APPENDIX E.3-2

SWMM 10 Year Storm Profiles

10-YEAR STORM PROFILES

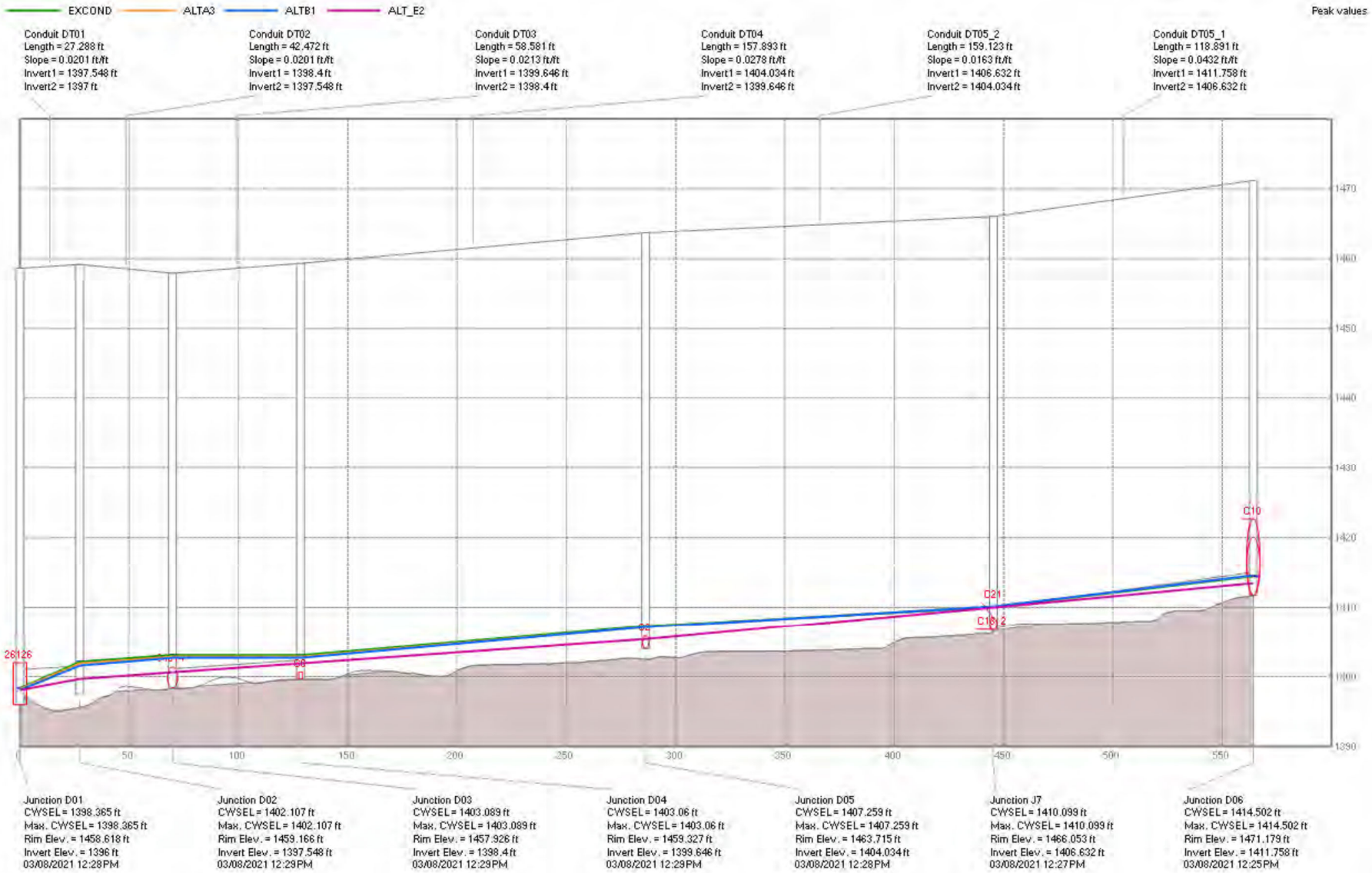

Figure 4: TRUNKLINE A

10-YEAR STORM PROFILES

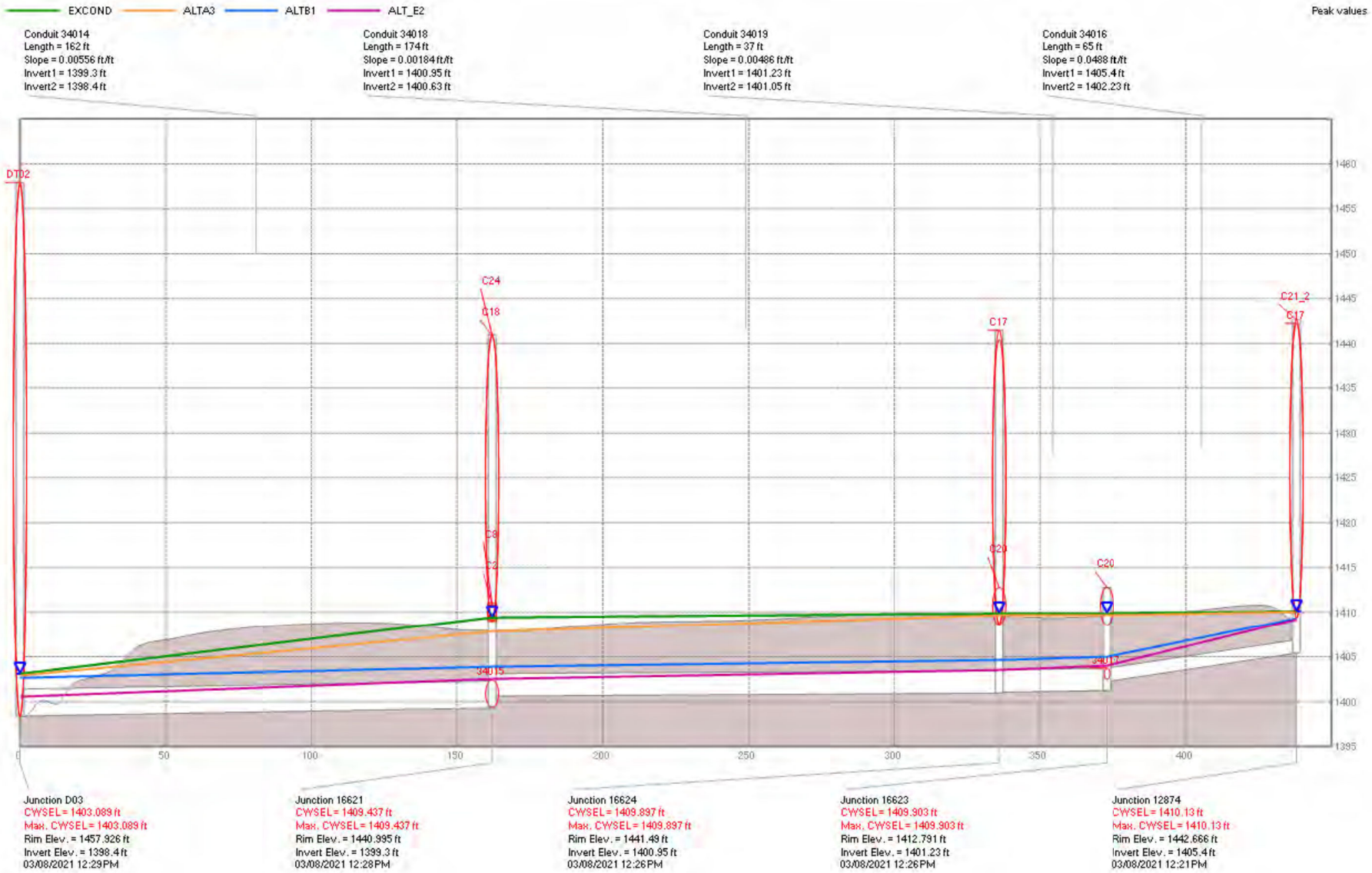

Figure 5: TRUNKLINE B

10-YEAR STORM PROFILES

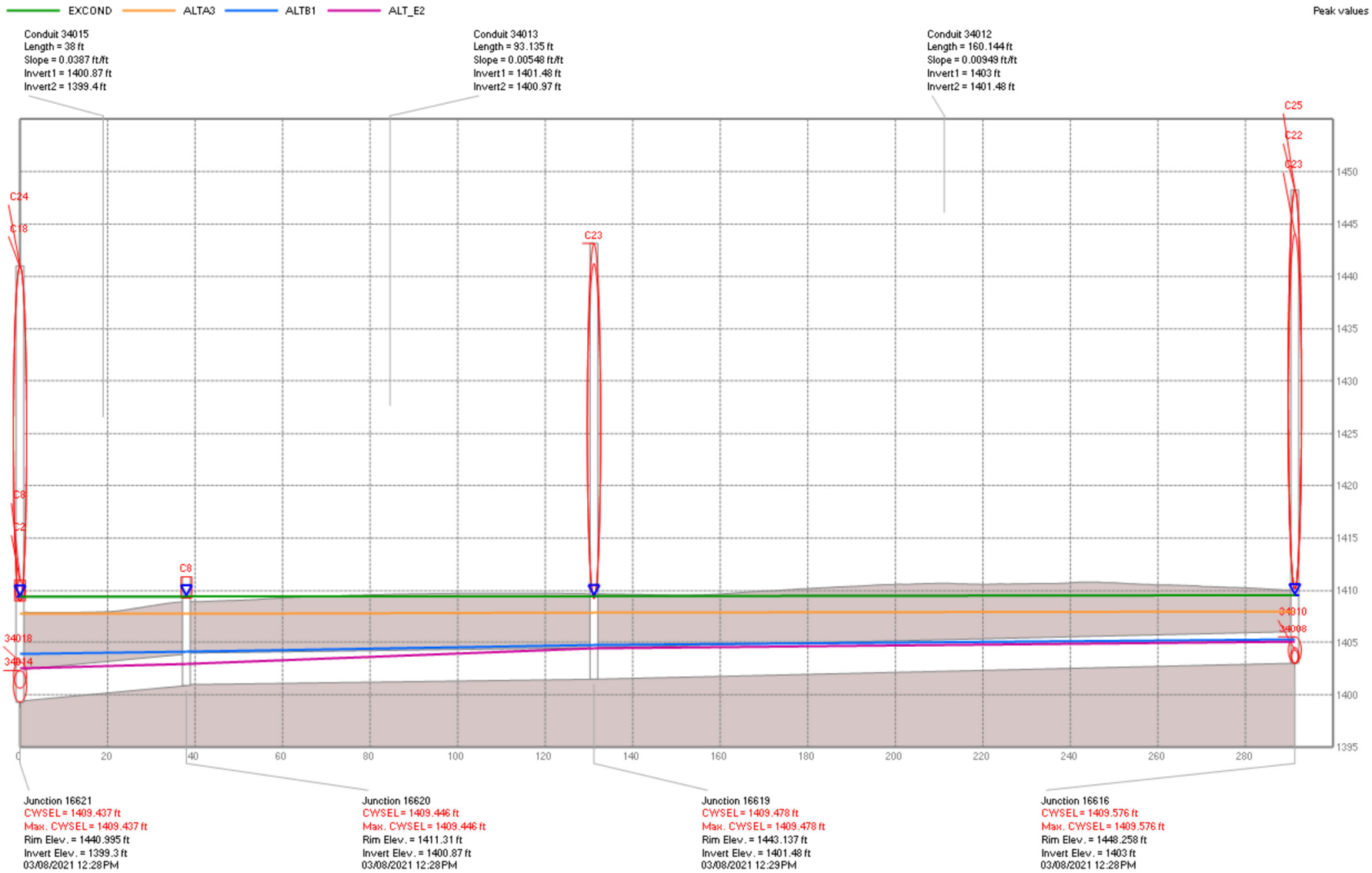

Figure 6: TRUNKLINE C

10-YEAR STORM PROFILES

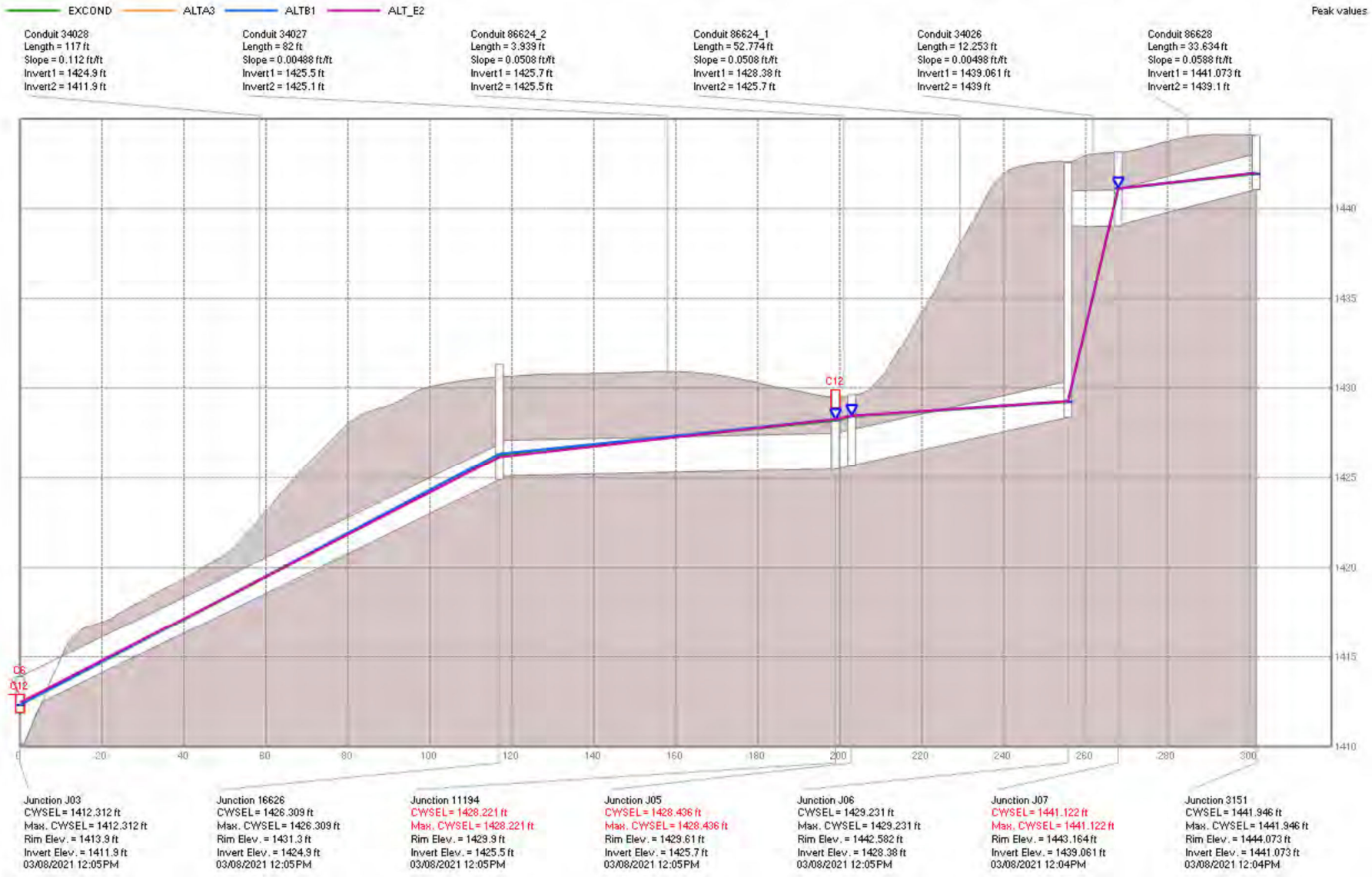

Figure 7: TRUNKLINE D

10-YEAR STORM PROFILES

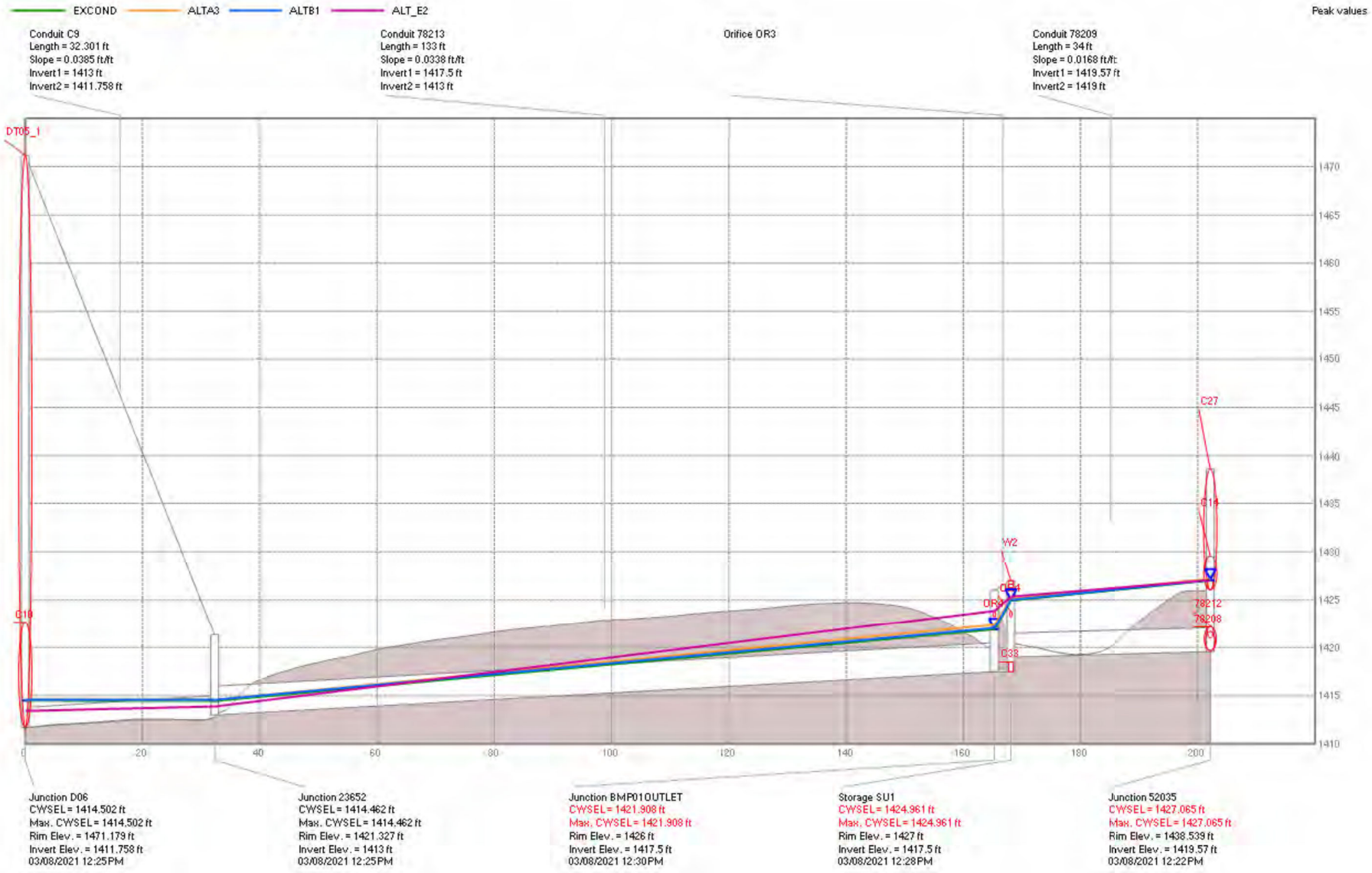

Figure 8: TRUNKLINE E1

10-YEAR STORM PROFILES

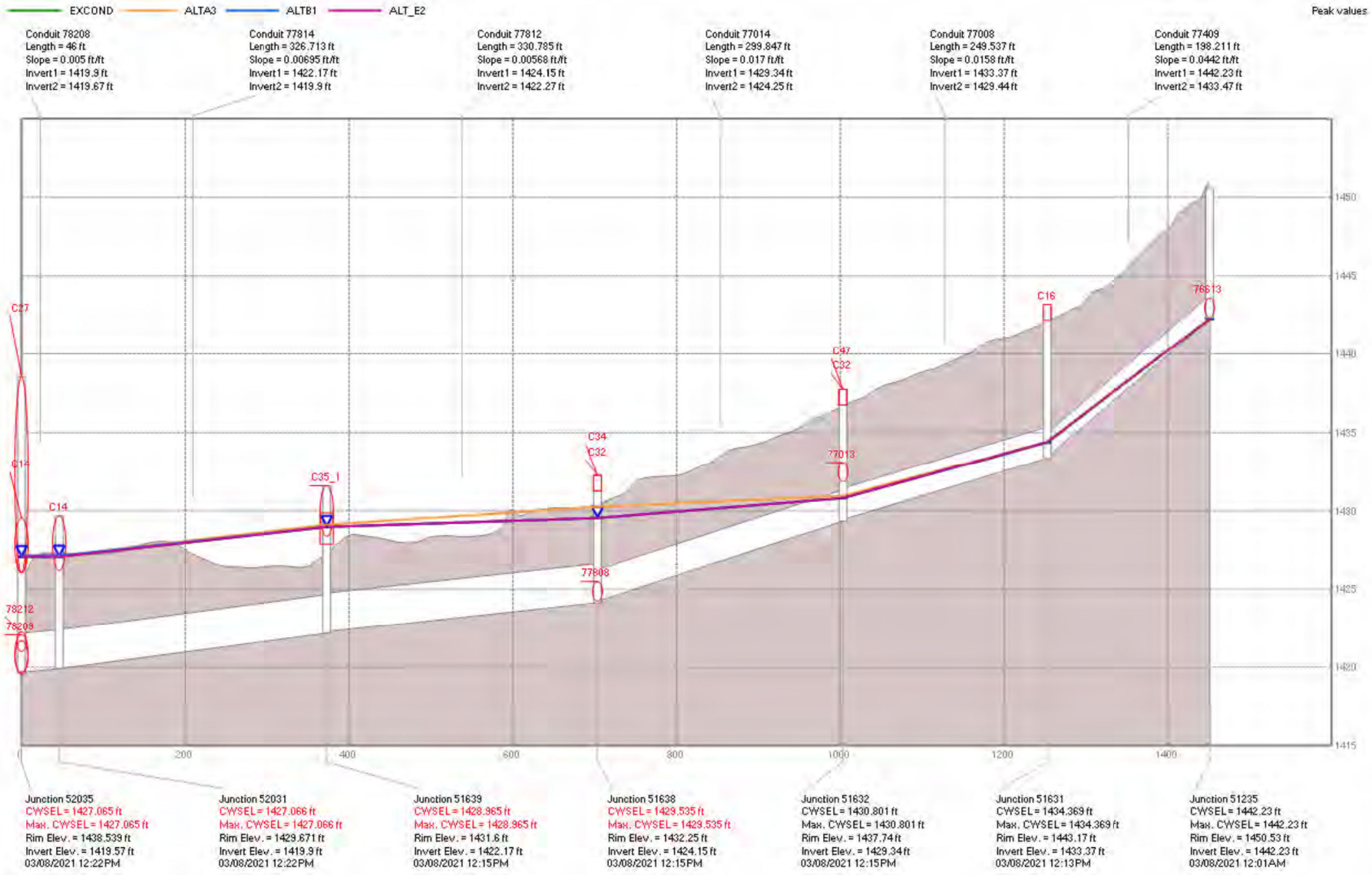

Figure 9: TRUNKLINE E2

10-YEAR STORM PROFILES

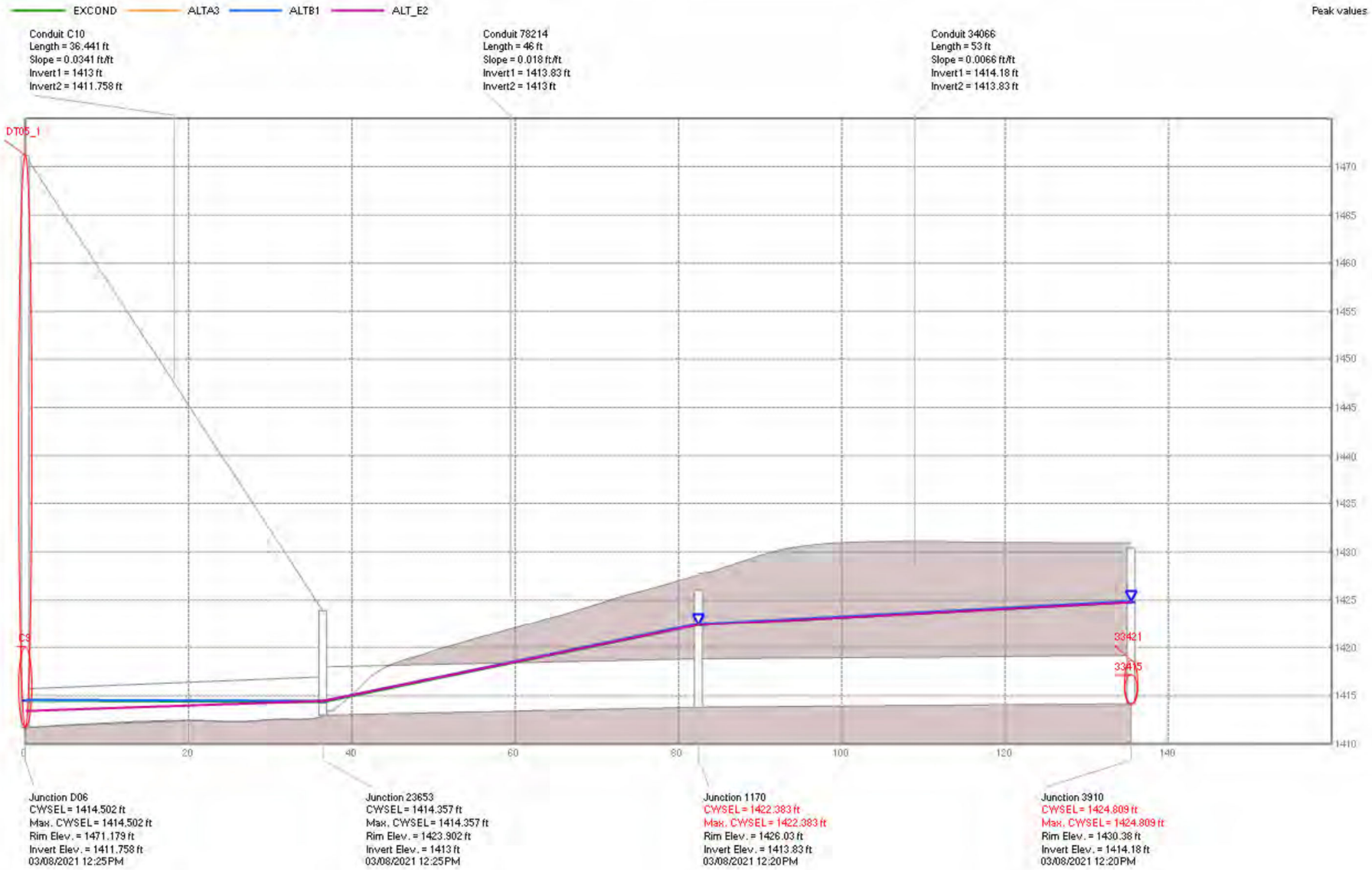

Figure 10: TRUNKLINE F

10-YEAR STORM PROFILES

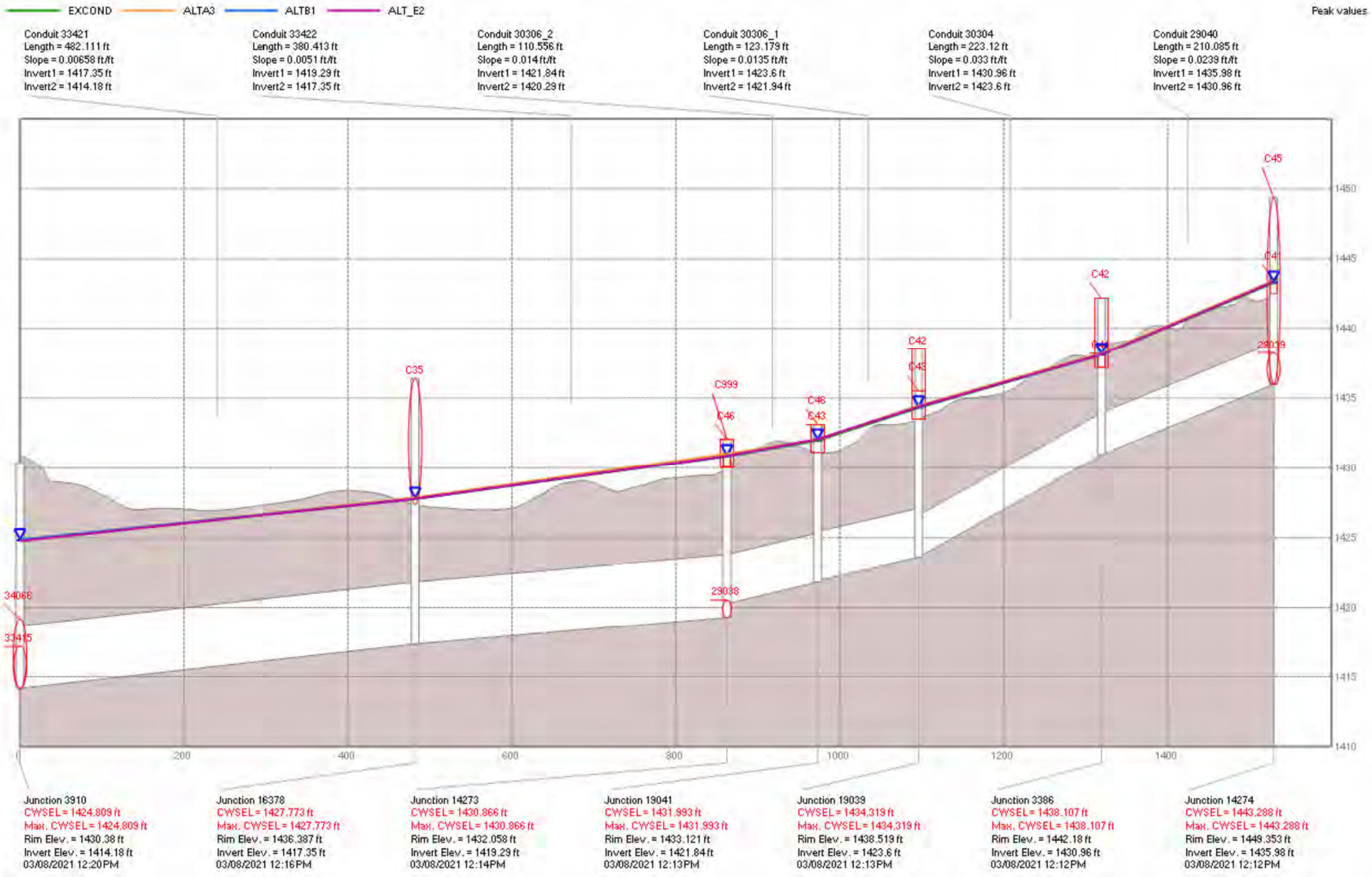

Figure 11: TRUNKLINE G

10-YEAR STORM PROFILES

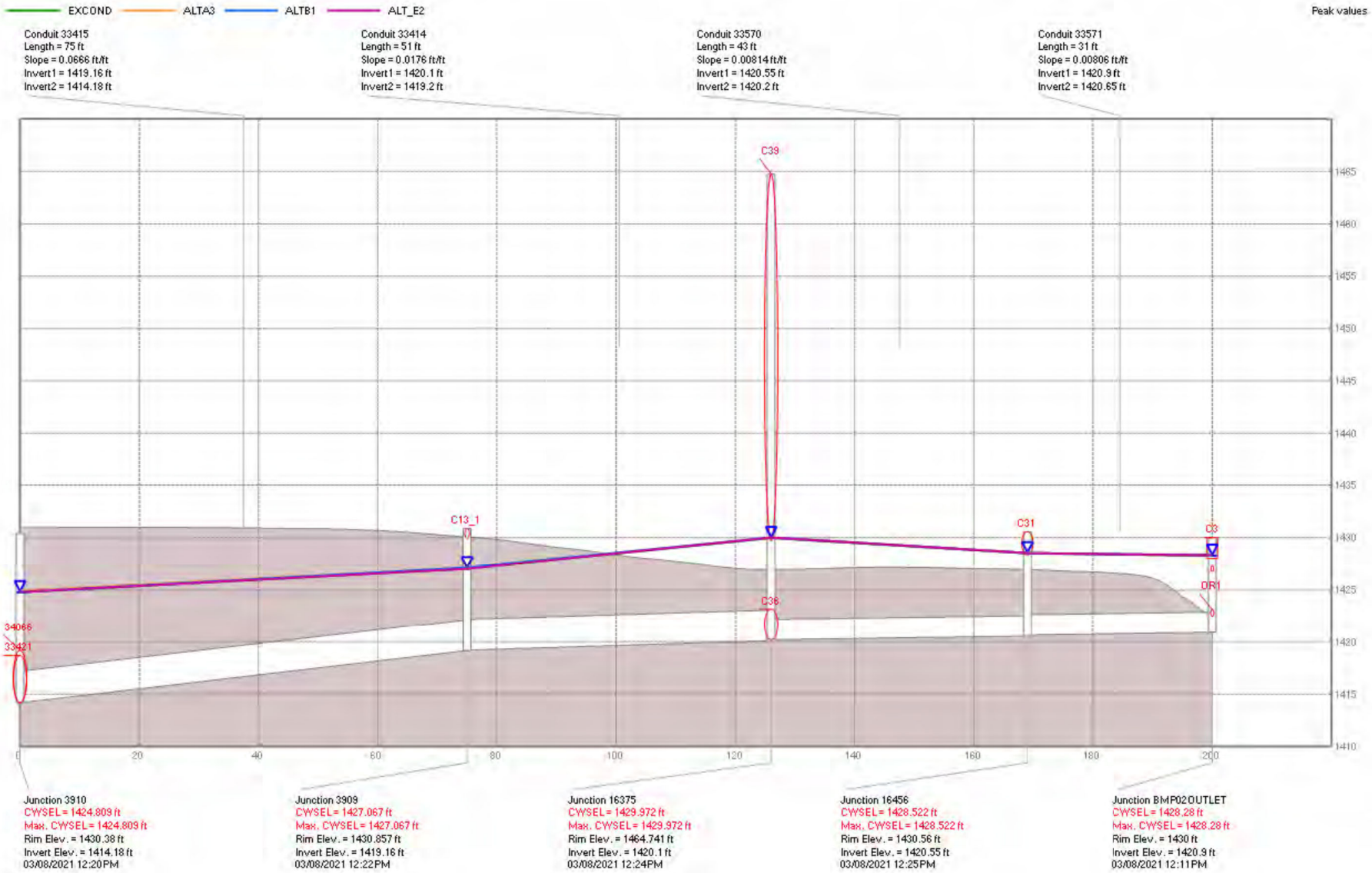

Figure 12: TRUNKLINE H

APPENDIX E.3-3

SWMM 25 Year Storm Profiles

25-YEAR STORM PROFILES

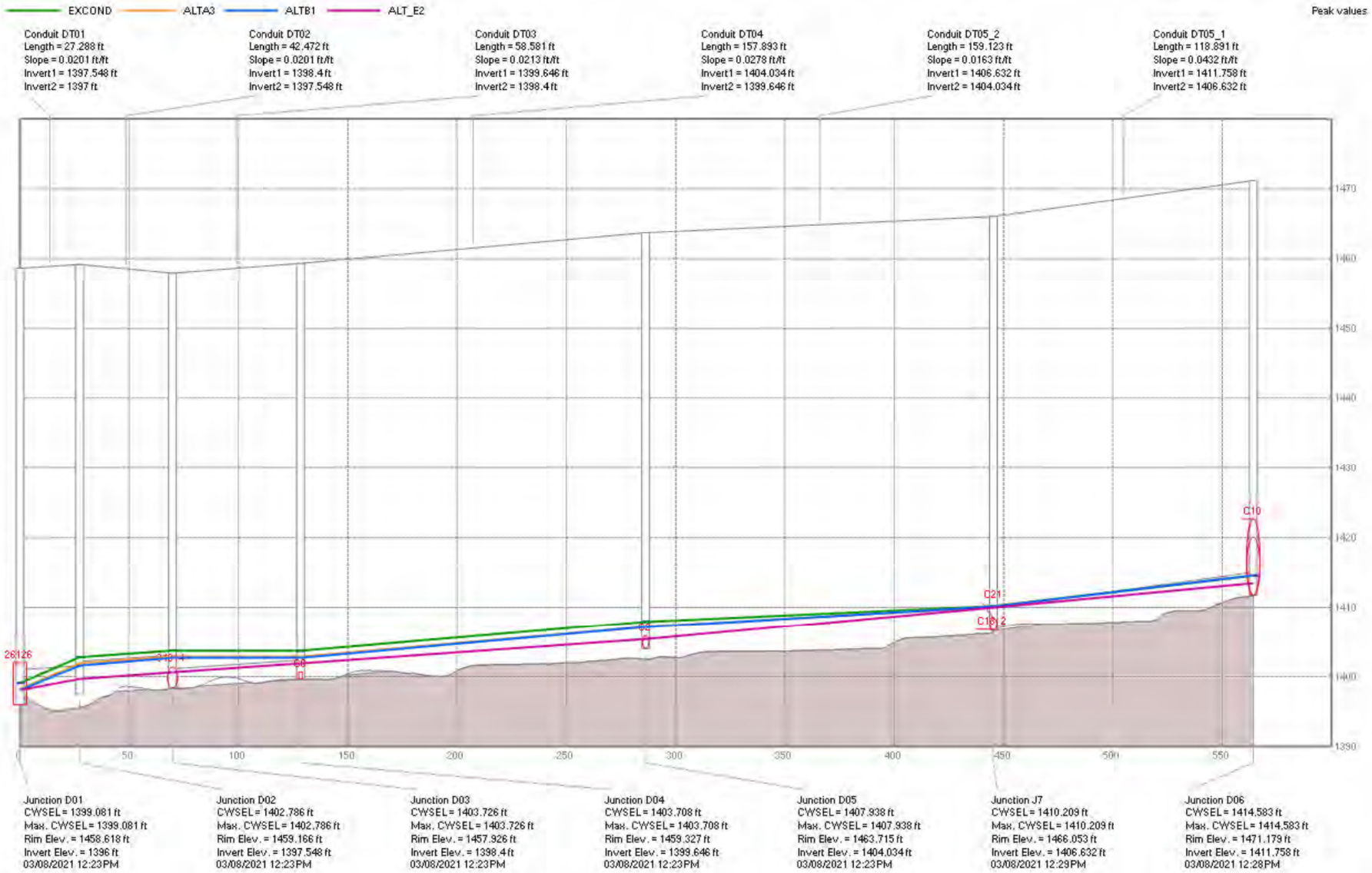

Figure 4: TRUNKLINE A

25-YEAR STORM PROFILES

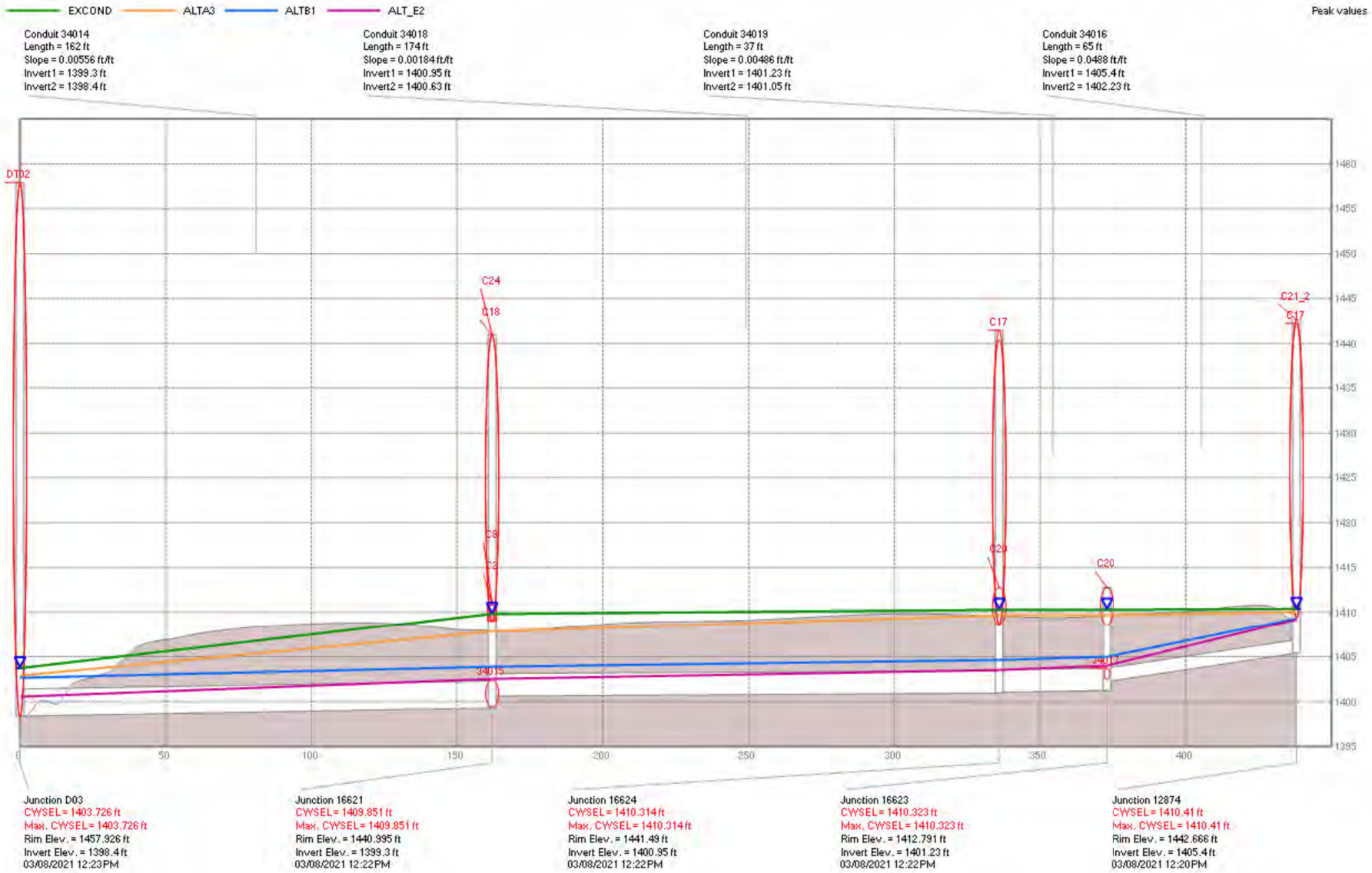

Figure 5: TRUNKLINE B

25-YEAR STORM PROFILES

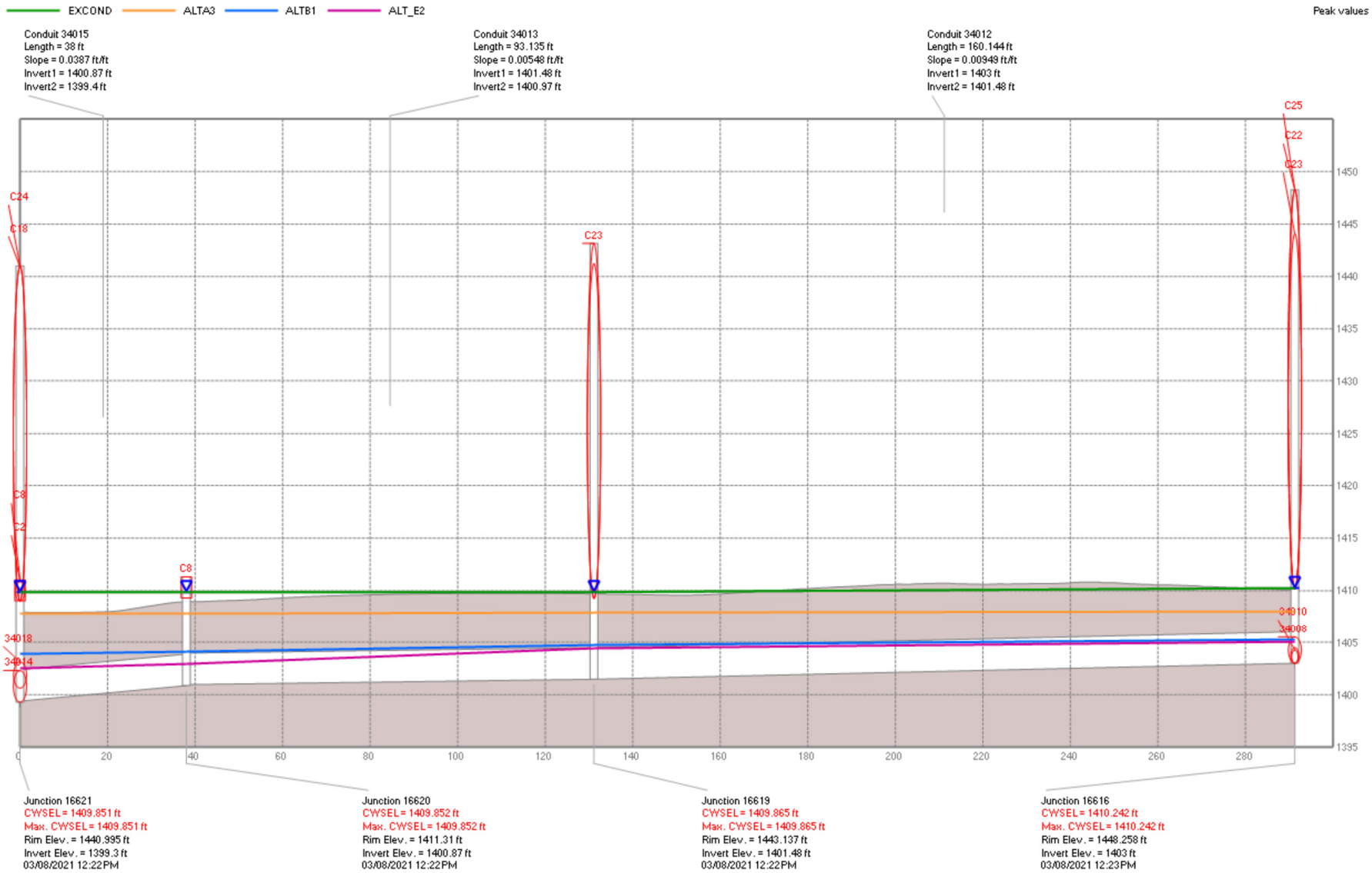

Figure 6: TRUNKLINE C

25-YEAR STORM PROFILES

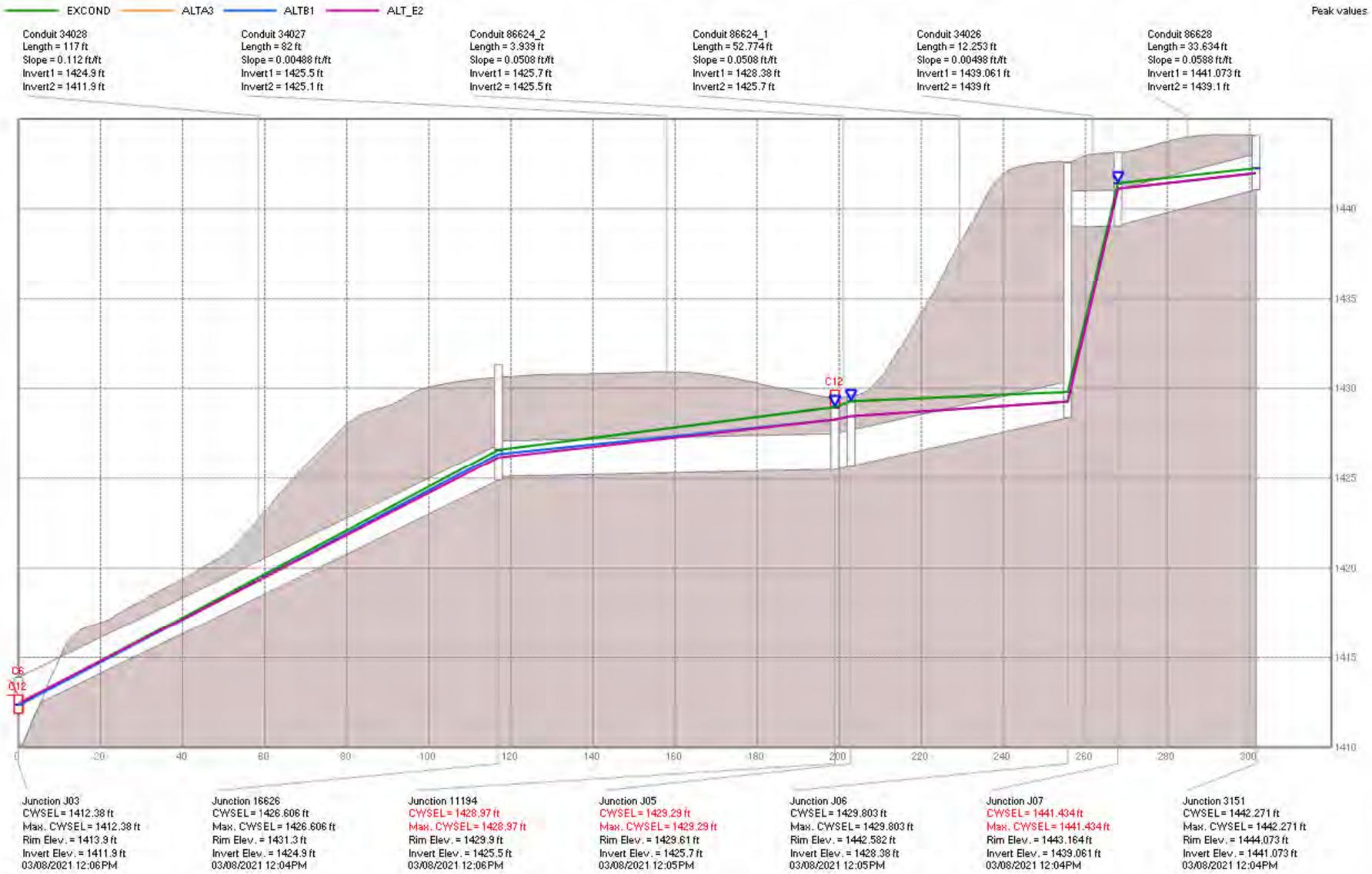

Figure 7: TRUNKLINE D

25-YEAR STORM PROFILES

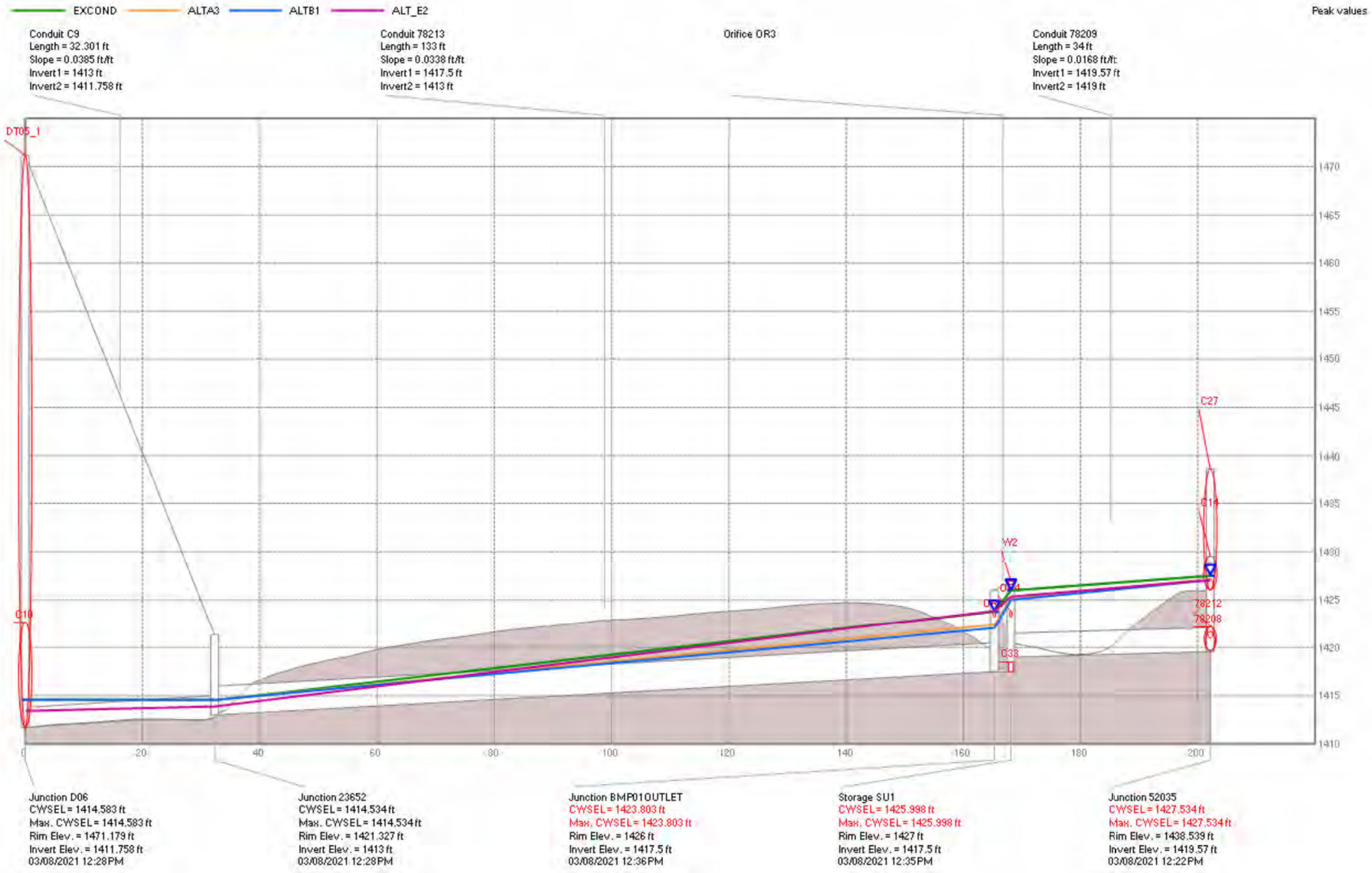

Figure 8: TRUNKLINE E1

25-YEAR STORM PROFILES

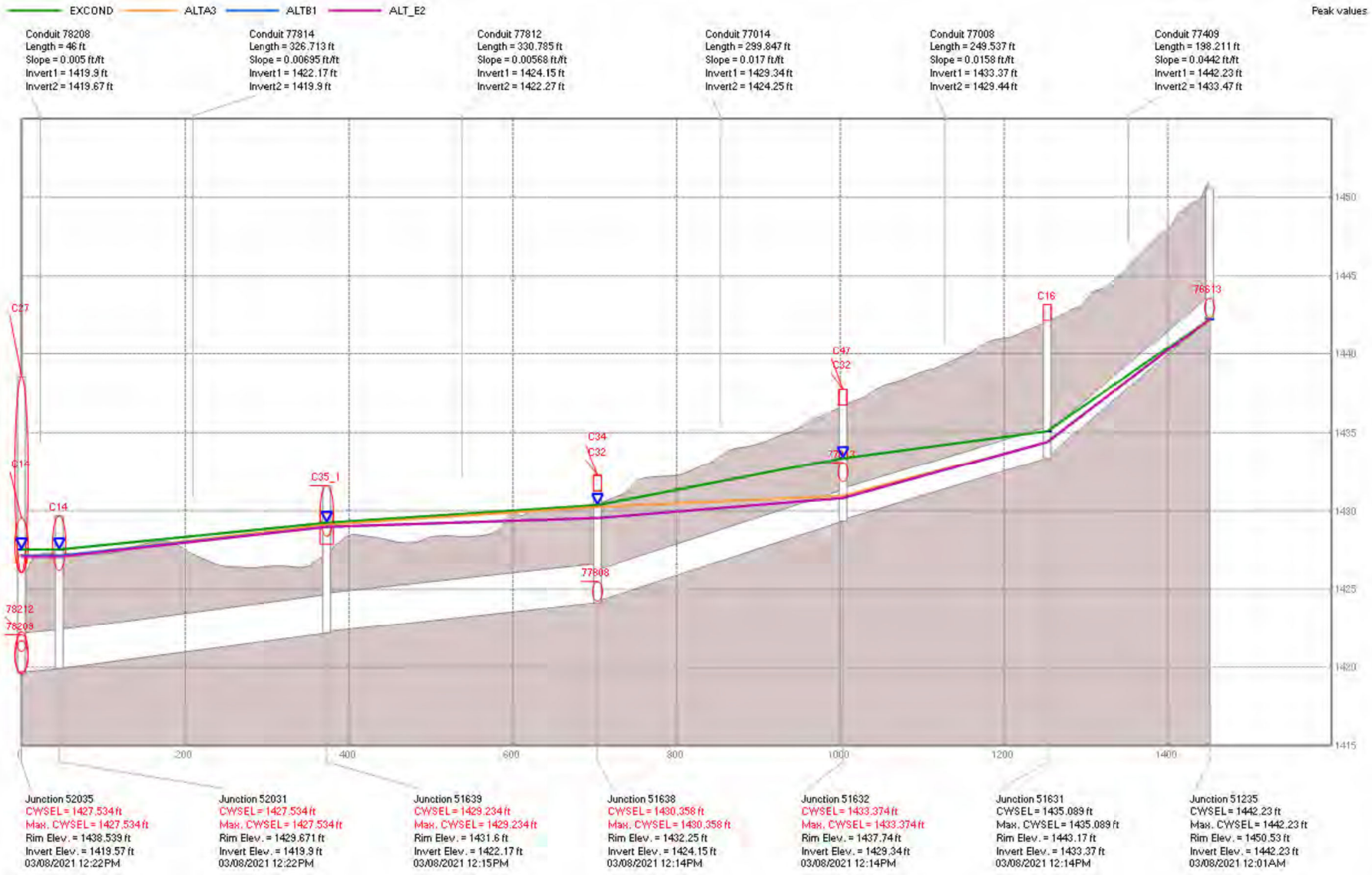

Figure 9: TRUNKLINE E2

25-YEAR STORM PROFILES

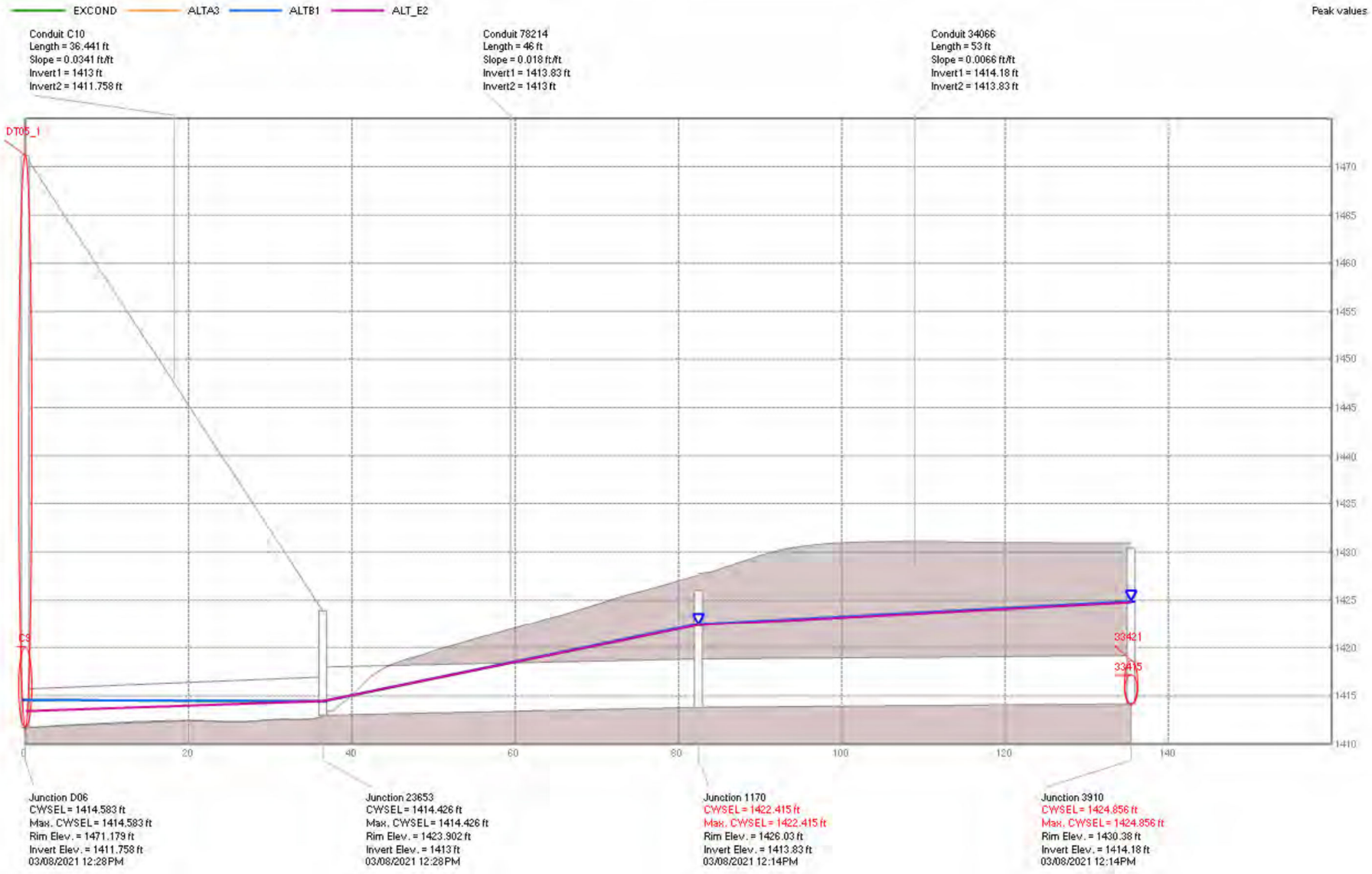

Figure 10: TRUNKLINE F

25-YEAR STORM PROFILES

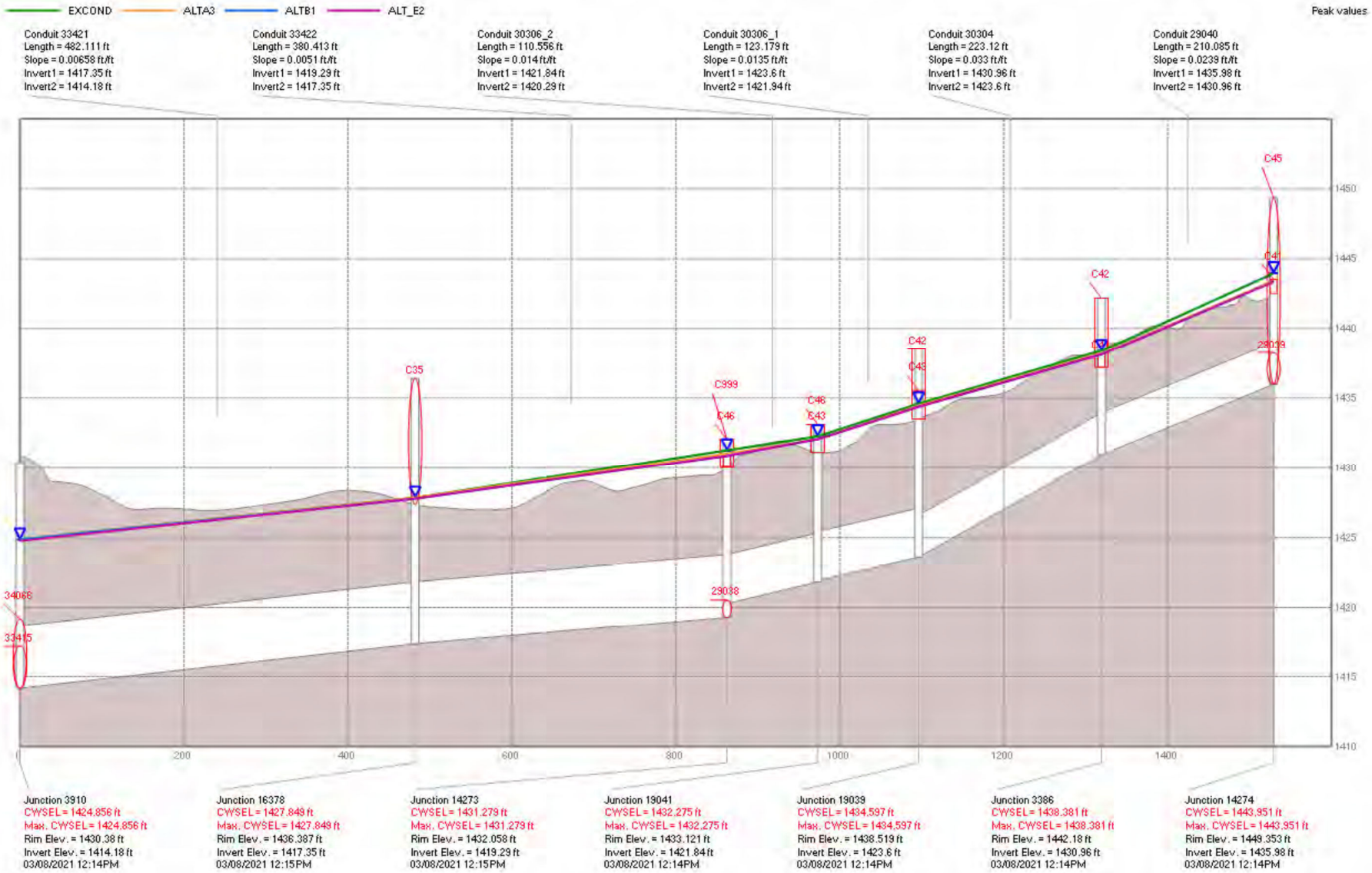

Figure 11: TRUNKLINE G

25-YEAR STORM PROFILES

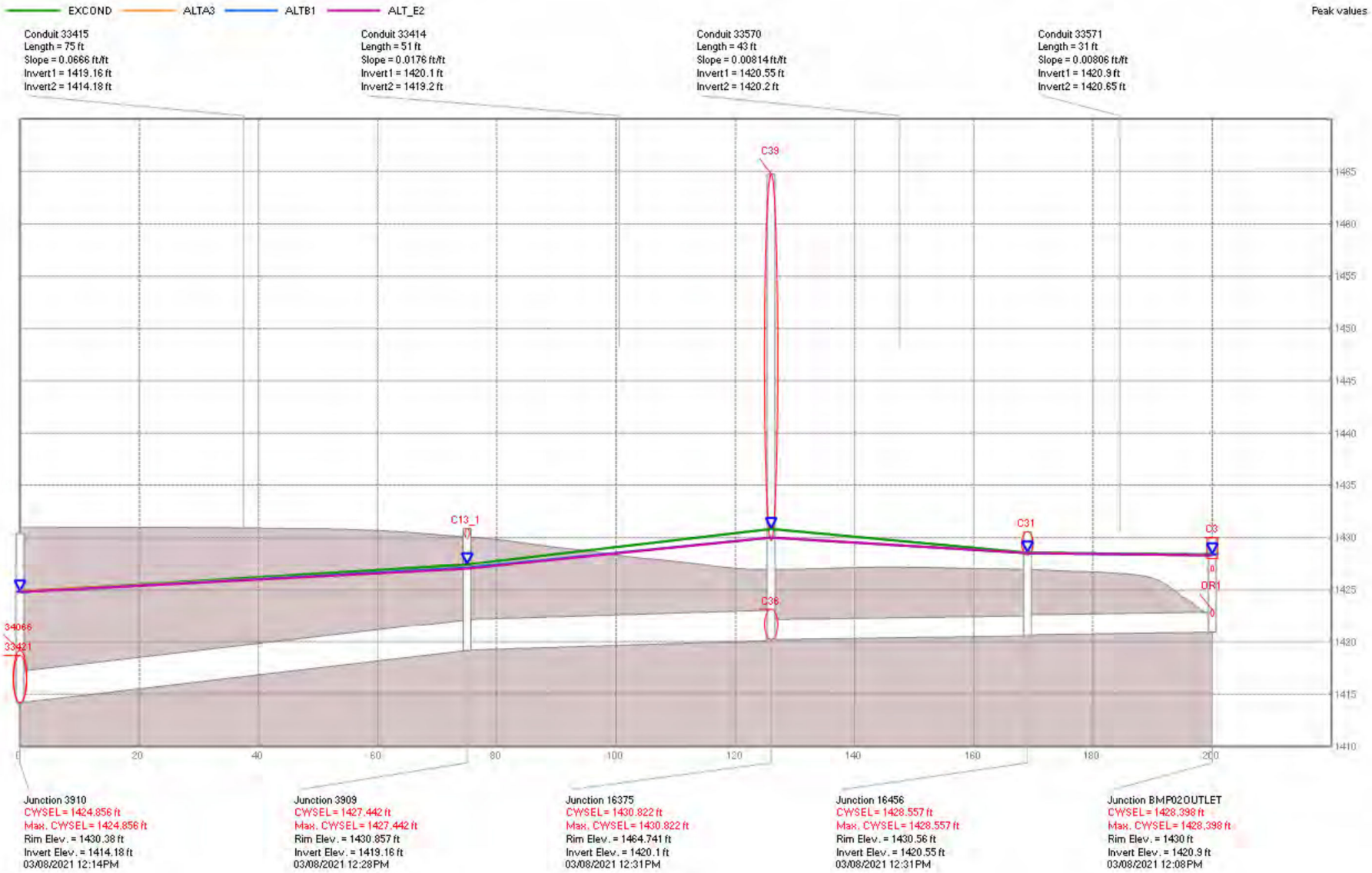

Figure 12: TRUNKLINE H

APPENDIX E.3-4

SWMM 100 Year Storm Profiles

100-YEAR STORM PROFILES

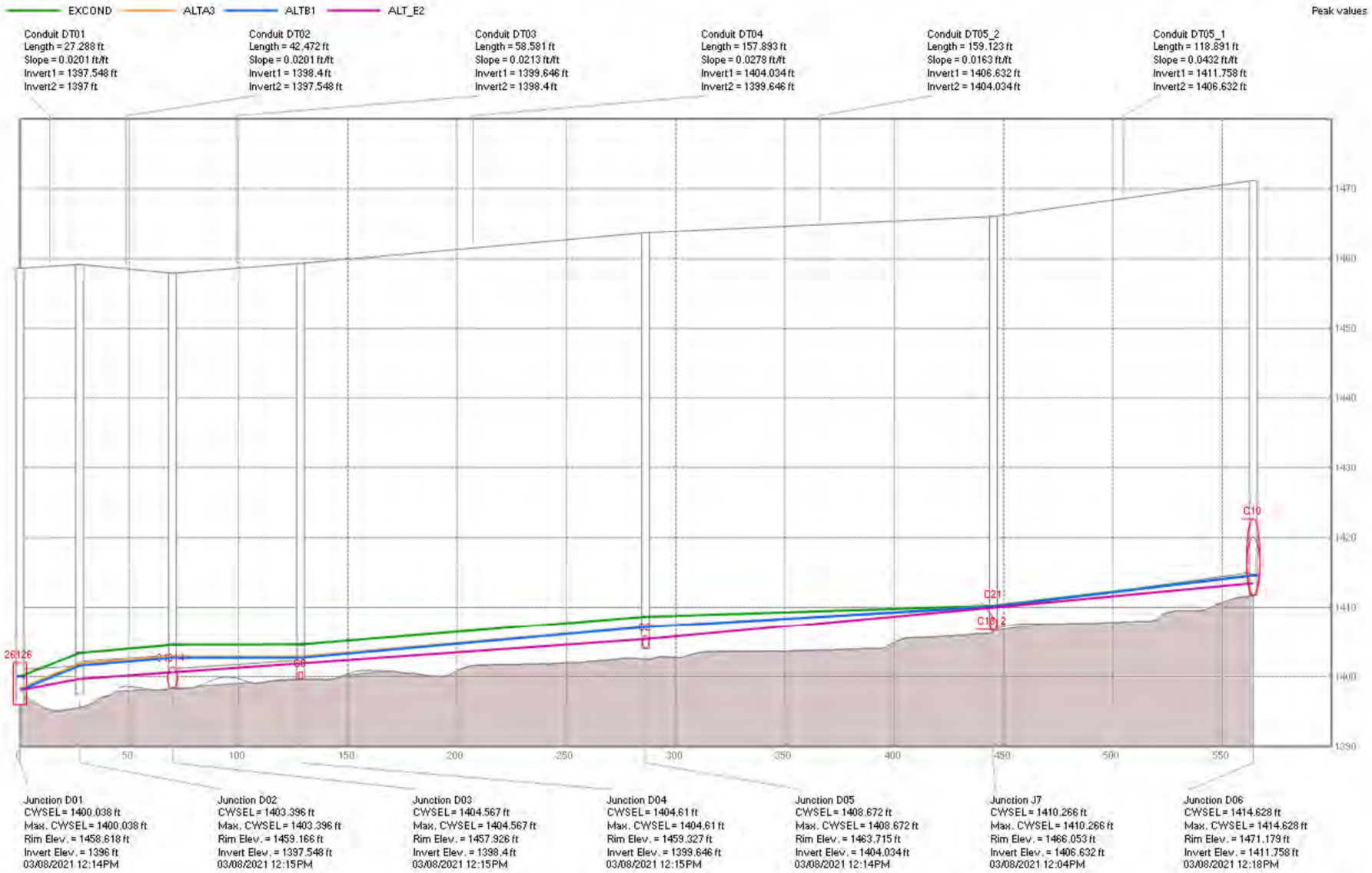

Figure 4: TRUNKLINE A

100-YEAR STORM PROFILES

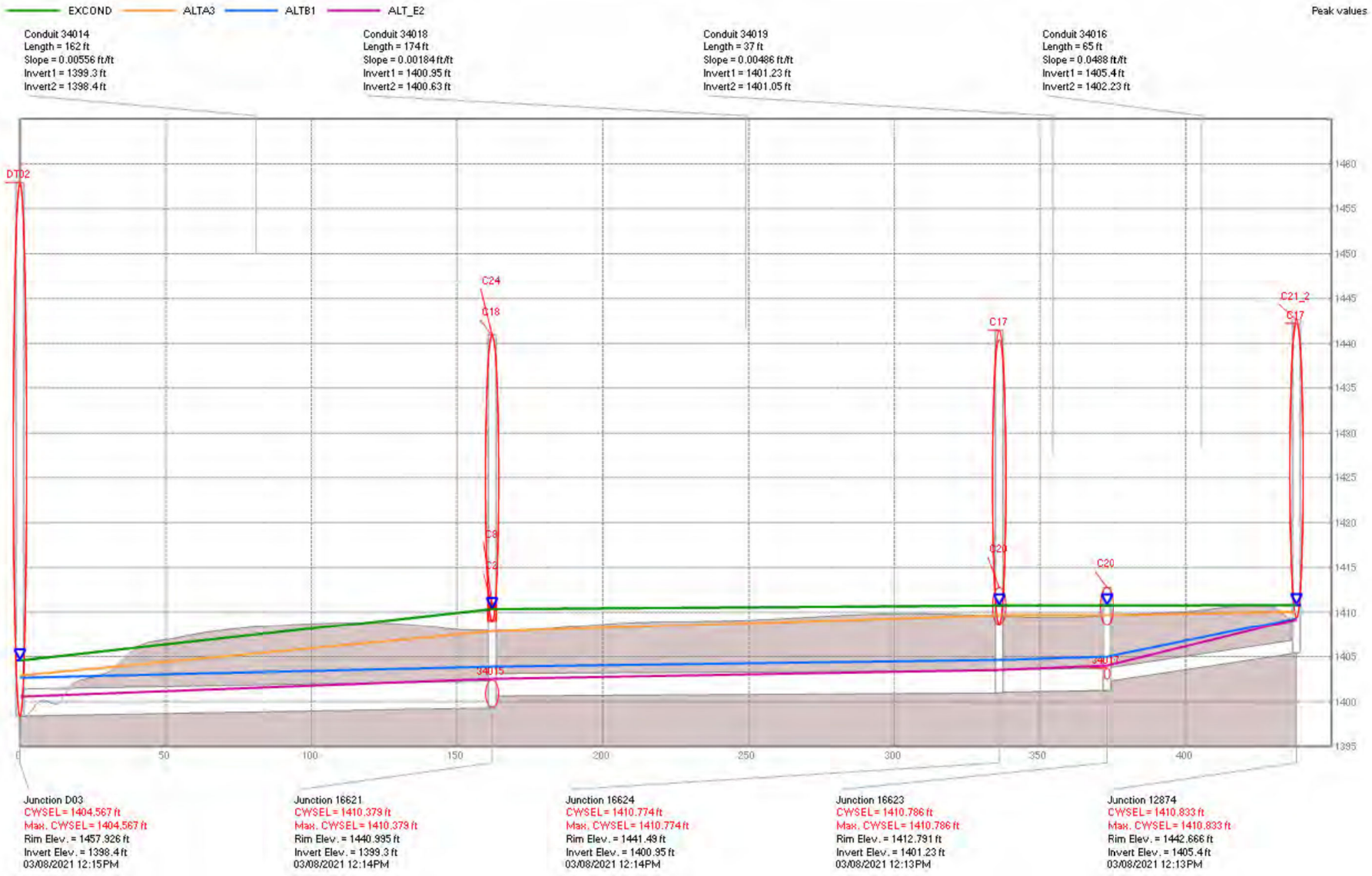

Figure 5: TRUNKLINE B

100-YEAR STORM PROFILES

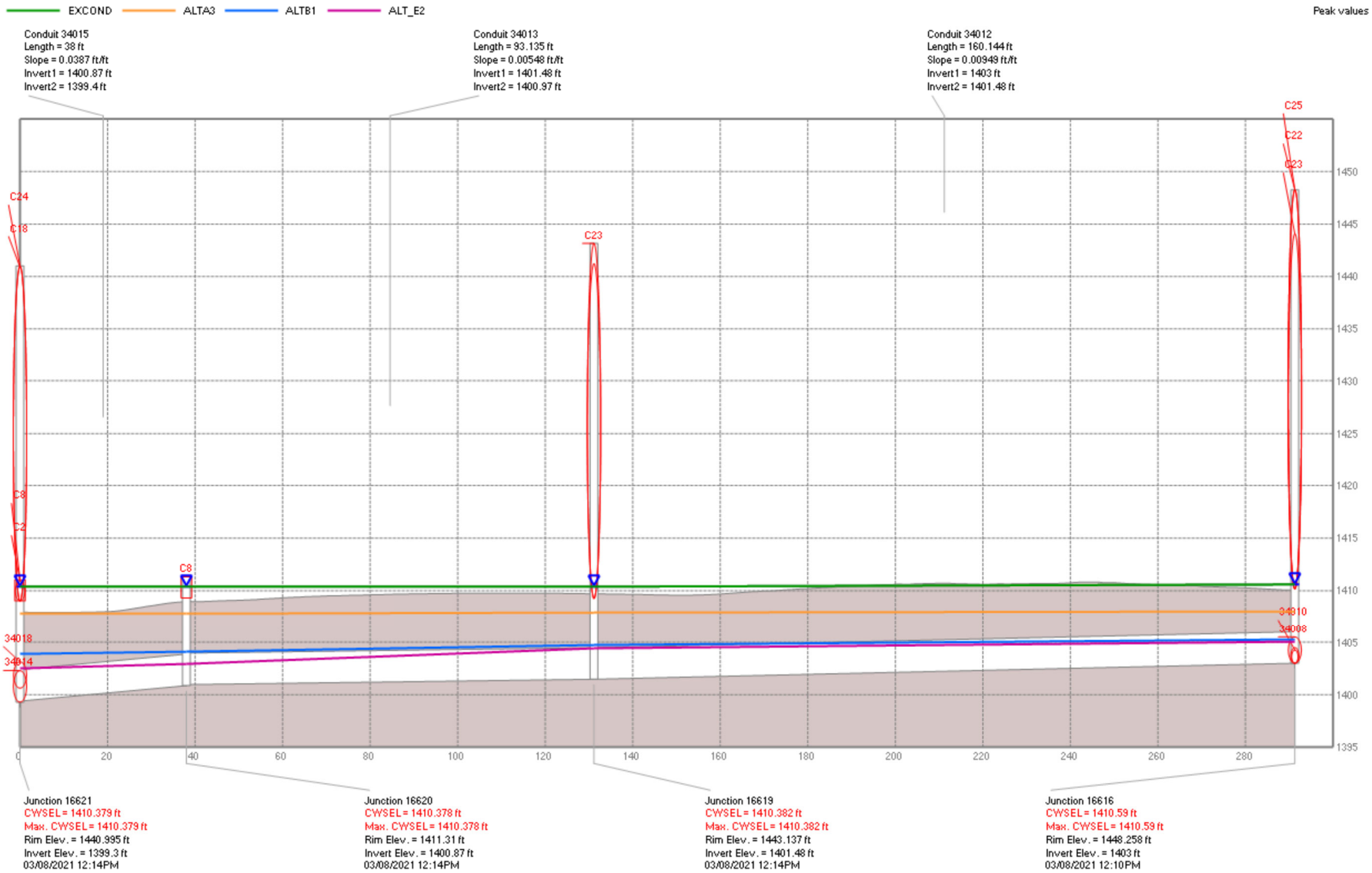

Figure 6: TRUNKLINE C

100-YEAR STORM PROFILES

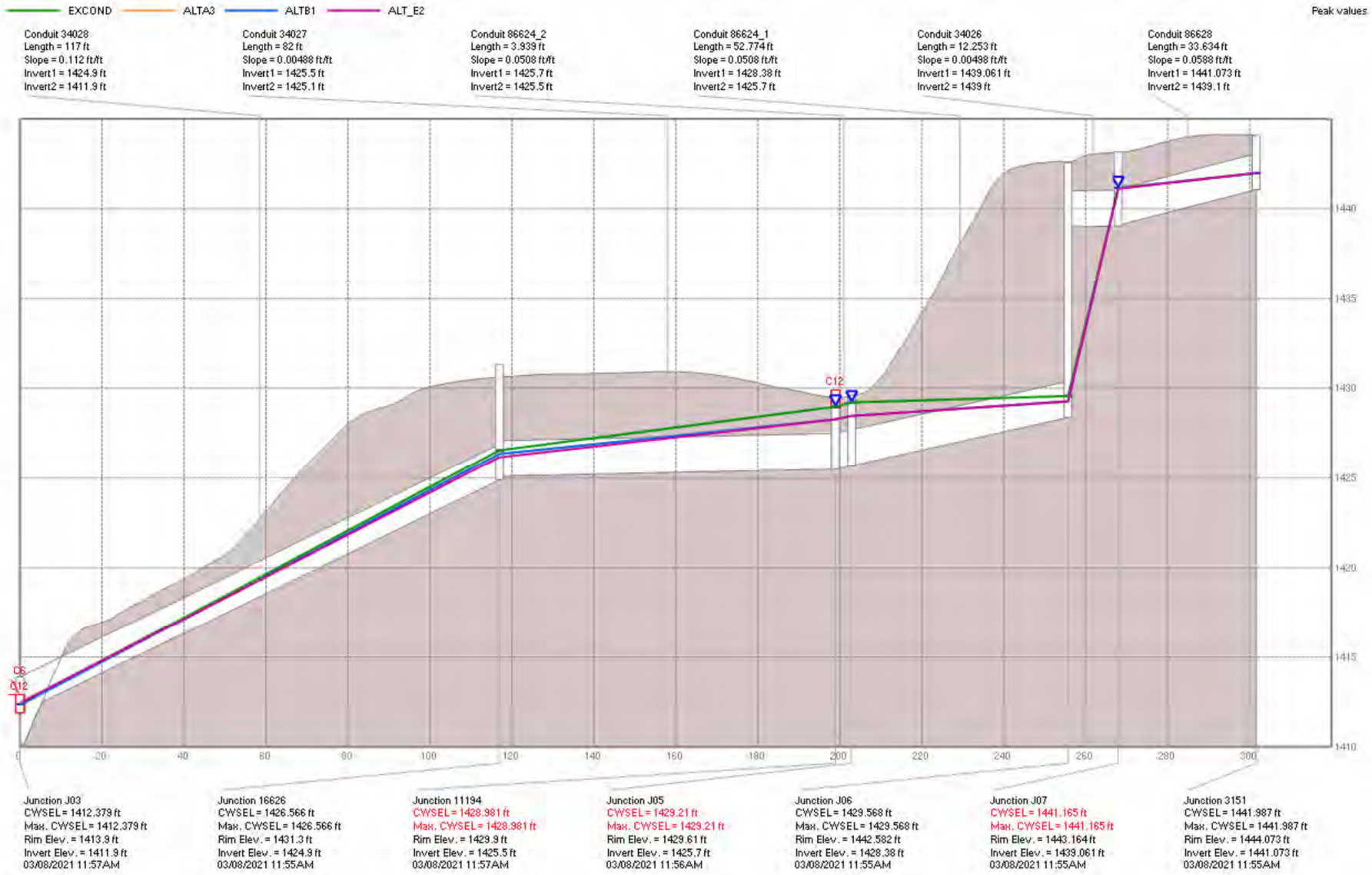

Figure 7: TRUNKLINE D

100-YEAR STORM PROFILES

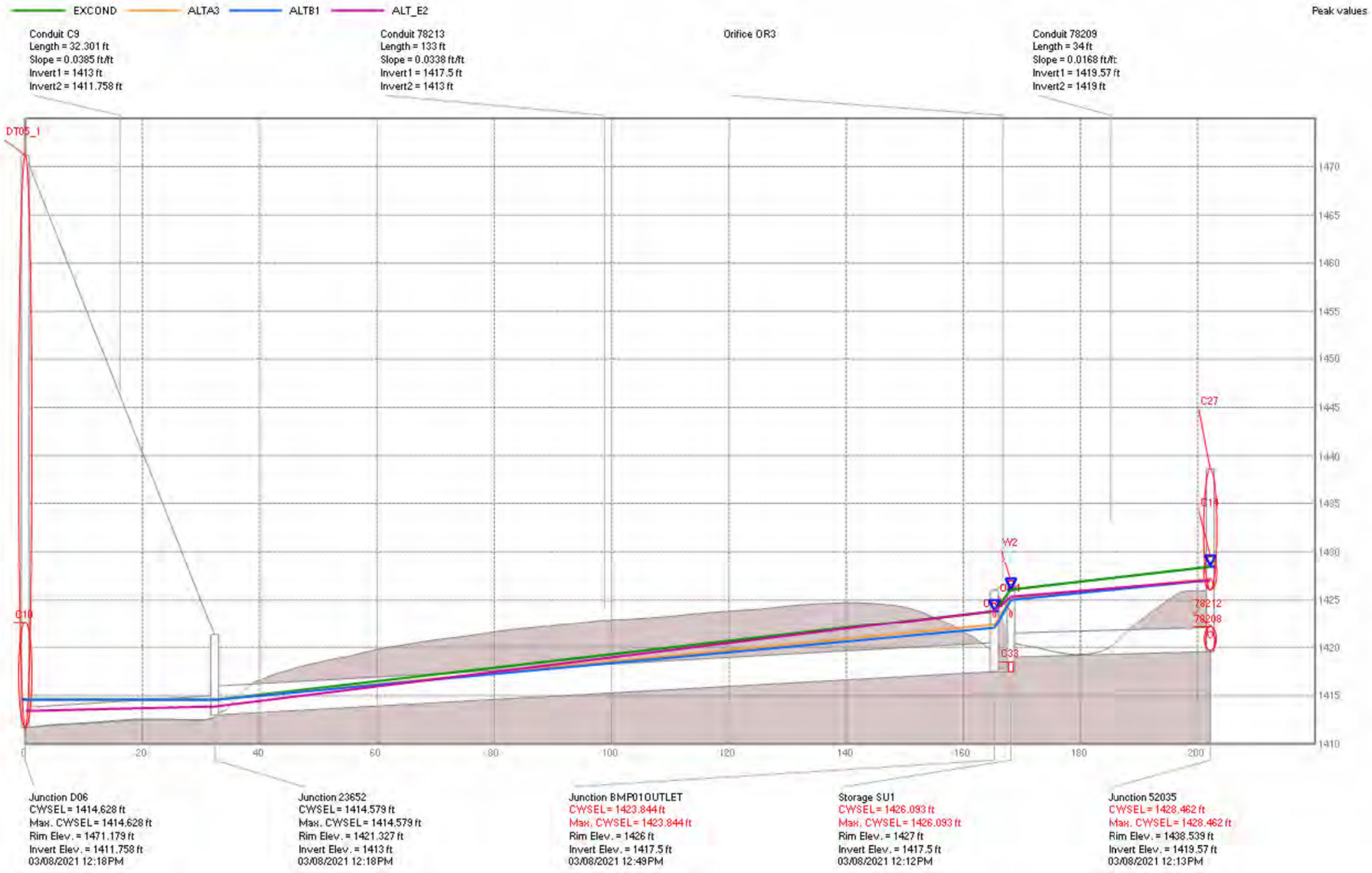

Figure 8: TRUNKLINE E1

100-YEAR STORM PROFILES

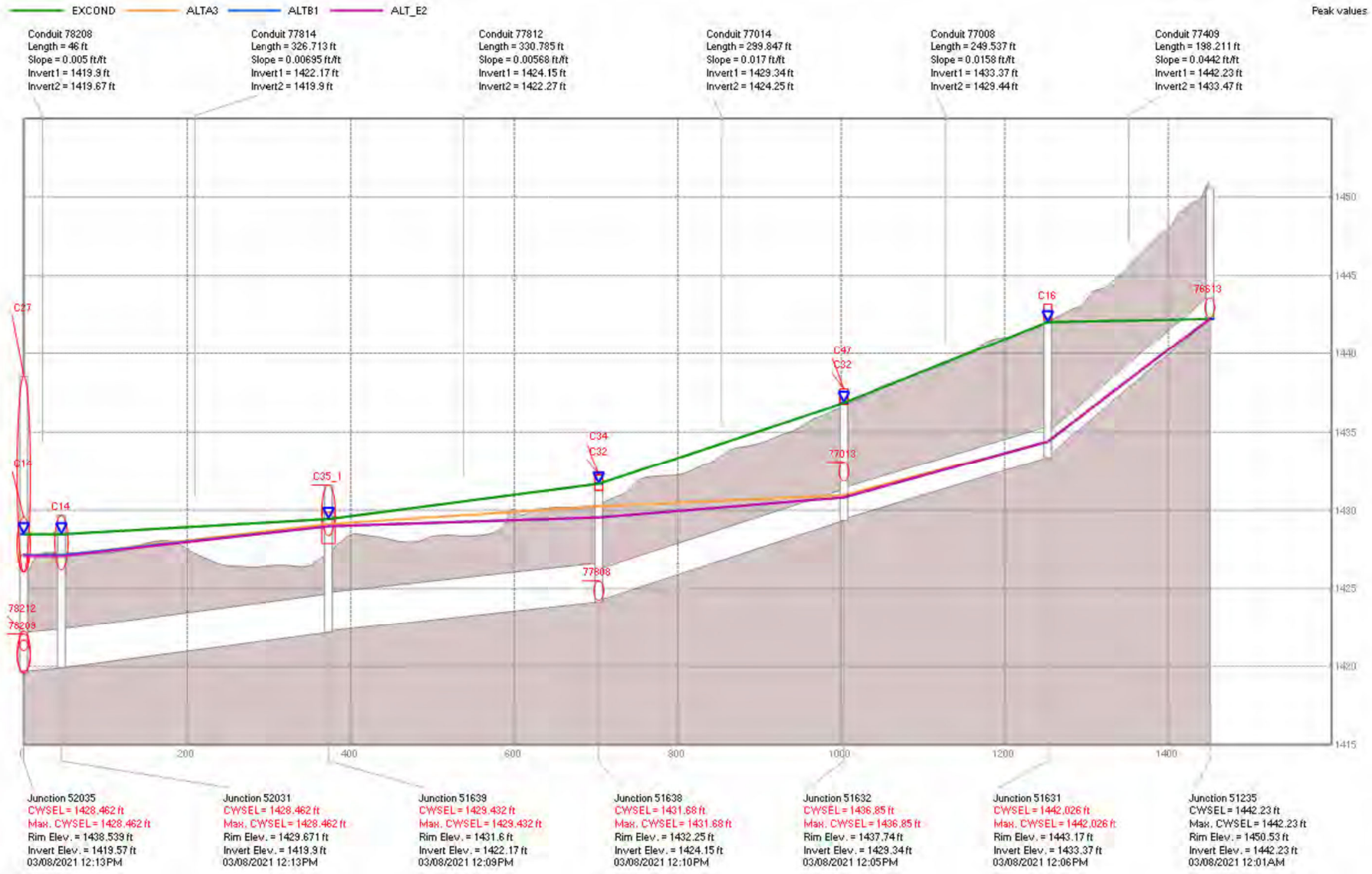

Figure 9: TRUNKLINE E2

100-YEAR STORM PROFILES

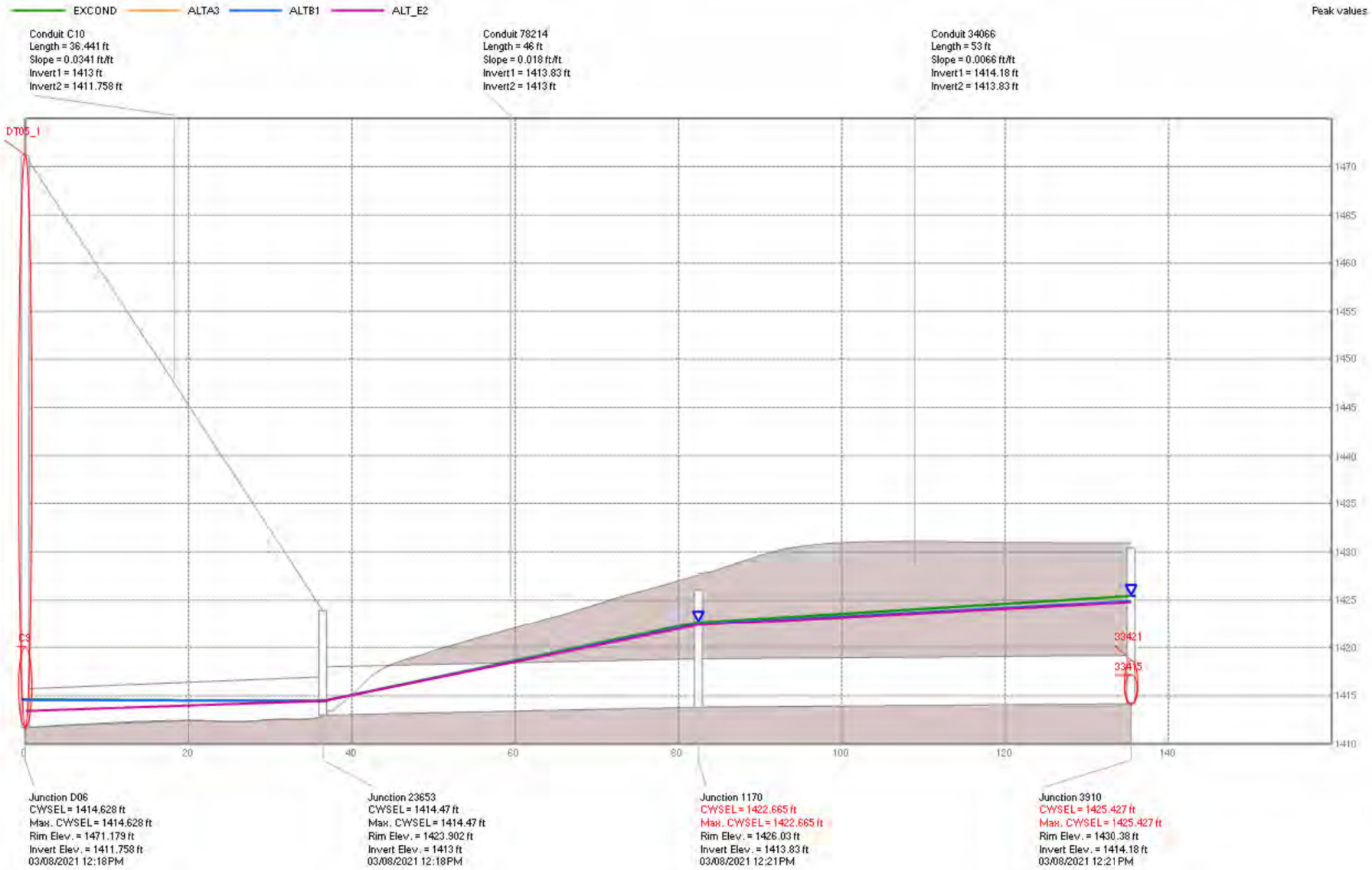

Figure 10: TRUNKLINE F

100-YEAR STORM PROFILES

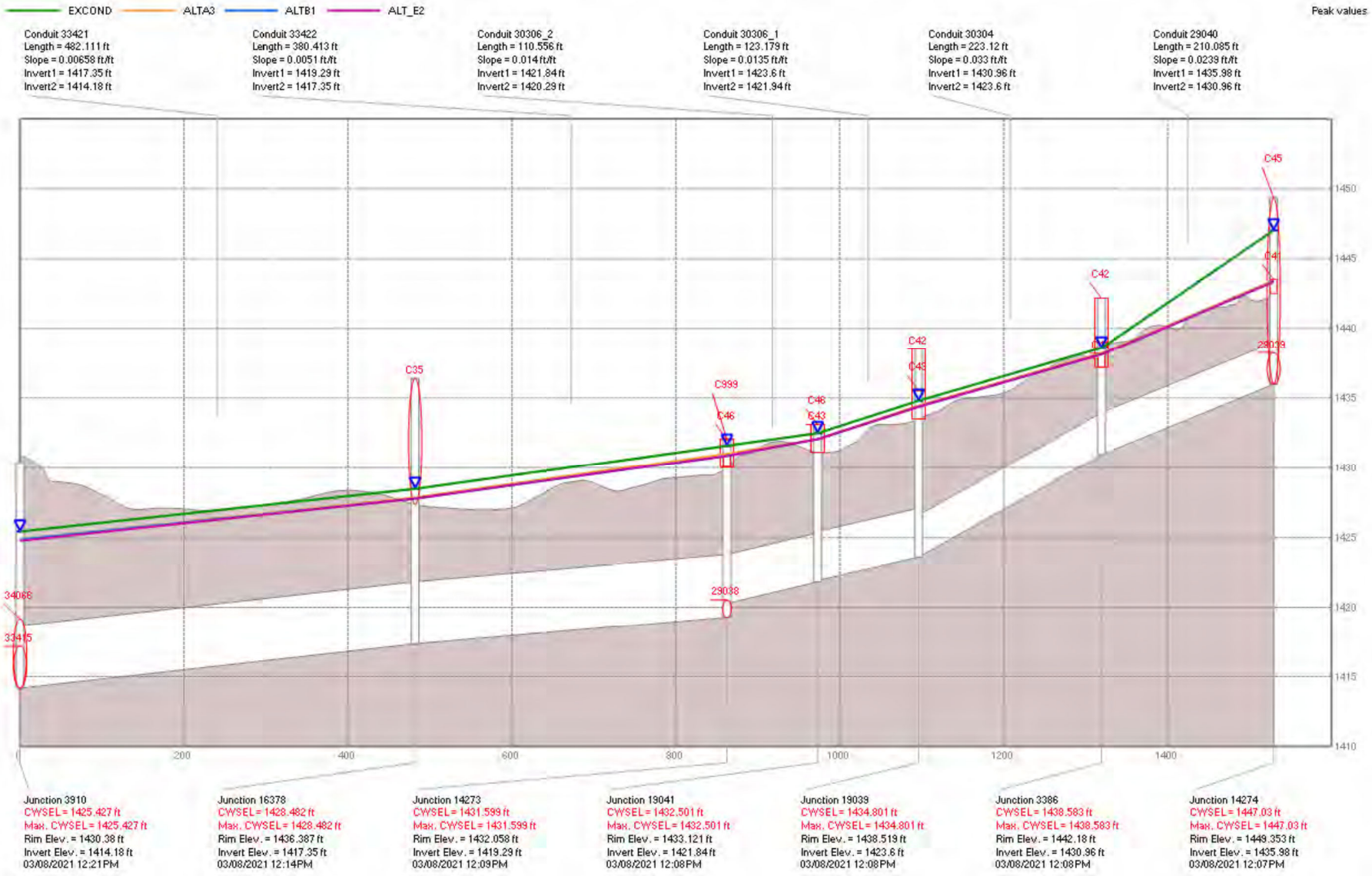

Figure 11: TRUNKLINE G

100-YEAR STORM PROFILES

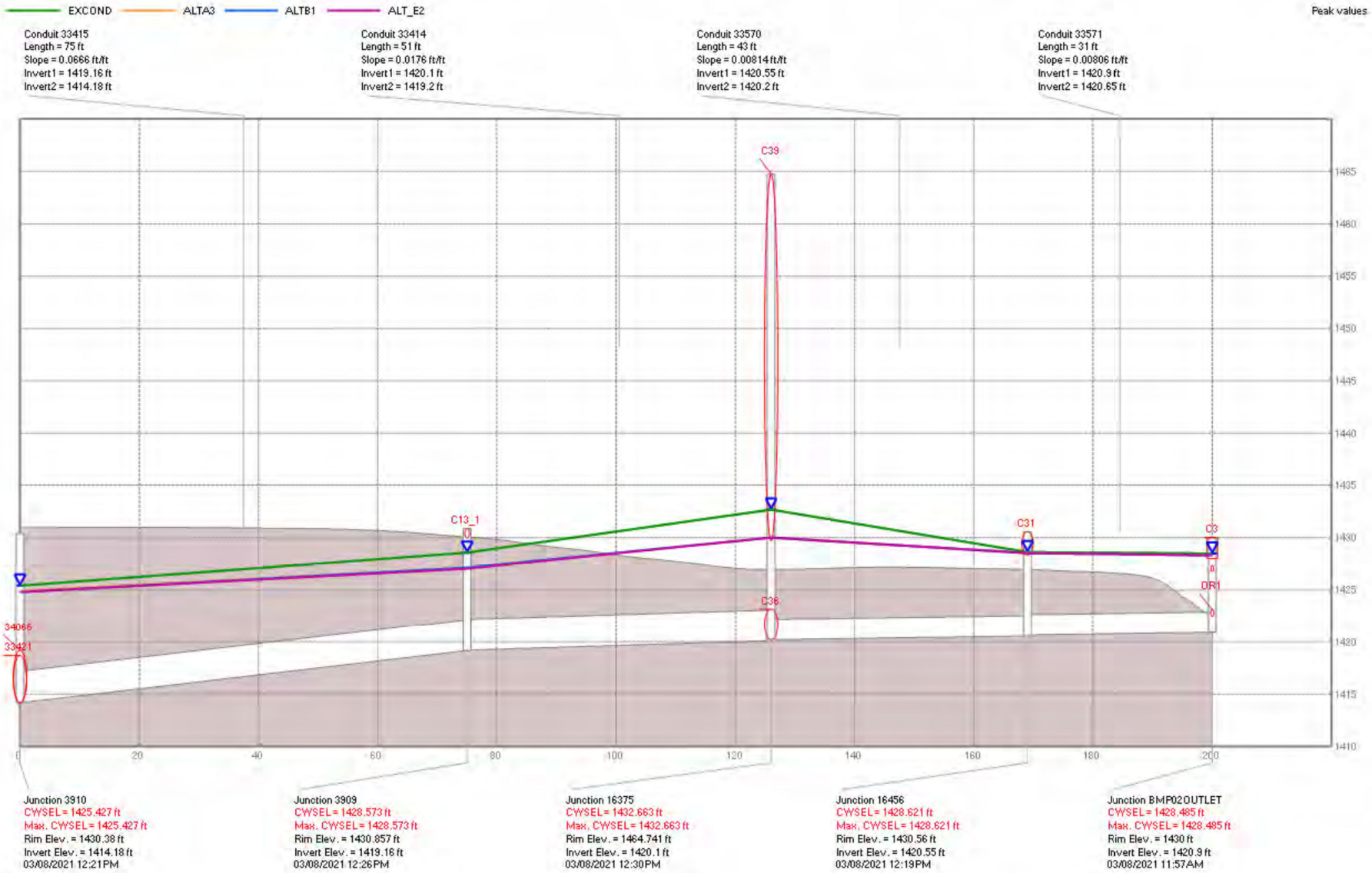

Figure 12: TRUNKLINE H

APPENDIX F

Modeled SWMM Sub-Alternatives

EXISTING CONDITIONS 10-YEAR SWMM OUTPUTS

```
ALTERNATIVE RUNOFF METHOD (ARM) - PCSWMM VERSION 7.4.3202
---------------------------------------------------------

This is a new version of ARM - your feedback and suggestions are solicited.
Create a ticket, post on the PCSWMM feature request forum, or email us directly!

Simulation start time:                  03/08/2021 00:00:00
Simulation end time:                    03/09/2021 00:00:00
Runoff wet weather time steps:          60 seconds
Report time steps:                      60 seconds
Number of data points:                  1441


******************************
Unit Hydrographs Runoff Method
******************************

-----------------------------------------------------------------------------------------------------------------------
-----------------------------------------------
                                                                                Area   Time of Concentration  Time to Peak
Time after Peak    Peak UH Flow    UH Depth
  Subcatchment         Runoff Method             Raingage                      (ac)   (min)                  (min)
(min)              (CFS/in)        (in)
-----------------------------------------------------------------------------------------------------------------------
-----------------------------------------------
  DA-2                 Dimensionless UH (483.4)  10YR                         10.306 8.89                   5.83
23.69              80.08214        0.992
  DA-5                 Dimensionless UH (483.4)  10YR                         4.523  10.88                  7.03
29                 29.1707         0.996
  DA-6                 Dimensionless UH (483.4)  10YR                         66.259 17.6                   11.06
46.92              271.51338       1.001
  DA-1A                Dimensionless UH (483.4)  10YR                         0.49   5                      3.5
13.33              6.34462         0.994
  DA-1B                Dimensionless UH (483.4)  10YR                         0.822  9.21                   6.03
24.55              6.18188         0.993
  DA-4                 Dimensionless UH (483.4)  10YR                         1.823  5                      3.5
13.33              23.60459        0.994
  DA-4A                Dimensionless UH (483.4)  10YR                         3.454  7.7                    5.12
20.53              30.57245        0.991
  DA-4B                Dimensionless UH (483.4)  10YR                         0.578  5                      3.5
13.33              7.48407         0.994
  DA-8                 Dimensionless UH (483.4)  10YR                         0.946  5                      3.5
13.33              12.24901        0.994
  DA-8C                Dimensionless UH (483.4)  10YR                         0.685  5                      3.5
13.33              8.86953         0.994
  DA-2A                Dimensionless UH (483.4)  10YR                         0.959  8.15                   5.39
21.74              8.05872         0.992
  DA-8A                Dimensionless UH (483.4)  10YR                         0.259  5                      3.5
13.33              3.35359         0.994
  DA-8B                Dimensionless UH (483.4)  10YR                         0.675  5                      3.5
13.33              8.74004         0.994
  DA-3A                Dimensionless UH (483.4)  10YR                         6.017  19.37                  12.12
