26639	348	2.62E-02	5.39E-02	1.29E+01		53	0.0426783		61	0.04912		10	0.008053		5	4.02625E-06		27	2.17E-05		77	6.20043E-05		194	0.000156
26.33306	352	1.34E-03	1.38E-02	3.30E+00		53	0.0108797		61	0.012522		10	0.002053		5	1.02639E-06		27	5.54E-06		77	1.58064E-05		194	3.98E-05
	356		6.69E-04	1.61E-01		53	0.0005293		61	0.000609		10	9.99E-05		5	4.9934E-06		27	2.7E-07		77	7.68983E-07		194	1.94E-06

Conduit CSO 1005

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
1.79E+05	21.53	534.95	921.90	104.25	0.06	0.39	0.96	2.49

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
35.46639	1020	0.4883002	4.89E-01	1.17E+02		53	0.3872741		61	0.445731		10	0.073071		5	3.65353E-05		27	0.000197291		77	0.00056264		194	0.001418
35.53305	1024	0.4857829	4.87E-01	1.17E+02		53	0.3853623		61	0.44353		10	0.07271		5	3.63549E-05		27	0.000196317		77	0.00055987		194	0.001411
35.59972	1028	0.4829766	4.84E-01	1.16E+02		53	0.3832562		61	0.441106		10	0.072312		5	3.61562E-05		27	0.000195244		77	0.00055681		194	0.001403
35.66639	1032	0.4799496	4.81E-01	1.16E+02		53	0.3809484		61	0.43845		10	0.071877		5	3.59385E-05		27	0.000194068		77	0.00055345		194	0.001394
35.73306	1036	0.4767245	4.78E-01	1.15E+02		53	0.378475		61	0.435603		10	0.07141		5	3.57052E-05		27	0.000192808		77	0.00054966		194	0.001385
35.79972	1040	0.4734401	4.75E-01	1.14E+02		53	0.3758998		61	0.432639		10	0.070924		5	3.54622E-05		27	0.000191496		77	0.00054612		194	0.001376
35.86639	1044	0.4700715	4.72E-01	1.13E+02		53	0.3732677		61	0.42961		10	0.070428		5	3.52139E-05		27	0.000190155		77	0.00054229		194	0.001366
35.93306	1048	0.4664839	4.68E-01	1.12E+02		53	0.3705157		61	0.426443		10	0.069909		5	3.49543E-05		27	0.000188753		77	0.0005383		194	0.001356
35.99972	1052	0.4628078	4.65E-01	1.12E+02		53	0.3676421		61	0.423135		10	0.069366		5	3.46832E-05		27	0.000187289		77	0.00053412		194	0.001346
36.06639	1056	0.4591091	4.61E-01	1.11E+02		53	0.3647245		61	0.419777		10	0.068816		5	3.4408E-05		27	0.000185803		77	0.00052988		194	0.001335
36.13306	1060	0.4553251	4.57E-01	1.10E+02		53	0.3617643		61	0.41637		10	0.068257		5	3.41287E-05		27	0.000184295		77	0.00052558		194	0.001324
36.19972	1064	0.4515252	4.53E-01	1.09E+02		53	0.3587639		61	0.412917		10	0.067691		5	3.38457E-05		27	0.000182767		77	0.00052122		194	0.001313
36.26639	1068	0.4477643	4.50E-01	1.08E+02		53	0.3557728		61	0.409474		10	0.067127		5	3.35635E-05		27	0.000181243		77	0.00051688		194	0.001302
36.33306	1072	0.4441488	4.46E-01	1.07E+02		53	0.3528546		61	0.406118		10	0.066576		5	3.32882E-05		27	0.000179756		77	0.00051284		194	0.001292
36.39972	1076	0.4405625	4.42E-01	1.06E+02		53	0.3500054		61	0.402836		10	0.066039		5	3.30194E-05		27	0.000178305		77	0.0005085		194	0.001281
36.46639	1080	0.4370217	4.39E-01	1.05E+02		53	0.3471858		61	0.399591		10	0.065507		5	3.27534E-05		27	0.000176868		77	0.0005044		194	0.001271
36.53305	1084	0.4336383	4.35E-01	1.04E+02		53	0.3444457		61	0.396438		10	0.06499		5	3.24949E-05		27	0.000175472		77	0.00050042		194	0.001261
36.59972	1088	0.4302413	4.32E-01	1.04E+02		53	0.3417633		61	0.39335		10	0.064484		5	3.22418E-05		27	0.000174106		77	0.00049652		194	0.001251
36.66639	1092	0.4270086	4.29E-01	1.03E+02		53	0.3391413		61	0.390332		10	0.063989		5	3.19945E-05		27	0.00017277		77	0.00049271		194	0.001241
36.73306	1096	0.423883	4.25E-01	1.02E+02		53	0.3366179		61	0.387428		10	0.063513		5	3.17568E-05		27	0.000171485		77	0.00048905		194	0.001232
36.79972	1100	0.4207955	4.22E-01	1.01E+02		53	0.3341599		61	0.384599		10	0.063049		5	3.15245E-05		27	0.000170232		77	0.00048548		194	0.001223
36.86639	1104	0.4177259	4.19E-01	1.01E+02		53	0.331732		61	0.381805		10	0.062591		5	3.12955E-05		27	0.000168998		77	0.00048195		194	0.001214
36.93306	1108	0.4146599	4.16E-01	9.99E+01		53	0.3293046		61	0.379011		10	0.062133		5	3.10665E-05		27	0.000167759		77	0.00047842		194	0.001205
36.99972	1112	0.4116232	4.13E-01	9.92E+01		53	0.3268903		61	0.376232		10	0.061677		5	3.08387E-05		27	0.000166529		77	0.00047492		194	0.001197
37.06639	1116	0.408627	4.10E-01	9.84E+01		53	0.3245036		61	0.373485		10	0.061227		5	3.06135E-05		27	0.000165313		77	0.00047145		194	0.001188
37.13306	1120	0.4057375	4.07E-01	9.77E+01		53	0.3221751		61	0.370805		10	0.060788		5	3.03939E-05		27	0.000164127		77	0.00046807		194	0.001179
37.19972	1124	0.4027371	4.04E-01	9.70E+01		53	0.319845		61	0.368123		10	0.060348		5	3.01741E-05		27	0.00016294		77	0.00046468		194	0.001171
37.26639	1128	0.3997018	4.01E-01	9.63E+01		53	0.3174572		61	0.365375		10	0.059898		5	2.99488E-05		27	0.000161723		77	0.00046121		194	0.001162
37.33306	1132	0.3965854	3.98E-01	9.56E+01		53	0.3150235		61	0.362574		10	0.059438		5	2.97192E-05		27	0.000160484		77	0.00045768		194	0.001153
37.39972	1136	0.3934703	3.95E-01	9.48E+01		53	0.3125582		61	0.359737		10	0.058973		5	2.94866E-05		27	0.000159228		77	0.00045409		194	0.001144
37.46639	1140	0.3902729	3.92E-01	9.40E+01		53	0.3100609		61	0.356863		10	0.058502		5	2.9251E-05		27	0.000157956		77	0.00045047		194	0.001135
37.53305	1144	0.3870167	3.89E-01	9.33E+01		53	0.3075077		61	0.353924		10	0.05802		5	2.90102E-05		27	0.000156655		77	0.00044676		194	0.001126
37.59972	1148	0.3836875	3.85E-01	9.25E+01		53	0.3049025		61	0.350925		10	0.057529		5	2.87644E-05		27	0.000155328		77	0.00044297		194	0.001116
37.66639	1152	0.3803016	3.82E-01	9.17E+01		53	0.3022459		61	0.347868		10	0.057028		5	2.85138E-05		27	0.000153974		77	0.00043911		194	0.001106
37.73306	1156	0.3768157	3.79E-01	9.09E+01		53	0.2995273		61	0.344739		10	0.056515		5	2.82573E-05		27	0.000152589		77	0.00043516		194	0.001096
37.79972	1160	0.3732653	3.75E-01	9.00E+01		53	0.2967436		61	0.341535		10	0.055989		5	2.79947E-05		27	0.000151171		77	0.00043112		194	0.001086
37.86639	1164	0.3696947	3.71E-01	8.92E+01		53	0.2939264		61	0.338293		10	0.055458		5	2.77289E-05		27	0.000149736		77	0.00042703		194	0.001076
37.93306	1168	0.366262	3.68E-01	8.83E+01		53	0.2911558		61	0.335104		10	0.054935		5	2.74675E-05		27	0.000148325		77	0.000423		194	0.001066
37.99972	1172	0.3628166	3.65E-01	8.75E+01		53	0.2884347		61	0.331972		10	0.054422		5	2.72108E-05		27	0.000146938		77	0.00041905		194	0.001056
38.06639	1176	0.3593202	3.61E-01	8.67E+01		53	0.2856884		61	0.328811		10	0.053903		5	2.69517E-05		27	0.000145539		77	0.00041506		194	0.001046
38.13306	1180	0.3560534	3.58E-01	8.58E+01		53	0.2830128		61	0.325732		10	0.053399		5	2.66993E-05		27	0.000144176		77	0.00041117		194	0.001036
38.19972	1184	0.352526	3.54E-01	8.50E+01		53	0.2803249		61	0.322638		10	0.052891		5	2.64457E-05		27	0.000142807		77	0.00040726		194	0.001026
38.26639	1188	0.3489134	3.51E-01	8.42E+01		53	0.2775002		61	0.319387		10	0.052359		5	2.61793E-05		27	0.000141368		77	0.00040316		194	0.001016
38.33306	1192	0.3453859	3.47E-01	8.33E+01		53	0.2746755		61	0.316136		10	0.051826		5	2.59128E-05		27	0.000139929		77	0.00039908		194	0.001005
38.39972	1196	0.3415953	3.43E-01	8.24E+01		53	0.2717803		61	0.312804		10	0.051279		5	2.56397E-05		27	0.000138454		77	0.00039485		194	0.000995
38.46639	1200	0.3381592	3.40E-01	8.16E+01		53	0.2689214		61	0.309513		10	0.05074		5	2.53699E-05		27	0.000136998		77	0.0003907		194	0.000984
38.53305	1204	0.3347399	3.36E-01	8.07E+01		53	0.2662092		61	0.306392		10	0.050228		5	2.51141E-05		27	0.000135618		77	0.00038676		194	0.000974
38.59972	1208	0.3311101	3.33E-01	7.99E+01		53	0.2634205		61	0.303182		10	0.049702		5	2.4851E-05		27	0.000134195		77	0.00038271		194	0.000964
38.66639	1212	0.3274057	3.29E-01	7.90E+01		53	0.260519		61	0.299843		10	0.049155		5	2.45773E-05		27	0.000132717		77	0.00037849		194	0.000954
38.73306	1216	0.323622	3.26E-01	7.81E+01		53	0.2575566		61	0.296433		10	0.048596		5	2.42978E-05		27	0.000131208		77	0.00037419		194	0.000943
38.79972	1220	0.3196528	3.22E-01	7.72E+01		53	0.2544894		61	0.292903		10	0.048017		5	2.40084E-05		27	0.000129646		77	0.00036973		194	0.000932
38.86639	1224	0.3155688	3.18E-01	7.62E+01		53	0.2513035		61	0.289236		10	0.047416		5	2.37079E-05		27	0.000128023		77	0.0003651		194	0.00092
38.93306	1228	0.3113636	3.13E-01	7.52E+01		53	0.2480241		61	0.285462		10	0.046797		5	2.33985E-05		27	0.000126352		77	0.00036034		194	0.000908
38.99972	1232	0.3069757	3.09E-01	7.42E+01		53	0.2446246		61	0.281549		10	0.046156		5	2.30778E-05		27	0.00012462		77	0.0003554		194	0.000895
39.06639	1236	0.3023872	3.05E-01	7.31E+01		53	0.2410734		61	0.277462		10	0.045486		5	2.27428E-05		27	0.000122811		77	0.00035024		194	0.000882
39.13306	1240	0.2978121	3.00E-01	7.20E+01		53	0.2374481		61	0.273289		10	0.044802		5	2.24008E-05		27	0.000120964		77	0.00034497		194	0.000869
39.19972	1244	0.2930292	2.95E-01	7.09E+01		53	0.2337459		61	0.269028		10	0.044103		5	2.20515E-05		27	0.000119078		77	0.00033959		194	0.000856
39.26639	1248	0.2881365	2.91E-01	6.97E+01		53	0.2299181		61	0.264623		10	0.043381		5	2.16904E-05		27	0.000117128		77	0.00033403		194	0.000842
39.33306	1252	0.2831306	2.86E-01	6.86E+01		53	0.2260021		61	0.260116		10	0.042642		5	2.13209E-05		27	0.000115133		77	0.00032834		194	0.000827
39.39972	1256	0.2781298	2.81E-01	6.74E+01		53	0.2220433		61	0.255559		10	0.041895		5	2.09475E-05		27	0.000113116		77	0.00032259		194	0.000813
39.46639	1260	0.2731127	2.76E-01	6.61E+01		53	0.21808		61	0.250998		10	0.041147		5	2.05736E-05		27	0.000111097		77	0.00031683		194	0.000798
39.53305	1264	0.2680808	2.71E-01	6.49E+01		53	0.2141045		61	0.246422		10	0.040397		5	2.01985E-05		27	0.000109072		77	0.00031106		194	0.000784
39.59972	1268	0.2630699	2.66E-01	6.37E+01		53	0.2101314		61	0.241849		10	0.039647		5	1.98237E-05		27	0.000107048		77	0.00030529		194	0.000769
39.66639	1272	0.2581356	2.61E-01	6.25E+01		53	0.2061969		61	0.237321		10	0.038905		5	1.94525E-05		27	0.000105044		77	0.00029957		194	0.000755

Conduit CSO 1005

Summary Statistics

Total Discharge

Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
1.79E+05	21.53	534.95	921.90	104.25	0.06	0.39	0.96	2.49

Conduit CSO

Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
39.73306	1276	0.2532116	2.56E-01	6.14E+01		53	0.2022968		61	0.232832		10	0.038169		5	1.90846E-05		27	0.000103057		77	0.0002939		194	0.00074
39.79972	1280	0.2483149	2.51E-01	6.02E+01		53	0.1984116		61	0.228361		10	0.037436		5	1.87181E-05		27	0.000101078		77	0.00028826		194	0.000726
39.86639	1284	0.2435888	2.46E-01	5.90E+01		53	0.1946047		61	0.223979		10	0.036718		5	1.83589E-05		27	9.91382E-05		77	0.00028273		194	0.000712
39.93306	1288	0.2388534	2.41E-01	5.79E+01		53	0.1908616		61	0.219671		10	0.036012		5	1.80058E-05		27	9.72314E-05		77	0.00027729		194	0.000699
39.93306	1292	0.2388534	2.39E-01	5.73E+01		53	0.1889882		61	0.217515		10	0.035658		5	1.78291E-05		27	9.6277E-05		77	0.00027457		194	0.000692
	1296		1.19E-01	2.87E+01		53	0.0944941		61	0.108757		10	0.017829		5	8.91454E-06		27	4.81385E-05		77	0.00013728		194	0.000346

Conduit CSO 1005

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
1.79E+05	21.53	534.95	921.90	104.25	0.06	0.39	0.96	2.49

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
26.93306	508	3.148247	3.19E+00	7.66E+02		53	2.5264918		61	2.907849		10	0.476697		5	0.000238348		27	0.001287081		77	0.00367058		194	0.009248
26.99972	512	3.05553	3.10E+00	7.44E+02		53	2.4543097		61	2.824772		10	0.463077		5	0.000231539		27	0.001250309		77	0.0035657		194	0.008984
27.06639	516	2.962444	3.01E+00	7.22E+02		53	2.3808032		61	2.74017		10	0.449208		5	0.000224604		27	0.001212862		77	0.0034589		194	0.008715
27.13305	520	2.871549	2.92E+00	7.00E+02		53	2.3080175		61	2.656398		10	0.435475		5	0.000217738		27	0.001175783		77	0.00335316		194	0.008448
27.19972	524	2.782692	2.83E+00	6.79E+02		53	2.2369048		61	2.574551		10	0.422058		5	0.000211029		27	0.001139555		77	0.00324984		194	0.008188
27.26639	528	2.694655	2.74E+00	6.57E+02		53	2.1669229		61	2.494006		10	0.408853		5	0.000204427		27	0.001103904		77	0.00314817		194	0.007932
27.33306	532	2.606812	2.65E+00	6.36E+02		53	2.0981332		61	2.414833		10	0.395874		5	0.000197937		27	0.00106886		77	0.00304823		194	0.00768
27.39972	536	2.521399	2.57E+00	6.16E+02		53	2.0295905		61	2.335944		10	0.382942		5	0.000191471		27	0.001033942		77	0.00294865		194	0.007429
27.46639	540	2.43144	2.48E+00	5.94E+02		53	1.9594194		61	2.255181		10	0.369702		5	0.000184851		27	0.000998195		77	0.0028467		194	0.007172
27.53306	544	2.342201	2.39E+00	5.73E+02		53	1.8885259		61	2.173586		10	0.356326		5	0.000178163		27	0.000962079		77	0.00274371		194	0.006913
27.59972	548	2.255657	2.30E+00	5.52E+02		53	1.8189835		61	2.093547		10	0.343204		5	0.000171602		27	0.000926652		77	0.00264287		194	0.006656
27.66639	552	2.171747	2.21E+00	5.31E+02		53	1.7515492		61	2.015934		10	0.330481		5	0.00016524		27	0.000892299		77	0.0025447		194	0.006411
27.73306	556	2.092047	2.13E+00	5.12E+02		53	1.6868226		61	1.941437		10	0.318268		5	0.000159134		27	0.000859325		77	0.00245087		194	0.006174
27.79972	560	2.018734	2.06E+00	4.93E+02		53	1.6262883		61	1.871766		10	0.306847		5	0.000153423		27	0.000828488		77	0.00236272		194	0.005953
27.86639	564	1.964557	1.99E+00	4.78E+02		53	1.5758513		61	1.813716		10	0.29733		5	0.000148665		27	0.000802792		77	0.00228944		194	0.005768
27.93306	568	1.916882	1.94E+00	4.66E+02		53	1.5355571		61	1.767339		10	0.289728		5	0.000144864		27	0.000782265		77	0.0022309		194	0.005621
27.99972	572	1.870498	1.89E+00	4.54E+02		53	1.4983459		61	1.724511		10	0.282707		5	0.000141353		27	0.000763308		77	0.00217684		194	0.005485
28.06639	576	1.824486	1.85E+00	4.43E+02		53	1.4617926		61	1.682441		10	0.27581		5	0.000137905		27	0.000744687		77	0.00212374		194	0.005351
28.13305	580	1.777826	1.80E+00	4.32E+02		53	1.4251301		61	1.640244		10	0.268892		5	0.000134446		27	0.00072601		77	0.00207047		194	0.005217
28.19972	584	1.730698	1.75E+00	4.21E+02		53	1.3880261		61	1.59754		10	0.261892		5	0.000130946		27	0.000707108		77	0.00201657		194	0.005081
28.26639	588	1.684354	1.71E+00	4.10E+02		53	1.3510472		61	1.554979		10	0.254915		5	0.000127457		27	0.000688269		77	0.00196284		194	0.004945
28.33306	592	1.63922	1.66E+00	3.99E+02		53	1.3148571		61	1.513326		10	0.248086		5	0.000124043		27	0.000669833		77	0.00191026		194	0.004813
28.39972	596	1.594307	1.62E+00	3.88E+02		53	1.2792331		61	1.472325		10	0.241365		5	0.000120682		27	0.000651685		77	0.00185851		194	0.004682
28.46639	600	1.550399	1.57E+00	3.77E+02		53	1.2440941		61	1.431882		10	0.234735		5	0.000117387		27	0.000633784		77	0.00180746		194	0.004554
28.53306	604	1.50794	1.53E+00	3.67E+02		53	1.209926		61	1.392556		10	0.228288		5	0.000114144		27	0.000616377		77	0.00175782		194	0.004429
28.59972	608	1.467082	1.49E+00	3.57E+02		53	1.1769645		61	1.35462		10	0.222069		5	0.000111034		27	0.000599586		77	0.00170993		194	0.004308
28.66639	612	1.426514	1.45E+00	3.47E+02		53	1.1447512		61	1.317544		10	0.215991		5	0.000107995		27	0.000583175		77	0.00166313		194	0.00419
28.73306	616	1.386537	1.41E+00	3.38E+02		53	1.1128883		61	1.280869		10	0.209979		5	0.000104989		27	0.000566942		77	0.00161683		194	0.004074
28.79972	620	1.347547	1.37E+00	3.28E+02		53	1.0816457		61	1.244913		10	0.204084		5	0.000102042		27	0.000551027		77	0.00157145		194	0.003959
28.86639	624	1.30923	1.33E+00	3.19E+02		53	1.0510619		61	1.209713		10	0.198314		5	9.91568E-05		27	0.000535447		77	0.00152701		194	0.003847
28.93306	628	1.272817	1.29E+00	3.10E+02		53	1.0214976		61	1.175686		10	0.192735		5	9.63677E-05		27	0.000520386		77	0.00148406		194	0.003739
28.99972	632	1.236516	1.25E+00	3.01E+02		53	0.9927308		61	1.142577		10	0.187308		5	9.36538E-05		27	0.000505731		77	0.00144227		194	0.003634
29.06639	636	1.200759	1.22E+00	2.92E+02		53	0.9642235		61	1.109767		10	0.181929		5	9.09645E-05		27	0.000491208		77	0.00140085		194	0.003529
29.13305	640	1.166253	1.18E+00	2.84E+02		53	0.9364264		61	1.077774		10	0.176684		5	8.83421E-05		27	0.000477047		77	0.00136047		194	0.003426
29.19972	644	1.133638	1.15E+00	2.76E+02		53	0.9098723		61	1.047212		10	0.171674		5	8.5837E-05		27	0.00046352		77	0.00132189		194	0.00333
29.26639	648	1.102423	1.12E+00	2.68E+02		53	0.8846202		61	1.018148		10	0.166909		5	8.34547E-05		27	0.000450656		77	0.0012852		194	0.003238
29.33306	652	1.069588	1.09E+00	2.61E+02		53	0.859281		61	0.988984		10	0.162128		5	8.10642E-05		27	0.000437747		77	0.00124839		194	0.003145
29.39972	656	1.040669	1.06E+00	2.53E+02		53	0.8348502		61	0.960865		10	0.157519		5	7.87595E-05		27	0.000425301		77	0.0012129		194	0.003056
29.46639	660	1.013239	1.03E+00	2.46E+02		53	0.8125576		61	0.935208		10	0.153313		5	7.66564E-05		27	0.000413944		77	0.00118051		194	0.002974
29.53306	664	0.9871271	1.00E+00	2.40E+02		53	0.7913756		61	0.910829		10	0.149316		5	7.46581E-05		27	0.000403154		77	0.00114973		194	0.002897
29.59972	668	0.9621415	9.75E-01	2.34E+02		53	0.7711607		61	0.887562		10	0.145502		5	7.2751E-05		27	0.000392855		77	0.00112037		194	0.002823
29.66639	672	0.9380091	9.50E-01	2.28E+02		53	0.7517288		61	0.865197		10	0.141836		5	7.09178E-05		27	0.000382956		77	0.00109213		194	0.002752
29.73306	676	0.9141595	9.26E-01	2.22E+02		53	0.7327464		61	0.84335		10	0.138254		5	6.9127E-05		27	0.000373286		77	0.00106456		194	0.002682
29.79972	680	0.8912658	9.03E-01	2.17E+02		53	0.7142541		61	0.822066		10	0.134765		5	6.73825E-05		27	0.000363865		77	0.00103769		194	0.002614
29.86639	684	0.8691047	8.80E-01	2.11E+02		53	0.6964297		61	0.801551		10	0.131402		5	6.57009E-05		27	0.000354785		77	0.00101179		194	0.002549
29.93306	688	0.8478692	8.58E-01	2.06E+02		53	0.6792613		61	0.781791		10	0.128163		5	6.40813E-05		27	0.000346039		77	0.00098685		194	0.002486
29.99972	692	0.8273123	8.38E-01	2.01E+02		53	0.6627276		61	0.762762		10	0.125043		5	6.25215E-05		27	0.000337616		77	0.00096283		194	0.002426
30.06639	696	0.8042081	8.16E-01	1.96E+02		53	0.6454546		61	0.742882		10	0.121784		5	6.08919E-05		27	0.000328816		77	0.00093774		194	0.002363
30.13305	700	0.7718336	7.88E-01	1.89E+02		53	0.6235064		61	0.717621		10	0.117643		5	5.88214E-05		27	0.000317635		77	0.00090585		194	0.002282
30.19972	704	0.7468703	7.59E-01	1.82E+02		53	0.6008227		61	0.691513		10	0.113363		5	5.66814E-05		27	0.000306079		77	0.00087289		194	0.002199
30.26639	708	0.7261885	7.37E-01	1.77E+02		53	0.5827648		61	0.670729		10	0.109956		5	5.49778E-05		27	0.00029688		77	0.00084666		194	0.002133
30.33306	712	0.7088215	7.18E-01	1.72E+02		53	0.5677121		61	0.653404		10	0.107115		5	5.23168E-05		27	0.000282511		77	0.00082479		194	0.002078
30.39972	716	0.6929402	7.01E-01	1.68E+02		53	0.5545585		61	0.638265		10	0.104634		5	5.11833E-05		27	0.00027639		77	0.00080568		194	0.00203
30.46639	720	0.6784506	6.86E-01	1.65E+02		53	0.5425433		61	0.624437		10	0.102367		5	5.01403E-05		27	0.000270758		77	0.00078822		194	0.001986
30.53306	724	0.6649932	6.72E-01	1.61E+02		53	0.5314871		61	0.611712		10	0.100281		5	4.91655E-05		27	0.000265494		77	0.00077216		194	0.001945
30.59972	728	0.6523329	6.59E-01	1.58E+02		53	0.5211545		61	0.599819		10	0.098331		5	4.82262E-05		27	0.000260421		77	0.00075715		194	0.001906
30.66639	732	0.639825	6.46E-01	1.55E+02		53	0.5111976		61	0.588359		10	0.096452		5	4.73136E-05		27	0.000255493		77	0.00074268		194	0.001871
30.73306	736	0.6278806	6.34E-01	1.52E+02		53	0.5015239		61	0.577226		10	0.094627		5	4.64446E-05		27	0.000250801		77	0.00072863		194	0.001836
30.79972	740	0.6165422	6.22E-01	1.49E+02		53	0.4923128		61	0.566624		10	0.092889		5	4.56174E-05		27	0.000246334		77	0.00071525		194	0.001802
30.86639	744	0.6057164	6.11E-01	1.47E+02		53	0.4835443		61	0.556532		10	0.091235		5	4.48297E-05		27	0.00024208		77	0.00070251		194	0.00177
30.93306	748	0.5954362	6.01E-01	1.44E+02		53	0.4751945		61	0.546922		10	0.089659		5	4.40852E-05		27	0.00023806		77	0.00069038		194	0.001739
30.99972	752	0.5857702	5.91E-01	1.42E+02		53	0.4673034		61	0.53784		10	0.08817		5	4.33808E-05		27	0.000234256		77	0.00067891		194	0.001711
31.06639	756	0.5765607	5.81E-01	1.39E+02		53	0.459836		61	0.529245		10	0.086762		5	4.27205E-05		27	0.000230691		77	0.00066806		194	0.001683
31.13305	760	0.5680794	5.72E-01	1.37E+02		53	0.4526373		61	0.52119		10	0.085441		5						77	0.0006579		194	0.001658

Conduit CSO 1005

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
1.79E+05	21.53	534.95	921.90	104.25	0.06	0.39	0.96	2.49

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
31.19972	764	0.5603098	5.64E-01	1.35E+02		53	0.4464082		61	0.513791		10	0.084228		5	4.2114E-05		27	0.000227415		77	0.00064856		194	0.001634
31.26639	768	0.5532074	5.57E-01	1.34E+02		53	0.4405246		61	0.507019		10	0.083118		5	4.15589E-05		27	0.000224418		77	0.00064001		194	0.001612
31.33306	772	0.5468019	5.50E-01	1.32E+02		53	0.4351806		61	0.500868		10	0.08211		5	4.10548E-05		27	0.000221696		77	0.00063224		194	0.001593
31.39972	776	0.5411648	5.44E-01	1.31E+02		53	0.4304184		61	0.495385		10	0.081211		5	4.06053E-05		27	0.000219269		77	0.00062532		194	0.001575
31.46639	780	0.5362119	5.39E-01	1.29E+02		53	0.4262268		61	0.490563		10	0.08042		5	4.02101E-05		27	0.000217134		77	0.00061924		194	0.00156
31.53306	784	0.5318468	5.34E-01	1.28E+02		53	0.4225405		61	0.48632		10	0.079725		5	3.98623E-05		27	0.000215256		77	0.00061388		194	0.001547
31.59972	788	0.5279533	5.30E-01	1.27E+02		53	0.4192732		61	0.48256		10	0.079108		5	3.95541E-05		27	0.000213592		77	0.00060913		194	0.001535
31.66639	792	0.5245006	5.26E-01	1.26E+02		53	0.4163671		61	0.479215		10	0.07856		5	3.92799E-05		27	0.000212112		77	0.00060491		194	0.001524
31.73306	796	0.521462	5.23E-01	1.26E+02		53	0.413799		61	0.476259		10	0.078075		5	3.90376E-05		27	0.000210803		77	0.00060118		194	0.001515
31.79972	800	0.5188078	5.20E-01	1.25E+02		53	0.4115468		61	0.473667		10	0.07765		5	3.88252E-05		27	0.000209656		77	0.00059791		194	0.001508
31.86639	804	0.5164676	5.18E-01	1.24E+02		53	0.4095709		61	0.471393		10	0.077278		5	3.86388E-05		27	0.000208649		77	0.00059504		194	0.001499
31.93306	808	0.5144507	5.15E-01	1.24E+02		53	0.4078472		61	0.469409		10	0.076952		5	3.84761E-05		27	0.000207771		77	0.00059253		194	0.001493
31.99972	812	0.5127462	5.14E-01	1.23E+02		53	0.4063749		61	0.467715		10	0.076675		5	3.83373E-05		27	0.000207021		77	0.00059039		194	0.001487
32.06639	816	0.5114169	5.12E-01	1.23E+02		53	0.4051747		61	0.466333		10	0.076448		5	3.8224E-05		27	0.00020641		77	0.00058865		194	0.001483
32.13306	820	0.5104666	5.11E-01	1.23E+02		53	0.4042729		61	0.465295		10	0.076278		5	3.81389E-05		27	0.00020595		77	0.00058734		194	0.00148
32.19972	824	0.5098464	5.10E-01	1.22E+02		53	0.4036515		61	0.46458		10	0.076161		5	3.80803E-05		27	0.000205634		77	0.00058644		194	0.001478
32.26639	828	0.509481	5.10E-01	1.22E+02		53	0.4032616		61	0.464131		10	0.076087		5	3.80435E-05		27	0.000205435		77	0.00058587		194	0.001476
32.33306	832	0.5094745	5.09E-01	1.22E+02		53	0.4031145		61	0.463962		10	0.076059		5	3.80297E-05		27	0.00020536		77	0.00058566		194	0.001476
32.39972	836	0.5096563	5.10E-01	1.22E+02		53	0.403263		61	0.464133		10	0.076087		5	3.80437E-05		27	0.000205436		77	0.00058587		194	0.001476
32.46639	840	0.5104449	5.10E-01	1.22E+02		53	0.4036469		61	0.464575		10	0.07616		5	3.80799E-05		27	0.000205631		77	0.00058643		194	0.001477
32.53305	844	0.5112822	5.11E-01	1.23E+02		53	0.404211		61	0.465224		10	0.076266		5	3.81331E-05		27	0.000205919		77	0.00058725		194	0.00148
32.59972	848	0.5122555	5.12E-01	1.23E+02		53	0.4049273		61	0.466048		10	0.076401		5	3.82007E-05		27	0.000206284		77	0.00058829		194	0.001482
32.66639	852	0.5132642	5.13E-01	1.23E+02		53	0.4057114		61	0.466951		10	0.076549		5	3.82747E-05		27	0.000206683		77	0.00058943		194	0.001485
32.73306	856	0.5146951	5.14E-01	1.23E+02		53	0.4066765		61	0.468062		10	0.076731		5	3.83657E-05		27	0.000207175		77	0.00059063		194	0.001489
32.79972	860	0.5162688	5.15E-01	1.24E+02		53	0.4078652		61	0.46943		10	0.076956		5	3.84778E-05		27	0.00020778		77	0.00059256		194	0.001493
32.86639	864	0.5182049	5.17E-01	1.24E+02		53	0.4092537		61	0.471028		10	0.077218		5	3.86088E-05		27	0.000208488		77	0.00059458		194	0.001498
32.93306	868	0.520387	5.19E-01	1.25E+02		53	0.410883		61	0.472903		10	0.077525		5	3.87625E-05		27	0.000209318		77	0.00059694		194	0.001504
32.99972	872	0.5224802	5.21E-01	1.25E+02		53	0.4125743		61	0.47485		10	0.077844		5	3.89221E-05		27	0.000210179		77	0.0005994		194	0.00151
33.06639	876	0.5244567	5.23E-01	1.26E+02		53	0.4141844		61	0.476703		10	0.078148		5	3.9074E-05		27	0.00021		77	0.00060174		194	0.001516
33.13306	880	0.5262007	5.25E-01	1.26E+02		53	0.4156563		61	0.478397		10	0.078426		5	3.92129E-05		27	0.000211749		77	0.00060388		194	0.001521
33.19972	884	0.5275581	5.27E-01	1.26E+02		53	0.4168832		61	0.479809		10	0.078657		5	3.93286E-05		27	0.000212374		77	0.00060566		194	0.001526
33.26639	888	0.5284636	5.28E-01	1.27E+02		53	0.4177785		61	0.480839		10	0.078826		5	3.94131E-05		27	0.000212831		77	0.00060696		194	0.001529
33.33306	892	0.5290578	5.29E-01	1.27E+02		53	0.4183718		61	0.481522		10	0.078938		5	3.9469E-05		27	0.000213133		77	0.00060782		194	0.001531
33.39972	896	0.5291987	5.29E-01	1.27E+02		53	0.4186626		61	0.481857		10	0.078993		5	3.94965E-05		27	0.000213281		77	0.00060825		194	0.001532
33.46639	900	0.5289089	5.29E-01	1.27E+02		53	0.4186037		61	0.481789		10	0.078962		5	3.94909E-05		27	0.000213251		77	0.00060816		194	0.001532
33.53305	904	0.5282407	5.29E-01	1.27E+02		53	0.4182247		61	0.481353		10	0.07891		5	3.94552E-05		27	0.000213058		77	0.00060761		194	0.001531
33.59972	908	0.5271325	5.28E-01	1.27E+02		53	0.4175219		61	0.480544		10	0.078778		5	3.93889E-05		27	0.0002127		77	0.00060659		194	0.001528
33.66639	912	0.5258761	5.27E-01	1.26E+02		53	0.4165864		61	0.479467		10	0.078601		5	3.93006E-05		27	0.000212223		77	0.00060523		194	0.001525
33.73306	916	0.5245545	5.25E-01	1.26E+02		53	0.4155665		61	0.478294		10	0.078409		5	3.92044E-05		27	0.000211704		77	0.00060375		194	0.001521
33.79972	920	0.5231248	5.24E-01	1.26E+02		53	0.4144781		61	0.477041		10	0.078203		5	3.91017E-05		27	0.000211149		77	0.00060217		194	0.001517
33.86639	924	0.5217286	5.22E-01	1.25E+02		53	0.4133601		61	0.475754		10	0.077992		5	3.89962E-05		27	0.00021058		77	0.00060054		194	0.001513
33.93306	928	0.5201671	5.21E-01	1.25E+02		53	0.41219		61	0.474407		10	0.077772		5	3.88858E-05		27	0.000209984		77	0.00059884		194	0.001509
33.99972	932	0.5185508	5.19E-01	1.25E+02		53	0.4109328		61	0.47296		10	0.077534		5	3.87672E-05		27	0.000209343		77	0.00059702		194	0.001504
34.06639	936	0.5167492	5.18E-01	1.24E+02		53	0.4095806		61	0.471404		10	0.077279		5	3.86397E-05		27	0.000208654		77	0.00059505		194	0.001499
34.13306	940	0.5150986	5.16E-01	1.24E+02		53	0.4082149		61	0.469832		10	0.077022		5	3.85108E-05		27	0.000207959		77	0.00059307		194	0.001494
34.19972	944	0.5136052	5.14E-01	1.23E+02		53	0.4069711		61	0.468401		10	0.076787		5	3.83935E-05		27	0.000207325		77	0.00059126		194	0.00149
34.26639	948	0.512	5.13E-01	1.23E+02		53	0.4057452		61	0.46699		10	0.076556		5	3.82779E-05		27	0.0002067		77	0.00058948		194	0.001485
34.33306	952	0.5104356	5.11E-01	1.23E+02		53	0.4044913		61	0.465547		10	0.076319		5	3.81596E-05		27	0.000206062		77	0.00058766		194	0.001481
34.39972	956	0.5091325	5.10E-01	1.22E+02		53	0.4033568		61	0.464241		10	0.076105		5	3.80525E-05		27	0.000205484		77	0.00058601		194	0.001476
34.46639	960	0.5080115	5.09E-01	1.22E+02		53	0.4023978		61	0.463137		10	0.075924		5	3.79621E-05		27	0.000204995		77	0.00058462		194	0.001473
34.53305	964	0.5069138	5.07E-01	1.22E+02		53	0.4015201		61	0.462127		10	0.075759		5	3.78793E-05		27	0.000204548		77	0.00058334		194	0.00147
34.59972	968	0.505892	5.06E-01	1.22E+02		53	0.4006816		61	0.461162		10	0.0756		5	3.78001E-05		27	0.000204121		77	0.00058212		194	0.001467
34.66639	972	0.5050121	5.05E-01	1.21E+02		53	0.3999292		61	0.460296		10	0.075458		5	3.77292E-05		27	0.000203738		77	0.00058103		194	0.001464
34.73306	976	0.5042045	5.05E-01	1.21E+02		53	0.3992616		61	0.459528		10	0.075332		5	3.76662E-05		27	0.000203397		77	0.00058006		194	0.001461
34.79972	980	0.5033268	5.04E-01	1.21E+02		53	0.3985949		61	0.45876		10	0.075207		5	3.76033E-05		27	0.000203058		77	0.00057909		194	0.001459
34.86639	984	0.5023351	5.03E-01	1.21E+02		53	0.3978553		61	0.457909		10	0.075067		5	3.75335E-05		27	0.000202681		77	0.00057802		194	0.001456
34.93306	988	0.5014286	5.02E-01	1.20E+02		53	0.3971044		61	0.457045		10	0.074925		5	3.74627E-05		27	0.000202298		77	0.00057693		194	0.001454
34.99972	992	0.5003016	5.01E-01	1.20E+02		53	0.3962999		61	0.456119		10	0.074774		5	3.73866E-05		27	0.000201889		77	0.00057576		194	0.001451
35.06639	996	0.4991064	5.00E-01	1.20E+02		53	0.3953812		61	0.455061		10	0.0746		5	3.73001E-05		27	0.000201421		77	0.00057442		194	0.001447
35.13306	1000	0.4978267	4.98E-01	1.20E+02		53	0.3944029		61	0.453935		10	0.074416		5	3.72078E-05		27	0.000200922		77	0.00057		194	0.001444
35.19972	1004	0.496374	4.97E-01	1.19E+02		53	0.3933219		61	0.452691		10	0.074212		5	3.71058E-05		27	0.000200372		77	0.00057143		194	0.00144
35.26639	1008	0.4946458	4.96E-01	1.19E+02		53	0.3920627		61	0.451242		10	0.073974		5	3.6967E-05		27	0.00019973		77	0.0005696		194	0.001435
35.33306	1012	0.492746	4.94E-01	1.18E+02		53	0.3906274		61	0.44959		10	0.073703		5	3.68516E-05		27	0.000199999		77	0.00056752		194	0.00143
35.39972	1016	0.[illegible]155	4.92E-01	1.18E+02		53	0.389033		61	0.447755		10	973402		5	3.67012E-05		27	0.000198187		77	0.0005652		194	0.001424

Conduit CSO 1005

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
1.79E+05	21.53	534.95	921.90	104.25	0.06	0.39	0.96	2.49

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
18.46639	0	1.70E-03			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
18.53306	4	8.67E-03	5.18E-03	1.24E+00		80	0.0061899		761.5	0.05892		36.5	0.002824		7.5	5.80299E-07		172.5	1.33469E-05		283.5	2.1935E-05		639	4.94E-05
18.59972	8	2.73E-02	1.80E-02	4.32E+00		80	0.0214808		761.5	0.20447		36.5	0.009801		7.5	2.01383E-06		172.5	4.6318E-05		283.5	7.6123E-05		639	0.000172
18.66639	12	4.96E-02	3.85E-02	9.23E+00		80	0.0459427		761.5	0.437317		36.5	0.020961		7.5	4.30712E-06		172.5	9.90638E-05		283.5	0.00016281		639	0.000367
18.73306	16	6.09E-02	6.52E-02	1.57E+01	69	58	0.0779182	451	358.5	0.741684	24	17.5	0.03555	4	5.5	7.30483E-06	130	107	0.00016011	198	147.5	0.00027612	446	410.5	0.000822
18.79972	20	0.1190433	9.99E-02	2.40E+01		58	0.0865413		358.5	0.534915		17.5	0.026112		5.5	8.20651E-06		107	0.000159654		147.5	0.00022008		410.5	0.000613
18.86639	24	0.1812441	1.40E-01	3.36E+01		58	0.121347		358.5	0.75005		17.5	0.036613		5.5	1.1507E-05		107	0.000223864		147.5	0.0003086		410.5	0.000859
18.93306	28	0.2136069	1.87E-01	4.50E+01	47	42	0.1622871	266	238.5	1.003102	11	9.5	0.048966	7	5.5	1.53893E-05	84	69.5	0.000299392	97	90.5	0.00041271	375	307	0.001149
18.99972	32	0.2733719	2.43E-01	5.84E+01		42	0.152671		238.5	0.866953		9.5	0.034533		5.5	1.99926E-05		69.5	0.000252634		90.5	0.00032897		307	0.001116
19.06639	36	0.3415278	3.07E-01	7.38E+01		42	0.1927751		238.5	1.094687		9.5	0.043604		5.5	2.52444E-05		69.5	0.000318997		90.5	0.00041538		307	0.001409
19.13305	40	0.4183416	3.80E-01	9.12E+01		42	0.238224		238.5	1.352772		9.5	0.053884		5.5	3.1196E-05		69.5	0.000394204		90.5	0.00051332		307	0.001741
19.19972	44	0.5004898	4.59E-01	1.10E+02	37	32	0.2880597	211	192.5	1.635767	8	7	0.065156	4	3.5	3.77221E-05	55	57	0.00047667	84	101.5	0.0008207	239	258.5	0.002106
19.26639	48	0.5922616	5.46E-01	1.31E+02		32	0.2610169		192.5	1.57018		7	0.057097		3.5	2.85487E-05		57	0.000484936		101.5	0.00082791		258.5	0.002109
19.33306	52	0.6892872	6.41E-01	1.54E+02		32	0.3061135		192.5	1.841464		7	0.066962		3.5	3.34812E-05		57	0.000545265		101.5	0.00097095		258.5	0.002473
19.39972	56	0.792734	7.41E-01	1.78E+02		32	0.3539987		192.5	2.129524		7	0.077437		3.5	3.87186E-05		57	0.00063056		101.5	0.00112284		258.5	0.00286
19.46639	60	0.9039663	8.48E-01	2.04E+02	27	32	0.4052774	174	166.5	2.437997	6	7	0.088654	3	2	4.43272E-05	59	70.5	0.0007219	119	102	0.00128549	278	310	0.003274
19.53306	64	1.020945	9.62E-01	2.31E+02		32	0.4597884		166.5	2.392337		7	0.100579		2	2.87368E-05		70.5	0.001012971		102	0.00146558		310	0.004454
19.59972	68	1.14643	1.08E+00	2.60E+02		32	0.5177038		166.5	2.693678		7	0.113248		2	3.23565E-05		70.5	0.001140566		102	0.00165018		310	0.005015
19.66639	72	1.2853	1.22E+00	2.92E+02		32	0.5808482		166.5	3.022226		7	0.127061		2	3.6303E-05		70.5	0.001279681		102	0.00185145		310	0.005627
19.73306	76	1.436512	1.36E+00	3.27E+02	37	37.5	0.6501378	159	138	3.382748	8	7	0.142218	1	3.5	4.06336E-05	82	65.5	0.001432335	85	81.5	0.00207231	342	325.5	0.006298
19.79972	80	1.593882	1.52E+00	3.64E+02		37.5	0.8482575		138	3.121587		7	0.158341		3.5	7.91707E-05		65.5	0.001481623		81.5	0.00184355		325.5	0.007363
19.86639	84	1.750294	1.67E+00	4.01E+02		37.5	0.9360902		138	3.444812		7	0.174737		3.5	8.73684E-05		65.5	0.001635038		81.5	0.00203444		325.5	0.008125
19.93306	88	1.934497	1.84E+00	4.42E+02		37.5	1.031434		138	3.795677		7	0.192534		3.5	9.62672E-05		65.5	0.001801571		81.5	0.00224165		325.5	0.008953
19.99972	92	2.168924	2.05E+00	4.92E+02	38	29	1.1486155	117	110.5	4.226905	6	5.5	0.214408	6	8	0.000107204	49	38	0.002006248	78	66	0.00249632	309	264	0.00997
20.06639	96	2.443963	2.31E+00	5.54E+02		29	0.9985461		110.5	3.804805		5.5	0.189379		8	0.000275461		38	0.001239575		66	0.00227255		264	0.00909
20.13305	100	2.73204	2.59E+00	6.21E+02		29	1.1204432		110.5	4.269275		5.5	0.212498		8	0.000309088		38	0.001390895		66	0.00254997		264	0.0102
20.19972	104	3.035465	2.88E+00	6.92E+02	20	28	1.2484849	104	111	4.757158	5	6	0.236782	10	7.5	0.00034441	23	37	0.001549843	54	50	0.00284138	219	258	0.011366
20.26639	108	3.34017	3.19E+00	7.65E+02		28	1.3325355		111	5.282552		6	0.285543		7.5	0.000356929		37	0.001760851		50	0.00237953		258	0.012278
20.33306	112	3.657577	3.50E+00	8.40E+02		28	1.4625597		111	5.798004		6	0.313406		7.5	0.000391757		37	0.001932668		50	0.00261171		258	0.013476
20.39972	116	3.762626	3.71E+00	8.90E+02		28	1.5508548		111	6.148032		6	0.332326		7.5	0.000415408		37	0.002049344		50	0.00276938		258	0.01429
20.46639	120	4.197065	3.98E+00	9.55E+02	36	35	1.6636102	118	142.5	6.595026	7	8	0.356488	5	5	0.00044561	51	53	0.002198342	46	51.5	0.00297073	297	258	0.015329
20.53306	124	4.609144	4.40E+00	1.06E+03		35	2.3006701		142.5	9.367014		8	0.525867		5	0.000328667		53	0.003483872		51.5	0.00338527		258	0.016959
20.59972	128	4.920602	4.76E+00	1.14E+03		35	2.4896981		142.5	10.13663		8	0.569074		5	0.000355671		53	0.003770114		51.5	0.00366341		258	0.018353
20.66639	132	5.166628	5.04E+00	1.21E+03		35	2.6353439		142.5	10.72961		8	0.602364		5	0.000376478		53	0.003990664		51.5	0.00387772		258	0.019426
20.73306	136	5.419147	5.29E+00	1.27E+03	34	29.5	2.7655915	167	126.5	11.25991	9	8	0.632135	5	4	0.000395084	55	56.5	0.004187896	57	60.5	0.00406937	219	235.5	0.020386
20.79972	140	5.715863	5.57E+00	1.34E+03		29.5	2.4519406		126.5	10.51425		8	0.664933		4	0.000332467		56.5	0.00469609		60.5	0.00502856		235.5	0.019574
20.86639	144	5.983872	5.85E+00	1.40E+03		29.5	2.5762937		126.5	11.0475		8	0.698656		4	0.000349328		56.5	0.004934257		60.5	0.00528359		235.5	0.020567
20.93306	148	6.048772	6.02E+00	1.44E+03		29.5	2.6496006		126.5	11.36185		8	0.718536		4	0.000359268		56.5	0.005074659		60.5	0.00543393		235.5	0.021152
20.99972	152	6.105799	6.08E+00	1.46E+03	25	27.5	2.676449	86	107.5	11.47698	7	8	0.725817	3	3	0.000362908	58	59.5	0.00512608	64	64.5	0.00548899	252	277	0.021366
21.06639	156	6.164816	6.14E+00	1.47E+03		27.5	2.5188154		107.5	9.846279		8	0.732746		3	0.00027478		59.5	0.005449801		64.5	0.00590777		277	0.025371
21.13305	160	6.215467	6.19E+00	1.49E+03		27.5	2.5413272		107.5	9.934279		8	0.739295		3	0.000277236		59.5	0.005498508		64.5	0.00596057		277	0.025598
21.19972	164	6.262529	6.24E+00	1.50E+03		27.5	2.561385		107.5	10.01269		8	0.74513		3	0.000279424		59.5	0.005541906		64.5	0.00600761		277	0.0258
21.26639	168	6.308136	6.29E+00	1.51E+03	30	40.5	2.5804074	129	118	10.08705	9	9.5	0.750664	3	4	0.000281499	61	54	0.005583063	65	64	0.00605223	302	269	0.025992
21.33306	172	6.352369	6.33E+00	1.52E+03		40.5	3.8273958		118	11.15142		9.5	0.897784		4	0.000378014		54	0.005103194		64	0.00804823		269	0.025421
21.39972	176	6.391902	6.37E+00	1.53E+03		40.5	3.8527191		118	11.22521		9.5	0.903724		4	0.000380515		54	0.005136959		64	0.00808825		269	0.02559
21.46639	180	6.399956	6.40E+00	1.54E+03	51	47	3.8671051	107	114	11.26712	10	9	0.907099	5	7	0.000381936	47	48	0.00515614	63	102.5	0.00811098	236	271	0.025685
21.53306	184	6.399973	6.40E+00	1.54E+03		47	4.4905832		114	10.89205		9	0.859899		7	0.00066881		48	0.004586127		102.5	0.00979329		271	0.025893
21.59972	188	6.400006	6.40E+00	1.54E+03		47	4.4906007		114	10.8921		9	0.859902		7	0.000668813		48	0.004586145		102.5	0.00979333		271	0.025893
21.66639	192	6.400017	6.40E+00	1.54E+03		47	4.4906161		114	10.89213		9	0.859905		7	0.000668815		48	0.004586161		102.5	0.00979336		271	0.025893
21.73306	196	6.400029	6.40E+00	1.54E+03		47	4.4906242		114	10.89215		9	0.859907	9	7	0.000668816	49	42	0.004586169	142	140.5	0.00979338	306	294	0.025893
21.79972	200	6.400039	6.40E+00	1.54E+03		47	4.4906319		114	10.89217		9	0.859908		7	0.000668818		42	0.004012905		140.5	0.01342412		294	0.02809
21.86639	204	6.399981	6.40E+00	1.54E+03		47	4.4906151		114	10.89213		9	0.859905		7	0.000668815		42	0.00401289		140.5	0.01342407		294	0.02809
21.93306	208	6.399987	6.40E+00	1.54E+03		47	4.4905968		114	10.89209		9	0.859902		7	0.000668812		42	0.004012874		140.5	0.01342402		294	0.02809
21.99972	212	6.400024	6.40E+00	1.54E+03		47	4.4906119		114	10.89212		9	0.859904		7	0.000668815		42	0.004012887		140.5	0.01342406		294	0.02809
22.06639	216	6.399962	6.40E+00	1.54E+03		47	4.4906032		114	10.8921		9	0.859903		7	0.000668813		42	0.004012879		140.5	0.01342404		294	0.02809
22.13305	220	6.399978	6.40E+00	1.54E+03		47	4.490587		114	10.89206		9	0.8599		7	0.000668811		42	0.004012865		140.5	0.01342399		294	0.02809
22.19972	224	6.400009	6.40E+00	1.54E+03		47	4.4906035		114	10.8921		9	0.859903	5	4	0.000668813	35	37.5	0.00401288	139	120.5	0.01342404	282	252.5	0.02809
22.26639	228	6.400022	6.40E+00	1.54E+03		47	4.4906189		114	10.89214		9	0.859906		4	0.00038218		37.5	0.003582941		120.5	0.01151318		252.5	0.024125
22.33306	232	6.400032	6.40E+00	1.54E+03		47	4.490627		114	10.89216		9	0.859907		4	0.000382181		37.5	0.003582947		120.5	0.0115132		252.5	0.024125
22.39972	236	6.399975	6.40E+00	1.54E+03		47	4.4906105		114	10.89212		9	0.859904		4	0.00038218		37.5	0.003582934		120.5	0.01151316		252.5	0.024125
22.46639	240	6.39998	6.40E+00	1.54E+03	43	48	4.4905923	121	91	10.89207	8	9	0.859901	3	4	0.000382178	40	37.5	0.003582919	102	120.5	0.01151311	223	252.5	0.024125
22.53306	244	6.400019	6.40E+00	1.54E+03		48	4.5861526		91	8.694581		9	0.859904		4	0.000382179		37.5	0.003582932		120.5	0.01151315		252.5	0.024125
22.59972	248	6.399956	6.40E+00	1.54E+03		48	4.586144		91	8.694565		9	0.859902		4	0.000382179		37.5	0.003582925		120.5	0.01151313		252.5	0.024125

Conduit CSO 1005

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
1.79E+05	21.53	534.95	921.90	104.25	0.06	0.39	0.98	2.49

Conduit CSO

Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
22.66639	252	6.399973	6.40E+00	1.54E+03			4.5861275			8.694533			0.859899			0.000382177		37.5	0.003582912		120.5	0.01151309		252.5	0.024125
22.73306	256	6.400006	6.40E+00	1.54E+03			4.5861612			8.694567			0.859902	5	5	0.000382179	35	35	0.003582926	139	139	0.01151314	282	282	0.024125
22.79972	260	6.400017	6.40E+00	1.54E+03			4.5861454			8.694597			0.859905		5	0.000477725		35	0.003344076		139	0.01328076		282	0.026944
22.86639	264	6.400029	6.40E+00	1.54E+03			4.5861694			8.694613			0.859907		5	0.000477726		35	0.003344082		139	0.01328078		282	0.026944
22.93306	268	6.400039	6.40E+00	1.54E+03			4.5861773			8.694628			0.859908		5	0.000477727		35	0.003344088		139	0.01328081		282	0.026944
22.99972	272	6.399981	6.40E+00	1.54E+03			4.5861601			8.694595			0.859905	5	5	0.000477725	35	35	0.003344075	139	139	0.01328076	282	282	0.026944
23.06639	276	6.399987	6.40E+00	1.54E+03			4.5861415			8.69456			0.859902		5	0.000477723		35	0.003344061		139	0.0132807		282	0.026944
23.13305	280	6.400024	6.40E+00	1.54E+03			4.5861569			8.694589			0.859904		5	0.000477725		35	0.003344073		139	0.01328075		282	0.026944
23.19972	284	6.399962	6.40E+00	1.54E+03			4.5861479			8.694572			0.859903		4	0.000477724		33.5	0.003344066		96	0.01328072		215	0.026944
23.26639	288	6.399978	6.40E+00	1.54E+03			4.5861314			8.694541			0.8599		4	0.000382178		33.5	0.003200738		96	0.00917226		215	0.020542
23.33306	292	6.400009	6.40E+00	1.54E+03			4.5861483			8.694573			0.859903		4	0.000382179		33.5	0.003200749		96	0.0091723		215	0.020542
23.39972	296	6.400022	6.40E+00	1.54E+03			4.586164			8.694603			0.859906		4	0.00038218		33.5	0.00320076		96	0.00917233		215	0.020542
23.46639	300	6.400032	6.40E+00	1.54E+03	53	53	4.5861723	61	61	8.694618	10	10	0.859907	3	4	0.000382181	32	29.5	0.003200766	53	65	0.00917234	148	171	0.020542
23.53306	304	6.399975	6.40E+00	1.54E+03		53	5.06388		61	5.628239		10	0.955449		4	0.00038218		29.5	0.002818575		65	0.00821042		171	0.016338
23.59972	308	6.39998	6.40E+00	1.54E+03		53	5.0638594		61	5.628216		10	0.955445		4	0.000382178		29.5	0.002818563		65	0.00821039		171	0.016338
23.66639	312	6.400019	6.40E+00	1.54E+03		53	5.0638766		61	5.628236		10	0.955448		4	0.000382179		29.5	0.002818573		65	0.00821041		171	0.016338
23.73306	316	6.399956	6.40E+00	1.54E+03		53	5.0638673		61	5.628225		10	0.955447	5	5	0.000382179	27	27	0.002818568	77	77	0.0082104	194	194	0.016338
23.79972	320	6.399973	6.40E+00	1.54E+03		53	5.0638491		61	5.628204		10	0.955443		5	0.000477722		27	0.002579697		77	0.00735691		194	0.018536
23.86639	324	6.400006	6.40E+00	1.54E+03		53	5.0638689		61	5.628226		10	0.955447		5	0.000477723		27	0.002579707		77	0.00735694		194	0.018536
23.93306	328	6.393074	6.40E+00	1.54E+03		53	5.0611395		61	5.625085		10	0.954932		5	0.000477466		27	0.002578316		77	0.00735296		194	0.018526
23.99972	332	6.383348	6.39E+00	1.53E+03		53	5.0545494		61	5.8175		10	0.953689		5	0.000476844		27	0.002574959		77	0.0073434		194	0.018502
24.06639	336	6.372727	6.38E+00	1.53E+03		53	5.0464998		61	5.808236		10	0.95217		5	0.000476065		27	0.002570858		77	0.00733171		194	0.018472
24.13305	340	6.358781	6.37E+00	1.53E+03		53	5.0367728		61	5.79704		10	0.950334		5	0.000475167		27	0.002565903		77	0.00731758		194	0.018438
24.19972	344	6.3434	6.35E+00	1.52E+03		53	5.0251706		61	5.783687		10	0.948145	5	5	0.000474073	27	27	0.002559993	77	77	0.00730072	194	194	0.018394
24.26639	348	6.330541	6.34E+00	1.52E+03		53	5.0140063		61	5.770837		10	0.946039		5	0.000473019		27	0.002554305		77	0.0072845		194	0.018353
24.33306	352	6.313839	6.32E+00	1.52E+03		53	5.0023115		61	5.757377		10	0.943832		5	0.000471916		27	0.002548347		77	0.00726751		194	0.01831
24.39972	356	6.295547	6.30E+00	1.51E+03		53	4.9884673		61	5.741444		10	0.94122		5	0.00047061		27	0.002541295		77	0.0072474		194	0.01826
24.46639	360	6.276557	6.29E+00	1.51E+03		53	4.973718		61	5.724468		10	0.938437		5	0.000469219		27	0.002533781		77	0.00722597		194	0.018206
24.53306	364	6.258074	6.27E+00	1.50E+03		53	4.9588931		61	5.707405		10	0.93564		5	0.00046762		27	0.002526229		77	0.00720443		194	0.018151
24.59972	368	6.23667	6.25E+00	1.50E+03		53	4.9431132		61	5.689244		10	0.932663		5	0.000466331		27	0.00251819		77	0.0071815		194	0.018094
24.66639	372	6.21664	6.23E+00	1.49E+03		53	4.9267213		61	5.670377		10	0.92957		5	0.000464785		27	0.002509839		77	0.00715769		194	0.018034
24.73306	376	6.1961	6.21E+00	1.49E+03		53	4.9106712		61	5.651905		10	0.926542		5	0.000463271		27	0.002501663		77	0.00713437		194	0.017975
24.79972	380	6.17199	6.18E+00	1.48E+03		53	4.8930069		61	5.631574		10	0.923209		5	0.000461604		27	0.002492664		77	0.00710671		194	0.01791
24.86639	384	6.148607	6.16E+00	1.48E+03		53	4.874218		61	5.609949		10	0.919664		5	0.000459832		27	0.002483092		77	0.00708141		194	0.017841
24.93306	388	6.123302	6.14E+00	1.47E+03		53	4.8549562		61	5.58778		10	0.916029		5	0.000458015		27	0.00247328		77	0.00705343		194	0.017771
24.99972	392	6.096498	6.11E+00	1.47E+03		53	4.8343411		61	5.564053		10	0.91214		5	0.00045607		27	0.002462778		77	0.00702348		194	0.017696
25.06639	396	6.069156	6.08E+00	1.46E+03		53	4.8129201		61	5.539399		10	0.908098		5	0.000454049		27	0.002451865		77	0.00699236		194	0.017617
25.13305	400	6.040606	6.05E+00	1.45E+03		53	4.7908084		61	5.513949		10	0.903926		5	0.000451963		27	0.002440601		77	0.00696023		194	0.017536
25.19972	404	6.00919	6.02E+00	1.45E+03		53	4.7670849		61	5.486645		10	0.89945		5	0.000449725		27	0.002426515		77	0.00692576		194	0.017449
25.26639	408	5.903038	5.96E+00	1.43E+03		53	4.7126609		61	5.424006		10	0.889181		5	0.000444591		27	0.00240079		77	0.0068487		194	0.01725
25.33306	412	5.747371	5.83E+00	1.40E+03		53	4.6090813		61	5.304792		10	0.869638		5	0.000434819		27	0.002348023		77	0.00689621		194	0.016871
25.39972	416	5.613854	5.68E+00	1.36E+03		53	4.4946756		61	5.173117		10	0.848052		5	0.000424026		27	0.00228974		77	0.00653		194	0.016452
25.46639	420	5.492566	5.55E+00	1.33E+03		53	4.3938708		61	5.057097		10	0.829032		5	0.000414516		27	0.002238387		77	0.00638355		194	0.016083
25.53306	424	5.372068	5.43E+00	1.30E+03		53	4.2982166		61	4.947004		10	0.810984		5	0.000405492		27	0.002189658		77	0.00624458		194	0.015733
25.59972	428	5.260359	5.32E+00	1.28E+03		53	4.2063519		61	4.841273		10	0.793651		5	0.000396826		27	0.002142859		77	0.00611112		194	0.015397
25.66639	432	5.131171	5.20E+00	1.25E+03		53	4.1110493		61	4.731585		10	0.77567		5	0.000387835		27	0.002094308		77	0.00597266		194	0.015048
25.73306	436	4.991767	5.06E+00	1.21E+03		53	4.0047902		61	4.609287		10	0.755621		5	0.00037781		27	0.002040176		77	0.00581828		194	0.014659
25.79972	440	4.864371	4.93E+00	1.18E+03		53	3.89924		61	4.487805		10	0.735706		5	0.000367853		27	0.001986405		77	0.00566493		194	0.014273
25.86639	444	4.73846	4.80E+00	1.15E+03		53	3.7990279		61	4.372466		10	0.716798		5	0.000358399		27	0.001935354		77	0.00551934		194	0.013908
25.93306	448	4.623215	4.68E+00	1.12E+03		53	3.7036228		61	4.26266		10	0.698797		5	0.000349398		27	0.001886751		77	0.00538074		194	0.013557
25.99972	452	4.517589	4.57E+00	1.10E+03		53	3.6162429		61	4.162091		10	0.68231		5	0.000341155		27	0.001842237		77	0.00525379		194	0.013237
26.06639	456	4.421371	4.47E+00	1.07E+03		53	3.5363903		61	4.070185		10	0.667243		5	0.000333622		27	0.001801557		77	0.00513777		194	0.012945
26.13305	460	4.326603	4.37E+00	1.05E+03		53	3.4608333		61	3.983223		10	0.652987		5	0.000326494		27	0.001763066		77	0.005028		194	0.012666
26.19972	464	4.229724	4.28E+00	1.03E+03		53	3.3850148		61	3.89596		10	0.638682		5	0.000319341		27	0.001724441		77	0.00491785		194	0.01239
26.26639	468	4.124341	4.18E+00	1.00E+03		53	3.3049968		61	3.803864		10	0.623584		5	0.000311792		27	0.001683878		77	0.0048016		194	0.012096
26.33306	472	4.014026	4.07E+00	9.77E+02		53	3.2196634		61	3.70565		10	0.607484		5	0.000303742		27	0.001640206		77	0.00467762		194	0.011785
26.39972	476	3.904525	3.96E+00	9.50E+02		53	3.1327008		61	3.605561		10	0.591076		5	0.000295538		27	0.001595904		77	0.00455128		194	0.011467
26.46639	480	3.796819	3.85E+00	9.24E+02		53	3.0474824		61	3.50748		10	0.574997		5	0.000287498		27	0.001552491		77	0.00442747		194	0.011155
26.53306	484	3.694056	3.75E+00	8.99E+02		53	2.9642177		61	3.411647		10	0.559286		5	0.000279643		27	0.001510073		77	0.0043065		194	0.01085
26.59972	488	3.594855	3.64E+00	8.75E+02		53	2.8836055		61	3.318867		10	0.544077		5	0.000272038		27	0.001469007		77	0.00418939		194	0.010555
26.66639	492	3.502858	3.55E+00	8.52E+02		53	2.8079646		61	3.231808		10	0.529805		5	0.000264902		27	0.001430473		77	0.0040795		194	0.010278
26.73306	496	3.413885	3.46E+00	8.30E+02		53	2.7363701		61	3.149407		10	0.516296		5	0.000258148		27	0.001394		77	0.00397548		194	0.010016
26.79972	500	3.324592	3.37E+00	8.09E+02		53	2.6658453		61	3.068237		10	0.50299		5	0.000251495		27	0.001358072		77	0.00387302		194	0.009758
26.86639	504	3.985	3.28E+00	7.88E+02		53	2.5962566		61	2.988144		10	0.48986		5	0.00024493		27	0.001322621		77	0.00377192		194	0.009503

Ce in3

Conduit CSO 1004

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
7.09E+04	4.33	158.31	670.12	35.74	0.02	0.25	0.37	1.26

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
20.86639	0	4.01E-02			91	80		1072	761.5		49	38.5		11	7.5		215	172.5		369	283.5		832	639	
20.93306	4	0.1860736	1.13E-01	2.71E+01		80	0.13506301		761.5	1.285821		38.5	0.061632		7.5	1.2664E-05		172.5	0.000291		283.5	0.000479		639	0.001079
20.99972	8	0.4993583	3.43E-01	8.23E+01		80	0.40930931		761.5	3.896113		38.5	0.186747		7.5	3.83727E-05		172.5	0.000883		283.5	0.00145		639	0.003269
21.06639	12	1.013039	7.56E-01	1.81E+02		80	0.90313611		761.5	8.596727		38.5	0.412056		7.5	8.4669E-05		172.5	0.001947		283.5	0.0032		639	0.007214
21.13305	16	1.553357	1.28E+00	3.08E+02	69	58	1.53253705	451	358.5	14.58784	24	17.5	0.69922	4	5.5	0.000143675	130	107	0.003305	198	147.5	0.005431	446	410.5	0.012241
21.19972	20	2.126941	1.84E+00	4.42E+02		58	1.59333943		358.5	9.848486		17.5	0.480749		5.5	0.000151093		107	0.002939		147.5	0.004052		410.5	0.011277
21.26639	24	2.85668	2.49E+00	5.98E+02		58	2.15759698		358.5	13.33618		17.5	0.650999		5.5	0.0002046		107	0.00398		147.5	0.005487		410.5	0.015271
21.33306	28	3.560929	3.21E+00	7.70E+02	47	42	2.77842432	266	238.5	17.17354	11	9.5	0.838318	7	5.5	0.000263471	84	69.5	0.005126	97	90.5	0.007066	375	307	0.019685
21.39972	32	4.246243	3.90E+00	9.37E+02		42	2.44759954		238.5	13.89887		9.5	0.553624		5.5	0.000320519		69.5	0.00405		90.5	0.005274		307	0.017891
21.46639	36	4.904503	4.58E+00	1.10E+03		42	2.86881878		238.5	16.29079		9.5	0.648899		5.5	0.000375679		69.5	0.004747		90.5	0.006182		307	0.02097
21.53306	40	5.479379	5.19E+00	1.25E+03		42	3.25541499		238.5	18.48611		9.5	0.736344		5.5	0.000426304		69.5	0.005387		90.5	0.007015		307	0.023798
21.59972	44	5.953461	5.72E+00	1.37E+03	37	32	3.58427019	211	192.5	20.35353	8	7	0.810728	4	3.5	0.000469369	55	57	0.005931	84	101.5	0.007723	239	258.5	0.026199
21.66639	48	6.358933	6.16E+00	1.48E+03		32	2.94096467		192.5	17.69174		7	0.643336		3.5	0.000321668		57	0.005239		101.5	0.009328		258.5	0.023757
21.73306	52	6.726094	6.54E+00	1.57E+03		32	3.12551744		192.5	18.80194		7	0.683707		3.5	0.000341853		57	0.005567		101.5	0.009914		258.5	0.025246
21.79972	56	7.04197	6.88E+00	1.65E+03		32	3.28866911		192.5	19.7834		7	0.719396		3.5	0.000359698		57	0.005858		101.5	0.010431		258.5	0.026566
21.86639	60	7.35189	7.20E+00	1.73E+03	27	32	3.43814808	174	166.5	20.68261	6	7	0.752095	3	2	0.000376047	59	70.5	0.008124	119	102	0.010905	278	310	0.027774
21.93306	64	7.643318	7.50E+00	1.80E+03		32	3.58178734		166.5	18.63649		7	0.783516		2	0.000223662		70.5	0.007891		102	0.011417		310	0.034699
21.99972	68	7.912251	7.78E+00	1.87E+03		32	3.71563636		166.5	19.33292		7	0.812795		2	0.000232227		70.5	0.008186		102	0.011844		310	0.035995
22.06639	72	8.17397	8.04E+00	1.93E+03		32	3.84238903		166.5	19.99243		7	0.840523		2	0.000240149		70.5	0.008465		102	0.012248		310	0.037223
22.13305	76	8.327316	8.25E+00	1.98E+03	37	37.5	3.94153234	159	138	20.50629	8	7	0.86221	1	3.5	0.000246346	82	65.5	0.008684	85	81.5	0.012564	342	325.5	0.038184
22.19972	80	8.371161	8.35E+00	2.00E+03		37.5	4.67418024		138	17.20098		7	0.872514		3.5	0.000436257		65.5	0.008164		81.5	0.010159		325.5	0.040572
22.26639	84	8.31262	8.34E+00	2.00E+03		37.5	4.67006659		138	17.18585		7	0.871746		3.5	0.000435873		65.5	0.008157		81.5	0.01015		325.5	0.040536
22.33306	88	8.209578	8.26E+00	1.98E+03		37.5	4.62483683		138	17.0194		7	0.863303		3.5	0.000431651		65.5	0.008078		81.5	0.010051		325.5	0.040144
22.39972	92	7.96611	8.09E+00	1.94E+03	38	29	4.52784294	117	110.5	16.66248	6	5.5	0.845197	6	8	0.000422599	49	36	0.007909	78	66	0.009841	309	264	0.039302
22.46639	96	7.434059	7.70E+00	1.85E+03		29	3.3336562		110.5	12.70238		5.5	0.632245		6	0.000919629		36	0.004138		66	0.007587		264	0.030348
22.53306	100	7.055782	7.24E+00	1.74E+03		29	3.13659859		110.5	11.95152		5.5	0.594872		8	0.000865269		36	0.003894		66	0.007138		264	0.028554
22.59972	104	6.842772	6.95E+00	1.67E+03	20	28	3.0086034	104	111	11.46382	5	6	0.570597	10	7.5	0.00082996	23	37	0.003735	54	50	0.006847	219	258	0.027389
22.66639	108	6.766648	6.80E+00	1.63E+03		28	2.84442818		111	11.27613		6	0.60952		7.5	0.0007619		37	0.003759		50	0.005079		258	0.026209
22.73306	112	6.757134	6.76E+00	1.62E+03		28	2.82652947		111	11.20517		6	0.605685		7.5	0.000757106		37	0.003735		50	0.005047		258	0.026044
22.79972	116	6.768261	6.76E+00	1.62E+03		28	2.82686659		111	11.20651		6	0.605757		7.5	0.000757196		37	0.003736		50	0.005048		258	0.026048
22.86639	120	6.793102	6.78E+00	1.63E+03	36	35	2.83438406	118	142.5	11.23631	7	8	0.607368	5	5	0.00075921	51	53	0.003745	46	51.5	0.005061	297	258	0.026117
22.93306	124	6.793379	6.79E+00	1.63E+03		35	3.54954229		142.5	14.45171		8	0.611324		5	0.000507077		53	0.005375		51.5	0.005223		258	0.026165
22.99972	128	6.726744	6.76E+00	1.62E+03		35	3.5322059		142.5	14.38112		8	0.607361		5	0.000504601		53	0.005349		51.5	0.005197		258	0.026037
23.06639	132	6.642332	6.68E+00	1.60E+03		35	3.49274405		142.5	14.22046		8	0.798341		5	0.000498963		53	0.005289		51.5	0.005139		258	0.025747
23.13305	136	6.494738	6.57E+00	1.58E+03	34	29.5	3.43213121	167	126.5	13.97368	9	8	0.784487	5	4	0.000490304	55	56.5	0.005197	57	60.5	0.00505	219	235.5	0.0253
23.19972	140	6.318485	6.41E+00	1.54E+03		29.5	2.82148487		126.5	12.09891		8	0.765148		4	0.000382574		56.5	0.005404		60.5	0.005766		235.5	0.022524
23.26639	144	6.111147	6.21E+00	1.49E+03		29.5	2.73701773		126.5	11.7367		8	0.742242		4	0.000371121		56.5	0.005242		60.5	0.005613		235.5	0.02185
23.33306	148	5.894776	6.00E+00	1.44E+03		29.5	2.64371658		126.5	11.33662		8	0.71694		4	0.00035847		56.5	0.005063		60.5	0.005422		235.5	0.021105
23.39972	152	5.668777	5.78E+00	1.39E+03	25	27.5	2.54630625	86	107.5	10.91891	7	8	0.690524	3	3	0.000345262	58	59.5	0.004877	64	64.5	0.005222	252	277	0.020327
23.46639	156	5.453325	5.56E+00	1.33E+03		27.5	2.28305772		107.5	8.92468		8	0.664162		3	0.000249081		59.5	0.00494		64.5	0.005355		277	0.022997
23.53306	160	5.243418	5.35E+00	1.28E+03		27.5	2.19574337		107.5	8.58336		8	0.638762		3	0.000239536		59.5	0.004751		64.5	0.00515		277	0.022117
23.59972	164	5.043341	5.14E+00	1.23E+03		27.5	2.11158507		107.5	8.254378		8	0.614279		3	0.000230355		59.5	0.004569		64.5	0.004953		277	0.021269
23.66639	168	4.835964	4.94E+00	1.19E+03	30	40.5	2.02794612	129	118	7.927426	9	9.5	0.589948	3	4	0.00022123	61	54	0.004388	65	64	0.004756	302	269	0.020427
23.73306	172	4.641655	4.74E+00	1.14E+03		40.5	2.86517791		118	8.347926		9.5	0.672079		4	0.000282981		54	0.00382		64	0.004528		269	0.01903
23.79972	176	4.443391	4.54E+00	1.09E+03		40.5	2.74649921		118	8.002146		9.5	0.644241		4	0.000271259		54	0.003662		64	0.00434		269	0.018242
23.86639	180	4.227216	4.34E+00	1.04E+03	51	47	2.6212102	107	114	7.637106	10	9	0.614852	5	7	0.000258885	47	48	0.003495	63	102.5	0.004142	236	271	0.01741
23.93306	184	4.05149	4.14E+00	9.93E+02		47	2.90440812		114	7.044735		9	0.556163		7	0.000432571		48	0.002966		102.5	0.003334		271	0.016747
23.99972	188	3.886047	3.97E+00	9.53E+02		47	2.78471623		114	6.754418		9	0.533244		7	0.000414745		48	0.002844		102.5	0.003073		271	0.016057
24.06639	192	3.685022	3.79E+00	9.09E+02		47	2.65614871		114	6.442573		9	0.508624		7	0.000395597		48	0.002713		102.5	0.005793		271	0.015315
24.13305	196	3.409788	3.55E+00	8.51E+02		47	2.48906336		114	6.037303		9	0.476629	9	7	0.000370712	49	42	0.002542	142	140.5	0.005428	306	294	0.014352
24.19972	200	3.163255	3.29E+00	7.89E+02		47	2.30601249		114	5.593307		9	0.441577		7	0.000343449		42	0.002061		140.5	0.005894		294	0.014425
24.26639	204	2.963367	3.06E+00	7.35E+02		47	2.14939517		114	5.213427		9	0.411586		7	0.000320123		42	0.001921		140.5	0.005425		294	0.013445
24.33306	208	2.726874	2.85E+00	6.83E+02		47	1.99700182		114	4.843792		9	0.382405		7	0.000297426		42	0.001785		140.5	0.00597		294	0.012492
24.39972	212	2.491122	2.61E+00	6.26E+02		47	1.8313247		114	4.441937		9	0.350679		7	0.00027275		42	0.001637		140.5	0.005474		294	0.011456

Condult CSO 1004

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
7.09E+04	4.33	158.31	670.12	35.74	0.02	0.25	0.37	1.26

Condult CSO

Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
24.46639	216	2.240401	2.37E+00	5.68E+02		47	1.65995432		114	4.028272		9	0.317864		7	0.000247227		42	0.001483		140.5	0.004962		294	0.010384
24.53306	220	1.978375	2.11E+00	5.06E+02		47	1.48006793		114	3.589952		9	0.283417		7	0.000220436		42	0.001323		140.5	0.004424		294	0.009258
24.59972	224	1.690115	1.83E+00	4.40E+02		47	1.28701178		114	3.121688		9	0.246449	5	4	0.000191683	35	37.5	0.00115	139	120.5	0.003847	282	252.5	0.008051
24.66639	228	1.415925	1.55E+00	3.73E+02		47	1.08968815		114	2.643073		9	0.208664		4	9.27394E-05		37.5	0.000869		120.5	0.002794		252.5	0.005854
24.73306	232	1.169992	1.29E+00	3.10E+02		47	0.90721404		114	2.200477		9	0.173722		4	7.72097E-05		37.5	0.000724		120.5	0.002326		252.5	0.004874
24.79972	236	0.9196033	1.04E+00	2.51E+02		47	0.73309012		114	1.778133		9	0.140379		4	6.23906E-05		37.5	0.000585		120.5	0.00188		252.5	0.003938
24.86639	240	0.6760035	7.98E-01	1.91E+02	43	48	0.55978475	121	91	1.357776	8	9	0.107193	3	4	4.76413E-05	40	37.5	0.000447	102	120.5	0.001435	223	252.5	0.003007
24.93306	244	0.4914504	5.84E-01	1.40E+02		48	0.41829079		91	0.79301		9	0.07843		4	3.48576E-05		37.5	0.000327		120.5	0.00105		252.5	0.0022
24.99972	248	0.3239114	4.08E-01	9.78E+01		48	0.29213859		91	0.553846		9	0.054776		4	2.43449E-05		37.5	0.000228		120.5	0.000733		252.5	0.001537
25.06639	252	0.1739722	2.49E-01	5.97E+01		48	0.17836831		91	0.338194		9	0.033448		4	1.48657E-05		37.5	0.000139		120.5	0.000448		252.5	0.000938
25.13305	256	7.64E-02	1.25E-01	3.00E+01		48	0.08969925		91	0.170055		9	0.016819	5	5	7.47494E-06	35	35	7.01E-05	139	139	0.000225	282	282	0.000472
25.19972	260	2.27E-02	4.95E-02	1.19E+01		48	0.03548669		91	0.067277		9	0.006654		5	3.69653E-06		35	2.59E-05		139	0.000103		282	0.000208
	264		1.13E-02	2.72E+00		48	0.00812049		91	0.015395		9	0.001523		5	8.45884E-07		35	5.92E-06		139	2.35E-05		282	4.77E-05
	268		0.00E+00	0.00E+00		48	0		91	0		9	0		5	0		35	0		139	0		282	0
	272		0.00E+00	0.00E+00		48	0		91	0		9	0	5	5	0	35	35	0	139	139	0	282	282	0
	276		0.00E+00	0.00E+00		48	0		91	0		9	0		5	0		35	0		139	0		282	0
	280		0.00E+00	0.00E+00		48	0		91	0		9	0		5	0		35	0		139	0		282	0
	284		0.00E+00	0.00E+00		48	0		91	0		9	0	5	4	0	35	33.5	0	139	96	0	282	215	0
	288		0.00E+00	0.00E+00		48	0		91	0		9	0		4	0		33.5	0		96	0		215	0
	292		0.00E+00	0.00E+00		48	0		91	0		9	0		4	0		33.5	0		96	0		215	0
	296		0.00E+00	0.00E+00		48	0		91	0		9	0		4	0		33.5	0		96	0		215	0
	300		0.00E+00	0.00E+00	53	26.5	0	61	30.5	0	10	5	0	3	1.5	0	32	16	0	53	26.5	0	148	74	0

LACASTER SEWER SYSTEM
SWMM COMPUTER MODEL

STORM SIMULATION 4

Conduit CSO 1004

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.59E+05	7.67	697.742823	1764.297732	141.581231	0.080283	0.694045	1.509888	4.101468

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
17.41667	0	2.04E-03			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
17.5	5	0.1482678	7.52E-02	2.25E+01		80	0.11219373		761.5	1.067944		36.5	0.051188		7.5	1.05182E-05		172.5	0.000242		283.5	0.000398		639	0.000896
17.58333	10	0.5678774	3.58E-01	1.07E+02		80	0.5345624		761.5	5.088366		36.5	0.243894		7.5	5.01152E-05		172.5	0.001153		283.5	0.001894		639	0.00427
17.66667	15	1.34606	9.57E-01	2.87E+02	69	58	1.42864739	451	358.5	13.59894	24	17.5	0.65182	4	5.5	0.000133936	130	107	0.003081	198	147.5	0.005063	446	410.5	0.011411
17.75	20	2.247304	1.80E+00	5.39E+02		58	1.94462804		358.5	12.01981		17.5	0.586741		5.5	0.000184404		107	0.003588		147.5	0.004945		410.5	0.013763
17.83333	25	3.222221	2.73E+00	8.20E+02		58	2.95995367		358.5	18.29558		17.5	0.89309		5.5	0.000280685		107	0.005461		147.5	0.007527		410.5	0.020949
17.91667	30	4.273168	3.75E+00	1.12E+03	47	42	4.05629478	266	238.5	25.0721	11	9.5	1.223882	7	5.5	0.000384649	84	69.5	0.007483	97	90.5	0.010316	375	307	0.028709
18	35	5.260208	4.77E+00	1.43E+03		42	3.73596974		238.5	21.21497		9.5	0.845041		5.5	0.000489234		69.5	0.006182		90.5	0.00805		307	0.027308
18.08333	40	6.07345	5.67E+00	1.70E+03		42	4.44146998		238.5	25.2212		9.5	1.004618		5.5	0.000581621		69.5	0.00735		90.5	0.00957		307	0.032465
18.16667	45	6.682645	6.38E+00	1.91E+03	37	32	4.99889912	211	192.5	28.38661	8	7	1.130703	4	3.5	0.000654618	55	57	0.008272	84	101.5	0.010771	239	258.5	0.03654
18.25	50	7.153292	6.92E+00	2.08E+03		32	4.13110175		192.5	24.85116		7	0.903679		3.5	0.000451839		57	0.007359		101.5	0.013103		258.5	0.033372
18.33333	55	7.55382	7.35E+00	2.21E+03		32	4.39121515		192.5	26.4159		7	0.960578		3.5	0.000480289		57	0.007822		101.5	0.013928		258.5	0.035473
18.41667	60	7.906796	7.73E+00	2.32E+03	27	32	4.61619461	174	166.5	27.7693	6	7	1.009793	3	2	0.000504896	59	70.5	0.008223	119	102	0.014642	278	310	0.03729
18.5	65	8.232895	8.07E+00	2.42E+03		32	4.81895124		166.5	25.07361		7	1.054146		2	0.000301184		70.5	0.010617		102	0.01536		310	0.046684
18.58333	70	8.558202	8.40E+00	2.52E+03		32	5.01344652		166.5	26.08559		7	1.096691		2	0.00031334		70.5	0.011045		102	0.01598		310	0.048568
18.66667	75	9.636597	9.10E+00	2.73E+03	37	37.5	5.43256058	159	138	28.26629	8	7	1.188373	1	3.5	0.000339535	82	65.5	0.011969	85	81.5	0.017316	342	325.5	0.052628
18.75	80	10.1028	9.87E+00	2.96E+03		37.5	6.90673013		138	25.41677		7	1.289256		3.5	0.000644628		65.5	0.012064		81.5	0.015011		325.5	0.05985
18.83333	85	10.13564	1.01E+01	3.04E+03		37.5	7.08134313		138	26.05934		7	1.321851		3.5	0.000660925		65.5	0.012369		81.5	0.01539		325.5	0.061466
18.91667	90	10.70847	1.04E+01	3.13E+03	38	29	7.29326446	117	110.5	26.83921	6	5.5	1.361409	6	8	0.000680705	49	36	0.012739	78	66	0.015851	309	264	0.063306
19	95	10.89742	1.08E+01	3.24E+03		29	5.84625152		110.5	22.27623		5.5	1.108772		8	0.001612759		36	0.007257		66	0.013305		264	0.053221
19.08333	100	11.26586	1.11E+01	3.32E+03		29	5.99707346		110.5	22.85092		5.5	1.137376		8	0.001654365		36	0.007445		66	0.013649		264	0.054594
19.16667	105	11.66086	1.15E+01	3.44E+03	20	28	6.20364964	104	111	23.63804	5	6	1.176554	10	7.5	0.001711352	23	37	0.007701	54	50	0.014119	219	258	0.056475
19.25	110	11.94331	1.18E+01	3.54E+03		28	6.1667182		111	24.44663		6	1.32144		7.5	0.0016518		37	0.008149		50	0.011012		258	0.056822
19.33333	115	12.14661	1.20E+01	3.61E+03		28	6.29362303		111	24.94972		6	1.348634		7.5	0.001685792		37	0.008317		50	0.011239		258	0.057991
19.41667	120	12.33492	1.22E+01	3.67E+03	36	35	6.39593328	118	142.5	25.35531	7	8	1.370557	5	5	0.001713196	51	53	0.008452	46	51.5	0.011421	297	258	0.058934
19.5	125	12.19468	1.23E+01	3.68E+03		35	8.01061479		142.5	32.61465		8	1.830998		5	0.001144374		53	0.01213		51.5	0.011787		258	0.05905
19.58333	130	11.81029	1.20E+01	3.60E+03		35	7.83928673		142.5	31.9171		8	1.791837		5	0.001119898		53	0.011871		51.5	0.011535		258	0.057787
19.66667	135	11.88844	1.18E+01	3.55E+03	34	29.5	7.73927814	167	126.5	31.50992	9	8	1.768978	5	4	0.001105611	55	56.5	0.011719	57	60.5	0.011388	219	235.5	0.05705
19.75	140	12.16904	1.20E+01	3.61E+03		29.5	6.62185226		126.5	28.3954		8	1.795757		4	0.000897878		56.5	0.012683		60.5	0.01358		235.5	0.052863
19.83333	145	12.55294	1.24E+01	3.71E+03		29.5	6.80475674		126.5	29.17972		8	1.845358		4	0.000922679		56.5	0.013033		60.5	0.013956		235.5	0.054323
19.91667	150	13.88192	1.32E+01	3.97E+03	25	27.5	7.27622916	86	107.5	31.20146	7	8	1.973215	3	3	0.000986607	58	59.5	0.013936	64	64.5	0.014922	252	277	0.058087
20	155	13.70547	1.38E+01	4.14E+03		27.5	7.07865337		107.5	27.6711		8	2.059245		3	0.000772217		59.5	0.015316		64.5	0.016603		277	0.071301
20.08333	160	13.79625	1.38E+01	4.13E+03		27.5	7.05667129		107.5	27.58517		8	2.05285		3	0.000769819		59.5	0.015268		64.5	0.016551		277	0.07108
20.16667	165	13.91239	1.39E+01	4.16E+03	30	40.5	7.10976493	129	118	27.79272	9	9.5	2.068295	3	4	0.000775611	61	54	0.015383	65	64	0.016676	302	269	0.071615
20.25	170	14.03548	1.40E+01	4.19E+03		40.5	10.5611467		118	30.77075		9.5	2.477306		4	0.001043076		54	0.014082		64	0.016689		269	0.070147
20.33333	175	14.15837	1.41E+01	4.23E+03		40.5	10.6540994		118	31.04157		9.5	2.49911		4	0.001052257		54	0.014205		64	0.016836		269	0.070764
20.41667	180	14.28935	1.42E+01	4.27E+03	51	47	10.7500337	107	114	31.32109	10	9	2.521613	5	7	0.001061732	47	48	0.014333	63	102.5	0.016988	236	271	0.071401
20.5	185	14.42246	1.44E+01	4.31E+03		47	12.5911607		114	30.54026		9	2.411073		7	0.001875279		48	0.012859		102.5	0.027459		271	0.0726
20.58333	190	14.56534	1.45E+01	4.35E+03		47	12.7121922		114	30.83383		9	2.43425		7	0.001893305		48	0.012983		102.5	0.027723		271	0.073298
20.66667	195	14.70738	1.46E+01	4.39E+03		47	12.8371399		114	31.13689		9	2.458176	9	7	0.001911914	49	42	0.01311	142	140.5	0.027996	306	294	0.074018
20.75	200	14.85151	1.48E+01	4.43E+03		47	12.9626357		114	31.44129		9	2.482207		7	0.001930605		42	0.011584		140.5	0.03875		294	0.081085
20.83333	205	15.0013	1.49E+01	4.48E+03		47	13.0915302		114	31.75392		9	2.506889		7	0.001949802		42	0.011699		140.5	0.039135		294	0.081892
20.91667	210	15.15377	1.51E+01	4.52E+03		47	13.2240821		114	32.07543		9	2.532271		7	0.001969544		42	0.011817		140.5	0.039532		294	0.082721
21	215	15.30781	1.52E+01	4.57E+03		47	13.3584977		114	32.40146		9	2.55801		7	0.001989563		42	0.011937		140.5	0.039933		294	0.083562
21.08333	220	15.39241	1.54E+01	4.61E+03		47	13.46315		114	32.6553		9	2.57805		7	0.00200515		42	0.012031		140.5	0.040246		294	0.084216
21.16667	225	15.35713	1.54E+01	4.61E+03		47	13.4847786		114	32.70776		9	2.582192	5	4	0.002008371	35	37.5	0.01205	139	120.5	0.040311	282	252.5	0.084352
21.25	230	15.19223	1.53E+01	4.58E+03		47	13.3969924		114	32.49483		9	2.565382		4	0.00114017		37.5	0.010689		120.5	0.034348		252.5	0.071973
21.33333	235	14.94844	1.51E+01	4.52E+03		47	13.2177672		114	32.06012		9	2.531062		4	0.001124916		37.5	0.010546		120.5	0.033868		252.5	0.07101
21.41667	240	14.7694	1.49E+01	4.46E+03	43	48	13.032341	121	91	31.61036	8	9	2.495555	3	4	0.001109135	40	37.5	0.010398	102	120.5	0.033413	223	252.5	0.070014
21.5	245	14.573	1.47E+01	4.40E+03		48	13.1414779		91	24.91405		9	2.464027		4	0.001095123		37.5	0.010267		120.5	0.032991		252.5	0.06913
21.58333	250	14.3694	1.45E+01	4.34E+03		48	12.9623313		91	24.57442		9	2.430437		4	0.001080194		37.5	0.010127		120.5	0.032541		252.5	0.068187
21.66667	255	14.18566	1.43E+01	4.28E+03		48	12.7888547		91	24.24554		9	2.39791	5	5	0.001065738	35	35	0.009991	139	139	0.032105	282	282	0.067275
21.75	260	14.0006	1.41E+01	4.23E+03		48	12.6236815		91	23.9324		9	2.36694		5	0.001314967		35	0.009205		139	0.036556		282	0.074164
21.83333	265	13.82164	1.39E+01	4.17E+03		48	12.4606491		91	23.62331		9	2.336372		5	0.001297984		35	0.009086		139	0.036084		282	0.073206
21.91667	270	13.65459	1.37E+01	4.12E+03		48	12.3056829		91	23.32952		9	2.307316	5	5	0.001281842	35	35	0.008973	139	139	0.035635	282	282	0.072296

Conduit CSO 1004

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.59E+05	7.67	697.742823	1764.297732	141.581231	0.080283	0.694045	1.509888	4.101468

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
22	275	13.49686	1.36E+01	4.07E+03		48	12.1602248		91	23.05376		9	2.280042		5	0.00126669		35	0.008867		139	0.035214		282	0.071441
22.08333	280	13.27907	1.34E+01	4.02E+03		48	11.9920419		91	22.73491		9	2.248508		5	0.001249171		35	0.008744		139	0.034727		282	0.070453
22.16667	285	12.93936	1.31E+01	3.93E+03		48	11.7423564		91	22.26155		9	2.201692	5	4	0.001223162	35	33.5	0.008562	139	98	0.034004	282	215	0.068988
22.25	290	12.81568	1.29E+01	3.86E+03		48	11.5348195		91	21.8681		9	2.162779		4	0.000961235		33.5	0.00805		98	0.02307		215	0.051666
22.33333	295	12.71472	1.28E+01	3.83E+03		48	11.4342108		91	21.67736		9	2.143915		4	0.000952851		33.5	0.00798		98	0.022868		215	0.051216
22.41667	300	12.66234	1.27E+01	3.81E+03	53	53	11.3655349	61	61	21.54716	10	10	2.131038	3	4	0.000947128	32	29.5	0.007932	53	65	0.022731	148	171	0.050908
22.5	305	12.6222	1.26E+01	3.79E+03		53	12.5036919		61	14.39104		10	2.359187		4	0.000943675		29.5	0.00696		65	0.015335		171	0.040342
22.58333	310	12.49263	1.26E+01	3.77E+03		53	12.419767		61	14.29445		10	2.343352		4	0.000937341		29.5	0.006913		65	0.015232		171	0.040071
22.66667	315	11.46466	1.20E+01	3.59E+03		53	11.8473412		61	13.63562		10	2.235347	5	5	0.000894139	27	27	0.006594	77	77	0.01453	194	194	0.038224
22.75	320	11.2564	1.14E+01	3.41E+03		53	11.2360017		61	12.932		10	2.12		5	0.00106		27	0.005724		77	0.016324		194	0.041128
22.83333	325	10.91695	1.11E+01	3.33E+03		53	10.9651485		61	12.62027		10	2.068896		5	0.001034448		27	0.005586		77	0.01593		194	0.040137
22.91667	330	10.70543	1.08E+01	3.24E+03		53	10.6926833		61	12.30667		10	2.017487		5	0.001008744		27	0.005447		77	0.015535		194	0.039139
23	335	10.29491	1.05E+01	3.15E+03		53	10.3850725		61	11.95263		10	1.959448		5	0.000979724		27	0.005291		77	0.015088		194	0.038013
23.08333	340	9.801624	1.00E+01	3.01E+03		53	9.93812304		61	11.43822		10	1.875118		5	0.000937559		27	0.005063		77	0.014438		194	0.036377
23.16667	345	9.33246	9.57E+00	2.87E+03		53	9.46217298		61	10.89043		10	1.785316	5	5	0.000892658	27	27	0.00482	77	77	0.013747	194	194	0.034635
23.25	350	8.827168	9.08E+00	2.72E+03		53	8.98028573		61	10.3358		10	1.694394		5	0.000847197		27	0.004575		77	0.013047		194	0.032871
23.33333	355	8.310607	8.57E+00	2.57E+03		53	8.47495974		61	9.754199		10	1.599049		5	0.000799525		27	0.004317		77	0.012313		194	0.031022
23.41667	360	7.795956	8.05E+00	2.42E+03		53	7.96500555		61	9.167271		10	1.502831		5	0.000751416		27	0.004058		77	0.011572		194	0.029155
23.5	365	7.299263	7.55E+00	2.26E+03		53	7.46487647		61	8.59165		10	1.408467		5	0.000704234		27	0.003803		77	0.010845		194	0.027324
23.58333	370	6.723511	7.01E+00	2.10E+03		53	6.93453177		61	7.981254		10	1.308402		5	0.000654201		27	0.003533		77	0.010075		194	0.025383
23.66667	375	6.184235	6.45E+00	1.94E+03		53	6.38312895		61	7.34662		10	1.204364		5	0.000602182		27	0.003252		77	0.009274		194	0.023385
23.75	380	5.626205	5.91E+00	1.77E+03		53	5.84049		61	6.722073		10	1.101979		5	0.00055099		27	0.002975		77	0.008485		194	0.021378
23.83333	385	5.071067	5.35E+00	1.60E+03		53	5.29000699		61	6.088499		10	0.998115		5	0.000499057		27	0.002695		77	0.007685		194	0.019363
23.91667	390	4.47977	4.78E+00	1.43E+03		53	4.72307281		61	5.435989		10	0.891146		5	0.000445573		27	0.002406		77	0.006882		194	0.017288
24	395	3.936824	4.21E+00	1.26E+03		53	4.1621678		61	4.79042		10	0.785315		5	0.000392657		27	0.00212		77	0.006047		194	0.015235
24.08333	400	3.398212	3.67E+00	1.10E+03		53	3.62731655		61	4.174836		10	0.684399		5	0.0003422		27	0.001848		77	0.00527		194	0.013277
24.16667	405	3.042334	3.22E+00	9.66E+02		53	3.18497402		61	3.665725		10	0.600938		5	0.000300469		27	0.001623		77	0.004627		194	0.011658
24.25	410	2.577001	2.81E+00	8.43E+02		53	2.77886936		61	3.198321		10	0.524315		5	0.000262157		27	0.001416		77	0.004037		194	0.010172
24.33333	415	2.170921	2.37E+00	7.12E+02		53	2.34793885		61	2.702345		10	0.443007		5	0.000221504		27	0.001196		77	0.003411		194	0.008594
24.41667	420	1.853044	2.01E+00	6.04E+02		53	1.98992818		61	2.290295		10	0.375458		5	0.000187729		27	0.001014		77	0.002891		194	0.007284
24.5	425	1.495923	1.67E+00	5.02E+02		53	1.65612867		61	1.90611		10	0.312477		5	0.000156239		27	0.000844		77	0.002406		194	0.006062
24.58333	430	1.203074	1.35E+00	4.05E+02		53	1.33470599		61	1.536171		10	0.251831		5	0.000125916		27	0.00068		77	0.001939		194	0.004886
24.66667	435	0.9165638	1.06E+00	3.18E+02		53	1.04820171		61	1.206421		10	0.197774		5	9.8887E-05		27	0.000534		77	0.001523		194	0.003837
24.75	440	0.6457312	7.81E-01	2.34E+02		53	0.77258496		61	0.889202		10	0.145771		5	7.28854E-05		27	0.000394		77	0.001122		194	0.002828
24.83333	445	0.4340523	5.40E-01	1.62E+02		53	0.53397373		61	0.614574		10	0.10075		5	5.03749E-05		27	0.000272		77	0.000776		194	0.001955
24.91667	450	0.2570015	3.46E-01	1.04E+02		53	0.34173941		61	0.393323		10	0.064479		5	3.22396E-05		27	0.000174		77	0.000496		194	0.001251
25	455	0.1074294	1.82E-01	5.47E+01		53	0.1802181		61	0.207421		10	0.034003		5	1.70017E-05		27	9.18E-05		77	0.000262		194	0.00066
25.08333	460	3.63E-02	7.19E-02	2.16E+01		53	0.0710998		61	0.081832		10	0.013415		5	6.70753E-06		27	3.62E-05		77	0.000103		194	0.00026
25.16667	465	1.46E-03	1.89E-02	5.67E+00		53	0.01869673		61	0.021519		10	0.003528		5	1.76384E-06		27	9.52E-06		77	2.72E-05		194	6.84E-05
	470		7.31E-04	2.19E-01		53	0.00072284		61	0.000832		10	0.000136		5	6.81928E-08		27	3.68E-07		77	1.05E-06		194	2.65E-06
	475		0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0

Conduit CSO 1005

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.74E+05	28.58	840.41	1,309.23	162.18	0.09	0.55	1.42	3.67

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
15.41667	0	2.71E-04			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
15.5	5	1.02E-02	5.25E-03	1.58E+00		80	0.00784257		761.5	0.074651		36.5	0.003578		7.5	7.35241E-07		172.5	1.6911E-05		283.5	2.77921E-05		639	6.2643E-05
15.58333	10	4.42E-02	2.72E-02	8.17E+00		80	0.04066181		761.5	0.38705		36.5	0.018552		7.5	3.81204E-06		172.5	8.7677E-05		283.5	0.000144095		639	0.00032479
15.66667	15	9.66E-02	7.04E-02	2.11E+01	69	58	0.10514721	451	358.5	1.00087	24	17.5	0.047973	4	5.5	9.85755E-06	130	107	0.00022672	198	147.5	0.000372615	446	410.5	0.00083986
15.75	20	0.161916	1.29E-01	3.88E+01		58	0.1399157		358.5	0.864824		17.5	0.042216		5.5	1.32679E-05		107	0.00025812		147.5	0.00035582		410.5	0.00099027
15.83333	25	0.234578	1.98E-01	5.95E+01		58	0.21457146		358.5	1.326274		17.5	0.064741		5.5	2.03473E-05		107	0.00039585		147.5	0.000545677		410.5	0.00151865
15.91667	30	0.3292124	2.82E-01	8.46E+01	47	42	0.30510759	266	238.5	1.885881	11	9.5	0.092058	7	5.5	2.89328E-05	84	69.5	0.00056287	97	90.5	0.00077592	375	307	0.00215943
16	35	0.438544	3.84E-01	1.15E+02		42	0.30087082		238.5	1.708516		9.5	0.068054		5.5	3.93998E-05		69.5	0.00049787		90.5	0.000648305		307	0.00219922
16.08333	40	0.5668607	5.03E-01	1.51E+02		42	0.3940012		238.5	2.237364		9.5	0.089119		5.5	5.15954E-05		69.5	0.00065198		90.5	0.000848979		307	0.00287996
16.16667	45	0.7173876	6.42E-01	1.93E+02	37	32	0.50327531	211	192.5	2.857885	8	7	0.113836	4	3.5	6.59051E-05	55	57	0.0008328	84	101.5	0.001084438	239	258.5	0.0036787
16.25	50	0.8921605	8.05E-01	2.41E+02		32	0.48057511		192.5	2.89096		7	0.105126		3.5	5.25629E-05		57	0.00085602		101.5	0.001524324		258.5	0.00388215
16.33333	55	1.088729	9.90E-01	2.97E+02		32	0.59144936		192.5	3.557938		7	0.12938		3.5	6.46898E-05		57	0.00105352		101.5	0.001876003		258.5	0.0047778
16.41667	60	1.311554	1.20E+00	3.60E+02	27	32	0.71667089	174	166.5	4.311223	6	7	0.156772	3	2	7.83859E-05	59	70.5	0.00127657	119	102	0.00227319	278	310	0.00578936
16.5	65	1.547214	1.43E+00	4.29E+02		32	0.85356427		166.5	4.441202		7	0.186717		2	5.33478E-05		70.5	0.00188051		102	0.002720736		310	0.0082689
16.58333	70	1.765806	1.66E+00	4.97E+02		32	0.98919377		166.5	5.146899		7	0.216386		2	6.18246E-05		70.5	0.00217932		102	0.003153055		310	0.00958281
16.66667	75	2.073288	1.92E+00	5.76E+02	37	37.5	1.14626772	159	138	5.964174	8	7	0.250746	1	3.5	7.18417E-05	82	65.5	0.00252537	85	81.5	0.003653728	342	325.5	0.01110447
16.75	80	2.462467	2.27E+00	6.80E+02		37.5	1.58704817		138	5.840337		7	0.296249		3.5	0.000148124		65.5	0.00277204		81.5	0.003449185		325.5	0.01377558
16.83333	85	2.886079	2.67E+00	8.02E+02		37.5	1.87144024		138	6.8869		7	0.349336		3.5	0.000174668		65.5	0.00326878		81.5	0.004067263		325.5	0.0162441
16.91667	90	3.319933	3.10E+00	9.31E+02	38	29	2.17145691	117	110.5	7.990961	6	5.5	0.405339	6	8	0.000202669	49	36	0.00379281	78	66	0.0047193	309	264	0.01884825
17	95	3.762073	3.54E+00	1.06E+03		29	1.91629173		110.5	7.301732		5.5	0.363435		8	0.000528632		36	0.00237884		66	0.004361216		264	0.01744486
17.08333	100	4.222136	3.99E+00	1.20E+03		29	2.16041524		110.5	8.231927		5.5	0.409734		8	0.000595977		36	0.00268189		66	0.004916807		264	0.01966723
17.16667	105	4.681136	4.45E+00	1.34E+03	20	28	2.40910083	104	111	9.179505	5	6	0.456898	10	7.5	0.00066458	23	37	0.00299061	54	50	0.005482781	219	258	0.02193112
17.25	110	4.780315	4.73E+00	1.42E+03		28	2.4718557		111	9.799142		6	0.529683		7.5	0.000682104		37	0.00326838		50	0.004414028		258	0.02277638
17.33333	115	5.310246	5.05E+00	1.51E+03		28	2.63621412		111	10.45071		6	0.584903		7.5	0.000706129		37	0.00348357		50	0.004707525		258	0.02429083
17.41667	120	5.796251	5.55E+00	1.67E+03	36	35	2.90163294	118	142.5	11.5029	7	8	0.621778	5	5	0.000777223	51	53	0.0038343	46	51.5	0.005181487	297	258	0.02673647
17.5	125	6.042456	5.92E+00	1.78E+03		35	3.86615849		142.5	15.74079		8	0.883693		5	0.000552308		53	0.00585447		51.5	0.005688776		258	0.02849911
17.58333	130	6.120222	6.08E+00	1.82E+03		35	3.97195748		142.5	16.17154		8	0.907876		5	0.000567422		53	0.00601468		51.5	0.005844452		258	0.029279
17.66667	135	6.200187	6.16E+00	1.85E+03	34	29.5	4.02346759	167	126.5	16.38126	9	8	0.91965	5	4	0.000574781	55	56.5	0.00609268	57	60.5	0.005920245	219	235.5	0.0296587
17.75	140	6.268766	6.23E+00	1.87E+03		29.5	3.43209532		126.5	14.71729		8	0.930738		4	0.000465369		56.5	0.00657334		60.5	0.007038704		235.5	0.02739859
17.83333	145	6.327658	6.30E+00	1.89E+03		29.5	3.46718188		126.5	14.86775		8	0.940253		4	0.000470126		56.5	0.00664053		60.5	0.007110661		235.5	0.02767869
17.91667	150	6.386383	6.36E+00	1.91E+03	25	27.5	3.49955611	86	107.5	15.00657	7	8	0.949032	3	3	0.000474516	58	59.5	0.00670254	64	64.5	0.007177056	252	277	0.02793713
18	155	6.399973	6.39E+00	1.92E+03		27.5	3.28085339		107.5	12.82515		8	0.95443		3	0.000357911		59.5	0.00709857		64.5	0.007695092		277	0.03304714
18.08333	160	6.39998	6.40E+00	1.92E+03		27.5	3.28434224		107.5	12.83879		8	0.955445		3	0.000358292		59.5	0.00710612		64.5	0.007703275		277	0.03308228
18.16667	165	6.400022	6.40E+00	1.92E+03	30	40.5	3.28435482	129	118	12.83884	9	9.5	0.955449	3	4	0.000358293	61	54	0.00710615	65	64	0.007703305	302	289	0.03308241
18.25	170	6.399962	6.40E+00	1.92E+03		40.5	4.83695211		118	14.09285		9.5	1.134594		4	0.000477724		54	0.00644927		64	0.007643579		289	0.03212692
18.33333	175	6.399981	6.40E+00	1.92E+03		40.5	4.83693662		118	14.0928		9.5	1.13459		4	0.000477722		54	0.00644925		64	0.007643554		289	0.03212681
18.41667	180	6.400017	6.40E+00	1.92E+03	51	47	4.8369574	107	114	14.09286	10	9	1.134595	5	7	0.000477724	47	48	0.00644928	63	102.5	0.007643587	236	271	0.03212695
18.5	185	6.399956	6.40E+00	1.92E+03		47	5.61324824		114	13.61511		9	1.074877		7	0.000836016		48	0.00573268		102.5	0.012241658		271	0.03236575
18.58333	190	6.399975	6.40E+00	1.92E+03		47	5.61322982		114	13.61507		9	1.074874		7	0.000836013		48	0.00573266		102.5	0.012241618		271	0.03236564
18.66667	195	6.400009	6.40E+00	1.92E+03		47	5.61325307		114	13.61512		9	1.074878	9	7	0.000836016	49	42	0.00573268	142	140.5	0.012241669	306	294	0.03236578
18.75	200	6.400024	6.40E+00	1.92E+03		47	5.61327455		114	13.61518		9	1.074882		7	0.00083602		42	0.00501612		140.5	0.016780108		294	0.03511282
18.83333	205	6.400039	6.40E+00	1.92E+03		47	5.61328771		114	13.61521		9	1.074885		7	0.000836022		42	0.00501613		140.5	0.016780147		294	0.03511291
18.91667	210	6.400006	6.40E+00	1.92E+03		47	5.61327982		114	13.61519		9	1.074883		7	0.00083602		42	0.00501612		140.5	0.016780124		294	0.03511286
19	215	6.400019	6.40E+00	1.92E+03		47	5.61327105		114	13.61517		9	1.074882		7	0.000836019		42	0.00501611		140.5	0.016780097		294	0.0351128
19.08333	220	6.400032	6.40E+00	1.92E+03		47	5.61326245		114	13.6152		9	1.074884		7	0.000836021		42	0.00501612		140.5	0.016780132		294	0.03511287
19.16667	225	6.399978	6.40E+00	1.92E+03		47	5.61326447		114	13.61515		9	1.07488	5	4	0.000836018	35	37.5	0.00501611	139	120.5	0.016780078	282	252.5	0.03511276
19.25	230	6.399987	6.40E+00	1.92E+03		47	5.61324473		114	13.6151		9	1.074877		4	0.000477723		37.5	0.00447865		120.5	0.014391404		252.5	0.03015626
19.33333	235	6.400029	6.40E+00	1.92E+03		47	5.6132671		114	13.61516		9	1.074881		4	0.000477725		37.5	0.00447867		120.5	0.014391461		252.5	0.03015638
19.41667	240	6.399973	6.40E+00	1.92E+03	43	48	5.61326096	121	91	13.61514	8	9	1.07488	3	4	0.000477724	40	37.5	0.00447867	102	120.5	0.014391446	223	252.5	0.03015635
19.5	245	6.39998	6.40E+00	1.92E+03		48	5.7326701		91	10.86819		9	1.074876		4	0.000477723		37.5	0.00447865		120.5	0.014391391		252.5	0.03015623
19.58333	250	6.400022	6.40E+00	1.92E+03		48	5.73269204		91	10.86823		9	1.07488		4	0.000477724		37.5	0.00447867		120.5	0.014391446		252.5	0.03015635
19.66667	255	6.399962	6.40E+00	1.92E+03		48	5.73268398		91	10.86821		9	1.074878	5	5	0.000477724	35	35	0.00447866	139	139	0.014391425	282	282	0.03015631
19.75	260	6.399981	6.40E+00	1.92E+03		48	5.73266562		91	10.86818		9	1.074875		5	0.000597153		35	0.00418007		139	0.016600844		282	0.03367941
19.83333	265	6.400017	6.40E+00	1.92E+03		48	5.73269025		91	10.86823		9	1.074879		5	0.000597155		35	0.00418009		139	0.016600916		282	0.03367956
19.91667	270	6.399956	6.40E+00	1.92E+03		48	5.73267906		91	10.8682		9	1.074877	5	5	0.000597154	35	35	0.00418008	139	139	0.016600883	282	282	0.03367949
20	275	6.399975	6.40E+00	1.92E+03		48	5.73266025		91	10.86817		9	1.074874		5	0.000597152		35	0.00418006		139	0.016600829		282	0.03367938
20.08333	280	6.400009	6.40E+00	1.92E+03		48	5.73268398		91	10.86821		9	1.074878		5	0.000597155		35	0.00418008		139	0.016600897		282	0.03367952
20.16667	285	6.400024	6.40E+00	1.92E+03		48	5.73270593		91	10.86825		9	1.074882	5	4	0.000597157	35	33.5	0.0041801	139	96	0.016600961	282	215	0.03367965
20.25	290	6.400039	6.40E+00	1.92E+03		48	5.73271936		91	10.86828		9	1.074885		4	0.000477727		33.5	0.00400096		96	0.011465439		215	0.02567781
20.33333	295	6.400006	6.40E+00	1.92E+03		48	5.7327113		91	10.86827		9	1.074883		4	0.000477726		33.5	0.00400095		96	0.011465423		215	0.02567777
20.41667	300	6.400019	6.40E+00	1.92E+03	53	53	5.73270235	61	61	10.86825	10	10	1.074882	3	4	0.000477725	32	29.5	0.00400095	53	65	0.011465405	148	171	0.02567773
20.5	305	6.400032	6.40E+00	1.92E+03		53	6.3298717		61	7.285324		10	1.194315		4	0.000477726		29.5	0.00352323		65	0.00776305		171	0.02042279
20.58333	310	6.399978	6.40E+00	1.92E+03		53	6.32985142		61	7.285301		10	1.194312		4	0.000477725		29.5	0.00352322		65	0.007763025		171	0.02042273

Conduit CSO 1005

Summary Statistics

Total Discharge

Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.74E+05	28.58	840.41	1,309.23	162.18	0.09	0.55	1.42	3.67

Conduit CSO

Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
20.66667	315	6.399987	6.40E+00	1.92E+03		53	6.32982917		61	7.285275		10	1.194307		5	5 0.000477723		27	0.00352321		77	77 0.007762998		194	194 0.02042266
20.75	320	6.400029	6.40E+00	1.92E+03		53	6.32985439		61	7.285304		10	1.194312			5 0.000597156		27	0.00322464		77	77 0.009196204		194	194 0.02316966
20.83333	325	6.399973	6.40E+00	1.92E+03		53	6.32984747		61	7.285296		10	1.194311			5 0.000597155		27	0.00322464		77	77 0.009196193		194	194 0.02316963
20.91667	330	6.39998	6.40E+00	1.92E+03		53	6.32982323		61	7.285268		10	1.194306			5 0.000597153		27	0.00322463		77	77 0.009196158		194	194 0.02316954
21	335	6.400022	6.40E+00	1.92E+03		53	6.32984747		61	7.285296		10	1.194311			5 0.000597155		27	0.00322464		77	77 0.009196193		194	194 0.02316963
21.08333	340	6.399962	6.40E+00	1.92E+03		53	6.32983856		61	7.285286		10	1.194309			5 0.000597155		27	0.00322463		77	77 0.009196181		194	194 0.0231696
21.16667	345	6.399981	6.40E+00	1.92E+03		53	6.32981829		61	7.285263		10	1.194305		5	5 0.000597153		27	0.00322462		77	77 0.009196151		194	194 0.02316952
21.25	350	6.400017	6.40E+00	1.92E+03		53	6.32984549		61	7.285294		10	1.19431			5 0.000597155		27	0.00322464		77	77 0.009196191		194	194 0.02316962
21.33333	355	6.399956	6.40E+00	1.92E+03		53	6.32983312		61	7.28528		10	1.194308			5 0.000597154		27	0.00322463		77	77 0.009196173		194	194 0.02316958
21.41667	360	6.399975	6.40E+00	1.92E+03		53	6.32981235		61	7.285256		10	1.194304			5 0.000597152		27	0.00322462		77	77 0.009196142		194	194 0.0231695
21.5	365	6.400009	6.40E+00	1.92E+03		53	6.32983856		61	7.285286		10	1.194309			5 0.000597155		27	0.00322463		77	77 0.009196181		194	194 0.0231696
21.58333	370	6.400024	6.40E+00	1.92E+03		53	6.3298628		61	7.285314		10	1.194314			5 0.000597157		27	0.00322465		77	77 0.009196216		194	194 0.02316969
21.66667	375	6.400039	6.40E+00	1.92E+03		53	6.32987763		61	7.285331		10	1.194317			5 0.000597158		27	0.00322465		77	77 0.009196237		194	194 0.02316974
21.75	380	6.400006	6.40E+00	1.92E+03		53	6.32986873		61	7.285321		10	1.194315			5 0.000597157		27	0.00322465		77	77 0.009196224		194	194 0.02316971
21.83333	385	6.400019	6.40E+00	1.92E+03		53	6.32985884		61	7.285309		10	1.194313			5 0.000597156		27	0.00322465		77	77 0.00919621		194	194 0.02316967
21.91667	390	6.400032	6.40E+00	1.92E+03		53	6.3298717		61	7.285324		10	1.194315			5 0.000597158		27	0.00322465		77	77 0.009196229		194	194 0.02316972
22	395	6.399978	6.40E+00	1.92E+03		53	6.32985142		61	7.285301		10	1.194312			5 0.000597156		27	0.00322464		77	77 0.009196199		194	194 0.02316964
22.08333	400	6.399987	6.40E+00	1.92E+03		53	6.32982917		61	7.285275		10	1.194307			5 0.000597154		27	0.00322463		77	77 0.009196167		194	194 0.02316956
22.16667	405	6.400029	6.40E+00	1.92E+03		53	6.32985439		61	7.285304		10	1.194312			5 0.000597156		27	0.00322464		77	77 0.009196204		194	194 0.02316966
22.25	410	6.399973	6.40E+00	1.92E+03		53	6.32984747		61	7.285296		10	1.194311			5 0.000597155		27	0.00322464		77	77 0.009196193		194	194 0.02316963
22.33333	415	6.39998	6.40E+00	1.92E+03		53	6.32982323		61	7.285268		10	1.194306			5 0.000597153		27	0.00322463		77	77 0.009196158		194	194 0.02316954
22.41667	420	6.400022	6.40E+00	1.92E+03		53	6.32984747		61	7.285296		10	1.194311			5 0.000597155		27	0.00322464		77	77 0.009196193		194	194 0.02316963
22.5	425	6.399962	6.40E+00	1.92E+03		53	6.32983856		61	7.285286		10	1.194309			5 0.000597155		27	0.00322463		77	77 0.009196181		194	194 0.0231696
22.58333	430	6.399981	6.40E+00	1.92E+03		53	6.32981829		61	7.285263		10	1.194305			5 0.000597153		27	0.00322462		77	77 0.009196151		194	194 0.02316952
22.66667	435	6.400017	6.40E+00	1.92E+03		53	6.32984549		61	7.285294		10	1.19431			5 0.000597155		27	0.00322464		77	77 0.009196191		194	194 0.02316962
22.75	440	6.399956	6.40E+00	1.92E+03		53	6.32983312		61	7.28528		10	1.194308			5 0.000597154		27	0.00322463		77	77 0.009196173		194	194 0.02316958
22.83333	445	6.399975	6.40E+00	1.92E+03		53	6.32981235		61	7.285256		10	1.194304			5 0.000597152		27	0.00322462		77	77 0.009196142		194	194 0.0231695
22.91667	450	6.400009	6.40E+00	1.92E+03		53	6.32983856		61	7.285286		10	1.194309			5 0.000597155		27	0.00322463		77	77 0.009196181		194	194 0.0231696
23	455	6.400024	6.40E+00	1.92E+03		53	6.3298628		61	7.285314		10	1.194314			5 0.000597157		27	0.00322465		77	77 0.009196216		194	194 0.02316969
23.08333	460	6.400039	6.40E+00	1.92E+03		53	6.32987763		61	7.285331		10	1.194317			5 0.000597158		27	0.00322465		77	77 0.009196237		194	194 0.02316974
23.16667	465	6.400006	6.40E+00	1.92E+03		53	6.32986873		61	7.285321		10	1.194315			5 0.000597157		27	0.00322465		77	77 0.009196224		194	194 0.02316971
23.25	470	6.400019	6.40E+00	1.92E+03		53	6.32985884		61	7.285309		10	1.194313			5 0.000597156		27	0.00322465		77	77 0.00919621		194	194 0.02316967
23.33333	475	6.400032	6.40E+00	1.92E+03		53	6.3298717		61	7.285324		10	1.194315			5 0.000597158		27	0.00322465		77	77 0.009196229		194	194 0.02316972
23.41667	480	6.399978	6.40E+00	1.92E+03		53	6.32985142		61	7.285301		10	1.194312			5 0.000597156		27	0.00322464		77	77 0.009196199		194	194 0.02316964
23.5	485	6.399987	6.40E+00	1.92E+03		53	6.32982917		61	7.285275		10	1.194307			5 0.000597154		27	0.00322463		77	77 0.009196167		194	194 0.02316956
23.58333	490	6.400029	6.40E+00	1.92E+03		53	6.32985439		61	7.285304		10	1.194312			5 0.000597156		27	0.00322464		77	77 0.009196204		194	194 0.02316966
23.66667	495	6.399973	6.40E+00	1.92E+03		53	6.32984747		61	7.285296		10	1.194311			5 0.000597155		27	0.00322464		77	77 0.009196193		194	194 0.02316963
23.75	500	6.39998	6.40E+00	1.92E+03		53	6.32982323		61	7.285268		10	1.194306			5 0.000597153		27	0.00322463		77	77 0.009196158		194	194 0.02316954
23.83333	505	6.400022	6.40E+00	1.92E+03		53	6.32984747		61	7.285296		10	1.194311			5 0.000597155		27	0.00322464		77	77 0.009196193		194	194 0.02316963
23.91667	510	6.399962	6.40E+00	1.92E+03		53	6.32983856		61	7.285286		10	1.194309			5 0.000597155		27	0.00322463		77	77 0.009196181		194	194 0.0231696
24	515	6.399981	6.40E+00	1.92E+03		53	6.32981829		61	7.285263		10	1.194305			5 0.000597153		27	0.00322462		77	77 0.009196151		194	194 0.02316952
24.08333	520	6.392501	6.40E+00	1.92E+03		53	6.32612868		61	7.281016		10	1.193609			5 0.000596805		27	0.00322274		77	77 0.009190791		194	194 0.02315602
24.16667	525	6.366491	6.38E+00	1.91E+03		53	6.30956723		61	7.261955		10	1.190484			5 0.000595242		27	0.00321431		77	77 0.00916673		194	194 0.0230954
24.25	530	6.340023	6.35E+00	1.91E+03		53	6.28361585		61	7.232086		10	1.185588			5 0.000592794		27	0.00320109		77	77 0.009129027		194	194 0.02300041
24.33333	535	6.31558	6.33E+00	1.90E+03		53	6.25843938		61	7.203109		10	1.180838			5 0.000590419		27	0.00318826		77	77 0.00909245		194	194 0.02290825
24.41667	540	6.286805	6.30E+00	1.89E+03		53	6.23212205		61	7.17282		10	1.175872			5 0.000587936		27	0.00317465		77	77 0.009054215		194	194 0.02281192
24.5	545	6.260598	6.27E+00	1.88E+03		53	6.2049324		61	7.141526		10	1.170742			5 0.000585371		27	0.003161		77	77 0.009014713		194	194 0.02271239
24.58333	550	6.233126	6.25E+00	1.87E+03		53	6.1783871		61	7.110974		10	1.165733			5 0.000582867		27	0.00314748		77	77 0.008976147		194	194 0.02261523
24.66667	555	6.202296	6.22E+00	1.87E+03		53	6.14955564		61	7.07779		10	1.160294			5 0.000580147		27	0.00313279		77	77 0.00893426		194	194 0.02250969
24.75	560	6.173222	6.19E+00	1.86E+03		53	6.11993195		61	7.043695		10	1.154704			5 0.000577352		27	0.0031177		77	77 0.008891222		194	194 0.02240126
24.83333	565	6.141695	6.16E+00	1.85E+03		53	6.08996359		61	7.009203		10	1.14905			5 0.000574525		27	0.00310243		77	77 0.008847683		194	194 0.02229156
24.91667	570	6.109599	6.13E+00	1.84E+03		53	6.05850079		61	6.972991		10	1.143113			5 0.000571557		27	0.00308641		77	77 0.008801973		194	194 0.0221764
25	575	6.077449	6.09E+00	1.83E+03		53	6.02672991		61	6.936425		10	1.137119			5 0.000568559		27	0.00307022		77	77 0.008755815		194	194 0.02206011
25.08333	580	6.043774	6.06E+00	1.82E+03		53	5.99417818		61	6.89896		10	1.130977			5 0.000565489		27	0.00305364		77	77 0.008708523		194	194 0.02194095
25.16667	585	6.00706	6.03E+00	1.81E+03		53	5.95936946		61	6.858897		10	1.124409			5 0.000562205		27	0.00303591		77	77 0.008657952		194	194 0.02181354
25.25	590	5.850076	5.93E+00	1.78E+03		53	5.86358207		61	6.748651		10	1.106336			5 0.000553168		27	0.00298711		77	77 0.008518789		194	194 0.02146292
25.33333	595	5.699056	5.77E+00	1.73E+03		53	5.71126816		61	6.573346		10	1.077598			5 0.000538799		27	0.00290951		77	77 0.008297503		194	194 0.0209054
25.41667	600	5.552366	5.63E+00	1.69E+03		53	5.56404484		61	6.403901		10	1.04982			5 0.00052491		27	0.00283451		77	77 0.008063612		194	194 0.0203665
25.5	605	5.410927	5.48E+00	1.64E+03		53	5.4215595		61	6.239908		10	1.022936			5 0.000511468		27	0.00276193		77	77 0.007876605		194	194 0.01984495
25.58333	610	5.261868	5.34E+00	1.60E+03		53	5.27790264		61	6.074567		10	0.995831			5 0.000497915		27	0.00268874		77	77 0.007667896		194	194 0.01931912
25.66667	615	5.127986	5.19E+00	1.56E+03		53	5.13798287		61	5.913527		10	0.969431			5 0.000484715		27	0.00261746		77	77 0.007464617		194	194 0.01880696
25.75	620	4.999852	5.06E+00	1.52E+03		53	5.00841091		61	5.764397		10	0.944083			5 0.000472492		27	0.00255145		77	77 0.007276371		194	194 0.01833267
25.83333	625	4.877776	4.94E+00	1.48E+03		53	4.88467725		61	5.621987		10	0.921637			5 0.000460819		27	0.00248842		77	77 0.007096607		194	194 0.01787976
25.91667	630	4.764637	4.82E+00	1.45E+03		53	4.7683589		61	5.488111		10	0.89969			5 0.000449845		27	0.00242916		77	77 0.006927616		194	194 0.01745399