51.64              22.49488        1.001
  DA-3D                Dimensionless UH (483.4)  10YR                         0.422  5                      3.5
13.33              5.46415         0.994
  DA-3B                Dimensionless UH (483.4)  10YR                         0.823  14.27                  9.06
38.05              4.11552         0.998
  DA-3                 Dimensionless UH (483.4)  10YR                         16.963 12.69                  8.12
33.84              94.72865        0.998
  DA-3C                Dimensionless UH (483.4)  10YR                         0.762  7.16                   4.8
19.09              7.20125         0.991
  DA-3E                Dimensionless UH (483.4)  10YR                         1.984  8.71                   5.73
23.23              15.69755        0.992
  DA-7A                Dimensionless UH (483.4)  10YR                         3.578  5                      3.5
13.33              46.32871        0.994
  DA-7C                Dimensionless UH (483.4)  10YR                         30.176 10.48                  6.79
27.93              201.5354        0.995
  DA-7B                Dimensionless UH (483.4)  10YR                         10.638 5                      3.5
13.33              137.7431        0.994
  DA-1E                Dimensionless UH (483.4)  10YR                         127.361 15.23                  9.64
40.61              598.78842       1
  DA-1C_2              Dimensionless UH (483.4)  10YR                         6.76   16.8                   10.58
44.79              28.95603        1.001
  DA-1C_4              Dimensionless UH (483.4)  10YR                         1.582  5                      3.5
13.33              20.48407        0.994
  DA-1C_1              Dimensionless UH (483.4)  10YR                         1.969  5                      3.5
13.33              25.49503        0.994
  DA-1C_5              Dimensionless UH (483.4)  10YR                         0.477  5                      3.5
13.33              6.1763          0.994
  DA-1D_2              Dimensionless UH (483.4)  10YR                         3.469  5                      3.5
13.33              44.91736        0.994
  DA-1D_3              Dimensionless UH (483.4)  10YR                         12.776 9.02                   5.91
24.05              97.91523        0.993
  DA-1D_1              Dimensionless UH (483.4)  10YR                         53.971 24.9                   15.44
66.37              158.43773       1.001


******************
ARM Runoff Summary
******************

-----------------------------------------------------------------------------------------
                     Total       Total       Total       Total       Peak        Runoff
                     Precip      Losses      Runoff      Runoff      Runoff      Coeff
Subcatchment         (in)        (in)        (in)        10^6 gal    CFS         (fraction)
-----------------------------------------------------------------------------------------
DA-2                 3.87        2.699       1.168       0.327       20.83       0.302
DA-5                 3.87        1.637       2.229       0.274       17.034      0.576
DA-6                 3.87        1.931       1.932       3.476       163.061     0.499
DA-1A                3.87        1.752       2.115       0.028       2.517       0.546
DA-1B                3.87        2.987       0.88        0.02        1.117       0.227
DA-4                 3.87        0.507       3.359       0.166       13.929      0.868
DA-4A                3.87        2.444       1.423       0.133       9.506       0.368
DA-4B                3.87        0.699       3.167       0.05        4.259       0.818
DA-8                 3.87        2.474       1.393       0.036       3.062       0.36
DA-8C                3.87        2.376       1.491       0.028       2.396       0.385
DA-2A                3.87        1.6         2.268       0.059       4.253       0.586
DA-8A                3.87        2.911       0.957       0.007       0.526       0.247
DA-8B                3.87        2.841       1.027       0.019       1.506       0.265
DA-3A                3.87        2.548       1.315       0.215       9.042       0.34
DA-3D                3.87        0.971       2.896       0.033       2.91        0.748
DA-3B                3.87        2.271       1.595       0.036       1.858       0.412
DA-3                 3.87        2.827       1.039       0.479       24.374      0.269
DA-3C                3.87        2.67        1.197       0.025       1.771       0.309
DA-3E                3.87        2.075       1.793       0.097       6.683       0.463
DA-7A                3.87        1.031       2.836       0.276       24.25       0.733
DA-7C                3.87        2.533       1.333       1.092       65.817      0.344
DA-7B                3.87        1.066       2.799       0.809       71.351      0.723
DA-1E                3.87        2.328       1.535       5.308       265.347     0.397
DA-1C_2              3.87        2.348       1.515       0.278       13.086      0.391
DA-1C_4              3.87        1.22        2.647       0.114       10.103      0.684
DA-1C_1              3.87        1.816       2.051       0.11        9.796       0.53
DA-1C_5              3.87        1.832       2.035       0.026       2.353       0.526
DA-1D_2              3.87        2.271       1.596       0.15        13.093      0.412
DA-1D_3              3.87        2.098       1.767       0.613       41.668      0.457
DA-1D_1              3.87        2.458       1.403       2.056       74.806      0.363


EPA STORM WATER MANAGEMENT MODEL - VERSION 5.1 (Build 5.1.015)
--------------------------------------------------------------

use plan elevations for BMPs

WARNING 04: minimum elevation drop used for Conduit C20
WARNING 03: negative offset ignored for Link C37
WARNING 03: negative offset ignored for Link C40
WARNING 02: maximum depth increased for Node 11194
WARNING 02: maximum depth increased for Node 12874
WARNING 02: maximum depth increased for Node 13426
WARNING 02: maximum depth increased for Node 14273
WARNING 02: maximum depth increased for Node 14274
WARNING 02: maximum depth increased for Node 15018
WARNING 02: maximum depth increased for Node 16375
WARNING 02: maximum depth increased for Node 16378
WARNING 02: maximum depth increased for Node 16456
WARNING 02: maximum depth increased for Node 16614
WARNING 02: maximum depth increased for Node 16616
WARNING 02: maximum depth increased for Node 16617
WARNING 02: maximum depth increased for Node 16618
WARNING 02: maximum depth increased for Node 16619
WARNING 02: maximum depth increased for Node 16620
WARNING 02: maximum depth increased for Node 16621
WARNING 02: maximum depth increased for Node 16622
WARNING 02: maximum depth increased for Node 16623
WARNING 02: maximum depth increased for Node 16624
WARNING 02: maximum depth increased for Node 19039
WARNING 02: maximum depth increased for Node 19041
WARNING 02: maximum depth increased for Node 19042
WARNING 02: maximum depth increased for Node 19043
WARNING 02: maximum depth increased for Node 19438
WARNING 02: maximum depth increased for Node 23252
WARNING 02: maximum depth increased for Node 23652
WARNING 02: maximum depth increased for Node 23653
WARNING 02: maximum depth increased for Node 25064
WARNING 02: maximum depth increased for Node 3170
WARNING 02: maximum depth increased for Node 3386
WARNING 02: maximum depth increased for Node 3909
WARNING 02: maximum depth increased for Node 51631
WARNING 02: maximum depth increased for Node 51632
WARNING 02: maximum depth increased for Node 51633
WARNING 02: maximum depth increased for Node 51637
WARNING 02: maximum depth increased for Node 51638
WARNING 02: maximum depth increased for Node 51639
WARNING 02: maximum depth increased for Node 51641
WARNING 02: maximum depth increased for Node 51642
WARNING 02: maximum depth increased for Node 51643
WARNING 02: maximum depth increased for Node 52031
WARNING 02: maximum depth increased for Node 52032
WARNING 02: maximum depth increased for Node 52033
WARNING 02: maximum depth increased for Node 52034
WARNING 02: maximum depth increased for Node 52035
WARNING 02: maximum depth increased for Node 52036
WARNING 02: maximum depth increased for Node 52038
WARNING 02: maximum depth increased for Node BMP02OUTLET
WARNING 02: maximum depth increased for Node D01
WARNING 02: maximum depth increased for Node D02
WARNING 02: maximum depth increased for Node D03
WARNING 02: maximum depth increased for Node J04
WARNING 02: maximum depth increased for Node J10
WARNING 02: maximum depth increased for Node J11
WARNING 02: maximum depth increased for Node J9
```

****
Element Count
****
Number of rain gages 4
Number of subcatchments ... 0
Number of nodes 89
Number of links 134
Number of pollutants 0
Number of land uses 0

****
Raingage Summary
****

Name	Data Source	Data Type	Recording Interval
100YR	100YR	CUMULATIVE	1 min.
10YR	10YR	CUMULATIVE	1 min.
25YR	25YR	CUMULATIVE	1 min.
2YR	2YR	CUMULATIVE	60 min.

****
Node Summary
****

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
11194	JUNCTION	1425.50	4.40	0.0	
1170	JUNCTION	1413.83	12.20	0.0	
12874	JUNCTION	1405.40	37.27	0.0	
13426	JUNCTION	1435.81	18.24	0.0	
14273	JUNCTION	1419.29	12.77	0.0	
14274	JUNCTION	1435.98	13.37	0.0	
14741	JUNCTION	1413.60	8.00	0.0	
15018	JUNCTION	1427.78	40.70	0.0	
16375	JUNCTION	1420.10	44.64	0.0	
16378	JUNCTION	1417.35	19.04	0.0	
16456	JUNCTION	1420.55	10.01	0.0	
16613	JUNCTION	1417.42	3.98	0.0	
16614	JUNCTION	1417.16	37.23	0.0	
16615	JUNCTION	1414.28	11.58	0.0	
16616	JUNCTION	1403.00	45.26	0.0	
16617	JUNCTION	1404.99	43.31	0.0	
16618	JUNCTION	1405.50	50.70	0.0	
16619	JUNCTION	1401.48	41.66	0.0	
16620	JUNCTION	1400.87	10.44	0.0	
16621	JUNCTION	1399.30	41.69	0.0	
16622	JUNCTION	1405.39	8.00	0.0	
16623	JUNCTION	1401.23	11.56	0.0	
16624	JUNCTION	1400.95	40.54	0.0	
16626	JUNCTION	1424.90	6.40	0.0	
19039	JUNCTION	1423.60	14.92	0.0	
19041	JUNCTION	1421.84	11.28	0.0	
19042	JUNCTION	1420.29	11.50	0.0	
19043	JUNCTION	1419.81	12.00	0.0	
19438	JUNCTION	1426.15	6.88	0.0	
23252	JUNCTION	1441.92	3.94	0.0	
23652	JUNCTION	1413.00	8.33	0.0	
23653	JUNCTION	1413.00	10.90	0.0	
25064	JUNCTION	1438.41	4.30	0.0	
3151	JUNCTION	1441.07	3.00	0.0	
3170	JUNCTION	1438.25	10.64	0.0	
3386	JUNCTION	1430.96	11.22	0.0	
3909	JUNCTION	1419.16	11.70	0.0	
3910	JUNCTION	1414.18	16.20	0.0	
51235	JUNCTION	1442.23	8.30	0.0	
51236	JUNCTION	1446.55	4.00	0.0	
51631	JUNCTION	1433.37	9.80	0.0	
51632	JUNCTION	1429.34	8.40	0.0	
51633	JUNCTION	1432.57	5.20	0.0	
51637	JUNCTION	1427.63	5.00	0.0	
51638	JUNCTION	1424.15	8.10	0.0	
51639	JUNCTION	1422.17	9.43	0.0	
51641	JUNCTION	1425.44	5.10	0.0	
51642	JUNCTION	1425.28	5.20	0.0	
51643	JUNCTION	1422.47	8.53	0.0	
52031	JUNCTION	1419.90	9.77	0.0	
52032	JUNCTION	1422.14	13.14	0.0	
52033	JUNCTION	1421.78	17.07	0.0	
52034	JUNCTION	1421.99	9.19	0.0	
52035	JUNCTION	1419.57	18.97	0.0	
52036	JUNCTION	1421.58	6.91	0.0	
52037	JUNCTION	1426.34	6.60	0.0	
52038	JUNCTION	1425.14	8.51	0.0	
BMP01OUTLET	JUNCTION	1417.50	8.50	0.0	
BMP02OUTLET	JUNCTION	1420.90	9.10	0.0	
D01	JUNCTION	1396.00	62.62	0.0	
D02	JUNCTION	1397.55	61.62	0.0	
D03	JUNCTION	1398.40	59.53	0.0	
D04	JUNCTION	1399.65	59.68	0.0	
D05	JUNCTION	1404.03	59.68	0.0	
D06	JUNCTION	1411.76	59.42	0.0	
J03	JUNCTION	1411.90	2.00	0.0	
J04	JUNCTION	1407.00	34.97	0.0	
J05	JUNCTION	1425.70	3.91	0.0	
J06	JUNCTION	1428.38	14.20	0.0	
J07	JUNCTION	1439.06	4.10	0.0	
J08	JUNCTION	1414.93	34.97	0.0	
J09	JUNCTION	1413.96	11.43	0.0	
J1	JUNCTION	1412.25	33.27	0.0	
J10	JUNCTION	1392.00	28.53	0.0	
J11	JUNCTION	1442.58	14.38	0.0	
J12	JUNCTION	1429.04	32.53	0.0	
J13	JUNCTION	1466.77	8.76	0.0	
J2	JUNCTION	1447.49	18.24	0.0	
J3	JUNCTION	1434.64	37.23	0.0	
J4	JUNCTION	1447.50	3.94	0.0	
J5	JUNCTION	1445.18	13.37	0.0	
J6	JUNCTION	1423.08	35.51	0.0	
J7	JUNCTION	1406.63	59.42	0.0	
J8	JUNCTION	1387.59	22.26	0.0	
J9	JUNCTION	1386.60	28.53	0.0	