Conduit CSO 1005

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.74E+05	28.58	840.41	1,309.23	162.18	0.09	0.55	1.42	3.67

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
26	635	4.651209	4.71E+00	1.41E+03		53	4.65631718		61	5.359157		10	0.87855		5	0.000439275		27	0.00237209		77	0.006764838		194	0.01704388
26.08333	640	4.545983	4.60E+00	1.38E+03		53	4.54818855		61	5.234708		10	0.858149		5	0.000429074		27	0.002317		77	0.006607746		194	0.01664809
26.16667	645	4.445857	4.50E+00	1.35E+03		53	4.44663803		61	5.117829		10	0.838988		5	0.000419494		27	0.00226527		77	0.00646021		194	0.01627637
26.25	650	4.342896	4.39E+00	1.32E+03		53	4.34620759		61	5.002239		10	0.820039		5	0.00041002		27	0.00221411		77	0.006314302		194	0.01590876
26.33333	655	4.238678	4.29E+00	1.29E+03		53	4.24375359		61	4.88432		10	0.800708		5	0.000400354		27	0.00216191		77	0.006165453		194	0.01553374
26.41667	660	4.132516	4.19E+00	1.26E+03		53	4.13971663		61	4.76458		10	0.781079		5	0.000390539		27	0.00210891		77	0.006014305		194	0.01515293
26.5	665	4.025291	4.08E+00	1.22E+03		53	4.03419285		61	4.643127		10	0.761168		5	0.000380584		27	0.00205515		77	0.005860997		194	0.01476667
26.58333	670	3.917603	3.97E+00	1.19E+03		53	3.92791403		61	4.520807		10	0.741116		5	0.000370558		27	0.00200101		77	0.005706592		194	0.01437785
26.66667	675	3.808944	3.86E+00	1.16E+03		53	3.82092627		61	4.39767		10	0.720929		5	0.000360465		27	0.00194651		77	0.005551157		194	0.01398603
26.75	680	3.707936	3.76E+00	1.13E+03		53	3.71724191		61	4.278335		10	0.701366		5	0.000350683		27	0.00189369		77	0.005400521		194	0.01360651
26.83333	685	3.608162	3.66E+00	1.10E+03		53	3.61795134		61	4.164057		10	0.682632		5	0.000341316		27	0.00184311		77	0.005256269		194	0.01324307
26.91667	690	3.512127	3.56E+00	1.07E+03		53	3.52112002		61	4.05261		10	0.664362		5	0.000332181		27	0.00179378		77	0.005115589		194	0.01288863
27	695	3.421978	3.47E+00	1.04E+03		53	3.42904845		61	3.946641		10	0.64699		5	0.000323495		27	0.00174687		77	0.004981825		194	0.01255161
27.08333	700	3.334174	3.38E+00	1.01E+03		53	3.34104726		61	3.845356		10	0.630388		5	0.000315193		27	0.00170204		77	0.004853974		194	0.01222049
27.16667	705	3.246913	3.29E+00	9.87E+02		53	3.25447425		61	3.745716		10	0.614052		5	0.000307026		27	0.00165794		77	0.004728198		194	0.0119126
27.25	710	3.15924	3.20E+00	9.61E+02		53	3.16796602		61	3.64615		10	0.597729		5	0.000298865		27	0.00161387		77	0.004602517		194	0.01159595
27.33333	715	3.068104	3.11E+00	9.34E+02		53	3.07954152		61	3.544378		10	0.581046		5	0.000290523		27	0.00156882		77	0.004474051		194	0.01127228
27.41667	720	2.980127	3.02E+00	9.07E+02		53	2.99096669		61	3.442433		10	0.564333		5	0.000282167		27	0.0015237		77	0.004345367		194	0.01094807
27.5	725	2.892546	2.94E+00	8.81E+02		53	2.90414988		61	3.342512		10	0.547953		5	0.000273976		27	0.00147947		77	0.004219237		194	0.01063028
27.58333	730	2.803568	2.85E+00	8.54E+02		53	2.81683806		61	3.242021		10	0.531479		5	0.000265739		27	0.00143499		77	0.004092387		194	0.01031069
27.66667	735	2.715122	2.76E+00	8.28E+02		53	2.72909847		61	3.141038		10	0.514924		5	0.000257462		27	0.0013903		77	0.003964917		194	0.00998953
27.75	740	2.630928	2.67E+00	8.02E+02		53	2.64372467		61	3.042777		10	0.498816		5	0.000249408		27	0.0013468		77	0.003840883		194	0.00967703
27.83333	745	2.547544	2.59E+00	7.77E+02		53	2.56085412		61	2.947398		10	0.48318		5	0.00024159		27	0.00130459		77	0.003720486		194	0.00937369
27.91667	750	2.457918	2.50E+00	7.51E+02		53	2.47529734		61	2.848927		10	0.467037		5	0.000233519		27	0.001261		77	0.003596187		194	0.00906052
28	755	2.373868	2.42E+00	7.25E+02		53	2.38941122		61	2.750077		10	0.450832		5	0.000225416		27	0.00121725		77	0.00347409		194	0.00874615
28.08333	760	2.29052	2.33E+00	7.00E+02		53	2.30662968		61	2.6548		10	0.435213		5	0.000217607		27	0.00117508		77	0.003351141		194	0.00844314
28.16667	765	2.209205	2.25E+00	6.75E+02		53	2.22520066		61	2.56108		10	0.419849		5	0.000209925		27	0.00113359		77	0.003232839		194	0.00814507
28.25	770	2.133711	2.17E+00	6.51E+02		53	2.14765559		61	2.47183		10	0.405218		5	0.000202609		27	0.00109409		77	0.003120179		194	0.00786123
28.33333	775	2.061332	2.10E+00	6.29E+02		53	2.07452954		61	2.387666		10	0.391421		5	0.00019571		27	0.00105684		77	0.003013939		194	0.00759356
28.41667	780	1.997189	2.03E+00	6.09E+02		53	2.00701679		61	2.309963		10	0.378682		5	0.000189341		27	0.00102244		77	0.002915855		194	0.00734644
28.5	785	1.951276	1.97E+00	5.92E+02		53	1.95259197		61	2.247323		10	0.368414		5	0.000184207		27	0.00099472		77	0.002836785		194	0.00714722
28.58333	790	1.90574	1.93E+00	5.79E+02		53	1.90736868		61	2.195273		10	0.359881		5	0.00017994		27	0.00097168		77	0.002771083		194	0.00698169
28.66667	795	1.861372	1.88E+00	5.65E+02		53	1.86290942		61	2.144103		10	0.351492		5	0.000175746		27	0.00094903		77	0.002706491		194	0.00681895
28.75	800	1.817863	1.84E+00	5.52E+02		53	1.81945255		61	2.094087		10	0.343293		5	0.000171648		27	0.00092689		77	0.002643356		194	0.00665988
28.83333	805	1.774406	1.80E+00	5.39E+02		53	1.77644619		61	2.044589		10	0.335179		5	0.000167589		27	0.00090496		77	0.002580875		194	0.00650246
28.91667	810	1.730677	1.75E+00	5.26E+02		53	1.73333104		61	1.994966		10	0.327044		5	0.000163522		27	0.00088302		77	0.002518236		194	0.00634465
29	815	1.686624	1.71E+00	5.13E+02		53	1.68992115		61	1.945004		10	0.318853		5	0.000159427		27	0.0008609		77	0.002455168		194	0.00618575
29.08333	820	1.64351	1.67E+00	5.00E+02		53	1.64681539		61	1.895391		10	0.31072		5	0.00015536		27	0.00083894		77	0.002392543		194	0.00602797
29.16667	825	1.601486	1.62E+00	4.87E+02		53	1.60471301		61	1.846934		10	0.302776		5	0.000151388		27	0.0008175		77	0.002331376		194	0.00587386
29.25	830	1.560604	1.58E+00	4.74E+02		53	1.56371439		61	1.799747		10	0.29504		5	0.00014752		27	0.00079681		77	0.002271811		194	0.00572378
29.33333	835	1.520978	1.54E+00	4.62E+02		53	1.52390164		61	1.753925		10	0.287529		5	0.000143764		27	0.00077633		77	0.00221397		194	0.00557806
29.41667	840	1.483235	1.50E+00	4.51E+02		53	1.48564118		61	1.709889		10	0.28031		5	0.000140155		27	0.00075684		77	0.002158384		194	0.00543801
29.5	845	1.446883	1.47E+00	4.40E+02		53	1.44899977		61	1.667717		10	0.273396		5	0.000136698		27	0.00073817		77	0.002105151		194	0.00530389
29.58333	850	1.411161	1.43E+00	4.29E+02		53	1.41335779		61	1.626695		10	0.266671		5	0.000133336		27	0.00072001		77	0.002053369		194	0.00517342
29.66667	855	1.37651	1.39E+00	4.18E+02		53	1.37855699		61	1.586641		10	0.260105		5	0.000130053		27	0.00070228		77	0.002002809		194	0.00504604
29.75	860	1.342697	1.36E+00	4.08E+02		53	1.34470022		61	1.547674		10	0.253717		5	0.000126859		27	0.00068504		77	0.001953621		194	0.00492211
29.83333	865	1.310705	1.33E+00	3.98E+02		53	1.31215838		61	1.51022		10	0.247577		5	0.000123789		27	0.00066846		77	0.001906343		194	0.00480299
29.91667	870	1.280786	1.30E+00	3.89E+02		53	1.2815422		61	1.474983		10	0.2418		5	0.0001209		27	0.00065286		77	0.001861863		194	0.00469093
30	875	1.25148	1.27E+00	3.80E+02		53	1.2522543		61	1.441274		10	0.236274		5	0.000118137		27	0.00063794		77	0.001819313		194	0.00458372
30.08333	880	1.223173	1.24E+00	3.71E+02		53	1.22376356		61	1.408483		10	0.230899		5	0.000115449		27	0.00062343		77	0.001777921		194	0.00447944
30.16667	885	1.196292	1.21E+00	3.63E+02		53	1.19647203		61	1.377072		10	0.225749		5	0.000112875		27	0.00060952		77	0.001738271		194	0.00437954
30.25	890	1.171336	1.18E+00	3.55E+02		53	1.17083764		61	1.347568		10	0.220913		5	0.000110456		27	0.00059646		77	0.001701028		194	0.00428571
30.33333	895	1.147557	1.16E+00	3.48E+02		53	1.14673724		61	1.31983		10	0.216366		5	0.000108183		27	0.00058419		77	0.001666014		194	0.00419749
30.41667	900	1.124604	1.14E+00	3.41E+02		53	1.12362737		61	1.293231		10	0.212005		5	0.000106003		27	0.00057241		77	0.00163244		194	0.0041129
30.5	905	1.102977	1.11E+00	3.34E+02		53	1.1015817		61	1.267858		10	0.207846		5	0.000103923		27	0.00056118		77	0.001600411		194	0.0040322
30.58333	910	1.082722	1.09E+00	3.28E+02		53	1.08067024		61	1.24402		10	0.203938		5	0.000101969		27	0.00055063		77	0.001570321		194	0.00395639
30.66667	915	1.060504	1.07E+00	3.21E+02		53	1.05986653		61	1.219846		10	0.199975		5	9.99874E-05		27	0.00053993		77	0.001539806		194	0.00387951
30.75	920	1.042509	1.05E+00	3.15E+02		53	1.03998042		61	1.196959		10	0.196223		5	9.81114E-05		27	0.0005298		77	0.001510915		194	0.00380672
30.83333	925	1.026175	1.03E+00	3.10E+02		53	1.02300407		61	1.17742		10	0.19302		5	9.65098E-05		27	0.00052115		77	0.001486251		194	0.00374458
30.91667	930	1.010562	1.02E+00	3.06E+02		53	1.00720567		61	1.159237		10	0.190039		5	9.50194E-05		27	0.0005131		77	0.001463299		194	0.00368675
31	935	0.9950292	1.00E+00	3.01E+02		53	0.99180347		61	1.14151		10	0.187133		5	9.35664E-05		27	0.00050526		77	0.001440922		194	0.00363037
31.08333	940	0.9799397	9.87E-01	2.96E+02		53	0.97666015		61	1.124081		10	0.184276		5	9.21378E-05		27	0.00049754		77	0.001418921		194	0.00357494
31.16667	945	0.9656576	9.73E-01	2.92E+02		53	0.96213533		61	1.107363		10	0.181535		5	9.07675E-05		27	0.00049014		77	0.001397819		194	0.00352178
31.25	950	0.9520604	9.59E-01	2.88E+02		53	0.94835837		61	1.091507		10	0.178936		5	8.94678E-05		27	0.00048313		77	0.001377804		194	0.00347135

Conduit CSO 1005

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.74E+05	28.58	840.41	1,309.23	162.18	0.09	0.55	1.42	3.67

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
31.33333	955	0.9394565	9.46E-01	2.84E+02		53	0.93540142		61	1.076594		10	0.176491		5	8.82454E-05		27	0.00047653		77	0.001358979		194	0.00342392
31.41667	960	0.9276497	9.34E-01	2.80E+02		53	0.92331997		61	1.062689		10	0.174211		5	8.71057E-05		27	0.00047037		77	0.001341427		194	0.0033797
31.5	965	0.916721	9.22E-01	2.77E+02		53	0.91207683		61	1.049749		10	0.17209		5	8.6045E-05		27	0.00046464		77	0.001325093		194	0.00333855
31.58333	970	0.9067631	9.12E-01	2.74E+02		53	0.901748		61	1.037861		10	0.170141		5	8.50706E-05		27	0.00045938		77	0.001310087		194	0.00330074
31.66667	975	0.8978934	9.02E-01	2.71E+02		53	0.89243739		61	1.027145		10	0.168384		5	8.41922E-05		27	0.00045464		77	0.00129658		194	0.00326666
31.75	980	0.8901103	8.94E-01	2.68E+02		53	0.88420226		61	1.017667		10	0.166831		5	8.34153E-05		27	0.00045044		77	0.001284596		194	0.00323651
31.83333	985	0.8832805	8.87E-01	2.66E+02		53	0.8769759		61	1.00935		10	0.165467		5	8.27336E-05		27	0.00044676		77	0.001274097		194	0.00321006
31.91667	990	0.8771576	8.80E-01	2.64E+02		53	0.87057054		61	1.001977		10	0.164259		5	8.21293E-05		27	0.0004435		77	0.001264791		194	0.00318662
32	995	0.8718029	8.74E-01	2.62E+02		53	0.86489465		61	0.995445		10	0.163188		5	8.15938E-05		27	0.00044061		77	0.001256545		194	0.00316584
32.08333	1000	0.867275	8.70E-01	2.61E+02		53	0.86000751		61	0.98982		10	0.162266		5	8.11328E-05		27	0.00043812		77	0.001249445		194	0.00314795
32.16667	1005	0.8637219	8.65E-01	2.60E+02		53	0.8560113		61	0.985221		10	0.161512		5	8.07558E-05		27	0.00043608		77	0.001243639		194	0.00313332
32.25	1010	0.8607356	8.62E-01	2.59E+02		53	0.85277744		61	0.981499		10	0.160901		5	8.04507E-05		27	0.00043443		77	0.001238941		194	0.00312149
32.33333	1015	0.8582242	8.59E-01	2.58E+02		53	0.85005872		61	0.978369		10	0.160388		5	8.01942E-05		27	0.00043305		77	0.001234991		194	0.00311154
32.41667	1020	0.8562486	8.57E-01	2.57E+02		53	0.84783981		61	0.975816		10	0.15997		5	7.99849E-05		27	0.00043192		77	0.001231767		194	0.00310341
32.5	1025	0.8544374	8.55E-01	2.57E+02		53	0.84596717		61	0.97366		10	0.159616		5	7.98082E-05		27	0.00043096		77	0.001229047		194	0.00309656
32.58333	1030	0.8531785	8.54E-01	2.56E+02		53	0.84444894		61	0.971913		10	0.15933		5	7.9685E-05		27	0.00043019		77	0.001226841		194	0.003091
32.66667	1035	0.8520932	8.53E-01	2.56E+02		53	0.84328969		61	0.970579		10	0.159111		5	7.95556E-05		27	0.0004296		77	0.001225157		194	0.00308678
32.75	1040	0.8510352	8.52E-01	2.55E+02		53	0.84222979		61	0.969359		10	0.158911		5	7.94556E-05		27	0.00042906		77	0.001223817		194	0.00308288
32.83333	1045	0.8500417	8.51E-01	2.55E+02		53	0.84121528		61	0.968191		10	0.15872		5	7.93599E-05		27	0.00042854		77	0.001222143		194	0.00307917
32.91667	1050	0.8492406	8.50E-01	2.55E+02		53	0.84032782		61	0.96717		10	0.158552		5	7.92762E-05		27	0.00042809		77	0.001220854		194	0.00307592
33	1055	0.8482539	8.49E-01	2.55E+02		53	0.83944372		61	0.966152		10	0.158386		5	7.91928E-05		27	0.00042764		77	0.001219569		194	0.00307268
33.08333	1060	0.8470423	8.48E-01	2.54E+02		53	0.83835662		61	0.964901		10	0.15818		5	7.90902E-05		27	0.00042709		77	0.00121799		194	0.0030687
33.16667	1065	0.8452325	8.46E-01	2.54E+02		53	0.83686248		61	0.963181		10	0.157899		5	7.89493E-05		27	0.00042633		77	0.001215819		194	0.00306323
33.25	1070	0.8426686	8.44E-01	2.53E+02		53	0.8346996		61	0.960692		10	0.15749		5	7.87452E-05		27	0.00042522		77	0.001212877		194	0.00305532
33.33333	1075	0.8395627	8.41E-01	2.52E+02		53	0.83189577		61	0.957465		10	0.156961		5	7.84807E-05		27	0.0004238		77	0.001208603		194	0.00304505
33.41667	1080	0.8357862	8.38E-01	2.51E+02		53	0.82849229		61	0.953548		10	0.156319		5	7.81597E-05		27	0.00042206		77	0.001203659		194	0.00303259
33.5	1085	0.8316798	8.34E-01	2.50E+02		53	0.82459405		61	0.949061		10	0.155584		5	7.77919E-05		27	0.00042008		77	0.001197995		194	0.00301833
33.58333	1090	0.8273419	8.30E-01	2.49E+02		53	0.82041818		61	0.944255		10	0.154796		5	7.73979E-05		27	0.00041795		77	0.001191928		194	0.00300304
33.66667	1095	0.8226815	8.25E-01	2.48E+02		53	0.81596834		61	0.939133		10	0.153956		5	7.69781E-05		27	0.00041568		77	0.001185463		194	0.00298675
33.75	1100	0.8177209	8.20E-01	2.46E+02		53	0.81121057		61	0.933657		10	0.153059		5	7.65293E-05		27	0.00041326		77	0.001178551		194	0.00296934
33.83333	1105	0.8126569	8.15E-01	2.45E+02		53	0.80625322		61	0.927952		10	0.152123		5	7.60616E-05		27	0.00041073		77	0.001171349		194	0.00295119
33.91667	1110	0.807367	8.10E-01	2.43E+02		53	0.80113301		61	0.922059		10	0.151157		5	7.55786E-05		27	0.00040812		77	0.00116391		194	0.00293245
34	1115	0.8021578	8.05E-01	2.41E+02		53	0.79594101		61	0.916083		10	0.150178		5	7.50888E-05		27	0.00040548		77	0.001156367		194	0.00291344
34.08333	1120	0.7969992	8.00E-01	2.40E+02		53	0.79081393		61	0.910182		10	0.14921		5	7.46051E-05		27	0.00040287		77	0.001146918		194	0.00289468
34.16667	1125	0.792056	7.95E-01	2.38E+02		53	0.7858184		61	0.904432		10	0.148268		5	7.41338E-05		27	0.00040032		77	0.001141661		194	0.00287639
34.25	1130	0.7873856	7.90E-01	2.37E+02		53	0.78106428		61	0.898961		10	0.147371		5	7.36853E-05		27	0.0003979		77	0.001134754		194	0.00285899
34.33333	1135	0.7829434	7.85E-01	2.36E+02		53	0.77655793		61	0.893774		10	0.14652		5	7.32602E-05		27	0.0003956		77	0.001128207		194	0.0028425
34.41667	1140	0.7804331	7.82E-01	2.35E+02		53	0.77311978		61	0.889817		10	0.145872		5	7.29358E-05		27	0.00039385		77	0.001123212		194	0.00282991
34.5	1145	0.7789043	7.80E-01	2.34E+02		53	0.77112237		61	0.887518		10	0.145495		5	7.27474E-05		27	0.00039284		77	0.00112031		194	0.0028226
34.58333	1150	0.7768737	7.78E-01	2.33E+02		53	0.76936218		61	0.885492		10	0.145163		5	7.25813E-05		27	0.00039194		77	0.001117753		194	0.00281618
34.66667	1155	0.7737064	7.75E-01	2.33E+02		53	0.76679172		61	0.882534		10	0.144678		5	7.23388E-05		27	0.00039063		77	0.001114018		194	0.00280675
34.75	1160	0.7701338	7.72E-01	2.32E+02		53	0.76345871		61	0.878698		10	0.144049		5	7.20244E-05		27	0.00038893		77	0.001109176		194	0.00279455
34.83333	1165	0.7665378	7.68E-01	2.31E+02		53	0.7599137		61	0.874618		10	0.14338		5	7.169E-05		27	0.00038713		77	0.001104026		194	0.00278157
34.91667	1170	0.7629335	7.65E-01	2.29E+02		53	0.75635301		61	0.87052		10	0.142708		5	7.13541E-05		27	0.00038531		77	0.001098852		194	0.00276854
35	1175	0.7593259	7.61E-01	2.28E+02		53	0.75278659		61	0.866415		10	0.142035		5	7.10176E-05		27	0.0003835		77	0.001093671		194	0.00275548
35.08333	1180	0.7556508	7.57E-01	2.27E+02		53	0.74918515		61	0.86227		10	0.141356		5	7.06778E-05		27	0.00038166		77	0.001088439		194	0.0027423
35.16667	1185	0.7516953	7.54E-01	2.26E+02		53	0.74541167		61	0.857927		10	0.140644		5	7.03219E-05		27	0.00037974		77	0.001082957		194	0.00272849
35.25	1190	0.7475186	7.50E-01	2.25E+02		53	0.74139014		61	0.853298		10	0.139885		5	6.99425E-05		27	0.00037769		77	0.001077114		194	0.00271377
35.33333	1195	0.7429143	7.45E-01	2.24E+02		53	0.73704777		61	0.8483		10	0.139066		5	6.95328E-05		27	0.00037548		77	0.001070805		194	0.00269787
35.41667	1200	0.7379764	7.40E-01	2.22E+02		53	0.73232897		61	0.842869		10	0.138175		5	6.90876E-05		27	0.00037307		77	0.00106395		194	0.0026808
35.5	1205	0.7326092	7.35E-01	2.21E+02		53	0.7272329		61	0.837004		10	0.137214		5	6.86069E-05		27	0.00037048		77	0.001056546		194	0.00266195
35.58333	1210	0.7270321	7.30E-01	2.19E+02		53	0.72182073		61	0.830775		10	0.136193		5	6.80963E-05		27	0.00036772		77	0.001046883		194	0.00264214
35.66667	1215	0.7210616	7.24E-01	2.17E+02		53	0.71611022		61	0.824202		10	0.135115		5	6.75576E-05		27	0.00036481		77	0.001040387		194	0.00262123
35.75	1220	0.7148708	7.18E-01	2.15E+02		53	0.71009622		61	0.817281		10	0.13398		5	6.69902E-05		27	0.00036175		77	0.001031649		194	0.00259922
35.83333	1225	0.7083299	7.12E-01	2.13E+02		53	0.70380015		61	0.810034		10	0.132792		5	6.63962E-05		27	0.00035854		77	0.001022502		194	0.00257617
35.91667	1230	0.7016681	7.05E-01	2.11E+02		53	0.69727116		61	0.80252		10	0.131561		5	6.57803E-05		27	0.00035521		77	0.001013017		194	0.00255228
36	1235	0.694983	6.98E-01	2.09E+02		53	0.69067086		61	0.794923		10	0.130315		5	6.51576E-05		27	0.00035185		77	0.001003427		194	0.00252812
36.08333	1240	0.6882349	6.92E-01	2.07E+02		53	0.68402789		61	0.787277		10	0.129062		5	6.45309E-05		27	0.00034847		77	0.000993776		194	0.0025038
36.16667	1245	0.6815007	6.85E-01	2.05E+02		53	0.67736063		61	0.779604		10	0.127804		5	6.39019E-05		27	0.00034507		77	0.00098409		194	0.0024794
36.25	1250	0.6747737	6.78E-01	2.03E+02		53	0.67070381		61	0.771942		10	0.126548		5	6.32739E-05		27	0.00034168		77	0.000974419		194	0.00245503
36.33333	1255	0.6683903	6.72E-01	2.01E+02		53	0.66422046		61	0.76448		10	0.125325		5	6.26623E-05		27	0.00033838		77	0.000965		194	0.0024313
36.41667	1260	0.6623023	6.65E-01	2.00E+02		53	0.65805311		61	0.757382		10	0.124161		5	6.20805E-05		27	0.00033523		77	0.000956039		194	0.00240872
36.5	1265	0.6564894	6.59E-01	1.98E+02		53	0.65216789		61	0.750608		10	0.123051		5	6.15253E-05		27	0.00033224		77	0.000947489		194	0.00238718
36.58333	1270	0.6508978	6.54E-01	1.96E+02		53	0.64652815		61	0.744117		10	0.121986		5	6.09932E-05		27	0.00032936		77	0.000939296		194	0.00236654

Conduit CSO 1005

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.74E+05	28.58	840.41	1,309.23	162.18	0.09	0.55	1.42	3.67

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
36.66667	1275	0.6454694	6.48E-01	1.94E+02		53	0.84107854		61	0.737845		10	0.120958		5	6.04791E-05		27	0.00032659		77	0.000931378		194	0.00234659
36.75	1280	0.640204	6.43E-01	1.93E+02		53	0.83579025		61	0.731759		10	0.11996		5	5.99802E-05		27	0.00032132		77	0.00091635		194	0.00230873
36.83333	1285	0.6352463	6.38E-01	1.91E+02		53	0.83073473		61	0.72584		10	0.119007		5	5.95033E-05		27	0.00032132		77	0.00091635		194	0.00230873
36.91667	1290	0.630556	6.33E-01	1.90E+02		53	0.82596361		61	0.720449		10	0.118106		5	5.90532E-05		27	0.00031889		77	0.000909419		194	0.00229126
37	1295	0.6280508	6.28E-01	1.88E+02		53	0.82141626		61	0.715215		10	0.117248		5	5.86242E-05		27	0.00031657		77	0.000902812		194	0.00227462
37.08333	1300	0.6216063	6.24E-01	1.87E+02		53	0.81699046		61	0.710121		10	0.116413		5	5.82066E-05		27	0.00031432		77	0.000896382		194	0.00225842
37.16667	1305	0.6172565	6.19E-01	1.86E+02		53	0.81284151		61	0.705116		10	0.115593		5	5.77964E-05		27	0.0003121		77	0.000890064		194	0.0022425
37.25	1310	0.6128884	6.15E-01	1.85E+02		53	0.80833034		61	0.700154		10	0.114779		5	5.73897E-05		27	0.0003099		77	0.000883801		194	0.00222672
37.33333	1315	0.6083879	6.11E-01	1.83E+02		53	0.80394465		61	0.695106		10	0.113952		5	5.69759E-05		27	0.00030767		77	0.000877429		194	0.00221067
37.41667	1320	0.6038333	6.06E-01	1.82E+02		53	0.59946673		61	0.689952		10	0.113107		5	5.65535E-05		27	0.00030539		77	0.000870923		194	0.00219427
37.5	1325	0.599182	6.02E-01	1.80E+02		53	0.59491423		61	0.684713		10	0.112248		5	5.6124E-05		27	0.00030307		77	0.000864309		194	0.00217761
37.58333	1330	0.594308	5.97E-01	1.79E+02		53	0.59020379		61	0.679291		10	0.111359		5	5.56796E-05		27	0.00030067		77	0.000857486		194	0.00216037
37.66667	1335	0.5892847	5.92E-01	1.78E+02		53	0.58530938		61	0.673658		10	0.110436		5	5.52179E-05		27	0.00029818		77	0.000850355		194	0.00214245
37.75	1340	0.584136	5.87E-01	1.76E+02		53	0.58027913		61	0.667868		10	0.109487		5	5.47433E-05		27	0.00029561		77	0.000843047		194	0.00212404
37.83333	1345	0.5786012	5.81E-01	1.74E+02		53	0.57499594		61	0.661788		10	0.10849		5	5.42449E-05		27	0.00029292		77	0.000835371		194	0.0021047
37.91667	1350	0.5728408	5.76E-01	1.73E+02		53	0.56941024		61	0.655359		10	0.107436		5	5.37179E-05		27	0.00029008		77	0.000827256		194	0.00208426
38	1355	0.5668752	5.70E-01	1.71E+02		53	0.56361151		61	0.648685		10	0.106342		5	5.31709E-05		27	0.00028712		77	0.000818832		194	0.00206303
38.08333	1360	0.5609725	5.64E-01	1.69E+02		53	0.55774241		61	0.64193		10	0.105234		5	5.26172E-05		27	0.00028413		77	0.000810305		194	0.00204155
38.16667	1365	0.5550002	5.58E-01	1.67E+02		53	0.55186999		61	0.635171		10	0.104126		5	5.20632E-05		27	0.00028114		77	0.000801773		194	0.00202005
38.25	1370	0.5487619	5.52E-01	1.66E+02		53	0.54583161		61	0.628221		10	0.102987		5	5.14935E-05		27	0.00027807		77	0.000793001		194	0.00199795
38.33333	1375	0.5407525	5.45E-01	1.63E+02		53	0.53878585		61	0.620112		10	0.101658		5	5.08289E-05		27	0.00027448		77	0.000782764		194	0.00197216
38.41667	1380	0.5183874	5.30E-01	1.59E+02		53	0.52376508		61	0.602824		10	0.098824		5	4.94118E-05		27	0.00026682		77	0.000760942		194	0.00191718
38.5	1385	0.5022042	5.10E-01	1.53E+02		53	0.5047022		61	0.580884		10	0.095227		5	4.76134E-05		27	0.00025711		77	0.000733247		194	0.0018474
38.58333	1390	0.4911119	4.97E-01	1.49E+02		53	0.49121394		61	0.565359		10	0.092682		5	4.63409E-05		27	0.00025024		77	0.00071365		194	0.00179803
38.66667	1395	0.4841149	4.88E-01	1.46E+02		53	0.48226843		61	0.555064		10	0.090994		5	4.5497E-05		27	0.00024568		77	0.000700854		194	0.00176528
38.75	1400	0.4782385	4.81E-01	1.44E+02		53	0.47590229		61	0.547737		10	0.089793		5	4.48964E-05		27	0.00024244		77	0.000691405		194	0.00174198
38.83333	1405	0.4724262	4.75E-01	1.43E+02		53	0.470122		61	0.541084		10	0.088702		5	4.43511E-05		27	0.0002395		77	0.000683007		194	0.00172082
38.91667	1410	0.4660715	4.69E-01	1.41E+02		53	0.46410518		61	0.534159		10	0.087567		5	4.37835E-05		27	0.00023643		77	0.000674266		194	0.0016988
39	1415	0.4589599	4.63E-01	1.39E+02		53	0.45744584		61	0.526494		10	0.086311		5	4.31553E-05		27	0.00023304		77	0.000664591		194	0.00167442
39.08333	1420	0.4511463	4.55E-01	1.37E+02		53	0.45006504		61	0.517999		10	0.084918		5	4.2459E-05		27	0.00022928		77	0.000653868		194	0.00164741
39.16667	1425	0.4426979	4.47E-01	1.34E+02		53	0.44202317		61	0.508744		10	0.083401		5	4.17003E-05		27	0.00022518		77	0.000642185		194	0.00161797
39.25	1430	0.4338427	4.38E-01	1.31E+02		53	0.43346621		61	0.498895		10	0.081786		5	4.0893E-05		27	0.00022082		77	0.000629753		194	0.00158665
39.33333	1435	0.4249735	4.29E-01	1.29E+02		53	0.42470115		61	0.488807		10	0.080132		5	4.00661E-05		27	0.00021636		77	0.000617019		194	0.00155457
39.41667	1440	0.4161493	4.21E-01	1.26E+02		53	0.41595142		61	0.478737		10	0.078481		5	3.92407E-05		27	0.0002119		77	0.000604307		194	0.00152254
39.5	1445	0.4082334	4.12E-01	1.24E+02		53	0.40767312		61	0.469209		10	0.076919		5	3.84597E-05		27	0.00020768		77	0.00059228		194	0.00149224
39.58333	1450	0.3999127	4.04E-01	1.21E+02		53	0.39964381		61	0.459967		10	0.075404		5	3.77022E-05		27	0.00020359		77	0.000580615		194	0.00146285
39.66667	1455	0.392409	3.96E-01	1.19E+02		53	0.39181834		61	0.450961		10	0.073928		5	3.6964E-05		27	0.00019961		77	0.000569248		194	0.0014342
39.75	1460	0.3850336	3.89E-01	1.17E+02		53	0.38446034		61	0.442492		10	0.07254		5	3.62698E-05		27	0.00019586		77	0.000558556		194	0.00140727
39.83333	1465	0.3773997	3.81E-01	1.14E+02		53	0.37703795		61	0.433949		10	0.071139		5	3.55896E-05		27	0.00019208		77	0.000547772		194	0.0013801
39.91667	1470	0.3703876	3.74E-01	1.12E+02		53	0.36979522		61	0.425613		10	0.069773		5	3.48863E-05		27	0.00018839		77	0.00053725		194	0.00135359
40	1475	0.3628944	3.67E-01	1.10E+02		53	0.36262207		61	0.417357		10	0.068419		5	3.42098E-05		27	0.00018473		77	0.000526828		194	0.00132733
40.08333	1480	0.355277	3.59E-01	1.08E+02		53	0.35514959		61	0.408757		10	0.067009		5	3.35047E-05		27	0.00018093		77	0.000515972		194	0.00129998
40.16667	1485	0.3473386	3.51E-01	1.05E+02		53	0.34745694		61	0.399903		10	0.065558		5	3.2779E-05		27	0.00017701		77	0.000504796		194	0.00127182
40.25	1490	0.3395898	3.43E-01	1.03E+02		53	0.33969932		61	0.390975		10	0.064094		5	3.20471E-05		27	0.00017305		77	0.000493525		194	0.00124343
40.33333	1495	0.3317031	3.36E-01	1.01E+02		53	0.33196727		61	0.382076		10	0.062635		5	3.13177E-05		27	0.00016912		77	0.000482292		194	0.00121513
40.41667	1500	0.3237059	3.28E-01	9.83E+01		53	0.32411237		61	0.373035		10	0.061153		5	3.05766E-05		27	0.00016511		77	0.00047088		194	0.00118637
40.5	1505	0.3156831	3.20E-01	9.59E+01		53	0.31619017		61	0.363917		10	0.059659		5	2.98293E-05		27	0.00016108		77	0.000459371		194	0.00115738
40.58333	1510	0.3075465	3.12E-01	9.35E+01		53	0.30819904		61	0.35472		10	0.058151		5	2.90754E-05		27	0.00015701		77	0.000447761		194	0.00112812
40.66667	1515	0.2993524	3.03E-01	9.10E+01		53	0.30012319		61	0.345425		10	0.056627		5	2.83135E-05		27	0.00015289		77	0.000436028		194	0.00109856
40.75	1520	0.29121	2.95E-01	8.86E+01		53	0.29204448		61	0.336127		10	0.055103		5	2.75514E-05		27	0.00014878		77	0.000424291		194	0.00106899
40.83333	1525	0.2831217	2.87E-01	8.61E+01		53	0.28401808		61	0.326889		10	0.053588		5	2.67942E-05		27	0.00014469		77	0.00041263		194	0.00103961
40.91667	1530	0.2750812	2.79E-01	8.37E+01		53	0.27604208		61	0.317709		10	0.052083		5	2.60417E-05		27	0.00014063		77	0.000401042		194	0.00101042
41	1535	0.2670929	2.71E-01	8.13E+01		53	0.26811553		61	0.308586		10	0.050588		5	2.52939E-05		27	0.00013659		77	0.000389526		194	0.0009814
41.08333	1540	0.2591126	2.63E-01	7.89E+01		53	0.26021875		61	0.299497		10	0.049098		5	2.45489E-05		27	0.00013256		77	0.000378054		194	0.0009525
41.16667	1545	0.2512311	2.55E-01	7.66E+01		53	0.25237479		61	0.290469		10	0.047618		5	2.38089E-05		27	0.00012857		77	0.000366658		194	0.00092379
41.25	1550	0.2434504	2.47E-01	7.42E+01		53	0.24462953		61	0.281555		10	0.046157		5	2.30783E-05		27	0.00012462		77	0.000355405		194	0.00089544
41.33333	1555	0.2354693	2.39E-01	7.18E+01		53	0.23683501		61	0.272584		10	0.044686		5	2.23429E-05		27	0.00012065		77	0.000344081		194	0.00086691
41.41667	1560	0.2274288	2.31E-01	6.94E+01		53	0.22891202		61	0.263465		10	0.043191		5	2.15955E-05		27	0.00011662		77	0.00033257		194	0.0008379
41.5	1565	0.2195262	2.23E-01	6.70E+01		53	0.22102785		61	0.254391		10	0.041703		5	2.08517E-05		27	0.0001126		77	0.000321116		194	0.00080905
41.58333	1570	0.2118443	2.16E-01	6.47E+01		53	0.21332102		61	0.24552		10	0.040249		5	2.01246E-05		27	0.00010867		77	0.000309919		194	0.00078084
41.66667	1575	0.2044018	2.08E-01	6.24E+01		53	0.20584171		61	0.236912		10	0.038838		5	1.9419E-05		27	0.00010486		77	0.000299053		194	0.00075346
41.75	1580	0.1972028	2.01E-01	6.02E+01		53	0.19860121		61	0.228579		10	0.037472		5	1.8736E-05		27	0.00010117		77	0.000288534		194	0.00072696
41.83333	1585	0.1902558	1.94E-01	5.81E+01		53	0.19160574		61	0.220527		10	0.036152		5	1.8076E-05		27	9.761E-05		77	0.000278371		194	0.00070135
41.91667	1590	0.1835137	1.87E-01	5.61E+01		53	0.18483622		61	0.212736		10	0.034875		5	1.74374E-05		27	9.4162E-05		77	0.000268536		194	0.00067657

Conduit CSO 1005

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.74E+05	28.58	840.41	1,309.23	162.18	0.09	0.55	1.42	3.67

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
42	1595	0.1770783	1.80E-01	5.41E+01		53	0.17831969		61	0.205236		10	0.033645		5	1.68226E-05		27	9.0842E-05		77	0.000259068		194	0.00065272
42.08333	1600	0.1708993	1.74E-01	5.22E+01		53	0.17208162		61	0.198056		10	0.032468		5	1.62341E-05		27	8.7664E-05		77	0.000250005		194	0.00062988
42.16667	1605	0.1649544	1.68E-01	5.04E+01		53	0.16608612		61	0.191156		10	0.031337		5	1.56685E-05		27	8.461E-05		77	0.000241295		194	0.00060794
42.25	1610	0.1593592	1.62E-01	4.86E+01		53	0.16037932		61	0.184588		10	0.03026		5	1.51301E-05		27	8.1703E-05		77	0.000233004		194	0.00058705
42.33333	1615	0.1541428	1.57E-01	4.70E+01		53	0.15503278		61	0.178434		10	0.029251		5	1.46257E-05		27	7.8979E-05		77	0.000225236		194	0.00056748
42.41667	1620	0.1491894	1.52E-01	4.55E+01		53	0.15000361		61	0.172646		10	0.028303		5	1.41513E-05		27	7.6417E-05		77	0.00021793		194	0.00054907
42.5	1625	0.144483	1.47E-01	4.41E+01		53	0.14522666		61	0.167148		10	0.027401		5	1.37006E-05		27	7.3983E-05		77	0.00021099		194	0.00053158
42.58333	1630	0.1400521	1.42E-01	4.27E+01		53	0.14070809		61	0.161947		10	0.026549		5	1.32743E-05		27	7.1681E-05		77	0.000204425		194	0.00051504
42.66667	1635	0.1358393	1.38E-01	4.14E+01		53	0.13643361		61	0.157027		10	0.025742		5	1.28711E-05		27	6.9504E-05		77	0.000198215		194	0.0004994
42.75	1640	0.1318258	1.34E-01	4.01E+01		53	0.13236555		61	0.152345		10	0.024975		5	1.24873E-05		27	6.7432E-05		77	0.000192305		194	0.00048451
42.83333	1645	0.1279932	1.30E-01	3.90E+01		53	0.1284855		61	0.14788		10	0.024243		5	1.21213E-05		27	6.5455E-05		77	0.000186868		194	0.00047031
42.91667	1650	0.1243338	1.26E-01	3.78E+01		53	0.12478056		61	0.143615		10	0.023544		5	1.17718E-05		27	6.3567E-05		77	0.000181265		194	0.00045674
43	1655	0.1207791	1.23E-01	3.68E+01		53	0.12121305		61	0.139509		10	0.02287		5	1.14352E-05		27	6.175E-05		77	0.000176102		194	0.00044369
43.08333	1660	0.1173157	1.19E-01	3.57E+01		53	0.11774246		61	0.135515		10	0.022216		5	1.11078E-05		27	5.9982E-05		77	0.00017106		194	0.00043098
43.16667	1665	0.1138489	1.16E-01	3.47E+01		53	0.11431535		61	0.13157		10	0.021569		5	1.07845E-05		27	5.8236E-05		77	0.000166061		194	0.00041844
43.25	1670	0.1104475	1.12E-01	3.36E+01		53	0.11091889		61	0.127661		10	0.020928		5	1.0464E-05		27	5.6506E-05		77	0.000161146		194	0.000406
43.33333	1675	0.1070674	1.09E-01	3.26E+01		53	0.10756531		61	0.123802		10	0.020295		5	1.01477E-05		27	5.4797E-05		77	0.000156274		194	0.00039373
43.41667	1680	0.1032719	1.05E-01	3.16E+01		53	0.10401683		61	0.119717		10	0.019626		5	9.81291E-06		27	5.299E-05		77	0.000151119		194	0.00038074
43.5	1685	9.94E-02	1.01E-01	3.04E+01		53	0.10024451		61	0.115376		10	0.018914		5	9.45703E-06		27	5.1068E-05		77	0.000145838		194	0.00036693
43.58333	1690	9.56E-02	9.75E-02	2.93E+01		53	0.09644171		61	0.110999		10	0.018197		5	9.09827E-06		27	4.9131E-05		77	0.000140113		194	0.00035301
43.66667	1695	9.17E-02	9.37E-02	2.81E+01		53	0.09263869		61	0.10662		10	0.017479		5	8.73931E-06		27	4.7192E-05		77	0.000134585		194	0.00033909
43.75	1700	8.79E-02	8.98E-02	2.69E+01		53	0.08883007		61	0.102238		10	0.01676		5	8.3802E-06		27	4.5253E-05		77	0.000129055		194	0.00032515
43.83333	1705	8.41E-02	8.60E-02	2.58E+01		53	0.08504602		61	0.097883		10	0.016046		5	8.02321E-06		27	4.3325E-05		77	0.000123557		194	0.0003113
43.91667	1710	8.03E-02	8.22E-02	2.47E+01		53	0.08131417		61	0.093588		10	0.015342		5	7.67115E-06		27	4.1424E-05		77	0.000118136		194	0.00029764
43.91667	1715	8.03E-02	8.03E-02	2.41E+01		53	0.07945738		61	0.091451		10	0.014992		5	7.49598E-06		27	4.0478E-05		77	0.000115438		194	0.00029084

Conduit CSO 1006

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
6.66E+04	9.33	187.369593	445.376509	38.07	0.02	0.17	0.38	1.02

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
17.08333	0	2.14E-02			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
17.16667	5	0.2714647	1.46E-01	4.39E+01		80	0.2186028		761.5	2.080825		36.5	0.099738		7.5	2.0494E-05		172.5	0.000471362		283.5	0.000775		639	0.0017461
17.25	10	0.5027148	3.87E-01	1.16E+02		80	0.5778818		761.5	5.500712		36.5	0.263659		7.5	5.41764E-05		172.5	0.001246058		283.5	0.002048		639	0.0046158
17.33333	15	0.9001473	7.01E-01	2.10E+02	69	58	1.0471582	451	358.5	9.967637	24	17.5	0.477766	4	5.5	9.81711E-05	130	107	0.002257935	198	147.5	0.003711	446	410.5	0.0083642
17.41667	20	1.17032	1.04E+00	3.11E+02		58	1.120479		358.5	6.925719		17.5	0.338076		5.5	0.000106252		107	0.002067091		147.5	0.002849		410.5	0.0079303
17.5	25	1.375579	1.27E+00	3.82E+02		58	1.3777693		358.5	8.51604		17.5	0.415706		5.5	0.000130651		107	0.002541747		147.5	0.003504		410.5	0.0097513
17.58333	30	1.550131	1.46E+00	4.39E+02	47	42	1.5833124	266	238.5	9.786508	11	9.5	0.477724	7	5.5	0.000150142	84	69.5	0.002920938	97	90.5	0.004027	375	307	0.011206
17.66667	35	1.710179	1.63E+00	4.89E+02		42	1.2776607		238.5	7.255287		9.5	0.288995		5.5	0.000167313		69.5	0.002114224		90.5	0.002753		307	0.0093391
17.75	40	1.842551	1.78E+00	5.33E+02		42	1.3922551		238.5	7.90602		9.5	0.314915		5.5	0.000182319		69.5	0.002303851		90.5	0.003		307	0.0101767
17.83333	45	1.953582	1.90E+00	5.69E+02	37	32	1.4876407	211	192.5	8.447674	8	7	0.33649	4	3.5	0.00019481	55	57	0.002461691	84	101.5	0.003206	239	258.5	0.0108739
17.91667	50	2.054081	2.00E+00	6.01E+02		32	1.1965987		192.5	7.198289		7	0.261756		3.5	0.000130878		57	0.002131441		101.5	0.003795		258.5	0.0096663
18	55	2.140018	2.10E+00	6.29E+02		32	1.2522643		192.5	7.533152		7	0.273933		3.5	0.000136966		57	0.002230596		101.5	0.003972		258.5	0.0101159
18.08333	60	2.202396	2.17E+00	6.51E+02	27	32	1.2965478	174	166.5	7.799546	6	7	0.28362	3	2	0.00014181	59	70.5	0.002309476	119	102	0.004112	278	310	0.0104737
18.16667	65	2.249582	2.23E+00	6.68E+02		32	1.3292612		166.5	6.916312		7	0.290776		2	8.30788E-05		70.5	0.002928529		102	0.004237		310	0.0128772
18.25	70	2.280147	2.26E+00	6.79E+02		32	1.3524759		166.5	7.037101		7	0.295854		2	8.45297E-05		70.5	0.002979673		102	0.004311		310	0.0131021
18.33333	75	2.311021	2.30E+00	6.89E+02	37	37.5	1.3708202	159	138	7.132549	8	7	0.299867	1	3.5	8.56763E-05	82	65.5	0.003020088	85	81.5	0.004369	342	325.5	0.0132798
18.41667	80	2.330802	2.32E+00	6.96E+02		37.5	1.6241539		138	5.976886		7	0.303175		3.5	0.000151588		65.5	0.002836855		81.5	0.00353		325.5	0.0140977
18.5	85	2.351567	2.34E+00	7.02E+02		37.5	1.6383408		138	6.029094		7	0.305824		3.5	0.000152912		65.5	0.002861635		81.5	0.003561		325.5	0.0142208
18.58333	90	2.370735	2.36E+00	7.08E+02	38	29	1.6523132	117	110.5	6.080512	6	5.5	0.308432	6	8	0.000154216	49	36	0.00288604	78	66	0.003591	309	264	0.0143421
18.66667	95	2.450456	2.41E+00	7.23E+02		29	1.3045468		110.5	4.970773		5.5	0.247414		8	0.000359875		36	0.001619437		66	0.002969		264	0.0118759
18.75	100	2.449578	2.45E+00	7.35E+02		29	1.3258806		110.5	5.052062		5.5	0.25146		8	0.00036576		36	0.001645921		66	0.003018		264	0.0120701
18.83333	105	2.462757	2.46E+00	7.37E+02	20	28	1.3292091	104	111	5.064745	5	6	0.252091	10	7.5	0.000366678	23	37	0.001650053	54	50	0.003025	219	258	0.0121004
18.91667	110	2.503403	2.48E+00	7.45E+02		28	1.2974364		111	5.143409		6	0.278022		7.5	0.000347528		37	0.00171447		50	0.002317		258	0.0119549
19	115	2.502396	2.50E+00	7.51E+02		28	1.3077923		111	5.184462		6	0.280241		7.5	0.000350302		37	0.001728154		50	0.002335		258	0.0120504
19.08333	120	2.521563	2.51E+00	7.54E+02	36	35	1.3125367	118	142.5	5.20327	7	8	0.281258	5	5	0.000351572	51	53	0.001734423	46	51.5	0.002344	297	258	0.0120941
19.16667	125	2.543337	2.53E+00	7.60E+02		35	1.6540409		142.5	6.73431		8	0.378067		5	0.000236292		53	0.002504691		51.5	0.002434		258	0.0121926
19.25	130	2.555395	2.55E+00	7.65E+02		35	1.6650894		142.5	6.779293		8	0.380592		5	0.00023787		53	0.002521421		51.5	0.00245		258	0.0122741
19.33333	135	2.564328	2.56E+00	7.68E+02	34	29.5	1.6719445	167	126.5	6.807202	9	8	0.382159	5	4	0.000238849	55	56.5	0.002531802	57	60.5	0.00246	219	235.5	0.0123246
19.41667	140	2.573442	2.57E+00	7.71E+02		29.5	1.4141778		126.5	6.064186		8	0.383506		4	0.000191753		56.5	0.00270851		60.5	0.0029		235.5	0.0112895
19.5	145	2.573107	2.57E+00	7.72E+02		29.5	1.4165942		126.5	6.074548		8	0.384161		4	0.000192081		56.5	0.002713138		60.5	0.002905		235.5	0.0113087
19.58333	150	2.569515	2.57E+00	7.71E+02	25	27.5	1.4155133	86	107.5	6.069913	7	8	0.383868	3	3	0.000191934	58	59.5	0.002711068	64	64.5	0.002903	252	277	0.0113001
19.66667	155	2.570602	2.57E+00	7.71E+02		27.5	1.3189035		107.5	5.155714		8	0.383681		3	0.00014388		59.5	0.002853628		64.5	0.003093		277	0.013285
19.75	160	2.579955	2.58E+00	7.73E+02		27.5	1.3215823		107.5	5.166186		8	0.38446		3	0.000144173		59.5	0.002859424		64.5	0.0031		277	0.0133119
19.83333	165	2.593899	2.59E+00	7.76E+02	30	40.5	1.3275601	129	118	5.189553	9	9.5	0.386199	3	4	0.000144825	61	54	0.002872357	65	64	0.003114	302	269	0.0133722
19.91667	170	2.667846	2.63E+00	7.89E+02		40.5	1.9883469		118	5.793208		9.5	0.466402		4	0.00019638		54	0.002651129		64	0.003142		269	0.0132066
20	175	2.648246	2.66E+00	7.97E+02		40.5	2.008884		118	5.853045		9.5	0.47122		4	0.000198408		54	0.002678512		64	0.003175		269	0.013343
20.08333	180	2.644885	2.65E+00	7.94E+02	51	47	2.0002073	107	114	5.827764	10	9	0.469184	5	7	0.000197551	47	48	0.002666943	63	102.5	0.003161	236	271	0.0132853
20.16667	185	2.647143	2.65E+00	7.94E+02		47	2.3207445		114	5.62904		9	0.444398		7	0.000345643		48	0.002370122		102.5	0.005061		271	0.0133813
20.25	190	2.648699	2.65E+00	7.94E+02		47	2.3224171		114	5.633097		9	0.444718		7	0.000345892		48	0.00237183		102.5	0.005065		271	0.013391
20.33333	195	2.654877	2.65E+00	7.96E+02		47	2.3258087		114	5.641323		9	0.445368	9	7	0.000346397	49	42	0.002375294	142	140.5	0.005072	306	294	0.0134105
20.41667	200	2.658698	2.66E+00	7.97E+02		47	2.3301936		114	5.651959		9	0.446207		7	0.00034705		42	0.002082301		140.5	0.006966		294	0.0145761
20.5	205	2.662948	2.66E+00	7.98E+02		47	2.3337331		114	5.660544		9	0.446885		7	0.000347577		42	0.002085464		140.5	0.006976		294	0.0145982
20.58333	210	2.671192	2.67E+00	8.00E+02		47	2.3392121		114	5.673834		9	0.447934		7	0.000348393		42	0.00209036		140.5	0.006993		294	0.0146325
20.66667	215	2.676119	2.67E+00	8.02E+02		47	2.3449881		114	5.687843		9	0.44904		7	0.000349254		42	0.002095521		140.5	0.00701		294	0.0146686
20.75	220	2.680686	2.68E+00	8.04E+02		47	2.3491515		114	5.697942		9	0.449838		7	0.000349874		42	0.002099242		140.5	0.007022		294	0.0146947
20.83333	225	2.689382	2.69E+00	8.06E+02		47	2.3549678		114	5.71205		9	0.450951	5	4	0.00035074	35	37.5	0.002104439	139	120.5	0.00704	282	252.5	0.0147311
20.91667	230	2.697443	2.69E+00	8.08E+02		47	2.3623164		114	5.729874		9	0.452358		4	0.000201048		37.5	0.001884827		120.5	0.006057		252.5	0.0126912
21	235	2.701689	2.70E+00	8.10E+02		47	2.3677134		114	5.742965		9	0.453392		4	0.000201508		37.5	0.001889133		120.5	0.00607		252.5	0.0127202
21.08333	240	2.705386	2.70E+00	8.11E+02	43	48	2.3711967	121	91	5.751413	8	9	0.454059	3	4	0.000201804	40	37.5	0.001891912	102	120.5	0.006079	223	252.5	0.0127389
21.16667	245	2.702219	2.70E+00	8.11E+02		48	2.4218851		91	4.591491		9	0.454103		4	0.000201824		37.5	0.001892098		120.5	0.00608		252.5	0.0127401
21.25	250	2.687499	2.69E+00	8.08E+02		48	2.4138741		91	4.576303		9	0.452601		4	0.000201156		37.5	0.001885839		120.5	0.00606		252.5	0.012698
21.33333	255	2.673125	2.68E+00	8.04E+02		48	2.4008439		91	4.5516		9	0.450158	5	5	0.00020007	35	35	0.001875659	139	139	0.006027	282	282	0.0126294
21.41667	260	2.661468	2.67E+00	8.00E+02		48	2.3891855		91	4.529497		9	0.447972		5	0.000248873		35	0.001742114		139	0.006919		282	0.0140365
21.5	265	2.644756	2.65E+00	7.96E+02		48	2.3764799		91	4.50541		9	0.44559		5	0.00024755		35	0.00173285		139	0.006882		282	0.0139618
21.58333	270	2.631907	2.64E+00	7.91E+02		48	2.3632406		91	4.48031		9	0.443108	5	5	0.000246171	35	35	0.001723196	139	139	0.006844	282	282	0.013884
21.66667	275	2.618286	2.63E+00	7.88E+02		48	2.3513855		91	4.457835		9	0.440885		5	0.000244936		35	0.001714552		139	0.006809		282	0.0138144
21.75	280	2.601244	2.61E+00	7.83E+02		48	2.3376526		91	4.4318		9	0.43831		5	0.000243505		35	0.001704538		139	0.006789		282	0.0137337
21.83333	285	2.585767	2.59E+00	7.78E+02		48	2.3230884		91	4.404189		9	0.435579	5	4	0.000241988	35	33.5	0.001693919	139	96	0.006727	282	215	0.0136481
21.91667	290	2.573023	2.58E+00	7.74E+02		48	2.3104492		91	4.380227		9	0.433209		4	0.000192537		33.5	0.001612501		96	0.004621		215	0.0103489
22	295	2.561304	2.57E+00	7.70E+02		48	2.299493		91	4.359456		9	0.431155		4	0.000191624		33.5	0.001604855		96	0.004599		215	0.0102998
22.08333	300	2.543376	2.55E+00	7.66E+02	53	53	2.2862151	61	61	4.334283	10	10	0.428665	3	4	0.000190518	32	29.5	0.001595588	53	65	0.004572	148	171	0.0102403
22.16667	305	2.520568	2.53E+00	7.60E+02		53	2.5042178		61	2.882213		10	0.472494		4	0.000188998		29.5	0.001393857		65	0.003071		171	0.0080796

Conduit CSO 1006

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
6.66E+04	9.33	187.369593	445.376509	38.07	0.02	0.17	0.38	1.02

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
22.25	310	2.512356	2.52E+00	7.55E+02		53	2.4888778		61	2.864558		10	0.4696		4	0.00018784		29.5	0.001385319		65	0.003052		171	0.0080302
22.33333	315	2.504667	2.51E+00	7.53E+02		53	2.4810145		61	2.855507		10	0.468116	5	5	0.000187246	27	27	0.001380942	77	77	0.003043	194	194	0.0080048
22.41667	320	2.493655	2.50E+00	7.50E+02		53	2.4717665		61	2.844863		10	0.466371		5	0.000233186		27	0.001259202		77	0.003591		194	0.0090476
22.5	325	2.48708	2.49E+00	7.47E+02		53	2.4630694		61	2.834853		10	0.46473		5	0.000232365		27	0.001254771		77	0.003578		194	0.0090158
22.58333	330	2.474508	2.48E+00	7.44E+02		53	2.4536008		61	2.823956		10	0.462944		5	0.000231472		27	0.001249948		77	0.003565		194	0.0089811
22.66667	335	2.417646	2.45E+00	7.34E+02		53	2.4192644		61	2.784436		10	0.456465		5	0.000228232		27	0.001232455		77	0.003515		194	0.0088554
22.75	340	2.395561	2.41E+00	7.22E+02		53	2.3802235		61	2.739503		10	0.449099		5	0.000224549		27	0.001212567		77	0.003458		194	0.0087125
22.83333	345	2.329629	2.36E+00	7.09E+02		53	2.3366974		61	2.689406		10	0.440886	5	5	0.000220443	27	27	0.001190393	77	77	0.003395	194	194	0.0085532
22.91667	350	2.312996	2.32E+00	6.96E+02		53	2.2958675		61	2.642413		10	0.433183		5	0.000216591		27	0.001169593		77	0.003336		194	0.0084037
23	355	2.2844	2.30E+00	6.90E+02		53	2.2735008		61	2.616671		10	0.428962		5	0.000214481		27	0.001158199		77	0.003303		194	0.0083219
23.08333	360	2.257463	2.27E+00	6.81E+02		53	2.2460387		61	2.585063		10	0.423781		5	0.00021189		27	0.001144208		77	0.003263		194	0.0082213
23.16667	365	2.213855	2.24E+00	6.71E+02		53	2.2111529		61	2.544912		10	0.417199		5	0.000208599		27	0.001126436		77	0.003212		194	0.0080937
23.25	370	2.185428	2.20E+00	6.60E+02		53	2.1755302		61	2.503912		10	0.410477		5	0.000205239		27	0.001108289		77	0.003161		194	0.0079633
23.33333	375	2.136431	2.16E+00	6.48E+02		53	2.1372425		61	2.459845		10	0.403253		5	0.000201627		27	0.001088784		77	0.003105		194	0.0078231
23.41667	380	2.111925	2.12E+00	6.37E+02		53	2.1008938		61	2.41801		10	0.396395		5	0.000198198		27	0.001070267		77	0.003052		194	0.0076901
23.5	385	2.084506	2.09E+00	6.26E+02		53	2.0653256		61	2.377073		10	0.389684		5	0.000194842		27	0.001052147		77	0.003001		194	0.0075599
23.58333	390	2.026064	2.05E+00	6.14E+02		53	2.0228656		61	2.328204		10	0.381673		5	0.000190836		27	0.001030516		77	0.002939		194	0.0074045
23.66667	395	1.993841	2.01E+00	6.03E+02		53	1.9879204		61	2.287984		10	0.375079		5	0.00018754		27	0.001012714		77	0.002888		194	0.0072785
23.75	400	1.940721	1.97E+00	5.90E+02		53	1.9457167		61	2.23941		10	0.367116		5	0.000183558		27	0.000991214		77	0.002827		194	0.0071221
23.83333	405	1.894864	1.92E+00	5.75E+02		53	1.8967706		61	2.183076		10	0.357881		5	0.000178941		27	0.000966279		77	0.002756		194	0.0069429
23.91667	410	1.851174	1.87E+00	5.62E+02		53	1.8524879		61	2.132109		10	0.349526		5	0.000174763		27	0.00094372		77	0.002691		194	0.0067808
24	415	1.808967	1.83E+00	5.49E+02		53	1.8100102		61	2.083219		10	0.341511		5	0.000170756		27	0.000922081		77	0.00263		194	0.0066253
24.08333	420	1.766324	1.79E+00	5.36E+02		53	1.7680502		61	2.034926		10	0.333594		5	0.000166797		27	0.000900705		77	0.002569		194	0.0064717
24.16667	425	1.727869	1.75E+00	5.24E+02		53	1.7279457		61	1.988768		10	0.326027		5	0.000163014		27	0.000880274		77	0.00251		194	0.0063249
24.25	430	1.689412	1.71E+00	5.13E+02		53	1.6899113		61	1.944992		10	0.318851		5	0.000159426		27	0.000860898		77	0.002455		194	0.0061857
24.33333	435	1.647791	1.67E+00	5.01E+02		53	1.6503111		61	1.899415		10	0.311379		5	0.00015569		27	0.000840725		77	0.002398		194	0.0060408
24.41667	440	1.603678	1.63E+00	4.88E+02		53	1.607914		61	1.850618		10	0.30338		5	0.00015169		27	0.000819126		77	0.002336		194	0.0058856
24.5	445	1.562102	1.58E+00	4.75E+02		53	1.5655392		61	1.801847		10	0.295385		5	0.000147692		27	0.000797539		77	0.002274		194	0.0057305
24.58333	450	1.518809	1.54E+00	4.62E+02		53	1.5235698		61	1.753543		10	0.287466		5	0.000143733		27	0.000776158		77	0.002213		194	0.0055768
24.66667	455	1.472506	1.50E+00	4.49E+02		53	1.4792629		61	1.702548		10	0.279106		5	0.000139553		27	0.000753587		77	0.002149		194	0.0054147
24.75	460	1.422851	1.45E+00	4.34E+02		53	1.4318098		61	1.647932		10	0.270153		5	0.000135076		27	0.000729413		77	0.00208		194	0.005241
24.83333	465	1.372293	1.40E+00	4.19E+02		53	1.3822525		61	1.590894		10	0.260802		5	0.000130401		27	0.000704166		77	0.002008		194	0.0050596
24.91667	470	1.318714	1.35E+00	4.04E+02		53	1.3307548		61	1.531623		10	0.251086		5	0.000125543		27	0.000677932		77	0.001933		194	0.0048711
25	475	1.263871	1.29E+00	3.87E+02		53	1.277138		61	1.469914		10	0.240969		5	0.000120485		27	0.000650617		77	0.001855		194	0.0046748
25.08333	480	1.203832	1.23E+00	3.70E+02		53	1.2203267		61	1.404527		10	0.23025		5	0.000115125		27	0.000621676		77	0.001773		194	0.0044669
25.16667	485	1.140409	1.17E+00	3.52E+02		53	1.1592723		61	1.334257		10	0.218731		5	0.000109365		27	0.000590573		77	0.001684		194	0.0042434
25.25	490	1.071934	1.11E+00	3.32E+02		53	1.0940462		61	1.259185		10	0.206424		5	0.000103212		27	0.000557344		77	0.001589		194	0.0040048
25.33333	495	1.012179	1.04E+00	3.13E+02		53	1.030634		61	1.186201		10	0.194459		5	9.72296E-05		27	0.00052504		77	0.001497		194	0.0037725
25.41667	500	0.9492222	9.81E-01	2.94E+02		53	0.9699507		61	1.116358		10	0.18301		5	9.15048E-05		27	0.000494126		77	0.001409		194	0.0035504
25.5	505	0.8857126	9.17E-01	2.75E+02		53	0.9074106		61	1.044378		10	0.17121		5	8.56048E-05		27	0.000462266		77	0.001318		194	0.0033215
25.58333	510	0.8158699	8.51E-01	2.55E+02		53	0.8414653		61	0.968479		10	0.158767		5	7.93835E-05		27	0.000428671		77	0.001223		194	0.0030801
25.66667	515	0.74804	7.82E-01	2.35E+02		53	0.7733836		61	0.890121		10	0.145921		5	7.29607E-05		27	0.000393988		77	0.001124		194	0.0028309
25.75	520	0.678463	7.13E-01	2.14E+02		53	0.7054332		61	0.811914		10	0.133101		5	6.65503E-05		27	0.000359372		77	0.001025		194	0.0025822
25.83333	525	0.6063297	6.42E-01	1.93E+02		53	0.6353547		61	0.731257		10	0.119878		5	5.99391E-05		27	0.000323671		77	0.000923		194	0.0023256
25.91667	530	0.5349789	5.71E-01	1.71E+02		53	0.5643991		61	0.649591		10	0.10649		5	5.32452E-05		27	0.000287524		77	0.00082		194	0.0020659
26	535	0.4584101	4.97E-01	1.49E+02		53	0.49125		61	0.565401		10	0.092689		5	4.63443E-05		27	0.000250259		77	0.000714		194	0.0017982
26.08333	540	0.3794562	4.19E-01	1.26E+02		53	0.414341		61	0.476883		10	0.078178		5	3.90888E-05		27	0.000211079		77	0.000602		194	0.0015166
26.16667	545	0.2985906	3.39E-01	1.02E+02		53	0.3353072		61	0.38592		10	0.063266		5	3.16328E-05		27	0.000170817		77	0.000487		194	0.0012274
26.25	550	0.2074602	2.53E-01	7.59E+01		53	0.2502519		61	0.288026		10	0.047217		5	2.36087E-05		27	0.000127487		77	0.000364		194	0.000916
26.33333	555	0.1109469	1.59E-01	4.78E+01		53	0.1574584		61	0.181226		10	0.029709		5	1.48546E-05		27	8.02147E-05		77	0.000229		194	0.0005764
26.41667	560	3.64E-02	7.37E-02	2.21E+01		53	0.0728585		61	0.083856		10	0.013747		5	6.87344E-06		27	3.71166E-05		77	0.000106		194	0.0002667
26.5	565	3.89E-03	2.01E-02	6.04E+00		53	0.019916		61	0.022922		10	0.003758		5	1.87887E-06		27	1.01459E-05		77	2.89E-05		194	7.29E-05