RO1	JUNCTION	1422.14	0.91	0.0	
OF1	OUTFALL	1384.00	22.26	0.0	
SU1	STORAGE	1417.50	9.00	0.0	
SU2	STORAGE	1421.00	8.00	0.0	

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Link Summary
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Name	From Node	To Node	Type	Length	%Slope	Roughness
26126	D01	J10	CONDUIT	287.4	1.3921	0.0130
29037	19042	19043	CONDUIT	80.2	0.5737	0.0130
29038	19043	14273	CONDUIT	37.4	1.3921	0.0130
29039	3170	14274	CONDUIT	91.8	2.4729	0.0130
29040	14274	3386	CONDUIT	210.1	2.3902	0.0130
30304	3386	19039	CONDUIT	223.1	3.3005	0.0130
30306_1	19039	19041	CONDUIT	123.2	1.3478	0.0130
30306_2	19041	14273	CONDUIT	110.6	1.4021	0.0130
33414	16375	3909	CONDUIT	51.0	1.7650	0.0130
33415	3909	3910	CONDUIT	75.0	6.6547	0.0130
33421	16378	3910	CONDUIT	482.1	0.6575	0.0130
33422	14273	16378	CONDUIT	380.4	0.5100	0.0130
33570	16456	16375	CONDUIT	43.0	0.8140	0.0130
33571	BMP02OUTLET	16456	CONDUIT	31.0	0.8065	0.0110
34005	16613	16614	CONDUIT	52.6	0.4942	0.0130
34006	16615	14741	CONDUIT	53.8	1.2635	0.0130
34007	16614	16615	CONDUIT	37.2	7.7722	0.0130
34008	J04	16616	CONDUIT	49.7	8.0815	0.0130
34009	14741	16616	CONDUIT	290.8	3.6476	0.0130
34010	16617	16616	CONDUIT	113.3	1.7564	0.0130
34011	16618	16617	CONDUIT	65.5	0.7784	0.0110
34012	16616	16619	CONDUIT	160.1	0.9492	0.0130
34013	16619	16620	CONDUIT	93.1	0.5476	0.0130
34014	16621	D03	CONDUIT	162.0	0.5556	0.0130
34015	16620	16621	CONDUIT	38.0	3.8713	0.0130
34016	12874	16623	CONDUIT	65.0	4.8827	0.0130
34017	16622	16623	CONDUIT	82.0	3.5510	0.0130
34018	16624	16621	CONDUIT	174.0	0.1839	0.0130
34019	16623	16624	CONDUIT	37.0	0.4865	0.0130
34026	J07	J06	CONDUIT	12.3	0.4978	0.0130
34027	11194	16626	CONDUIT	82.0	0.4878	0.0130
34028	16626	J03	CONDUIT	117.0	11.1803	0.0130
34066	3910	1170	CONDUIT	53.0	0.6604	0.0240
76613	51236	51235	CONDUIT	76.8	5.5024	0.0130
77008	51631	51632	CONDUIT	249.5	1.5751	0.0130
77010	25064	3170	CONDUIT	20.1	0.3979	0.0130
77012	23252	25064	CONDUIT	20.7	17.2267	0.0100
77013	51633	51632	CONDUIT	73.5	0.9937	0.0130
77014	51632	51638	CONDUIT	299.8	1.6978	0.0130
77409	51235	51631	CONDUIT	198.2	4.4239	0.0130
77808	51637	51638	CONDUIT	81.1	4.1702	0.0100
77809	51641	51642	CONDUIT	34.6	0.4624	0.0130
77810	51642	51643	CONDUIT	26.0	4.6189	0.0130
77811	51643	19042	CONDUIT	41.7	4.7330	0.0130
77812	51638	51639	CONDUIT	330.8	0.5684	0.0130
77814	51639	52031	CONDUIT	326.7	0.6948	0.0130
78208	52031	52035	CONDUIT	46.0	0.5000	0.0130
78209	52035	SU1	CONDUIT	34.0	1.6767	0.0130
78210	52032	52033	CONDUIT	46.0	0.5652	0.0130
78211	52034	52033	CONDUIT	55.0	0.2000	0.0130
78212	52033	52035	CONDUIT	81.0	0.9630	0.0130
78213	BMP01OUTLET	23652	CONDUIT	133.0	3.3854	0.0110
78214	1170	23653	CONDUIT	46.0	1.8046	0.0130
78215	52037	19438	CONDUIT	12.0	1.5835	0.0130
78216	19438	52038	CONDUIT	61.0	1.4920	0.0130
78217	52036	52035	CONDUIT	44.0	4.3450	0.0130
78218	52038	52036	CONDUIT	234.0	1.4788	0.0130
86624_1	J06	J05	CONDUIT	52.8	5.0848	0.0130
86624_2	J05	11194	CONDUIT	3.9	5.0840	0.0130
86628	3151	J07	CONDUIT	33.6	5.8762	0.0130
C1	J08	J04	CONDUIT	66.4	12.0378	0.0350
C10	23653	D06	CONDUIT	36.4	3.4102	0.0400
C11	52038	RO1	CONDUIT	144.6	7.4870	0.0200
C12	11194	J03	CONDUIT	199.8	8.5413	0.0350
C13	J11	3170	CONDUIT	208.9	2.0733	0.0130

C13_1	3909	RO1	CONDUIT	200.7	3.8943	0.0200
C13_2	RO1	J7	CONDUIT	214.5	7.2500	0.0200
C14	52031	52035	CONDUIT	48.3	0.2689	0.0200
C15	52034	52033	CONDUIT	62.2	0.3377	0.0200
C16	51631	3170	CONDUIT	33.6	1.5472	0.0200
C17	12874	16624	CONDUIT	78.8	0.9896	0.0200
C18	16624	16621	CONDUIT	199.1	-0.2060	0.0200
C19	23252	3170	CONDUIT	38.4	5.9338	0.0200
C2	16621	D05	CONDUIT	63.9	7.8435	0.0350
C20	16623	16624	CONDUIT	41.7	0.0024	0.0200
C21	16622	J7	CONDUIT	71.2	6.8785	0.0200
C21_1	J09	J1	CONDUIT	166.7	1.0275	0.0350
C21_2	J1	12874	CONDUIT	92.7	3.0721	0.0350
C22	16618	16616	CONDUIT	176.1	4.5125	0.0350
C22_1	J12	J6	CONDUIT	299.3	0.9950	0.0200
C23	16616	16619	CONDUIT	161.0	0.5652	0.0200
C24	16619	16621	CONDUIT	112.4	0.1958	0.0200
C25	16617	16616	CONDUIT	114.4	0.0350	0.0350
C25_1	3170	J12	CONDUIT	622.9	1.2852	0.0200
C26	52032	52033	CONDUIT	49.2	0.7319	0.0200
C27	52033	52035	CONDUIT	84.3	0.3676	0.0200
C28	52036	52035	CONDUIT	47.9	0.4382	0.0200
C29	25064	3170	CONDUIT	20.7	0.2898	0.0200
C3	BMP02OUTLET	SU2	CONDUIT	35.4	20.1433	0.0100
C30	19438	RO1	CONDUIT	138.1	7.5191	0.0200
C31	16456	52036	CONDUIT	185.1	1.1181	0.0200
C32	51632	51638	CONDUIT	300.8	1.8256	0.0200
C33	52036	SU1	CONDUIT	63.3	14.0034	0.0350
C34	51637	51638	CONDUIT	86.3	0.4405	0.0200
C35	16378	52032	CONDUIT	200.4	0.5528	0.0200
C35_1	51639	J6	CONDUIT	151.3	3.4965	0.0330
C35_2	J6	J09	CONDUIT	381.8	2.3903	0.0350
C36	15018	16375	CONDUIT	288.5	2.6282	0.0130
C37	J3	16614	CONDUIT	106.7	16.6085	0.0200
C38	J2	13426	CONDUIT	412.9	2.8297	0.0350
C39	15018	16375	CONDUIT	189.8	1.9709	0.0200
C4	J10	J9	CONDUIT	266.6	2.0260	0.0450
C40	J4	23252	CONDUIT	216.8	2.5732	0.0350
C41	14274	3386	CONDUIT	217.4	2.4544	0.0200
C42	3386	19039	CONDUIT	226.9	1.6136	0.0200
C43	19039	19041	CONDUIT	129.3	1.8556	0.0200
C44	19042	51643	CONDUIT	50.0	1.5809	0.0100
C45	J5	14274	CONDUIT	160.9	5.7239	0.0330
C46	19041	14273	CONDUIT	117.6	0.9041	0.0200
C47	51633	51632	CONDUIT	80.2	0.0374	0.0200
C48	51641	51642	CONDUIT	38.7	0.1549	0.0200
C49	51642	51643	CONDUIT	33.6	4.4939	0.0200
C5	13426	15018	CONDUIT	218.5	2.7608	0.0130
C50	19043	14273	CONDUIT	41.7	1.8044	0.0200
C51	51643	J12	CONDUIT	76.9	0.5985	0.0200
C52	J13	J11	CONDUIT	279.7	6.6519	0.0200
C6	J03	D04	CONDUIT	34.5	37.9813	0.0800
C7	J8	OF1	CONDUIT	305.6	1.1763	0.0450
C8	16620	16621	CONDUIT	42.3	0.6621	0.0350
C9	23652	D06	CONDUIT	32.3	3.8479	0.0400
C999	14273	51639	CONDUIT	236.3	0.9260	0.0350
DT01	D02	D01	CONDUIT	27.3	2.0086	0.0450
DT02	D03	D02	CONDUIT	42.5	2.0064	0.0450
DT03	D04	D03	CONDUIT	58.6	2.1275	0.0450
DT04	D05	D04	CONDUIT	157.9	2.7802	0.0450
DT05_1	D06	J7	CONDUIT	118.9	4.3155	0.0450
DT05_2	J7	D05	CONDUIT	159.1	1.6329	0.0450
OR1	SU2	BMP02OUTLET	ORIFICE			
OR2	SU2	BMP02OUTLET	ORIFICE			
OR3	SU1	BMP01OUTLET	ORIFICE			
OR4	SU1	BMP01OUTLET	ORIFICE			
OR5	J9	J8	ORIFICE			
W1	SU2	52034	WEIR			
W2	SU1	J09	WEIR			