Conduit CSO 1008

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
7.93E+04	7.17	216.26	513.00	43.61	0.02	0.21	0.46	1.24

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
16.91667	0	1.81E-02			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
17	5	8.32E-02	5.06E-02	1.52E+01		80	0.07559203		761.5	0.719542		36.5	0.034489		7.5	7.08675E-06		172.5	0.000163		283.5	0.000268		639	0.000604
17.08333	10	0.1793801	1.31E-01	3.94E+01		80	0.19598158		761.5	1.8655		36.5	0.089417		7.5	1.83733E-05		172.5	0.000423		283.5	0.000695		639	0.001585
17.16667	15	0.2695577	2.24E-01	6.73E+01	69	58	0.335107	451	358.5	3.1898	24	17.5	0.152893	4	5.5	3.14163E-05	130	107	0.000723	198	147.5	0.001188	446	410.5	0.002677
17.25	20	0.3641369	3.17E-01	9.51E+01		58	0.34293778		358.5	2.11971		17.5	0.103473		5.5	3.252E-05		107	0.000633		147.5	0.000872		410.5	0.002427
17.33333	25	0.4641085	4.14E-01	1.24E+02		58	0.44822323		358.5	2.770483		17.5	0.13524		5.5	4.25039E-05		107	0.000827		147.5	0.00114		410.5	0.003172
17.41667	30	0.5587534	5.11E-01	1.53E+02	47	42	0.55354424	266	238.5	3.421476	11	9.5	0.167018	7	5.5	5.24913E-05	84	69.5	0.001021	97	90.5	0.001408	375	307	0.003918
17.5	35	0.6478936	6.03E-01	1.81E+02		42	0.47286467		238.5	2.685196		9.5	0.106957		5.5	6.19228E-05		69.5	0.000782		90.5	0.001019		307	0.003456
17.58333	40	0.7413893	6.95E-01	2.08E+02		42	0.54443661		238.5	3.091622		9.5	0.123146		5.5	7.12953E-05		69.5	0.000901		90.5	0.001173		307	0.00398
17.66667	45	0.8483102	7.95E-01	2.38E+02	37	32	0.6229765	211	192.5	3.537617	8	7	0.140911	4	3.5	8.15803E-05	55	57	0.001031	84	101.5	0.001342	239	258.5	0.004554
17.75	50	0.9900224	9.19E-01	2.76E+02		32	0.54888505		192.5	3.301887		7	0.120069		3.5	6.00343E-05		57	0.000978		101.5	0.001741		258.5	0.004434
17.83333	55	1.202122	1.10E+00	3.29E+02		32	0.65452535		192.5	3.937379		7	0.143177		3.5	7.15887E-05		57	0.001166		101.5	0.002076		258.5	0.005287
17.91667	60	1.485634	1.34E+00	4.03E+02	27	32	0.80250391	174	166.5	4.827563	6	7	0.175548	3	2	8.77739E-05	59	70.5	0.001429	119	102	0.002545	278	310	0.006483
18	65	1.809104	1.65E+00	4.94E+02		32	0.98373518		166.5	5.118497		7	0.215192		2	6.14834E-05		70.5	0.002167		102	0.003136		310	0.00953
18.08333	70	2.071982	1.94E+00	5.82E+02		32	1.15880559		166.5	6.02941		7	0.253489		2	7.24253E-05		70.5	0.002553		102	0.003694		310	0.011226
18.16667	75	2.283943	2.18E+00	6.53E+02	37	37.5	1.30058191	159	138	6.76709	8	7	0.284502	1	3.5	8.12864E-05	82	65.5	0.002865	85	81.5	0.004146	342	325.5	0.012598
18.25	80	2.472494	2.38E+00	7.13E+02		37.5	1.66425685		138	6.124465		7	0.310661		3.5	0.000155331		65.5	0.002907		81.5	0.003617		325.5	0.014446
18.33333	85	2.64362	2.56E+00	7.67E+02		37.5	1.79010629		138	6.587591		7	0.334153		3.5	0.000167077		65.5	0.003127		81.5	0.00389		325.5	0.015538
18.41667	90	2.807518	2.73E+00	8.18E+02	38	29	1.90732975	117	110.5	7.018973	6	5.5	0.356035	6	8	0.000178017	49	36	0.003331	78	66	0.004145	309	264	0.016558
18.5	95	2.964252	2.89E+00	8.66E+02		29	1.5617602		110.5	5.950845		5.5	0.296196		8	0.00043083		36	0.001939		66	0.003554		264	0.014217
18.58333	100	3.113662	3.04E+00	9.12E+02		29	1.64459849		110.5	6.266487		5.5	0.311907		8	0.000453682		36	0.002042		66	0.003743		264	0.014972
18.66667	105	3.25915	3.19E+00	9.56E+02	20	28	1.72439376	104	111	6.570535	5	6	0.32704	10	7.5	0.000475695	23	37	0.002141	54	50	0.003824	219	258	0.015698
18.75	110	3.406047	3.33E+00	1.00E+03		28	1.74131908		111	6.903086		6	0.37314		7.5	0.000466425		37	0.002301		50	0.003109		258	0.016045
18.83333	115	3.555133	3.48E+00	1.04E+03		28	1.81864626		111	7.209633		6	0.38971		7.5	0.000487137		37	0.002403		50	0.003248		258	0.016758
18.91667	120	3.706868	3.63E+00	1.09E+03	36	35	1.89723738	118	142.5	7.521191	7	8	0.406551	5	5	0.000508189	51	53	0.002507	46	51.5	0.003388	297	258	0.017482
19	125	3.844935	3.78E+00	1.13E+03		35	2.46618717		142.5	10.0409		8	0.5637		5	0.000352312		53	0.003735		51.5	0.003629		258	0.018179
19.08333	130	3.985169	3.92E+00	1.17E+03		35	2.55707174		142.5	10.41093		8	0.584474		5	0.000365296		53	0.003872		51.5	0.003763		258	0.018849
19.16667	135	4.112987	4.05E+00	1.21E+03	34	29.5	2.6446093	167	126.5	10.76734	9	8	0.604482	5	4	0.000377801	55	56.5	0.004005	57	60.5	0.003891	219	235.5	0.019495
19.25	140	4.208795	4.16E+00	1.25E+03		29.5	2.29058118		126.5	9.822323		8	0.621175		4	0.000310587		56.5	0.004387		60.5	0.004698		235.5	0.016286
19.33333	145	4.276624	4.24E+00	1.27E+03		29.5	2.33562248		126.5	10.01547		8	0.633389		4	0.000316695		56.5	0.004473		60.5	0.00479		235.5	0.018645
19.41667	150	4.324223	4.30E+00	1.29E+03	25	27.5	2.36739418	86	107.5	10.15171	7	8	0.642005	3	3	0.000321003	58	59.5	0.004534	64	64.5	0.004855	252	277	0.018899
19.5	155	4.356403	4.34E+00	1.30E+03		27.5	2.22736339		107.5	8.706966		8	0.64796		3	0.000242985		59.5	0.004819		64.5	0.005224		277	0.022438
19.58333	160	4.376873	4.37E+00	1.31E+03		27.5	2.24087286		107.5	8.759776		8	0.65189		3	0.000244459		59.5	0.004848		64.5	0.005256		277	0.022572
19.66667	165	4.387143	4.38E+00	1.31E+03	30	40.5	2.24876044	129	118	8.790609	9	9.5	0.654185	3	4	0.000245319	61	54	0.004865	65	64	0.005274	302	269	0.022651
19.75	170	4.39199	4.39E+00	1.32E+03		40.5	3.31752336		118	9.665871		9.5	0.778184		4	0.000327657		54	0.004423		64	0.005243		269	0.022035
19.83333	175	4.489327	4.44E+00	1.33E+03		40.5	3.3561374		118	9.778376		9.5	0.787242		4	0.00033147		54	0.004475		64	0.005304		269	0.022291
19.91667	180	5.616184	5.05E+00	1.52E+03	51	47	3.81874483	107	114	11.12622	10	9	0.895755	5	7	0.00037716	47	48	0.005092	63	102.5	0.006035	236	271	0.025364
20	185	5.015085	5.32E+00	1.59E+03		47	4.66219359		114	11.3083		9	0.89276		7	0.000694369		48	0.004761		102.5	0.010168		271	0.026882
20.08333	190	4.823442	4.92E+00	1.48E+03		47	4.31454773		114	10.46507		9	0.82619		7	0.000642592		48	0.004406		102.5	0.009409		271	0.024877
20.16667	195	4.706707	4.77E+00	1.43E+03		47	4.17931289		114	10.13706		9	0.800294	9	7	0.000622451	49	42	0.004268	142	140.5	0.009114	306	294	0.024098
20.25	200	4.641191	4.67E+00	1.40E+03		47	4.09938927		114	9.9432		9	0.784989		7	0.000610547		42	0.003663		140.5	0.012255		294	0.025643
20.33333	205	4.597085	4.62E+00	1.39E+03		47	4.05131609		114	9.826596		9	0.775784		7	0.000603388		42	0.00362		140.5	0.012111		294	0.025342
20.41667	210	4.569131	4.58E+00	1.37E+03		47	4.01971519		114	9.749947		9	0.769733		7	0.000598681		42	0.003592		140.5	0.012016		294	0.025145
20.5	215	4.549947	4.56E+00	1.37E+03		47	3.99904348		114	9.699808		9	0.765774		7	0.000595602		42	0.003574		140.5	0.011955		294	0.025015
20.58333	220	4.5386	4.54E+00	1.36E+03		47	3.98565454		114	9.667332		9	0.76321		7	0.000593608		42	0.003562		140.5	0.011915		294	0.024932
20.66667	225	4.53557	4.54E+00	1.36E+03		47	3.97934971		114	9.65204		9	0.762003	5	4	0.000592669	35	37.5	0.003556	139	120.5	0.011896	282	252.5	0.024892
20.75	230	4.537376	4.54E+00	1.36E+03		47	3.97881294		114	9.650738		9	0.7619		4	0.000338622		37.5	0.003175		120.5	0.010201		252.5	0.021376
20.83333	235	4.542927	4.54E+00	1.36E+03		47	3.98203925		114	9.658563		9	0.762518		4	0.000338897		37.5	0.003177		120.5	0.010209		252.5	0.021393
20.91667	240	4.555675	4.55E+00	1.36E+03	43	48	3.99006402	121	91	9.678028	8	9	0.764055	3	4	0.00033958	40	37.5	0.003184	102	120.5	0.01023	223	252.5	0.021436
21	245	4.567866	4.56E+00	1.37E+03		48	4.08612834		91	7.746618		9	0.766149		4	0.000340511		37.5	0.003192		120.5	0.010258		252.5	0.021495
21.08333	250	4.579395	4.57E+00	1.37E+03		48	4.09675173		91	7.766758		9	0.768141		4	0.000341396		37.5	0.003201		120.5	0.010285		252.5	0.021551
21.16667	255	4.574622	4.58E+00	1.37E+03		48	4.09977752		91	7.772495		9	0.768708	5	5	0.000341648	35	35	0.003203	139	139	0.010292	282	282	0.021567
21.25	260	4.549331	4.56E+00	1.37E+03		48	4.08631286		91	7.746968		9	0.766184		5	0.000425658		35	0.00298		139	0.011833		282	0.024007
21.33333	265	4.497503	4.52E+00	1.36E+03		48	4.05177384		91	7.681488		9	0.759708		5	0.00042206		35	0.002954		139	0.011733		282	0.023804
21.41667	270	4.429444	4.46E+00	1.34E+03		48	3.99808047		91	7.579694		9	0.74964	5	5	0.000416467	35	35	0.002915	139	139	0.011578	282	282	0.023489

Conduit CSO 1008

Summary Statistics

Total Discharge

Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
7.93E+04	7.17	216.26	513.00	43.61	0.02	0.21	0.46	1.24

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
21.5	275	4.355014	4.39E+00	1.32E+03		48	3.93426442		91	7.45871		9	0.737675		5	0.000409819		35	0.002869		139	0.011393		282	0.023114
21.58333	280	4.272148	4.31E+00	1.29E+03		48	3.86381682		91	7.325153		9	0.724466		5	0.000402481		35	0.002817		139	0.011189		282	0.0227
21.66667	285	4.191776	4.23E+00	1.27E+03		48	3.79070798		91	7.186551		9	0.710758	5	4	0.000394865	35	33.5	0.002764	139	96	0.010977	282	215	0.02227
21.75	290	4.111068	4.15E+00	1.25E+03		48	3.71856565		91	7.049781		9	0.697231		4	0.00030988		33.5	0.002595		96	0.007437		215	0.016656
21.83333	295	4.034291	4.07E+00	1.22E+03		48	3.64803339		91	6.916063		9	0.684006		4	0.000304003		33.5	0.002546		96	0.007296		215	0.01634
21.91667	300	3.961873	4.00E+00	1.20E+03	53	53	3.58112438	61	61	6.789215	10	10	0.671461	3	4	0.000298427	32	29.5	0.002499	53	65	0.007162	148	171	0.01604
22	305	3.877942	3.92E+00	1.18E+03		53	3.87684058		61	4.462024		10	0.731479		4	0.000292592		29.5	0.002158		65	0.004755		171	0.012508
22.08333	310	3.720985	3.80E+00	1.14E+03		53	3.75781573		61	4.325033		10	0.709022		4	0.000283609		29.5	0.002092		65	0.004609		171	0.012124
22.16667	315	3.462226	3.59E+00	1.08E+03		53	3.55223616		61	4.088423		10	0.670233	5	5	0.000268093	27	27	0.001977	77	77	0.004357	194	194	0.011481
22.25	320	3.384819	3.42E+00	1.03E+03		53	3.3859956		61	3.897089		10	0.638867		5	0.000319434		27	0.001725		77	0.004919		194	0.012394
22.33333	325	3.336183	3.36E+00	1.01E+03		53	3.32366491		61	3.82535		10	0.627107		5	0.000313553		27	0.001693		77	0.004829		194	0.012166
22.41667	330	3.322046	3.33E+00	9.99E+02		53	3.29262245		61	3.789622		10	0.62125		5	0.000310625		27	0.001677		77	0.004784		194	0.012052
22.5	335	3.317856	3.32E+00	9.96E+02		53	3.2835594		61	3.779191		10	0.61954		5	0.00030977		27	0.001673		77	0.00477		194	0.012019
22.58333	340	3.31267	3.32E+00	9.95E+02		53	3.27892278		61	3.773855		10	0.618665		5	0.000309332		27	0.00167		77	0.004764		194	0.012002
22.66667	345	3.283929	3.30E+00	9.89E+02		53	3.26214523		61	3.754545		10	0.615499	5	5	0.00030775	27	27	0.001662	77	77	0.004739	194	194	0.011941
22.75	350	3.226965	3.26E+00	9.77E+02		53	3.21976246		61	3.705764		10	0.607502		5	0.000303751		27	0.00164		77	0.004678		194	0.011786
22.83333	355	3.131239	3.18E+00	9.54E+02		53	3.14425431		61	3.618859		10	0.593256		5	0.000296628		27	0.001602		77	0.004568		194	0.011509
22.91667	360	3.007064	3.07E+00	9.21E+02		53	3.03550903		61	3.493699		10	0.572738		5	0.000286369		27	0.001546		77	0.00441		194	0.011111
23	365	2.867492	2.94E+00	8.81E+02		53	2.90508106		61	3.343584		10	0.548129		5	0.000274064		27	0.00148		77	0.004221		194	0.010634
23.08333	370	2.711107	2.79E+00	8.37E+02		53	2.75872463		61	3.175136		10	0.520514		5	0.000260257		27	0.001405		77	0.004008		194	0.010098
23.16667	375	2.526613	2.62E+00	7.86E+02		53	2.5901534		61	2.98112		10	0.488708		5	0.000244354		27	0.00132		77	0.003763		194	0.009481
23.25	380	2.345862	2.44E+00	7.31E+02		53	2.40953271		61	2.773236		10	0.454629		5	0.000227314		27	0.001227		77	0.003501		194	0.00882
23.33333	385	2.190152	2.27E+00	6.80E+02		53	2.24314627		61	2.581734		10	0.423235		5	0.000211618		27	0.001143		77	0.003259		194	0.008211
23.41667	390	2.015767	2.10E+00	6.31E+02		53	2.07990793		61	2.393856		10	0.392435		5	0.000196218		27	0.00106		77	0.003022		194	0.007613
23.5	395	1.824904	1.92E+00	5.76E+02		53	1.89928577		61	2.18597		10	0.358356		5	0.000179178		27	0.000968		77	0.002759		194	0.006952
23.58333	400	1.62022	1.72E+00	5.17E+02		53	1.70368016		61	1.960839		10	0.321449		5	0.000160725		27	0.000868		77	0.002475		194	0.006236
23.66667	405	1.377816	1.50E+00	4.50E+02		53	1.48258653		61	1.706373		10	0.279733		5	0.000139867		27	0.000755		77	0.002154		194	0.005427
23.75	410	1.092651	1.24E+00	3.71E+02		53	1.2216935		61	1.4061		10	0.230508		5	0.000115254		27	0.000622		77	0.001775		194	0.004472
23.83333	415	0.7094979	9.01E-01	2.70E+02		53	0.89119733		61	1.025718		10	0.16815		5	8.40752E-05		27	0.000454		77	0.001295		194	0.003262
23.91667	420	0.3561684	5.33E-01	1.60E+02		53	0.52699251		61	0.606539		10	0.099433		5	4.97163E-05		27	0.000268		77	0.000766		194	0.001929
24	425	9.78E-02	2.27E-01	6.81E+01		53	0.22448864		61	0.258374		10	0.042356		5	2.11782E-05		27	0.000114		77	0.000326		194	0.000822
24.08333	430	5.83E-03	5.18E-02	1.55E+01		53	0.05124131		61	0.058976		10	0.009668		5	4.83409E-06		27	2.61E-05		77	7.44E-05		194	0.000188
	435		2.92E-03	8.75E-01		53	0.00288481		61	0.00332		10	0.000544		5	2.72151E-07		27	1.47E-06		77	4.19E-06		194	1.06E-05
	440		0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
	445		0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0

Conduit CSO 1009

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
7.12E+02	4.00	1.66	8.55	0.39	0.00	0.00	0.00	0.01

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
16.25	0	2.18E-04			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
16.33333	5	7.04E-03	3.63E-03	1.09E+00		80	0.005415		761.5	0.05154		36.5	0.00247		7.5	5.07621E-07		172.5	1.16753E-05		283.5	1.91881E-05		639	4.32493E-05
16.41667	10	2.06E-02	1.38E-02	4.14E+00		80	0.020619		761.5	0.196268		36.5	0.009407		7.5	1.93304E-06		172.5	4.446E-05		283.5	7.3069E-05		639	0.000164695
16.5	15	3.91E-02	2.99E-02	8.96E+00	69	58	0.044584	451	358.5	0.42438	24	17.5	0.020341	4	5.5	4.17971E-06	130	107	9.61334E-05	198	147.5	0.000157993	446	410.5	0.000358112
16.58333	20	5.96E-02	4.94E-02	1.48E+01		58	0.053422		358.5	0.330201		17.5	0.016119		5.5	5.06585E-06		107	9.85538E-05		147.5	0.000135857		410.5	0.000378098
16.66667	25	7.74E-02	6.85E-02	2.05E+01		58	0.074109		358.5	0.458071		17.5	0.022361		5.5	7.02759E-06		107	0.000136719		147.5	0.000188467		410.5	0.000524514
16.75	30	9.19E-02	8.46E-02	2.54E+01	47	42	0.091603	266	238.5	0.566199	11	9.5	0.027639	7	5.5	8.68646E-06	84	69.5	0.000168991	97	90.5	0.000232955	375	307	0.000648326
16.83333	35	0.1067792	9.93E-02	2.98E+01		42	0.077859		238.5	0.442126		9.5	0.017611		5.5	1.01958E-05		69.5	0.000128837		90.5	0.000167767		307	0.00056911
16.91667	40	0.1218009	1.14E-01	3.43E+01		42	0.089577		238.5	0.508668		9.5	0.020261		5.5	1.17303E-05		69.5	0.000148228		90.5	0.000193016		307	0.000654763
17	45	0.136166	1.29E-01	3.87E+01	37	32	0.101093	211	192.5	0.574063	8	7	0.022866	4	3.5	1.32384E-05	55	57	0.000167285	84	101.5	0.000217831	239	258.5	0.000738941
17.08333	50	0.1447762	1.40E-01	4.21E+01		32	0.083883		192.5	0.504609		7	0.018349		3.5	9.17471E-06		57	0.000149417		101.5	0.000266067		258.5	0.000677618
17.16667	55	0.1463401	1.46E-01	4.37E+01		32	0.086921		192.5	0.522883		7	0.019014		3.5	9.50697E-06		57	0.000154828		101.5	0.000275702		258.5	0.000702157
17.25	60	0.1430904	1.45E-01	4.34E+01	27	32	0.086417	174	166.5	0.519855	6	7	0.018904	3	2	9.45191E-06	59	70.5	0.000153931	119	102	0.000274105	278	310	0.000698091
17.33333	65	0.1376203	1.40E-01	4.21E+01		32	0.083814		166.5	0.436094		7	0.018334		2	5.23837E-06		70.5	0.000184653		102	0.000287157		310	0.000811948
17.41667	70	0.1317902	1.35E-01	4.04E+01		32	0.08044		166.5	0.418539		7	0.017596		2	5.0275E-06		70.5	0.000177219		102	0.000256402		310	0.000779262
17.5	75	0.1263696	1.29E-01	3.87E+01	37	37.5	0.077081	159	138	0.401061	8	7	0.016861	1	3.5	4.81755E-06	82	65.5	0.000169819	85	81.5	0.000245695	342	325.5	0.00074672
17.58333	80	0.1208476	1.24E-01	3.71E+01		37.5	0.0865		138	0.318321		7	0.016147		3.5	8.07336E-06		65.5	0.000151087		81.5	0.000176897		325.5	0.000750822
17.66667	85	0.111777	1.16E-01	3.49E+01		37.5	0.081394		138	0.299531		7	0.015194		3.5	7.59681E-06		65.5	0.000142169		81.5	0.000176897		325.5	0.000706503
17.75	90	0.1000179	1.06E-01	3.18E+01	38	29	0.074106	117	110.5	0.272711	6	5.5	0.013833	6	8	6.91657E-06	49	36	0.000129439	78	66	0.000161057	309	264	0.000643241
17.83333	95	8.62E-02	9.31E-02	2.79E+01		29	0.050397		110.5	0.192029		5.5	0.009558		8	1.39025E-05		36	6.25615E-05		66	0.000114696		264	0.000458784
17.91667	100	7.21E-02	7.91E-02	2.37E+01		29	0.042833		110.5	0.16321		5.5	0.008124		8	1.18161E-05		36	5.31726E-05		66	9.7483E-05		264	0.000389932
18	105	5.62E-02	6.41E-02	1.92E+01	20	28	0.0347	104	111	0.13222	5	6	0.006581	10	7.5	9.57248E-06	23	37	4.30762E-05	54	50	7.8973E-05	219	258	0.000315892
18.08333	110	4.54E-02	5.08E-02	1.52E+01		28	0.026538		111	0.105206		6	0.005687		7.5	7.10852E-06		37	3.50687E-05		50	4.73902E-05		258	0.000244533
18.16667	115	3.79E-02	4.16E-02	1.25E+01		28	0.021759		111	0.086258		6	0.004663		7.5	5.82822E-06		37	2.87526E-05		50	3.88548E-05		258	0.000200491
18.25	120	3.16E-02	3.47E-02	1.04E+01	36	35	0.018155	118	142.5	0.071973	7	8	0.00389	5	5	4.86307E-06	51	53	2.39911E-05	46	51.5	3.24205E-05	297	258	0.00016729
18.33333	125	2.62E-02	2.89E-02	8.68E+00		35	0.018892		142.5	0.076919		8	0.004318		5	2.69892E-06		53	2.86086E-05		51.5	2.77989E-05		258	0.000139264
18.41667	130	2.14E-02	2.38E-02	7.14E+00		35	0.015547		142.5	0.0633		8	0.003554		5	2.22104E-06		53	2.3543E-05		51.5	2.28767E-05		258	0.000114606
18.5	135	1.70E-02	1.92E-02	5.75E+00	34	29.5	0.012526	167	126.5	0.050999	9	8	0.002863	5	4	1.78945E-06	55	56.5	1.89682E-05	57	60.5	1.84314E-05	219	235.5	9.23357E-05
18.58333	140	1.32E-02	1.51E-02	4.53E+00		29.5	0.008311		126.5	0.035638		8	0.002254		4	1.12688E-06		56.5	1.59172E-05		60.5	1.70441E-05		235.5	6.63451E-05
18.66667	145	1.01E-02	1.17E-02	3.50E+00		29.5	0.006425		126.5	0.027551		8	0.001742		4	8.71165E-07		56.5	1.23052E-05		60.5	1.31784E-05		235.5	5.12898E-05
18.75	150	7.74E-03	8.94E-03	2.68E+00	25	27.5	0.00492	86	107.5	0.021096	7	8	0.001334	3	3	6.67076E-07	58	59.5	9.42245E-06	64	64.5	1.00895E-05	252	277	3.92741E-05
18.83333	155	6.09E-03	6.91E-03	2.07E+00		27.5	0.003548		107.5	0.013871		8	0.001032		3	3.87088E-07		59.5	7.67725E-06		64.5	8.3224E-06		277	3.57411E-05
18.91667	160	5.82E-03	5.95E-03	1.79E+00		27.5	0.003056		107.5	0.011946		8	0.000889		3	3.33365E-07		59.5	6.61173E-06		64.5	7.16734E-06		277	3.07807E-05
19	165	8.15E-03	6.98E-03	2.10E+00	30	40.5	0.003584	129	118	0.01401	9	9.5	0.001043	3	4	3.90983E-07	61	54	7.7545E-06	65	64	8.40614E-06	302	289	3.61008E-05
19.08333	170	8.93E-03	8.54E-03	2.56E+00		40.5	0.006452		118	0.0188		9.5	0.001514		4	6.37276E-07		54	8.60323E-06		64	1.01984E-05		289	4.28568E-05
19.16667	175	8.81E-03	8.87E-03	2.66E+00		40.5	0.006701		118	0.019523		9.5	0.001572		4	6.61806E-07		54	8.93439E-06		64	1.05889E-05		289	4.45065E-05
19.25	180	8.60E-03	8.70E-03	2.61E+00	51	47	0.006576	107	114	0.01916	10	9	0.001543	5	7	6.49489E-07	47	48	8.7681E-06	63	102.5	1.03918E-05	236	271	4.36781E-05
19.33333	185	8.23E-03	8.42E-03	2.52E+00		47	0.007381		114	0.017903		9	0.001413		7	1.0993E-06		48	7.53807E-06		102.5	1.60969E-05		271	4.25587E-05
19.41667	190	6.39E-03	7.31E-03	2.19E+00		47	0.006414		114	0.015558		9	0.001228		0	9.55301E-07		0	6.55064E-06		0	1.39883E-05		0	3.69838E-05
19.5	195	3.92E-03	5.16E-03	1.55E+00		47	0.004523		114	0.010972		9	0.000866	9	7	0	49	42	0	142	140.5	0	306	294	0
19.58333	200	1.87E-03	2.90E-03	8.69E-01		47	0.002541		114	0.006163		9	0.000487		7	3.78439E-07		42	2.27063E-06		140.5	7.59581E-06		294	1.58944E-05
19.66667	205	5.33E-04	1.20E-03	3.61E-01		47	0.001054		114	0.002557		9	0.000202		7	1.57029E-07		42	9.42171E-07		140.5	3.15179E-06		294	6.5952E-06
19.75	210	0	2.67E-04	8.00E-02		47	0.000234		114	0.000567		9	4.48E-05		7	3.4823E-08		42	2.08938E-07		140.5	6.98947E-07		294	1.46257E-06
19.83333	215	0	0.00E+00	0.00E+00		47	0		114	0		9	0		7	0		42	0		140.5	0		294	0
19.91667	220	2.83E-02	1.42E-02	4.25E+00		47	0.012424		114	0.030134		9	0.002379		7	1.85033E-06		42	1.1102E-05		140.5	3.71388E-05		294	7.77139E-05
20	225	1.78E-02	2.31E-02	6.92E+00		47	0.020218		114	0.049039		9	0.003872	5	4	3.01119E-06	35	37.5	1.80672E-05	139	120.5	6.0439E-05	282	252.5	0.00012647
20.08333	230	8.57E-03	1.32E-02	3.95E+00		47	0.011554		114	0.028025		9	0.002212		4	9.83319E-07		37.5	9.21861E-06		120.5	2.96225E-05		252.5	6.2072E-05
20.16667	235	3.47E-03	6.02E-03	1.81E+00		47	0.00528		114	0.012806		9	0.001011		4	4.49346E-07		37.5	4.21261E-06		120.5	1.35365E-05		252.5	2.83649E-05
20.25	240	9.54E-04	2.21E-03	6.63E-01	43	43	0.001939	121	121	0.004702	8	8	0.000371	3	3	1.64982E-07	40	40	1.54671E-06	102	102	4.9701E-06	223	223	1.04145E-05

Conduit CSO 1010

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
-103.70	4.33	-0.24	-1.24	-0.06	0.00	0.00	0.00	0.00

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
16.5	0	-1.57E-03			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
16.58333	5	-3.31E-03	-2.44E-03	-7.31E-01		80	-0.003639		761.5	-0.034637		36.5	-0.00166		7.5	-3.41137E-07		172.5	-7.85E-06		283.5	-1.2895E-05		639	-2.91E-05
16.66667	10	-5.14E-03	-4.23E-03	-1.27E+00		80	-0.006308		761.5	-0.060047		36.5	-0.002878		7.5	-5.91405E-07		172.5	-1.36E-05		283.5	-2.23551E-05		639	-5.04E-05
16.75	15	-6.93E-03	-6.03E-03	-1.81E+00	69	58	-0.009009	451	358.5	-0.085753	24	17.5	-0.00411	4	5.5	-8.44581E-07	130	107	-1.94E-05	198	147.5	-3.19252E-05	446	410.5	-7.2E-05
16.83333	20	-8.57E-03	-7.75E-03	-2.32E+00		58	-0.008386		358.5	-0.051831		17.5	-0.00253		5.5	-7.9518E-07		107	-1.55E-05		147.5	-2.13253E-05		410.5	-5.93E-05
16.91667	25	-1.00E-02	-9.30E-03	-2.79E+00		58	-0.010067		358.5	-0.062224		17.5	-0.003037		5.5	-9.5462E-07		107	-1.86E-05		147.5	-2.56012E-05		410.5	-7.12E-05
17	30	-1.13E-02	-1.07E-02	-3.20E+00	47	42	-0.011554	266	238.5	-0.071413	11	9.5	-0.003486	7	5.5	-1.09559E-06	84	69.5	-2.13E-05	97	90.5	-2.93818E-05	375	307	-8.18E-05
17.08333	35	-1.24E-02	-1.19E-02	-3.56E+00		42	-0.009295		238.5	-0.052783		9.5	-0.002102		5.5	-1.21722E-06		69.5	-1.54E-05		90.5	-2.00288E-05		307	-6.79E-05
17.16667	40	-1.33E-02	-1.29E-02	-3.86E+00		42	-0.01008		238.5	-0.057242		9.5	-0.00228		5.5	-1.32006E-06		69.5	-1.67E-05		90.5	-2.17209E-05		307	-7.37E-05
17.25	45	-1.41E-02	-1.37E-02	-4.11E+00	37	32	-0.01074	211	192.5	-0.060987	8	7	-0.002429	4	3.5	-1.40641E-06	55	57	-1.78E-05	84	101.5	-2.31419E-05	239	258.5	-7.85E-05
17.33333	50	-1.47E-02	-1.44E-02	-4.32E+00		32	-0.008599		192.5	-0.051727		7	-0.001881		3.5	-9.40494E-07		57	-1.53E-05		101.5	-2.72743E-05		258.5	-6.95E-05
17.41667	55	-1.52E-02	-1.50E-02	-4.49E+00		32	-0.008939		192.5	-0.053776		7	-0.001955		3.5	-9.77748E-07		57	-1.59E-05		101.5	-2.83547E-05		258.5	-7.22E-05
17.5	60	-1.57E-02	-1.54E-02	-4.63E+00	27	32	-0.009219	174	166.5	-0.05546	6	7	-0.002017	3	2	-1.00836E-06	59	70.5	-1.64E-05	119	102	-2.92425E-05	278	310	-7.45E-05
17.58333	65	-1.59E-02	-1.58E-02	-4.73E+00		32	-0.009408		166.5	-0.048949		7	-0.002058		2	-5.87972E-07		70.5	-2.07E-05		102	-2.99866E-05		310	-9.11E-05
17.66667	70	-1.51E-02	-1.55E-02	-4.65E+00		32	-0.009249		166.5	-0.048123		7	-0.002023		2	-5.78058E-07		70.5	-2.04E-05		102	-2.9481E-05		310	-8.96E-05
17.75	75	-1.40E-02	-1.45E-02	-4.36E+00	37	37.5	-0.008681	159	138	-0.045169	8	7	-0.001899	1	3.5	-5.42575E-07	82	65.5	-1.91E-05	85	81.5	-2.76713E-05	342	325.5	-8.41E-05
17.83333	80	-1.27E-02	-1.34E-02	-4.01E+00		37.5	-0.009343		138	-0.034384		7	-0.001744		3.5	-8.72049E-07		65.5	-1.63E-05		81.5	-2.03063E-05		325.5	-8.11E-05
17.91667	85	-1.17E-02	-1.22E-02	-3.66E+00		37.5	-0.008538		138	-0.03142		7	-0.001594		3.5	-7.96877E-07		65.5	-1.49E-05		81.5	-1.85558E-05		325.5	-7.41E-05
18	90	-1.07E-02	-1.12E-02	-3.35E+00	38	29	-0.007825	117	110.5	-0.028794	6	5.5	-0.001461	6	8	-7.3029E-07	49	36	-1.37E-05	78	66	-1.70053E-05	309	264	-6.79E-05
18.08333	95	-9.93E-03	-1.03E-02	-3.10E+00		29	-0.005584		110.5	-0.021276		5.5	-0.001059		8	-1.54032E-06		36	-6.93E-06		66	-1.27076E-05		264	-5.08E-05
18.16667	100	-9.28E-03	-9.61E-03	-2.88E+00		29	-0.005198		110.5	-0.019807		5.5	-0.000986		8	-1.434E-06		36	-6.45E-06		66	-1.18305E-05		264	-4.73E-05
18.25	105	-8.76E-03	-9.02E-03	-2.71E+00	20	28	-0.004882	104	111	-0.018604	5	6	-0.000926	10	7.5	-1.34689E-06	23	37	-6.06E-06	54	50	-1.11118E-05	219	258	-4.44E-05
18.33333	110	-8.34E-03	-8.55E-03	-2.56E+00		28	-0.004466		111	-0.017706		6	-0.000957		7.5	-1.19634E-06		37	-5.9E-06		50	-7.97562E-06		258	-4.12E-05
18.41667	115	-8.00E-03	-8.17E-03	-2.45E+00		28	-0.004267		111	-0.016915		6	-0.000914		7.5	-1.14294E-06		37	-5.64E-06		50	-7.61957E-06		258	-3.93E-05
18.5	120	-7.72E-03	-7.86E-03	-2.36E+00	36	35	-0.004106	118	142.5	-0.016279	7	8	-0.00088	5	5	-1.09993E-06	51	53	-5.43E-06	46	51.5	-7.33284E-06	297	258	-3.78E-05
18.58333	125	-7.50E-03	-7.61E-03	-2.28E+00		35	-0.004971		142.5	-0.02024		8	-0.001136		5	-7.10181E-07		53	-7.53E-06		51.5	-7.31487E-06		258	-3.66E-05
18.66667	130	-7.32E-03	-7.41E-03	-2.22E+00		35	-0.004841		142.5	-0.019708		8	-0.001106		5	-6.91508E-07		53	-7.33E-06		51.5	-7.12254E-06		258	-3.57E-05
18.75	135	-7.17E-03	-7.25E-03	-2.17E+00	34	29.5	-0.004734	167	126.5	-0.019274	9	8	-0.001082	5	4	-6.7627E-07	55	56.5	-7.17E-06	57	60.5	-6.96558E-06	219	235.5	-3.49E-05
18.83333	140	-7.06E-03	-7.12E-03	-2.13E+00		29.5	-0.003917		126.5	-0.016798		8	-0.001062		4	-5.31168E-07		56.5	-7.5E-06		60.5	-8.03391E-06		235.5	-3.13E-05
18.91667	145	-6.96E-03	-7.01E-03	-2.10E+00		29.5	-0.003858		126.5	-0.016545		8	-0.001046		4	-5.23162E-07		56.5	-7.39E-06		60.5	-7.91283E-06		235.5	-3.08E-05
19	150	-6.88E-03	-6.92E-03	-2.08E+00	25	27.5	-0.00381	86	107.5	-0.016338	7	8	-0.001033	3	3	-5.16604E-07	58	59.5	-7.3E-06	64	64.5	-7.81363E-06	252	277	-3.04E-05
19.08333	155	-6.73E-03	-6.80E-03	-2.04E+00		27.5	-0.003492		107.5	-0.013651		8	-0.001016		3	-3.80959E-07		59.5	-7.56E-06		64.5	-8.19061E-06		277	-3.52E-05
19.16667	160	-6.00E-03	-6.37E-03	-1.91E+00		27.5	-0.003267		107.5	-0.012771		8	-0.00095		3	-3.56401E-07		59.5	-7.07E-06		64.5	-7.66261E-06		277	-3.29E-05
19.25	165	-5.04E-03	-5.52E-03	-1.66E+00	30	40.5	-0.002835	129	118	-0.011081	9	9.5	-0.000825	3	4	-3.09235E-07	61	54	-6.13E-06	65	64	-6.64854E-06	302	269	-2.86E-05
19.33333	170	-4 12E-03	-4.58E-03	-1.37E+00		40.5	-0.003462		118	-0.010086		9.5	-0.000812		4	-3.41905E-07		54	-4.62E-06		64	-5.47048E-06		269	-2.3E-05
19.41667	175	-3.33E-03	-3.72E-03	-1.12E+00		40.5	-0.002813		118	-0.008196		9.5	-0.00066		4	-2.77844E-07		54	-3.75E-06		64	-4.44551E-06		269	-1.87E-05
19.5	180	-2.68E-03	-3.00E-03	-9.01E-01	51	47	-0.002271	107	114	-0.006616	10	9	-0.000533	5	7	-2.24259E-07	47	48	-3.03E-06	63	102.5	-3.58814E-06	236	271	-1.51E-05
19.58333	185	-2.17E-03	-2.43E-03	-7.28E-01		47	-0.002129		114	-0.005164		9	-0.000408		7	-3.17117E-07		48	-2.17E-06		102.5	-4.6435E-06		271	-1.23E-05
19.66667	190	-1.77E-03	-1.97E-03	-5.92E-01		47	-0.00173		114	-0.004196		9	-0.000331		7	-2.57677E-07		48	-1.77E-06		102.5	-3.77313E-06		271	-9.98E-06
19.75	195	-1.46E-03	-1.61E-03	-4.84E-01		47	-0.001415		114	-0.003433		9	-0.000271	9	7	-2.10794E-07	49	42	-1.45E-06	142	140.5	-3.08663E-06	306	294	-8.16E-06
19.83333	200	-1.20E-03	-1.33E-03	-3.98E-01		47	-0.001165		114	-0.002825		9	-0.000223		7	-1.7349E-07		42	-1.04E-06		140.5	-3.48219E-06		294	-7.29E-06
19.91667	205	-9.98E-04	-1.10E-03	-3.30E-01		47	-0.000964		114	-0.002339		9	-0.000185		7	-1.43643E-07		42	-8.62E-07		140.5	-2.88312E-06		294	-6.03E-06
20	210	-8.31E-04	-9.15E-04	-2.74E-01		47	-0.000802		114	-0.001946		9	-0.000154		7	-1.19479E-07		42	-7.17E-07		140.5	-2.39811E-06		294	-5.02E-06
20.08333	215	-6.90E-04	-7.60E-04	-2.28E-01		47	-0.000667		114	-0.001618		9	-0.000128		7	-9.93402E-08		42	-5.96E-07		140.5	-1.9939E-06		294	-4.17E-06
20.16667	220	-5.70E-04	-6.30E-04	-1.89E-01		47	-0.000553		114	-0.001341		9	-0.000106		7	-8.23247E-08		42	-4.94E-07		140.5	-1.65237E-06		294	-3.46E-06
20.25	225	-4.64E-04	-5.17E-04	-1.55E-01		47	-0.000454		114	-0.0011		9	-8.69E-05	5	4	-6.75692E-08	35	37.5	-4.05E-07	139	120.5	-1.35621E-06	282	252.5	-2.84E-06
20.33333	230	-3.68E-04	-4.16E-04	-1.25E-01		47	-0.000365		114	-0.000885		9	-6.98E-05		4	-3.10404E-08		37.5	-2.91E-07		120.5	-9.35091E-07		252.5	-1.96E-06
20.41667	235	-2.74E-04	-3.21E-04	-9.62E-02		47	-0.000281		114	-0.000682		9	-5.39E-05		4	-2.39445E-08		37.5	-2.24E-07		120.5	-7.21328E-07		252.5	-1.51E-06
20.5	240	-1.74E-04	-2.24E-04	-6.72E-02	43	48	-0.000196	121	91	-0.000476	8	9	-3.76E-05	3	4	-1.67103E-08	40	37.5	-1.57E-07	102	120.5	-5.03396E-07	223	252.5	-1.05E-06
20.58333	245	-1 50E-04	-1.62E-04	-4.85E-02		48	-0.000145		91	-0.000274		9	-2.71E-05		4	-1.20653E-08		37.5	-1.13E-07		120.5	-3.63466E-07		252.5	-7.62E-07
20.66667	250	-1 07E-04	-1.28E-04	-3.85E-02		48	-0.000115		91	-0.000218		9	-2.16E-05		4	-9.5802E-09		37.5	-8.98E-08		120.5	-2.88603E-07		252.5	-6.05E-07
20.75	255	-6.63E-05	-8.67E-05	-2.60E-02		48	-7.76E-05		91	-0.000147		9	-1.46E-05	5	5	-6.46945E-09	35	35	-6.07E-08	139	139	-1.94892E-07	282	282	-4.08E-07
20.83333	260	-3.05E-05	-4.84E-05	-1.45E-02		48	-4.34E-05		91	-8.22E-05		9	-8.13E-06		5	-4.51572E-09		35	-3.16E-08		139	-1.25537E-07		282	-2.55E-07
	265		-1.53E-05	-4.58E-03		48	-1.37E-05		91	-2.59E-05		9	-2.56E-06		5	-1.42488E-09		35	-9.97E-09		139	-3.96117E-08		282	-8.04E-08

Conduit CSO 1010

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
-103.70	4.33	-0.24	-1.24	-0.06	0.00	0.00	0.00	0.00

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
	270		0.00E+00	0.00E+00		48	0		91	0			9	0	5	5	0	35	35	0	139	139	0	282	282	0
	275		0.00E+00	0.00E+00		48	0		91	0			9	0		5	0		35	0		139	0		282	0
	280		0.00E+00	0.00E+00		48	0		91	0			9	0		5	0		35	0		139	0		282	0
	285		0.00E+00	0.00E+00		48	0		91	0			9	0	5	4	0	35	33.5	0	139	96	0	282	215	0
	290		0.00E+00	0.00E+00		48	0		91	0			9	0		4	0		33.5	0		96	0		215	0
	295		0.00E+00	0.00E+00		48	0		91	0			9	0		4	0		33.5	0		96	0		215	0
	300		0.00E+00	0.00E+00	53	53	0	61	61	0	10	10	0	3	3	0	32	32	0	53	53	0	148	148	0

Conduit CSO 1011

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
3.56E+02	9.67	0.82	2.75	0.18	0.00	0.00	0.00	0.01

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
14.58333	0	6.53E-05			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
14.66667	5	4.28E-04	2.47E-04	7.40E-02		80	0.0003682		761.5	0.003505		36.5	0.000168		7.5	3.45159E-08		172.5	7.93865E-07		283.5	1.3047E-06		639	2.94075E-06
14.75	10	1.18E-03	8.03E-04	2.41E-01		80	0.0011994		761.5	0.011417		36.5	0.000547		7.5	1.12446E-07		172.5	2.58625E-06		283.5	4.25045E-06		639	9.58038E-06
14.83333	15	2.31E-03	1.74E-03	5.23E-01	69	58	0.0026008	451	358.5	0.024756	24	17.5	0.001187	4	5.5	2.43823E-07	130	107	5.60794E-06	198	147.5	9.21653E-06	446	410.5	2.07738E-05
14.91667	20	3.63E-03	2.97E-03	8.91E-01		58	0.0032141		358.5	0.019867		17.5	0.00097		5.5	3.04787E-07		107	5.92949E-06		147.5	8.17382E-06		410.5	2.27482E-05
15	25	4.88E-03	4.26E-03	1.28E+00		58	0.0046072		358.5	0.028477		17.5	0.00139		5.5	4.36888E-07		107	8.49947E-06		147.5	1.17166E-05		410.5	3.26078E-05
15.08333	30	5.94E-03	5.41E-03	1.62E+00	47	42	0.0058535	266	238.5	0.036181	11	9.5	0.001766	7	5.5	5.55071E-07	84	69.5	1.07987E-05	97	90.5	1.4886E-05	375	307	4.14285E-05
15.16667	35	7.08E-03	6.51E-03	1.95E+00		42	0.0051003		238.5	0.028962		9.5	0.001154		5.5	6.67891E-07		69.5	8.43971E-06		90.5	1.09898E-05		307	3.72805E-05
15.25	40	8.56E-03	7.82E-03	2.35E+00		42	0.0061282		238.5	0.0348		9.5	0.001386		5.5	8.02508E-07		69.5	1.01408E-05		90.5	1.32049E-05		307	4.47946E-05
15.33333	45	1.05E-02	9.52E-03	2.86E+00	37	32	0.00746	211	192.5	0.042362	8	7	0.001687	4	3.5	9.76907E-07	55	57	1.23446E-05	84	101.5	1.60746E-05	239	258.5	5.45292E-05
15.41667	50	1.22E-02	1.14E-02	3.41E+00		32	0.0067836		192.5	0.040808		7	0.001484		3.5	7.41958E-07		57	1.20833E-05		101.5	2.15168E-05		258.5	5.47989E-05
15.5	55	1.38E-02	1.30E-02	3.90E+00		32	0.0077674		192.5	0.046726		7	0.001699		3.5	8.49558E-07		57	1.38357E-05		101.5	2.46372E-05		258.5	6.27459E-05
15.58333	60	1.52E-02	1.45E-02	4.35E+00	27	32	0.0086548	174	166.5	0.052064	6	7	0.001893	3	2	9.4662E-07	59	70.5	1.54164E-05	119	102	2.7452E-05	278	310	6.99146E-05
15.66667	65	1.65E-02	1.58E-02	4.75E+00		32	0.0094611		166.5	0.049227		7	0.00207		2	5.91321E-07		70.5	2.08441E-05		102	3.01574E-05		310	9.16548E-05
15.75	70	1.75E-02	1.70E-02	5.10E+00		32	0.0101418		166.5	0.052769		7	0.002219		2	6.33862E-07		70.5	2.23437E-05		102	3.2327E-05		310	9.82487E-05
15.83333	75	1.83E-02	1.79E-02	5.36E+00	37	37.5	0.0106759	159	138	0.055548	8	7	0.002335	1	3.5	6.67246E-07	82	65.5	2.35204E-05	85	81.5	3.40295E-05	342	325.5	0.000103423
15.91667	80	1.88E-02	1.85E-02	5.56E+00		37.5	0.0129637		138	0.047706		7	0.00242		3.5	1.20994E-06		65.5	2.26432E-05		81.5	2.81743E-05		325.5	0.000112525
16	85	1.91E-02	1.90E-02	5.69E+00		37.5	0.0132642		138	0.048812		7	0.002476		3.5	1.23799E-06		65.5	2.31681E-05		81.5	2.88274E-05		325.5	0.000115133
16.08333	90	1.97E-02	1.94E-02	5.82E+00	38	29	0.0135832	117	110.5	0.049986	6	5.5	0.002536	6	8	1.26777E-06	49	36	2.37254E-05	78	66	2.95209E-05	309	264	0.000117902
16.16667	95	2.33E-02	2.15E-02	6.44E+00		29	0.0116254		110.5	0.044297		5.5	0.002205		8	3.20699E-06		36	1.44315E-05		66	2.64577E-05		264	0.000105831
16.25	100	3.79E-02	3.06E-02	9.17E+00		29	0.0165486		110.5	0.063056		5.5	0.003139		8	4.56513E-06		36	2.05431E-05		66	3.76623E-05		264	0.000150649
16.33333	105	8.17E-02	5.98E-02	1.79E+01	20	28	0.0323531	104	111	0.123277	5	6	0.006136	10	7.5	8.92501E-06	23	37	4.01625E-05	54	50	7.36313E-05	219	258	0.000294525
16.41667	110	0.1147705	9.82E-02	2.95E+01		28	0.0513214		111	0.203453		6	0.010997		7.5	1.37468E-05		37	6.78176E-05		50	9.16454E-05		258	0.00047289
16.5	115	1.06E-04	5.74E-02	1.72E+01		28	0.030012		111	0.118976		6	0.006431		7.5	8.03893E-06		37	3.96587E-05		50	5.35929E-05		258	0.000276539
16.58333	120	0	5.28E-05	1.58E-02	36	35	2.758E-05	118	142.5	0.000109	7	8	5.91E-06	5	5	7.38724E-09	51	53	3.64437E-08	46	51.5	4.92482E-08	297	258	2.54121E-07
16.66667	125	0	0.00E+00	0.00E+00		35	0		142.5	0		8	0		5	0		53	0		51.5	0		258	0
16.75	130	1.94E-03	9.72E-04	2.92E-01		35	0.0006347		142.5	0.002584		8	0.000145		5	9.06715E-08		53	9.61118E-07		51.5	9.33917E-07		258	4.67865E-06
16.83333	135	8.44E-03	5.19E-03	1.56E+00	34	29.5	0.0033918	167	126.5	0.01381	9	8	0.000775	5	4	4.84545E-07	55	56.5	5.13618E-06	57	60.5	4.99081E-06	219	235.5	2.50025E-05
16.91667	140	1.77E-02	1.31E-02	3.93E+00		29.5	0.007205		126.5	0.030896		8	0.001954		4	9.76946E-07		56.5	1.37994E-05		60.5	1.47763E-05		235.5	5.75177E-05
17	145	2.75E-02	2.26E-02	6.78E+00		29.5	0.0124484		126.5	0.05338		8	0.003376		4	1.68792E-06		56.5	2.38419E-05		60.5	2.55298E-05		235.5	9.93762E-05
17.08333	150	3.61E-02	3.18E-02	9.53E+00	25	27.5	0.0174925	86	107.5	0.07501	7	8	0.004744	3	3	2.37186E-06	58	59.5	3.35025E-05	64	64.5	3.58744E-05	252	277	0.000139643
17.16667	155	4.29E-02	3.95E-02	1.19E+01		27.5	0.0202709		107.5	0.079241		8	0.005897		3	2.21137E-06		59.5	4.38589E-05		64.5	4.75445E-05		277	0.000204184
17.25	160	5.27E-02	4.78E-02	1.43E+01		27.5	0.0245314		107.5	0.095895		8	0.007136		3	2.67615E-06		59.5	5.3077E-05		64.5	5.75373E-05		277	0.000247098
17.33333	165	5.80E-02	5.53E-02	1.66E+01	30	40.5	0.0283964	129	118	0.111004	9	9.5	0.008261	3	4	3.09779E-06	61	54	6.14394E-05	65	64	6.66024E-05	302	269	0.000286029
17.41667	170	6.16E-02	5.98E-02	1.79E+01		40.5	0.0451975		118	0.131686		9.5	0.010602		4	4.46395E-06		54	6.02633E-05		64	7.14232E-05		269	0.000300201
17.5	175	6.44E-02	6.30E-02	1.89E+01		40.5	0.0476053		118	0.138702		9.5	0.011167		4	4.70176E-06		54	6.34737E-05		64	7.52281E-05		269	0.000316193
17.58333	180	6.50E-02	6.47E-02	1.94E+01	51	47	0.0489046	107	114	0.142488	10	9	0.011471	5	7	4.83009E-06	47	48	6.52062E-05	63	102.5	7.72814E-05	236	271	0.000324823
17.66667	185	5.49E-02	6.00E-02	1.80E+01		47	0.0525842		114	0.127545		9	0.010069		7	7.83169E-06		48	5.3703E-05		102.5	0.000114678		271	0.000303198
17.75	190	3.98E-02	4.73E-02	1.42E+01		47	0.0415243		114	0.100719		9	0.007951		7	6.18447E-06		48	4.24078E-05		102.5	9.05584E-05		271	0.000239428
17.83333	195	2.73E-02	3.35E-02	1.01E+01		47	0.0294184		114	0.071355		9	0.005633	9	7	4.38146E-06	49	42	3.00443E-05	142	140.5	6.41571E-05	306	294	0.000169625
17.91667	200	1.93E-02	2.33E-02	6.98E+00		47	0.0204174		114	0.049523		9	0.00391		7	3.04089E-06		42	1.82454E-05		140.5	6.10351E-05		294	0.000127718
18	205	1.44E-02	1.69E-02	5.06E+00		47	0.0147818		114	0.035854		9	0.002831		7	2.20155E-06		42	1.32093E-05		140.5	4.41882E-05		294	9.2465E-05
18.08333	210	1.14E-02	1.29E-02	3.88E+00		47	0.0113356		114	0.027495		9	0.002171		7	1.68828E-06		42	1.01297E-05		140.5	3.38662E-05		294	7.09077E-05
18.16667	215	9.58E-03	1.05E-02	3.15E+00		47	0.0092156		114	0.022353		9	0.001765		7	1.37254E-06		42	8.23524E-06		140.5	2.75488E-05		294	5.76467E-05
18.25	220	8.45E-03	9.02E-03	2.70E+00		47	0.0079076		114	0.01918		9	0.001514		7	1.17772E-06		42	7.06633E-06		140.5	2.36386E-05		294	4.94643E-05
18.33333	225	7.75E-03	8.10E-03	2.43E+00		47	0.0071039		114	0.017231		9	0.00136	5	4	1.05803E-06	35	37.5	6.3482E-06	139	120.5	2.12362E-05	282	252.5	4.44374E-05
18.41667	230	7.33E-03	7.54E-03	2.26E+00		47	0.0066114		114	0.016036		9	0.001266		4	5.62672E-07		37.5	5.27505E-06		120.5	1.69505E-05		252.5	3.55187E-05
18.5	235	7.11E-03	7.22E-03	2.17E+00		47	0.0063342		114	0.015364		9	0.001213		4	5.3908E-07		37.5	5.05387E-06		120.5	1.62398E-05		252.5	3.40294E-05
18.58333	240	7.04E-03	7.08E-03	2.12E+00	43	48	0.0062083	121	91	0.015058	8	9	0.001189	3	4	5.28367E-07	40	37.5	4.95344E-06	102	120.5	1.59171E-05	223	252.5	3.33532E-05
18.66667	245	7.06E-03	7.05E-03	2.12E+00		48	0.0063165		91	0.011975		9	0.001184		4	5.26377E-07		37.5	4.93478E-06		120.5	1.58571E-05		252.5	3.32275E-05
18.75	250	7.15E-03	7.10E-03	2.13E+00		48	0.0063629		91	0.012063		9	0.001193		4	5.3024E-07		37.5	4.971E-06		120.5	1.59735E-05		252.5	3.34714E-05
18.83333	255	7.31E-03	7.23E-03	2.17E+00		48	0.0064752		91	0.012276		9	0.001214	5	5	5.39602E-07	35	35	5.05877E-06	139	139	1.62555E-05	282	282	3.40624E-05
18.91667	260	7.58E-03	7.45E-03	2.23E+00		48	0.0066705		91	0.012646		9	0.001251		5	6.94843E-07		35	4.8639E-06		139	1.93166E-05		282	3.91892E-05
19	265	7.96E-03	7.77E-03	2.33E+00		48	0.0069601		91	0.013195		9	0.001305		5	7.25013E-07		35	5.07509E-06		139	2.01554E-05		282	4.08908E-05
19.08333	270	8.21E-03	8.08E-03	2.43E+00		48	0.0072411		91	0.013728		9	0.001358	5	5	7.54279E-07	35	35	5.27995E-06	139	139	2.0969E-05	282	282	4.25413E-05
19.16667	275	6.13E-03	7.17E-03	2.15E+00		48	0.0064222		91	0.012175		9	0.001204		5	6.68983E-07		35	4.68288E-06		139	1.85977E-05		282	3.77306E-05
19.25	280	2.52E-03	4.33E-03	1.30E+00		48	0.0038759		91	0.007348		9	0.000727		5	4.0374E-07		35	2.82618E-06		139	1.1224E-05		282	2.2771E-05
19.33333	285	1.64E-05	1.27E-03	3.81E-01		48	0.0011376		91	0.002157		9	0.000213	5	4	1.18505E-07	35	33.5	8.29532E-07	139	96	3.29443E-06	282	215	6.68366E-06
19.41667	290	0	8.22E-06	2.46E-03		48	7.359E-06		91	1.4E-05		9	1.38E-06		4	6.13223E-10		33.5	5.13574E-09		96	1.47173E-08		215	3.29607E-08
19.5	295	0	0.00E+00	0.00E+00		48	0		91	0		9	0		4	0		33.5	0		96	0		215	0
19.58333	300	0	0.00E+00	0.00E+00	53	53	0	61	61	0	10	10	0	3	4	0	32	29.5	0	53	65	0	148	171	0

Conduit CSO 1011

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
3.56E+02	9.67	0.82	2.75	0.18	0.00	0.00	0.00	0.01

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
19.66667	305	0	0.00E+00	0.00E+00		53	0		61	0		10	0		4	0		29.5	0		65	0		171	0
19.75	310	0	0.00E+00	0.00E+00		53	0		61	0		10	0		4	0		29.5	0		65	0		171	0
19.83333	315	0	0.00E+00	0.00E+00		53	0		61	0		10	0	5	5	0	27	27	0	77	77	0	194	194	0
19.91667	320	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
20	325	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
20.08333	330	3.38E-05	1.69E-05	5.07E-03		53	1.673E-05		61	1.92E-05		10	3.16E-06		5	1.57786E-09		27	8.52047E-09		77	2.42991E-08		194	6.12211E-08
20.16667	335	0	1.69E-05	5.07E-03		53	1.673E-05		61	1.92E-05		10	3.16E-06		5	1.57786E-09		27	8.52047E-09		77	2.42991E-08		194	6.12211E-08
20.25	340	5.61E-05	2.80E-05	8.41E-03		53	2.772E-05		61	3.19E-05		10	5.23E-06		5	2.61551E-09		27	1.41238E-08		77	4.02789E-08		194	1.01482E-07
20.33333	345	0	2.80E-05	8.41E-03		53	2.772E-05		61	3.19E-05		10	5.23E-06	5	5	2.61551E-09	27	27	1.41238E-08	77	77	4.02789E-08	194	194	1.01482E-07
20.41667	350	2.95E-04	1.47E-04	4.42E-02		53	0.0001459		61	0.000168		10	2.75E-05		5	1.37611E-08		27	7.431E-08		77	2.11921E-07		194	5.33931E-07
20.5	355	5.10E-04	4.02E-04	1.21E-01		53	0.0003979		61	0.000458		10	7.51E-05		5	3.75397E-08		27	2.02715E-07		77	5.78112E-07		194	1.45654E-06
20.58333	360	0	2.55E-04	7.65E-02		53	0.0002521		61	0.00029		10	4.76E-05		5	2.37786E-08		27	1.28405E-07		77	3.66191E-07		194	9.22611E-07
20.66667	365	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
20.75	370	1.72E-04	8.61E-05	2.58E-02		53	8.517E-05		61	9.8E-05		10	1.61E-05		5	8.03462E-09		27	4.3387E-08		77	1.23733E-07		194	3.11743E-07
20.83333	375	2.55E-04	2.13E-04	6.40E-02		53	0.0002111		61	0.000243		10	3.98E-05		5	1.99149E-08		27	1.0754E-07		77	3.06689E-07		194	7.72697E-07
20.91667	380	2.43E-04	2.49E-04	7.47E-02		53	0.0002462		61	0.000283		10	4.64E-05		5	2.32235E-08		27	1.25407E-07		77	3.57642E-07		194	9.01072E-07
21	385	2.40E-04	2.41E-04	7.24E-02		53	0.0002388		61	0.000275		10	4.51E-05		5	2.25255E-08		27	1.21638E-07		77	3.46893E-07		194	8.73991E-07
21.08333	390	9.59E-05	1.68E-04	5.03E-02		53	0.0001659		61	0.000191		10	3.13E-05		5	1.56546E-08		27	8.45348E-08		77	2.41081E-07		194	6.07399E-07
21.16667	395	1.57E-04	1.27E-04	3.80E-02		53	0.0001252		61	0.000144		10	2.36E-05		5	1.18116E-08		27	6.37825E-08		77	1.81898E-07		194	4.58289E-07
21.25	400	5.44E-06	8.14E-05	2.44E-02		53	8.049E-05		61	9.26E-05		10	1.52E-05		5	7.59311E-09		27	4.10028E-08		77	1.16934E-07		194	2.94613E-07
21.33333	405	3.29E-04	1.67E-04	5.01E-02		53	0.0001653		61	0.00019		10	3.12E-05		5	1.55918E-08		27	8.41956E-08		77	2.40113E-07		194	6.04961E-07
21.41667	410	1.25E-03	7.88E-04	2.36E-01		53	0.0007796		61	0.000897		10	0.000147		5	7.35425E-08		27	3.97129E-07		77	1.13255E-06		194	2.85345E-06
21.5	415	0	6.24E-04	1.87E-01		53	0.000617		61	0.00071		10	0.000116		5	5.82045E-08		27	3.14305E-07		77	8.9635E-07		194	2.25834E-06
21.58333	420	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
21.66667	425	3.54E-04	1.77E-04	5.31E-02		53	0.0001752		61	0.000202		10	3.3E-05		5	1.65243E-08		27	8.9231E-08		77	2.54474E-07		194	6.41141E-07
21.75	430	5.14E-04	4.34E-04	1.30E-01		53	0.0004292		61	0.000494		10	8.1E-05		5	4.04869E-08		27	2.18629E-07		77	6.23498E-07		194	1.57089E-06
21.83333	435	0	2.57E-04	7.70E-02		53	0.000254		61	0.000292		10	4.79E-05		5	2.39627E-08		27	1.29398E-07		77	3.69025E-07		194	9.29751E-07
21.91667	440	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
22	445	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
22.08333	450	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
22.16667	455	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
22.25	460	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
22.33333	465	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
22.41667	470	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
22.5	475	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
22.58333	480	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
22.66667	485	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
22.75	490	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
22.83333	495	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
22.91667	500	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
23	505	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
23.08333	510	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
23.16667	515	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
23.25	520	0	0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
23.33333	525	1.44E-03	7.18E-04	2.15E-01		53	0.0007103		61	0.000818		10	0.000134		5	6.70137E-08		27	3.61874E-07		77	1.03201E-06		194	2.60013E-06
23.41667	530	4.17E-03	2.80E-03	8.41E-01		53	0.0027727		61	0.003191		10	0.000523		5	2.61573E-07		27	1.41249E-06		77	4.02822E-06		194	1.0149E-05
23.5	535	4.66E-03	4.42E-03	1.33E+00		53	0.0043688		61	0.005028		10	0.000824		5	4.12153E-07		27	2.22563E-06		77	6.34716E-06		194	1.59915E-05
23.58333	540	4.14E-03	4.40E-03	1.32E+00		53	0.0043541		61	0.005011		10	0.000822		5	4.1076E-07		27	2.2181E-06		77	6.3257E-06		194	1.59375E-05
23.66667	545	3.40E-03	3.77E-03	1.13E+00		53	0.0037294		61	0.004292		10	0.000704		5	3.51827E-07		27	1.89987E-06		77	5.41813E-06		194	1.36509E-05
23.75	550	2.66E-03	3.03E-03	9.10E-01		53	0.002999		61	0.003452		10	0.000566		5	2.8292E-07		27	1.52777E-06		77	4.35697E-06		194	1.09773E-05
23.83333	555	2.00E-03	2.33E-03	7.00E-01		53	0.0023083		61	0.002657		10	0.000436		5	2.17766E-07		27	1.17594E-06		77	3.3536E-06		194	8.44933E-06
23.91667	560	1.45E-03	1.73E-03	5.18E-01		53	0.0017092		61	0.001967		10	0.000322		5	1.61244E-07		27	8.70717E-07		77	2.48318E-06		194	6.25626E-06
24	565	9.89E-04	1.22E-03	3.66E-01		53	0.001207		61	0.001389		10	0.000228		5	1.13869E-07		27	6.14892E-07		77	1.75358E-06		194	4.41811E-06
24.08333	570	6.19E-04	8.04E-04	2.41E-01		53	0.000795		61	0.000915		10	0.00015		5	7.50039E-08		27	4.05021E-07		77	1.15506E-06		194	2.91015E-06
24.16667	575	3.23E-04	4.71E-04	1.41E-01		53	0.000466		61	0.000536		10	8.79E-05		5	4.39615E-08		27	2.37392E-07		77	6.77007E-07		194	1.70571E-06
24.25	580	8.96E-05	2.07E-04	6.20E-02		53	0.0002042		61	0.000235		10	3.85E-05		5	1.92678E-08		27	1.04046E-07		77	2.96724E-07		194	7.4759E-07

Conduit CSO 1012

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
8.95E+04	8.83	260.35	501.35	51.52	0.03	0.21	0.52	1.32

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
14.66667	0	7.66E-05			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
14.75	5	3.34E-04	2.05E-04	6.16E-02		80	0.0003065		761.5	0.002917		36.5	0.00014		7.5	2.87341E-08		172.5	6.60884E-07		283.5	1.08615E-06		639	2.45E-06
14.83333	10	7.46E-04	5.40E-04	1.62E-01		80	0.0008059		761.5	0.007671		36.5	0.000368		7.5	7.55527E-08		172.5	1.73771E-06		283.5	2.85589E-06		639	6.44E-06
14.91667	15	1.31E-03	1.03E-03	3.09E-01	69	58	0.00153583	451	358.5	0.014617	24	17.5	0.000701	4	5.5	1.43966E-07	130	107	3.31121E-06	198	147.5	5.4419E-06	446	410.5	1.23E-05
15	20	2.02E-03	1.67E-03	5.00E-01		58	0.00180323		358.5	0.011146		17.5	0.000544		5.5	1.70996E-07		107	3.32664E-06		147.5	4.58579E-06		410.5	1.28E-05
15.08333	25	2.87E-03	2.45E-03	7.34E-01		58	0.00264877		358.5	0.016372		17.5	0.000799		5.5	2.51176E-07		107	4.88652E-06		147.5	6.73809E-06		410.5	1.87E-05
15.16667	30	3.94E-03	3.40E-03	1.02E+00	47	42	0.00368506	266	238.5	0.022778	11	9.5	0.001112	7	5.5	3.49446E-07	84	69.5	6.79831E-06	97	90.5	9.3715E-06	375	307	2.61E-05
15.25	35	5.08E-03	4.51E-03	1.35E+00		42	0.00353357		238.5	0.020066		9.5	0.000799		5.5	4.62729E-07		69.5	5.84722E-06		90.5	7.614E-06		307	2.58E-05
15.33333	40	6.33E-03	5.70E-03	1.71E+00		42	0.00447044		238.5	0.025386		9.5	0.001011		5.5	5.85415E-07		69.5	7.39752E-06		90.5	9.63274E-06		307	3.27E-05
15.41667	45	7.75E-03	7.04E-03	2.11E+00	37	32	0.00551541	211	192.5	0.03132	8	7	0.001248	4	3.5	7.22256E-07	55	57	9.12669E-06	84	101.5	1.18844E-05	239	258.5	4.03E-05
15.5	50	9.36E-03	8.55E-03	2.57E+00		32	0.00510767		192.5	0.030726		7	0.001117		3.5	5.58651E-07		57	9.09803E-06		101.5	1.62009E-05		258.5	4.13E-05
15.58333	55	1.11E-02	1.02E-02	3.07E+00		32	0.00610984		192.5	0.036754		7	0.001337		3.5	6.68263E-07		57	1.08831E-05		101.5	1.93796E-05		258.5	4.94E-05
15.66667	60	1.29E-02	1.20E-02	3.60E+00	27	32	0.00716295	174	166.5	0.04309	6	7	0.001567	3	2	7.83447E-07	59	70.5	1.2759E-05	119	102	2.272E-05	278	310	5.79E-05
15.75	65	1.47E-02	1.38E-02	4.13E+00		32	0.00822176		166.5	0.042779		7	0.001799		2	5.1386E-07		70.5	1.81136E-05		102	2.62069E-05		310	7.96E-05
15.83333	70	1.61E-02	1.54E-02	4.61E+00		32	0.0091801		166.5	0.047765		7	0.002008		2	5.73756E-07		70.5	2.02249E-05		102	2.92816E-05		310	8.89E-05
15.91667	75	1.72E-02	1.67E-02	5.00E+00	37	37.5	0.00995088	159	138	0.051776	8	7	0.002177	1	3.5	6.2193E-07	82	65.5	2.1923E-05	85	81.5	3.17184E-05	342	325.5	9.64E-05
16	80	1.83E-02	1.78E-02	5.33E+00		37.5	0.0124328		138	0.045753		7	0.002321		3.5	1.16039E-06		65.5	2.1716E-05		81.5	2.70206E-05		325.5	0.000108
16.08333	85	2.06E-02	1.95E-02	5.84E+00		37.5	0.01361147		138	0.05009		7	0.002541		3.5	1.2704E-06		65.5	2.37747E-05		81.5	2.95823E-05		325.5	0.000118
16.16667	90	3.13E-02	2.59E-02	7.78E+00	38	29	0.0181507	117	110.5	0.086795	6	5.5	0.003388	6	8	1.69407E-06	49	36	3.17032E-05	78	66	3.94475E-05	309	264	0.000158
16.25	95	6.65E-02	4.89E-02	1.47E+01		29	0.026453		110.5	0.100795		5.5	0.005017		8	7.29738E-06		36	3.28382E-05		66	6.02034E-05		264	0.000241
16.33333	100	0.1284129	9.75E-02	2.92E+01		29	0.05273749		110.5	0.200948		5.5	0.010002		8	1.45483E-05		36	6.54672E-05		66	0.000120023		264	0.00048
16.41667	105	0.2158325	1.72E-01	5.16E+01	20	28	0.09314799	104	111	0.354926	5	6	0.017666	10	7.5	2.5696E-05	23	37	0.000115632	54	50	0.000211992	219	258	0.000848
16.5	110	0.7177142	4.67E-01	1.40E+02		28	0.24389417		111	0.966866		6	0.052263		7.5	6.53288E-05		37	0.000322289		50	0.000435525		258	0.002247
16.58333	115	1.451837	1.08E+00	3.25E+02		28	0.56680709		111	2.246985		6	0.121459		7.5	0.000151823		37	0.000748995		50	0.001012156		258	0.005223
16.66667	120	2.153715	1.80E+00	5.41E+02	36	35	0.94197013	118	142.5	3.734239	7	8	0.201851	5	5	0.000252313	51	53	0.001244746	46	51.5	0.00168209	297	258	0.00868
16.75	125	2.800919	2.48E+00	7.43E+02		35	1.61803146		142.5	6.5877		8	0.369836		5	0.000231147		53	0.002450162		51.5	0.002380818		258	0.011927
16.83333	130	3.355259	3.08E+00	9.23E+02		35	2.01041886		142.5	8.185277		8	0.459524		5	0.000287203		53	0.003044349		51.5	0.002958188		258	0.01482
16.91667	135	3.826443	3.59E+00	1.08E+03	34	29.5	2.34532354	167	126.5	9.548817	9	8	0.536074	5	4	0.000335046	55	56.5	0.00355149	57	60.5	0.003450976	219	235.5	0.017288
17	140	4.212601	4.02E+00	1.21E+03		29.5	2.21275718		126.5	9.488603		8	0.60007		4	0.000300035		56.5	0.004237993		60.5	0.004538027		235.5	0.017665
17.08333	145	4.526443	4.37E+00	1.31E+03		29.5	2.40543308		126.5	10.31482		8	0.652321		4	0.00032616		56.5	0.004607016		60.5	0.004933176		235.5	0.019203
17.16667	150	4.793005	4.66E+00	1.40E+03	25	27.5	2.56519003	86	107.5	10.99988	7	8	0.695645	3	3	0.000347822	58	59.5	0.004912991	64	64.5	0.005260813	252	277	0.020478
17.25	155	5.231637	5.01E+00	1.50E+03		27.5	2.5722247		107.5	10.05506		8	0.748284		3	0.000280606		59.5	0.005565359		64.5	0.006033036		277	0.025909
17.33333	160	5.425547	5.33E+00	1.60E+03		27.5	2.73452876		107.5	10.68952		8	0.795499		3	0.000298312		59.5	0.005916526		64.5	0.006413713		277	0.027544
17.41667	165	5.543879	5.48E+00	1.65E+03	30	40.5	2.81464699	129	118	11.00271	9	9.5	0.818806	3	4	0.000307052	61	54	0.006089873	65	64	0.006801627	302	289	0.028351
17.5	170	5.637053	5.59E+00	1.68E+03		40.5	4.22513283		118	12.31026		9.5	0.991081		4	0.000417297		54	0.00563351		64	0.006776753		289	0.028063
17.58333	175	5.705655	5.67E+00	1.70E+03		40.5	4.28626594		118	12.48838		9.5	1.00542		4	0.000423335		54	0.005715021		64	0.006773359		289	0.028469
17.66667	180	5.718083	5.71E+00	1.71E+03	51	47	4.31687859	107	114	12.57757	10	9	1.012801	5	7	0.000426358	47	48	0.005755838	63	102.5	0.006821734	236	271	0.026873
17.75	185	5.681804	5.70E+00	1.71E+03		47	4.99925144		114	12.12584		9	0.957303		7	0.000744589		48	0.005105618		102.5	0.010902623		271	0.028825
17.83333	190	5.599185	5.64E+00	1.69E+03		47	4.94711916		114	11.9994		9	0.947321		7	0.000736805		48	0.005052377		102.5	0.01078893		271	0.028525
17.91667	195	5.497537	5.55E+00	1.66E+03		47	4.88631146		114	11.80339		9	0.931847	9	7	0.00072477	49	42	0.00496985	142	140.5	0.010612701	306	294	0.028059
18	200	5.399756	5.45E+00	1.63E+03		47	4.77885467		114	11.59126		9	0.9151		7	0.000711744		42	0.004270466		140.5	0.014285725		294	0.029893
18.08333	205	5.316694	5.36E+00	1.61E+03		47	4.69954852		114	11.3989		9	0.899914		7	0.000699933		42	0.004199597		140.5	0.01404865		294	0.029397
18.16667	210	5.249667	5.28E+00	1.58E+03		47	4.6337291		114	11.23926		9	0.88731		7	0.00069013		42	0.004140779		140.5	0.013851892		294	0.028985
18.25	215	5.198021	5.22E+00	1.57E+03		47	4.58168672		114	11.11303		9	0.877344		7	0.000682379		42	0.004094273		140.5	0.013696319		294	0.02866
18.33333	220	5.16034	5.18E+00	1.55E+03		47	4.54251362		114	11.01801		9	0.869843		7	0.000676545		42	0.004059267		140.5	0.013579216		294	0.028415
18.41667	225	5.13412	5.15E+00	1.54E+03		47	4.51449073		114	10.95004		9	0.864477	5	4	0.000672371	35	37.5	0.004034226	139	120.5	0.013495446	282	252.5	0.02624
18.5	230	5.116634	5.13E+00	1.54E+03		47	4.49532408		114	10.90355		9	0.860807		4	0.000382581		37.5	0.003586695		120.5	0.011525246		252.5	0.02415
18.58333	235	5.105872	5.11E+00	1.53E+03		47	4.48293632		114	10.87351		9	0.858435		4	0.000381526		37.5	0.003576811		120.5	0.011493486		252.5	0.024084
18.66667	240	5.100234	5.10E+00	1.53E+03	43	48	4.47574433	121	91	10.85606	8	9	0.857057	3	4	0.000380914	40	37.5	0.003571073	102	120.5	0.011475047	223	252.5	0.024045
18.75	245	5.098948	5.10E+00	1.53E+03		48	4.5678719		91	8.659924		9	0.856476		4	0.000380656		37.5	0.00356865		120.5	0.011467262		252.5	0.024029
18.83333	250	5.101495	5.10E+00	1.53E+03		48	4.56843666		91	8.660995		9	0.856582		4	0.000380703		37.5	0.003569091		120.5	0.01146868		252.5	0.024032
18.91667	255	5.108281	5.10E+00	1.53E+03		48	4.5726166		91	8.668919		9	0.857366	5	5	0.000381051	35	35	0.003572357	139	139	0.011479173	282	282	0.024054
19	260	5.12008	5.11E+00	1.53E+03		48	4.5809402		91	8.684699		9	0.858926		5	0.000477181		35	0.003340269		139	0.013265639		282	0.026913
19.08333	265	5.129985	5.13E+00	1.54E+03		48	4.5906607		91	8.703128		9	0.860749		5	0.000478194		35	0.003347357		139	0.013293788		282	0.02697
19.16667	270	5.098338	5.11E+00	1.53E+03		48	4.58092318		91	8.684667		9	0.858923	5	5	0.000477179	35	35	0.003340256	139	139	0.01326559	282	282	0.026913
19.25	275	5.023497	5.06E+00	1.52E+03		48	4.53323077		91	8.59425		9	0.849981		5	0.000472212		35	0.003305481		139	0.013127481		282	0.026633
19.33333	280	4.904805	4.96E+00	1.49E+03		48	4.44655383		91	8.429925		9	0.833729		5	0.000463183		35	0.003242279		139	0.012876479		282	0.026124

Conduit CSO 1012

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
8.95E+04	8.83	260.35	501.35	51.52	0.03	0.21	0.52	1.32

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
19.41667	285	4.752621	4.83E+00	1.45E+03		48	4.32523754		91	8.19993		9	0.810982	5	4	0.000450546	35	33.5	0.003153819	139	98	0.012525167	282	215	0.025411
19.5	290	4.611557	4.68E+00	1.40E+03		48	4.19390159		91	7.950938		9	0.786357		4	0.000349492		33.5	0.002926994		98	0.008387803		215	0.018785
19.58333	295	4.490727	4.55E+00	1.37E+03		48	4.07660804		91	7.728569		9	0.764364		4	0.000339717		33.5	0.002845133		98	0.008153216		215	0.01826
19.66667	300	4.389853	4.44E+00	1.33E+03	53	53	3.97731425	61	61	7.540325	10	10	0.745746	3	4	0.000331443	32	29.5	0.002775834	53	65	0.007954828	148	171	0.017815
19.75	305	4.306715	4.35E+00	1.30E+03		53	4.30062034		61	4.949771		10	0.811438		4	0.000324575		29.5	0.002393742		65	0.005274346		171	0.013878
19.83333	310	4.238806	4.27E+00	1.28E+03		53	4.22592469		61	4.8638		10	0.797344		4	0.000318938		29.5	0.002352166		65	0.005182738		171	0.013635
19.91667	315	3.99081	4.11E+00	1.23E+03		53	4.06970358		61	4.683998		10	0.767869	5	5	0.000307147	27	27	0.002265212	77	77	0.004991146	194	194	0.013131
20	320	3.922213	3.96E+00	1.19E+03		53	3.91314225		61	4.503805		10	0.738329		5	0.000369164		27	0.001993488		77	0.005685131		194	0.014324
20.08333	325	3.900931	3.91E+00	1.17E+03		53	3.88689535		61	4.452649		10	0.729943		5	0.000364971		27	0.001970845		77	0.005620557		194	0.014161
20.16667	330	3.87445	3.89E+00	1.17E+03		53	3.84507563		61	4.425464		10	0.725486		5	0.000362743		27	0.001958812		77	0.005586242		194	0.014074
20.25	335	3.837106	3.86E+00	1.16E+03		53	3.81351294		61	4.389138		10	0.719531		5	0.000359765		27	0.001942733		77	0.005540387		194	0.013959
20.33333	340	3.802243	3.82E+00	1.15E+03		53	3.77780518		61	4.34804		10	0.712793		5	0.000356397		27	0.001924542		77	0.005488509		194	0.013828
20.41667	345	3.779935	3.79E+00	1.14E+03		53	3.74953302		61	4.3155		10	0.707459	5	5	0.00035373	27	27	0.001910139	77	77	0.005447435	194	194	0.013725
20.5	350	3.750523	3.77E+00	1.13E+03		53	3.72395849		61	4.286063		10	0.702633		5	0.000351317		27	0.00189711		77	0.005410276		194	0.013631
20.58333	355	3.722293	3.74E+00	1.12E+03		53	3.69545141		61	4.253255		10	0.697255		5	0.000348627		27	0.001882588		77	0.005368863		194	0.013527
20.66667	360	3.703319	3.71E+00	1.11E+03		53	3.67210812		61	4.226389		10	0.692851		5	0.000346425		27	0.001870697		77	0.00533495		194	0.013441
20.75	365	3.680353	3.69E+00	1.11E+03		53	3.65136798		61	4.202518		10	0.688937		5	0.000344469		27	0.001860131		77	0.005304818		194	0.013365
20.83333	370	3.665801	3.67E+00	1.10E+03		53	3.63271571		61	4.18105		10	0.685418		5	0.000342709		27	0.001850629		77	0.005277719		194	0.013297
20.91667	375	3.646816	3.66E+00	1.10E+03		53	3.61613101		61	4.161962		10	0.682289		5	0.000341144		27	0.00184218		77	0.005253624		194	0.013236
21	380	3.637116	3.64E+00	1.09E+03		53	3.60204463		61	4.145749		10	0.679631		5	0.000339816		27	0.001835004		77	0.005233159		194	0.013185
21.08333	385	3.617118	3.63E+00	1.09E+03		53	3.5873584		61	4.128846		10	0.67686		5	0.00033843		27	0.001827522		77	0.005211823		194	0.013131
21.16667	390	3.530881	3.57E+00	1.07E+03		53	3.53482315		61	4.068381		10	0.666948		5	0.000333474		27	0.001800759		77	0.005135496		194	0.012939
21.25	395	3.393235	3.46E+00	1.04E+03		53	3.42410869		61	3.940955		10	0.646058		5	0.000323029		27	0.001744357		77	0.004974648		194	0.012534
21.33333	400	3.212845	3.30E+00	9.91E+02		53	3.28683377		61	3.759941		10	0.616384		5	0.000308192		27	0.001664236		77	0.004746155		194	0.011958
21.41667	405	3.023364	3.12E+00	9.35E+02		53	3.08392543		61	3.549424		10	0.581873		5	0.000290936		27	0.001571056		77	0.00448042		194	0.011288
21.5	410	2.876556	2.95E+00	8.85E+02		53	2.91762405		61	3.35802		10	0.550495		5	0.000275248		27	0.001486337		77	0.004238812		194	0.01068
21.58333	415	2.671635	2.77E+00	8.32E+02		53	2.74368729		61	3.157829		10	0.517677		5	0.000256838		27	0.001397727		77	0.003986112		194	0.010043
21.66667	420	2.54567	2.61E+00	7.83E+02		53	2.58005779		61	2.9695		10	0.486803		5	0.000243402		27	0.001314389		77	0.003748386		194	0.009444
21.75	425	2.437352	2.49E+00	7.47E+02		53	2.46420033		61	2.836155		10	0.464943		5	0.000232472		27	0.001255347		77	0.003580065		194	0.00902
21.83333	430	2.286012	2.36E+00	7.09E+02		53	2.33579445		61	2.688367		10	0.440716		5	0.000220358		27	0.001189933		77	0.003393513		194	0.00855
21.91667	435	2.160274	2.22E+00	6.67E+02		53	2.19877404		61	2.530664		10	0.414863		5	0.000207432		27	0.00112013		77	0.003194445		194	0.008046
22	440	2.044105	2.10E+00	6.31E+02		53	2.07914638		61	2.39298		10	0.392292		5	0.000196146		27	0.001059188		77	0.003020647		194	0.00761
22.08333	445	1.952875	2.00E+00	6.00E+02		53	1.97658358		61	2.274936		10	0.37294		5	0.00018647		27	0.001006939		77	0.00287164		194	0.007235
22.16667	450	1.875752	1.91E+00	5.74E+02		53	1.89332978		61	2.179115		10	0.357232		5	0.000178618		27	0.000964526		77	0.002750687		194	0.00693
22.25	455	1.804249	1.84E+00	5.52E+02		53	1.81983136		61	2.094523		10	0.343364		5	0.000171682		27	0.000927084		77	0.002643906		194	0.006661
22.33333	460	1.742987	1.77E+00	5.32E+02		53	1.75417651		61	2.018958		10	0.330977		5	0.000165488		27	0.000893637		77	0.002548521		194	0.006421
22.41667	465	1.687066	1.72E+00	5.15E+02		53	1.69622726		61	1.952262		10	0.320043		5	0.000160021		27	0.000864116		77	0.00246433		194	0.006209
22.5	470	1.642309	1.66E+00	4.99E+02		53	1.64644005		61	1.894959		10	0.310649		5	0.000155325		27	0.000838752		77	0.002391998		194	0.006027
22.58333	475	1.587896	1.62E+00	4.85E+02		53	1.59739857		61	1.838515		10	0.301396		5	0.000150698		27	0.000813769		77	0.002320749		194	0.005847
22.66667	480	1.4769	1.53E+00	4.60E+02		53	1.51560064		61	1.744371		10	0.285962		5	0.000142981		27	0.000772098		77	0.00220191		194	0.005548
22.75	485	1.352149	1.41E+00	4.24E+02		53	1.39901921		61	1.610192		10	0.263966		5	0.000131983		27	0.000712708		77	0.002032537		194	0.005121
22.83333	490	1.147375	1.25E+00	3.75E+02		53	1.23606275		61	1.422638		10	0.233219		5	0.00011661		27	0.000629692		77	0.001795789		194	0.004524
22.91667	495	0.9179613	1.03E+00	3.10E+02		53	1.02134857		61	1.175514		10	0.192707		5	9.63536E-05		27	0.00052031		77	0.001483846		194	0.003739
23	500	0.6915894	8.05E-01	2.41E+02		53	0.79595361		61	0.916098		10	0.15018		5	7.509E-05		27	0.000405486		77	0.001156386		194	0.002913
23.08333	505	0.492047	5.92E-01	1.78E+02		53	0.58533099		61	0.673683		10	0.11044		5	5.52199E-05		27	0.000298187		77	0.000850387		194	0.002143
23.16667	510	0.3217247	4.07E-01	1.22E+02		53	0.40242578		61	0.463169		10	0.075929		5	3.79647E-05		27	0.000205009		77	0.000584656		194	0.001473
23.25	515	0.1899889	2.56E-01	7.68E+01		53	0.25305223		61	0.291249		10	0.047746		5	2.38729E-05		27	0.000128913		77	0.000367642		194	0.000926
23.33333	520	8.59E-02	1.38E-01	4.14E+01		53	0.13642281		61	0.157015		10	0.02574		5	1.28701E-05		27	6.94984E-05		77	0.000198199		194	0.000499
23.41667	525	2.07E-02	5.33E-02	1.60E+01		53	0.05268307		61	0.060635		10	0.00994		5	4.9701E-06		27	2.68385E-05		77	7.65396E-05		194	0.000193
23.5	530	3.21E-03	1.19E-02	3.58E+00		53	0.01180069		61	0.013582		10	0.002227		5	1.11327E-06		27	6.01167E-06		77	1.71444E-05		194	4.32E-05
	535		1.60E-03	4.81E-01		53	0.00158727		61	0.001827		10	0.000299		5	1.49742E-07		27	8.08608E-07		77	2.30603E-06		194	5.81E-06

Conduit CSO 1013

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
6.49E+03	9.08	18.36	36.53	3.72	0.00	0.02	0.03	0.09

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
14.33333	0	7.61E-05			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
14.41667	5	2.68E-04	1.72E-04	5.17E-02		80	0.000257		761.5	0.002447		36.5	0.000117		7.5	2.40978E-08		172.5	5.54E-07		283.5	9.10898E-07		639	2.05E-06
14.5	10	5.84E-04	4.26E-04	1.28E-01		80	0.000636		761.5	0.006054		36.5	0.00029		7.5	5.96292E-08		172.5	1.37E-06		283.5	2.25399E-06		639	5.08E-06
14.58333	15	1.02E-03	8.01E-04	2.40E-01	69	58	0.0011952	451	358.5	0.011377	24	17.5	0.000545	4	5.5	1.12048E-07	130	107	2.58E-06	198	147.5	4.23542E-06	446	410.5	9.55E-06
14.66667	20	1.60E-03	1.31E-03	3.93E-01		58	0.0014172		358.5	0.00876		17.5	0.000428		5.5	1.34391E-07		107	2.61E-06		147.5	3.60413E-06		410.5	1E-05
14.75	25	2.37E-03	1.99E-03	5.96E-01		58	0.0021499		358.5	0.013289		17.5	0.000649		5.5	2.0387E-07		107	3.97E-06		147.5	5.46744E-06		410.5	1.52E-05
14.83333	30	3.34E-03	2.85E-03	8.56E-01	47	42	0.0030888	266	238.5	0.019092	11	9.5	0.000932	7	5.5	2.92906E-07	84	69.5	5.7E-06	97	90.5	7.85521E-06	375	307	2.19E-05
14.91667	35	4.43E-03	3.88E-03	1.17E+00		42	0.0030437		238.5	0.017284		9.5	0.000688		5.5	3.9858E-07		69.5	5.04E-06		90.5	6.55846E-06		307	2.22E-05
15	40	5.54E-03	4.99E-03	1.50E+00		42	0.0039089		238.5	0.022197		9.5	0.000884		5.5	5.11875E-07		69.5	6.47E-06		90.5	8.42268E-06		307	2.86E-05
15.08333	45	6.62E-03	6.08E-03	1.82E+00	37	32	0.0047674	211	192.5	0.027072	8	7	0.001078	4	3.5	6.24306E-07	55	57	7.89E-06	84	101.5	1.02727E-05	239	258.5	3.48E-05
15.16667	50	7.91E-03	7.27E-03	2.18E+00		32	0.0043388		192.5	0.0261		7	0.000949		3.5	4.74554E-07		57	7.73E-06		101.5	1.37821E-05		258.5	3.5E-05
15.25	55	9.44E-03	8.68E-03	2.60E+00		32	0.0051803		192.5	0.031163		7	0.001133		3.5	5.66601E-07		57	9.23E-06		101.5	1.64314E-05		258.5	4.18E-05
15.33333	60	1.12E-02	1.03E-02	3.10E+00	27	32	0.0061718	174	166.5	0.037127	6	7	0.00135	3	2	6.75041E-07	59	70.5	1.1E-05	119	102	1.95762E-05	278	310	4.99E-05
15.41667	65	1.33E-02	1.23E-02	3.68E+00		32	0.0073221		166.5	0.038098		7	0.001602		2	4.57634E-07		70.5	1.61E-05		102	2.33393E-05		310	7.09E-05
15.5	70	1.55E-02	1.44E-02	4.32E+00		32	0.0086025		166.5	0.04476		7	0.001882		2	5.37657E-07		70.5	1.9E-05		102	2.74205E-05		310	8.33E-05
15.58333	75	1.77E-02	1.66E-02	4.99E+00	37	37.5	0.009929	159	138	0.051662	8	7	0.002172	1	3.5	6.20564E-07	82	65.5	2.19E-05	85	81.5	3.16488E-05	342	325.5	9.62E-05
15.66667	80	1.98E-02	1.87E-02	5.62E+00		37.5	0.0131195		138	0.04828		7	0.002449		3.5	1.22449E-06		65.5	2.29E-05		81.5	2.85131E-05		325.5	0.000114
15.75	85	2.15E-02	2.06E-02	6.19E+00		37.5	0.0144407		138	0.053142		7	0.002696		3.5	1.3478E-06		65.5	2.52E-05		81.5	3.13844E-05		325.5	0.000125
15.83333	90	2.36E-02	2.25E-02	6.76E+00	38	29	0.0157711	117	110.5	0.058038	6	5.5	0.002944	6	8	1.47197E-06	49	36	2.75E-05	78	66	3.42759E-05	309	264	0.000137
15.91667	95	2.72E-02	2.54E-02	7.61E+00		29	0.0137283		110.5	0.05231		5.5	0.002604		8	3.78711E-06		36	1.7E-05		66	3.12437E-05		264	0.000125
16	100	3.41E-02	3.06E-02	9.19E+00		29	0.0165786		110.5	0.06317		5.5	0.003144		8	4.57341E-06		36	2.06E-05		66	3.77307E-05		264	0.000151
16.08333	105	4.76E-02	4.09E-02	1.23E+01	20	28	0.0221105	104	111	0.084248	5	6	0.004193	10	7.5	6.09944E-06	23	37	2.74E-05	54	50	5.03204E-05	219	258	0.000201
16.16667	110	7.02E-02	5.89E-02	1.77E+01		28	0.0307845		111	0.122039		6	0.006597		7.5	8.24585E-06		37	4.07E-05		50	5.49724E-05		258	0.000284
16.25	115	0.1121205	9.12E-02	2.74E+01		28	0.0476365		111	0.188845		6	0.010208		7.5	1.27598E-05		37	6.29E-05		50	8.50651E-05		258	0.000439
16.33333	120	0.1918496	1.52E-01	4.56E+01	36	35	0.0794138	118	142.5	0.314819	7	8	0.017017	5	5	2.12716E-05	51	53	0.000105	46	51.5	0.00014181	297	258	0.000732
16.41667	125	0.2829396	2.37E-01	7.12E+01		35	0.1550516		142.5	0.631281		8	0.03544		5	2.21502E-05		53	0.000235		51.5	0.000228147		258	0.001143
16.5	130	0.3725314	3.28E-01	9.83E+01		35	0.2140567		142.5	0.871517		8	0.048927		5	3.05795E-05		53	0.000324		51.5	0.000314969		258	0.001578
16.58333	135	0.4489214	4.11E-01	1.23E+02	34	29.5	0.2682613	167	126.5	1.092207	9	8	0.061317	5	4	3.8323E-05	55	56.5	0.000406	57	60.5	0.000394727	219	235.5	0.001977
16.66667	140	0.5046777	4.77E-01	1.43E+02		29.5	0.2624794		126.5	1.125547		8	0.071181		4	3.55904E-05		56.5	0.000503		60.5	0.000538305		235.5	0.002095
16.75	145	0.5401193	5.22E-01	1.57E+02		29.5	0.2875817		126.5	1.233189		8	0.077988		4	3.89941E-05		56.5	0.000551		60.5	0.000589786		235.5	0.002296
16.83333	150	0.5642663	5.52E-01	1.66E+02	25	27.5	0.3039836	86	107.5	1.303523	7	8	0.082436	3	3	4.12181E-05	58	59.5	0.000582	64	64.5	0.000623424	252	277	0.002427
16.91667	155	0.5814481	5.73E-01	1.72E+02		27.5	0.2939791		107.5	1.149191		8	0.085521		3	3.20704E-05		59.5	0.000638		64.5	0.000689515		277	0.002961
17	160	0.5927466	5.87E-01	1.76E+02		27.5	0.3012868		107.5	1.177758		8	0.087647		3	3.28677E-05		59.5	0.000652		64.5	0.000706655		277	0.003035
17.08333	165	0.5998296	5.96E-01	1.79E+02	30	40.5	0.3060033	129	118	1.196195	9	9.5	0.089019	3	4	3.33822E-05	61	54	0.000682	65	64	0.000717717	302	269	0.003082
17.16667	170	0.5877042	5.94E-01	1.78E+02		40.5	0.448754		118	1.307481		9.5	0.105263		4	4.43214E-05		54	0.000598		64	0.000709142		269	0.002981
17.25	175	0.3979087	4.93E-01	1.48E+02		40.5	0.3724507		118	1.085165		9.5	0.087365		4	3.67852E-05		54	0.000497		64	0.000588584		269	0.002474
17.33333	180	0.3549592	3.76E-01	1.13E+02	51	47	0.2844993	107	114	0.828911	10	9	0.066734	5	7	2.80987E-05	47	48	0.000379	63	102.5	0.000449579	236	271	0.00189
17.41667	185	0.3484067	3.52E-01	1.06E+02		47	0.3084512		114	0.748158		9	0.059065		7	4.59395E-05		48	0.000315		102.5	0.000672686		271	0.001779
17.5	190	0.3502322	3.49E-01	1.05E+02		47	0.3063783		114	0.74313		9	0.058668		7	4.56308E-05		48	0.000313		102.5	0.000668165		271	0.001767
17.58333	195	0.3513037	3.51E-01	1.05E+02		47	0.3076487		114	0.746212		9	0.058911	9	7	4.582E-05	49	42	0.000314	142	140.5	0.000670936	306	294	0.001774
17.66667	200	0.3372522	3.44E-01	1.03E+02		47	0.3019565		114	0.732405		9	0.057821		7	4.49722E-05		42	0.00027		140.5	0.000902657		294	0.001889
17.75	205	0.3120297	3.25E-01	9.74E+01		47	0.2847335		114	0.69063		9	0.054523		7	4.24071E-05		42	0.000254		140.5	0.000851171		294	0.001781
17.83333	210	0.2857736	2.99E-01	8.97E+01		47	0.2621582		114	0.635873		9	0.050201		7	3.90448E-05		42	0.000234		140.5	0.000783686		294	0.00164
17.91667	215	0.2626232	2.74E-01	8.23E+01		47	0.2404917		114	0.58332		9	0.046052		7	3.58179E-05		42	0.000215		140.5	0.000718917		294	0.001504
18	220	0.2449568	2.54E-01	7.61E+01		47	0.2225921		114	0.539904		9	0.042624		7	3.3152E-05		42	0.000199		140.5	0.000665408		294	0.001392
18.08333	225	0.2327168	2.39E-01	7.17E+01		47	0.209477		114	0.508093		9	0.040113	5	4	3.11987E-05	35	37.5	0.000187	139	120.5	0.000626203	282	252.5	0.00131
18.16667	230	0.2246048	2.29E-01	6.86E+01		47	0.200552		114	0.486445		9	0.038404		4	1.70683E-05		37.5	0.00016		120.5	0.000514181		252.5	0.001077
18.25	235	0.2189218	2.22E-01	6.65E+01		47	0.1945024		114	0.471772		9	0.037245		4	1.65534E-05		37.5	0.000155		120.5	0.000498671		252.5	0.001045
18.33333	240	0.2140303	2.16E-01	6.49E+01	43	48	0.1898651	121	91	0.460524	8	9	0.036357	3	4	1.61587E-05	40	37.5	0.000151	102	120.5	0.000486782	223	252.5	0.00102
18.41667	245	0.2105277	2.12E-01	6.37E+01		48	0.1901453		91	0.360484		9	0.035652		4	1.58454E-05		37.5	0.000149		120.5	0.000477344		252.5	0.001
18.5	250	0.2080383	2.09E-01	6.28E+01		48	0.1874617		91	0.355396		9	0.035149		4	1.56218E-05		37.5	0.000146		120.5	0.000470607		252.5	0.000986
18.58333	255	0.2062831	2.07E-01	6.21E+01		48	0.1855607		91	0.351792		9	0.034793	5	5	1.54634E-05	35	35	0.000145	139	139	0.000465835	282	282	0.000976
18.66667	260	0.2050481	2.06E-01	6.17E+01		48	0.1842215		91	0.349253		9	0.034542		5	1.91897E-05		35	0.000134		139	0.000533475		282	0.001082
18.75	265	0.2042714	2.05E-01	6.14E+01		48	0.1833205		91	0.347545		9	0.034373		5	1.90959E-05		35	0.000134		139	0.000530866		282	0.001077

Conduit CSO 1013

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
6.49E+03	9.08	18.36	36.53	3.72	0.00	0.02	0.03	0.09

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
18.83333	270	0.2036567	2.04E-01	6.12E+01		48	0.1826973		91	0.346364		9	0.034256	5	5	1.9031E-05	35	35	0.000133	139	139	0.000529061	282	282	0.001073
18.91667	275	0.2033757	2.04E-01	6.11E+01		48	0.1822962		91	0.345603		9	0.034181	5	5	1.89892E-05	35	35	0.000133	139	139	0.000527899	282	282	0.001071
19	280	0.2031834	2.03E-01	6.10E+01		48	0.1820842		91	0.345201		9	0.034141	5	5	1.89671E-05	35	35	0.000133	139	139	0.000527285	282	282	0.00107
19.08333	285	0.2011982	2.02E-01	6.07E+01		48	0.181109		91	0.343352		9	0.033958	5	4	1.88655E-05	35	33.5	0.000132	139	96	0.000524461	282	215	0.001064
19.16667	290	0.1862516	1.94E-01	5.81E+01		48	0.1735258		91	0.328976		9	0.032536	4	4	1.44605E-05	33.5	33.5	0.000121	96	96	0.000347052	215	215	0.000777
19.25	295	0.1624979	1.74E-01	5.23E+01		48	0.1561932		91	0.296116		9	0.029286	4	4	1.30161E-05	33.5	33.5	0.000109	96	96	0.000312386	215	215	0.0007
19.33333	300	0.1375301	1.50E-01	4.50E+01	53	53	0.1343725	61	61	0.254748	10	10	0.025195	3	4	1.11977E-05	32	29.5	9.38E-05	53	65	0.000268745	148	171	0.000602
19.41667	305	0.1162198	1.27E-01	3.81E+01		53	0.1254842		61	0.144425		10	0.023676	4	4	9.47051E-06		29.5	6.98E-05		65	0.000153896		171	0.000405
19.5	310	0.1010237	1.09E-01	3.26E+01		53	0.1074311		61	0.123647		10	0.02027	4	4	8.10801E-06		29.5	5.98E-05		65	0.000131755		171	0.000347
19.58333	315	8.97E-02	9.54E-02	2.86E+01		53	0.0943214		61	0.108559		10	0.017796	5	5	7.11859E-06	27	27	5.25E-05	77	77	0.000115677	194	194	0.000304
19.66667	320	8.16E-02	8.56E-02	2.57E+01		53	0.0847034		61	0.097489		10	0.015982	5	5	7.99089E-06		27	4.32E-05		77	0.00012306		194	0.00031
19.75	325	7.57E-02	7.86E-02	2.36E+01		53	0.0777775		61	0.089517		10	0.014675	5	5	7.3375E-06		27	3.96E-05		77	0.000112997		194	0.000285
19.83333	330	7.14E-02	7.35E-02	2.21E+01		53	0.0727324		61	0.083711		10	0.013723	5	5	6.86154E-06		27	3.71E-05		77	0.000105668		194	0.000266
19.91667	335	0.2476843	1.60E-01	4.79E+01		53	0.1577798		61	0.181596		10	0.02977	5	5	1.48849E-05		27	8.04E-05		77	0.000229227		194	0.000578
20	340	0.3310796	2.89E-01	8.68E+01		53	0.2862099		61	0.329411		10	0.054002	5	5	2.70009E-05		27	0.000146		77	0.000415814		194	0.001048
20.08333	345	0.3469017	3.39E-01	1.02E+02		53	0.3352748		61	0.385882		10	0.063259	5	5	3.16297E-05	27	27	0.000171	77	77	0.000487097	194	194	0.001227
20.16667	350	0.3482089	3.48E-01	1.04E+02		53	0.3437456		61	0.395632		10	0.064858	5	5	3.24288E-05		27	0.000175		77	0.000499404		194	0.001258
20.25	355	0.3469916	3.48E-01	1.04E+02		53	0.34379		61	0.395683		10	0.064866	5	5	3.2433E-05		27	0.000175		77	0.000499469		194	0.001258
20.33333	360	0.3456695	3.46E-01	1.04E+02		53	0.3425343		61	0.394238		10	0.064629	5	5	3.23146E-05		27	0.000174		77	0.000497644		194	0.001254
20.41667	365	0.3444202	3.45E-01	1.04E+02		53	0.3412626		61	0.392774		10	0.064389	5	5	3.21946E-05		27	0.000174		77	0.000495797		194	0.001249
20.5	370	0.3433374	3.44E-01	1.03E+02		53	0.3401094		61	0.391447		10	0.064172	5	5	3.20858E-05		27	0.000173		77	0.000494121		194	0.001245
20.58333	375	0.342357	3.43E-01	1.03E+02		53	0.3390891		61	0.390272		10	0.063979	5	5	3.19895E-05		27	0.000173		77	0.000492639		194	0.001241
20.66667	380	0.3414707	3.42E-01	1.03E+02		53	0.338166		61	0.38921		10	0.063805	5	5	3.19024E-05		27	0.000172		77	0.000491298		194	0.001238
20.75	385	0.3405227	3.41E-01	1.02E+02		53	0.3372589		61	0.388166		10	0.063634	5	5	3.18169E-05		27	0.000172		77	0.00048998		194	0.001234
20.83333	390	0.3396748	3.40E-01	1.02E+02		53	0.3363708		61	0.387144		10	0.063466	5	5	3.17331E-05		27	0.000171		77	0.00048869		194	0.001231
20.91667	395	0.3388701	3.39E-01	1.02E+02		53	0.3355535		61	0.386203		10	0.063312	5	5	3.1656E-05		27	0.000171		77	0.000487502		194	0.001228
21	400	0.3381204	3.38E-01	1.02E+02		53	0.3347848		61	0.385318		10	0.063167	5	5	3.15835E-05		27	0.000171		77	0.000486386		194	0.001225
21.08333	405	0.3347949	3.36E-01	1.01E+02		53	0.3327696		61	0.382999		10	0.062787	5	5	3.13934E-05		27	0.00017		77	0.000483458		194	0.001218
21.16667	410	0.3167833	3.26E-01	9.77E+01		53	0.322218		61	0.370855		10	0.060796	5	5	3.03979E-05		27	0.000164		77	0.000468128		194	0.001179
21.25	415	0.2906503	3.04E-01	9.11E+01		53	0.3003876		61	0.345729		10	0.056677	5	5	2.83385E-05		27	0.000153		77	0.000436412		194	0.0011
21.33333	420	0.263747	2.77E-01	8.32E+01		53	0.2741601		61	0.315543		10	0.051728	5	5	2.58642E-05		27	0.00014		77	0.000398308		194	0.001004
21.41667	425	0.2392368	2.51E-01	7.54E+01		53	0.2487351		61	0.28628		10	0.046931	5	5	2.34656E-05		27	0.000127		77	0.00036137		194	0.00091
21.5	430	0.2191153	2.29E-01	6.88E+01		53	0.2266638		61	0.260877		10	0.042767	5	5	2.13834E-05		27	0.000115		77	0.000329304		194	0.00083
21.58333	435	0.2007814	2.10E-01	6.30E+01		53	0.207647		61	0.23899		10	0.039179	5	5	1.95893E-05		27	0.000106		77	0.000301676		194	0.00076
21.66667	440	0.1872924	1.94E-01	5.82E+01		53	0.19191		61	0.220878		10	0.036209	5	5	1.81047E-05		27	9.78E-05		77	0.000278813		194	0.000702
21.75	445	0.1774107	1.82E-01	5.47E+01		53	0.1803527		61	0.207576		10	0.034029	5	5	1.70144E-05		27	9.19E-05		77	0.000262022		194	0.00066
21.83333	450	0.1699258	1.74E-01	5.21E+01		53	0.1717646		61	0.197691		10	0.032408	5	5	1.62042E-05		27	8.75E-05		77	0.000249545		194	0.000629
21.91667	455	0.1643853	1.67E-01	5.01E+01		53	0.1653233		61	0.190278		10	0.031193	5	5	1.55965E-05		27	8.42E-05		77	0.000240187		194	0.000605
22	460	0.1601488	1.62E-01	4.87E+01		53	0.1604884		61	0.184713		10	0.030281	5	5	1.51404E-05		27	8.18E-05		77	0.000233162		194	0.000587
22.08333	465	0.1567918	1.58E-01	4.75E+01		53	0.1567332		61	0.180391		10	0.029572	5	5	1.47862E-05		27	7.98E-05		77	0.000227707		194	0.000574
22.16667	470	0.15413	1.55E-01	4.66E+01		53	0.1537568		61	0.176965		10	0.029011	5	5	1.45054E-05		27	7.83E-05		77	0.000223383		194	0.000563
22.25	475	0.1520773	1.53E-01	4.59E+01		53	0.1514254		61	0.174282		10	0.028571	5	5	1.42854E-05		27	7.71E-05		77	0.000219995		194	0.000554
22.33333	480	0.1504878	1.51E-01	4.54E+01		53	0.1496243		61	0.172209		10	0.028231	5	5	1.41155E-05		27	7.62E-05		77	0.000217379		194	0.000548
22.41667	485	0.1492251	1.50E-01	4.50E+01		53	0.1482136		61	0.170586		10	0.027965	5	5	1.39824E-05		27	7.55E-05		77	0.000215329		194	0.000543
22.5	490	0.1482186	1.49E-01	4.46E+01		53	0.1470916		61	0.169294		10	0.027753	5	5	1.38766E-05		27	7.49E-05		77	0.000213699		194	0.000538
22.58333	495	0.1448051	1.47E-01	4.40E+01		53	0.1449059		61	0.166778		10	0.027341	5	5	1.36704E-05		27	7.38E-05		77	0.000210524		194	0.00053
22.66667	500	0.1270105	1.36E-01	4.08E+01		53	0.134418		61	0.154708		10	0.025362	5	5	1.26809E-05		27	6.85E-05		77	0.000195287		194	0.000492
22.75	505	0.1029247	1.15E-01	3.45E+01		53	0.1137074		61	0.130871		10	0.021454	5	5	1.07271E-05		27	5.79E-05		77	0.000165198		194	0.000416
22.83333	510	7.76E-02	9.03E-02	2.71E+01		53	0.0892916		61	0.10277		10	0.016847	5	5	8.42374E-06		27	4.55E-05		77	0.000129726		194	0.000327
22.91667	515	5.38E-02	6.57E-02	1.97E+01		53	0.0649929		61	0.074803		10	0.012263	5	5	6.13141E-06		27	3.31E-05		77	9.44237E-05		194	0.000238
23	520	2.83E-02	4.10E-02	1.23E+01		53	0.0405734		61	0.046698		10	0.007655	5	5	3.82768E-06		27	2.07E-05		77	5.89462E-05		194	0.000149
23.08333	525	1.61E-02	2.22E-02	6.65E+00		53	0.0219275		61	0.025237		10	0.004137	5	5	2.06863E-06		27	1.12E-05		77	3.1657E-05		194	8.03E-05
23.16667	530	9.00E-03	1.25E-02	3.76E+00		53	0.0124035		61	0.014276		10	0.00234	5	5	1.17014E-06		27	6.32E-06		77	1.80202E-05		194	4.54E-05
23.25	535	4.37E-03	6.68E-03	2.01E+00		53	0.0066115		61	0.007609		10	0.001247	5	5	6.23722E-07		27	3.37E-06		77	9.60532E-06		194	2.42E-05
23.33333	540	1.62E-03	2.99E-03	8.96E-01		53	0.0029618		61	0.003409		10	0.000559	5	5	2.79414E-07		27	1.51E-06		77	4.30297E-06		194	1.08E-05

Conduit CSO 1013

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
6.49E+03	9.08	18.36	36.53	3.72	0.00	0.02	0.03	0.09

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
23.41667	545	1.69E-04	8.93E-04	2.68E-01		53	0.0008836		61	0.001017		10	0.000167		5	8.33542E-08		27	4.5E-07		77	1.28365E-06		194	3.23E-06
			8.43E-05	2.53E-02		53	8.342E-05		61	9.6E-05		10	1.57E-05		5	7.87024E-09		27	4.25E-08		77	1.21202E-07		194	3.05E-07

Conduit CSO 1014

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.29E+02	2.92	0.53	2.78	0.12	0.00	0.00	0.00	0.00

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
16.16667	0	7.59E-04			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
16.25	5	2.76E-03	1.76E-03	5.28E-01		80	0.002626		761.5	0.024999		36.5	0.001198		7.5	2.46219E-07		172.5	5.66E-06		283.5	9.30707E-06		639	2.1E-05
16.33333	10	5.80E-03	4.28E-03	1.28E+00		80	0.006389		761.5	0.060811		36.5	0.002915		7.5	5.98924E-07		172.5	1.38E-05		283.5	2.26393E-05		639	5.1E-05
16.41667	15	1.07E-02	8.25E-03	2.48E+00	69	58	0.012322	451	358.5	0.117292	24	17.5	0.005622	4	5.5	1.15521E-06	130	107	2.66E-05	198	147.5	4.36669E-05	446	410.5	9.84E-05
16.5	20	1.70E-02	1.38E-02	4.15E+00		58	0.014984		358.5	0.092615		17.5	0.004521		5.5	1.42088E-06		107	2.76E-05		147.5	3.81053E-05		410.5	0.000106
16.58333	25	2.33E-02	2.02E-02	6.05E+00		58	0.021814		358.5	0.134835		17.5	0.006582		5.5	2.0686E-06		107	4.02E-05		147.5	5.54762E-05		410.5	0.000154
16.66667	30	2.93E-02	2.63E-02	7.90E+00	47	42	0.028484	266	238.5	0.176063	11	9.5	0.008594	7	5.5	2.70111E-06	84	69.5	5.25E-05	97	90.5	7.24388E-05	375	307	0.000202
16.75	35	3.46E-02	3.20E-02	9.59E+00		42	0.025053		238.5	0.142262		9.5	0.005667		5.5	3.28068E-06		69.5	4.15E-05		90.5	5.39822E-05		307	0.000183
16.83333	40	3.94E-02	3.70E-02	1.11E+01		42	0.029022		238.5	0.164802		9.5	0.006564		5.5	3.80047E-06		69.5	4.8E-05		90.5	6.25351E-05		307	0.000212
16.91667	45	4.39E-02	4.17E-02	1.25E+01	37	32	0.032652	211	192.5	0.185417	8	7	0.007386	4	3.5	4.27586E-06	55	57	5.4E-05	84	101.5	7.03573E-05	239	258.5	0.000239
17	50	4.75E-02	4.57E-02	1.37E+01		32	0.02729		192.5	0.164169		7	0.00597		3.5	2.9849E-06		57	4.86E-05		101.5	8.6562E-05		258.5	0.00022
17.08333	55	5.04E-02	4.90E-02	1.47E+01		32	0.029248		192.5	0.175947		7	0.006398		3.5	3.19904E-06		57	5.21E-05		101.5	9.27721E-05		258.5	0.000236
17.16667	60	5.29E-02	5.17E-02	1.55E+01	27	32	0.030848	174	166.5	0.185573	6	7	0.006748	3	2	3.37405E-06	59	70.5	5.49E-05	119	102	9.78474E-05	278	310	0.000249
17.25	65	5.50E-02	5.40E-02	1.62E+01		32	0.03222		166.5	0.167643		7	0.007048		2	2.01373E-06		70.5	7.1E-05		102	0.0001027		310	0.000312
17.33333	70	5.68E-02	5.59E-02	1.68E+01		32	0.033407		166.5	0.173818		7	0.007308		2	2.08791E-06		70.5	7.36E-05		102	0.000106483		310	0.000324
17.41667	75	5.86E-02	5.77E-02	1.73E+01	37	37.5	0.034461	159	138	0.179306	8	7	0.007538	1	3.5	2.15383E-06	82	65.5	7.59E-05	85	81.5	0.000109845	342	325.5	0.000334
17.5	80	6.03E-02	5.94E-02	1.78E+01		37.5	0.041594		138	0.153067		7	0.007764		3.5	3.88214E-06		65.5	7.27E-05		81.5	9.03985E-05		325.5	0.000361
17.58333	85	5.93E-02	5.98E-02	1.79E+01		37.5	0.041847		138	0.153998		7	0.007811		3.5	3.90574E-06		65.5	7.31E-05		81.5	9.09479E-05		325.5	0.000363
17.66667	90	4.53E-02	5.23E-02	1.57E+01	38	29	0.036603	117	110.5	0.1347	6	5.5	0.006833	6	8	3.41632E-06	49	36	6.39E-05	78	66	7.95513E-05	309	264	0.000318
17.75	95	2.84E-02	3.68E-02	1.11E+01		29	0.019941		110.5	0.075981		5.5	0.003782		8	5.5009E-06		36	2.48E-05		66	4.53824E-05		264	0.000182
17.83333	100	1.57E-02	2.20E-02	6.60E+00		29	0.011913		110.5	0.045394		5.5	0.002259		8	3.28645E-06		36	1.48E-05		66	2.71132E-05		264	0.000108
17.91667	105	7.69E-03	1.17E-02	3.50E+00	20	28	0.006316	104	111	0.024065	5	6	0.001198	10	7.5	1.74228E-06	23	37	7.84E-06	54	50	1.43738E-05	219	258	5.75E-05
18	110	4.50E-03	6.10E-03	1.83E+00		28	0.003185		111	0.012627		6	0.000683		7.5	8.53157E-07		37	4.21E-06		50	5.68772E-06		258	2.93E-05
18.08333	115	2.78E-03	3.64E-03	1.09E+00		28	0.001903		111	0.007546		6	0.000408		7.5	5.09862E-07		37	2.52E-06		50	3.39908E-06		258	1.75E-05
18.16667	120	1.80E-03	2.29E-03	6.87E-01	36	35	0.001196	118	142.5	0.004743	7	8	0.000256	5	5	3.20474E-07	51	53	1.58E-06	46	51.5	2.13649E-06	297	258	1.1E-05
18.25	125	1.24E-03	1.52E-03	4.56E-01		35	0.000992		142.5	0.004039		8	0.000227		5	1.41703E-07		53	1.5E-06		51.5	1.45954E-06		258	7.31E-06
18.33333	130	9.26E-04	1.08E-03	3.25E-01		35	0.000707		142.5	0.00288		8	0.000162		5	1.01038E-07		53	1.07E-06		51.5	1.04069E-06		258	5.21E-06
18.41667	135	7.54E-04	8.40E-04	2.52E-01	34	29.5	0.000549	167	126.5	0.002234	9	8	0.000125	5	4	7.83843E-08	55	56.5	8.31E-07	57	60.5	8.07358E-07	219	235.5	4.04E-06
18.5	140	6.66E-04	7.10E-04	2.13E-01		29.5	0.000391		126.5	0.001676		8	0.000106		4	5.30109E-08		56.5	7.49E-07		60.5	8.0179E-07		235.5	3.12E-06
18.58333	145	6.28E-04	6.47E-04	1.94E-01		29.5	0.000356		126.5	0.001527		8	9.66E-05		4	4.82956E-08		56.5	6.82E-07		60.5	7.3047E-07		235.5	2.84E-06
18.66667	150	6.24E-04	6.26E-04	1.88E-01	25	27.5	0.000345	86	107.5	0.001477	7	8	9.34E-05	3	3	4.67188E-08	58	59.5	6.6E-07	64	64.5	7.06622E-07	252	277	2.75E-06
18.75	155	6.44E-04	6.34E-04	1.90E-01		27.5	0.000325		107.5	0.001272		8	9.46E-05		3	3.54909E-08		59.5	7.04E-07		64.5	7.63053E-07		277	3.28E-06
18.83333	160	6.81E-04	6.62E-04	1.99E-01		27.5	0.00034		107.5	0.001329		8	9.89E-05		3	3.70861E-08		59.5	7.36E-07		64.5	7.97352E-07		277	3.42E-06
18.91667	165	7.33E-04	7.07E-04	2.12E-01	30	40.5	0.000363	129	118	0.001418	9	9.5	0.000106	3	4	3.95712E-08	61	54	7.85E-07	65	64	8.50781E-07	302	269	3.65E-06
19	170	7.98E-04	7.66E-04	2.30E-01		40.5	0.000579		118	0.001686		9.5	0.000136		4	5.71424E-08		54	7.71E-07		64	9.14279E-07		269	3.84E-06
19.08333	175	5.84E-04	6.91E-04	2.07E-01		40.5	0.000522		118	0.001522		9.5	0.000123		4	5.15906E-08		54	6.96E-07		64	8.25449E-07		269	3.47E-06
	180		2.92E-04	8.76E-02	51	47	0.000221	107	114	0.000643	10	9	5.18E-05	5	7	2.1804E-08	47	48	2.94E-07	63	102.5	3.48864E-07	236	271	1.47E-06
	185		0.00E+00	0.00E+00		47	0		114	0		9	0		7	0		48	0		102.5	0		271	0
	190		0.00E+00	0.00E+00		47	0		114	0		9	0		7	0		48	0		102.5	0		271	0
	195		0.00E+00	0.00E+00		47	0		114	0		9	0	9	7	0	49	42	0	142	140.5	0	306	294	0
	200		0.00E+00	0.00E+00		47	0		114	0		9	0		7	0		42	0		140.5	0		294	0
	205		0.00E+00	0.00E+00		47	0		114	0		9	0		7	0		42	0		140.5	0		294	0
	210		0.00E+00	0.00E+00		47	0		114	0		9	0		7	0		42	0		140.5	0		294	0
	215		0.00E+00	0.00E+00		47	0		114	0		9	0		7	0		42	0		140.5	0		294	0
	220		0.00E+00	0.00E+00		47	0		114	0		9	0		7	0		42	0		140.5	0		294	0
	225		0.00E+00	0.00E+00		47	0		114	0		9	0	5	4	0	35	37.5	0	139	120.5	0	282	252.5	0
	230		0.00E+00	0.00E+00		47	0		114	0		9	0		4	0		37.5	0		120.5	0		252.5	0
	235		0.00E+00	0.00E+00		47	0		114	0		9	0		4	0		37.5	0		120.5	0		252.5	0
	240		0.00E+00	0.00E+00	43	43	0	121	121	0	8	8	0	3	3	0	40	40	0	102	102	0	223	223	0