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Cross Section Summary
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Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
26126	RECT_CLOSED	6.00	60.00	1.88	10.00	1	1230.46
29037	CIRCULAR	1.25	1.23	0.31	1.25	1	4.89
29038	CIRCULAR	1.25	1.23	0.31	1.25	1	7.62
29039	CIRCULAR	2.25	3.98	0.56	2.25	1	48.70
29040	CIRCULAR	3.00	7.07	0.75	3.00	1	103.12
30304	CIRCULAR	3.00	7.07	0.75	3.00	1	121.17
30306_1	CIRCULAR	3.50	9.62	0.88	3.50	1	116.80
30306_2	CIRCULAR	3.50	9.62	0.88	3.50	1	119.13
33414	CIRCULAR	3.00	7.07	0.75	3.00	1	88.61
33415	CIRCULAR	3.00	7.07	0.75	3.00	1	172.06
33421	CIRCULAR	4.50	15.90	1.13	4.50	1	159.46
33422	CIRCULAR	4.50	15.90	1.13	4.50	1	140.43
33570	CIRCULAR	2.00	3.14	0.50	2.00	1	20.41
33571	CIRCULAR	2.00	3.14	0.50	2.00	1	24.01
34005	CIRCULAR	1.25	1.23	0.31	1.25	1	4.54
34006	CIRCULAR	1.50	1.77	0.38	1.50	1	11.81
34007	CIRCULAR	1.25	1.23	0.31	1.25	1	18.01
34008	CIRCULAR	2.50	4.91	0.63	2.50	1	116.60
34009	CIRCULAR	1.50	1.77	0.38	1.50	1	20.06
34010	CIRCULAR	1.25	1.23	0.31	1.25	1	8.56
34011	CIRCULAR	1.25	1.23	0.31	1.25	1	6.74
34012	CIRCULAR	3.00	7.07	0.75	3.00	1	64.98
34013	CIRCULAR	3.00	7.07	0.75	3.00	1	49.36
34014	CIRCULAR	3.00	7.07	0.75	3.00	1	49.71
34015	CIRCULAR	3.00	7.07	0.75	3.00	1	131.23
34016	CIRCULAR	1.50	1.77	0.38	1.50	1	23.21
34017	CIRCULAR	1.25	1.23	0.31	1.25	1	12.17
34018	CIRCULAR	2.50	4.91	0.63	2.50	1	17.59
34019	CIRCULAR	2.50	4.91	0.63	2.50	1	28.61
34026	CIRCULAR	2.00	3.14	0.50	2.00	1	15.96
34027	CIRCULAR	2.00	3.14	0.50	2.00	1	15.80
34028	CIRCULAR	2.00	3.14	0.50	2.00	1	75.64
34066	CIRCULAR	5.00	19.63	1.25	5.00	1	114.64
76613	CIRCULAR	1.25	1.23	0.31	1.25	1	15.15
77008	CIRCULAR	2.00	3.14	0.50	2.00	1	28.39
77010	CIRCULAR	2.00	3.14	0.50	2.00	1	14.27
77012	CIRCULAR	2.00	3.14	0.50	2.00	1	122.06
77013	CIRCULAR	1.25	1.23	0.31	1.25	1	6.44
77014	CIRCULAR	2.00	3.14	0.50	2.00	1	29.48
77409	CIRCULAR	1.50	1.77	0.38	1.50	1	22.09
77808	CIRCULAR	1.25	1.23	0.31	1.25	1	17.15
77809	CIRCULAR	1.25	1.23	0.31	1.25	1	4.39
77810	CIRCULAR	1.25	1.23	0.31	1.25	1	13.88
77811	CIRCULAR	1.25	1.23	0.31	1.25	1	14.05
77812	CIRCULAR	2.50	4.91	0.63	2.50	1	30.92
77814	CIRCULAR	2.50	4.91	0.63	2.50	1	34.19
78208	CIRCULAR	2.50	4.91	0.63	2.50	1	29.00
78209	CIRCULAR	2.50	4.91	0.63	2.50	1	53.11
78210	CIRCULAR	1.25	1.23	0.31	1.25	1	4.86
78211	CIRCULAR	1.25	1.23	0.31	1.25	1	2.89
78212	CIRCULAR	1.25	1.23	0.31	1.25	1	6.34
78213	CIRCULAR	3.00	7.07	0.75	3.00	1	145.03
78214	CIRCULAR	5.00	19.63	1.25	5.00	1	349.87
78215	CIRCULAR	1.25	1.23	0.31	1.25	1	8.13
78216	CIRCULAR	1.25	1.23	0.31	1.25	1	7.89
78217	CIRCULAR	2.00	3.14	0.50	2.00	1	47.16
78218	CIRCULAR	1.50	1.77	0.38	1.50	1	12.77
86624_1	CIRCULAR	2.00	3.14	0.50	2.00	1	51.01
86624_2	CIRCULAR	2.00	3.14	0.50	2.00	1	51.01
86628	CIRCULAR	2.00	3.14	0.50	2.00	1	54.84
C1	C1	34.97	1854.93	10.46	82.35	1	130689.38
C10	C10	10.90	555.89	6.76	82.53	1	13634.43
C11	C11	0.71	22.87	0.48	47.85	1	283.47
C12	RECT_OPEN	1.00	10.00	1.00	10.00	1	124.08
C13	CIRCULAR	1.75	2.41	0.44	1.75	1	22.82
C13_1	C13_1	0.91	38.82	0.64	60.76	1	421.11
C13_2	C13_2	0.19	6.03	0.12	51.19	1	28.92
C14	C14	3.47	309.53	2.77	110.55	1	2352.49
C15	C15	5.09	295.16	4.26	69.00	1	3348.99
C16	RECT_OPEN	1.00	20.00	1.00	20.00	1	184.84
C17	C17	32.87	6962.29	14.05	251.68	1	299680.29
C18	C18	31.85	8046.20	23.01	301.76	1	219474.00
C19	RECT_OPEN	1.00	20.00	1.00	20.00	1	361.98
C2	C2	1.85	156.60	0.78	200.72	1	1573.26
C20	C20	4.17	474.37	3.17	147.12	1	372.00
C21	C21	1.87	62.90	1.26	50.31	1	1426.24
C21_1	C21_1	11.43	2641.30	5.24	318.64	1	34303.43
C21_2	C21_2	33.27	2986.60	17.58	114.52	1	150240.77
C22	C22	38.10	8782.21	20.48	286.71	1	592956.07
C22_1	C22_1	32.53	4184.92	16.92	163.38	1	204428.19
C23	C23	33.89	3823.94	12.74	147.59	1	116530.75
C24	C24	31.96	4441.47	16.49	163.59	1	94583.38
C25	C22	38.10	8782.21	20.48	286.71	1	52200.84
C25_1	C25_1	7.24	1603.84	5.79	275.42	1	43576.57
C26	C26	0.95	19.17	0.45	42.12	1	71.16
C27	C27	12.47	8757.27	11.02	782.10	1	195336.38
C28	C28	1.14	32.39	0.47	68.23	1	96.65
C29	RECT_OPEN	1.00	20.00	1.00	20.00	1	80.00
C3	RECT_OPEN	2.00	20.00	2.00	10.00	1	2117.39
C30	C30	0.53	11.90	0.35	33.42	1	120.49
C31	C31	2.21	145.90	1.54	92.89	1	1526.36
C32	RECT_OPEN	1.00	20.00	1.00	20.00	1	200.78
C33	RECT_OPEN	1.00	10.00	1.00	10.00	1	158.88
C34	RECT_OPEN	1.00	20.00	1.00	20.00	1	98.63
C35	C35	9.04	892.81	6.52	128.45	1	17206.93
C35_1	C35_1	3.23	271.96	2.34	120.73	1	4037.27
C35_2	C35_2	11.10	2396.05	4.88	320.40	1	45275.57
C36	CIRCULAR	3.00	7.07	0.75	3.00	1	108.13
C37	C37	37.23	4038.41	15.51	138.90	1	760452.52
C38	C38	18.24	2174.72	11.18	222.49	1	77647.07
C39	C39	35.03	3790.90	24.12	132.99	1	330062.23
C4	C4	28.53	4638.39	17.25	282.94	1	145553.80
C40	C40	3.94	374.14	2.62	142.07	1	4840.71
C41	RECT_OPEN	1.00	20.00	1.00	20.00	1	232.81
C42	RECT_OPEN	5.00	100.00	5.00	20.00	1	2759.73
C43	RECT_OPEN	2.00	40.00	2.00	20.00	1	642.65
C44	RECT_OPEN	1.00	20.00	1.00	20.00	1	373.68
C45	C45	13.37	1889.08	7.39	250.43	1	77180.11
C46	RECT_OPEN	2.00	60.00	2.00	30.00	1	672.88
C47	RECT_OPEN	1.00	20.00	1.00	20.00	1	28.74
C48	RECT_OPEN	1.00	20.00	1.00	20.00	1	58.48
C49	RECT_OPEN	1.00	20.00	1.00	20.00	1	315.01
C5	CIRCULAR	3.00	7.07	0.75	3.00	1	110.82

C50	RECT_OPEN	1.00	20.00	1.00	20.00	1	199.61
C51	RECT_OPEN	1.00	20.00	1.00	20.00	1	114.96
C52	C52	8.76	1057.10	4.91	170.39	1	58507.84
C6	RECT_OPEN	1.00	10.00	1.00	10.00	1	114.48
C7	C7	22.26	3186.92	7.10	212.90	1	42145.74
C8	RECT_OPEN	2.00	40.00	2.00	20.00	1	219.35
C9	C9	8.33	481.18	4.44	99.46	1	9471.00
C999	RECT_OPEN	2.00	60.00	2.00	30.00	1	389.13
DT01	DT01	61.62	14305.93	13.22	427.19	1	374329.56
DT02	DT02	59.53	12882.08	14.20	391.51	1	353335.62
DT03	DT03	59.24	11754.29	14.98	339.83	1	344104.62
DT04	DT04	59.68	8971.62	18.10	236.16	1	340536.12
DT05_1	DT05	59.42	5772.85	15.88	175.25	1	250161.79
DT05_2	DT05-2	59.42	5772.85	15.88	175.25	1	153881.42

****
Transect Summary
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Transect C1
Area:

0.0047	0.0159	0.0296	0.0445	0.0606
0.0777	0.0963	0.1158	0.1352	0.1547
0.1743	0.1939	0.2135	0.2332	0.2529
0.2726	0.2923	0.3121	0.3318	0.3516
0.3714	0.3913	0.4111	0.4310	0.4509
0.4708	0.4908	0.5107	0.5307	0.5507
0.5707	0.5908	0.6108	0.6309	0.6510
0.6712	0.6913	0.7115	0.7317	0.7519
0.7721	0.7924	0.8126	0.8329	0.8539
0.8802	0.9101	0.9400	0.9699	1.0000

Hrad:

0.0436	0.0716	0.1053	0.1374	0.1682
0.1967	0.2210	0.2498	0.2785	0.3067
0.3345	0.3616	0.3880	0.4139	0.4392
0.4639	0.4880	0.5116	0.5347	0.5573
0.5795	0.6013	0.6226	0.6435	0.6641
0.6844	0.7043	0.7239	0.7432	0.7622
0.7809	0.7994	0.8176	0.8356	0.8533
0.8709	0.8882	0.9053	0.9223	0.9390
0.9556	0.9720	0.9882	1.0043	0.9839
0.9498	0.9647	0.9805	0.9965	1.0000

Width:

0.2571	0.4260	0.4606	0.5008	0.5330
0.5699	0.6249	0.6262	0.6275	0.6289
0.6302	0.6315	0.6328	0.6337	0.6344
0.6351	0.6358	0.6364	0.6371	0.6378
0.6384	0.6391	0.6398	0.6405	0.6411
0.6418	0.6425	0.6431	0.6438	0.6445
0.6451	0.6458	0.6465	0.6472	0.6478
0.6485	0.6492	0.6498	0.6505	0.6512
0.6519	0.6525	0.6532	0.6539	0.7590
0.9601	0.9628	0.9631	0.9634	1.0000

Transect C10
Area:

0.0040	0.0113	0.0197	0.0288	0.0386
0.0490	0.0597	0.0709	0.0824	0.0943
0.1065	0.1191	0.1321	0.1454	0.1591
0.1731	0.1876	0.2025	0.2178	0.2336
0.2499	0.2668	0.2843	0.3023	0.3210
0.3403	0.3603	0.3810	0.4024	0.4245
0.4473	0.4710	0.4954	0.5206	0.5465
0.5733	0.6010	0.6297	0.6591	0.6889
0.7189	0.7491	0.7796	0.8103	0.8413
0.8725	0.9040	0.9357	0.9678	1.0000

Hrad:

0.0203	0.0456	0.0712	0.0970	0.1218
0.1477	0.1727	0.1970	0.2217	0.2454
0.2684	0.2912	0.3137	0.3352	0.3559
0.3763	0.3964	0.4149	0.4396	0.4690
0.4972	0.5242	0.5500	0.5747	0.5983
0.6207	0.6419	0.6623	0.6818	0.7004
0.7178	0.7345	0.7506	0.7661	0.7809
0.7946	0.8076	0.8197	0.8330	0.8474
0.8621	0.8769	0.8919	0.9072	0.9226
0.9382	0.9534	0.9688	0.9844	1.0000

Width:

0.1963	0.2443	0.2729	0.2934	0.3123
0.3255	0.3383	0.3509	0.3614	0.3726
0.3840	0.3948	0.4054	0.4168	0.4287
0.4407	0.4525	0.4661	0.4805	0.4973
0.5134	0.5300	0.5489	0.5665	0.5852
0.6073	0.6294	0.6498	0.6708	0.6938
0.7202	0.7426	0.7661	0.7886	0.8129
0.8415	0.8700	0.9008	0.9156	0.9226
0.9297	0.9376	0.9461	0.9534	0.9606
0.9677	0.9769	0.9853	0.9925	1.0000

Transect C11
Area:

0.0013	0.0052	0.0107	0.0175	0.0272
0.0400	0.0534	0.0672	0.0814	0.0960
0.1110	0.1263	0.1421	0.1581	0.1747
0.1915	0.2085	0.2258	0.2435	0.2617
0.2804	0.2995	0.3192	0.3393	0.3599
0.3809	0.4022	0.4236	0.4455	0.4680
0.4910	0.5144	0.5383	0.5628	0.5878
0.6132	0.6389	0.6650	0.6915	0.7182
0.7451	0.7723	0.7998	0.8276	0.8557
0.8840	0.9126	0.9414	0.9706	1.0000

Hrad:

0.0144	0.0313	0.0536	0.0665	0.0784
0.0895	0.1163	0.1420	0.1676	0.1928
0.2162	0.2402	0.2646	0.2869	0.3097
0.3348	0.3595	0.3815	0.4018	0.4197
0.4387	0.4572	0.4752	0.4929	0.5093
0.5331	0.5571	0.5797	0.5946	0.6070
0.6268	0.6437	0.6578	0.6739	0.6886
0.7093	0.7296	0.7479	0.7689	0.7921
0.8151	0.8355	0.8548	0.8762	0.8979
0.9193	0.9402	0.9610	0.9806	1.0000

Width:

0.0977	0.1665	0.2038	0.2734	0.3890
0.4473	0.4596	0.4736	0.4861	0.4979
0.5133	0.5260	0.5370	0.5512	0.5640
0.5720	0.5800	0.5920	0.6062	0.6236
0.6391	0.6552	0.6717	0.6883	0.7067
0.7145	0.7219	0.7308	0.7493	0.7711
0.7835	0.7992	0.8184	0.8351	0.8536
0.8646	0.8757	0.8892	0.8994	0.9068
0.9142	0.9243	0.9357	0.9446	0.9530
0.9616	0.9706	0.9796	0.9898	1.0000

Transect C13_1
Area:

0.0008	0.0028	0.0058	0.0097	0.0147
0.0205	0.0273	0.0352	0.0442	0.0543
0.0661	0.0820	0.1011	0.1204	0.1401
0.1603	0.1807	0.2016	0.2229	0.2444
0.2661	0.2882	0.3105	0.3332	0.3561
0.3792	0.4027	0.4264	0.4503	0.4745
0.4989	0.5234	0.5482	0.5731	0.5983
0.6236	0.6492	0.6750	0.7010	0.7272
0.7537	0.7802	0.8070	0.8340	0.8611
0.8884	0.9160	0.9438	0.9717	1.0000

Hrad:

0.0169	0.0312	0.0478	0.0614	0.0773
0.0926	0.1056	0.1186	0.1316	0.1426
0.1484	0.1235	0.1494	0.1754	0.1996
0.2242	0.2482	0.2717	0.2955	0.3207
0.3456	0.3682	0.3918	0.4156	0.4388
0.4618	0.4848	0.5080	0.5315	0.5551
0.5790	0.6027	0.6263	0.6498	0.6727
0.6951	0.7174	0.7396	0.7619	0.7846
0.8072	0.8301	0.8530	0.8755	0.8974
0.9193	0.9404	0.9613	0.9809	1.0000

Width:

0.0483	0.0890	0.1211	0.1581	0.1899
0.2215	0.2585	0.2969	0.3358	0.3808
0.4626	0.6641	0.6768	0.6867	0.7021
0.7149	0.7283	0.7420	0.7543	0.7621
0.7702	0.7827	0.7926	0.8017	0.8115
0.8213	0.8307	0.8394	0.8474	0.8549
0.8617	0.8685	0.8753	0.8821	0.8894
0.8972	0.9050	0.9127	0.9201	0.9269
0.9337	0.9400	0.9462	0.9526	0.9595
0.9665	0.9741	0.9817	0.9907	1.0000

Transect C13_2
Area:

0.0009	0.0029	0.0071	0.0150	0.0252
0.0367	0.0495	0.0627	0.0768	0.0913
0.1060	0.1210	0.1366	0.1531	0.1699
0.1869	0.2041	0.2219	0.2405	0.2593
0.2784	0.2978	0.3174	0.3373	0.3574
0.3779	0.3987	0.4198	0.4413	0.4633
0.4862	0.5100	0.5345	0.5593	0.5843
0.6097	0.6353	0.6612	0.6874	0.7137
0.7407	0.7679	0.7954	0.8230	0.8507
0.8788	0.9075	0.9375	0.9685	1.0000

Hrad:

0.0237	0.0378	0.0494	0.0599	0.0758
0.1004	0.1209	0.1434	0.1710	0.1987
0.2268	0.2528	0.2643	0.2922	0.3197
0.3468	0.3729	0.3863	0.4079	0.4341
0.4599	0.4855	0.5109	0.5352	0.5586
0.5817	0.6047	0.6264	0.6465	0.6663
0.6848	0.7022	0.7226	0.7458	0.7688
0.7918	0.8147	0.8386	0.8653	0.8908
0.9160	0.9417	0.9675	0.9931	1.0169
1.0395	1.0613	1.0765	1.0643	1.0000

Width:

0.0423	0.0878	0.1933	0.2930	0.3444
0.3905	0.4097	0.4379	0.4498	0.4599
0.4680	0.4791	0.5174	0.5248	0.5322
0.5395	0.5481	0.5753	0.5903	0.5982
0.6062	0.6141	0.6221	0.6310	0.6407

0.6505	0.6602	0.6710	0.6835	0.7073
0.7392	0.7623	0.7758	0.7851	0.7943
0.8036	0.8128	0.8210	0.8265	0.8413
0.8552	0.8610	0.8669	0.8727	0.8800
0.8881	0.9325	0.9651	0.9852	1.0000

Transect C14
Area:

0.0025	0.0076	0.0162	0.0274	0.0398
0.0531	0.0674	0.0827	0.0987	0.1153
0.1324	0.1500	0.1682	0.1872	0.2066
0.2263	0.2466	0.2678	0.2892	0.3108
0.3325	0.3543	0.3762	0.3981	0.4202
0.4423	0.4646	0.4869	0.5093	0.5319
0.5545	0.5772	0.5999	0.6228	0.6457
0.6687	0.6918	0.7149	0.7382	0.7615
0.7849	0.8084	0.8320	0.8556	0.8793
0.9032	0.9271	0.9512	0.9755	1.0000

Hrad:

0.0160	0.0289	0.0392	0.0575	0.0770
0.0959	0.1135	0.1314	0.1512	0.1704
0.1903	0.2099	0.2248	0.2428	0.2636
0.2845	0.3032	0.3130	0.3353	0.3581
0.3809	0.4038	0.4271	0.4503	0.4733
0.4960	0.5186	0.5411	0.5636	0.5862
0.6086	0.6310	0.6534	0.6759	0.6983
0.7206	0.7428	0.7646	0.7863	0.8079
0.8297	0.8519	0.8741	0.8962	0.9167
0.9370	0.9567	0.9757	0.9932	1.0000

Width:

0.1561	0.2648	0.4156	0.4793	0.5200
0.5572	0.5975	0.6333	0.6571	0.6809
0.7002	0.7191	0.7529	0.7755	0.7883
0.7999	0.8465	0.8602	0.8671	0.8723
0.8771	0.8815	0.8847	0.8879	0.8913
0.8951	0.8989	0.9028	0.9064	0.9098
0.9133	0.9167	0.9199	0.9230	0.9261
0.9291	0.9322	0.9357	0.9392	0.9427
0.9460	0.9489	0.9518	0.9546	0.9592
0.9638	0.9690	0.9748	0.9820	1.0000

Transect C15
Area:

0.0040	0.0099	0.0171	0.0253	0.0347
0.0470	0.0609	0.0779	0.0980	0.1185
0.1391	0.1598	0.1806	0.2015	0.2225
0.2435	0.2646	0.2858	0.3070	0.3283
0.3496	0.3711	0.3925	0.4141	0.4356
0.4573	0.4790	0.5008	0.5226	0.5445
0.5665	0.5886	0.6107	0.6329	0.6551
0.6775	0.6999	0.7224	0.7450	0.7677
0.7905	0.8133	0.8363	0.8593	0.8825
0.9058	0.9291	0.9526	0.9763	1.0000

Hrad:

0.0184	0.0355	0.0521	0.0686	0.0779
0.0843	0.1011	0.1127	0.1144	0.1372
0.1601	0.1829	0.2057	0.2284	0.2510
0.2736	0.2961	0.3185	0.3409	0.3633
0.3856	0.4078	0.4300	0.4521	0.4742
0.4962	0.5181	0.5400	0.5618	0.5835
0.6052	0.6268	0.6483	0.6697	0.6910
0.7123	0.7335	0.7546	0.7757	0.7966
0.8175	0.8382	0.8588	0.8794	0.8998
0.9201	0.9403	0.9603	0.9802	1.0000

Width:

0.2158	0.2776	0.3248	0.3648	0.4407
0.5513	0.6375	0.7959	0.8570	0.8629
0.8682	0.8720	0.8753	0.8787	0.8820
0.8851	0.8876	0.8902	0.8927	0.8953
0.8979	0.9004	0.9029	0.9055	0.9080
0.9105	0.9130	0.9159	0.9187	0.9216
0.9244	0.9273	0.9305	0.9337	0.9369
0.9401	0.9434	0.9470	0.9506	0.9542
0.9580	0.9621	0.9662	0.9703	0.9748
0.9795	0.9841	0.9893	0.9946	1.0000

Transect C17
Area:

0.0037	0.0105	0.0201	0.0321	0.0465
0.0617	0.0774	0.0937	0.1106	0.1280
0.1458	0.1640	0.1825	0.2014	0.2207
0.2402	0.2600	0.2801	0.3005	0.3213
0.3424	0.3637	0.3856	0.4081	0.4308
0.4535	0.4763	0.4990	0.5217	0.5444
0.5672	0.5899	0.6126	0.6354	0.6581
0.6809	0.7036	0.7264	0.7491	0.7719
0.7947	0.8175	0.8402	0.8630	0.8858
0.9087	0.9315	0.9543	0.9771	1.0000

Hrad:

0.0320	0.0631	0.0841	0.1021	0.1202
0.1418	0.1634	0.1848	0.2054	0.2267
0.2483	0.2689	0.2894	0.3102	0.3306
0.3510	0.3708	0.3903	0.4096	0.4286
0.4473	0.4654	0.4799	0.4941	0.5153
0.5364	0.5575	0.5785	0.5994	0.6202

0.6409	0.6615	0.6821	0.7025	0.7228
0.7430	0.7631	0.7831	0.8030	0.8228
0.8425	0.8621	0.8816	0.9010	0.9202
0.9394	0.9585	0.9774	0.9963	1.0000

Width:

0.2433	0.3383	0.4540	0.5593	0.6285
0.6511	0.6747	0.6974	0.7233	0.7413
0.7554	0.7729	0.7890	0.8019	0.8150
0.8272	0.8402	0.8537	0.8665	0.8795
0.8927	0.9070	0.9316	0.9559	0.9560
0.9561	0.9562	0.9563	0.9565	0.9566
0.9567	0.9568	0.9569	0.9570	0.9572
0.9573	0.9574	0.9575	0.9577	0.9580
0.9584	0.9587	0.9591	0.9594	0.9598
0.9601	0.9605	0.9609	0.9612	1.0000

Transect C18
Area:

0.0048	0.0153	0.0280	0.0418	0.0567
0.0722	0.0886	0.1058	0.1242	0.1430
0.1623	0.1821	0.2023	0.2229	0.2439
0.2653	0.2868	0.3083	0.3299	0.3514
0.3729	0.3945	0.4160	0.4376	0.4591
0.4807	0.5022	0.5238	0.5454	0.5669
0.5885	0.6101	0.6317	0.6532	0.6748
0.6964	0.7180	0.7396	0.7612	0.7828
0.8044	0.8260	0.8476	0.8692	0.8909
0.9125	0.9342	0.9558	0.9775	1.0000

Hrad:

0.0131	0.0286	0.0469	0.0630	0.0803
0.0989	0.1149	0.1282	0.1460	0.1645
0.1828	0.2005	0.2191	0.2377	0.2552
0.2738	0.2966	0.3194	0.3421	0.3648
0.3875	0.4101	0.4327	0.4553	0.4778
0.5003	0.5228	0.5452	0.5676	0.5900
0.6123	0.6346	0.6569	0.6791	0.7013
0.7235	0.7456	0.7678	0.7898	0.8119
0.8339	0.8559	0.8778	0.8997	0.9216
0.9435	0.9653	0.9871	1.0089	1.0000

Width:

0.3556	0.5156	0.5505	0.6031	0.6402
0.6639	0.7009	0.7521	0.7780	0.7980
0.8179	0.8386	0.8547	0.8696	0.8873
0.9012	0.9013	0.9014	0.9015	0.9016
0.9018	0.9019	0.9020	0.9021	0.9022
0.9024	0.9025	0.9026	0.9027	0.9028
0.9029	0.9031	0.9032	0.9033	0.9034
0.9035	0.9036	0.9038	0.9039	0.9042
0.9045	0.9048	0.9052	0.9055	0.9058
0.9062	0.9065	0.9068	0.9071	1.0000

Transect C2
Area:

0.0012	0.0036	0.0067	0.0107	0.0156
0.0211	0.0272	0.0339	0.0414	0.0494
0.0579	0.0669	0.0765	0.0866	0.0972
0.1083	0.1198	0.1319	0.1444	0.1574
0.1708	0.1847	0.1991	0.2141	0.2299
0.2466	0.2644	0.2831	0.3029	0.3235
0.3448	0.3669	0.3899	0.4136	0.4381
0.4635	0.4898	0.5172	0.5507	0.5880
0.6262	0.6655	0.7055	0.7460	0.7868
0.8281	0.8698	0.9120	0.9549	1.0000

Hrad:

0.0302	0.0621	0.0908	0.1127	0.1423
0.1719	0.2016	0.2254	0.2546	0.2832
0.3132	0.3392	0.3673	0.3967	0.4260
0.4542	0.4815	0.5080	0.5356	0.5670
0.5947	0.6191	0.6415	0.6593	0.6728
0.6783	0.6824	0.6991	0.7111	0.7295
0.7529	0.7733	0.7930	0.8140	0.8319
0.8491	0.8676	0.8761	0.7120	0.7382
0.7665	0.7932	0.8311	0.8700	0.9086
0.9464	0.9837	1.0184	1.0493	1.0000

Width:

0.0410	0.0583	0.0742	0.0952	0.1095
0.1226	0.1349	0.1506	0.1625	0.1743
0.1848	0.1972	0.2084	0.2184	0.2283
0.2384	0.2489	0.2597	0.2697	0.2776
0.2872	0.2983	0.3103	0.3248	0.3418
0.3636	0.3875	0.4051	0.4260	0.4435
0.4581	0.4746	0.4917	0.5081	0.5267
0.5460	0.5647	0.6229	0.7737	0.7967
0.8172	0.8392	0.8492	0.8577	0.8662
0.8752	0.8844	0.8957	0.9230	1.0000

Transect C20
Area:

0.0039	0.0113	0.0207	0.0316	0.0438
0.0568	0.0707	0.0854	0.1006	0.1163
0.1324	0.1489	0.1658	0.1831	0.2008
0.2189	0.2374	0.2563	0.2756	0.2955
0.3157	0.3364	0.3573	0.3786	0.4002
0.4221	0.4443	0.4668	0.4895	0.5124
0.5355	0.5588	0.5822	0.6058	0.6294

0.6532	0.6771	0.7012	0.7253	0.7495
0.7739	0.7984	0.8231	0.8479	0.8729
0.8980	0.9232	0.9486	0.9742	1.0000

Hrad:

0.0170	0.0350	0.0527	0.0717	0.0911
0.1108	0.1290	0.1497	0.1711	0.1923
0.2126	0.2337	0.2541	0.2747	0.2939
0.3144	0.3332	0.3514	0.3686	0.3862
0.4048	0.4238	0.4437	0.4636	0.4824
0.5018	0.5210	0.5397	0.5618	0.5826
0.6043	0.6262	0.6476	0.6696	0.6922
0.7144	0.7363	0.7580	0.7801	0.8021
0.8236	0.8433	0.8632	0.8841	0.9048
0.9246	0.9445	0.9642	0.9817	1.0000

Width:

0.2355	0.3270	0.3981	0.4476	0.4871
0.5197	0.5558	0.5788	0.5964	0.6131
0.6313	0.6460	0.6615	0.6756	0.6927
0.7058	0.7220	0.7392	0.7578	0.7754
0.7905	0.8044	0.8160	0.8274	0.8405
0.8522	0.8639	0.8761	0.8820	0.8898
0.8959	0.9017	0.9077	0.9129	0.9170
0.9215	0.9262	0.9311	0.9353	0.9395
0.9442	0.9508	0.9570	0.9620	0.9672
0.9732	0.9789	0.9848	0.9929	1.0000

Transect C21

Area:

0.0017	0.0066	0.0134	0.0214	0.0311
0.0422	0.0546	0.0678	0.0817	0.0962
0.1112	0.1266	0.1426	0.1590	0.1758
0.1930	0.2105	0.2285	0.2468	0.2654
0.2844	0.3037	0.3233	0.3433	0.3637
0.3845	0.4056	0.4270	0.4489	0.4712
0.4939	0.5171	0.5411	0.5657	0.5909
0.6165	0.6422	0.6681	0.6942	0.7205
0.7470	0.7736	0.8006	0.8279	0.8555
0.8836	0.9120	0.9409	0.9702	1.0000

Hrad:

0.0163	0.0325	0.0541	0.0730	0.0890
0.1069	0.1265	0.1481	0.1699	0.1925
0.2152	0.2359	0.2579	0.2801	0.3023
0.3242	0.3447	0.3653	0.3876	0.4096
0.4305	0.4504	0.4701	0.4895	0.5090
0.5287	0.5476	0.5655	0.5830	0.6003
0.6143	0.6251	0.6361	0.6489	0.6608
0.6861	0.7110	0.7357	0.7601	0.7842
0.8080	0.8315	0.8542	0.8765	0.8980
0.9193	0.9404	0.9605	0.9803	1.0000

Width:

0.1035	0.2028	0.2456	0.2927	0.3485
0.3934	0.4284	0.4531	0.4741	0.4914
0.5067	0.5254	0.5402	0.5539	0.5664
0.5786	0.5926	0.6059	0.6160	0.6261
0.6374	0.6496	0.6619	0.6743	0.6861
0.6975	0.7096	0.7226	0.7359	0.7493
0.7663	0.7884	0.8103	0.8301	0.8511
0.8554	0.8612	0.8670	0.8729	0.8796
0.8868	0.8940	0.9045	0.9155	0.9290
0.9420	0.9548	0.9710	0.9864	1.0000

Transect C21_1

Area:

0.0030	0.0083	0.0158	0.0247	0.0347
0.0456	0.0580	0.0722	0.0876	0.1039
0.1206	0.1377	0.1550	0.1726	0.1904
0.2085	0.2269	0.2456	0.2645	0.2837
0.3031	0.3228	0.3428	0.3633	0.3846
0.4063	0.4283	0.4507	0.4733	0.4961
0.5191	0.5424	0.5658	0.5895	0.6135
0.6377	0.6621	0.6868	0.7117	0.7368
0.7621	0.7876	0.8133	0.8392	0.8653
0.8917	0.9183	0.9452	0.9725	1.0000

Hrad:

0.0294	0.0564	0.0884	0.1234	0.1543
0.1820	0.2025	0.2220	0.2396	0.2590
0.2795	0.3007	0.3224	0.3444	0.3664
0.3876	0.4089	0.4304	0.4519	0.4728
0.4935	0.5134	0.5318	0.5455	0.5611
0.5788	0.5963	0.6149	0.6339	0.6525
0.6716	0.6903	0.7088	0.7268	0.7445
0.7623	0.7800	0.7977	0.8157	0.8336
0.8512	0.8688	0.8865	0.9043	0.9215
0.9381	0.9533	0.9683	0.9816	1.0000

Width:

0.1582	0.2329	0.3007	0.3433	0.3771
0.4135	0.4989	0.5329	0.5790	0.5990
0.6121	0.6236	0.6329	0.6410	0.6497
0.6626	0.6734	0.6821	0.6902	0.6999
0.7087	0.7195	0.7331	0.7591	0.7793
0.7927	0.8055	0.8149	0.8229	0.8315
0.8387	0.8465	0.8548	0.8639	0.8730
0.8819	0.8904	0.8989	0.9062	0.9137
0.9213	0.9292	0.9363	0.9431	0.9509
0.9595	0.9706	0.9816	0.9953	1.0000

Transect C21_2

Area:

0.0008	0.0025	0.0050	0.0086	0.0144
0.0237	0.0353	0.0488	0.0652	0.0856
0.1082	0.1308	0.1535	0.1761	0.1988
0.2215	0.2443	0.2670	0.2897	0.3125
0.3352	0.3580	0.3808	0.4036	0.4264
0.4492	0.4720	0.4948	0.5177	0.5405
0.5634	0.5862	0.6091	0.6320	0.6549
0.6778	0.7007	0.7236	0.7465	0.7695
0.7924	0.8154	0.8384	0.8614	0.8844
0.9075	0.9306	0.9537	0.9768	1.0000

Hrad:

0.0231	0.0424	0.0599	0.0758	0.0645
0.0810	0.1033	0.1193	0.1278	0.1407
0.1716	0.2049	0.2375	0.2693	0.3003
0.3307	0.3603	0.3894	0.4177	0.4455
0.4726	0.4992	0.5252	0.5506	0.5756
0.6000	0.6239	0.6473	0.6703	0.6928
0.7149	0.7366	0.7578	0.7786	0.7991
0.8192	0.8389	0.8582	0.8772	0.8959
0.9142	0.9322	0.9499	0.9673	0.9845
1.0013	1.0179	1.0342	1.0503	1.0000

Width:

0.0499	0.0822	0.1188	0.1595	0.3219
0.4189	0.4860	0.5804	0.7240	0.8643
0.8866	0.8874	0.8882	0.8889	0.8897
0.8904	0.8909	0.8913	0.8917	0.8920
0.8924	0.8927	0.8931	0.8935	0.8938
0.8942	0.8946	0.8949	0.8953	0.8956
0.8960	0.8964	0.8967	0.8971	0.8975
0.8978	0.8982	0.8986	0.8989	0.8993
0.9000	0.9009	0.9018	0.9027	0.9036
0.9045	0.9054	0.9064	0.9073	1.0000

Transect C22

Area:

0.0086	0.0208	0.0336	0.0470	0.0610
0.0757	0.0909	0.1072	0.1244	0.1420
0.1597	0.1794	0.1998	0.2205	0.2415
0.2626	0.2837	0.3049	0.3260	0.3472
0.3685	0.3897	0.4110	0.4323	0.4536
0.4750	0.4963	0.5177	0.5392	0.5607
0.5822	0.6037	0.6253	0.6468	0.6684
0.6901	0.7118	0.7335	0.7552	0.7770
0.7988	0.8206	0.8425	0.8644	0.8863
0.9083	0.9303	0.9525	0.9756	1.0000

Hrad:

0.0270	0.0611	0.0947	0.1270	0.1573
0.1865	0.2138	0.2326	0.2619	0.2953
0.3286	0.3570	0.3849	0.4126	0.4403
0.4684	0.4967	0.5248	0.5528	0.5806
0.6081	0.6353	0.6622	0.6887	0.7150
0.7409	0.7664	0.7916	0.8165	0.8410
0.8652	0.8890	0.9125	0.9357	0.9585
0.9810	1.0032	1.0251	1.0466	1.0679
1.0888	1.1095	1.1299	1.1500	1.1699
1.1895	1.2088	1.2038	1.1778	1.0000

Width:

0.4721	0.5060	0.5279	0.5498	0.5752
0.6010	0.6300	0.6824	0.7011	0.7048
0.7636	0.8092	0.8249	0.8399	0.8475
0.8485	0.8495	0.8504	0.8515	0.8526
0.8536	0.8547	0.8558	0.8569	0.8578
0.8589	0.8601	0.8613	0.8626	0.8638
0.8650	0.8660	0.8671	0.8682	0.8694
0.8706	0.8719	0.8731	0.8744	0.8759
0.8773	0.8787	0.8800	0.8814	0.8828
0.8841	0.8855	0.9087	0.9541	1.0000

Transect C22_1

Area:

0.0034	0.0111	0.0219	0.0350	0.0503
0.0687	0.0893	0.1102	0.1310	0.1519
0.1728	0.1937	0.2146	0.2355	0.2565
0.2774	0.2984	0.3194	0.3404	0.3613
0.3823	0.4034	0.4244	0.4454	0.4664
0.4875	0.5085	0.5296	0.5506	0.5717
0.5928	0.6139	0.6350	0.6561	0.6772
0.6984	0.7195	0.7406	0.7618	0.7830
0.8041	0.8253	0.8465	0.8678	0.8890
0.9103	0.9316	0.9529	0.9754	1.0000

Hrad:

0.0235	0.0436	0.0696	0.0953	0.1183
0.1409	0.1712	0.2029	0.2346	0.2660
0.2969	0.3272	0.3569	0.3860	0.4145
0.4423	0.4695	0.4961	0.5221	0.5476
0.5725	0.5969	0.6207	0.6441	0.6670
0.6894	0.7114	0.7329	0.7540	0.7747
0.7950	0.8149	0.8344	0.8535	0.8723
0.8908	0.9089	0.9267	0.9442	0.9613
0.9782	0.9947	1.0110	1.0270	1.0428
1.0583	1.0735	1.0851	1.0334	1.0000

Width:

0.2172	0.3835	0.4707	0.5448	0.6669
0.7791	0.8199	0.8206	0.8214	0.8221
0.8228	0.8236	0.8241	0.8245	0.8248
0.8251	0.8255	0.8258	0.8262	0.8265
0.8269	0.8272	0.8275	0.8279	0.8282
0.8286	0.8289	0.8293	0.8296	0.8299
0.8303	0.8306	0.8310	0.8313	0.8317
0.8320	0.8323	0.8327	0.8330	0.8334
0.8342	0.8350	0.8357	0.8365	0.8373
0.8381	0.8389	0.8436	0.9277	1.0000

Transect C23
Area:

0.0072	0.0209	0.0354	0.0507	0.0675
0.0874	0.1080	0.1285	0.1491	0.1697
0.1903	0.2109	0.2315	0.2521	0.2727
0.2934	0.3140	0.3346	0.3553	0.3759
0.3965	0.4172	0.4379	0.4585	0.4792
0.4999	0.5206	0.5413	0.5620	0.5827
0.6034	0.6241	0.6449	0.6656	0.6863
0.7071	0.7278	0.7486	0.7694	0.7902
0.8110	0.8318	0.8527	0.8735	0.8943
0.9152	0.9361	0.9570	0.9779	1.0000

Hrad:

0.0321	0.0599	0.0895	0.1174	0.1411
0.1603	0.1850	0.2104	0.2359	0.2614
0.2867	0.3118	0.3367	0.3612	0.3855
0.4095	0.4332	0.4566	0.4797	0.5025
0.5251	0.5474	0.5695	0.5913	0.6128
0.6341	0.6552	0.6760	0.6967	0.7171
0.7373	0.7573	0.7771	0.7967	0.8162
0.8354	0.8545	0.8734	0.8921	0.9107
0.9291	0.9474	0.9655	0.9834	1.0013
1.0189	1.0365	1.0539	1.0712	1.0000

Width:

0.4782	0.5406	0.5695	0.6072	0.6828
0.7861	0.7864	0.7866	0.7868	0.7871
0.7873	0.7875	0.7878	0.7880	0.7882
0.7885	0.7887	0.7889	0.7892	0.7894
0.7896	0.7899	0.7901	0.7903	0.7906
0.7908	0.7910	0.7913	0.7915	0.7917
0.7920	0.7922	0.7924	0.7927	0.7931
0.7935	0.7939	0.7944	0.7948	0.7953
0.7957	0.7962	0.7966	0.7970	0.7975
0.7979	0.7984	0.7988	0.7993	1.0000

Transect C24
Area:

0.0077	0.0241	0.0437	0.0638	0.0840
0.1042	0.1244	0.1446	0.1649	0.1851
0.2054	0.2257	0.2460	0.2663	0.2866
0.3069	0.3272	0.3475	0.3679	0.3882
0.4085	0.4288	0.4492	0.4695	0.4899
0.5102	0.5306	0.5509	0.5713	0.5916
0.6120	0.6324	0.6527	0.6731	0.6935
0.7139	0.7343	0.7547	0.7751	0.7955
0.8159	0.8363	0.8567	0.8771	0.8975
0.9179	0.9384	0.9588	0.9792	1.0000

Hrad:

0.0259	0.0475	0.0695	0.0936	0.1180
0.1423	0.1665	0.1905	0.2142	0.2378
0.2611	0.2842	0.3071	0.3298	0.3523
0.3746	0.3967	0.4186	0.4403	0.4619
0.4832	0.5045	0.5255	0.5465	0.5672
0.5878	0.6083	0.6287	0.6489	0.6690
0.6889	0.7088	0.7285	0.7481	0.7676
0.7870	0.8063	0.8254	0.8445	0.8635
0.8824	0.9012	0.9199	0.9385	0.9570
0.9755	0.9938	1.0121	1.0303	1.0000

Width:

0.5490	0.7807	0.8560	0.8567	0.8573
0.8580	0.8586	0.8593	0.8599	0.8606
0.8612	0.8619	0.8620	0.8622	0.8624
0.8625	0.8627	0.8629	0.8630	0.8632
0.8633	0.8635	0.8637	0.8638	0.8640
0.8642	0.8643	0.8645	0.8646	0.8648
0.8650	0.8651	0.8653	0.8655	0.8656
0.8658	0.8659	0.8661	0.8663	0.8664
0.8666	0.8668	0.8669	0.8671	0.8672
0.8674	0.8676	0.8677	0.8679	1.0000

Transect C25_1
Area:

0.0020	0.0073	0.0159	0.0266	0.0388
0.0523	0.0669	0.0823	0.0987	0.1161
0.1344	0.1533	0.1726	0.1920	0.2116
0.2313	0.2512	0.2714	0.2917	0.3122
0.3328	0.3536	0.3746	0.3958	0.4172
0.4387	0.4604	0.4822	0.5042	0.5264
0.5487	0.5712	0.5938	0.6166	0.6396
0.6627	0.6859	0.7094	0.7330	0.7567
0.7805	0.8045	0.8285	0.8527	0.8770
0.9014	0.9259	0.9505	0.9752	1.0000

Hrad:

0.0142	0.0263	0.0399	0.0573	0.0748
0.0928	0.1110	0.1288	0.1456	0.1611
0.1798	0.1989	0.2219	0.2450	0.2679
0.2902	0.3118	0.3336	0.3558	0.3778
0.3996	0.4210	0.4419	0.4623	0.4835
0.5049	0.5263	0.5476	0.5683	0.5890
0.6089	0.6291	0.6500	0.6707	0.6908
0.7104	0.7301	0.7502	0.7709	0.7912
0.8122	0.8333	0.8543	0.8751	0.8959
0.9165	0.9374	0.9584	0.9791	1.0000

Width:

0.1381	0.2799	0.3975	0.4644	0.5202
0.5648	0.6034	0.6396	0.6784	0.7215
0.7484	0.7714	0.7784	0.7842	0.7904
0.7977	0.8063	0.8141	0.8203	0.8268
0.8333	0.8404	0.8482	0.8566	0.8633
0.8694	0.8752	0.8810	0.8876	0.8941
0.9015	0.9084	0.9140	0.9198	0.9261
0.9331	0.9399	0.9460	0.9511	0.9566
0.9613	0.9657	0.9700	0.9745	0.9790
0.9836	0.9878	0.9918	0.9960	1.0000

Transect C26
Area:

0.0005	0.0024	0.0056	0.0098	0.0152
0.0215	0.0284	0.0361	0.0444	0.0535
0.0632	0.0734	0.0842	0.0956	0.1075
0.1202	0.1334	0.1473	0.1617	0.1768
0.1926	0.2094	0.2271	0.2459	0.2660
0.2871	0.3092	0.3321	0.3560	0.3804
0.4055	0.4311	0.4572	0.4840	0.5112
0.5388	0.5669	0.5954	0.6243	0.6538
0.6839	0.7145	0.7457	0.7777	0.8105
0.8458	0.8831	0.9212	0.9601	1.0000

Hrad:

0.0197	0.0384	0.0625	0.0862	0.1098
0.1369	0.1650	0.1908	0.2150	0.2403
0.2672	0.2947	0.3210	0.3466	0.3685
0.3911	0.4156	0.4388	0.4613	0.4830
0.4995	0.5120	0.5260	0.5323	0.5430
0.5594	0.5792	0.5988	0.6205	0.6460
0.6738	0.7017	0.7269	0.7532	0.7827
0.8118	0.8410	0.8699	0.8963	0.9211
0.9446	0.9675	0.9893	1.0065	1.0094
0.9619	0.9812	1.0034	1.0238	1.0000

Width:

0.0267	0.0620	0.0898	0.1151	0.1399
0.1582	0.1738	0.1905	0.2081	0.2242
0.2382	0.2509	0.2640	0.2774	0.2936
0.3091	0.3229	0.3375	0.3525	0.3681
0.3877	0.4112	0.4341	0.4646	0.4928
0.5164	0.5370	0.5577	0.5764	0.5915
0.6042	0.6164	0.6309	0.6442	0.6545
0.6648	0.6748	0.6849	0.6968	0.7097
0.7237	0.7379	0.7530	0.7717	0.8021
0.8793	0.8999	0.9177	0.9372	1.0000

Transect C27
Area:

0.0070	0.0168	0.0282	0.0411	0.0557
0.0712	0.0871	0.1033	0.1205	0.1387
0.1578	0.1773	0.1974	0.2181	0.2388
0.2597	0.2808	0.3020	0.3235	0.3450
0.3666	0.3881	0.4097	0.4313	0.4530
0.4746	0.4962	0.5179	0.5396	0.5613
0.5830	0.6047	0.6264	0.6482	0.6700
0.6917	0.7135	0.7354	0.7572	0.7791
0.8011	0.8230	0.8450	0.8671	0.8891
0.9112	0.9334	0.9555	0.9777	1.0000

Hrad:

0.0174	0.0358	0.0525	0.0680	0.0818
0.1024	0.1224	0.1409	0.1548	0.1724
0.1835	0.2026	0.2163	0.2373	0.2584
0.2794	0.2990	0.3185	0.3388	0.3607
0.3826	0.4047	0.4267	0.4486	0.4707
0.4926	0.5146	0.5365	0.5584	0.5802
0.6020	0.6237	0.6455	0.6672	0.6888
0.7103	0.7316	0.7529	0.7736	0.7944
0.8152	0.8361	0.8570	0.8778	0.8984
0.9187	0.9391	0.9595	0.9798	1.0000

Width:

0.4077	0.4762	0.5448	0.6116	0.6892
0.7036	0.7196	0.7424	0.7959	0.8380
0.8702	0.8854	0.9235	0.9296	0.9351
0.9404	0.9501	0.9592	0.9657	0.9672
0.9682	0.9691	0.9699	0.9706	0.9712
0.9718	0.9724	0.9731	0.9736	0.9742
0.9749	0.9756	0.9763	0.9769	0.9777
0.9785	0.9796	0.9807	0.9825	0.9840
0.9856	0.9869	0.9883	0.9897	0.9913
0.9931	0.9949	0.9965	0.9983	1.0000

Transect C28
Area:

0.0016	0.0055	0.0107	0.0173	0.0249
0.0334	0.0426	0.0524	0.0628	0.0738

0.0857	0.0982	0.1113	0.1250	0.1394
0.1543	0.1701	0.1865	0.2036	0.2212
0.2396	0.2585	0.2777	0.2973	0.3174
0.3377	0.3584	0.3794	0.4008	0.4224
0.4442	0.4663	0.4887	0.5114	0.5344
0.5578	0.5816	0.6059	0.6308	0.6563
0.6825	0.7095	0.7378	0.7680	0.8002
0.8348	0.8722	0.9120	0.9541	1.0000

Hrad:

0.0246	0.0585	0.0864	0.1168	0.1480
0.1814	0.2156	0.2498	0.2842	0.3062
0.3370	0.3699	0.3990	0.4280	0.4578
0.4832	0.5075	0.5343	0.5646	0.5891
0.6174	0.6537	0.6869	0.7176	0.7551
0.7922	0.8267	0.8594	0.8963	0.9342
0.9717	1.0070	1.0417	1.0748	1.1059
1.1356	1.1638	1.1835	1.2036	1.2220
1.2335	1.2386	1.2066	1.1841	1.1526
1.1063	1.0858	1.0713	1.0455	1.0000

Width:

0.0658	0.0937	0.1245	0.1481	0.1685
0.1842	0.1978	0.2099	0.2209	0.2410
0.2544	0.2655	0.2789	0.2921	0.3044
0.3194	0.3350	0.3490	0.3605	0.3754
0.3880	0.3953	0.4041	0.4142	0.4201
0.4261	0.4333	0.4413	0.4469	0.4519
0.4569	0.4628	0.4689	0.4756	0.4830
0.4910	0.4995	0.5117	0.5239	0.5369
0.5531	0.5726	0.6113	0.6484	0.6941
0.7544	0.8032	0.8512	0.9126	1.0000

Transect C30

Area:

0.0003	0.0014	0.0037	0.0074	0.0120
0.0182	0.0261	0.0352	0.0467	0.0618
0.0797	0.0980	0.1166	0.1354	0.1545
0.1738	0.1933	0.2130	0.2330	0.2534
0.2741	0.2950	0.3162	0.3376	0.3592
0.3810	0.4031	0.4255	0.4482	0.4713
0.4948	0.5185	0.5424	0.5666	0.5912
0.6162	0.6415	0.6671	0.6930	0.7191
0.7455	0.7722	0.7992	0.8267	0.8546
0.8828	0.9114	0.9405	0.9701	1.0000

Hrad:

0.0152	0.0304	0.0359	0.0539	0.0704
0.0762	0.0932	0.1012	0.1178	0.1051
0.1337	0.1614	0.1888	0.2163	0.2439
0.2712	0.2983	0.3242	0.3486	0.3726
0.3980	0.4237	0.4491	0.4743	0.4988
0.5228	0.5467	0.5696	0.5889	0.6083
0.6317	0.6549	0.6780	0.6990	0.7169
0.7357	0.7577	0.7796	0.8013	0.8222
0.8429	0.8634	0.8803	0.8961	0.9137
0.9319	0.9488	0.9603	0.9780	1.0000

Width:

0.0228	0.0455	0.1046	0.1390	0.1730
0.2415	0.2837	0.3526	0.4139	0.5951
0.6038	0.6141	0.6244	0.6328	0.6399
0.6470	0.6541	0.6629	0.6743	0.6857
0.6940	0.7015	0.7089	0.7163	0.7245
0.7329	0.7413	0.7508	0.7647	0.7783
0.7865	0.7947	0.8029	0.8133	0.8272
0.8399	0.8488	0.8577	0.8666	0.8762
0.8858	0.8955	0.9089	0.9235	0.9361
0.9479	0.9610	0.9798	0.9922	1.0000

Transect C31

Area:

0.0043	0.0127	0.0244	0.0379	0.0522
0.0670	0.0824	0.0981	0.1143	0.1308
0.1476	0.1646	0.1820	0.1996	0.2174
0.2355	0.2538	0.2723	0.2910	0.3099
0.3291	0.3484	0.3679	0.3876	0.4076
0.4278	0.4482	0.4689	0.4899	0.5112
0.5329	0.5548	0.5772	0.5998	0.6226
0.6457	0.6691	0.6927	0.7165	0.7407
0.7651	0.7899	0.8149	0.8403	0.8659
0.8919	0.9183	0.9450	0.9722	1.0000

Hrad:

0.0181	0.0358	0.0547	0.0776	0.1023
0.1272	0.1515	0.1757	0.2001	0.2244
0.2489	0.2732	0.2972	0.3212	0.3453
0.3691	0.3927	0.4165	0.4400	0.4633
0.4866	0.5097	0.5326	0.5550	0.5770
0.5987	0.6179	0.6381	0.6572	0.6747
0.6918	0.7092	0.7272	0.7464	0.7662
0.7854	0.8049	0.8247	0.8437	0.8596
0.8784	0.8948	0.9119	0.9284	0.9446
0.9594	0.9733	0.9864	0.9966	1.0000

Width:

0.2415	0.3603	0.4545	0.4965	0.5195
0.5362	0.5528	0.5675	0.5801	0.5916
0.6017	0.6113	0.6208	0.6297	0.6379
0.6459	0.6540	0.6614	0.6688	0.6762
0.6833	0.6904	0.6974	0.7050	0.7128
0.7207	0.7314	0.7408	0.7511	0.7631
0.7754	0.7872	0.7982	0.8077	0.8165
0.8258	0.8345	0.8429	0.8519	0.8640
0.8731	0.8845	0.8951	0.9062	0.9176
0.9303	0.9439	0.9583	0.9756	1.0000

Transect C35

Area:

0.0024	0.0074	0.0158	0.0256	0.0364
0.0480	0.0630	0.0819	0.1011	0.1204
0.1400	0.1596	0.1795	0.1996	0.2199
0.2403	0.2609	0.2816	0.3023	0.3231
0.3439	0.3648	0.3857	0.4067	0.4277
0.4488	0.4700	0.4913	0.5126	0.5340
0.5554	0.5770	0.5986	0.6204	0.6424
0.6645	0.6868	0.7094	0.7321	0.7551
0.7784	0.8020	0.8258	0.8500	0.8743
0.8989	0.9237	0.9488	0.9742	1.0000

Hrad:

0.0178	0.0295	0.0471	0.0684	0.0896
0.1101	0.0924	0.1185	0.1447	0.1707
0.1965	0.2219	0.2467	0.2717	0.2962
0.3202	0.3458	0.3714	0.3968	0.4221
0.4472	0.4721	0.4968	0.5213	0.5457
0.5695	0.5932	0.6166	0.6400	0.6632
0.6859	0.7081	0.7296	0.7498	0.7695
0.7885	0.8065	0.8236	0.8404	0.8564
0.8710	0.8863	0.9002	0.9165	0.9336
0.9481	0.9646	0.9791	0.9910	1.0000

Width:

0.1430	0.2653	0.3561	0.3972	0.4303
0.4794	0.7231	0.7327	0.7403	0.7468
0.7532	0.7604	0.7686	0.7754	0.7830
0.7910	0.7935	0.7956	0.7976	0.7995
0.8015	0.8035	0.8056	0.8077	0.8099
0.8127	0.8155	0.8183	0.8210	0.8238
0.8270	0.8307	0.8351	0.8409	0.8472
0.8540	0.8619	0.8707	0.8796	0.8894
0.9006	0.9109	0.9227	0.9319	0.9400
0.9508	0.9594	0.9701	0.9834	1.0000

Transect C35_1

Area:

0.0008	0.0038	0.0084	0.0142	0.0209
0.0285	0.0368	0.0457	0.0553	0.0657
0.0766	0.0880	0.0998	0.1121	0.1247
0.1378	0.1515	0.1661	0.1831	0.2046
0.2297	0.2549	0.2802	0.3056	0.3311
0.3567	0.3823	0.4081	0.4340	0.4600
0.4861	0.5123	0.5386	0.5649	0.5914
0.6179	0.6445	0.6712	0.6979	0.7247
0.7516	0.7787	0.8058	0.8330	0.8604
0.8878	0.9154	0.9433	0.9715	1.0000

Hrad:

0.0144	0.0282	0.0476	0.0656	0.0853
0.1048	0.1250	0.1440	0.1612	0.1804
0.2001	0.2204	0.2414	0.2619	0.2811
0.2998	0.3132	0.3136	0.3077	0.2988
0.2825	0.3068	0.3316	0.3573	0.3832
0.4089	0.4341	0.4593	0.4848	0.5103
0.5365	0.5628	0.5890	0.6150	0.6410
0.6671	0.6936	0.7201	0.7465	0.7718
0.7969	0.8222	0.8476	0.8730	0.8983
0.9237	0.9445	0.9620	0.9807	1.0000

Width:

0.0559	0.1341	0.1793	0.2207	0.2504
0.2767	0.2985	0.3227	0.3503	0.3711
0.3897	0.4059	0.4194	0.4332	0.4487
0.4647	0.4886	0.5370	0.6702	0.8398
0.8768	0.8808	0.8845	0.8873	0.8901
0.8931	0.8972	0.9012	0.9051	0.9089
0.9117	0.9144	0.9172	0.9203	0.9234
0.9262	0.9286	0.9310	0.9333	0.9369
0.9408	0.9443	0.9478	0.9513	0.9547
0.9581	0.9662	0.9783	0.9894	1.0000

Transect C35_2

Area:

0.0030	0.0083	0.0149	0.0226	0.0312
0.0408	0.0513	0.0625	0.0745	0.0877
0.1025	0.1184	0.1351	0.1524	0.1701
0.1883	0.2068	0.2257	0.2450	0.2647
0.2847	0.3051	0.3257	0.3467	0.3680
0.3895	0.4113	0.4335	0.4560	0.4787
0.5018	0.5251	0.5488	0.5727	0.5970
0.6215	0.6464	0.6716	0.6971	0.7227
0.7487	0.7750	0.8017	0.8287	0.8562
0.8842	0.9126	0.9414	0.9705	1.0000

Hrad:

0.0307	0.0611	0.0888	0.1142	0.1364
0.1566	0.1770	0.1957	0.2126	0.2306
0.2549	0.2783	0.3010	0.3236	0.3462
0.3688	0.3909	0.4131	0.4339	0.4554
0.4768	0.4979	0.5189	0.5397	0.5605
0.5813	0.6016	0.6206	0.6403	0.6600

0.6796	0.6986	0.7177	0.7364	0.7549
0.7734	0.7904	0.8086	0.8271	0.8455
0.8633	0.8792	0.8951	0.9103	0.9254
0.9393	0.9543	0.9700	0.9849	1.0000

Width:

0.1521	0.2034	0.2407	0.2733	0.3075
0.3390	0.3645	0.3914	0.4207	0.4733
0.5201	0.5495	0.5726	0.5910	0.6053
0.6180	0.6306	0.6420	0.6573	0.6689
0.6798	0.6907	0.7011	0.7117	0.7211
0.7301	0.7395	0.7518	0.7620	0.7714
0.7812	0.7916	0.8016	0.8117	0.8219
0.8314	0.8436	0.8529	0.8612	0.8696
0.8790	0.8918	0.9047	0.9191	0.9334
0.9497	0.9631	0.9745	0.9874	1.0000

Transect C37

Area:

0.0063	0.0153	0.0254	0.0365	0.0489
0.0628	0.0780	0.0955	0.1160	0.1374
0.1588	0.1802	0.2016	0.2230	0.2444
0.2658	0.2873	0.3087	0.3301	0.3516
0.3730	0.3945	0.4159	0.4374	0.4588
0.4803	0.5018	0.5232	0.5447	0.5662
0.5877	0.6092	0.6307	0.6522	0.6737
0.6952	0.7167	0.7383	0.7598	0.7813
0.8028	0.8244	0.8459	0.8675	0.8890
0.9106	0.9321	0.9537	0.9758	1.0000

Hrad:

0.0374	0.0794	0.1166	0.1496	0.1783
0.2031	0.2243	0.2375	0.2507	0.2684
0.2880	0.3084	0.3294	0.3506	0.3719
0.3933	0.4145	0.4357	0.4568	0.4777
0.4985	0.5191	0.5395	0.5598	0.5800
0.5999	0.6198	0.6394	0.6590	0.6783
0.6976	0.7167	0.7356	0.7544	0.7731
0.7917	0.8101	0.8284	0.8467	0.8647
0.8827	0.9006	0.9184	0.9360	0.9536
0.9711	0.9885	1.0058	1.0062	1.0000

Width:

0.3200	0.3745	0.4143	0.4588	0.5114
0.5671	0.6316	0.7569	0.8328	0.8355
0.8357	0.8359	0.8360	0.8362	0.8364
0.8366	0.8368	0.8369	0.8371	0.8373
0.8375	0.8376	0.8378	0.8380	0.8382
0.8384	0.8385	0.8387	0.8389	0.8391
0.8393	0.8394	0.8396	0.8398	0.8400
0.8401	0.8403	0.8405	0.8407	0.8409
0.8410	0.8412	0.8414	0.8416	0.8418
0.8419	0.8421	0.8423	0.9004	1.0000

Transect C38

Area:

0.0043	0.0114	0.0196	0.0284	0.0376
0.0473	0.0574	0.0678	0.0787	0.0899
0.1015	0.1134	0.1257	0.1384	0.1515
0.1653	0.1834	0.2043	0.2254	0.2466
0.2680	0.2895	0.3112	0.3331	0.3551
0.3772	0.3996	0.4221	0.4447	0.4675
0.4905	0.5137	0.5369	0.5604	0.5840
0.6078	0.6318	0.6559	0.6803	0.7048
0.7295	0.7544	0.7797	0.8060	0.8345
0.8646	0.8960	0.9290	0.9637	1.0000

Hrad:

0.0223	0.0480	0.0747	0.1016	0.1285
0.1548	0.1803	0.2049	0.2289	0.2530
0.2767	0.2997	0.3218	0.3426	0.3608
0.3728	0.3761	0.3959	0.4202	0.4470
0.4754	0.5048	0.5350	0.5657	0.5967
0.6276	0.6585	0.6894	0.7203	0.7511
0.7817	0.8122	0.8425	0.8724	0.9018
0.9306	0.9590	0.9871	1.0149	1.0425
1.0692	1.0929	1.1059	1.0788	1.0358
1.0331	1.0306	1.0136	1.0094	1.0000

Width:

0.1687	0.2071	0.2279	0.2423	0.2538
0.2642	0.2747	0.2854	0.2959	0.3056
0.3149	0.3245	0.3347	0.3458	0.3593
0.3793	0.5580	0.5623	0.5664	0.5706
0.5748	0.5791	0.5834	0.5876	0.5918
0.5961	0.6005	0.6049	0.6092	0.6134
0.6177	0.6220	0.6262	0.6304	0.6350
0.6397	0.6446	0.6495	0.6545	0.6594
0.6647	0.6719	0.6861	0.7291	0.7909
0.8236	0.8579	0.9092	0.9503	1.0000

Transect C39

Area:

0.0095	0.0239	0.0405	0.0597	0.0790
0.0984	0.1178	0.1374	0.1574	0.1774
0.1975	0.2176	0.2377	0.2578	0.2779
0.2981	0.3183	0.3385	0.3587	0.3789
0.3992	0.4194	0.4397	0.4599	0.4802
0.5005	0.5208	0.5411	0.5614	0.5818
0.6021	0.6224	0.6428	0.6632	0.6836
0.7040	0.7244	0.7448	0.7652	0.7856
0.8061	0.8265	0.8470	0.8675	0.8883
0.9095	0.9310	0.9530	0.9760	1.0000

Hrad:

0.0214	0.0442	0.0648	0.0886	0.1163
0.1436	0.1705	0.1967	0.2219	0.2467
0.2713	0.2954	0.3193	0.3428	0.3659
0.3887	0.4112	0.4334	0.4553	0.4769
0.4982	0.5192	0.5400	0.5605	0.5807
0.6007	0.6205	0.6399	0.6592	0.6782
0.6969	0.7155	0.7338	0.7519	0.7697
0.7874	0.8048	0.8221	0.8391	0.8559
0.8726	0.8890	0.9053	0.9213	0.9367
0.9514	0.9656	0.9788	0.9907	1.0000

Width:

0.5208	0.6353	0.7342	0.7868	0.7882
0.7896	0.7898	0.8129	0.8139	0.8150
0.8160	0.8170	0.8181	0.8191	0.8202
0.8212	0.8219	0.8223	0.8227	0.8231
0.8236	0.8240	0.8244	0.8248	0.8252
0.8257	0.8261	0.8265	0.8269	0.8274
0.8278	0.8282	0.8286	0.8290	0.8295
0.8299	0.8303	0.8307	0.8312	0.8316
0.8320	0.8324	0.8328	0.8383	0.8549
0.8680	0.8843	0.9109	0.9574	1.0000

Transect C4

Area:

0.0010	0.0041	0.0117	0.0223	0.0336
0.0452	0.0573	0.0698	0.0826	0.0959
0.1095	0.1237	0.1383	0.1536	0.1693
0.1855	0.2020	0.2189	0.2360	0.2533
0.2710	0.2889	0.3071	0.3259	0.3454
0.3654	0.3857	0.4063	0.4272	0.4483
0.4697	0.4914	0.5133	0.5355	0.5580
0.5809	0.6040	0.6276	0.6516	0.6762
0.7020	0.7310	0.7622	0.7949	0.8282
0.8621	0.8963	0.9307	0.9653	1.0000

Hrad:

0.0185	0.0289	0.0390	0.0666	0.0957
0.1248	0.1527	0.1796	0.2061	0.2314
0.2563	0.2792	0.3001	0.3198	0.3424
0.3666	0.3909	0.4153	0.4402	0.4647
0.4887	0.5123	0.5346	0.5396	0.5591
0.5798	0.6020	0.6238	0.6468	0.6699
0.6921	0.7147	0.7358	0.7574	0.7774
0.7975	0.8164	0.8327	0.8454	0.8524
0.8156	0.8074	0.8062	0.8318	0.8597
0.8874	0.9153	0.9434	0.9716	1.0000

Width:

0.0510	0.1350	0.2843	0.3158	0.3305
0.3410	0.3521	0.3638	0.3750	0.3870
0.3986	0.4128	0.4291	0.4467	0.4598
0.4698	0.4792	0.4879	0.4953	0.5029
0.5107	0.5185	0.5277	0.5549	0.5674
0.5784	0.5874	0.5965	0.6041	0.6112
0.6190	0.6261	0.6346	0.6425	0.6517
0.6607	0.6707	0.6831	0.6988	0.7197
0.7877	0.8671	0.9279	0.9462	0.9683
0.9795	0.9856	0.9913	0.9954	1.0000

Transect C40

Area:

0.0030	0.0084	0.0153	0.0233	0.0323
0.0422	0.0527	0.0640	0.0759	0.0885
0.1019	0.1159	0.1305	0.1455	0.1609
0.1768	0.1930	0.2097	0.2266	0.2441
0.2619	0.2803	0.2994	0.3193	0.3398
0.3609	0.3824	0.4045	0.4270	0.4501
0.4737	0.4980	0.5228	0.5481	0.5740
0.6004	0.6274	0.6549	0.6827	0.7107
0.7389	0.7672	0.7956	0.8243	0.8531
0.8820	0.9112	0.9406	0.9702	1.0000

Hrad:

0.0203	0.0407	0.0614	0.0818	0.1024
0.1236	0.1446	0.1654	0.1855	0.2034
0.2233	0.2420	0.2634	0.2862	0.3077
0.3297	0.3508	0.3734	0.3945	0.4139
0.4323	0.4488	0.4589	0.4717	0.4891
0.5060	0.5248	0.5428	0.5602	0.5764
0.5912	0.6067	0.6237	0.6410	0.6574
0.6721	0.6867	0.7065	0.7318	0.7573
0.7828	0.8084	0.8335	0.8584	0.8834
0.9082	0.9303	0.9529	0.9762	1.0000

Width:

0.1495	0.2074	0.2498	0.2856	0.3161
0.3416	0.3651	0.3872	0.4094	0.4357
0.4567	0.4793	0.4958	0.5088	0.5235
0.5367	0.5506	0.5618	0.5749	0.5901
0.6063	0.6250	0.6527	0.6772	0.6950
0.7134	0.7290	0.7455	0.7624	0.7811
0.8015	0.8210	0.8384	0.8553	0.8733
0.8935	0.9138	0.9272	0.9331	0.9387
0.9440	0.9491	0.9547	0.9603	0.9657
0.9712	0.9795	0.9871	0.9939	1.0000

Transect C44
Area:

0.0020	0.0073	0.0159	0.0266	0.0388
0.0523	0.0669	0.0823	0.0987	0.1161
0.1344	0.1533	0.1726	0.1920	0.2116
0.2313	0.2512	0.2714	0.2917	0.3122
0.3328	0.3536	0.3746	0.3958	0.4172
0.4387	0.4604	0.4822	0.5042	0.5264
0.5487	0.5712	0.5938	0.6166	0.6396
0.6627	0.6859	0.7094	0.7330	0.7567
0.7805	0.8045	0.8285	0.8527	0.8770
0.9014	0.9259	0.9505	0.9752	1.0000

Hrad:

0.0136	0.0249	0.0382	0.0552	0.0725
0.0904	0.1084	0.1263	0.1433	0.1595
0.1784	0.1977	0.2202	0.2430	0.2655
0.2875	0.3090	0.3306	0.3528	0.3747
0.3965	0.4179	0.4389	0.4595	0.4808
0.5022	0.5237	0.5451	0.5660	0.5868
0.6070	0.6273	0.6484	0.6692	0.6896
0.7094	0.7293	0.7496	0.7705	0.7909
0.8119	0.8331	0.8541	0.8750	0.8958
0.9165	0.9374	0.9584	0.9791	1.0000

Width:

0.1381	0.2799	0.3975	0.4644	0.5202
0.5648	0.6034	0.6396	0.6784	0.7215
0.7484	0.7714	0.7784	0.7842	0.7904
0.7977	0.8063	0.8141	0.8203	0.8268
0.8333	0.8404	0.8482	0.8566	0.8633
0.8694	0.8752	0.8810	0.8876	0.8941
0.9015	0.9084	0.9140	0.9198	0.9261
0.9331	0.9399	0.9460	0.9511	0.9566
0.9613	0.9657	0.9700	0.9745	0.9790
0.9836	0.9878	0.9918	0.9960	1.0000

Transect C45
Area:

0.0009	0.0029	0.0057	0.0091	0.0130
0.0176	0.0230	0.0292	0.0361	0.0438
0.0520	0.0608	0.0701	0.0802	0.0912
0.1030	0.1156	0.1292	0.1439	0.1598
0.1777	0.1963	0.2153	0.2348	0.2547
0.2754	0.2968	0.3193	0.3435	0.3682
0.3933	0.4188	0.4449	0.4719	0.5000
0.5296	0.5605	0.5919	0.6238	0.6563
0.6894	0.7231	0.7571	0.7912	0.8255
0.8600	0.8946	0.9295	0.9647	1.0000

Hrad:

0.0221	0.0423	0.0655	0.0885	0.1100
0.1257	0.1428	0.1596	0.1770	0.1964
0.2195	0.2420	0.2620	0.2702	0.2854
0.3027	0.3178	0.3279	0.3391	0.3404
0.3465	0.3739	0.4014	0.4274	0.4494
0.4693	0.4854	0.4916	0.5011	0.5287
0.5566	0.5828	0.6023	0.6137	0.6216
0.6240	0.6436	0.6690	0.6943	0.7174
0.7351	0.7652	0.7951	0.8253	0.8555
0.8855	0.9146	0.9435	0.9721	1.0000

Width:

0.0416	0.0688	0.0877	0.1036	0.1194
0.1416	0.1629	0.1849	0.2064	0.2256
0.2398	0.2540	0.2704	0.2999	0.3231
0.3442	0.3679	0.3983	0.4290	0.4746
0.5186	0.5306	0.5420	0.5548	0.5725
0.5927	0.6175	0.6562	0.6925	0.7035
0.7135	0.7256	0.7457	0.7764	0.8123
0.8573	0.8797	0.8937	0.9076	0.9240
0.9473	0.9534	0.9595	0.9649	0.9701
0.9753	0.9813	0.9873	0.9934	1.0000

Transect C52
Area:

0.0025	0.0080	0.0150	0.0232	0.0324
0.0423	0.0530	0.0647	0.0775	0.0910
0.1051	0.1198	0.1350	0.1508	0.1672
0.1842	0.2017	0.2197	0.2383	0.2574
0.2772	0.2975	0.3184	0.3399	0.3618
0.3843	0.4072	0.4304	0.4540	0.4779
0.5021	0.5266	0.5516	0.5768	0.6020
0.6274	0.6529	0.6784	0.7041	0.7300
0.7560	0.7823	0.8089	0.8357	0.8626
0.8896	0.9169	0.9443	0.9720	1.0000

Hrad:

0.0195	0.0453	0.0688	0.0944	0.1208
0.1523	0.1839	0.2119	0.2371	0.2612
0.2848	0.3077	0.3301	0.3514	0.3720
0.3922	0.4122	0.4319	0.4506	0.4684
0.4857	0.5029	0.5200	0.5368	0.5537
0.5704	0.5878	0.6053	0.6231	0.6408
0.6581	0.6747	0.6913	0.7103	0.7296
0.7491	0.7685	0.7879	0.8064	0.8247
0.8425	0.8599	0.8773	0.8958	0.9146
0.9334	0.9513	0.9692	0.9854	1.0000

Width:

0.1593	0.2221	0.2740	0.3099	0.3376
0.3628	0.3945	0.4340	0.4677	0.4903
0.5091	0.5288	0.5472	0.5695	0.5916
0.6114	0.6292	0.6461	0.6662	0.6889
0.7107	0.7306	0.7495	0.7683	0.7856
0.8032	0.8167	0.8287	0.8393	0.8501
0.8620	0.8761	0.8896	0.8934	0.8963
0.8993	0.9027	0.9065	0.9124	0.9189
0.9266	0.9354	0.9439	0.9499	0.9552
0.9603	0.9675	0.9746	0.9855	1.0000

Transect C7
Area:

0.0010	0.0028	0.0050	0.0074	0.0103
0.0135	0.0188	0.0320	0.0471	0.0631
0.0797	0.0968	0.1145	0.1326	0.1512
0.1705	0.1906	0.2109	0.2314	0.2522
0.2733	0.2946	0.3161	0.3379	0.3600
0.3823	0.4049	0.4277	0.4508	0.4742
0.4978	0.5217	0.5459	0.5703	0.5950
0.6200	0.6453	0.6708	0.6967	0.7227
0.7491	0.7758	0.8027	0.8300	0.8575
0.8854	0.9134	0.9418	0.9706	1.0000

Hrad:

0.0433	0.0881	0.1311	0.1696	0.2062
0.2356	0.2465	0.2037	0.2003	0.2112
0.2281	0.2477	0.2687	0.2899	0.3106
0.3286	0.3501	0.3733	0.3963	0.4194
0.4422	0.4650	0.4875	0.5099	0.5318
0.5537	0.5751	0.5964	0.6174	0.6383
0.6588	0.6793	0.6993	0.7192	0.7387
0.7581	0.7770	0.7961	0.8150	0.8336
0.8516	0.8694	0.8874	0.9050	0.9224
0.9401	0.9573	0.9736	0.9878	1.0000

Width:

0.0506	0.0662	0.0779	0.0900	0.1020
0.1171	0.3206	0.4903	0.5236	0.5491
0.5676	0.5852	0.6003	0.6174	0.6368
0.6651	0.6788	0.6868	0.6954	0.7035
0.7124	0.7199	0.7284	0.7366	0.7457
0.7543	0.7637	0.7723	0.7816	0.7902
0.7995	0.8077	0.8172	0.8262	0.8357
0.8449	0.8550	0.8637	0.8722	0.8813
0.8920	0.9022	0.9114	0.9212	0.9309
0.9393	0.9487	0.9601	0.9773	1.0000

Transect C9
Area:

0.0032	0.0092	0.0160	0.0234	0.0313
0.0395	0.0479	0.0567	0.0658	0.0752
0.0849	0.0950	0.1055	0.1168	0.1288
0.1416	0.1551	0.1697	0.1851	0.2013
0.2181	0.2355	0.2538	0.2728	0.2924
0.3128	0.3338	0.3555	0.3782	0.4019
0.4263	0.4516	0.4776	0.5044	0.5324
0.5609	0.5898	0.6190	0.6487	0.6787
0.7091	0.7398	0.7709	0.8023	0.8341
0.8663	0.8990	0.9322	0.9658	1.0000

Hrad:

0.0226	0.0527	0.0832	0.1143	0.1448
0.1755	0.2051	0.2337	0.2620	0.2895
0.3154	0.3384	0.3704	0.4032	0.4329
0.4600	0.4848	0.5068	0.5275	0.5471
0.5663	0.5843	0.6015	0.6181	0.6343
0.6503	0.6659	0.6801	0.6928	0.7053
0.7183	0.7314	0.7440	0.7548	0.7658
0.7811	0.7963	0.8119	0.8276	0.8435
0.8595	0.8757	0.8917	0.9080	0.9241
0.9397	0.9550	0.9702	0.9853	1.0000

Width:

0.1522	0.1889	0.2086	0.2217	0.2329
0.2419	0.2509	0.2601	0.2686	0.2772
0.2867	0.2985	0.3155	0.3365	0.3597
0.3830	0.4075	0.4367	0.4578	0.4790
0.4971	0.5190	0.5408	0.5618	0.5815
0.6008	0.6200	0.6446	0.6726	0.6988
0.7226	0.7439	0.7670	0.7962	0.8240
0.8327	0.8446	0.8551	0.8665	0.8774
0.8877	0.8976	0.9085	0.9181	0.9291
0.9422	0.9566	0.9706	0.9844	1.0000

Transect DT01
Area:

0.0006	0.0014	0.0023	0.0046	0.0092
0.0145	0.0203	0.0264	0.0329	0.0398
0.0484	0.0604	0.0749	0.0896	0.1045
0.1195	0.1347	0.1504	0.1666	0.1842
0.2023	0.2204	0.2385	0.2567	0.2748
0.2931	0.3135	0.3387	0.3654	0.3922
0.4191	0.4459	0.4728	0.4997	0.5267
0.5537	0.5823	0.6127	0.6432	0.6736
0.7042	0.7348	0.7654	0.7961	0.8276
0.8601	0.8936	0.9282	0.9636	1.0000

Hrad:

0.0705	0.1191	0.1591	0.1504	0.1524

0.1794	0.2125	0.2468	0.2812	0.3043
0.2954	0.2991	0.3216	0.3513	0.3830
0.4148	0.4429	0.4661	0.4890	0.4975
0.5324	0.5669	0.6009	0.6344	0.6673
0.6994	0.7245	0.7368	0.7502	0.7669
0.7860	0.8066	0.8284	0.8509	0.8740
0.8975	0.7737	0.8004	0.8270	0.8536
0.8800	0.9063	0.9320	0.9291	0.9335
0.9411	0.9539	0.9675	0.9836	1.0000

Width:

0.0184	0.0227	0.0270	0.1118	0.1360
0.1508	0.1617	0.1716	0.1808	0.2013
0.2798	0.3557	0.3994	0.4022	0.4055
0.4098	0.4185	0.4336	0.4504	0.4905
0.4913	0.4922	0.4931	0.4938	0.4943
0.5153	0.6057	0.7266	0.7276	0.7286
0.7292	0.7300	0.7313	0.7325	0.7338
0.7351	0.8272	0.8275	0.8279	0.8291
0.8303	0.8315	0.8338	0.8380	0.8685
0.8992	0.9253	0.9520	0.9758	1.0000

Transect DT02

Area:

0.0005	0.0012	0.0024	0.0041	0.0065
0.0096	0.0134	0.0179	0.0231	0.0316
0.0452	0.0591	0.0732	0.0876	0.1022
0.1171	0.1322	0.1491	0.1673	0.1856
0.2039	0.2222	0.2406	0.2589	0.2773
0.2968	0.3200	0.3455	0.3710	0.3966
0.4222	0.4478	0.4734	0.4991	0.5268
0.5568	0.5869	0.6170	0.6471	0.6772
0.7073	0.7375	0.7677	0.7982	0.8297
0.8620	0.8952	0.9293	0.9642	1.0000

Hrad:

0.0582	0.0948	0.1209	0.1501	0.2091
0.2508	0.2852	0.3134	0.3335	0.3185
0.3004	0.3115	0.3327	0.3576	0.3844
0.4116	0.4367	0.4373	0.4635	0.4904
0.5174	0.5443	0.5711	0.5974	0.6234
0.6456	0.6581	0.6685	0.6818	0.6972
0.7138	0.7314	0.7496	0.7682	0.7206
0.7434	0.7679	0.7924	0.8170	0.8415
0.8659	0.8902	0.9143	0.9222	0.9327
0.9446	0.9565	0.9707	0.9847	1.0000

Width:

0.0160	0.0250	0.0393	0.0574	0.0764
0.0955	0.1132	0.1327	0.1636	0.3723
0.3790	0.3865	0.3935	0.4009	0.4076
0.4146	0.4256	0.5046	0.5050	0.5055
0.5060	0.5064	0.5069	0.5074	0.5084
0.5862	0.7047	0.7054	0.7061	0.7068
0.7075	0.7083	0.7090	0.7097	0.8287
0.8307	0.8312	0.8317	0.8322	0.8327
0.8332	0.8339	0.8345	0.8579	0.8813
0.9048	0.9303	0.9532	0.9776	1.0000

Transect DT03

Area:

0.0011	0.0029	0.0053	0.0083	0.0121
0.0166	0.0220	0.0289	0.0420	0.0570
0.0722	0.0878	0.1037	0.1199	0.1367
0.1546	0.1735	0.1926	0.2118	0.2309
0.2501	0.2693	0.2885	0.3078	0.3272
0.3486	0.3722	0.3959	0.4197	0.4434
0.4672	0.4910	0.5149	0.5418	0.5688
0.5959	0.6229	0.6500	0.6771	0.7042
0.7314	0.7586	0.7861	0.8143	0.8431
0.8726	0.9031	0.9343	0.9666	1.0000

Hrad:

0.0564	0.1088	0.1667	0.2153	0.2533
0.2842	0.3087	0.3186	0.2912	0.2920
0.3081	0.3305	0.3551	0.3789	0.3986
0.4155	0.4375	0.4639	0.4901	0.5162
0.5419	0.5671	0.5919	0.6162	0.6398
0.6577	0.6717	0.6871	0.7033	0.7201
0.7372	0.7544	0.7617	0.7459	0.7684
0.7907	0.8130	0.8352	0.8572	0.8791
0.9008	0.9221	0.9319	0.9434	0.9553
0.9659	0.9760	0.9865	0.9965	1.0000

Width:

0.0458	0.0593	0.0787	0.1005	0.1200
0.1438	0.1712	0.2336	0.4329	0.4416
0.4508	0.4590	0.4671	0.4797	0.5045
0.5405	0.5572	0.5580	0.5587	0.5595
0.5603	0.5611	0.5619	0.5626	0.5786
0.6902	0.6911	0.6921	0.6931	0.6941
0.6951	0.6962	0.7349	0.7888	0.7892
0.7896	0.7900	0.7907	0.7914	0.7922
0.7929	0.7941	0.8135	0.8320	0.8512
0.8743	0.9000	0.9264	0.9551	1.0000

Transect DT04

Area:

0.0010	0.0026	0.0052	0.0091	0.0145
0.0217	0.0365	0.0535	0.0709	0.0886
0.1067	0.1251	0.1440	0.1635	0.1838
0.2048	0.2259	0.2469	0.2680	0.2890
0.3101	0.3312	0.3523	0.3734	0.3945
0.4160	0.4384	0.4609	0.4834	0.5060
0.5285	0.5511	0.5737	0.5963	0.6189
0.6416	0.6642	0.6869	0.7096	0.7323
0.7551	0.7786	0.8031	0.8285	0.8547
0.8819	0.9100	0.9391	0.9691	1.0000

Hrad:

0.0460	0.0790	0.1076	0.1487	0.1752
0.1901	0.1689	0.1828	0.2064	0.2331
0.2611	0.2891	0.3158	0.3412	0.3642
0.3912	0.4192	0.4470	0.4744	0.5014
0.5280	0.5542	0.5800	0.6053	0.6301
0.6537	0.6753	0.6968	0.7180	0.7389
0.7596	0.7800	0.8001	0.8198	0.8393
0.8585	0.8774	0.8959	0.9143	0.9323
0.9452	0.9508	0.9568	0.9638	0.9715
0.9796	0.9880	0.9958	1.0042	1.0000

Width:

0.0414	0.0650	0.1052	0.1440	0.1969
0.2761	0.5352	0.5469	0.5585	0.5702
0.5810	0.5931	0.6101	0.6317	0.6624
0.6693	0.6696	0.6700	0.6703	0.6707
0.6710	0.6713	0.6717	0.6720	0.6723
0.7126	0.7146	0.7164	0.7170	0.7175
0.7181	0.7187	0.7193	0.7198	0.7204
0.7210	0.7216	0.7221	0.7227	0.7233
0.7341	0.7628	0.7927	0.8220	0.8508
0.8800	0.9090	0.9400	0.9691	1.0000

Transect DT05

Area:

0.0015	0.0040	0.0077	0.0129	0.0226
0.0335	0.0461	0.0598	0.0743	0.0895
0.1057	0.1227	0.1407	0.1589	0.1772
0.1956	0.2139	0.2323	0.2507	0.2690
0.2874	0.3058	0.3243	0.3427	0.3611
0.3803	0.4022	0.4245	0.4468	0.4691
0.4915	0.5139	0.5363	0.5587	0.5813
0.6038	0.6265	0.6492	0.6722	0.6962
0.7214	0.7478	0.7753	0.8040	0.8337
0.8647	0.8968	0.9301	0.9645	1.0000

Hrad:

0.0526	0.0924	0.1275	0.1763	0.1852
0.2098	0.2349	0.2627	0.2905	0.3178
0.3438	0.3688	0.3941	0.4234	0.4531
0.4826	0.5116	0.5402	0.5683	0.5959
0.6229	0.6494	0.6753	0.7008	0.7257
0.7483	0.7638	0.7798	0.7964	0.8133
0.8304	0.8476	0.8647	0.8816	0.8985
0.9153	0.9319	0.9483	0.9521	0.9525
0.9527	0.9560	0.9584	0.9634	0.9684
0.9732	0.9797	0.9858	0.9925	1.0000

Width:

0.0565	0.0829	0.1205	0.1892	0.2882
0.3263	0.3672	0.3897	0.4125	0.4354
0.4595	0.4840	0.5039	0.5079	0.5082
0.5085	0.5088	0.5091	0.5094	0.5097
0.5100	0.5103	0.5106	0.5109	0.5112
0.5664	0.6169	0.6177	0.6186	0.6194
0.6202	0.6210	0.6219	0.6235	0.6251
0.6266	0.6281	0.6296	0.6514	0.6818
0.7152	0.7456	0.7793	0.8099	0.8416
0.8748	0.9054	0.9378	0.9695	1.0000

Transect DT05-2

Area:

0.0015	0.0040	0.0077	0.0129	0.0226
0.0335	0.0461	0.0598	0.0743	0.0895
0.1057	0.1227	0.1407	0.1589	0.1772
0.1956	0.2139	0.2323	0.2507	0.2690
0.2874	0.3058	0.3243	0.3427	0.3611
0.3803	0.4022	0.4245	0.4468	0.4691
0.4915	0.5139	0.5363	0.5587	0.5813
0.6038	0.6265	0.6492	0.6722	0.6962
0.7214	0.7478	0.7753	0.8040	0.8337
0.8647	0.8968	0.9301	0.9645	1.0000

Hrad:

0.0526	0.0924	0.1275	0.1763	0.1852
0.2098	0.2349	0.2627	0.2905	0.3178
0.3438	0.3688	0.3941	0.4234	0.4531
0.4826	0.5116	0.5402	0.5683	0.5959
0.6229	0.6494	0.6753	0.7008	0.7257
0.7483	0.7638	0.7798	0.7964	0.8133
0.8304	0.8476	0.8647	0.8816	0.8985
0.9153	0.9319	0.9483	0.9521	0.9525
0.9527	0.9560	0.9584	0.9634	0.9684
0.9732	0.9797	0.9858	0.9925	1.0000

Width:

0.0565	0.0829	0.1205	0.1892	0.2882
0.3263	0.3672	0.3897	0.4125	0.4354
0.4595	0.4840	0.5039	0.5079	0.5082
0.5085	0.5088	0.5091	0.5094	0.5097
0.5100	0.5103	0.5106	0.5109	0.5112

```
            0.5664     0.6169     0.6177     0.6186     0.6194
            0.6202     0.6210     0.6219     0.6235     0.6251
            0.6266     0.6281     0.6296     0.6514     0.6818
            0.7152     0.7456     0.7793     0.8099     0.8416
            0.8748     0.9054     0.9378     0.9695     1.0000


*********************************************************
NOTE: The summary statistics displayed in this report are
based on results found at every computational time step,
not just on results from each reporting time step.
*********************************************************

****************
Analysis Options
****************
Flow Units ............... CFS
Process Models:
  Rainfall/Runoff ........ YES
  RDII ................... NO
  Snowmelt ............... NO
  Groundwater ............ NO
  Flow Routing ........... YES
  Ponding Allowed ........ YES
  Water Quality .......... NO
Flow Routing Method ...... DYNWAVE
Surcharge Method ......... EXTRAN
Starting Date ............ 03/08/2021 00:00:00
Ending Date .............. 03/09/2021 00:00:00
Antecedent Dry Days ...... 0.0
Report Time Step ......... 00:01:00
Routing Time Step ........ 3.00 sec
Variable Time Step ....... YES
Maximum Trials ........... 8
Number of Threads ........ 6
Head Tolerance ........... 0.005000 ft


**************************        Volume         Volume
Flow Routing Continuity        acre-feet      10^6 gal
**************************     ---------      --------
Dry Weather Inflow .......         0.000          0.000
Wet Weather Inflow .......         0.000          0.000
Groundwater Inflow .......         0.000          0.000
RDII Inflow ..............         0.000          0.000
External Inflow ..........        50.131         16.336
External Outflow .........        46.193         15.053
Flooding Loss ............         0.000          0.000
Evaporation Loss .........         0.000          0.000
Exfiltration Loss ........         0.000          0.000
Initial Stored Volume ....         0.000          0.000
Final Stored Volume ......         3.848          1.254
Continuity Error (%) .....         0.179


*************************
Highest Continuity Errors
*************************
Node RO1 (4.07%)
Node J9 (3.58%)
Node 19438 (-2.18%)
Node 52033 (1.68%)
Node 52031 (1.60%)


***************************
Time-Step Critical Elements
***************************
Link 86624_2 (96.00%)


*********************************
Highest Flow Instability Indexes
*********************************
All links are stable.


*************************
Routing Time Step Summary
*************************
Minimum Time Step           :     0.50 sec
Average Time Step           :     0.99 sec
Maximum Time Step           :     3.00 sec
Percent in Steady State     :    -0.00
Average Iterations per Step :     2.01
Percent Not Converging      :     0.02
Time Step Frequencies       :
    3.000 -  2.096 sec      :     3.32 %
    2.096 -  1.465 sec      :     2.54 %
    1.465 -  1.024 sec      :    30.77 %
    1.024 -  0.715 sec      :    44.24 %
    0.715 -  0.500 sec      :    19.12 %


******************
```

```
Node Depth Summary
******************

-------------------------------------------------------------------------------
                              Average  Maximum  Maximum  Time of Max    Reported
                                Depth    Depth      HGL   Occurrence   Max Depth
Node                 Type        Feet     Feet     Feet  days hr:min        Feet
-------------------------------------------------------------------------------
11194                JUNCTION    0.23     2.74  1428.24     0  12:05        2.72
1170                 JUNCTION    1.31     8.55  1422.38     0  12:20        8.55
12874                JUNCTION    0.36     4.73  1410.13     0  12:20        4.73
13426                JUNCTION    0.46     5.08  1440.89     0  12:21        5.08
14273                JUNCTION    1.01    11.58  1430.87     0  12:13       11.58
14274                JUNCTION    0.77     7.31  1443.29     0  12:12        7.31
14741                JUNCTION    0.10     0.68  1414.28     0  12:18        0.68
15018                JUNCTION    0.54     5.92  1433.70     0  12:21        5.92
16375                JUNCTION    0.97     9.87  1429.97     0  12:24        9.87
16378                JUNCTION    0.96    10.42  1427.77     0  12:15       10.42
16456                JUNCTION    0.88     7.97  1428.52     0  12:25        7.97
16613                JUNCTION    0.01     0.51  1417.93     0  12:17        0.50
16614                JUNCTION    0.09     0.76  1417.92     0  12:17        0.76
16615                JUNCTION    0.15     1.32  1415.60     0  12:17        1.32
16616                JUNCTION    0.43     6.58  1409.58     0  12:28        6.58
16617                JUNCTION    0.21     4.65  1409.64     0  12:23        4.65
16618                JUNCTION    0.19     4.14  1409.64     0  12:24        4.14
16619                JUNCTION    0.57     8.00  1409.48     0  12:28        8.00
16620                JUNCTION    0.50     8.58  1409.45     0  12:28        8.58
16621                JUNCTION    0.75    10.14  1409.44     0  12:28       10.14
16622                JUNCTION    0.20     4.57  1409.96     0  12:25        4.55
16623                JUNCTION    0.61     8.68  1409.91     0  12:26        8.67
16624                JUNCTION    0.70     8.95  1409.90     0  12:26        8.95
16626                JUNCTION    0.14     1.41  1426.31     0  12:05        1.41
19039                JUNCTION    0.94    10.72  1434.32     0  12:12       10.72
19041                JUNCTION    0.93    10.16  1432.00     0  12:13       10.15
19042                JUNCTION    0.50     9.97  1430.26     0  12:17        9.97
19043                JUNCTION    0.69    10.88  1430.69     0  12:14       10.87
19438                JUNCTION    0.11     6.48  1432.63     0  12:08        6.48
23252                JUNCTION    0.25     2.27  1444.20     0  12:18        2.27
23652                JUNCTION    0.14     1.46  1414.46     0  12:24        1.46
23653                JUNCTION    0.34     1.36  1414.36     0  12:24        1.36
25064                JUNCTION    0.70     3.81  1442.22     0  12:20        3.81
3151                 JUNCTION    0.09     0.88  1441.95     0  12:04        0.87
3170                 JUNCTION    0.50     3.89  1442.14     0  12:20        3.89
3386                 JUNCTION    0.69     7.15  1438.11     0  12:12        7.15
3909                 JUNCTION    0.64     7.91  1427.07     0  12:22        7.91
3910                 JUNCTION    1.53    10.63  1424.81     0  12:20       10.63
51235                JUNCTION    0.00     0.00  1442.23     0  00:00        0.00
51236                JUNCTION    0.00     0.00  1446.55     0  00:00        0.00
51631                JUNCTION    0.14     1.00  1434.37     0  12:12        1.00
51632                JUNCTION    0.17     1.46  1430.80     0  12:15        1.46
51633                JUNCTION    0.00     0.00  1432.57     0  00:00        0.00
51637                JUNCTION    0.03     2.04  1429.67     0  12:14        1.92
51638                JUNCTION    0.35     5.41  1429.56     0  12:14        5.39
51639                JUNCTION    0.87     6.80  1428.97     0  12:14        6.79
51641                JUNCTION    0.19     4.67  1430.11     0  12:19        4.66
51642                JUNCTION    0.16     4.83  1430.11     0  12:18        4.82
51643                JUNCTION    0.30     7.64  1430.11     0  12:19        7.64
52031                JUNCTION    2.04     7.17  1427.07     0  12:21        7.17
52032                JUNCTION    0.81     4.93  1427.07     0  12:21        4.93
52033                JUNCTION    1.00     5.29  1427.07     0  12:21        5.29
52034                JUNCTION    0.90     5.10  1427.09     0  12:05        5.10
52035                JUNCTION    2.21     7.49  1427.06     0  12:21        7.49
52036                JUNCTION    1.12     5.40  1426.98     0  12:22        5.40
52037                JUNCTION    0.10     6.29  1432.63     0  12:08        6.29
52038                JUNCTION    0.28     7.65  1432.79     0  12:07        7.65
BMP01OUTLET          JUNCTION    0.26     4.41  1421.91     0  12:29        4.41
BMP02OUTLET          JUNCTION    0.88     7.38  1428.28     0  12:11        7.38
D01                  JUNCTION    0.34     2.37  1398.37     0  12:28        2.36
D02                  JUNCTION    0.79     4.56  1402.11     0  12:28        4.56
D03                  JUNCTION    0.94     4.69  1403.09     0  12:28        4.69
D04                  JUNCTION    0.59     3.42  1403.06     0  12:28        3.41
D05                  JUNCTION    0.67     3.23  1407.26     0  12:28        3.23
D06                  JUNCTION    0.58     2.74  1414.50     0  12:25        2.74
J03                  JUNCTION    0.04     0.41  1412.31     0  12:05        0.41
J04                  JUNCTION    0.16     2.70  1409.70     0  12:24        2.70
J05                  JUNCTION    0.13     2.75  1428.45     0  12:05        2.74
J06                  JUNCTION    0.09     0.86  1429.24     0  12:04        0.85
J07                  JUNCTION    0.20     2.07  1441.13     0  12:04        2.06
J08                  JUNCTION    0.00     0.00  1414.93     0  00:00        0.00
J09                  JUNCTION    0.06     0.79  1414.75     0  12:18        0.79
J1                   JUNCTION    0.19     2.19  1414.43     0  12:20        2.19
J10                  JUNCTION    1.22     3.36  1395.36     0  12:30        3.36
J11                  JUNCTION    0.32     6.75  1449.33     0  12:12        6.75
J12                  JUNCTION    0.06     0.90  1429.94     0  12:21        0.90
J13                  JUNCTION    0.05     0.30  1467.07     0  12:07        0.30
J2                   JUNCTION    0.13     0.85  1448.34     0  12:13        0.85
J3                   JUNCTION    0.01     0.07  1434.72     0  12:14        0.07
J4                   JUNCTION    0.10     0.57  1448.07     0  12:18        0.57
J5                   JUNCTION    0.24     1.43  1446.60     0  12:11        1.42
J6                   JUNCTION    0.04     0.70  1423.78     0  12:17        0.70
J7                   JUNCTION    0.77     3.47  1410.10     0  12:26        3.47
J8                   JUNCTION    0.63     3.39  1390.98     0  12:30        3.39
J9                   JUNCTION    4.55     8.76  1395.36     0  12:30        8.76
RO1                  JUNCTION    0.00     0.04  1422.18     0  12:10        0.04
OF1                  OUTFALL     0.62     3.39  1387.39     0  12:30        3.39
```