Conduit CSO 1016

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
1.94E+04	8.42	52.30	118.72	10.58	0.01	0.05	0.11	0.30

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
14.83333	0	1.48E-04			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
14.91667	5	1.06E-03	6.04E-04	1.81E-01		80	0.000901		761.5	0.008579		36.5	0.000411		7.5	8.44925E-08		172.5	1.94333E-06		283.5	3.19381E-06		639	7.19878E-06
15	10	2.07E-03	1.57E-03	4.70E-01		80	0.002338		761.5	0.022259		36.5	0.001067		7.5	2.19224E-07		172.5	5.04215E-06		283.5	8.28666E-06		639	1.86779E-05
15.08333	15	3.09E-03	2.58E-03	7.74E-01	69	58	0.003851	451	358.5	0.03666	24	17.5	0.001757	4	5.5	3.6106E-07	130	107	8.30437E-06	198	147.5	1.36481E-05	446	410.5	3.07623E-05
15.16667	20	4.63E-03	3.86E-03	1.16E+00		58	0.004176		358.5	0.025811		17.5	0.00126		5.5	3.95983E-07		107	7.70367E-06		147.5	1.06195E-05		410.5	2.95547E-05
15.25	25	7.23E-03	5.93E-03	1.78E+00		58	0.006421		358.5	0.039688		17.5	0.001937		5.5	6.08885E-07		107	1.18456E-05		147.5	1.63292E-05		410.5	4.5445E-05
15.33333	30	1.09E-02	9.07E-03	2.72E+00	47	42	0.009822	266	238.5	0.06071	11	9.5	0.002964	7	5.5	9.31393E-07	84	69.5	1.81198E-05	97	90.5	2.49783E-05	375	307	6.95158E-05
15.41667	35	1.54E-02	1.31E-02	3.94E+00		42	0.010295		238.5	0.058459		9.5	0.002329		5.5	1.34812E-06		69.5	1.70353E-05		90.5	2.21827E-05		307	7.52495E-05
15.5	40	2.00E-02	1.77E-02	5.31E+00		42	0.013871		238.5	0.078765		9.5	0.003137		5.5	1.81639E-06		69.5	2.29526E-05		90.5	2.98879E-05		307	0.000101388
15.58333	45	2.45E-02	2.23E-02	6.68E+00	37	32	0.017452	211	192.5	0.099104	8	7	0.003948	4	3.5	2.28541E-06	55	57	2.88793E-05	84	101.5	3.76054E-05	239	258.5	0.000127568
15.66667	50	2.85E-02	2.65E-02	7.95E+00		32	0.015817		192.5	0.09515		7	0.00346		3.5	1.73E-06		57	2.81742E-05		101.5	5.01699E-05		258.5	0.000127773
15.75	55	3.28E-02	3.08E-02	9.19E+00		32	0.018299		192.5	0.110081		7	0.004003		3.5	2.00147E-06		57	3.25953E-05		101.5	5.80425E-05		258.5	0.000147823
15.83333	60	4.10E-02	3.69E-02	1.11E+01	27	32	0.022044	174	166.5	0.132608	6	7	0.004822	3	2	2.41106E-06	59	70.5	3.92658E-05	119	102	6.99207E-05	278	310	0.000178074
15.91667	65	5.98E-02	5.04E-02	1.51E+01		32	0.030106		166.5	0.156648		7	0.006586		2	1.88165E-06		70.5	6.63283E-05		102	9.59644E-05		310	0.000291656
16	70	0.101486	8.06E-02	2.42E+01		32	0.04816		166.5	0.25058		7	0.010535		2	3.00997E-06		70.5	0.000106101		102	0.000153508		310	0.000466545
16.08333	75	0.1592412	1.30E-01	3.91E+01	37	37.5	0.077847	159	138	0.405049	8	7	0.017029	1	3.5	4.86546E-06	82	65.5	0.000171507	85	81.5	0.000248138	342	325.5	0.000754146
16.16667	80	0.2439693	2.02E-01	6.05E+01		37.5	0.141082		138	0.51918		7	0.026335		3.5	1.31676E-05		65.5	0.000246423		81.5	0.000306817		325.5	0.001224588
16.25	85	0.3817403	3.13E-01	9.39E+01		37.5	0.218933		138	0.805674		7	0.040868		3.5	2.04338E-05		65.5	0.000382403		81.5	0.000475815		325.5	0.001900339
16.33333	90	0.5654771	4.74E-01	1.42E+02	38	29	0.331427	117	110.5	1.219652	6	5.5	0.061866	6	8	3.09332E-05	49	36	0.000578893	78	66	0.000720302	309	264	0.002876789
16.41667	95	0.753179	6.59E-01	1.98E+02		29	0.35681		110.5	1.359569		5.5	0.067671		8	9.84303E-05		36	0.000442936		66	0.00081205		264	0.0032482
16.5	100	0.9125812	8.33E-01	2.50E+02		29	0.450731		110.5	1.717442		5.5	0.085484		8	0.00012434		36	0.000559529		66	0.001025803		264	0.00410321
16.58333	105	1.035823	9.74E-01	2.92E+02	20	28	0.527211	104	111	2.008855	5	6	0.099988	10	7.5	0.000145437	23	37	0.000654469	54	50	0.001199859	219	258	0.004799437
16.66667	110	1.128581	1.08E+00	3.25E+02		28	0.565462		111	2.241654		6	0.121171		7.5	0.000151463		37	0.000747218		50	0.001009754		258	0.005210332
16.75	115	1.196768	1.16E+00	3.49E+02		28	0.60751		111	2.408344		6	0.130181		7.5	0.000162726		37	0.000802781		50	0.001084839		258	0.005597772
16.83333	120	1.246576	1.22E+00	3.67E+02	36	35	0.638337	118	142.5	2.53055	7	8	0.136786	5	5	0.000170983	51	53	0.000843517	46	51.5	0.001139887	297	258	0.005881819
16.91667	125	1.281447	1.26E+00	3.79E+02		35	0.825575		142.5	3.361269		8	0.188703		5	0.000117939		53	0.001250156		51.5	0.001214774		258	0.006085665
17	130	1.303829	1.29E+00	3.88E+02		35	0.844272		142.5	3.437392		8	0.192976		5	0.00012061		53	0.001278469		51.5	0.001242286		258	0.006223489
17.08333	135	1.318585	1.31E+00	3.93E+02	34	29.5	0.8564	167	126.5	3.486771	9	8	0.195749	5	4	0.000122343	55	56.5	0.001296834	57	60.5	0.001260131	219	235.5	0.006312891
17.16667	140	1.33211	1.33E+00	3.98E+02		29.5	0.729607		126.5	3.128655		8	0.19786		4	9.89298E-05		56.5	0.001397383		60.5	0.001496313		235.5	0.005824491
17.25	145	1.344745	1.34E+00	4.02E+02		29.5	0.736808		126.5	3.159532		8	0.199812		4	9.99061E-05		56.5	0.001411174		60.5	0.00151108		235.5	0.005881974
17.33333	150	1.354913	1.35E+00	4.05E+02	25	27.5	0.743084	86	107.5	3.186446	7	8	0.201514	3	3	0.000100757	58	59.5	0.001423195	64	64.5	0.001523953	252	277	0.00593208
17.41667	155	1.363119	1.36E+00	4.08E+02		27.5	0.69742		107.5	2.726279		8	0.202886		3	7.60822E-05		59.5	0.001508964		64.5	0.001635768		277	0.007024925
17.5	160	1.369885	1.37E+00	4.10E+02		27.5	0.701262		107.5	2.741297		8	0.204003		3	7.65013E-05		59.5	0.001517276		64.5	0.001644778		277	0.007063821
17.58333	165	1.36654	1.37E+00	4.10E+02	30	40.5	0.70214	129	118	2.744728	9	9.5	0.204259	3	4	7.65971E-05	61	54	0.001519175	65	64	0.001646837	302	269	0.007072463
17.66667	170	1.316661	1.34E+00	4.02E+02		40.5	1.013948		118	2.954218		9.5	0.23784		4	0.000100143		54	0.00135193		64	0.001602288		269	0.006734616
17.75	175	1.24967	1.28E+00	3.85E+02		40.5	0.969784		118	2.825544		9.5	0.22748		4	9.57811E-05		54	0.001293045		64	0.001532498		269	0.006441282
17.83333	180	1.193498	1.22E+00	3.66E+02	51	47	0.923242	107	114	2.689941	10	9	0.216563	5	7	9.11844E-05	47	48	0.00123099	63	102.5	0.001458951	236	271	0.006132153
17.91667	185	1.154991	1.17E+00	3.52E+02		47	1.029897		114	2.498048		9	0.197214		7	0.000153389		48	0.00105181		102.5	0.002246052		271	0.005938341
18	190	1.131879	1.14E+00	3.43E+02		47	1.002875		114	2.432505		9	0.19204		7	0.000149364		48	0.001024212		102.5	0.00218712		271	0.005782533
18.08333	195	1.11671	1.12E+00	3.37E+02		47	0.986087		114	2.391786		9	0.188825	9	7	0.000146864	49	42	0.001007068	142	140.5	0.002150509	306	294	0.005685736
18.16667	200	1.102761	1.11E+00	3.33E+02		47	0.973318		114	2.360813		9	0.18638		7	0.000144962		42	0.000869773		140.5	0.002909599		294	0.006088414
18.25	205	1.089767	1.10E+00	3.29E+02		47	0.961502		114	2.332155		9	0.184117		7	0.000143202		42	0.000859215		140.5	0.002874278		294	0.006014504
18.33333	210	1.079115	1.08E+00	3.25E+02		47	0.951133		114	2.307003		9	0.182132		7	0.000141658		42	0.000849948		140.5	0.00284328		294	0.005949639
18.41667	215	1.070659	1.07E+00	3.22E+02		47	0.942753		114	2.286678		9	0.180527		7	0.00014041		42	0.00084246		140.5	0.00281823		294	0.005897222
18.5	220	1.063562	1.07E+00	3.20E+02		47	0.935933		114	2.270134		9	0.179221		7	0.000139394		42	0.000836365		140.5	0.002797841		294	0.005854557
18.58333	225	1.057454	1.06E+00	3.18E+02		47	0.930142		114	2.256089		9	0.178112	5	4	0.000138532	35	37.5	0.000831191	139	120.5	0.00278053	282	252.5	0.005818334
18.66667	230	1.051921	1.05E+00	3.16E+02		47	0.925037		114	2.243706		9	0.177135		4	7.87265E-05		37.5	0.000738061		120.5	0.002371637		252.5	0.004969612
18.75	235	1.046891	1.05E+00	3.15E+02		47	0.920405		114	2.23247		9	0.176248		4	7.83323E-05		37.5	0.000734365		120.5	0.00235976		252.5	0.004944726
18.83333	240	1.042125	1.04E+00	3.13E+02	43	48	0.916109	121	91	2.222051	8	9	0.175425	3	4	7.79667E-05	40	37.5	0.000730938	102	120.5	0.002348747	223	252.5	0.004921647
18.91667	245	1.037599	1.04E+00	3.12E+02		48	0.931439		91	1.765853		9	0.174645		4	7.76199E-05		37.5	0.000727686		120.5	0.002338299		252.5	0.004899756
19	250	1.03315	1.04E+00	3.11E+02		48	0.927419		91	1.758232		9	0.173891		4	7.72849E-05		37.5	0.000724546		120.5	0.002328208		252.5	0.004878611
19.08333	255	1.021734	1.03E+00	3.08E+02		48	0.920314		91	1.744761		9	0.172559	5	5	7.66928E-05	35	35	0.000718995	139	139	0.002310371	282	282	0.004841234
19.16667	260	0.9734262	9.98E-01	2.99E+02		48	0.893565		91	1.694051		9	0.167544		5	9.30797E-05		35	0.000651558		139	0.002587616		282	0.005249697
19.25	265	0.9093928	9.41E-01	2.82E+02		48	0.843252		91	1.598664		9	0.15811		5	8.78387E-05		35	0.000614871		139	0.002441916		282	0.004954103
19.33333	270	0.8530164	8.81E-01	2.64E+02		48	0.789324		91	1.496427		9	0.147998	5	5	8.22213E-05	35	35	0.000575549	139	139	0.002285751	282	282	0.004637279
19.41667	275	0.8099434	8.31E-01	2.49E+02		48	0.744784		91	1.411986		9	0.139647		5	7.75817E-05		35	0.000543072		139	0.00215677		282	0.004375606

Conduit CSO 1016

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
1.94E+04	8.42	52.30	118.72	10.58	0.01	0.05	0.11	0.30

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
19.5	280	0.7795665	7.95E-01	2.38E+02		48	0.711888			91 1.349621		9	0.133479		5	7.4155E-05		35	0.000519085		139	0.00206151		282	0.004182343
19.58333	285	0.7582941	7.69E-01	2.31E+02		48	0.688756			91 1.305767		9	0.129142	5	4	7.17454E-05	35	33.5	0.000502218	139	96	0.001994523	282	215	0.00406443
19.66667	290	0.742911	7.51E-01	2.25E+02		48	0.672339			91 1.274644		9	0.126064		4	5.60283E-05		33.5	0.000469237		96	0.001344679		215	0.003011521
19.75	295	0.7311717	7.37E-01	2.21E+02		48	0.660192			91 1.251614		9	0.123786		4	5.5016E-05		33.5	0.000460759		96	0.001320385		215	0.002957111
19.83333	300	0.7218298	7.27E-01	2.18E+02	53	53	0.650751	61	61	1.233715	10	10	0.122016	3	4	5.42292E-05	32	29.5	0.00045417	53	65	0.001301501	148	171	0.002914821
19.91667	305	0.7142539	7.18E-01	2.15E+02		53	0.710171		61	1.817367		10	0.133995		4	5.35978E-05		29.5	0.000395284		65	0.000870964		171	0.002291307
20	310	0.7081556	7.11E-01	2.13E+02		53	0.703409		61	0.809584		10	0.132719		4	5.30875E-05		29.5	0.00039152		65	0.000862871		171	0.002269489
20.08333	315	0.7031269	7.06E-01	2.12E+02		53	0.697906		61	0.803251		10	0.13168	5	5	5.26722E-05	27	27	0.000388457	77	77	0.000855923	194	194	0.002251736
20.16667	320	0.6993358	7.01E-01	2.10E+02		53	0.693545		61	0.798231		10	0.130858		5	6.54288E-05		27	0.000353315		77	0.001007603		194	0.002538638
20.25	325	0.6966829	6.98E-01	2.09E+02		53	0.690358		61	0.794563		10	0.130256		5	6.51281E-05		27	0.000351692		77	0.001002973		194	0.002526971
20.33333	330	0.6946909	6.96E-01	2.09E+02		53	0.688061		61	0.791919		10	0.129823		5	6.49114E-05		27	0.000350522		77	0.000999638		194	0.002518563
20.41667	335	0.6930256	6.94E-01	2.08E+02		53	0.686253		61	0.789838		10	0.129482		5	6.47408E-05		27	0.0003496		77	0.000997008		194	0.002511943
20.5	340	0.6918496	6.92E-01	2.08E+02		53	0.684847		61	0.788221		10	0.129217		5	6.46083E-05		27	0.000348885		77	0.000994967		194	0.0025068
20.58333	345	0.6907272	6.91E-01	2.07E+02		53	0.683711		61	0.786912		10	0.129002	5	5	6.4501E-05	27	27	0.000348306	77	77	0.000993316	194	194	0.00250264
20.66667	350	0.6896449	6.90E-01	2.07E+02		53	0.682621		61	0.785658		10	0.128796		5	6.43982E-05		27	0.00034775		77	0.000991732		194	0.002496649
20.75	355	0.6887842	6.89E-01	2.07E+02		53	0.68166		61	0.784552		10	0.128615		5	6.43075E-05		27	0.000347261		77	0.000990336		194	0.002495132
20.83333	360	0.6880459	6.88E-01	2.07E+02		53	0.680869		61	0.783642		10	0.128466		5	6.42329E-05		27	0.000346858		77	0.000989187		194	0.002492237
20.91667	365	0.6873504	6.88E-01	2.06E+02		53	0.68016		61	0.782826		10	0.128332		5	6.4166E-05		27	0.000346497		77	0.000988157		194	0.002489642
21	370	0.6865594	6.87E-01	2.06E+02		53	0.679425		61	0.78198		10	0.128193		5	6.40967E-05		27	0.000346122		77	0.000987089		194	0.002486951
21.08333	375	0.6781605	6.82E-01	2.05E+02		53	0.67488		61	0.776749		10	0.127336		5	6.36679E-05		27	0.000343807		77	0.000980486		194	0.002470316
21.16667	380	0.6265857	6.52E-01	1.96E+02		53	0.645222		61	0.742614		10	0.12174		5	6.087E-05		27	0.000328698		77	0.000937398		194	0.002361756
21.25	385	0.5508932	5.89E-01	1.77E+02		53	0.582286		61	0.670178		10	0.109865		5	5.49326E-05		27	0.000296836		77	0.000845983		194	0.002131386
21.33333	390	0.479411	5.15E-01	1.55E+02		53	0.509505		61	0.586412		10	0.096133		5	4.80665E-05		27	0.000259559		77	0.000740225		194	0.001864982
21.41667	395	0.4253738	4.52E-01	1.36E+02		53	0.447434		61	0.514971		10	0.084421		5	4.22107E-05		27	0.000227938		77	0.000650045		194	0.001637775
21.5	400	0.3857304	4.06E-01	1.22E+02		53	0.401107		61	0.461651		10	0.07568		5	3.78402E-05		27	0.000204337		77	0.00058274		194	0.001468202
21.58333	405	0.3585089	3.72E-01	1.12E+02		53	0.368041		61	0.423594		10	0.069442		5	3.47208E-05		27	0.000187492		77	0.000534701		194	0.001347168
21.66667	410	0.3384225	3.48E-01	1.05E+02		53	0.344648		61	0.396668		10	0.065028		5	3.25138E-05		27	0.000175574		77	0.000500712		194	0.001261534
21.75	415	0.3231786	3.31E-01	9.92E+01		53	0.327174		61	0.376559		10	0.061731		5	3.08655E-05		27	0.000166874		77	0.000475329		194	0.001197582
21.83333	420	0.3111372	3.17E-01	9.51E+01		53	0.313681		61	0.36103		10	0.059185		5	2.95926E-05		27	0.0001598		77	0.000455726		194	0.001148192
21.91667	425	0.3016586	3.06E-01	9.19E+01		53	0.303039		61	0.348781		10	0.057177		5	2.85886E-05		27	0.000154379		77	0.000440265		194	0.001109238
22	430	0.2940981	2.98E-01	8.94E+01		53	0.294613		61	0.339083		10	0.055587		5	2.77937E-05		27	0.000150086		77	0.000428023		194	0.001078395
22.08333	435	0.2880277	2.91E-01	8.73E+01		53	0.287872		61	0.331325		10	0.054316		5	2.71578E-05		27	0.000146652		77	0.00041823		194	0.001053722
22.16667	440	0.2832827	2.86E-01	8.57E+01		53	0.282524		61	0.325169		10	0.053306		5	2.66532E-05		27	0.000143927		77	0.000410459		194	0.001034144
22.25	445	0.2796547	2.81E-01	8.44E+01		53	0.278383		61	0.320404		10	0.052525		5	2.62626E-05		27	0.000141818		77	0.000404444		194	0.001018988
22.33333	450	0.2769091	2.78E-01	8.35E+01		53	0.275232		61	0.316776		10	0.05193		5	2.59652E-05		27	0.000140212		77	0.000399865		194	0.001007451
22.41667	455	0.274809	2.76E-01	8.28E+01		53	0.272835		61	0.314018		10	0.051478		5	2.57392E-05		27	0.000138992		77	0.000396383		194	0.00099868
22.5	460	0.2731596	2.74E-01	8.22E+01		53	0.270981		61	0.311884		10	0.051128		5	2.55642E-05		27	0.000138047		77	0.000393689		194	0.000991893
22.58333	465	0.2660346	2.70E-01	8.09E+01		53	0.266642		61	0.30689		10	0.05031		5	2.51549E-05		27	0.000135836		77	0.000387385		194	0.00097601
22.66667	470	0.2252325	2.46E-01	7.37E+01		53	0.242941		61	0.279611		10	0.045838		5	2.2919E-05		27	0.000123762		77	0.000352952		194	0.000889256
22.75	475	0.1616886	1.93E-01	5.80E+01		53	0.19134		61	0.220221		10	0.036102		5	1.80509E-05		27	9.74751E-05		77	0.000277984		194	0.000700378
22.83333	480	0.1005201	1.31E-01	3.93E+01		53	0.129667		61	0.14924		10	0.024466		5	1.22328E-05		27	6.60569E-05		77	0.000188384		194	0.000474631
22.91667	485	6.02E-02	8.04E-02	2.41E+01		53	0.079471		61	0.091467		10	0.014995		5	7.49726E-06		27	4.04852E-05		77	0.000115458		194	0.000290894
23	490	3.58E-02	4.80E-02	1.44E+01		53	0.04745		61	0.054612		10	0.008953		5	4.47638E-06		27	2.41725E-05		77	6.89363E-05		194	0.000173684
23.08333	495	1.90E-02	2.74E-02	8.21E+00		53	0.027067		61	0.031152		10	0.005107		5	2.55348E-06		27	1.37888E-05		77	3.93236E-05		194	9.90751E-05
23.16667	500	8.49E-03	1.37E-02	4.12E+00		53	0.013577		61	0.015627		10	0.002562		5	1.28086E-06		27	6.91665E-06		77	1.97253E-05		194	4.96974E-05
23.25	505	2.57E-03	5.53E-03	1.66E+00		53	0.005469		61	0.006294		10	0.001032		5	5.15916E-07		27	2.78595E-06		77	7.94511E-06		194	2.00176E-05
	510		1.28E-03	3.85E-01		53	0.001271		61	0.001462		10	0.00024												
	515		0.00E+00	0.00E+00		53	0		61	0		10	0												
	520		0.00E+00	0.00E+00		53	0		61	0		10	0												
	525		0.00E+00	0.00E+00		53	0		61	0		10	0												
	530		0.00E+00	0.00E+00		53	0		61	0		10	0												
	535		0.00E+00	0.00E+00		53	0		61	0		10	0												

Conduit CSO 1019

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
4.60E+05	10.67	998	2,744	260	0.14	1.11	2.56	6.84

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
14.33333	0	1.07E-02			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
14.41667	5	0.2101177	1.10E-01	3.31E+01		80	0.16486227		761.5	1.569283		36.5	0.075218		7.5	1.54558E-05		172.5	0.000355484		283.5	0.000584		639	0.001316837
14.5	10	0.9696836	5.90E-01	1.77E+02		80	0.88065579		761.5	8.382742		36.5	0.401799		7.5	8.25615E-05		172.5	0.001898914		283.5	0.003121		639	0.007034238
14.58333	15	1.518293	1.24E+00	3.73E+02	69	58	1.857135603	451	358.5	17.67761	24	17.5	0.847318	4	5.5	0.000174106	130	107	0.004004449	198	147.5	0.006581	446	410.5	0.014833871
14.66667	20	1.949425	1.73E+00	5.20E+02		58	1.876831941		358.5	11.59953		17.5	0.566225		5.5	0.000177956		107	0.003462062		147.5	0.004772		410.5	0.013282024
14.75	25	2.500602	2.23E+00	6.68E+02		58	2.408230083		358.5	14.88535		17.5	0.726621		5.5	0.000228367		107	0.004442769		147.5	0.006124		410.5	0.017044456
14.83333	30	3.162146	2.83E+00	8.49E+02	47	42	3.064520751	266	238.5	16.94191	11	9.5	0.92464	7	5.5	0.000290601	84	69.5	0.005653512	97	90.5	0.007793	375	307	0.02168941
14.91667	35	3.878932	3.52E+00	1.06E+03		42	2.759280065		238.5	15.66877		9.5	0.624123		5.5	0.000361334		69.5	0.004585952		90.5	0.005946		307	0.020169023
15	40	4.648444	4.26E+00	1.28E+03		42	3.341735258		238.5	18.97628		9.5	0.755869		5.5	0.000437608		69.5	0.005529776		90.5	0.007201		307	0.024426493
15.08333	45	5.499024	5.07E+00	1.52E+03	37	32	3.976622069	211	192.5	22.58153	8	7	0.899474	4	3.5	0.000520748	55	57	0.006580363	84	101.5	0.008569	239	258.5	0.029067214
15.16667	50	6.683019	6.09E+00	1.83E+03		32	3.637285942		192.5	21.88055		7	0.795658		3.5	0.000397828		57	0.006478916		101.5	0.011537		258.5	0.02938245
15.25	55	7.997021	7.34E+00	2.20E+03		32	4.383132051		192.5	26.36728		7	0.95881		3.5	0.000479405		57	0.007807454		101.5	0.013903		258.5	0.035407489
15.33333	60	9.130836	8.56E+00	2.57E+03	27	32	5.113995532	174	166.5	30.76388	6	7	1.118687	3	2	0.000559343	59	70.5	0.009109305	119	102	0.016221	278	310	0.041311495
15.41667	65	10.0078	9.57E+00	2.87E+03		32	5.714369229		166.5	29.73258		7	1.250018		2	0.000357148		70.5	0.01258947		102	0.018215		310	0.055357952
15.5	70	10.69663	1.04E+01	3.11E+03		32	6.181880344		166.5	32.1651		7	1.352286		2	0.000386368		70.5	0.013619455		102	0.019705		310	0.059886866
15.58333	75	11.32345	1.10E+01	3.30E+03	37	37.5	6.574704047	159	138	34.20901	8	7	1.438217	1	3.5	0.000410919	82	65.5	0.014484895	85	81.5	0.020957	342	325.5	0.063692445
15.66667	80	11.95912	1.16E+01	3.49E+03		37.5	8.146471128		138	29.97901		7	1.520675		3.5	0.000760337		65.5	0.01422917		81.5	0.017705		325.5	0.070711389
15.75	85	12.59336	1.23E+01	3.68E+03		37.5	8.590807176		138	31.61417		7	1.603617		3.5	0.000801809		65.5	0.015005277		81.5	0.018671		325.5	0.074568206
15.83333	90	13.17484	1.29E+01	3.87E+03	38	29	9.016182377	117	110.5	33.17955	6	5.5	1.663021	8	8	0.00084151	49	36	0.015748265	78	66	0.019595	309	264	0.078260463
15.91667	95	13.66861	1.34E+01	4.03E+03		29	7.263461976		110.5	27.67629		5.5	1.377553		8	0.002003714		36	0.009018711		66	0.016531		264	0.06612255
16	100	14.10204	1.39E+01	4.17E+03		29	7.514349323		110.5	28.63226		5.5	1.425135		8	0.002072924		36	0.009328158		66	0.017102		264	0.06840649
16.08333	105	14.57722	1.43E+01	4.30E+03	20	28	7.760206476	104	111	29.56906	5	6	1.471763	10	7.5	0.002140747	23	37	0.00963336	54	50	0.017661	219	258	0.070644638
16.16667	110	15.36684	1.50E+01	4.49E+03		28	7.82304905		111	31.0128		6	1.676368		7.5	0.00209546		37	0.010337601		50	0.01397		258	0.072083809
16.25	115	16.23616	1.58E+01	4.74E+03		28	8.256456176		111	32.73095		6	1.769241		7.5	0.002211551		37	0.010910317		50	0.014744		258	0.076077346
16.33333	120	16.98278	1.66E+01	4.98E+03	36	35	8.678629318	118	142.5	34.40457	7	8	1.859706	5	5	0.002324633	51	53	0.011468189	46	51.5	0.015498	297	258	0.07996737
16.41667	125	17.60456	1.73E+01	5.19E+03		35	11.2951641		142.5	45.98745		8	2.581752		5	0.001613595		53	0.017104106		51.5	0.01662		258	0.083261495
16.5	130	18.18992	1.79E+01	5.37E+03		35	11.68937899		142.5	47.59247		8	2.671858		5	0.001669911		53	0.01770106		51.5	0.0172		258	0.086167422
16.58333	135	18.78	1.85E+01	5.55E+03	34	29.5	12.07324163	167	126.5	49.15534	9	8	2.759598	5	4	0.001724749	55	56.5	0.018262337	57	60.5	0.017765	219	235.5	0.088997038
16.66667	140	19.33308	1.91E+01	5.72E+03		29.5	10.49067421		126.5	44.98543		8	2.844929		4	0.001422464		56.5	0.020092308		60.5	0.021515		235.5	0.083747586
16.75	145	19.79362	1.96E+01	5.87E+03		29.5	10.76967441		126.5	46.18182		8	2.92059		4	0.001460295		56.5	0.020626885		60.5	0.022087		235.5	0.085974858
16.83333	150	20.12259	2.00E+01	5.99E+03	25	27.5	10.98698805	86	107.5	47.11369	7	8	2.979522	3	3	0.001489761	58	59.5	0.021042875	64	64.5	0.022533	252	277	0.087709684
16.91667	155	20.35621	2.02E+01	6.07E+03		27.5	10.38646258		107.5	40.60163		8	3.021516		3	0.001133089		59.5	0.022472528		64.5	0.024361		277	0.104620005
17	160	20.51146	2.04E+01	6.13E+03		27.5	10.4862428		107.5	40.99168		8	3.050543		3	0.001143954		59.5	0.022688416		64.5	0.024595		277	0.105625064
17.08333	165	20.62317	2.06E+01	6.17E+03	30	40.5	10.55474212	129	118	41.25945	9	9.5	3.07047	3	4	0.001151426	61	54	0.022836624	65	64	0.024756	302	289	0.106315039
17.16667	170	20.71514	2.07E+01	6.20E+03		40.5	15.62122467		118	45.51369		9.5	3.664238		4	0.001542837		54	0.0208283		64	0.024685		289	0.103755789
17.25	175	20.80201	2.08E+01	6.23E+03		40.5	15.68880604		118	45.7106		9.5	3.68009		4	0.001549512		54	0.020918408		64	0.024792		289	0.104204662
17.33333	180	20.88195	2.08E+01	6.25E+03	51	47	15.75184143	107	114	45.89425	10	9	3.694876	5	7	0.001555737	47	48	0.021002455	63	102.5	0.024892	236	271	0.104623342
17.41667	185	20.9955	2.09E+01	6.28E+03		47	18.36476707		114	44.54433		9	3.516658		7	0.002735178		48	0.018755507		102.5	0.040051		271	0.105890465
17.5	190	21.16283	2.11E+01	6.32E+03		47	18.48794304		114	44.8431		9	3.540244		7	0.002753523		48	0.018881304		102.5	0.040319		271	0.106600893
17.58333	195	21.26349	2.12E+01	6.36E+03		47	18.60546629		114	45.12815		9	3.562749	9	7	0.002771027	49	42	0.019001327	142	140.5	0.040576	306	294	0.107278327
17.66667	200	21.06452	2.12E+01	6.35E+03		47	18.56235382		114	45.02358		9	3.554493		7	0.002764606		42	0.016587635		140.5	0.05549		294	0.116113447
17.75	205	20.76531	2.09E+01	6.27E+03		47	18.34388399		114	44.49368		9	3.512659		7	0.002732086		42	0.016392407		140.5	0.054837		294	0.114746849
17.83333	210	20.52947	2.06E+01	6.19E+03		47	18.10924533		114	43.92455		9	3.467728		7	0.002697122		42	0.01618273		140.5	0.054135		294	0.113279109
17.91667	215	20.37134	2.05E+01	6.14E+03		47	17.93647532		114	43.50549		9	3.434644		7	0.00267139		42	0.01602834		140.5	0.053619		294	0.112196378
18	220	20.18587	2.03E+01	6.08E+03		47	17.76579437		114	43.14001		9	3.40579		7	0.002648948		42	0.015893689		140.5	0.053168		294	0.11125582
18.08333	225	19.96318	2.01E+01	6.02E+03		47	17.60680154		114	42.70586		9	3.371515	5	4	0.00262229	35	37.5	0.015733738	139	120.5	0.052633	282	252.5	0.110136163
18.16667	230	19.72645	1.98E+01	5.95E+03		47	17.40532936		114	42.21718		9	3.332935		4	0.001481305		37.5	0.013887231		120.5	0.044624		252.5	0.093507355
18.25	235	19.50734	1.96E+01	5.89E+03		47	17.20542713		114	41.73231		9	3.294656		4	0.001464292		37.5	0.013727734		120.5	0.044112		252.5	0.092433412
18.33333	240	19.33153	1.94E+01	5.83E+03	43	48	17.03224052	121	91	41.31224	8	9	3.261493	3	4	0.001449552	40	37.5	0.013589554	102	120.5	0.043668	223	252.5	0.091502994
18.41667	245	19.20064	1.93E+01	5.78E+03		48	17.25726796		91	32.7169		9	3.235738		4	0.001438106		37.5	0.013482241		120.5	0.043323		252.5	0.09078042
18.5	250	19.10804	1.92E+01	5.75E+03		48	17.15717428		91	32.52714		9	3.21697		4	0.001429765		37.5	0.013404042		120.5	0.043072		252.5	0.090253886
18.58333	255	19.04753	1.91E+01	5.72E+03		48	17.08860144		91	32.39714		9	3.204113	5	5	0.00142405	35	35	0.01335047	139	139	0.0429	282	282	0.089893164
18.66667	260	19.01096	1.90E+01	5.71E+03		48	17.04512256		91	32.31471		9	3.19596		5	0.001775534		35	0.012428735		139	0.04936		282	0.100140095
18.75	265	18.98795	1.90E+01	5.70E+03		48	17.01843867		91	32.26412		9	3.190957		5	0.001772754		35	0.012409278		139	0.049283		282	0.099983327
18.83333	270	19.01676	1.90E+01	5.70E+03		48	17.0210363		91	32.26905		9	3.191444	5	5	0.001773025	35	35	0.012411172	139	139	0.04929	282	282	0.099996588
18.91667	275	19.01974	1.90E+01	5.71E+03		48	17.03527398		91	32.29604		9	3.194114		5	0.001774508		35	0.012421554		139	0.049331		282	0.100082235
19	280	19.08507	1.91E+01	5.72E+03		48	17.08586774		91	32.35404		9	3.19985		5	0.001777695		35	0.012443862		139	0.04942		282	0.100261973

Conduit CSO 1019

Summary Statistics

Total Discharge

Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
4.60E+05	10.67	998	2,744	260	0.14	1.11	2.56	6.84

Conduit CSO

Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
19.08333	285	19.06424	1.91E+01	5.72E+03		48	17.08579779		91	32.39182		9	3.203587	5	4	0.001779771	35	33.5	0.012458394	139	96	0.049478	282	215	0.100379062
19.16667	290	18.73393	1.89E+01	5.67E+03		48	16.92853395		91	32.09368		9	3.1741		4	0.001410711		33.5	0.011814706		96	0.033857		215	0.075825725
19.25	295	18.30862	1.85E+01	5.56E+03		48	16.59011707		91	31.4521		9	3.110647		4	0.00138251		33.5	0.011578519		96	0.03318		215	0.074309899
19.33333	300	17.93214	1.81E+01	5.44E+03	53	26.5	16.23102219	61	61	30.77131	10	10	3.043317	3	4	0.001352585	32	29.5	0.011327901	53	65	0.032462	148	171	0.072701454
19.41667	305	17.60943	1.78E+01	5.33E+03		26.5	8.787995377		61	20.22897		10	3.316225		4	0.00132649		29.5	0.009782863		65	0.021555		171	0.056707442
19.5	310	17.17625	1.74E+01	5.22E+03		26.5	8.601094297		61	19.79875		10	3.245696		4	0.001298278		29.5	0.009574803		65	0.021097		171	0.055501401
19.58333	315	16.72338	1.69E+01	5.08E+03		26.5	8.382009903		61	19.29444		10	3.163023	5	5	0.001265209	27	27	0.009330917	77	77	0.02056	194	194	0.054087687
19.66667	320	16.45094	1.66E+01	4.98E+03		26.5	8.202670022		61	18.88162		10	3.095347		5	0.001547674		27	0.008357437		77	0.023834		194	0.060049735
19.75	325	16.26142	1.64E+01	4.91E+03		26.5	8.088445985		61	18.61869		10	3.052244		5	0.001526122		27	0.008241058		77	0.023502		194	0.059213529
19.83333	330	16.12072	1.62E+01	4.86E+03		26.5	8.00679589		61	18.43074		10	3.021432		5	0.001510716		27	0.008157868		77	0.023265		194	0.058615789
19.91667	335	16.05709	1.61E+01	4.83E+03		26.5	7.95627333		61	18.31444		10	3.002367		5	0.001501184		27	0.008106392		77	0.023118		194	0.058245926
20	340	15.99285	1.60E+01	4.81E+03		26.5	7.924656242		61	18.24166		10	2.990436		5	0.001495218		27	0.008074178		77	0.023026		194	0.058014465
20.08333	345	15.93888	1.60E+01	4.79E+03		26.5	7.895427681		61	18.17438		10	2.979407	5	5	0.001489703	27	27	0.008044398	77	77	0.022941	194	194	0.057800489
20.16667	350	15.91921	1.59E+01	4.78E+03		26.5	7.877219482		61	18.13247		10	2.972536		5	0.001486268		27	0.008025846		77	0.022889		194	0.057667192
20.25	355	15.90152	1.59E+01	4.77E+03		26.5	7.867981862		61	18.1112		10	2.96905		5	0.001484525		27	0.008016434		77	0.022862		194	0.057599565
20.33333	360	15.89433	1.59E+01	4.77E+03		26.5	7.861830043		61	18.09704		10	2.966728		5	0.001483364		27	0.008010166		77	0.022844		194	0.057554529
20.41667	365	15.89632	1.59E+01	4.77E+03		26.5	7.860544293		61	18.09408		10	2.966243		5	0.001483122		27	0.008008856		77	0.02284		194	0.057545117
20.5	370	15.90494	1.59E+01	4.77E+03		26.5	7.863167718		61	18.10012		10	2.967233		5	0.001483617		27	0.008011529		77	0.022848		194	0.057564322
20.58333	375	15.91884	1.59E+01	4.77E+03		26.5	7.868736004		61	18.11294		10	2.969334		5	0.001484667		27	0.008017203		77	0.022864		194	0.057605066
20.66667	380	15.93634	1.59E+01	4.78E+03		26.5	7.876499957		61	18.13081		10	2.972264		5	0.001486132		27	0.008025113		77	0.022886		194	0.057661924
20.75	385	15.95481	1.59E+01	4.78E+03		26.5	7.885393885		61	18.15128		10	2.97562		5	0.00148781		27	0.008034175		77	0.022912		194	0.057727034
20.83333	390	15.97522	1.60E+01	4.79E+03		26.5	7.89500734		61	18.17341		10	2.979248		5	0.001489624		27	0.00804397		77	0.02294		194	0.057797412
20.91667	395	15.9949	1.60E+01	4.80E+03		26.5	7.904919978		61	18.19623		10	2.982989		5	0.001491494		27	0.008054069		77	0.022969		194	0.05786998
21	400	16.01489	1.60E+01	4.80E+03		26.5	7.914728768		61	18.21881		10	2.98669		5	0.001493345		27	0.008064063		77	0.022996		194	0.057941788
21.08333	405	15.955	1.60E+01	4.80E+03		26.5	7.904863109		61	18.1961		10	2.982967		5	0.001491484		27	0.008054011		77	0.022969		194	0.057869564
21.16667	410	15.46259	1.57E+01	4.71E+03		26.5	7.768301616		61	17.88175		10	2.931435		5	0.001465717		27	0.007914873		77	0.022572		194	0.056869831
21.25	415	14.81113	1.51E+01	4.54E+03		26.5	7.485468745		61	17.2307		10	2.824705		5	0.001412353		27	0.007626704		77	0.02175		194	0.054799281
21.33333	420	14.19975	1.45E+01	4.35E+03		26.5	7.173219397		61	16.51194		10	2.708875		5	0.001353438		27	0.007308563		77	0.020843		194	0.05251338
21.41667	425	13.65436	1.39E+01	4.18E+03		26.5	6.887196877		61	15.85355		10	2.598942		5	0.001299471		27	0.007017144		77	0.020012		194	0.050419479
21.5	430	13.13258	1.34E+01	4.02E+03		26.5	6.62332882		61	15.24615		10	2.499369		5	0.001249685		27	0.006748297		77	0.019245		194	0.048487766
21.58333	435	12.61298	1.29E+01	3.86E+03		26.5	6.365837588		61	14.65344		10	2.402203		5	0.001201101		27	0.006485948		77	0.018497		194	0.046602736
21.66667	440	12.10834	1.24E+01	3.71E+03		26.5	6.112584387		61	14.07048		10	2.306836		5	0.001153318		27	0.006227916		77	0.017761		194	0.044748731
21.75	445	11.63821	1.19E+01	3.56E+03		26.5	5.871563119		61	13.51567		10	2.215684		5	0.001107842		27	0.005982347		77	0.017061		194	0.042984273
21.83333	450	11.23098	1.14E+01	3.43E+03		26.5	5.654627412		61	13.01631		10	2.133822		5	0.001066911		27	0.005761318		77	0.01643		194	0.04139614
21.91667	455	10.88766	1.11E+01	3.32E+03		26.5	5.469046698		61	12.58913		10	2.063791		5	0.001031896		27	0.005572236		77	0.015891		194	0.040037549
22	460	10.60555	1.07E+01	3.22E+03		26.5	5.314403109		61	12.23315		10	2.005435		5	0.001002718		27	0.005414675		77	0.015442		194	0.038905442
22.08333	465	10.37755	1.05E+01	3.15E+03		26.5	5.1882735		61	11.94282		10	1.957839		5	0.00097892		27	0.005286165		77	0.015075		194	0.037982078
22.16667	470	10.19524	1.03E+01	3.09E+03		26.5	5.086820402		61	11.70928		10	1.919555		5	0.000959777		27	0.005182798		77	0.014781		194	0.037239364
22.25	475	10.05474	1.01E+01	3.04E+03		26.5	5.007002522		61	11.52555		10	1.889435		5	0.000944717		27	0.005101474		77	0.014549		194	0.036855037
22.33333	480	9.949713	1.00E+01	3.00E+03		26.5	4.946293607		61	11.38581		10	1.866526		5	0.000933263		27	0.00503962		77	0.014372		194	0.036210602
22.41667	485	9.865772	9.91E+00	2.97E+03		26.5	4.89958945		61	11.27825		10	1.848894		5	0.000924447		27	0.004992014		77	0.014236		194	0.035868546
22.5	490	9.798203	9.83E+00	2.95E+03		26.5	4.862107144		61	11.19202		10	1.834757		5	0.000917379		27	0.004953845		77	0.014128		194	0.035594294
22.58333	495	9.656175	9.73E+00	2.92E+03		26.5	4.810282267		61	11.07273		10	1.815201		5	0.0009076		27	0.004901042		77	0.013977		194	0.035214697
22.66667	500	9.011926	9.33E+00	2.80E+03		26.5	4.615867709		61	10.6252		10	1.741837		5	0.000870918		27	0.00470296		77	0.013412		194	0.033791635
22.75	505	8.125161	8.57E+00	2.57E+03		26.5	4.237309757		61	9.753807		10	1.598985		5	0.000799492		27	0.004317259		77	0.012312		194	0.031020305
22.83333	510	7.255423	7.69E+00	2.31E+03		26.5	3.802997478		61	8.75407		10	1.435093		5	0.000717547		27	0.003874752		77	0.01105		194	0.027840812
22.91667	515	6.484425	6.87E+00	2.06E+03		26.5	3.397309705		61	7.820222		10	1.282004		5	0.000641002		27	0.00346141		77	0.009871		194	0.024870871
23	520	5.765716	6.13E+00	1.84E+03		26.5	3.028965307		61	6.972335		10	1.143006		5	0.000571503		27	0.003086116		77	0.008801		194	0.022174312
23.08333	525	5.032855	5.40E+00	1.62E+03		26.5	2.670050648		61	6.146154		10	1.007566		5	0.000503783		27	0.002720429		77	0.007758		194	0.019546786
23.16667	530	4.282952	4.66E+00	1.40E+03		26.5	2.303422973		61	5.302219		10	0.869216		5	0.000434608		27	0.002346884		77	0.006693		194	0.016862795
23.25	535	3.529192	3.91E+00	1.17E+03		26.5	1.931627819		61	4.446389		10	0.728916		5	0.000364458		27	0.001968074		77	0.005613		194	0.014140973
23.33333	540	2.82384	3.18E+00	9.53E+02		26.5	1.570848329		61	3.615915		10	0.592773		5	0.000296386		27	0.001600487		77	0.004564		194	0.011499795
23.41667	545	2.216315	2.52E+00	7.56E+02		26.5	1.24622685		61	2.868673		10	0.470274		5	0.000235137		27	0.001269741		77	0.003621		194	0.009123321
23.5	550	1.780188	2.00E+00	5.99E+02		26.5	0.988173845		61	2.274664		10	0.372896		5	0.000186448		27	0.001006819		77	0.002871		194	0.007234178
23.58333	555	1.541545	1.66E+00	4.98E+02		26.5	0.821330466		61	1.89061		10	0.309938		5	0.000154968		27	0.000836827		77	0.002387		194	0.006012759
23.66667	560	1.36653	1.45E+00	4.36E+02		26.5	0.719049543		61	1.655171		10	0.271339		5	0.00013567		27	0.000732617		77	0.002089		194	0.005263985
23.75	565	1.220639	1.29E+00	3.88E+02		26.5	0.639702445		61	1.472523		10	0.241397		5	0.000120699		27	0.000651772		77	0.001859		194	0.004683105
23.83333	570	1.095852	1.16E+00	3.47E+02		26.5	0.572774703		61	1.318463		10	0.216141		5	0.000108071		27	0.000583582		77	0.001664		194	0.004193143

Conduit CSO 1019

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
4.60E+05	10.67	998	2,744	280	0.14	1.11	2.58	6.84

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
23.91667	575	0.9558483	1.03E+00	3.08E+02		26.5	0.507302653		61	1.167753		10	0.191435		5	9.57175E-05		27	0.000516874		77	0.001474		194	0.003713838
24	580	0.7586057	8.57E-01	2.57E+02		26.5	0.423915258		61	0.975805		10	0.159968		5	7.9984E-05		27	0.000431914		77	0.001232		194	0.00310338
24.08333	585	0.5799443	6.69E-01	2.01E+02		26.5	0.330969375		61	0.761854		10	0.124894		5	6.24471E-05		27	0.000337214		77	0.000962		194	0.002422948
24.16667	590	0.4411522	5.11E-01	1.53E+02		26.5	0.252475941		61	0.581171		10	0.095274		5	4.7637E-05		27	0.00025724		77	0.000734		194	0.001848314
24.25	595	0.3279795	3.85E-01	1.15E+02		26.5	0.190175218		61	0.437762		10	0.071764		5	3.58821E-05		27	0.000193763		77	0.000553		194	0.001392226
24.33333	600	0.2443833	2.86E-01	8.59E+01		26.5	0.141522213		61	0.325768		10	0.053405		5	2.67023E-05		27	0.000144192		77	0.000411		194	0.001036049
24.41667	605	0.1798241	2.12E-01	6.36E+01		26.5	0.104889384		61	0.241443		10	0.039581		5	1.97904E-05		27	0.000106868		77	0.000305		194	0.000767869
24.5	610	0.1290835	1.54E-01	4.63E+01		26.5	0.076380378		61	0.175819		10	0.028823		5	1.44114E-05		27	7.78215E-05		77	0.000222		194	0.000559162
24.58333	615	8.91E-02	1.09E-01	3.27E+01		26.5	0.053958326		61	0.124206		10	0.020362		5	1.01808E-05		27	5.49764E-05		77	0.000157		194	0.000395016
24.66667	620	5.80E-02	7.36E-02	2.21E+01		26.5	0.036388957		61	0.083763		10	0.013732		5	6.86584E-06		27	3.70755E-05		77	0.000106		194	0.000266395
24.75	625	3.49E-02	4.65E-02	1.39E+01		26.5	0.022980532		61	0.052899		10	0.008672		5	4.33595E-06		27	2.34141E-05		77	6.68E-05		194	0.000168235
24.83333	630	1.83E-02	2.66E-02	7.99E+00		26.5	0.013169572		61	0.030315		10	0.00497		5	2.48482E-06		27	1.34181E-05		77	3.83E-05		194	9.64112E-05
24.91667	635	6.68E-03	1.25E-02	3.75E+00		26.5	0.006188987		61	0.014248		10	0.002335		5	1.16773E-06		27	6.30574E-06		77	1.8E-05		194	4.53079E-05
25	640	3.45E-03	5.06E-03	1.52E+00		26.5	0.002504554		61	0.005765		10	0.000945		5	4.72557E-07		27	2.55181E-06		77	7.28E-06		194	1.83352E-05

Conduit CSO 1021

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
5.76E+02	4.75	1.38	6.82	0.34	0.00	0.00	0.00	0.01

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. (mg / l)	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
16.75	0	5.93E-03			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
16.83333	5	1.71E-02	1.15E-02	3.45E+00		80	0.01717794		761.5	0.163513		36.5	0.007837		7.5	1.61043E-06		172.5	3.7E-05		283.5	6.08743E-05		639	0.000137
16.91667	10	2.94E-02	2.32E-02	6.97E+00		80	0.0346889		761.5	0.330195		36.5	0.015827		7.5	3.25208E-06		172.5	7.48E-05		283.5	0.000122929		639	0.000277
17	15	4.07E-02	3.50E-02	1.05E+01	69	58	0.05228652	451	358.5	0.497702	24	17.5	0.023856	4	5.5	4.90186E-06	130	107	0.000113	198	147.5	0.00018529	446	410.5	0.000418
17.08333	20	5.00E-02	4.53E-02	1.36E+01		58	0.04905634		358.5	0.303219		17.5	0.014801		5.5	4.65189E-06		107	9.05E-05		147.5	0.000124755		410.5	0.000347
17.16667	25	5.75E-02	5.37E-02	1.61E+01		58	0.05814566		358.5	0.3594		17.5	0.017544		5.5	5.51381E-06		107	0.000107		147.5	0.00014787		410.5	0.000412
17.25	30	6.33E-02	6.04E-02	1.81E+01	47	42	0.0653549	266	238.5	0.403961	11	9.5	0.019719	7	5.5	6.19745E-06	84	69.5	0.000121	97	90.5	0.000166204	375	307	0.000483
17.33333	35	6.79E-02	6.56E-02	1.97E+01		42	0.05141383		238.5	0.291957		9.5	0.011629		5.5	6.73276E-06		69.5	8.51E-05		90.5	0.000110785		307	0.000376
17.41667	40	7.15E-02	6.97E-02	2.09E+01		42	0.05460449		238.5	0.310076		9.5	0.012351		5.5	7.15059E-06		69.5	9.04E-05		90.5	0.00011766		307	0.000399
17.5	45	7.43E-02	7.29E-02	2.19E+01	37	32	0.05710999	211	192.5	0.324303	8	7	0.012918	4	3.5	7.47869E-06	55	57	9.45E-05	84	101.5	0.000123058	239	258.5	0.000417
17.58333	50	7.62E-02	7.52E-02	2.26E+01		32	0.04491837		192.5	0.270212		7	0.009826		3.5	4.91295E-06		57	8E-05		101.5	0.000142475		258.5	0.000363
17.66667	55	7.55E-02	7.58E-02	2.27E+01		32	0.04527779		192.5	0.272374		7	0.009905		3.5	4.95226E-06		57	8.07E-05		101.5	0.000143615		258.5	0.000366
17.75	60	7.31E-02	7.43E-02	2.23E+01	27	32	0.04436633	174	166.5	0.266891	6	7	0.009705	3	2	4.85257E-06	59	70.5	7.9E-05	119	102	0.000140724	278	310	0.000358
17.83333	65	6.97E-02	7.14E-02	2.14E+01		32	0.04263273		166.5	0.221823		7	0.009326		2	2.66455E-06		70.5	9.39E-05		102	0.000135892		310	0.000413
17.91667	70	6.58E-02	6.78E-02	2.03E+01		32	0.04046456		166.5	0.210542		7	0.008852		2	2.52904E-06		70.5	8.91E-05		102	0.000128981		310	0.000392
18	75	6.20E-02	6.39E-02	1.92E+01	37	37.5	0.03817807	159	138	0.198645	8	7	0.008351	1	3.5	2.38613E-06	82	65.5	8.41E-05	85	81.5	0.000121693	342	325.5	0.00037
18.08333	80	5.83E-02	6.02E-02	1.81E+01		37.5	0.04211381		138	0.154979		7	0.007861		3.5	3.93062E-06		65.5	7.36E-05		81.5	9.15273E-05		325.5	0.000366
18.16667	85	5.51E-02	5.67E-02	1.70E+01		37.5	0.03969678		138	0.146084		7	0.00741		3.5	3.70503E-06		65.5	6.93E-05		81.5	8.62743E-05		325.5	0.000345
18.25	90	5.23E-02	5.37E-02	1.61E+01	38	29	0.03757796	117	110.5	0.138287	6	5.5	0.007015	6	8	3.50728E-06	49	36	6.56E-05	78	66	8.16894E-05	309	264	0.000326
18.33333	95	4.99E-02	5.11E-02	1.53E+01		29	0.02765125		110.5	0.105361		5.5	0.005244		8	7.62793E-06		36	3.43E-05		66	6.29304E-05		264	0.000252
18.41667	100	4.80E-02	4.90E-02	1.47E+01		29	0.02650188		110.5	0.100981		5.5	0.005026		8	7.31086E-06		36	3.29E-05		66	6.03146E-05		264	0.000241
18.5	105	4.64E-02	4.72E-02	1.42E+01	20	28	0.02554587	104	111	0.097339	5	6	0.004845	10	7.5	7.04714E-06	23	37	3.17E-05	54	50	5.81389E-05	219	258	0.000233
18.58333	110	4.51E-02	4.57E-02	1.37E+01		28	0.02389417		111	0.094723		6	0.00512		7.5	6.40022E-06		37	3.16E-05		50	4.26682E-05		258	0.00022
18.66667	115	4.40E-02	4.46E-02	1.34E+01		28	0.0232862		111	0.092313		6	0.00499		7.5	6.23738E-06		37	3.08E-05		50	4.15825E-05		258	0.000215
18.75	120	4.33E-02	4.36E-02	1.31E+01	36	35	0.02280758	118	142.5	0.090416	7	8	0.004887	5	5	6.10917E-06	51	53	3.01E-05	46	51.5	4.07278E-05	297	258	0.00021
18.83333	125	4.26E-02	4.29E-02	1.29E+01		35	0.02803103		142.5	0.114126		8	0.006407		5	4.00443E-06		53	4.24E-05		51.5	4.12457E-05		258	0.000207
18.91667	130	4.21E-02	4.23E-02	1.27E+01		35	0.02765119		142.5	0.11258		8	0.00632		5	3.95017E-06		53	4.19E-05		51.5	4.06868E-05		258	0.000204
19	135	4.17E-02	4.19E-02	1.26E+01	34	29.5	0.02736297	167	126.5	0.111406	9	8	0.006254	5	4	3.909E-06	55	56.5	4.14E-05	57	60.5	4.02627E-05	219	235.5	0.000202
19.08333	140	4.11E-02	4.14E-02	1.24E+01		29.5	0.02279179		126.5	0.097734		8	0.006181		4	3.09041E-06		56.5	4.37E-05		60.5	4.67425E-05		235.5	0.000182
19.16667	145	3.93E-02	4.02E-02	1.21E+01		29.5	0.02214098		126.5	0.094944		8	0.006004		4	3.00217E-06		56.5	4.24E-05		60.5	4.54078E-05		235.5	0.000177
19.25	150	3.66E-02	3.79E-02	1.14E+01	25	27.5	0.02088916	86	107.5	0.089576	7	8	0.005665	3	3	2.83243E-06	58	59.5	4E-05	64	64.5	4.28405E-05	252	277	0.000167
19.33333	155	3.33E-02	3.49E-02	1.05E+01		27.5	0.01792021		107.5	0.070052		8	0.005213		3	1.95493E-06		59.5	3.88E-05		64.5	4.2031E-05		277	0.000181
19.41667	160	2.99E-02	3.16E-02	9.47E+00		27.5	0.01620503		107.5	0.063347		8	0.004714		3	1.76782E-06		59.5	3.51E-05		64.5	3.80082E-05		277	0.000163
19.5	165	2.66E-02	2.82E-02	8.46E+00	30	40.5	0.01447966	129	118	0.056602	9	9.5	0.004212	3	4	1.5796E-06	61	54	3.13E-05	65	64	3.39614E-05	302	269	0.000146
19.58333	170	2.35E-02	2.50E-02	7.51E+00		40.5	0.01891378		118	0.055107		9.5	0.004437		4	1.86803E-06		54	2.52E-05		64	2.98884E-05		269	0.000126
19.66667	175	2.08E-02	2.21E-02	6.64E+00		40.5	0.01672631		118	0.048733		9.5	0.003923		4	1.65198E-06		54	2.23E-05		64	2.64317E-05		269	0.000111
19.75	180	1.84E-02	1.96E-02	5.88E+00	51	47	0.01480839	107	114	0.043145	10	9	0.003474	5	7	1.46256E-06	47	48	1.97E-05	63	102.5	2.34009E-05	238	271	9.84E-05
19.83333	185	1.64E-02	1.74E-02	5.23E+00		47	0.01528068		114	0.037064		9	0.002926		7	2.27585E-06		48	1.56E-05		102.5	3.33249E-05		271	8.81E-05
19.91667	190	1.48E-02	1.56E-02	4.68E+00		47	0.01369222		114	0.033211		9	0.002622		7	2.03927E-06		48	1.4E-05		102.5	2.98607E-05		271	7.89E-05
20	195	1.34E-02	1.41E-02	4.23E+00		47	0.01237387		114	0.030013		9	0.002369	9	7	1.84292E-06	49	42	1.26E-05	142	140.5	2.69856E-05	306	294	7.13E-05
20.08333	200	1.23E-02	1.29E-02	3.86E+00		47	0.01129257		114	0.02739		9	0.002162		7	1.68187E-06		42	1.01E-05		140.5	3.37576E-05		294	7.06E-05
20.16667	205	1.14E-02	1.19E-02	3.56E+00		47	0.01040593		114	0.02524		9	0.001993		7	1.54982E-06		42	9.3E-06		140.5	3.11071E-05		294	6.51E-05
20.25	210	1.07E-02	1.10E-02	3.31E+00		47	0.00968343		114	0.023487		9	0.001854		7	1.44221E-06		42	8.65E-06		140.5	2.89473E-05		294	6.06E-05
20.33333	215	1.01E-02	1.04E-02	3.12E+00		47	0.00911136		114	0.0221		9	0.001745		7	1.35701E-06		42	8.14E-06		140.5	2.72372E-05		294	5.7E-05
20.41667	220	9.62E-03	9.86E-03	2.96E+00		47	0.00864484		114	0.020968		9	0.001655		7	1.28753E-06		42	7.73E-06		140.5	2.58425E-05		294	5.41E-05
20.5	225	9.24E-03	9.43E-03	2.83E+00		47	0.0082721		114	0.020064		9	0.001584	5	4	1.23202E-06	35	37.5	7.39E-06	139	120.5	2.47283E-05	282	252.5	5.17E-05
20.58333	230	8.92E-03	9.08E-03	2.73E+00		47	0.00796784		114	0.019326		9	0.001526		4	6.78114E-07		37.5	6.36E-06		120.5	2.04282E-05		252.5	4.28E-05
20.66667	235	8.65E-03	8.79E-03	2.64E+00		47	0.0077086		114	0.018697		9	0.001476		4	6.56051E-07		37.5	6.15E-06		120.5	1.97635E-05		252.5	4.14E-05
20.75	240	8.45E-03	8.55E-03	2.56E+00	43	43	0.00749849	121	121	0.018188	8	8	0.001436	3	4	6.3817E-07	40	37.5	5.98E-06	102	120.5	1.92249E-05	223	252.5	4.03E-05
20.83333	245	8.30E-03	8.37E-03	2.51E+00		43	0.00671812		121	0.018904		8	0.00125		4	6.24941E-07		37.5	5.86E-06		120.5	1.88264E-05		252.5	3.94E-05
20.91667	250	8.12E-03	8.21E-03	2.46E+00		43	0.0065895		121	0.018543		8	0.001226		4	6.12977E-07		37.5	5.75E-06		120.5	1.84659E-05		252.5	3.87E-05
21	255	8.04E-03	8.08E-03	2.42E+00		43	0.00648469		121	0.018248		8	0.001206	5	5	6.03227E-07	35	35	5.66E-06	139	139	1.81722E-05	282	282	3.81E-05
21.08333	260	7.82E-03	7.93E-03	2.38E+00		43	0.00636387		121	0.017908		8	0.001184		5	7.39984E-07		35	5.18E-06		139	2.05716E-05		282	4.17E-05
21.16667	265	6.87E-03	7.35E-03	2.20E+00		43	0.00589604		121	0.016591		8	0.001097		5	6.85586E-07		35	4.8E-06		139	1.90593E-05		282	3.87E-05
21.25	270	5.28E-03	6.08E-03	1.82E+00		43	0.00487486		121	0.013718		8	0.000907	5	5	5.66844E-07	35	35	3.97E-06	139	139	1.57583E-05	282	282	3.2E-05
21.33333	275	3.41E-03	4.34E-03	1.30E+00		43	0.00348511		121	0.009807		8	0.000648		5	4.05245E-07		35	2.84E-06		139	1.12658E-05		282	2.29E-05
21.41667	280	1.60E-03	2.51E-03	7.52E-01		43	0.00201088		121	0.005659		8	0.000374		5	2.33823E-07		35	1.64E-06		139	6.50028E-06		282	1.32E-05
21.5	285	1.20E-04	8.62E-04	2.58E-01		43	0.00069146		121	0.001946		8	0.000129	5	5	8.04026E-08	35	35	5.63E-07	139	139	2.23519E-06	282	282	4.53E-06
			5.98E-05	1.79E-02		43	4.7982E-05		121	0.000135		8	8.93E-06		5	5.57928E-09		35	3.91E-08		139	1.55104E-07		282	3.15E-07
			0.00E+00	0.00E+00		43	0		121	0		8	0		5	0		35	0		139	0		282	0

Conduit CSO 1024

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
1.29E-01	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
17.25	0	2.59E-05			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
17.33333	5	7.15E-05	4.87E-05	1.46E-02		80	7.2693E-05		761.5	0.000692		36.5	3.32E-05		7.5	6.81499E-09		172.5	1.57E-07		283.5	2.57606E-07		639	5.81E-07
17.41667	10	1.02E-04	8.68E-05	2.61E-02		80	0.00012963		761.5	0.001234		36.5	5.91E-05		7.5	1.21531E-08		172.5	2.8E-07		283.5	4.59389E-07		639	1.04E-06
17.5	15	1.24E-04	1.13E-04	3.39E-02	69	58	0.00016882	451	358.5	0.001607	24	17.5	7.7E-05	4	5.5	1.5827E-08	130	107	3.64E-07	198	147.5	5.98262E-07	446	410.5	1.35E-06
17.58333	20	1.20E-04	1.22E-04	3.66E-02		58	0.00013221		358.5	0.000817		17.5	3.99E-05		5.5	1.25373E-08		107	2.44E-07		147.5	3.36227E-07		410.5	9.36E-07
	25		6.01E-05	1.80E-02		58	6.5097E-05		358.5	0.000402		17.5	1.96E-05		5.5	6.17303E-09		107	1.2E-07		147.5	1.65549E-07		410.5	4.61E-07
	30		0.00E+00	0.00E+00	47	42	0	266	238.5	0	11	9.5	0	7	5.5	0	84	69.5	0	97	90.5	0	375	307	0
	35		0.00E+00	0.00E+00		42	0		238.5	0		9.5	0		5.5	0		69.5	0		90.5	0		307	0
	40		0.00E+00	0.00E+00		42	0		238.5	0		9.5	0		5.5	0		69.5	0		90.5	0		307	0
	45		0.00E+00	0.00E+00	37	37	0	211	211	0	8	8	0	4	4	0	55	55	0	84	84	0	239	239	0

Condult CSO 1026

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
6.44E+04	7.75	175.11	411.09	35.63	0.02	0.16	0.36	0.99

Condult CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
15.25	0	6.59E-02			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
15.33333	5	0.1939394	1.30E-01	3.90E+01		80	0.19396253		761.5	1.846281		36.5	0.088495		7.5	1.8184E-05		172.5	0.000418		283.5	0.000687		639	0.001549
15.41667	10	0.2836943	2.39E-01	7.16E+01		80	0.35652689		761.5	3.39369		36.5	0.162665		7.5	3.34244E-05		172.5	0.000769		283.5	0.001263		639	0.002848
15.5	15	0.331764	3.08E-01	9.23E+01	69	58	0.45940525	451	358.5	4.372964	24	17.5	0.209604	4	5.5	4.30692E-05	130	107	0.000991	198	147.5	0.001628	446	410.5	0.003669
15.58333	20	0.3567244	3.44E-01	1.03E+02		58	0.37259066		358.5	2.302996		17.5	0.11242		5.5	3.53319E-05		107	0.000687		147.5	0.000948		410.5	0.002637
15.66667	25	0.378626	3.68E-01	1.10E+02		58	0.39795106		358.5	2.459749		17.5	0.120071		5.5	3.77367E-05		107	0.000734		147.5	0.001012		410.5	0.002817
15.75	30	0.3942801	3.86E-01	1.16E+02	47	42	0.41827515	266	238.5	2.585373	11	9.5	0.126204	7	5.5	3.9684E-05	84	69.5	0.000772	97	90.5	0.001064	375	307	0.00296
15.83333	35	0.4037537	3.99E-01	1.20E+02		42	0.31273603		238.5	1.775894		9.5	0.070738		5.5	4.09535E-05		69.5	0.000518		90.5	0.000674		307	0.002286
15.91667	40	0.410903	4.07E-01	1.22E+02		42	0.31925026		238.5	1.812885		9.5	0.072211		5.5	4.18066E-05		69.5	0.000528		90.5	0.000688		307	0.002334
16	45	0.4168071	4.14E-01	1.24E+02	37	32	0.32436567	211	192.5	1.841934	8	7	0.073368	4	3.5	4.24765E-05	55	57	0.000537	84	101.5	0.000699	239	258.5	0.002371
16.08333	50	0.4275732	4.22E-01	1.27E+02		32	0.2521131		192.5	1.516618		7	0.05515		3.5	2.75749E-05		57	0.000449		101.5	0.0008		258.5	0.002037
16.16667	55	0.4674363	4.48E-01	1.34E+02		32	0.26722985		192.5	1.607555		7	0.058457		3.5	2.92283E-05		57	0.000476		101.5	0.000848		258.5	0.002159
16.25	60	0.514657	4.91E-01	1.47E+02	27	32	0.29323112	174	166.5	1.763968	6	7	0.064144	3	2	3.20722E-05	59	70.5	0.000522	119	102	0.00093	278	310	0.002369
16.33333	65	0.5478584	5.31E-01	1.59E+02		32	0.31724337		166.5	1.650657		7	0.069397		2	1.98277E-05		70.5	0.000699		102	0.001011		310	0.003073
16.41667	70	0.5667145	5.57E-01	1.67E+02		32	0.33278657		166.5	1.73153		7	0.072797		2	2.07992E-05		70.5	0.000733		102	0.001061		310	0.003224
16.5	75	0.5756798	5.71E-01	1.71E+02	37	37.5	0.34109342	159	138	1.774752	8	7	0.074614	1	3.5	2.13183E-05	82	65.5	0.000751	85	81.5	0.001087	342	325.5	0.003304
16.58333	80	0.6053832	5.91E-01	1.77E+02		37.5	0.41324887		138	1.520756		7	0.07714		3.5	3.85699E-05		65.5	0.000722		81.5	0.000898		325.5	0.003587
16.66667	85	0.8559784	7.31E-01	2.19E+02		37.5	0.51132414		138	1.881673		7	0.095447		3.5	4.77236E-05		65.5	0.000893		81.5	0.001111		325.5	0.004438
16.75	90	1.753175	1.30E+00	3.91E+02	38	29	0.91293156	117	110.5	3.359588	6	5.5	0.170414	6	8	8.52069E-05	49	38	0.001595	78	66	0.001984	309	264	0.007924
16.83333	95	2.77465	2.26E+00	6.79E+02		29	1.22516609		110.5	4.668305		5.5	0.232359		8	0.000337977		38	0.001521		66	0.002788		264	0.011153
16.91667	100	3.535999	3.16E+00	9.47E+02		29	1.70757332		110.5	6.506443		5.5	0.32385		8	0.000471055		36	0.00212		66	0.003886		264	0.015545
17	105	3.952392	3.74E+00	1.12E+03	20	28	2.02625383	104	111	7.720726	5	6	0.38429	10	7.5	0.000558967	23	37	0.002515	54	50	0.004611	219	258	0.018446
17.08333	110	4.156105	4.05E+00	1.22E+03		28	2.11838908		111	8.3979		6	0.453941		7.5	0.000567426		37	0.002799		50	0.003783		258	0.019519
17.16667	115	4.259797	4.21E+00	1.26E+03		28	2.19870031		111	8.716276		6	0.47115		7.5	0.000588938		37	0.002905		50	0.003926		258	0.020259
17.25	120	4.311415	4.29E+00	1.29E+03	36	35	2.2392759	118	142.5	8.877129	7	8	0.479845	5	5	0.000599806	51	53	0.002959	46	51.5	0.003999	297	258	0.020633
17.33333	125	4.336521	4.32E+00	1.30E+03		35	2.82415058		142.5	11.49833		8	0.64552		5	0.00040345		53	0.004277		51.5	0.004158		258	0.020818
17.41667	130	4.350849	4.34E+00	1.30E+03		35	2.83702851		142.5	11.55076		8	0.648464		5	0.00040529		53	0.004296		51.5	0.004174		258	0.020913
17.5	135	4.36122	4.36E+00	1.31E+03	34	29.5	2.84509445	167	126.5	11.5836	9	8	0.650307	5	4	0.000406442	55	56.5	0.004308	57	60.5	0.004186	219	235.5	0.020972
17.58333	140	4.299726	4.33E+00	1.30E+03		29.5	2.38393651		126.5	10.22264		8	0.646491		4	0.000323246		56.5	0.004566		60.5	0.004889		235.5	0.019031
17.66667	145	4.033775	4.17E+00	1.25E+03		29.5	2.29380685		126.5	9.836155		8	0.622049		4	0.000311025		56.5	0.004393		60.5	0.004704		235.5	0.018312
17.75	150	3.816065	3.92E+00	1.18E+03	25	27.5	2.16067854	86	107.5	9.265283	7	8	0.585947	3	3	0.000292973	58	59.5	0.004138	64	64.5	0.004431	252	277	0.017249
17.83333	155	3.705713	3.76E+00	1.13E+03		27.5	1.93001437		107.5	7.544602		8	0.561459		3	0.000210547		59.5	0.004176		64.5	0.004527		277	0.019441
17.91667	160	3.654468	3.68E+00	1.10E+03		27.5	1.88855017		107.5	7.382514		8	0.549396		3	0.000206024		59.5	0.004086		64.5	0.00443		277	0.019023
18	165	3.629063	3.64E+00	1.09E+03	30	40.5	1.86888253	129	118	7.305632	9	9.5	0.543675	3	4	0.000203878	61	54	0.004044	65	64	0.004383	302	269	0.018825
18.08333	170	3.615902	3.62E+00	1.09E+03		40.5	2.73778067		118	7.976744		9.5	0.642195		4	0.000270398		54	0.00365		64	0.004326		269	0.018184
18.16667	175	3.608642	3.61E+00	1.08E+03		40.5	2.73006383		118	7.95426		9.5	0.640385		4	0.000269636		54	0.00364		64	0.004314		269	0.018133
18.25	180	3.604342	3.61E+00	1.08E+03	51	47	2.72569545	107	114	7.941532	10	9	0.639361	5	7	0.000269204	47	48	0.003634	63	102.5	0.004307	236	271	0.018104
18.33333	185	3.60159	3.60E+00	1.08E+03		47	3.16006019		114	7.664827		9	0.605118		7	0.000470647		48	0.003227		102.5	0.006892		271	0.018221
18.41667	190	3.599803	3.60E+00	1.08E+03		47	3.15806968		114	7.659999		9	0.604737		7	0.000470351		48	0.003225		102.5	0.006887		271	0.018209
18.5	195	3.597926	3.60E+00	1.08E+03		47	3.15646288		114	7.656101		9	0.604429	9	7	0.000470111	49	42	0.003224	142	140.5	0.006884	306	294	0.0182
18.58333	200	3.596713	3.60E+00	1.08E+03		47	3.15510781		114	7.652815		9	0.60417		7	0.00046991		42	0.002819		140.5	0.009432		294	0.019736
18.66667	205	3.596109	3.60E+00	1.08E+03		47	3.15431099		114	7.650882		9	0.604017		7	0.000469791		42	0.002819		140.5	0.009429		294	0.019731
18.75	210	3.594878	3.60E+00	1.08E+03		47	3.15350627		114	7.64893		9	0.603863		7	0.000469671		42	0.002818		140.5	0.009427		294	0.019726
18.83333	215	3.595763	3.60E+00	1.08E+03		47	3.15335454		114	7.648562		9	0.603834		7	0.000469649		42	0.002818		140.5	0.009427		294	0.019725
18.91667	220	3.594315	3.60E+00	1.08E+03		47	3.15310764		114	7.647963		9	0.603787		7	0.000469612		42	0.002818		140.5	0.009426		294	0.019724
19	225	3.594697	3.59E+00	1.08E+03		47	3.15264016		114	7.646829		9	0.603697	5	4	0.000469542	35	37.5	0.002817	139	120.5	0.009424	282	252.5	0.019721
19.08333	230	3.532577	3.56E+00	1.07E+03		47	3.12556583		114	7.58116		9	0.598513		4	0.000266006		37.5	0.002494		120.5	0.008013		252.5	0.016792
19.16667	235	3.279298	3.41E+00	1.02E+03		47	2.98725203		114	7.245675		9	0.572027		4	0.000254234		37.5	0.002383		120.5	0.007659		252.5	0.016049
19.25	240	3.059799	3.17E+00	9.51E+02	43	48	2.77992189	121	91	6.742789	8	9	0.532325	3	4	0.000236589	40	37.5	0.002218	102	120.5	0.007127	223	252.5	0.014935
19.33333	245	2.932899	3.00E+00	8.99E+02		48	2.68392865		91	5.088281		9	0.503237		4	0.000223661		37.5	0.002097		120.5	0.006738		252.5	0.014119
19.41667	250	2.867316	2.90E+00	8.70E+02		48	2.59772197		91	4.924848		9	0.487073		4	0.000216477		37.5	0.002029		120.5	0.006521		252.5	0.013665
19.5	255	2.827707	2.85E+00	8.54E+02		48	2.55061		91	4.835531		9	0.478239	5	5	0.000212551	35	35	0.001993	139	139	0.006403	282	282	0.013417
19.58333	260	2.803792	2.82E+00	8.45E+02		48	2.52215972		91	4.781594		9	0.472905		5	0.000262725		35	0.001839		139	0.007304		282	0.014818
19.66667	265	2.792691	2.80E+00	8.39E+02		48	2.50647723		91	4.751863		9	0.469964		5	0.000261091		35	0.001828		139	0.007258		282	0.014726
19.75	270	2.787052	2.79E+00	8.37E+02		48	2.49897995		91	4.737649		9	0.468559	5	5	0.00026031	35	35	0.001822	139	139	0.007237	282	282	0.014682

Conduit CSO 1028

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
6.44E+04	7.75	175.11	411.09	35.63	0.02	0.16	0.36	0.99

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
19.83333	275	2.785251	2.79E+00	8.36E+02		48	2.49564782		91	4.731332		9	0.467934		5	0.000259963		35	0.00182		139	0.007227		282	0.014662
19.91667	280	2.784815	2.79E+00	8.36E+02		48	2.49464594		91	4.729433		9	0.467746		5	0.000259859		35	0.001819		139	0.007224		282	0.014656
20	285	2.784499	2.78E+00	8.35E+02		48	2.49430915		91	4.728794		9	0.467683	5	4	0.000259824	35	33.5	0.001819	139	96	0.007223	282	215	0.014654
20.08333	290	2.783023	2.78E+00	8.35E+02		48	2.49350657		91	4.727273		9	0.467532		4	0.000207792		33.5	0.00174		96	0.004987		215	0.011169
20.16667	295	2.782526	2.78E+00	8.35E+02		48	2.49262293		91	4.725598		9	0.467367		4	0.000207719		33.5	0.00174		96	0.004985		215	0.011165
20.25	300	2.78069	2.78E+00	8.34E+02	53	53	2.49157806	61	61	4.723617	10	10	0.467171	3	4	0.000207632	32	29.5	0.001739	53	65	0.004983	148	171	0.01116
20.33333	305	2.77869	2.78E+00	8.34E+02		53	2.74922046		61	3.164197		10	0.518721		4	0.000207488		29.5	0.00153		65	0.003372		171	0.00887
20.41667	310	2.777458	2.78E+00	8.33E+02		53	2.74762218		61	3.162358		10	0.518419		4	0.000207368		29.5	0.001529		65	0.00337		171	0.008865
20.5	315	2.775811	2.78E+00	8.33E+02		53	2.74619845		61	3.160719		10	0.518151	5	5	0.00020726	27	27	0.001529	77	77	0.003368	194	194	0.00886
20.58333	320	2.773681	2.77E+00	8.32E+02		53	2.74433066		61	3.158569		10	0.517798		5	0.000258899		27	0.001398		77	0.003987		194	0.010045
20.66667	325	2.77257	2.77E+00	8.32E+02		53	2.74272792		61	3.156725		10	0.517496		5	0.000258748		27	0.001397		77	0.003985		194	0.010039
20.75	330	2.771246	2.77E+00	8.32E+02		53	2.74152376		61	3.155339		10	0.517269		5	0.000258634		27	0.001397		77	0.003983		194	0.010035
20.83333	335	2.769364	2.77E+00	8.31E+02		53	2.73993833		61	3.153514		10	0.516969		5	0.000258485		27	0.001396		77	0.003981		194	0.010029
20.91667	340	2.76762	2.77E+00	8.31E+02		53	2.73814521		61	3.15145		10	0.516631		5	0.000258316		27	0.001395		77	0.003978		194	0.010023
21	345	2.766455	2.77E+00	8.30E+02		53	2.73670665		61	3.149794		10	0.51636	5	5	0.00025818	27	27	0.001394	77	77	0.003976	194	194	0.010017
21.08333	350	2.686598	2.73E+00	8.18E+02		53	2.69863971		61	3.10368		10	0.5088		5	0.0002544		27	0.001374		77	0.003918		194	0.009871
21.16667	355	2.354198	2.52E+00	7.56E+02		53	2.49277069		61	2.869038		10	0.470334		5	0.000235167		27	0.00127		77	0.003622		194	0.009124
21.25	360	2.035893	2.20E+00	6.59E+02		53	2.17098454		61	2.49868		10	0.40962		5	0.00020481		27	0.001106		77	0.003154		194	0.007947
21.33333	365	1.831888	1.93E+00	5.80E+02		53	1.91269218		61	2.2014		10	0.360885		5	0.000180443		27	0.000974		77	0.002779		194	0.007001
21.41667	370	1.713986	1.77E+00	5.32E+02		53	1.75350297		61	2.018183		10	0.33085		5	0.000165425		27	0.000893		77	0.002548		194	0.006418
21.5	375	1.643631	1.68E+00	5.04E+02		53	1.66040626		61	1.911034		10	0.313284		5	0.000156642		27	0.000846		77	0.002412		194	0.006078
21.58333	380	1.599485	1.62E+00	4.86E+02		53	1.60378331		61	1.845864		10	0.302601		5	0.0001513		27	0.000817		77	0.00233		194	0.00587
21.66667	385	1.57109	1.59E+00	4.76E+02		53	1.56791039		61	1.804576		10	0.295832		5	0.000147916		27	0.000799		77	0.002278		194	0.005739
21.75	390	1.552218	1.56E+00	4.68E+02		53	1.54453595		61	1.777673		10	0.291422		5	0.000145711		27	0.000787		77	0.002244		194	0.005654
21.83333	395	1.539687	1.55E+00	4.64E+02		53	1.52900656		61	1.7598		10	0.288492		5	0.000144246		27	0.000779		77	0.002221		194	0.005597
21.91667	400	1.530294	1.53E+00	4.60E+02		53	1.51816472		61	1.747322		10	0.286446		5	0.000143223		27	0.000773		77	0.002206		194	0.005557
22	405	1.523748	1.53E+00	4.58E+02		53	1.51026258		61	1.73825		10	0.284959		5	0.000142479		27	0.000769		77	0.002194		194	0.005528
22.08333	410	1.518888	1.52E+00	4.56E+02		53	1.50464209		61	1.731758		10	0.283895		5	0.000141947		27	0.000767		77	0.002186		194	0.005508
22.16667	415	1.515019	1.52E+00	4.55E+02		53	1.50032543		61	1.72679		10	0.28308		5	0.00014154		27	0.000764		77	0.00218		194	0.005492
22.25	420	1.513176	1.51E+00	4.54E+02		53	1.49750074		61	1.723539		10	0.282547		5	0.000141274		27	0.000763		77	0.002176		194	0.005481
22.33333	425	1.512127	1.51E+00	4.54E+02		53	1.49607059		61	1.721893		10	0.282277		5	0.000141139		27	0.000762		77	0.002174		194	0.005476
22.41667	430	1.511479	1.51E+00	4.54E+02		53	1.49523139		61	1.720927		10	0.282119		5	0.00014106		27	0.000762		77	0.002172		194	0.005473
22.5	435	1.511086	1.51E+00	4.53E+02		53	1.4947166		61	1.720334		10	0.282022		5	0.000141011		27	0.000761		77	0.002172		194	0.005471
22.58333	440	1.42544	1.47E+00	4.40E+02		53	1.45216865		61	1.671364		10	0.273994		5	0.000136997		27	0.00074		77	0.00211		194	0.005315
22.66667	445	1.028052	1.23E+00	3.68E+02		53	1.21329904		61	1.396439		10	0.228924		5	0.000114462		27	0.000618		77	0.001763		194	0.004441
22.75	450	0.6341298	8.31E-01	2.49E+02		53	0.82198091		61	0.946053		10	0.155091		5	7.75454E-05		27	0.000419		77	0.001194		194	0.003009
22.83333	455	0.3436572	4.89E-01	1.47E+02		53	0.4835345		61	0.556521		10	0.091233		5	4.56165E-05		27	0.000246		77	0.000702		194	0.00177
22.91667	460	0.1487533	2.46E-01	7.39E+01		53	0.24350647		61	0.280262		10	0.045945		5	2.29723E-05		27	0.000124		77	0.000354		194	0.000891
23	465	3.70E-02	9.29E-02	2.79E+01		53	0.09183846		61	0.105701		10	0.017328		5	8.66401E-06		27	4.68E-05		77	0.000133		194	0.000336
	470		1.85E-02	5.54E+00		53	0.01827709		61	0.021036		10	0.003449		5	1.72425E-06		27	9.31E-06		77	2.66E-05		194	6.69E-05
	475		0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0
	480		0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0

Conduit CSO 1027

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.48E+04	9.58	69.44	145.39	13.85	0.01	0.06	0.14	0.37

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
14.25	0	6.47E-04			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
14.33333	5	2.48E-03	1.56E-03	4.69E-01		80	0.002336		761.5	0.022232		36.5	0.001066		7.5	2.18966E-07		172.5	5.0362E-06		283.5	8.2769E-06		639	1.86559E-05
14.41667	10	4.57E-03	3.53E-03	1.06E+00		80	0.005263		761.5	0.050094		36.5	0.002401		7.5	4.93374E-07		172.5	1.1348E-05		283.5	1.865E-05		639	4.20355E-05
14.5	15	6.18E-03	5.37E-03	1.61E+00	69	58	0.008023	451	358.5	0.07637	24	17.5	0.003661	4	5.5	7.52164E-07	130	107	1.73E-05	198	147.5	2.8432E-05	446	410.5	6.40844E-05
14.58333	20	7.36E-03	6.77E-03	2.03E+00		58	0.007329		358.5	0.045298		17.5	0.002211		5.5	6.94949E-07		107	1.352E-05		147.5	1.8637E-05		410.5	5.18685E-05
14.66667	25	8.41E-03	7.88E-03	2.37E+00		58	0.008534		358.5	0.05275		17.5	0.002575		5.5	8.09274E-07		107	1.5744E-05		147.5	2.1703E-05		410.5	6.04013E-05
14.75	30	9.56E-03	8.98E-03	2.69E+00	47	42	0.009721	266	238.5	0.060088	11	9.5	0.002933	7	5.5	9.21851E-07	84	69.5	1.7934E-05	97	90.5	2.4722E-05	375	307	6.88036E-05
14.83333	35	1.09E-02	1.02E-02	3.07E+00		42	0.008028		238.5	0.045588		9.5	0.001816		5.5	1.0513E-06		69.5	1.3285E-05		90.5	1.7299E-05		307	5.86814E-05
14.91667	40	1.25E-02	1.17E-02	3.52E+00		42	0.009194		238.5	0.052208		9.5	0.00208		5.5	1.20397E-06		69.5	1.5214E-05		90.5	1.9811E-05		307	6.72032E-05
15	45	1.43E-02	1.34E-02	4.03E+00	37	32	0.010525	211	192.5	0.059768	8	7	0.002381	4	3.5	1.37829E-06	55	57	1.7417E-05	84	101.5	2.2679E-05	239	258.5	7.69336E-05
15.08333	50	1.71E-02	1.57E-02	4.72E+00		32	0.009392		192.5	0.056498		7	0.002054		3.5	1.02723E-06		57	1.6729E-05		101.5	2.979E-05		258.5	7.58683E-05
15.16667	55	2.58E-02	2.15E-02	6.44E+00		32	0.012823		192.5	0.077136		7	0.002805		3.5	1.40248E-06		57	2.284E-05		101.5	4.0672E-05		258.5	0.000103583
15.25	60	5.56E-02	4.07E-02	1.22E+01	27	32	0.02431	174	166.5	0.146238	6	7	0.005318	3	2	2.65887E-06	59	70.5	4.3302E-05	119	102	7.7107E-05	278	310	0.000196377
15.33333	65	0.1646955	1.10E-01	3.30E+01		32	0.065776		166.5	0.342238		7	0.014388		2	4.11097E-06		70.5	0.00014491		102	0.00020966		310	0.000637201
15.41667	70	0.2933084	2.29E-01	6.87E+01		32	0.13675		166.5	0.711526		7	0.029914		2	8.54686E-06		70.5	0.00030128		102	0.00043589		310	0.001324763
15.5	75	0.3888673	3.41E-01	1.02E+02	37	37.5	0.203682	159	138	1.059785	8	7	0.044556	1	3.5	1.27302E-05	82	65.5	0.00044874	85	81.5	0.00064924	342	325.5	0.001973174
15.58333	80	0.4544407	4.22E-01	1.26E+02		37.5	0.29507		138	1.085857		7	0.05508		3.5	2.75399E-05		65.5	0.00051539		81.5	0.00084129		325.5	0.002561206
15.66667	85	0.5319397	4.93E-01	1.48E+02		37.5	0.34513		138	1.270079		7	0.064424		3.5	3.22122E-05		65.5	0.00060283		81.5	0.00075008		325.5	0.002995731
15.75	90	0.621586	5.77E-01	1.73E+02	38	29	0.403614	117	110.5	1.485298	6	5.5	0.075341	6	8	3.76706E-05	49	36	0.00070498	78	66	0.00087719	309	264	0.003503367
15.83333	95	0.7122108	6.67E-01	2.00E+02		29	0.360907		110.5	1.375179		5.5	0.068448		8	9.95605E-05		36	0.00044802		66	0.00082137		264	0.003285496
15.91667	100	0.8144384	7.63E-01	2.29E+02		29	0.41309		110.5	1.574015		5.5	0.078345		8	0.000113956		36	0.0005128		66	0.00094014		264	0.003760543
16	105	0.9085508	8.61E-01	2.58E+02	20	28	0.466217	104	111	1.776447	5	6	0.08842	10	7.5	0.000128612	23	37	0.00057875	54	50	0.00106105	219	258	0.00424418
16.08333	110	0.990391	9.49E-01	2.85E+02		28	0.496109		111	1.966717		6	0.106309		7.5	0.000132886		37	0.00065557		50	0.00088591		258	0.004571289
16.16667	115	1.099867	1.05E+00	3.14E+02		28	0.546091		111	2.164862		6	0.11702		7.5	0.000146274		37	0.00072162		50	0.00097516		258	0.005031841
16.25	120	1.176642	1.14E+00	3.41E+02	36	35	0.59475	118	142.5	2.357761	7	8	0.127447	5	5	0.000159308	51	53	0.00078592	46	51.5	0.00106205	297	258	0.0054802
16.33333	125	1.233267	1.20E+00	3.61E+02		35	0.787002		142.5	3.204224		8	0.179886		5	0.000112429		53	0.00119175		51.5	0.00115802		258	0.005801332
16.41667	130	1.282738	1.26E+00	3.77E+02		35	0.82165		142.5	3.345289		8	0.187806		5	0.000117379		53	0.00124421		51.5	0.001209		258	0.006056735
16.5	135	1.325368	1.30E+00	3.91E+02	34	29.5	0.851727	167	126.5	3.467747	9	8	0.194681	5	4	0.000121675	55	56.5	0.00128976	57	60.5	0.00125326	219	235.5	0.006278448
16.58333	140	1.359664	1.34E+00	4.03E+02		29.5	0.739059		126.5	3.169183		8	0.200423		4	0.000100211		56.5	0.00141548		60.5	0.0015157		235.5	0.005899942
16.66667	145	1.385478	1.37E+00	4.12E+02		29.5	0.755604		126.5	3.240132		8	0.20491		4	0.000102455		56.5	0.00144717		60.5	0.00154963		235.5	0.006032024
16.75	150	1.404175	1.39E+00	4.18E+02	25	27.5	0.767856	86	107.5	3.292669	7	8	0.208232	3	3	0.000104116	58	59.5	0.00147064	64	64.5	0.00157475	252	277	0.00612983
16.83333	155	1.417024	1.41E+00	4.23E+02		27.5	0.723892		107.5	2.829759		8	0.210587		3	7.897E-05		59.5	0.00156624		64.5	0.00169786		277	0.007291566
16.91667	160	1.4255	1.42E+00	4.26E+02		27.5	0.729364		107.5	2.851149		8	0.212179		3	7.9567E-05		59.5	0.00157808		64.5	0.00171069		277	0.007346682
17	165	1.430848	1.43E+00	4.28E+02	30	40.5	0.732911	129	118	2.865015	9	9.5	0.21321	3	4	7.99539E-05	61	54	0.00158575	65	64	0.00171901	302	269	0.007382411
17.08333	170	1.433954	1.43E+00	4.30E+02		40.5	1.082572		118	3.154162		9.5	0.253937		4	0.000106921		54	0.00144343		64	0.00171073		269	0.00719042
17.16667	175	1.436155	1.44E+00	4.31E+02		40.5	1.084578		118	3.160005		9.5	0.254407		4	0.000107119		54	0.0014461		64	0.0017139		269	0.00720374
17.25	180	1.437837	1.44E+00	4.31E+02	51	47	1.086045	107	114	3.16428	10	9	0.254751	5	7	0.000107264	47	48	0.00144806	63	102.5	0.00171622	236	271	0.007213486
17.33333	185	1.438951	1.44E+00	4.32E+02		47	1.261575		114	3.05999		9	0.241578		7	0.000187894		48	0.00128842		102.5	0.00275131		271	0.007274187
17.41667	190	1.439508	1.44E+00	4.32E+02		47	1.262308		114	3.061768		9	0.241719		7	0.000188003		48	0.00128917		102.5	0.00275291		271	0.007278413
17.5	195	1.438966	1.44E+00	4.32E+02		47	1.262314		114	3.061784		9	0.24172	9	7	0.000188004	49	42	0.00128917	142	140.5	0.00275292	308	294	0.007278451
17.58333	200	1.419189	1.43E+00	4.29E+02		47	1.253404		114	3.040171		9	0.240013		7	0.000186677		42	0.00112006		140.5	0.00374688		294	0.0078044
17.66667	205	1.355558	1.39E+00	4.16E+02		47	1.216826		114	2.951451		9	0.233009		7	0.000181229		42	0.00108738		140.5	0.00363753		294	0.007611637
17.75	210	1.315816	1.34E+00	4.01E+02		47	1.171494		114	2.841495		9	0.224329		7	0.000174478		42	0.00104687		140.5	0.00350202		294	0.007328066
17.83333	215	1.282571	1.30E+00	3.90E+02		47	1.139486		114	2.76386		9	0.218199		7	0.000169711		42	0.00101826		140.5	0.00340634		294	0.007127849
17.91667	220	1.249601	1.27E+00	3.80E+02		47	1.110448		114	2.693428		9	0.212639		7	0.000165386		42	0.00099232		140.5	0.00331953		294	0.006946209
18	225	1.219197	1.23E+00	3.70E+02		47	1.082657		114	2.626018		9	0.207317	5	4	0.000161247	35	37.5	0.00096748	139	120.5	0.00323645	282	252.5	0.006772363
18.08333	230	1.193396	1.21E+00	3.62E+02		47	1.058009		114	2.566234		9	0.202597		4	9.00433E-05		37.5	0.00084416		120.5	0.00271255		252.5	0.005683983
18.16667	235	1.172916	1.18E+00	3.55E+02		47	1.037713		114	2.517006		9	0.198711		4	8.8316E-05		37.5	0.00082796		120.5	0.00266052		252.5	0.005574847
18.25	240	1.157563	1.17E+00	3.50E+02	43	48	1.021999	121	91	2.478891	8	9	0.195702	3	4	8.69786E-05	40	37.5	0.00081542	102	120.5	0.00262023	223	252.5	0.005490526
18.33333	245	1.146321	1.15E+00	3.46E+02		48	1.031832		91	1.956182		9	0.193469		4	8.5986E-05		37.5	0.00080612		120.5	0.00259033		252.5	0.005427869
18.41667	250	1.138151	1.14E+00	3.43E+02		48	1.023138		91	1.9397		9	0.191838		4	8.52615E-05		37.5	0.00079933		120.5	0.0025685		252.5	0.005382135
18.5	255	1.132253	1.14E+00	3.41E+02		48	1.016838		91	1.927755		9	0.190657	5	5	8.47365E-05	35	35	0.0007944	139	139	0.00255269	282	282	0.005348991
18.58333	260	1.128245	1.13E+00	3.39E+02		48	1.012401		91	1.919344		9	0.189825		5	0.000105458		35	0.00073821		139	0.00293175		282	0.005947858
18.66667	265	1.125304	1.13E+00	3.38E+02		48	1.009289		91	1.913444		9	0.189242		5	0.000105134		35	0.00073594		139	0.00292273		282	0.005929573
18.75	270	1.123103	1.12E+00	3.37E+02		48	1.006986		91	1.909078		9	0.18881	5	5	0.000104894	35	35	0.00073426	139	139	0.00291606	282	282	0.005916044
18.83333	275	1.121691	1.12E+00	3.37E+02		48	1.005368		91	1.90601		9	0.188507		5	0.000104726		35	0.00073308		139	0.00291138		282	0.005906537
18.91667	280	1.12076	1.12E+00	3.36E+02		48	1.004319		91	1.904021		9	0.18831		5	0.000104617		35	0.00073232		139	0.00290834		282	0.005900372
19	285	1.119832	1.12E+00	3.36E+02		48	1.003486		91	1.902442		9	0.188154	5	4	0.00010453	35	33.5	0.00073171	139	96	0.00290593	282	215	0.005895481
19.08333	290	1.103097	1.11E+00	3.33E+02		48	0.995575		91	1.887445		9	0.18667		4	8.29646E-05		33.5	0.00069483		96	0.00199115		215	0.004459348
19.16667	295	1.047118	1.08E+00	3.23E+02		48	0.963009		91	1.825705		9	0.180564		4	8.02508E-05		33.5	0.0006721		96	0.00192602		215	0.004313479
19.25	300	1.010374	1.03E+00	3.09E+02	53	53	0.921482	61	61	1.746976	10	10	0.172778	3	4	7.67901E-05	32	29.5	0.00064312	53	65	0.00184296	148	171	0.00412747
19.33333	305	0.9814066	9.96E-01	2.99E+02		53	0.984974		61	1.133649		10	0.185844		4	7.43376E-05		29.5	0.00054824		65	0.00120799		171	0.003177935
19.41667	310	0.9530136	9.67E-01	2.90E+02		53	0.956608		61	1.101002		10	0.180492		4	7.21968E-05		29.5	0.00053245		65	0.0011732		171	0.003086415

Conduit CSO 1027

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
2.48E+04	9.58	69.44	145.39	13.85	0.01	0.06	0.14	0.37

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
19.5	315	0.926182	9.40E-01	2.82E+02		53	0.929298		61	1.06957		10	0.175339	5	5	7.01357E-05	27	27	0.00051725	77	77	0.00113971	194	194	0.002998302
19.58333	320	0.9028404	9.15E-01	2.74E+02		53	0.904487		61	1.041013		10	0.170658		5	8.53289E-05		27	0.00046078		77	0.00131407		194	0.003310763
19.66667	325	0.8821912	8.93E-01	2.68E+02		53	0.882732		61	1.015975		10	0.166553		5	8.32767E-05		27	0.00044969		77	0.00128246		194	0.003231134
19.75	330	0.8669343	8.75E-01	2.62E+02		53	0.864976		61	0.995539		10	0.163203		5	8.16015E-05		27	0.00044065		77	0.00125666		194	0.003166139
19.83333	335	0.8555046	8.61E-01	2.58E+02		53	0.851779		61	0.98035		10	0.160713		5	8.03565E-05		27	0.00043393		77	0.00123749		194	0.003117833
19.91667	340	1.076317	9.66E-01	2.90E+02		53	0.955323		61	1.099523		10	0.18025		5	9.01248E-05		27	0.00048667		77	0.00138792		194	0.003496843
20	345	0.8672454	9.72E-01	2.92E+02		53	0.961129		61	1.106205		10	0.181345	5	5	9.06726E-05	27	27	0.00048963	77	77	0.00139636	194	194	0.003518095
20.08333	350	0.8388087	8.53E-01	2.56E+02		53	0.843677		61	0.971024		10	0.159184		5	7.95921E-05		27	0.0004298		77	0.00122572		194	0.003088175
20.16667	355	0.8327547	8.36E-01	2.51E+02		53	0.82662		61	0.951393		10	0.155966		5	7.7983E-05		27	0.00042111		77	0.00120094		194	0.003025742
20.25	360	0.829051	8.31E-01	2.49E+02		53	0.821795		61	0.945839		10	0.155056		5	7.75278E-05		27	0.00041865		77	0.00119393		194	0.00300808
20.33333	365	0.8255483	8.27E-01	2.48E+02		53	0.818231		61	0.941738		10	0.154383		5	7.71916E-05		27	0.00041683		77	0.00118875		194	0.002995035
20.41667	370	0.8221217	8.24E-01	2.47E+02		53	0.814805		61	0.937794		10	0.153737		5	7.68684E-05		27	0.00041509		77	0.00118377		194	0.002982492
20.5	375	0.8189103	8.21E-01	2.46E+02		53	0.811522		61	0.934016		10	0.153117		5	7.65587E-05		27	0.00041342		77	0.001179		194	0.002970476
20.58333	380	0.8156407	8.17E-01	2.45E+02		53	0.808317		61	0.930327		10	0.152513		5	7.62563E-05		27	0.00041178		77	0.00117435		194	0.002958745
20.66667	385	0.8126067	8.14E-01	2.44E+02		53	0.8052		61	0.926739		10	0.151924		5	7.59622E-05		27	0.0004102		77	0.00116982		194	0.002947335
20.75	390	0.8098094	8.11E-01	2.43E+02		53	0.802316		61	0.92342		10	0.15138		5	7.56902E-05		27	0.00040873		77	0.00116563		194	0.002936779
20.83333	395	0.806891	8.08E-01	2.43E+02		53	0.799489		61	0.920167		10	0.150847		5	7.54235E-05		27	0.00040729		77	0.00116152		194	0.002926433
20.91667	400	0.8042396	8.06E-01	2.42E+02		53	0.796735		61	0.916997		10	0.150327		5	7.51637E-05		27	0.00040588		77	0.00115752		194	0.002916351
21	405	0.8014266	8.03E-01	2.41E+02		53	0.794033		61	0.913887		10	0.149818		5	7.49088E-05		27	0.00040451		77	0.00115359		194	0.00290646
21.08333	410	0.777407	7.89E-01	2.37E+02		53	0.780764		61	0.898615		10	0.147314		5	7.36569E-05		27	0.00039775		77	0.00113432		194	0.002857889
21.16667	415	0.6997389	7.39E-01	2.22E+02		53	0.730477		61	0.840738		10	0.137826		5	6.89129E-05		27	0.00037213		77	0.00106126		194	0.002673822
21.25	420	0.6483278	6.74E-01	2.02E+02		53	0.666645		61	0.767271		10	0.125782		5	6.2891E-05		27	0.00033961		77	0.00096852		194	0.002440172
21.33333	425	0.6100339	6.29E-01	1.89E+02		53	0.622284		61	0.716214		10	0.117412		5	5.8706E-05		27	0.00031701		77	0.00090407		194	0.002277795
21.41667	430	0.5741737	5.92E-01	1.78E+02		53	0.585613		61	0.674008		10	0.110493		5	5.52466E-05		27	0.00029833		77	0.0008508		194	0.002143566
21.5	435	0.5407303	5.57E-01	1.67E+02		53	0.551341		61	0.634563		10	0.104027		5	5.20133E-05		27	0.00028087		77	0.00080101		194	0.002018118
21.58333	440	0.5108714	5.26E-01	1.58E+02		53	0.520037		61	0.598533		10	0.09812		5	4.90601E-05		27	0.00026492		77	0.00075553		194	0.001903533
21.66667	445	0.4854139	4.98E-01	1.49E+02		53	0.492682		61	0.567049		10	0.092959		5	4.64795E-05		27	0.00025099		77	0.00071578		194	0.001803403
21.75	450	0.4646698	4.75E-01	1.43E+02		53	0.469835		61	0.540753		10	0.088648		5	4.4324E-05		27	0.00023935		77	0.00068259		194	0.001719772
21.83333	455	0.4483598	4.57E-01	1.37E+02		53	0.451511		61	0.519663		10	0.085191		5	4.25954E-05		27	0.00023001		77	0.00065597		194	0.0016527
21.91667	460	0.4359908	4.42E-01	1.33E+02		53	0.437328		61	0.50334		10	0.082515		5	4.12574E-05		27	0.00022279		77	0.00063536		194	0.001600787
22	465	0.4267187	4.31E-01	1.29E+02		53	0.426626		61	0.491023		10	0.080496		5	4.02478E-05		27	0.00021734		77	0.00061982		194	0.001561614
22.08333	470	0.4198406	4.23E-01	1.27E+02		53	0.41864		61	0.481831		10	0.078989		5	3.94943E-05		27	0.00021327		77	0.00060821		194	0.00153238
22.16667	475	0.4147265	4.17E-01	1.25E+02		53	0.41271		61	0.475005		10	0.07787		5	3.89349E-05		27	0.00021025		77	0.0005996		194	0.001510673
22.25	480	0.4107271	4.13E-01	1.24E+02		53	0.408203		61	0.469818		10	0.077019		5	3.85097E-05		27	0.00020795		77	0.00059305		194	0.001494178
22.33333	485	0.4076566	4.09E-01	1.23E+02		53	0.404706		61	0.465794		10	0.07636		5	3.81799E-05		27	0.00020617		77	0.00058797		194	0.001481379
22.41667	490	0.4051089	4.06E-01	1.22E+02		53	0.401928		61	0.462597		10	0.075836		5	3.79178E-05		27	0.00020476		77	0.00058393		194	0.001471209
22.5	495	0.4031789	4.04E-01	1.21E+02		53	0.399714		61	0.460048		10	0.075418		5	3.77089E-05		27	0.00020363		77	0.00058072		194	0.001463104
22.58333	500	0.3805135	3.92E-01	1.18E+02		53	0.387551		61	0.446049		10	0.073123		5	3.65614E-05		27	0.00019743		77	0.00056305		194	0.001418583
22.66667	505	0.2879601	3.34E-01	1.00E+02		53	0.330573		61	0.380471		10	0.062372		5	3.11861E-05		27	0.00016841		77	0.00048027		194	0.001210022
22.75	510	0.2258887	2.57E-01	7.71E+01		53	0.254108		61	0.292464		10	0.047945		5	2.39725E-05		27	0.00012945		77	0.00036918		194	0.000930132
22.83333	515	0.1831383	2.05E-01	6.14E+01		53	0.202272		61	0.232803		10	0.038164		5	1.90822E-05		27	0.00010304		77	0.00029387		194	0.000740391
22.91667	520	0.1463958	1.65E-01	4.94E+01		53	0.162961		61	0.187559		10	0.030747		5	1.53737E-05		27	8.3018E-05		77	0.00023675		194	0.000596499
23	525	0.1125522	1.29E-01	3.88E+01		53	0.128055		61	0.147384		10	0.024161		5	1.20806E-05		27	6.5235E-05		77	0.00018604		194	0.000468729
23.08333	530	8.07E-02	9.66E-02	2.90E+01		53	0.095556		61	0.10998		10	0.018029		5	9.01472E-06		27	4.8679E-05		77	0.00013883		194	0.000349771
23.16667	535	5.30E-02	6.68E-02	2.00E+01		53	0.06609		61	0.076066		10	0.01247		5	6.23488E-06		27	3.3668E-05		77	9.6017E-05		194	0.000241913
23.25	540	3.54E-02	4.42E-02	1.32E+01		53	0.043682		61	0.050275		10	0.008242		5	4.12091E-06		27	2.2253E-05		77	6.3462E-05		194	0.000159891
23.33333	545	2.33E-02	2.93E-02	8.80E+00		53	0.029011		61	0.03339		10	0.005474		5	2.73692E-06		27	1.4779E-05		77	4.2149E-05		194	0.000106193
23.41667	550	1.50E-02	1.92E-02	5.75E+00		53	0.018954		61	0.021815		10	0.003576		5	1.78812E-06		27	9.6559E-06		77	2.7537E-05		194	6.93792E-05
23.5	555	9.28E-03	1.22E-02	3.65E+00		53	0.012021		61	0.013835		10	0.002268		5	1.13404E-06		27	6.1238E-06		77	1.7464E-05		194	4.40007E-05
23.58333	560	5.38E-03	7.33E-03	2.20E+00		53	0.007252		61	0.008347		10	0.001368		5	6.84155E-07		27	3.6944E-06		77	1.0536E-05		194	2.65452E-05
23.66667	565	2.79E-03	4.08E-03	1.23E+00		53	0.00404		61	0.00465		10	0.000762		5	3.81139E-07		27	2.0582E-06		77	5.8695E-06		194	1.47882E-05
23.75	570	1.06E-03	1.92E-03	5.76E-01		53	0.001901		61	0.002187		10	0.000359		5	1.793E-07		27	9.6822E-07		77	2.7612E-06		194	6.95683E-06
23.83333	575	8.35E-06	5.33E-04	1.60E-01		53	0.000527		61	0.000607		10	9.95E-05		5	4.9747E-08		27	2.6863E-07		77	7.661E-07		194	1.93018E-06

Conduit CSO 1029

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
8.73E+04	8.58	236.59	553.04	47.45	0.03	0.22	0.50	1.38

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
14.58333	0	6.99E-04			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
14.66667	5	9.62E-03	5.16E-03	1.55E+00		80	0.00770234		761.5	0.073317		36.5	0.003514		7.5	7.22094E-07		172.5	1.66082E-05		283.5	2.72952E-05		639	6.15224E-05
14.75	10	2.29E-02	1.63E-02	4.88E+00		80	0.02425996		761.5	0.230925		36.5	0.011069		7.5	2.27437E-06		172.5	5.23105E-05		283.5	8.59712E-05		639	0.000193776
14.83333	15	3.88E-02	3.08E-02	9.25E+00	69	58	0.04602728	451	358.5	0.438122	24	17.5	0.021	4	5.5	4.31506E-06	130	107	9.92463E-05	198	147.5	0.000163109	446	410.5	0.000367643
14.91667	20	5.57E-02	4.72E-02	1.42E+01		58	0.0511138		358.5	0.315936		17.5	0.015422		5.5	4.847E-06		107	9.42961E-05		147.5	0.000129988		410.5	0.000361762
15	25	7.19E-02	6.38E-02	1.91E+01		58	0.0690388		358.5	0.428731		17.5	0.020831		5.5	6.54678E-06		107	0.000127365		147.5	0.000175573		410.5	0.000488628
15.08333	30	8.98E-02	8.08E-02	2.43E+01	47	42	0.08749251	266	238.5	0.540794	11	9.5	0.026399	7	5.5	6.2967E-06	84	69.5	0.000161409	97	90.5	0.000222502	375	307	0.000619236
15.16667	35	0.1314042	1.11E-01	3.32E+01		42	0.086674		238.5	0.492185		9.5	0.019605		5.5	1.13502E-05		69.5	0.000143425		90.5	0.000186762		307	0.000633546
15.25	40	0.2581575	1.95E-01	5.84E+01		42	0.15266268		238.5	0.866906		9.5	0.034531		5.5	1.99915E-05		69.5	0.00025262		90.5	0.000328952		307	0.001115891
15.33333	45	0.5262943	3.93E-01	1.18E+02	37	32	0.30819724	211	192.5	1.75012	8	7	0.069711	4	3.5	4.03592E-05	55	57	0.000509993	84	101.5	0.000884092	239	258.5	0.002252775
15.41667	50	0.972744	7.51E-01	2.25E+02		32	0.44817651		192.5	2.696062		7	0.098039		3.5	4.90193E-05		57	0.000798314		101.5	0.00142156		258.5	0.003620426
15.5	55	1.496654	1.23E+00	3.70E+02		32	0.73730709		192.5	4.435363		7	0.161286		3.5	8.0643E-05		57	0.001313328		101.5	0.002338648		258.5	0.005956059
15.58333	60	2.01006	1.75E+00	5.26E+02	27	32	1.04702647	174	166.5	6.298519	6	7	0.229037	3	2	0.000114519	59	70.5	0.001865016	119	102	0.003321037	278	310	0.008458011
15.66667	65	2.471648	2.24E+00	6.72E+02		32	1.33813791		166.5	6.962499		7	0.292718		2	8.36336E-05		70.5	0.002948085		102	0.004265315		310	0.012963211
15.75	70	2.819661	2.65E+00	7.94E+02		32	1.57986668		166.5	8.220244		7	0.345596		2	9.87417E-05		70.5	0.003480644		102	0.005035825		310	0.015304958
15.83333	75	3.047208	2.93E+00	8.80E+02	37	37.5	1.75171604	159	138	9.114398	8	7	0.383188	1	3.5	0.000109482	82	65.5	0.003859249	85	81.5	0.005583595	342	325.5	0.016969749
15.91667	80	3.202844	3.13E+00	9.38E+02		37.5	2.18686632		138	8.047668		7	0.408215		3.5	0.000204108		65.5	0.003819727		81.5	0.004752789		325.5	0.018982
16	85	3.30753	3.26E+00	9.77E+02		37.5	2.27795187		138	8.382863		7	0.425218		3.5	0.000212609		65.5	0.003978823		81.5	0.004950749		325.5	0.019772622
16.08333	90	3.405991	3.36E+00	1.01E+03	38	29	2.34903213	117	110.5	6.644438	6	5.5	0.438486	6	8	0.000219243	49	36	0.004102976	78	66	0.00510523	309	264	0.020389599
16.16667	95	3.577562	3.49E+00	1.05E+03		29	1.88965173		110.5	7.200225		5.5	0.358362		8	0.000521283		36	0.002345775		66	0.004300587		264	0.017202347
16.25	100	3.785686	3.68E+00	1.10E+03		29	1.99239188		110.5	7.5917		5.5	0.377867		8	0.000549625		36	0.002473314		66	0.004534409		264	0.018137636
16.33333	105	3.985577	3.89E+00	1.17E+03	20	28	2.10279503	104	111	8.012374	5	6	0.398806	10	7.5	0.000580081	23	37	0.002610366	54	50	0.004785871	219	258	0.019142686
16.41667	110	4.146538	4.07E+00	1.22E+03		28	2.12455941		111	8.422361		6	0.455263		7.5	0.000569078		37	0.002807454		50	0.003793856		258	0.019576297
16.5	115	4.260224	4.20E+00	1.26E+03		28	2.19631244		111	8.70681		6	0.470638		7.5	0.000588298		37	0.00290227		50	0.003921966		258	0.02023745
16.58333	120	4.333043	4.30E+00	1.29E+03	36	35	2.24503789	118	142.5	8.899972	7	8	0.48108	5	5	0.000601349	51	53	0.002966657	46	51.5	0.004008998	297	258	0.020686421
16.66667	125	4.376936	4.35E+00	1.31E+03		35	2.84441192		142.5	11.58082		8	0.650151		5	0.000406345		53	0.004307252		51.5	0.004185349		258	0.020987379
16.75	130	4.404158	4.39E+00	1.32E+03		35	2.8676359		142.5	11.67537		8	0.65546		5	0.000409662		53	0.00434242		51.5	0.004219521		258	0.021138573
16.83333	135	4.421303	4.41E+00	1.32E+03	34	29.5	2.8821248	167	126.5	11.73437	9	8	0.658771	5	4	0.000411732	55	56.5	0.00436436	57	60.5	0.004240841	219	235.5	0.021245377
16.91667	140	4.433344	4.43E+00	1.33E+03		29.5	2.43725296		126.5	10.45127		8	0.66095		4	0.000330475		56.5	0.004667959		60.5	0.004998434		235.5	0.019456714
17	145	4.458714	4.45E+00	1.33E+03		29.5	2.44755038		126.5	10.49543		8	0.663742		4	0.000331871		56.5	0.004687681		60.5	0.005019552		235.5	0.019538919
17.08333	150	4.537824	4.50E+00	1.35E+03	25	27.5	2.47630864	86	107.5	10.61875	7	8	0.671541	3	3	0.000335771	58	59.5	0.004742761	64	64.5	0.005078531	252	277	0.019768498
17.16667	155	4.688859	4.61E+00	1.38E+03		27.5	2.36747625		107.5	9.25468		8	0.68872		3	0.00025827		59.5	0.005122358		64.5	0.005552808		277	0.023846943
17.25	160	4.90055	4.79E+00	1.44E+03		27.5	2.46054818		107.5	9.618507		8	0.715796		3	0.000268423		59.5	0.005323732		64.5	0.005771104		277	0.024784431
17.33333	165	5.145542	5.02E+00	1.51E+03	30	40.5	2.57772855	129	118	10.07858	9	9.5	0.749885	3	4	0.000281207	61	54	0.005577267	65	64	0.006045945	302	269	0.025964757
17.41667	170	5.394362	5.27E+00	1.58E+03		40.5	3.98289646		118	11.60449		9.5	0.93426		4	0.000393372		54	0.005310529		64	0.00629396		269	0.0264543
17.5	175	5.640814	5.52E+00	1.66E+03		40.5	4.17005348		118	12.14979		9.5	0.978161		4	0.000411857		54	0.005560071		64	0.006589714		269	0.027697392
17.58333	180	5.813862	5.73E+00	1.72E+03	51	47	4.32657723	107	114	12.61166	10	9	1.015345	5	7	0.000427514	47	48	0.005771436	63	102.5	0.006840221	236	271	0.028750303
17.66667	185	5.754738	5.78E+00	1.74E+03		47	5.07324692		114	12.30532		9	0.971473		7	0.00075559		48	0.005181188		102.5	0.011063996		271	0.029252126
17.75	190	5.564747	5.66E+00	1.70E+03		47	4.96400104		114	12.04034		9	0.950553		7	0.000739319		48	0.005069618		102.5	0.010825747		271	0.028622219
17.83333	195	5.354586	5.46E+00	1.64E+03		47	4.78852001		114	11.61471		9	0.916951	9	7	0.000713184	49	42	0.004890403	142	140.5	0.010443049	306	294	0.027610403
17.91667	200	5.18233	5.27E+00	1.58E+03		47	4.6208164		114	11.20794		9	0.884837		7	0.000688207		42	0.00412924		140.5	0.013813292		294	0.028904681
18	205	5.059426	5.12E+00	1.54E+03		47	4.49137814		114	10.89398		9	0.860051		7	0.000668929		42	0.004013572		140.5	0.013426354		294	0.028095004
18.08333	210	4.984639	5.02E+00	1.51E+03		47	4.40468353		114	10.6837		9	0.84345		7	0.000656017		42	0.0039361		140.5	0.013167192		294	0.027552701
18.16667	215	4.938156	4.96E+00	1.49E+03		47	4.35150227		114	10.55471		9	0.833266		7	0.000648096		42	0.003888576		140.5	0.013008214		294	0.027220035
18.25	220	4.908125	4.92E+00	1.48E+03		47	4.31794813		114	10.47332		9	0.826841		7	0.000643099		42	0.003858592		140.5	0.012907909		294	0.027010144
18.33333	225	4.887123	4.90E+00	1.47E+03		47	4.29556833		114	10.41904		9	0.822556	5	4	0.000639765	35	37.5	0.003838593	139	120.5	0.012841007	282	252.5	0.026870151
18.41667	230	4.872509	4.88E+00	1.46E+03		47	4.27994943		114	10.38115		9	0.819565		4	0.000364251		37.5	0.003414853		120.5	0.010973062		252.5	0.022993345
18.5	235	4.862849	4.87E+00	1.46E+03		47	4.26930441		114	10.35533		9	0.817526		4	0.000363345		37.5	0.00340636		120.5	0.01094577		252.5	0.022936157
18.58333	240	4.856873	4.86E+00	1.46E+03	43	48	4.26244746	121	91	10.3387	8	9	0.816213	3	4	0.000362761	40	37.5	0.003400889	102	120.5	0.01092819	223	252.5	0.022899319
18.66667	245	4.852961	4.85E+00	1.46E+03		48	4.34870933		91	8.244428		9	0.815383		4	0.000362392		37.5	0.003397429		120.5	0.010917072		252.5	0.022876023
18.75	250	4.85042	4.85E+00	1.46E+03		48	4.34581925		91	8.238949		9	0.814841		4	0.000362152		37.5	0.003395171		120.5	0.010909817		252.5	0.02286082
18.83333	255	4.850359	4.85E+00	1.46E+03		48	4.3446539		91	8.23674		9	0.814623	5	5	0.000362054	35	35	0.003394261	139	139	0.010906892	282	282	0.02285469
18.91667	260	4.849537	4.85E+00	1.45E+03		48	4.34425843		91	8.23599		9	0.814548		5	0.000452527		35	0.003167688		139	0.012580248		282	0.025522518
19	265	4.849719	4.85E+00	1.45E+03		48	4.3439718		91	8.235447		9	0.814495		5	0.000452497		35	0.003167479		139	0.012579418		282	0.025520834
19.08333	270	4.80226	4.83E+00	1.45E+03		48	4.32279801		91	8.195305		9	0.810525	5	5	0.000450291	35	35	0.00315204	139	139	0.012518103	282	282	0.025396438
19.16667	275	4.584252	4.69E+00	1.41E+03		48	4.20390424		91	7.969902		9	0.788232		5	0.000437907		35	0.003065347		139	0.012173806		282	0.024697937
19.25	280	4.284745	4.43E+00	1.33E+03		48	3.97212661		91	7.53049		9	0.744774		5	0.000413763		35	0.002896342		139	0.011502617		282	0.023336244

Conduit CSO 1029

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
8.73E+04	8.58	236.59	553.04	47.45	0.03	0.22	0.50	1.36

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
19.33333	285	3.989235	4.14E+00	1.24E+03		48	3.70563843		91	7.025273		9	0.694807	5	4	0.000386004	35	33.5	0.002702028	139	96	0.010730911	282	215	0.021770626
19.41667	290	3.734848	3.88E+00	1.16E+03		48	3.45935799		91	6.558366		9	0.64863		4	0.00028828		33.5	0.002414344		96	0.009818716		215	0.015495041
19.5	295	3.535294	3.64E+00	1.09E+03		48	3.25605302		91	6.172934		9	0.61051		4	0.000271338		33.5	0.002272454		96	0.009512106		215	0.014584404
19.58333	300	3.383421	3.46E+00	1.04E+03	53	53	3.09866064	61	61	5.874544	10	10	0.580999	3	4	0.000258222	32	29.5	0.002162607	53	65	0.006197321	148	171	0.013879417
19.66667	305	3.227072	3.31E+00	9.92E+02		53	3.26901608		61	3.762452		10	0.616795		4	0.000246718		29.5	0.001819547		65	0.004009171		171	0.010547203
19.75	310	2.985598	3.11E+00	9.32E+02		53	3.07228495		61	3.536026		10	0.579876		4	0.000231871		29.5	0.001710045		65	0.003767897		171	0.009912467
19.83333	315	2.822909	2.90E+00	8.71E+02		53	2.87241856		61	3.305991		10	0.541966	5	5	0.000216786	27	27	0.001598799	77	77	0.003522777	194	194	0.009267615
19.91667	320	2.710745	2.77E+00	8.30E+02		53	2.73649846		61	3.149555		10	0.51632		5	0.00025816		27	0.001394065		77	0.003975868		194	0.010016617
20	325	2.631115	2.67E+00	8.01E+02		53	2.64165263		61	3.040393		10	0.498425		5	0.000249213		27	0.001345748		77	0.003837873		194	0.009669445
20.08333	330	2.572065	2.60E+00	7.80E+02		53	2.5730727		61	2.961461		10	0.485485		5	0.000242743		27	0.001310811		77	0.003738238		194	0.009418417
20.16667	335	2.526752	2.55E+00	7.65E+02		53	2.52146319		61	2.902061		10	0.475748		5	0.000237874		27	0.001284519		77	0.003663258		194	0.009229507
20.25	340	2.491167	2.51E+00	7.53E+02		53	2.48145757		61	2.856017		10	0.4682		5	0.0002341		27	0.001264139		77	0.003605136		194	0.009083071
20.33333	345	2.462803	2.48E+00	7.43E+02		53	2.44983356		61	2.81962		10	0.462233	5	5	0.000231116	27	27	0.001248028	77	77	0.003559192	194	194	0.008967315
20.41667	350	2.440998	2.45E+00	7.36E+02		53	2.42502402		61	2.791065		10	0.457552		5	0.000228776		27	0.00123539		77	0.003523146		194	0.008876503
20.5	355	2.422691	2.43E+00	7.30E+02		53	2.40518787		61	2.768235		10	0.453809		5	0.000226905		27	0.001225284		77	0.00349433		194	0.008803895
20.58333	360	2.408081	2.42E+00	7.25E+02		53	2.38890978		61	2.7495		10	0.450738		5	0.000225389		27	0.001216992		77	0.00347068		194	0.008744311
20.66667	365	2.395474	2.40E+00	7.21E+02		53	2.37545044		61	2.734009		10	0.448198		5	0.000224099		27	0.001210135		77	0.003451126		194	0.008695045
20.75	370	2.385012	2.39E+00	7.17E+02		53	2.36404238		61	2.720879		10	0.446046		5	0.000223023		27	0.001204323		77	0.003434552		194	0.008653287
20.83333	375	2.375832	2.38E+00	7.14E+02		53	2.35423013		61	2.709586		10	0.444194		5	0.000222097		27	0.001199325		77	0.003420297		194	0.008617371
20.91667	380	2.367738	2.37E+00	7.12E+02		53	2.3456878		61	2.699754		10	0.442583		5	0.000221291		27	0.001194973		77	0.003407886		194	0.008586103
21	385	2.361702	2.36E+00	7.09E+02		53	2.33879915		61	2.691825		10	0.441283		5	0.000220641		27	0.001191464		77	0.003397878		194	0.008560867
21.08333	390	2.314923	2.34E+00	7.01E+02		53	2.31268112		61	2.661765		10	0.436355		5	0.000218177		27	0.001178158		77	0.003359933		194	0.008465286
21.16667	395	2.133309	2.22E+00	6.67E+02		53	2.19973638		61	2.531772		10	0.415045		5	0.000207522		27	0.00112062		77	0.003195843		194	0.008051865
21.25	400	1.902343	2.02E+00	6.05E+02		53	1.99570762		61	2.296947		10	0.376549		5	0.000188274		27	0.001016681		77	0.002899424		194	0.007305043
21.33333	405	1.67877	1.79E+00	5.37E+02		53	1.77092934		61	2.038239		10	0.334138		5	0.000167069		27	0.000902172		77	0.00257286		194	0.00648227
21.41667	410	1.493353	1.59E+00	4.76E+02		53	1.56867591		61	1.805457		10	0.295977		5	0.000147988		27	0.000799137		77	0.0022792		194	0.005741946
21.5	415	1.35135	1.42E+00	4.27E+02		53	1.40676041		61	1.619102		10	0.265426		5	0.000132713		27	0.000716652		77	0.002043784		194	0.005149274
21.58333	420	1.249933	1.30E+00	3.90E+02		53	1.28638453		61	1.480556		10	0.242714		5	0.000121357		27	0.000655328		77	0.001868898		194	0.004708853
21.66667	425	1.181315	1.22E+00	3.65E+02		53	1.20229895		61	1.383778		10	0.226849		5	0.000113424		27	0.000612492		77	0.001746736		194	0.004400868
21.75	430	1.138293	1.16E+00	3.48E+02		53	1.14709082		61	1.320237		10	0.216432		5	0.000108216		27	0.000584367		77	0.001666528		194	0.004198785
21.83333	435	1.111739	1.13E+00	3.38E+02		53	1.11268415		61	1.280636		10	0.20994		5	0.00010497		27	0.000566839		77	0.001616541		194	0.004072844
21.91667	440	1.094969	1.10E+00	3.31E+02		53	1.0912596		61	1.255978		10	0.205898		5	0.000102949		27	0.000555925		77	0.001585415		194	0.003994422
22	445	1.083863	1.09E+00	3.27E+02		53	1.07747438		61	1.240112		10	0.203297		5	0.000101649		27	0.000548902		77	0.001565387		194	0.003943963
22.08333	450	1.075951	1.08E+00	3.24E+02		53	1.06806961		61	1.229288		10	0.201523		5	0.000100761		27	0.000544111		77	0.001551724		194	0.003909538
22.16667	455	1.069296	1.07E+00	3.22E+02		53	1.06086595		61	1.220997		10	0.200163		5	0.000100082		27	0.000540441		77	0.001541258		194	0.00388317
22.25	460	1.063981	1.07E+00	3.20E+02		53	1.05494655		61	1.214184		10	0.199047		5	9.95233E-05		27	0.000537426		77	0.001532656		194	0.003881502
22.33333	465	1.059237	1.06E+00	3.18E+02		53	1.04997219		61	1.208459		10	0.198108		5	9.9054E-05		27	0.000534891		77	0.001525431		194	0.003843294
22.41667	470	1.055044	1.06E+00	3.17E+02		53	1.04555267		61	1.203372		10	0.197274		5	9.8637E-05		27	0.00053264		77	0.00151901		194	0.003827117
22.5	475	1.051357	1.05E+00	3.16E+02		53	1.04165588		61	1.198887		10	0.196539		5	9.82694E-05		27	0.000530855		77	0.001513349		194	0.003812854
22.58333	480	1.00928	1.03E+00	3.09E+02		53	1.01902468		61	1.17284		10	0.192269		5	9.61344E-05		27	0.000519126		77	0.00148047		194	0.003730015
22.66667	485	0.8342606	9.22E-01	2.77E+02		53	0.91166633		61	1.049276		10	0.172013		5	8.60063E-05		27	0.000484434		77	0.001324496		194	0.003337043
22.75	490	0.5893563	7.12E-01	2.14E+02		53	0.7040059 7		61	0.810271		10	0.132831		5	6.64157E-05		27	0.000358645		77	0.001022801		194	0.002576928
22.83333	495	0.3794078	4.84E-01	1.45E+02		53	0.4790725		61	0.551385		10	0.090391		5	4.51955E-05		27	0.000244056		77	0.000696011		194	0.001753586
22.91667	500	0.2194676	2.99E-01	8.98E+01		53	0.29615542		61	0.340858		10	0.055878		5	2.79392E-05		27	0.000150872		77	0.000430264		194	0.001084041
23	505	0.1097097	1.65E-01	4.94E+01		53	0.16278451		61	0.187356		10	0.030714		5	1.5357E-05		27	8.2928E-05		77	0.000236498		194	0.000595853
23.08333	510	4.17E-02	7.57E-02	2.27E+01		53	0.07488211		61	0.086185		10	0.014129		5	7.06435E-06		27	3.81475E-05		77	0.000108791		194	0.000274097
23.16667	515	2.81E-03	2.23E-02	6.68E+00		53	0.02201727		61	0.025341		10	0.004154		5	2.0771E-06		27	1.12163E-05		77	3.19874E-05		194	8.05915E-05
	520		1.40E-03	4.21E-01		53	0.00138872		61	0.001598		10	0.000262		5	1.31012E-07		27	7.07464E-07		77	2.01758E-06		194	5.06326E-06
	525		0.00E+00	0.00E+00		53	0		61	0		10	0												
	530		0.00E+00	0.00E+00		53	0		61	0		10	0												
	535		0.00E+00	0.00E+00		53	0		61	0		10	0												

Conduit CSO 1031

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
6.92E+04	9.08	190.17	439.42	38.39	0.02	0.18	0.39	1.06

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
14.41667	0	1.66E-04			91	80		1072		761.5	49	36.5		11	7.5		215	172.5		369	283.5		832	639	
14.5	5	2.27E-02	1.14E-02	3.43E+00		80	0.017073			761.5	0.162514		36.5	0.00779		7.5	1.60059E-06		172.5	3.68137E-05		283.5	6.05025E-05		639	0.000136
14.58333	10	9.83E-02	6.05E-02	1.82E+01		80	0.0903452			761.5	0.859973		36.5	0.04122		7.5	8.46986E-06		172.5	0.000194807		283.5	0.000320161		639	0.000722
14.66667	15	0.2708354	1.85E-01	5.54E+01	69	58	0.2755598	451	358.5	2.622985	24	17.5	0.125724	4	5.5	2.58337E-05	130	107	0.000594176	198	147.5	0.000976515	446	410.5	0.002201
14.75	20	0.4338399	3.52E-01	1.06E+02		58	0.3813506		358.5	2.357141		17.5	0.115063		5.5	3.61626E-05		107	0.000703526		147.5	0.000969814		410.5	0.002699
14.83333	25	0.5568474	4.95E-01	1.49E+02		58	0.5361322		358.5	3.313852		17.5	0.161764		5.5	5.08401E-05		107	0.000989072		147.5	0.00136344		410.5	0.003795
14.91667	30	0.6530024	6.05E-01	1.81E+02	47	42	0.6547369	266	238.5	4.046951	11	9.5	0.19755	7	5.5	6.20871E-05	84	69.5	0.001207877	97	90.5	0.001665064	375	307	0.004634
15	35	0.7194975	6.86E-01	2.06E+02		42	0.5378596		238.5	3.054274		9.5	0.121659		5.5	7.0434E-05		69.5	0.00089003		90.5	0.001158959		307	0.003931
15.08333	40	0.7643585	7.42E-01	2.23E+02		42	0.5814982		238.5	3.302079		9.5	0.131529		5.5	7.61486E-05		69.5	0.000962241		90.5	0.00125299		307	0.00425
15.16667	45	0.8481612	8.06E-01	2.42E+02	37	32	0.6319194	211	192.5	3.588399	8	7	0.142934	4	3.5	8.27513E-05	55	57	0.001045676	84	101.5	0.001361636	239	258.5	0.004619
15.25	50	1.043453	9.46E-01	2.84E+02		32	0.5647937		192.5	3.397587		7	0.123549		3.5	6.17743E-05		57	0.001006039		101.5	0.001791455		258.5	0.004562
15.33333	55	1.320636	1.18E+00	3.55E+02		32	0.7058642		192.5	4.246214		7	0.154408		3.5	7.72039E-05		57	0.001257321		101.5	0.002238913		258.5	0.005702
15.41667	60	1.556622	1.44E+00	4.32E+02	27	32	0.859085	174	166.5	5.167933	6	7	0.187925	3	2	9.39624E-05	59	70.5	0.001530245	119	102	0.00272491	278	310	0.00694
15.5	65	1.735154	1.65E+00	4.94E+02		32	0.9828508		166.5	5.113896		7	0.214999		2	6.14282E-05		70.5	0.002165343		102	0.003132837		310	0.009521
15.58333	70	1.853206	1.79E+00	5.38E+02		32	1.0714041		166.5	5.57465		7	0.23437		2	6.69628E-05		70.5	0.002360437		102	0.003415101		310	0.010379
15.66667	75	1.937216	1.90E+00	5.69E+02	37	37.5	1.1317353	159	138	5.88856	8	7	0.247567	1	3.5	7.07335E-05	82	65.5	0.002493354	85	81.5	0.003607406	342	325.5	0.010964
15.75	80	2.014305	1.98E+00	5.93E+02		37.5	1.3826202		138	5.088042		7	0.258089		3.5	0.000129045		65.5	0.002414977		81.5	0.003004895		325.5	0.012001
15.83333	85	2.109375	2.06E+00	6.19E+02		37.5	1.4428579		138	5.309717		7	0.269333		3.5	0.000134667		65.5	0.002520192		81.5	0.003135811		325.5	0.012524
15.91667	90	2.220763	2.17E+00	6.50E+02	38	29	1.5150967	117	110.5	5.575556	6	5.5	0.282818	6	8	0.000141409	49	36	0.002646369	78	66	0.00329281	309	284	0.013151
16	95	2.32837	2.27E+00	6.82E+02		29	1.2309317		110.5	4.690274		5.5	0.233453		8	0.000339567		36	0.001528053		66	0.002801431		284	0.011206
16.08333	100	2.436347	2.38E+00	7.15E+02		29	1.2892658		110.5	4.912547		5.5	0.244516		8	0.00035566		36	0.001600468		66	0.002934191		284	0.011737
16.16667	105	2.62887	2.53E+00	7.60E+02	20	28	1.3705768	104	111	5.22237	5	6	0.259937	10	7.5	0.00037809	23	37	0.001701406	54	50	0.003119244	219	258	0.012477
16.25	110	2.912507	2.77E+00	8.31E+02		28	1.447715		111	5.739156		6	0.310225		7.5	0.000387781		37	0.001913052		50	0.002585205		258	0.01334
16.33333	115	3.18487	3.05E+00	9.15E+02		28	1.592973		111	6.315		6	0.341351		7.5	0.000426689		37	0.002105		50	0.002844595		258	0.014678
16.41667	120	3.396487	3.29E+00	9.87E+02	36	35	1.7194154	118	142.5	6.816254	7	8	0.368446	5	5	0.000460558	51	53	0.002272085	46	51.5	0.003070385	297	258	0.015843
16.5	125	3.542224	3.47E+00	1.04E+03		35	2.2659701		142.5	9.225736		8	0.517936		5	0.00032371		53	0.003431326		51.5	0.003334213		258	0.016703
16.58333	130	3.642942	3.59E+00	1.08E+03		35	2.3464548		142.5	9.553423		8	0.536333		5	0.000335208		53	0.003553203		51.5	0.003452641		258	0.017297
16.66667	135	3.714996	3.68E+00	1.10E+03	34	29.5	2.4028768	167	126.5	9.783141	9	8	0.549229	5	4	0.000343268	55	56.5	0.003638642	57	60.5	0.003535662	219	235.5	0.017713
16.75	140	3.771396	3.74E+00	1.12E+03		29.5	2.060639		126.5	8.836299		8	0.558817		4	0.000279409		56.5	0.003946648		60.5	0.004226056		235.5	0.01645
16.83333	145	3.817146	3.79E+00	1.14E+03		29.5	2.0887559		126.5	8.956869		8	0.566442		4	0.000283221		56.5	0.004000499		60.5	0.00428372		235.5	0.016675
16.91667	150	3.854517	3.84E+00	1.15E+03	25	27.5	2.1116351	86	107.5	9.054978	7	8	0.572647	3	3	0.000286323	58	59.5	0.004044318	64	64.5	0.004330641	252	277	0.016857
17	155	3.882982	3.87E+00	1.16E+03		27.5	1.9853663		107.5	7.760977		8	0.577561		3	0.000216585		59.5	0.004295611		64.5	0.004856586		277	0.019998
17.08333	160	3.903984	3.89E+00	1.17E+03		27.5	1.998059		107.5	7.810594		8	0.581254		3	0.00021797		59.5	0.004323073		64.5	0.004686357		277	0.020126
17.16667	165	3.918825	3.91E+00	1.17E+03	30	40.5	2.007256	129	118	7.846546	9	9.5	0.583929	3	4	0.000218973	61	54	0.004342972	65	64	0.004707928	302	269	0.020219
17.25	170	3.929449	3.92E+00	1.18E+03		40.5	2.9657635		118	8.64099		9.5	0.695673		4	0.000292915		54	0.003954351		64	0.004686639		269	0.019699
17.33333	175	3.937557	3.93E+00	1.18E+03		40.5	2.9728421		118	8.661614		9.5	0.697333		4	0.000293614		54	0.003963789		64	0.004697825		269	0.019746
17.41667	180	3.943777	3.94E+00	1.18E+03	51	47	2.9782565	107	114	8.677389	10	9	0.698603	5	7	0.000294149	47	48	0.003971009	63	102.5	0.004706381	236	271	0.019782
17.5	185	3.948646	3.95E+00	1.18E+03		47	3.4611112		114	8.395036		9	0.662766		7	0.000515485		48	0.003534752		102.5	0.007548168		271	0.019857
17.58333	190	3.946467	3.95E+00	1.18E+03		47	3.4622908		114	8.397897		9	0.662992		7	0.00051566		48	0.003535957		102.5	0.007550741		271	0.019963
17.66667	195	3.86451	3.91E+00	1.17E+03		47	3.4253942		114	8.308403		9	0.655927	9	7	0.000510165	49	42	0.003498275	142	140.5	0.007470275	306	294	0.019751
17.75	200	3.706001	3.79E+00	1.14E+03		47	3.3199412		114	8.052623		9	0.635733		7	0.000494459		42	0.002966756		140.5	0.009924505		294	0.020767
17.83333	205	3.546861	3.63E+00	1.09E+03		47	3.1806407		114	7.714745		9	0.609059		7	0.000473712		42	0.002842275		140.5	0.009508085		294	0.019896
17.91667	210	3.421459	3.48E+00	1.05E+03		47	3.0558588		114	7.412083		9	0.585164		7	0.000455128		42	0.002730767		140.5	0.009135067		294	0.019115
18	215	3.32874	3.38E+00	1.01E+03		47	2.9602049		114	7.180071		9	0.566848		7	0.000440882		42	0.002645289		140.5	0.008849123		294	0.018517
18.08333	220	3.261825	3.30E+00	9.89E+02		47	2.8901996		114	7.010271		9	0.553442		7	0.000430455		42	0.002582732		140.5	0.008639852		294	0.018079
18.16667	225	3.212936	3.24E+00	9.71E+02		47	2.8394154		114	6.887093		9	0.543718	5	4	0.000422892	35	37.5	0.00253735	139	120.5	0.00848804	282	252.5	0.017761
18.25	230	3.176078	3.19E+00	9.58E+02		47	2.8018123		114	6.795885		9	0.536517		4	0.000238452		37.5	0.002235489		120.5	0.00718337		252.5	0.015052
18.33333	235	3.147829	3.16E+00	9.49E+02		47	2.7732605		114	6.726632		9	0.53105		4	0.000236022		37.5	0.002212708		120.5	0.007110168		252.5	0.014899
18.41667	240	3.126499	3.14E+00	9.41E+02	43	48	2.7515184	121	91	6.673896	8	9	0.526886	3	4	0.000234172	40	37.5	0.00219536	102	120.5	0.007054425	223	252.5	0.014782
18.5	245	3.110813	3.12E+00	9.36E+02		48	2.7934831		91	5.295978		9	0.523778		4	0.00023279		37.5	0.002182409		120.5	0.007012806		252.5	0.014695
18.58333	250	3.09976	3.11E+00	9.32E+02		48	2.7815076		91	5.273275		9	0.521533		4	0.000231792		37.5	0.002173053		120.5	0.006982743		252.5	0.014632
18.66667	255	3.091805	3.10E+00	9.29E+02		48	2.7729945		91	5.257135		9	0.519936	5	5	0.000231083	35	35	0.002166402	139	139	0.006961372	282	282	0.014587
18.75	260	3.086372	3.09E+00	9.27E+02		48	2.7669985		91	5.245768		9	0.518812		5	0.000288229		35	0.002017603		139	0.008012766		282	0.016256
18.83333	265	3.082597	3.08E+00	9.25E+02		48	2.7628745		91	5.23795		9	0.518039		5	0.000287799		35	0.002014596		139	0.008000824		282	0.016232
18.91667	270	3.079825	3.08E+00	9.24E+02		48	2.7599423		91	5.232391		9	0.517489	5	5	0.000287494	35	35	0.002012458	139	139	0.007992333	282	282	0.016215
19	275	3.077432	3.08E+00	9.24E+02		48	2.7576291		91	5.228005		9	0.517055		5	0.000287253		35	0.002010771		139	0.007985634		282	0.016201
19.08333	280	3.070595	3.07E+00	9.22E+02		48	2.7534953		91	5.220168		9	0.51628		5	0.000286822		35	0.002007757		139	0.007973664		282	0.016177
19.16667	285	2.998337	3.03E+00	9.10E+02		48	2.7180713		91	5.15301		9	0.509638	5	4	0.000283132	35	33.5	0.001981927	139	96	0.007871081	282	215	0.015969
19.25	290	2.855829	2.93E+00	8.78E+02		48	2.6218848		91	4.970657		9	0.491603		4	0.00021849		33.5	0.001829857		96	0.00524377		215	0.011744
19.33333	295	2.695841	2.78E+00	8.33E+02		48	2.486407		91	4.713813		9	0.466201		4	0.000207201		33.5	0.001735305		96	0.004972814		215	0.011137
19.41667	300	2.558787	2.63E+00	7.88E+02	53	53	2.3533718	61	61	4.461601	10	10	0.441257	3	4	0.000196114	32	29.5	0.001642457	53	65	0.004706744	148	171	0.010541

Conduit CSO 1031

Summary Statistics

Total Discharge

Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
6.92E+04	9.08	190.17	439.42	38.39	0.02	0.18	0.39	1.06

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
19.5	305	2.45907	2.51E+00	7.53E+02		53	2.4814269		61	2.855982		10	0.468194		4	0.000187278		29.5	0.001381172		65	0.003043259		171	0.008006
19.58333	310	2.386101	2.42E+00	7.27E+02		53	2.3960304		61	2.757695		10	0.452081		4	0.000180832		29.5	0.00133364		65	0.002938528		171	0.007731
19.66667	315	2.331641	2.36E+00	7.08E+02		53	2.3330143		61	2.685167		10	0.440191	5	5	0.000176077	27	27	0.001298565	77	77	0.002861244	194	194	0.007527
19.75	320	2.290084	2.31E+00	6.93E+02		53	2.285532		61	2.630518		10	0.431232		5	0.000215616		27	0.001164328		77	0.00332049		194	0.008366
19.83333	325	2.257397	2.27E+00	6.82E+02		53	2.2488169		61	2.588261		10	0.424305		5	0.000212153		27	0.001145624		77	0.003267149		194	0.008232
19.91667	330	2.231244	2.24E+00	6.73E+02		53	2.2197194		61	2.554771		10	0.418815		5	0.000209407		27	0.0011308		77	0.003224875		194	0.008125
20	335	2.211971	2.22E+00	6.66E+02		53	2.1972554		61	2.528917		10	0.414578		5	0.000207288		27	0.001119357		77	0.003192239		194	0.008043
20.08333	340	2.198164	2.21E+00	6.62E+02		53	2.1808967		61	2.510089		10	0.41149		5	0.000205745		27	0.001111023		77	0.003168473		194	0.007983
20.16667	345	2.188585	2.19E+00	6.58E+02		53	2.1693319		61	2.496778		10	0.409308	5	5	0.000204654	27	27	0.001105131	77	77	0.003151671	194	194	0.007941
20.25	350	2.182066	2.19E+00	6.56E+02		53	2.1613711		61	2.487616		10	0.407806		5	0.000203903		27	0.001101076		77	0.003140105		194	0.007911
20.33333	355	2.177572	2.18E+00	6.54E+02		53	2.1559249		61	2.481348		10	0.406778		5	0.000203389		27	0.001098301		77	0.003132193		194	0.007891
20.41667	360	2.174556	2.18E+00	6.53E+02		53	2.1522111		61	2.477073		10	0.406078		5	0.000203039		27	0.001096409		77	0.003126797		194	0.007878
20.5	365	2.172601	2.17E+00	6.52E+02		53	2.1497528		61	2.474244		10	0.405614		5	0.000202807		27	0.001095157		77	0.003123226		194	0.007869
20.58333	370	2.171373	2.17E+00	6.52E+02		53	2.1481788		61	2.472432		10	0.405317		5	0.000202658		27	0.001094355		77	0.003120939		194	0.007863
20.66667	375	2.169929	2.17E+00	6.51E+02		53	2.1468574		61	2.470911		10	0.405067		5	0.000202534		27	0.001093682		77	0.003119019		194	0.007858
20.75	380	2.169312	2.17E+00	6.51E+02		53	2.1458382		61	2.469738		10	0.404875		5	0.000202438		27	0.001093163		77	0.003117539		194	0.007855
20.83333	385	2.168705	2.17E+00	6.51E+02		53	2.1452329		61	2.469042		10	0.404761		5	0.00020238		27	0.001092855		77	0.003116659		194	0.007852
20.91667	390	2.168101	2.17E+00	6.51E+02		53	2.1446341		61	2.468352		10	0.404648		5	0.000202324		27	0.001092549		77	0.003115789		194	0.00785
21	395	2.167496	2.17E+00	6.50E+02		53	2.1440362		61	2.467664		10	0.404535		5	0.000202268		27	0.001092245		77	0.003114921		194	0.007848
21.08333	400	2.16088	2.16E+00	6.49E+02		53	2.1404653		61	2.463554		10	0.403861		5	0.000201931		27	0.001090426		77	0.003109733		194	0.007835
21.16667	405	2.066939	2.11E+00	6.34E+02		53	2.0907379		61	2.406321		10	0.394479		5	0.000197239		27	0.001065093		77	0.003037487		194	0.007653
21.25	410	1.892028	1.98E+00	5.94E+02		53	1.9577854		61	2.2533		10	0.369393		5	0.000184697		27	0.000997362		77	0.00284433		194	0.007166
21.33333	415	1.706168	1.80E+00	5.40E+02		53	1.7793772		61	2.047962		10	0.335732		5	0.000167866		27	0.000906475		77	0.002585133		194	0.006513
21.41667	420	1.549163	1.63E+00	4.88E+02		53	1.6098239		61	1.852816		10	0.30374		5	0.00015187		27	0.000820099		77	0.002338801		194	0.005893
21.5	425	1.427262	1.49E+00	4.46E+02		53	1.4718995		61	1.694073		10	0.277717		5	0.000138858		27	0.000749836		77	0.00213842		194	0.005388
21.58333	430	1.334054	1.38E+00	4.14E+02		53	1.3655239		61	1.571641		10	0.257646		5	0.000128823		27	0.000695644		77	0.001983874		194	0.004998
21.66667	435	1.262813	1.30E+00	3.90E+02		53	1.2842007		61	1.478042		10	0.242302		5	0.000121151		27	0.000654215		77	0.001865726		194	0.004701
21.75	440	1.193166	1.23E+00	3.68E+02		53	1.2145289		61	1.397854		10	0.229156		5	0.000114578		27	0.000618722		77	0.001764504		194	0.004446
21.83333	445	1.14163	1.17E+00	3.50E+02		53	1.1546016		61	1.328881		10	0.217849		5	0.000108925		27	0.000588193		77	0.00167744		194	0.004226
21.91667	450	1.10671	1.12E+00	3.37E+02		53	1.1118474		61	1.279673		10	0.209783		5	0.000104891		27	0.000566413		77	0.001615326		194	0.00407
22	455	1.078262	1.09E+00	3.28E+02		53	1.0805107		61	1.243607		10	0.20387		5	0.000101935		27	0.000550449		77	0.001569799		194	0.003955
22.08333	460	1.054979	1.07E+00	3.20E+02		53	1.0549288		61	1.214163		10	0.199043		5	9.95216E-05		27	0.000537417		77	0.001532632		194	0.003861
22.16667	465	1.036723	1.05E+00	3.14E+02		53	1.0343869		61	1.190521		10	0.195167		5	9.75837E-05		27	0.000526952		77	0.001502789		194	0.003786
22.25	470	1.023026	1.03E+00	3.09E+02		53	1.0185855		61	1.172334		10	0.192186		5	9.6093E-05		27	0.000518902		77	0.001479832		194	0.003728
22.33333	475	1.01307	1.02E+00	3.05E+02		53	1.0068887		61	1.158872		10	0.189979		5	9.49895E-05		27	0.000512943		77	0.001462838		194	0.003688
22.41667	480	1.005982	1.01E+00	3.03E+02		53	0.9984601		61	1.149171		10	0.188389		5	9.41943E-05		27	0.000508649		77	0.001450593		194	0.003655
22.5	485	1.000937	1.00E+00	3.01E+02		53	0.9924601		61	1.142265		10	0.187257		5	9.36283E-05		27	0.000505593		77	0.001441876		194	0.003633
22.58333	490	0.9914452	9.96E-01	2.99E+02		53	0.9852714		61	1.133992		10	0.1859		5	9.29501E-05		27	0.000501931		77	0.001431432		194	0.003606
22.66667	495	0.8864927	9.39E-01	2.82E+02		53	0.9286765		61	1.068854		10	0.175222		5	8.7611E-05		27	0.000473099		77	0.001349209		194	0.003399
22.75	500	0.6984977	7.92E-01	2.38E+02		53	0.7838083		61	0.902119		10	0.147888		5	7.39442E-05		27	0.000399299		77	0.00113874		194	0.002869
22.83333	505	0.5096505	6.04E-01	1.81E+02		53	0.5974525		61	0.687634		10	0.112727		5	5.63634E-05		27	0.000304363		77	0.000867997		194	0.002187
22.91667	510	0.3496343	4.30E-01	1.29E+02		53	0.4249329		61	0.489074		10	0.080176		5	4.0088E-05		27	0.000216475		77	0.000617355		194	0.001555
23	515	0.1924724	2.71E-01	8.13E+01		53	0.2680822		61	0.308547		10	0.050582		5	2.52908E-05		27	0.00013657		77	0.000389478		194	0.000981
23.08333	520	0.1127714	1.53E-01	4.58E+01		53	0.1509489		61	0.173734		10	0.028481		5	1.42405E-05		27	7.68985E-05		77	0.000219303		194	0.000553
23.16667	525	7.22E-02	9.25E-02	2.77E+01		53	0.0914534		61	0.105258		10	0.017255		5	8.62768E-06		27	4.65895E-05		77	0.000132866		194	0.000335
23.25	530	4.53E-02	5.87E-02	1.76E+01		53	0.0580787		61	0.066845		10	0.010958		5	5.47912E-06		27	2.95873E-05		77	8.43785E-05		194	0.000213
23.33333	535	2.63E-02	3.58E-02	1.07E+01		53	0.0354068		61	0.040751		10	0.006681		5	3.34027E-06		27	1.80375E-05		77	5.14401E-05		194	0.00013
23.41667	540	1.30E-02	1.97E-02	5.90E+00		53	0.019462		61	0.0224		10	0.003672		5	1.83604E-06		27	9.91462E-06		77	2.8275E-05		194	7.12E-05
23.5	545	4.33E-03	8.69E-03	2.61E+00		53	0.0085908		61	0.009888		10	0.001621		5	8.10452E-07		27	4.37644E-06		77	1.2481E-05		194	3.14E-05

Conduit CSO 1033

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
4.12E+04	8.25	107.09	285.66	21.88	0.01	0.11	0.23	0.66

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
15.58333	0	1.86E-03			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
15.66667	5	8.94E-03	5.40E-03	1.62E+00		80	0.00806191		761.5	0.076739		36.5	0.003678		7.5	7.55804E-07		172.5	1.74E-05		283.5	2.85694E-05		639	6.44E-05
15.75	10	3.37E-02	2.13E-02	6.39E+00		80	0.03179345		761.5	0.302634		36.5	0.014506		7.5	2.98064E-06		172.5	6.86E-05		283.5	0.000112668		639	0.000254
15.83333	15	9.29E-02	6.33E-02	1.90E+01	69	58	0.09443385	451	358.5	0.898892	24	17.5	0.043085	4	5.5	8.85317E-06	130	107	0.000204	198	147.5	0.00033465	446	410.5	0.000754
15.91667	20	0.1839733	1.38E-01	4.15E+01		58	0.14981384		358.5	0.926005		17.5	0.045202		5.5	1.42065E-05		107	0.000276		147.5	0.000380992		410.5	0.00106
16	25	0.3153329	2.50E-01	7.49E+01		58	0.27021054		358.5	1.670181		17.5	0.081529		5.5	2.56234E-05		107	0.000498		147.5	0.000687173		410.5	0.001912
16.08333	30	0.4867718	4.01E-01	1.20E+02	47	42	0.43407662	266	238.5	2.683043	11	9.5	0.130971	7	5.5	4.11624E-05	84	69.5	0.000801	97	90.5	0.001103902	375	307	0.003072
16.16667	35	0.6821051	5.84E-01	1.75E+02		42	0.4580632		238.5	2.601145		9.5	0.10361		5.5	5.99845E-05		69.5	0.000758		90.5	0.000987017		307	0.003348
16.25	40	0.883333	7.83E-01	2.35E+02		42	0.61346887		238.5	3.483627		9.5	0.138761		5.5	8.03352E-05		69.5	0.001015		90.5	0.001321879		307	0.004484
16.33333	45	1.085684	9.85E-01	2.95E+02	37	32	0.77162465	211	192.5	4.381726	8	7	0.174534	4	3.5	0.000101046	55	57	0.001277	84	101.5	0.001662667	239	258.5	0.00584
16.41667	50	1.29078	1.19E+00	3.56E+02		32	0.70955907		192.5	4.268441		7	0.155216		3.5	7.7608E-05		57	0.001264		101.5	0.002250633		258.5	0.005732
16.5	55	1.483655	1.39E+00	4.16E+02		32	0.82838432		192.5	4.983249		7	0.181209		3.5	9.06045E-05		57	0.001476		101.5	0.002627532		258.5	0.006692
16.58333	60	1.662577	1.57E+00	4.72E+02	27	32	0.9393946	174	166.5	5.651046	6	7	0.205493	3	2	0.000102746	59	70.5	0.001673	119	102	0.002979642	278	310	0.007589
16.66667	65	1.832315	1.75E+00	5.24E+02		32	1.04349669		166.5	5.429444		7	0.228265		2	6.52185E-05		70.5	0.002299		102	0.003326146		310	0.010109
16.75	70	1.98931	1.91E+00	5.73E+02		32	1.14105187		166.5	5.937035		7	0.249605		2	7.13157E-05		70.5	0.002514		102	0.003637103		310	0.011054
16.83333	75	2.126704	2.06E+00	6.17E+02	37	37.5	1.22894985	159	138	6.39438	8	7	0.268833	1	3.5	7.68094E-05	82	65.5	0.002708	85	81.5	0.003917278	342	325.5	0.011905
16.91667	80	2.241478	2.18E+00	6.55E+02		37.5	1.5284081		138	5.624542		7	0.285303		3.5	0.000142651		65.5	0.00267		81.5	0.00332174		325.5	0.013267
17	85	2.334941	2.29E+00	6.86E+02		37.5	1.60126933		138	5.892671		7	0.298904		3.5	0.000149452		65.5	0.002797		81.5	0.003480092		325.5	0.013899
17.08333	90	2.409767	2.37E+00	7.12E+02	38	29	1.66015293	117	110.5	6.109363	6	5.5	0.309895	6	8	0.000154948	49	36	0.0029	78	66	0.003808066	309	264	0.01441
17.16667	95	2.47171	2.44E+00	7.32E+02		29	1.32085937		110.5	5.03293		5.5	0.250508		8	0.000364375		36	0.00164		66	0.003006094		264	0.012024
17.25	100	2.523931	2.50E+00	7.49E+02		29	1.35175056		110.5	5.150636		5.5	0.256366		8	0.000372897		36	0.001678		66	0.003076398		264	0.012306
17.33333	105	2.568132	2.55E+00	7.64E+02	20	28	1.377841	104	111	5.250049	5	6	0.261315	10	7.5	0.000380094	23	37	0.00171	54	50	0.003135776	219	258	0.012543
17.41667	110	2.605774	2.59E+00	7.76E+02		28	1.35171117		111	5.358569		6	0.289652		7.5	0.000362065		37	0.001786		50	0.00241377		258	0.012455
17.5	115	2.637829	2.62E+00	7.87E+02		28	1.36991989		111	5.430754		6	0.293554		7.5	0.000366943		37	0.00181		50	0.002446286		258	0.012623
17.58333	120	2.663694	2.65E+00	7.95E+02	36	35	1.38505181	118	142.5	5.490741	7	8	0.296797	5	5	0.000370996	51	53	0.00183	46	51.5	0.002473307	297	258	0.012762
17.66667	125	2.67212	2.67E+00	8.00E+02		35	1.74251315		142.5	7.094518		8	0.398289		5	0.00024893		53	0.002639		51.5	0.002563984		258	0.012845
17.75	130	2.65684	2.66E+00	7.99E+02		35	1.74027484		142.5	7.085405		8	0.397777		5	0.000248611		53	0.002635		51.5	0.00256069		258	0.012828
17.83333	135	2.619867	2.64E+00	7.92E+02	34	29.5	1.72321062	167	126.5	7.015929	9	8	0.393877	5	4	0.000246173	55	56.5	0.002609	57	60.5	0.002535581	219	235.5	0.012703
17.91667	140	2.564187	2.59E+00	7.78E+02		29.5	1.42691752		126.5	6.118816		8	0.386961		4	0.00019348		56.5	0.002733		60.5	0.00292639		235.5	0.011391
18	145	2.49747	2.53E+00	7.59E+02		29.5	1.39322759		126.5	5.974349		8	0.377824		4	0.000188912		56.5	0.002668		60.5	0.002857297		235.5	0.011122
18.08333	150	2.42989	2.46E+00	7.39E+02	25	27.5	1.35626217	86	107.5	5.815836	7	8	0.3678	3	3	0.0001839	58	59.5	0.002598	64	64.5	0.002781487	252	277	0.010827
18.16667	155	2.368966	2.40E+00	7.20E+02		27.5	1.23133932		107.5	4.813417		8	0.358208		3	0.000134328		59.5	0.002664		64.5	0.00288805		277	0.012403
18.25	160	2.317602	2.34E+00	7.03E+02		27.5	1.20252733		107.5	4.700789		8	0.349826		3	0.000131185		59.5	0.002602		64.5	0.002820473		277	0.012113
18.33333	165	2.276257	2.30E+00	6.89E+02	30	40.5	1.17873911	129	118	4.607798	9	9.5	0.342906	3	4	0.00012859	61	54	0.00255	65	64	0.002764879	302	269	0.011873
18.41667	170	2.244081	2.26E+00	6.78E+02		40.5	1.70817858		118	4.976915		9.5	0.400684		4	0.000168709		54	0.002278		64	0.002899344		269	0.011346
18.5	175	2.219049	2.23E+00	6.69E+02		40.5	1.6865604		118	4.913929		9.5	0.395613		4	0.000166574		54	0.002249		64	0.002665182		269	0.011202
18.58333	180	2.199381	2.21E+00	6.63E+02	51	47	1.66966883	107	114	4.864714	10	9	0.391651	5	7	0.000164906	47	48	0.002226	63	102.5	0.002638489	236	271	0.01109
18.66667	185	2.183688	2.19E+00	6.57E+02		47	1.92222101		114	4.662408		9	0.368085		7	0.000286288		48	0.001963		102.5	0.004192078		271	0.011083
18.75	190	2.171544	2.18E+00	6.53E+02		47	1.91001348		114	4.632799		9	0.365747		7	0.00028447		48	0.001951		102.5	0.004165455		271	0.011013
18.83333	195	2.161884	2.17E+00	6.50E+02		47	1.90036394		114	4.609393		9	0.363899	9	7	0.000283033	49	42	0.001941	142	140.5	0.004144411	306	294	0.010957
18.91667	200	2.154496	2.16E+00	6.47E+02		47	1.89288778		114	4.59126		9	0.362468		7	0.000281919		42	0.001692		140.5	0.005658526		294	0.011841
19	205	2.148959	2.15E+00	6.46E+02		47	1.8872197		114	4.577512		9	0.361382		7	0.000281075		42	0.001686		140.5	0.005641582		294	0.011805
19.08333	210	2.14422	2.15E+00	6.44E+02		47	1.88271331		114	4.566581		9	0.36052		7	0.000280404		42	0.001682		140.5	0.005628111		294	0.011777
19.16667	215	2.130027	2.14E+00	6.41E+02		47	1.87441094		114	4.546444		9	0.35893		7	0.000279168		42	0.001675		140.5	0.005603292		294	0.011725
19.25	220	2.099744	2.11E+00	6.34E+02		47	1.85490662		114	4.499135		9	0.355195		7	0.000276263		42	0.001658		140.5	0.005544987		294	0.011603
19.33333	225	2.054233	2.08E+00	6.23E+02		47	1.82166823		114	4.418514		9	0.34883	5	4	0.000271312	35	37.5	0.001628	139	120.5	0.005445625	282	252.5	0.011395
19.41667	230	1.994673	2.02E+00	6.07E+02		47	1.77559081		114	4.306752		9	0.340007		4	0.000151114		37.5	0.001417		120.5	0.004552313		252.5	0.009539
19.5	235	1.925712	1.96E+00	5.88E+02		47	1.71922974		114	4.170047		9	0.329214		4	0.000146317		37.5	0.001372		120.5	0.004407812		252.5	0.009236
19.58333	240	1.854999	1.89E+00	5.67E+02	43	48	1.65797767	121	91	4.021478	8	9	0.317485	3	4	0.000141104	40	37.5	0.001323	102	120.5	0.004250773	223	252.5	0.008907
19.66667	245	1.789576	1.82E+00	5.47E+02		48	1.63228303		91	3.094537		9	0.306053		4	0.000136024		37.5	0.001275		120.5	0.004097711		252.5	0.008586
19.75	250	1.733055	1.76E+00	5.28E+02		48	1.5776684		91	2.990996		9	0.295813		4	0.000131472		37.5	0.001233		120.5	0.003960605		252.5	0.008299
19.83333	255	1.685979	1.71E+00	5.13E+02		48	1.53127078		91	2.903034		9	0.287113	5	5	0.000127606	35	35	0.001196	139	139	0.003844128	282	282	0.008055
19.91667	260	1.647382	1.67E+00	5.00E+02		48	1.49290071		91	2.830291		9	0.279919		5	0.00015551		35	0.001089		139	0.004323192		282	0.008771
20	265	1.615682	1.63E+00	4.89E+02		48	1.46141704		91	2.770603		9	0.274016		5	0.000152231		35	0.001066		139	0.00423202		282	0.008586
20.08333	270	1.589432	1.60E+00	4.81E+02		48	1.43546318		91	2.721399		9	0.269149	5	5	0.000149527	35	35	0.001047	139	139	0.004156862	282	282	0.008433

Conduit CSO 1033

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
4.12E+04	8.25	107.09	285.66	21.88	0.01	0.11	0.23	0.66

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
20.16667	275	1.567303	1.58E+00	4.74E+02		48	1.41379584		91	2.680321		9	0.265087		5	0.00014727		35	0.001031		139	0.004094117		282	0.008306
20.25	280	1.548274	1.56E+00	4.67E+02		48	1.39536255		91	2.645375		9	0.26163		5	0.00014535		35	0.001017		139	0.004040737		282	0.008198
20.33333	285	1.531528	1.54E+00	4.62E+02		48	1.37934013		91	2.614999		9	0.258626	5	4	0.000143681	35	33.5	0.001006	139	96	0.003994339	282	215	0.008104
20.41667	290	1.516568	1.52E+00	4.57E+02		48	1.36514007		91	2.588078		9	0.255964		4	0.000113762		33.5	0.000953		96	0.00273028		215	0.008115
20.5	295	1.502713	1.51E+00	4.53E+02		48	1.3522348		91	2.563612		9	0.253544		4	0.000112686		33.5	0.000944		96	0.00270447		215	0.008057
20.58333	300	1.490224	1.50E+00	4.49E+02	53	53	1.34043621	61	61	2.541244	10	10	0.251332	3	4	0.000111703	32	29.5	0.000936	53	65	0.002680872	148	171	0.008004
20.66667	305	1.478863	1.48E+00	4.45E+02		53	1.46827069		61	1.689896		10	0.277032		4	0.000110813		29.5	0.000817		65	0.001800709		171	0.004737
20.75	310	1.468599	1.47E+00	4.42E+02		53	1.45757672		61	1.677588		10	0.275014		4	0.000110006		29.5	0.000811		65	0.001787594		171	0.004703
20.83333	315	1.45923	1.46E+00	4.39E+02		53	1.44786782		61	1.666414		10	0.273183	5	5	0.000109273	27	27	0.000806	77	77	0.001775687	194	194	0.004671
20.91667	320	1.450783	1.46E+00	4.37E+02		53	1.43905746		61	1.656274		10	0.27152		5	0.00013576		27	0.000733		77	0.002090706		194	0.005267
21	325	1.44305	1.45E+00	4.34E+02		53	1.43105614		61	1.647065		10	0.270011		5	0.000135005		27	0.000729		77	0.002079082		194	0.005238
21.08333	330	1.435115	1.44E+00	4.32E+02		53	1.42330801		61	1.638147		10	0.268549		5	0.000134274		27	0.000725		77	0.002067825		194	0.00521
21.16667	335	1.416256	1.43E+00	4.28E+02		53	1.41005787		61	1.622897		10	0.266049		5	0.000133024		27	0.000718		77	0.002048575		194	0.005161
21.25	340	1.378644	1.40E+00	4.19E+02		53	1.38213187		61	1.590756		10	0.26078		5	0.00013039		27	0.000704		77	0.002008003		194	0.005059
21.33333	345	1.323604	1.35E+00	4.05E+02		53	1.33631367		61	1.538021		10	0.252135	5	5	0.000126067	27	27	0.000681	77	77	0.001941437	194	194	0.004891
21.41667	350	1.25282	1.29E+00	3.86E+02		53	1.27409128		61	1.466407		10	0.240395		5	0.000120197		27	0.000649		77	0.001851038		194	0.004664
21.5	355	1.169827	1.21E+00	3.63E+02		53	1.19804559		61	1.378883		10	0.226046		5	0.000113023		27	0.00061		77	0.001740557		194	0.004385
21.58333	360	1.0828	1.13E+00	3.38E+02		53	1.11396743		61	1.282113		10	0.210183		5	0.000105091		27	0.000567		77	0.001618406		194	0.004078
21.66667	365	0.9944222	1.04E+00	3.12E+02		53	1.02722638		61	1.182279		10	0.193816		5	9.69081E-05		27	0.000523		77	0.001492385		194	0.00376
21.75	370	0.910315	9.52E-01	2.86E+02		53	0.94192922		61	1.084107		10	0.177722		5	8.88612E-05		27	0.00048		77	0.001368463		194	0.003448
21.83333	375	0.8357766	8.73E-01	2.62E+02		53	0.86347592		61	0.993812		10	0.16292		5	8.146E-05		27	0.00044		77	0.001254484		194	0.003161
21.91667	380	0.7711105	8.03E-01	2.41E+02		53	0.79463661		61	0.914582		10	0.149931		5	7.49657E-05		27	0.000405		77	0.001154472		194	0.002909
22	385	0.7183555	7.45E-01	2.23E+02		53	0.73656962		61	0.84775		10	0.138975		5	6.94877E-05		27	0.000375		77	0.001070111		194	0.002696
22.08333	390	0.6756988	6.97E-01	2.09E+02		53	0.6893867		61	0.793445		10	0.130073		5	6.50365E-05		27	0.000351		77	0.001001582		194	0.002523
22.16667	395	0.6409633	6.58E-01	1.97E+02		53	0.65111476		61	0.749396		10	0.122852		5	6.14259E-05		27	0.000332		77	0.000945959		194	0.002383
22.25	400	0.6129326	6.27E-01	1.88E+02		53	0.62007567		61	0.713672		10	0.116995		5	5.84977E-05		27	0.000316		77	0.000900865		194	0.00227
22.33333	405	0.5898769	6.01E-01	1.80E+02		53	0.59481246		61	0.684595		10	0.112229		5	5.61144E-05		27	0.000303		77	0.000864161		194	0.002177
22.41667	410	0.5705674	5.80E-01	1.74E+02		53	0.57386205		61	0.660483		10	0.108276		5	5.41379E-05		27	0.000292		77	0.000833724		194	0.002101
22.5	415	0.5543041	5.62E-01	1.69E+02		53	0.55627062		61	0.640236		10	0.104957		5	5.24784E-05		27	0.000283		77	0.000808167		194	0.002036
22.58333	420	0.5399964	5.47E-01	1.64E+02		53	0.54115267		61	0.622836		10	0.102104		5	5.10521E-05		27	0.000276		77	0.000786203		194	0.001981
22.66667	425	0.5190529	5.30E-01	1.59E+02		53	0.52372027		61	0.602772		10	0.098815		5	4.94076E-05		27	0.000267		77	0.000760877		194	0.001917
22.75	430	0.4847099	5.02E-01	1.51E+02		53	0.49638003		61	0.571305		10	0.093657		5	4.68283E-05		27	0.000253		77	0.000721156		194	0.001817
22.83333	435	0.4377876	4.61E-01	1.38E+02		53	0.45619278		61	0.525052		10	0.086074		5	4.30371E-05		27	0.000232		77	0.000662771		194	0.00167
22.91667	440	0.3702186	4.04E-01	1.21E+02		53	0.39957462		61	0.459888		10	0.075391		5	3.76957E-05		27	0.000204		77	0.000580514		194	0.001463
23	445	0.287536	3.29E-01	9.87E+01		53	0.32527232		61	0.37437		10	0.061372		5	3.06861E-05		27	0.000166		77	0.000472565		194	0.001191
23.08333	450	0.2101431	2.49E-01	7.47E+01		53	0.2461119		61	0.283261		10	0.046436		5	2.32181E-05		27	0.000125		77	0.000357559		194	0.000901
23.16667	455	0.1478161	1.79E-01	5.37E+01		53	0.17701772		61	0.203737		10	0.0334		5	1.66998E-05		27	9.02E-05		77	0.000257177		194	0.000648
23.25	460	9.85E-02	1.23E-01	3.69E+01		53	0.12179577		61	0.14018		10	0.02298		5	1.14902E-05		27	6.2E-05		77	0.000176949		194	0.000446
23.33333	465	5.87E-02	7.86E-02	2.36E+01		53	0.07773822		61	0.089472		10	0.014668		5	7.33379E-06		27	3.96E-05		77	0.00011294		194	0.000285
23.41667	470	3.28E-02	4.58E-02	1.37E+01		53	0.04526451		61	0.052097		10	0.00854		5	4.27024E-06		27	2.31E-05		77	6.57616E-05		194	0.000166
23.5	475	1.63E-02	2.45E-02	7.36E+00		53	0.02426139		61	0.027923		10	0.004578		5	2.28881E-06		27	1.24E-05		77	3.52477E-05		194	8.88E-05
23.58333	480	8.74E-03	1.25E-02	3.75E+00		53	0.01236153		61	0.014227		10	0.002332		5	1.16618E-06		27	6.3E-06		77	1.79592E-05		194	4.52E-05
23.66667	485	4.40E-03	6.57E-03	1.97E+00		53	0.0064992		61	0.00748		10	0.001226		5	6.13132E-07		27	3.31E-06		77	9.44223E-06		194	2.38E-05
23.75	490	1.76E-03	3.08E-03	9.23E-01		53	0.00304305		61	0.003502		10	0.000574		5	2.8708E-07		27	1.55E-06		77	4.42103E-06		194	1.11E-05
23.83333	495	3.18E-04	1.04E-03	3.11E-01		53	0.00102538		61	0.00118		10	0.000193		5	9.67341E-08		27	5.22E-07		77	1.48971E-06		194	3.75E-06
	500		1.59E-04	4.77E-02		53	0.00015723		61	0.000181		10	2.97E-05		5	1.48333E-08		27	8.01E-08		77	2.28432E-07		194	5.76E-07
	505		0.00E+00	0.00E+00		53	0		61	0		10	0		5	0		27	0		77	0		194	0

Conduit CSO 1034

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
3.19E+04	5.92	81.29	247.30	17.14	0.01	0.10	0.19	0.54

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
17.83333	0	7.45E-03			91	80		1072	761.5		49	36.5		11	7.5		215	172.5		369	283.5		832	639	
17.91667	5	7.14E-02	3.94E-02	1.18E+01		80	0.058832		761.5	0.560007		36.5	0.026842		7.5	5.5155E-06		172.5	0.000126857		283.5	0.000208		639	0.000469921
18	10	0.2093745	1.40E-01	4.21E+01		80	0.2095608		761.5	1.994757		36.5	0.095612		7.5	1.9646E-05		172.5	0.000451865		283.5	0.000743		639	0.001673867
18.08333	15	0.3698198	2.90E-01	8.69E+01	69	58	0.4323362	451	358.5	4.1153	24	17.5	0.197253	4	5.5	4.0532E-05	130	107	0.000932225	198	147.5	0.001532	446	410.5	0.003453285
18.16667	20	0.4844935	4.27E-01	1.28E+02		58	0.4623305		358.5	2.85768		17.5	0.139496		5.5	4.3842E-05		107	0.00085292		147.5	0.001176		410.5	0.003272184
18.25	25	0.5866948	5.36E-01	1.61E+02		58	0.5796971		358.5	3.583128		17.5	0.174909		5.5	5.4971E-05		107	0.001069441		147.5	0.001474		410.5	0.004102856
18.33333	30	0.6666455	6.27E-01	1.88E+02	47	42	0.6782727	266	238.5	4.192427	11	9.5	0.204651	7	5.5	6.4319E-05	84	69.5	0.001251296	97	90.5	0.001725	375	307	0.004800533
18.41667	35	0.7354691	7.01E-01	2.10E+02		42	0.5494651		238.5	3.120177		9.5	0.124284		5.5	7.1954E-05		69.5	0.000909234		90.5	0.001184		307	0.004016328
18.5	40	0.7967046	7.66E-01	2.30E+02		42	0.6004331		238.5	3.409602		9.5	0.135812		5.5	7.8628E-05		69.5	0.000993574		90.5	0.001294		307	0.00438888
18.58333	45	0.8609804	8.29E-01	2.49E+02	37	32	0.6496189	211	192.5	3.688907	8	7	0.146938	4	3.5	8.5069E-05	55	57	0.001074965	84	101.5	0.0014	239	258.5	0.004748405
18.66667	50	0.9947584	9.28E-01	2.78E+02		32	0.5540822		192.5	3.33315		7	0.121205		3.5	6.0603E-05		57	0.000986959		101.5	0.001757		258.5	0.004475945
18.75	55	1.097211	1.05E+00	3.14E+02		32	0.6246153		192.5	3.757452		7	0.136635		3.5	6.8317E-05		57	0.001112596		101.5	0.001981		258.5	0.005045721
18.83333	60	1.206113	1.15E+00	3.45E+02	27	32	0.6877211	174	166.5	4.137072	6	7	0.150439	3	2	7.5219E-05	59	70.5	0.001225003	119	102	0.002181	278	310	0.005555497
18.91667	65	1.268863	1.24E+00	3.71E+02		32	0.7389726		166.5	3.844967		7	0.16165		2	4.6186E-05		70.5	0.001628049		102	0.002355		310	0.007156797
19	70	1.426056	1.35E+00	4.04E+02		32	0.8046426		166.5	4.186656		7	0.176016		2	5.029E-05		70.5	0.001772728		102	0.002565		310	0.007794975
19.08333	75	1.532775	1.48E+00	4.44E+02	37	37.5	0.8834408	159	138	4.596653	8	7	0.193253	1	3.5	5.5215E-05	82	65.5	0.001946331	85	81.5	0.002816	342	325.5	0.008558333
19.16667	80	1.656927	1.59E+00	4.78E+02		37.5	1.116063		138	4.107112		7	0.208332		3.5	0.00010417		65.5	0.00194939		81.5	0.002426		325.5	0.009687427
19.25	85	1.746453	1.70E+00	5.11E+02		37.5	1.190828		138	4.382247		7	0.222288		3.5	0.00011114		65.5	0.00207998		81.5	0.002588		325.5	0.010336387
19.33333	90	1.816112	1.78E+00	5.34E+02	38	29	1.2465262	117	110.5	4.587216	6	5.5	0.232685	6	8	0.00011634	49	36	0.002177266	78	66	0.002709	309	264	0.010619847
19.41667	95	1.869563	1.84E+00	5.53E+02		29	0.9972921		110.5	3.800027		5.5	0.189142		8	0.00027512		36	0.001238018		66	0.00227		264	0.009076797
19.5	100	1.540508	1.71E+00	5.12E+02		29	0.9227175		110.5	3.515872		5.5	0.174998		8	0.00025454		36	0.001145442		66	0.0021		264	0.008399911
19.58333	105	1.318471	1.43E+00	4.29E+02	20	28	0.7735997	104	111	2.947682	5	6	0.146717	10	7.5	0.00021341	23	37	0.000960331	54	50	0.001761	219	258	0.007042425
19.66667	110	1.369121	1.34E+00	4.03E+02		28	0.7021481		111	2.783516		6	0.15046		7.5	0.00018808		37	0.000927839		50	0.001254		258	0.006469793
19.75	115	1.512597	1.44E+00	4.32E+02		28	0.7528646		111	2.98457		6	0.161328		7.5	0.00020166		37	0.000994857		50	0.001344		258	0.006937109
19.83333	120	1.678133	1.60E+00	4.79E+02	36	35	0.8335956	118	142.5	3.304611	7	8	0.178628	5	5	0.00022328	51	53	0.001101537	46	51.5	0.001489	297	258	0.007680988
19.91667	125	2.042783	1.86E+00	5.58E+02		35	1.215137		142.5	4.947344		8	0.277746		5	0.00017359		53	0.001840065		51.5	0.001788		258	0.008957296
20	130	2.073604	2.06E+00	6.17E+02		35	1.3442857		142.5	5.473163		8	0.307265		5	0.00019204		53	0.002035633		51.5	0.001978		258	0.009909306
20.08333	135	2.136629	2.11E+00	6.32E+02	34	29.5	1.3749329	167	126.5	5.597941	9	8	0.31427	5	4	0.00019642	55	56.5	0.002082041	57	60.5	0.002023	219	235.5	0.01013522
20.16667	140	2.245385	2.19E+00	6.57E+02		29.5	1.206155		126.5	5.172156		8	0.327093		4	0.00016355		56.5	0.002310093		60.5	0.002474		235.5	0.009628797
20.25	145	2.303205	2.27E+00	6.82E+02		29.5	1.2520052		126.5	5.368768		8	0.339527		4	0.00016976		56.5	0.002397908		60.5	0.002568		235.5	0.009994821
20.33333	150	2.356778	2.33E+00	6.99E+02	25	27.5	1.2826663	86	107.5	5.500247	7	8	0.347842	3	3	0.00017392	58	59.5	0.002456632	64	64.5	0.002831	252	277	0.01023959
20.41667	155	2.397527	2.38E+00	7.13E+02		27.5	1.219908		107.5	4.768731		8	0.354882		3	0.00013308		59.5	0.002639437		64.5	0.002861		277	0.0122878
20.5	160	2.444827	2.42E+00	7.26E+02		27.5	1.2425005		107.5	4.857047		8	0.361455		3	0.00013555		59.5	0.002688319		64.5	0.002914		277	0.012515369
20.58333	165	2.494568	2.47E+00	7.41E+02	30	40.5	1.2674003	129	118	4.954383	9	9.5	0.368698	3	4	0.00013826	61	54	0.002742193	65	64	0.002973	302	269	0.012766177
20.66667	170	2.539006	2.52E+00	7.55E+02		40.5	1.902124		118	5.541991		9.5	0.446177		4	0.00018786		54	0.002536165		64	0.003006		269	0.01263386
20.75	175	2.588598	2.56E+00	7.69E+02		40.5	1.9376567		118	5.645518		9.5	0.454512		4	0.00019137		54	0.002583542		64	0.003062		269	0.012869868
20.83333	180	2.634201	2.61E+00	7.83E+02	51	47	1.9736297	107	114	5.750329	10	9	0.46295	5	7	0.00019493	47	48	0.002631506	63	102.5	0.003119	236	271	0.0131088
20.91667	185	2.680603	2.66E+00	7.97E+02		47	2.3307326		114	5.653266		9	0.44631		7	0.00034713		48	0.002380323		102.5	0.005083		271	0.013438905
21	190	2.728082	2.70E+00	8.11E+02		47	2.3719028		114	5.753126		9	0.454194		7	0.00035326		48	0.002422369		102.5	0.005173		271	0.013676291
21.08333	195	2.749746	2.74E+00	8.22E+02		47	2.4022245		114	5.826672		9	0.46	9	7	0.00035778	49	42	0.002453336	142	140.5	0.005239	306	294	0.013851124
21.16667	200	2.729136	2.74E+00	8.22E+02		47	2.4026867		114	5.827793		9	0.460089		7	0.00035785		42	0.002147082		140.5	0.007182		294	0.015029572
21.25	205	2.668273	2.70E+00	8.10E+02		47	2.3669579		114	5.741132		9	0.453247		7	0.00035253		42	0.002115154		140.5	0.007076		294	0.014806077
21.33333	210	2.576953	2.62E+00	7.87E+02		47	2.3002201		114	5.579257		9	0.440468		7	0.00034259		42	0.002055516		140.5	0.006876		294	0.014388611
21.41667	215	2.488988	2.53E+00	7.60E+02		47	2.2215972		114	5.388555		9	0.425412		7	0.00033088		42	0.001985257		140.5	0.006641		294	0.0138968
21.5	220	2.390162	2.44E+00	7.32E+02		47	2.1396827		114	5.189869		9	0.409726		7	0.00031868		42	0.001912057		140.5	0.006396		294	0.013384398
21.58333	225	2.288129	2.34E+00	7.02E+02		47	2.0515988		114	4.976218		9	0.392859	5	4	0.00030556	35	37.5	0.001833344	139	120.5	0.006133	282	252.5	0.012833405
21.66667	230	2.182558	2.24E+00	6.71E+02		47	1.9605569		114	4.755393		9	0.375426		4	0.00016686		37.5	0.001564274		120.5	0.005027		252.5	0.010532779
21.75	235	2.08377	2.13E+00	6.40E+02		47	1.8709382		114	4.53802		9	0.358265		4	0.00015923		37.5	0.00149277		120.5	0.004797		252.5	0.010051317
21.83333	240	1.993956	2.04E+00	6.12E+02	43	48	1.7882294	121	91	4.337408	8	9	0.342427	3	4	0.00015219	40	37.5	0.001426779	102	120.5	0.004585	223	252.5	0.009606977
21.91667	245	1.911315	1.95E+00	5.86E+02		48	1.74904		91	3.315888		9	0.327945		4	0.00014575		37.5	0.001366438		120.5	0.004391		252.5	0.009200679
22	250	1.832062	1.87E+00	5.62E+02		48	1.6765331		91	3.178427		9	0.31435		4	0.00013971		37.5	0.001309792		120.5	0.004209		252.5	0.008819263
22.08333	255	1.753003	1.79E+00	5.38E+02		48	1.6056305		91	3.044008		9	0.301056	5	5	0.0001338	35	35	0.001254399	139	139	0.004031	282	282	0.008446285
22.16667	260	1.658435	1.71E+00	5.12E+02		48	1.5278688		91	2.896585		9	0.286475		5	0.00015915		35	0.001114071		139	0.004424		282	0.008976229
22.25	265	1.593528	1.63E+00	4.88E+02		48	1.4564453		91	2.761177		9	0.273083		5	0.00015171		35	0.001061991		139	0.004218		282	0.008556616
22.33333	270	1.543009	1.57E+00	4.70E+02		48	1.4047498		91	2.663172		9	0.263391	5	5	0.00014633	35	35	0.001024297	139	139	0.004068	282	282	0.008252905
22.41667	275	1.507288	1.53E+00	4.58E+02		48	1.3661258		91	2.589947		9	0.256149		5	0.0001423		35	0.000996133		139	0.003956		282	0.008025989

Conduit CSO 1034

Summary Statistics

Total Discharge Volume (cf)	Duration (hr)	CBOD (lbs)	SS (lbs)	TKN (lbs)	Cd (lbs)	Cu (lbs)	Pb (lbs)	Zn (lbs)
3.19E+04	5.92	81.29	247.30	17.14	0.01	0.10	0.19	0.54

Conduit CSO Time (hours)	Time (minutes)	Flow (ft^3/s)	Mean Flow	Flow CF	CBOD Conc. mg/l	CBOD Mean Conc.	CBOD Discharge lbs.	SS Conc. mg/l	SS Mean Conc.	SS Discharge lbs.	TKN Conc. mg/l	TKN Mean Conc.	TKN Discharge lbs.	Cd Conc. ug/l	Cd Mean Conc.	Cd Discharge lbs.	Cu Conc. ug/l	Cu Mean Conc.	Cu Discharge lbs.	Pb Conc. ug/l	Pb Mean Conc.	Pb Discharge lbs.	Zn Conc. ug/l	Zn Mean Conc.	Zn Discharge lbs.
22.5	280	1.47338	1.49E+00	4.47E+02		48	1.3349413		91	2.530826		9	0.250301		5	0.00013906		35	0.000973395		139	0.003866		282	0.00784278
22.58333	285	1.419095	1.45E+00	4.34E+02		48	1.2954426		91	2.455943		9	0.242895	5	4	0.00013494	35	33.5	0.000944594	139	96	0.003751	282	215	0.007610726
22.66667	290	1.24246	1.33E+00	3.99E+02		48	1.1920213		91	2.259874		9	0.223504		4	9.9335E-05		33.5	0.000831932		96	0.002384		215	0.005339262
22.75	295	1.161533	1.20E+00	3.61E+02		48	1.0766679		91	2.041183		9	0.201875		4	8.9722E-05		33.5	0.000751424		96	0.002153		215	0.004822575
22.83333	300	1.011492	1.09E+00	3.26E+02	53	53	0.9732251	61	61	1.845073	10	10	0.18248	3	4	8.1102E-05	32	29.5	0.00067923	53	65	0.001948	148	171	0.004359237
22.91667	305	0.904592	9.58E-01	2.87E+02		53	0.9475404		61	1.090565		10	0.178781		4	7.1512E-05		29.5	0.000527405		65	0.001162		171	0.003057159
23	310	0.7426716	8.24E-01	2.47E+02		53	0.8146036		61	0.937563		10	0.153699		4	6.148E-05		29.5	0.000453411		65	0.000999		171	0.002628249
23.08333	315	0.6194733	6.81E-01	2.04E+02		53	0.6736069		61	0.775283		10	0.127096	5	5	5.0838E-05	27	27	0.000374932	77	77	0.000826	194	194	0.002173335
23.16667	320	0.4828134	5.51E-01	1.65E+02		53	0.545102		61	0.627382		10	0.102849		5	5.1425E-05		27	0.000277693		77	0.000792		194	0.001995279
23.25	325	0.3590344	4.21E-01	1.26E+02		53	0.4163099		61	0.479149		10	0.078549		5	3.9275E-05		27	0.000212082		77	0.000605		194	0.001523852
23.33333	330	0.264089	3.12E-01	9.35E+01		53	0.3081465		61	0.354659		10	0.058141		5	2.907E-05		27	0.00015698		77	0.000448		194	0.001127933
23.41667	335	0.1666822	2.15E-01	6.46E+01		53	0.2130247		61	0.245179		10	0.040193		5	2.0097E-05		27	0.000108522		77	0.000309		194	0.000779751
23.5	340	9.48E-02	1.31E-01	3.92E+01		53	0.1293133		61	0.148832		10	0.024399		5	1.2199E-05		27	6.58766E-05		77	0.000188		194	0.000473335
23.58333	345	4.61E-02	7.05E-02	2.11E+01		53	0.0696961		61	0.080216		10	0.01315	5	5	6.5751E-06	27	27	3.55055E-05	77	77	0.000101	194	194	0.000255114
23.66667	350	1.55E-02	3.08E-02	9.24E+00		53	0.0304508		61	0.035047		10	0.005745		5	2.8727E-06		27	1.55127E-05		77	4.42E-05		194	0.000111462
23.75	355	1.18E-03	8.32E-03	2.49E+00		53	0.0082243		61	0.009466		10	0.001552		5	7.7588E-07		27	4.18976E-06		77	1.19E-05		194	3.01042E-05
	360		5.90E-04	1.77E-01		53	0.0005838		61	0.000672		10	0.00011		5	5.508E-08		27	2.97429E-07		77	8.48E-07		194	2.13708E-06