SU1	STORAGE	3.22	7.46	1424.96	0	12:27	7.46	
SU2	STORAGE	3.33	7.32	1428.32	0	12:05	7.31	

****
Node Inflow Summary
****

Node	Type	Maximum Lateral Inflow CFS	Maximum Total Inflow CFS	Time of Max Occurrence days	hr:min	Lateral Inflow Volume 10^6 gal	Total Inflow Volume 10^6 gal	Flow Balance Error Percent
11194	JUNCTION	9.51	22.42	0	12:05	0.133	0.3	0.027
1170	JUNCTION	0.00	197.85	0	12:23	0	11.1	0.007
12874	JUNCTION	0.00	145.98	0	12:21	0	1.73	0.508
13426	JUNCTION	0.00	162.84	0	12:13	0	3.47	0.674
14273	JUNCTION	0.00	237.81	0	12:12	0	6.9	0.151
14274	JUNCTION	0.00	264.90	0	12:11	0	7.08	0.313
14741	JUNCTION	0.00	8.36	0	12:17	0	0.213	0.040
15018	JUNCTION	0.00	100.72	0	12:21	0	3.45	-0.012
16375	JUNCTION	0.00	100.89	0	12:22	0	4.81	-0.036
16378	JUNCTION	0.00	147.29	0	12:11	0	6.64	0.051
16456	JUNCTION	0.00	29.23	0	12:03	0	1.57	0.020
16613	JUNCTION	0.00	0.03	0	12:10	0	0.000101	0.110
16614	JUNCTION	0.00	9.03	0	12:14	0	0.215	0.715
16615	JUNCTION	0.00	8.36	0	12:17	0	0.213	0.012
16616	JUNCTION	3.23	33.76	0	12:10	0.0604	0.79	0.015
16617	JUNCTION	0.00	2.92	0	12:04	0	0.034	0.017
16618	JUNCTION	2.91	2.91	0	12:04	0.0332	0.0332	-0.010
16619	JUNCTION	6.68	35.79	0	12:12	0.0965	0.883	0.016
16620	JUNCTION	0.00	35.42	0	12:12	0	0.855	-0.119
16621	JUNCTION	0.00	134.44	0	12:27	0	2.67	0.100
16622	JUNCTION	0.00	0.98	0	12:15	0	0.00157	-0.054
16623	JUNCTION	0.00	20.60	0	12:56	0	0.452	-0.102
16624	JUNCTION	4.25	146.16	0	12:21	0.0591	1.78	-0.489
16626	JUNCTION	4.26	26.40	0	12:05	0.0497	0.349	0.005
19039	JUNCTION	0.00	238.82	0	12:12	0	6.87	0.131
19041	JUNCTION	0.00	238.74	0	12:12	0	6.86	-0.058
19042	JUNCTION	0.00	5.05	0	12:11	0	0.0529	0.012
19043	JUNCTION	0.00	5.79	0	12:11	0	0.055	0.043
19438	JUNCTION	0.00	2.30	0	12:08	0	0.00355	-2.131
23252	JUNCTION	0.00	74.71	0	12:18	0	2.06	0.233
23652	JUNCTION	0.00	86.07	0	12:27	0	1.55	0.008
23653	JUNCTION	0.00	197.85	0	12:23	0	11.1	0.007
25064	JUNCTION	0.00	33.35	0	12:17	0	1.79	-0.017
3151	JUNCTION	13.93	13.93	0	12:04	0.166	0.166	0.004
3170	JUNCTION	0.00	118.80	0	12:18	0	2.86	-0.034
3386	JUNCTION	0.00	238.83	0	12:12	0	6.87	-0.092
3909	JUNCTION	0.00	81.57	0	12:09	0	4.6	0.000
3910	JUNCTION	0.00	197.85	0	12:23	0	11.2	0.053
51235	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 gal
51236	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 gal
51631	JUNCTION	13.09	13.09	0	12:12	0.278	0.278	-0.251
51632	JUNCTION	10.10	15.92	0	12:10	0.114	0.392	0.258
51633	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 gal
51637	JUNCTION	0.00	1.77	0	12:07	0	0.00146	0.160
51638	JUNCTION	0.00	24.05	0	12:06	0	0.395	-0.003
51639	JUNCTION	9.80	100.58	0	12:14	0.11	0.738	-1.194
51641	JUNCTION	2.35	2.35	0	12:04	0.0264	0.0277	-0.138
51642	JUNCTION	0.00	4.45	0	12:13	0	0.0323	-0.018
51643	JUNCTION	0.00	5.49	0	12:12	0	0.0475	0.246
52031	JUNCTION	0.00	29.14	0	12:14	0	0.582	1.628
52032	JUNCTION	0.00	19.23	0	12:15	0	0.0962	0.206
52033	JUNCTION	0.00	113.30	0	12:05	0	1.02	1.710
52034	JUNCTION	0.00	113.17	0	12:05	0	0.93	0.594
52035	JUNCTION	2.52	129.99	0	12:08	0.0281	1.76	-0.787
52036	JUNCTION	0.00	49.11	0	12:19	0	0.684	-0.011
52037	JUNCTION	0.00	1.03	0	12:05	0	0.000131	-10.802
52038	JUNCTION	17.03	17.03	0	12:08	0.274	0.275	0.516
BMP01OUTLET	JUNCTION	0.00	86.19	0	12:27	0	1.55	0.011
BMP02OUTLET	JUNCTION	0.00	29.36	0	12:03	0	1.51	0.002
D01	JUNCTION	2.40	417.22	0	12:28	0.0277	15.7	0.017
D02	JUNCTION	0.00	417.00	0	12:28	0	15.7	0.010
D03	JUNCTION	0.00	417.05	0	12:28	0	15.7	0.026
D04	JUNCTION	1.51	325.48	0	12:28	0.0188	13.2	0.036
D05	JUNCTION	0.53	323.49	0	12:27	0.00673	12.9	0.076
D06	JUNCTION	3.06	283.35	0	12:25	0.0358	12.7	0.032
J03	JUNCTION	0.00	26.41	0	12:05	0	0.349	0.056
J04	JUNCTION	24.37	24.37	0	12:10	0.479	0.482	0.122
J05	JUNCTION	0.00	13.85	0	12:04	0	0.166	0.002
J06	JUNCTION	0.00	13.91	0	12:04	0	0.166	0.004
J07	JUNCTION	0.00	13.91	0	12:04	0	0.166	0.008
J08	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 gal
J09	JUNCTION	20.83	155.86	0	12:17	0.327	1.74	0.089
J1	JUNCTION	0.00	153.19	0	12:18	0	1.73	0.434
J10	JUNCTION	0.00	417.38	0	12:28	0	15.7	0.813
J11	JUNCTION	0.00	41.42	0	12:07	0	0.609	-0.662
J12	JUNCTION	13.09	119.65	0	12:20	0.15	1.25	0.158
J13	JUNCTION	41.66	41.66	0	12:07	0.613	0.613	0.680
J2	JUNCTION	163.06	163.06	0	12:13	3.48	3.48	0.051
J3	JUNCTION	9.04	9.04	0	12:14	0.215	0.215	0.058
J4	JUNCTION	74.80	74.80	0	12:18	2.06	2.06	-0.011
J5	JUNCTION	265.34	265.34	0	12:11	5.31	5.31	-0.094
J6	JUNCTION	0.00	149.74	0	12:17	0	1.41	0.128
J7	JUNCTION	0.00	283.17	0	12:25	0	12.7	0.240
J8	JUNCTION	0.00	413.60	0	12:30	0	15.1	0.053
J9	JUNCTION	0.00	414.58	0	12:29	0	15.6	3.709
RO1	JUNCTION	0.00	1.97	0	12:09	0	0.00218	4.238
OF1	OUTFALL	0.00	413.04	0	12:30	0	15.1	0.000
SU1	STORAGE	1.12	96.29	0	12:19	0.0196	1.96	0.713
SU2	STORAGE	142.30	142.30	0	12:05	2.18	2.33	0.158

****
Node Surcharge Summary
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Surcharging occurs when water rises above the top of the highest conduit.

Node	Type	Hours Surcharged	Max. Height Above Crown Feet	Min. Depth Below Rim Feet
1170	JUNCTION	0.81	3.554	3.646
3910	JUNCTION	0.87	5.631	5.569
52037	JUNCTION	0.27	5.040	0.310
J05	JUNCTION	0.08	0.748	1.162
J07	JUNCTION	0.02	0.031	2.033

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Node Flooding Summary
****

No nodes were flooded.

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Storage Volume Summary
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Storage Unit	Average Volume 1000 ft3	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 ft3	Max Pcnt Full	Time of Max Occurrence days	hr:min	Maximum Outflow CFS
SU1	29.270	27	0	0	80.842	75	0	12:27	86.19
SU2	10.925	26	0	0	36.115	85	0	12:05	140.47

****
Outfall Loading Summary
****

Outfall Node	Flow Freq Pcnt	Avg Flow CFS	Max Flow CFS	Total Volume 10^6 gal
OF1	53.09	61.06	413.04	15.052
System	53.09	61.06	413.04	15.052

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Link Flow Summary
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Link	Type	Maximum |Flow| CFS	Time of Max Occurrence days	hr:min	Maximum |Veloc| ft/sec	Max/ Full Flow	Max/ Full Depth
26126	CONDUIT	417.38	0	12:28	14.61	0.34	0.48
29037	CONDUIT	5.05	0	12:11	4.11	1.03	1.00
29038	CONDUIT	5.79	0	12:11	4.72	0.76	1.00
29039	CONDUIT	39.42	0	12:53	9.93	0.81	1.00
29040	CONDUIT	101.43	0	12:06	14.36	0.98	1.00
30304	CONDUIT	103.46	0	12:09	14.64	0.85	1.00
30306_1	CONDUIT	127.96	0	12:10	13.30	1.10	1.00
30306_2	CONDUIT	129.66	0	12:10	13.48	1.09	1.00
33414	CONDUIT	81.57	0	12:09	11.54	0.92	1.00
33415	CONDUIT	81.04	0	12:09	11.47	0.47	1.00
33421	CONDUIT	125.08	0	12:13	7.86	0.78	1.00
33422	CONDUIT	147.29	0	12:11	9.26	1.05	1.00
33570	CONDUIT	29.03	0	12:03	9.24	1.42	1.00
33571	CONDUIT	29.23	0	12:03	9.30	1.22	1.00
34005	CONDUIT	0.03	0	12:10	0.15	0.01	0.51
34006	CONDUIT	8.36	0	12:17	6.70	0.71	0.66
34007	CONDUIT	8.36	0	12:17	7.89	0.46	0.81
34008	CONDUIT	25.06	0	12:10	8.51	0.21	1.00
34009	CONDUIT	8.36	0	12:18	6.09	0.42	0.73
34010	CONDUIT	2.90	0	12:04	3.61	0.34	1.00
34011	CONDUIT	2.92	0	12:04	5.13	0.43	1.00
34012	CONDUIT	32.09	0	12:12	5.23	0.49	1.00
34013	CONDUIT	35.42	0	12:12	5.88	0.72	1.00
34014	CONDUIT	92.37	0	12:37	13.07	1.86	1.00
34015	CONDUIT	35.24	0	12:12	5.15	0.27	1.00

34016	CONDUIT	20.59	0	12:56	11.65	0.89	1.00
34017	CONDUIT	4.68	0	12:54	3.81	0.38	1.00
34018	CONDUIT	48.96	0	12:52	9.97	2.78	1.00
34019	CONDUIT	36.50	0	12:54	7.44	1.28	1.00
34026	CONDUIT	13.91	0	12:04	4.96	0.87	0.84
34027	CONDUIT	22.41	0	12:05	7.40	1.42	0.92
34028	CONDUIT	26.41	0	12:05	19.11	0.35	0.46
34066	CONDUIT	197.85	0	12:23	10.08	1.73	1.00
76613	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
77008	CONDUIT	13.07	0	12:13	7.84	0.46	0.57
77010	CONDUIT	24.91	0	12:54	8.13	1.75	1.00
77012	CONDUIT	33.35	0	12:17	10.62	0.27	1.00
77013	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
77014	CONDUIT	16.23	0	12:06	8.49	0.55	0.87
77409	CONDUIT	0.00	0	00:00	0.00	0.00	0.30
77808	CONDUIT	1.77	0	12:07	1.89	0.10	1.00
77809	CONDUIT	2.36	0	12:04	4.22	0.54	1.00
77810	CONDUIT	2.54	0	12:31	7.22	0.18	1.00
77811	CONDUIT	4.76	0	12:11	3.88	0.34	1.00
77812	CONDUIT	16.92	0	12:07	5.11	0.55	1.00
77814	CONDUIT	29.14	0	12:14	5.94	0.85	1.00
78208	CONDUIT	21.40	0	12:45	4.36	0.74	1.00
78209	CONDUIT	71.18	0	12:08	14.50	1.34	1.00
78210	CONDUIT	5.36	0	12:03	4.37	1.10	1.00
78211	CONDUIT	11.05	0	12:03	9.00	3.82	1.00
78212	CONDUIT	11.69	0	12:04	9.52	1.84	1.00
78213	CONDUIT	86.07	0	12:27	15.39	0.59	0.74
78214	CONDUIT	197.85	0	12:23	15.05	0.57	0.64
78215	CONDUIT	1.03	0	12:05	0.86	0.13	1.00
78216	CONDUIT	2.30	0	12:08	1.87	0.29	1.00
78217	CONDUIT	11.94	0	12:45	4.30	0.25	1.00
78218	CONDUIT	15.03	0	12:08	8.50	1.18	1.00
86624_1	CONDUIT	13.85	0	12:04	5.77	0.27	0.71
86624_2	CONDUIT	13.81	0	12:04	4.40	0.27	1.00
86628	CONDUIT	13.91	0	12:04	5.75	0.25	0.72
C1	CHANNEL	0.00	0	00:00	0.00	0.00	0.04
C10	CHANNEL	197.92	0	12:22	4.65	0.01	0.19
C11	CHANNEL	0.00	0	00:00	0.00	0.00	0.03
C12	CONDUIT	0.00	0	00:00	0.00	0.00	0.21
C13	CONDUIT	24.87	0	12:11	10.34	1.09	1.00
C13_1	CHANNEL	0.00	0	00:00	0.00	0.00	0.02
C13_2	CHANNEL	1.20	0	12:10	0.42	0.04	0.61
C14	CHANNEL	26.24	0	12:15	0.83	0.01	0.27
C15	CHANNEL	109.09	0	12:05	3.55	0.03	0.21
C16	CONDUIT	0.00	0	00:00	0.00	0.00	0.25
C17	CHANNEL	139.56	0	12:21	4.53	0.00	0.03
C18	CHANNEL	107.93	0	12:26	1.44	0.00	0.03
C19	CONDUIT	41.12	0	12:18	5.41	0.11	0.38
C2	CHANNEL	41.97	0	12:28	0.80	0.03	0.61
C20	CHANNEL	7.82	0	12:52	0.60	0.02	0.31
C21	CHANNEL	0.00	0	00:00	0.00	0.00	0.50
C21_1	CHANNEL	153.19	0	12:18	1.29	0.00	0.13
C21_2	CHANNEL	145.98	0	12:21	8.09	0.00	0.07
C22	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C22_1	CHANNEL	119.24	0	12:21	4.86	0.00	0.03
C23	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C24	CHANNEL	7.09	0	12:29	0.61	0.00	0.01
C25	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C25_1	CHANNEL	115.34	0	12:20	3.54	0.00	0.07
C26	CHANNEL	16.00	0	12:16	1.04	0.22	0.94
C27	CHANNEL	111.07	0	12:06	1.64	0.00	0.07
C28	CHANNEL	28.81	0	12:20	1.59	0.30	0.74
C29	CONDUIT	27.72	0	12:20	3.18	0.35	0.50
C3	CONDUIT	19.67	0	12:05	1.86	0.01	0.57
C30	CHANNEL	1.97	0	12:09	6.16	0.02	0.15
C31	CHANNEL	9.90	0	12:25	0.56	0.01	0.20
C32	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C33	CONDUIT	48.12	0	12:21	5.66	0.30	0.85
C34	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C35	CHANNEL	19.23	0	12:15	1.26	0.00	0.07
C35_1	CHANNEL	69.91	0	12:14	4.41	0.02	0.19
C35_2	CHANNEL	148.75	0	12:17	3.68	0.00	0.07
C36	CONDUIT	78.44	0	12:40	11.10	0.73	1.00
C37	CHANNEL	9.03	0	12:14	0.86	0.00	0.01
C38	CHANNEL	162.84	0	12:13	2.07	0.00	0.16
C39	CHANNEL	35.81	0	12:22	3.47	0.00	0.01
C4	CHANNEL	414.58	0	12:29	>50.00	0.00	0.21
C40	CHANNEL	74.71	0	12:18	1.35	0.02	0.36
C41	CONDUIT	152.16	0	12:12	8.93	0.65	0.85
C42	CONDUIT	167.13	0	12:12	8.99	0.06	0.19
C43	CONDUIT	139.73	0	12:12	8.47	0.22	0.42
C44	CONDUIT	0.00	0	00:00	0.00	0.00	0.05
C45	CHANNEL	264.90	0	12:11	2.31	0.00	0.33
C46	CONDUIT	169.46	0	12:13	6.46	0.25	0.44
C47	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C48	CONDUIT	1.59	0	12:25	0.39	0.03	0.60
C49	CONDUIT	3.77	0	12:28	0.34	0.01	0.81
C5	CONDUIT	100.72	0	12:21	14.99	0.91	1.00
C50	CONDUIT	1.52	0	12:14	0.18	0.01	0.43
C51	CONDUIT	2.75	0	12:19	0.56	0.02	0.25
C52	CHANNEL	41.42	0	12:07	5.64	0.00	0.08
C6	CONDUIT	26.36	0	12:05	3.73	0.23	0.71
C7	CHANNEL	413.04	0	12:30	5.20	0.01	0.15
C8	CONDUIT	1.88	0	12:29	0.38	0.01	0.14
C9	CHANNEL	86.38	0	12:27	1.82	0.01	0.25
C999	CONDUIT	85.97	0	12:13	3.37	0.22	0.47
DT01	CHANNEL	416.99	0	12:28	9.12	0.00	0.07
DT02	CHANNEL	417.00	0	12:28	8.31	0.00	0.08
DT03	CHANNEL	325.22	0	12:28	4.22	0.00	0.07
DT04	CHANNEL	322.49	0	12:28	7.77	0.00	0.06
DT05_1	CHANNEL	283.16	0	12:25	7.88	0.00	0.05
DT05_2	CHANNEL	282.45	0	12:26	7.33	0.00	0.06
OR1	ORIFICE	3.79	0	12:00			1.00
OR2	ORIFICE	27.68	0	12:01			
OR3	ORIFICE	0.61	0	12:12			1.00
OR4	ORIFICE	85.74	0	12:27			
OR5	ORIFICE	413.60	0	12:30			
W1	WEIR	113.17	0	12:05			0.32
W2	WEIR	0.00	0	00:00			0.00

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Flow Classification Summary
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Conduit	Adjusted /Actual Length	Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl
		Fraction of Time in Flow Class								
26126	1.00	0.04	0.00	0.00	0.87	0.08	0.00	0.00	0.81	0.00
29037	1.00	0.24	0.00	0.00	0.59	0.00	0.00	0.17	0.39	0.00
29038	1.00	0.08	0.17	0.00	0.67	0.08	0.00	0.00	0.06	0.00
29039	1.00	0.00	0.03	0.00	0.36	0.60	0.00	0.00	0.50	0.00
29040	1.00	0.00	0.00	0.00	0.35	0.64	0.00	0.00	0.00	0.00
30304	1.00	0.07	0.00	0.00	0.29	0.63	0.00	0.00	0.66	0.00
30306_1	1.00	0.07	0.00	0.00	0.06	0.20	0.00	0.66	0.00	0.00
30306_2	1.00	0.07	0.00	0.00	0.06	0.00	0.00	0.87	0.00	0.00
33414	1.00	0.23	0.00	0.00	0.06	0.00	0.00	0.70	0.00	0.00
33415	1.00	0.08	0.16	0.00	0.59	0.18	0.00	0.00	0.63	0.00
33421	1.00	0.08	0.05	0.00	0.88	0.00	0.00	0.00	0.79	0.00
33422	1.00	0.07	0.00	0.00	0.33	0.59	0.00	0.00	0.05	0.00
33570	1.00	0.23	0.00	0.00	0.55	0.08	0.00	0.13	0.00	0.00
33571	1.00	0.23	0.00	0.00	0.36	0.22	0.00	0.19	0.00	0.00
34005	1.00	0.38	0.54	0.00	0.09	0.00	0.00	0.00	0.47	0.00
34006	1.00	0.39	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00
34007	1.00	0.38	0.00	0.00	0.02	0.61	0.00	0.00	0.51	0.00
34008	1.00	0.02	0.29	0.00	0.19	0.50	0.00	0.00	0.79	0.00
34009	1.00	0.09	0.31	0.00	0.34	0.26	0.00	0.00	0.54	0.00
34010	1.00	0.09	0.00	0.00	0.56	0.35	0.00	0.00	0.51	0.00
34011	1.00	0.08	0.00	0.00	0.08	0.84	0.00	0.00	0.00	0.00
34012	1.00	0.09	0.00	0.00	0.45	0.46	0.00	0.00	0.73	0.00
34013	1.00	0.09	0.00	0.00	0.06	0.00	0.00	0.85	0.00	0.00
34014	1.00	0.04	0.05	0.00	0.91	0.00	0.00	0.00	0.68	0.00
34015	1.00	0.09	0.00	0.00	0.12	0.45	0.00	0.34	0.04	0.00
34016	1.00	0.07	0.00	0.00	0.06	0.00	0.00	0.87	0.00	0.00
34017	1.00	0.48	0.01	0.00	0.06	0.00	0.00	0.46	0.01	0.00
34018	1.00	0.16	0.00	0.00	0.06	0.00	0.00	0.78	0.00	0.00
34019	1.00	0.11	0.06	0.00	0.62	0.00	0.00	0.21	0.09	0.00
34026	1.00	0.03	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00
34027	1.00	0.03	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00
34028	1.00	0.03	0.00	0.00	0.00	0.97	0.00	0.00	0.00	0.00
34066	1.00	0.08	0.00	0.00	0.92	0.00	0.00	0.00	0.00	0.00
76613	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
77008	1.00	0.06	0.00	0.00	0.00	0.04	0.00	0.90	0.01	0.00
77010	1.00	0.34	0.03	0.00	0.08	0.00	0.00	0.55	0.01	0.00
77012	1.00	0.02	0.00	0.00	0.41	0.57	0.00	0.00	0.41	0.00
77013	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
77014	1.00	0.12	0.00	0.00	0.05	0.01	0.00	0.81	0.02	0.00
77409	1.00	0.40	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
77808	1.00	0.32	0.62	0.00	0.05	0.00	0.00	0.00	0.48	0.00
77809	1.00	0.24	0.00	0.00	0.09	0.68	0.00	0.00	0.00	0.00
77810	1.00	0.24	0.00	0.00	0.05	0.00	0.00	0.71	0.01	0.00
77811	1.00	0.24	0.00	0.00	0.13	0.02	0.00	0.61	0.07	0.00
77812	1.00	0.12	0.00	0.00	0.53	0.00	0.00	0.34	0.47	0.00
77814	1.00	0.13	0.00	0.00	0.82	0.06	0.00	0.00	0.27	0.00
78208	1.00	0.13	0.00	0.00	0.55	0.00	0.00	0.32	0.00	0.00
78209	1.00	0.13	0.00	0.00	0.52	0.00	0.00	0.35	0.00	0.00
78210	1.00	0.47	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.00
78211	1.00	0.47	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.00
78212	1.00	0.47	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.00
78213	1.00	0.15	0.00	0.00	0.03	0.82	0.00	0.00	0.01	0.00
78214	1.00	0.08	0.05	0.00	0.11	0.76	0.00	0.00	0.15	0.00
78215	1.00	0.47	0.00	0.00	0.52	0.00	0.00	0.00	0.47	0.00
78216	1.00	0.31	0.61	0.00	0.08	0.00	0.00	0.00	0.47	0.00
78217	1.00	0.20	0.00	0.00	0.53	0.09	0.00	0.18	0.03	0.00
78218	1.00	0.20	0.00	0.00	0.52	0.00	0.00	0.28	0.47	0.00
86624_1	1.00	0.03	0.00	0.00	0.01	0.95	0.00	0.00	0.29	0.00
86624_2	1.00	0.03	0.00	0.00	0.58	0.39	0.00	0.00	0.47	0.00
86628	1.00	0.03	0.00	0.00	0.01	0.89	0.00	0.07	0.78	0.00
C1	1.00	0.31	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C10	1.00	0.08	0.00	0.00	0.92	0.00	0.00	0.00	0.72	0.00
C11	1.00	0.48	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C12	1.00	0.03	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C13	1.00	0.02	0.00	0.00	0.80	0.18	0.00	0.00	0.55	0.00
C13_1	1.00	0.48	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C13_2	1.00	0.09	0.39	0.00	0.52	0.00	0.00	0.00	0.49	0.00
C14	1.00	0.95	0.00	0.00	0.05	0.00	0.00	0.00	0.47	0.00
C15	1.00	0.94	0.00	0.00	0.05	0.00	0.00	0.01	0.00	0.00
C16	1.00	0.94	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C17	1.00	0.95	0.00	0.00	0.04	0.00	0.00	0.01	0.02	0.00
C18	1.00	0.95	0.01	0.00	0.00	0.00	0.04	0.00	0.00	0.00
C19	1.00	0.94	0.02	0.00	0.01	0.02	0.00	0.00	0.49	0.00
C2	1.00	0.24	0.74	0.00	0.02	0.00	0.00	0.00	0.48	0.00
C20	1.00	0.95	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00
C21	1.00	0.09	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C21_1	1.00	0.19	0.13	0.00	0.68	0.00	0.00	0.00	0.69	0.00
C21_2	1.00	0.21	0.00	0.00	0.00	0.00	0.00	0.79	0.00	0.00
C22	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C22_1	1.00	0.32	0.00	0.00	0.00	0.00	0.00	0.68	0.00	0.00
C23	1.00	0.98	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C24	1.00	0.98	0.00	0.00	0.02	0.00	0.00	0.00	0.01	0.00
C25	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C25_1	1.00	0.94	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00
C26	1.00	0.94	0.00	0.00	0.05	0.00	0.00	0.00	0.47	0.00
C27	1.00	0.95	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00
C28	1.00	0.95	0.00	0.00	0.05	0.00	0.00	0.00	0.47	0.00
C29	1.00	0.94	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
C3	1.00	0.04	0.91	0.00	0.04	0.00	0.01	0.00	0.01	0.00
C30	1.00	0.48	0.52	0.00	0.00	0.01	0.00	0.00	0.49	0.00
C31	1.00	0.95	0.02	0.00	0.03	0.00	0.00	0.00	0.49	0.00
C32	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C33	1.00	0.14	0.81	0.00	0.03	0.02	0.00	0.00	0.48	0.00
C34	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C35	1.00	0.95	0.04	0.00	0.02	0.00	0.00	0.00	0.49	0.00
C35_1	1.00	0.28	0.71	0.00	0.01	0.00	0.00	0.00	0.49	0.00
C35_2	1.00	0.24	0.03	0.00	0.71	0.02	0.00	0.00	0.52	0.00
C36	1.00	0.25	0.03	0.00	0.10	0.63	0.00	0.00	0.61	0.00
C37	1.00	0.38	0.01	0.00	0.60	0.02	0.00	0.00	0.54	0.00
C38	1.00	0.00	0.26	0.00	0.72	0.02	0.00	0.00	0.61	0.00
C39	1.00	0.96	0.00	0.00	0.00	0.01	0.00	0.03	0.00	0.00
C4	1.00	0.05	0.00	0.00	0.89	0.05	0.00	0.00	0.29	0.00
C40	1.00	0.02	0.08	0.00	0.88	0.01	0.00	0.00	0.81	0.00
C41	1.00	0.97	0.00	0.00	0.00	0.02	0.00	0.00	0.49	0.00
C42	1.00	0.97	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
C43	1.00	0.98	0.00	0.00	0.00	0.02	0.00	0.00	0.49	0.00
C44	1.00	0.99	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C45	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.80	0.00
C46	1.00	0.98	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
C47	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C48	1.00	0.98	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
C49	1.00	0.97	0.01	0.00	0.02	0.00	0.00	0.00	0.48	0.00
C5	1.00	0.00	0.00	0.00	0.03	0.01	0.00	0.95	0.00	0.00
C50	1.00	0.98	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C51	1.00	0.96	0.02	0.00	0.01	0.00	0.00	0.00	0.49	0.00
C52	1.00	0.27	0.00	0.00	0.02	0.00	0.00	0.71	0.01	0.00
C6	1.00	0.03	0.00	0.00	0.96	0.00	0.00	0.00	0.88	0.00
C7	1.00	0.47	0.00	0.00	0.53	0.00	0.00	0.00	0.19	0.00
C8	1.00	0.98	0.01	0.00	0.01	0.00	0.00	0.00	0.48	0.00
C9	1.00	0.09	0.07	0.00	0.84	0.00	0.00	0.00	0.64	0.00
C999	1.00	0.98	0.00	0.00	0.02	0.00	0.00	0.00	0.49	0.00
DT01	1.00	0.05	0.00	0.00	0.00	0.00	0.00	0.95	0.00	0.00
DT02	1.00	0.04	0.00	0.00	0.93	0.03	0.00	0.00	0.06	0.00
DT03	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.83	0.00
DT04	1.00	0.03	0.20	0.00	0.18	0.58	0.00	0.00	0.06	0.00
DT05_1	1.00	0.09	0.00	0.00	0.89	0.02	0.00	0.00	0.64	0.00
DT05_2	1.00	0.09	0.00	0.00	0.91	0.00	0.00	0.00	0.00	0.00

****
Conduit Surcharge Summary
****

Conduit	Hours Full: Both Ends	Hours Full: Upstream	Hours Full: Dnstream	Hours Above Full Normal Flow	Hours Capacity Limited
29037	0.94	0.94	1.23	0.01	0.07
29038	1.25	1.25	2.48	0.01	0.01
29039	0.82	0.83	0.84	0.01	0.12
29040	0.68	0.74	0.68	0.01	0.63
30304	0.68	0.68	0.80	0.01	0.01
30306_1	0.73	0.76	0.73	0.01	0.73
30306_2	0.71	0.74	0.71	0.02	0.52
33414	0.73	0.82	0.73	0.01	0.73
33415	0.74	0.74	1.36	0.01	0.01
33421	0.78	0.78	0.93	0.01	0.01
33422	0.71	0.71	0.78	0.10	0.25
33570	0.93	0.96	0.93	0.41	0.37
33571	0.94	0.97	0.94	0.14	0.38
34007	0.01	0.01	0.12	0.01	0.01
34008	0.19	0.19	0.64	0.01	0.01
34009	0.01	0.01	0.76	0.01	0.01
34010	0.58	0.58	0.83	0.01	0.01
34011	0.50	0.50	0.58	0.01	0.01
34012	0.60	0.60	0.73	0.01	0.01
34013	0.73	0.73	0.77	0.01	0.10
34014	0.84	0.84	0.87	0.75	0.83
34015	0.77	0.77	0.84	0.01	0.01
34016	0.78	0.78	0.80	0.01	0.09
34017	0.68	0.68	0.75	0.01	0.01
34018	0.79	0.81	0.79	0.52	0.79
34019	0.80	0.80	0.80	0.01	0.12
34026	0.01	0.03	0.01	0.01	0.01
34027	0.01	0.09	0.01	0.09	0.01
34066	0.81	0.87	0.81	0.89	0.81
77010	0.84	1.12	0.84	0.25	0.74
77012	0.45	0.45	1.12	0.01	0.01
77014	0.01	0.01	0.64	0.01	0.01
77808	0.13	0.13	0.66	0.01	0.01
77809	0.36	0.36	0.36	0.01	0.01
77810	0.36	0.36	0.55	0.01	0.01
77811	0.72	0.72	0.89	0.01	0.01
77812	0.54	0.54	0.71	0.01	0.01
77814	0.71	0.71	11.93	0.01	0.01
78208	11.93	11.93	11.93	0.01	0.01
78209	11.91	11.93	11.91	0.17	0.68
78210	1.68	1.68	11.94	0.01	0.01
78211	11.90	11.90	11.95	0.14	0.20
78212	11.94	11.94	11.94	0.10	0.10
78213	0.01	0.26	0.01	0.01	0.01
78214	0.01	0.81	0.01	0.01	0.01
78215	0.27	0.27	0.31	0.01	0.01
78216	0.31	0.31	0.62	0.01	0.01
78217	0.98	0.98	11.94	0.01	0.01
78218	0.54	0.54	11.92	0.11	0.14
86624_1	0.01	0.01	0.08	0.01	0.01
86624_2	0.08	0.08	0.09	0.01	0.03
86628	0.01	0.01	0.02	0.01	0.01
C13	0.34	0.34	0.86	0.31	0.33
C13_2	0.01	0.01	11.87	0.01	0.01
C2	0.01	0.01	11.63	0.01	0.01
C26	0.01	0.01	0.32	0.01	0.01
C3	0.01	0.01	11.95	0.01	0.01
C33	0.01	0.01	11.91	0.01	0.01
C36	0.57	0.57	0.81	0.01	0.01
C49	0.01	0.01	11.78	0.01	0.01
C5	0.42	0.42	0.54	0.01	0.31
C6	0.01	0.01	2.12	0.01	0.01

Analysis begun on: Tue Jun 15 12:53:07 2021
Analysis ended on: Tue Jun 15 12:53:13 2021
Total elapsed time: 00:00:06

ALTERNATIVE A 10-YEAR SWMM OUTPUTS

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ALTERNATIVE RUNOFF METHOD (ARM) - PCSWMM VERSION 7.4.3202
---------------------------------------------------------

This is a new version of ARM - your feedback and suggestions are solicited.
Create a ticket, post on the PCSWMM feature request forum, or email us directly!

Simulation start time:                  03/08/2021 00:00:00
Simulation end time:                    03/09/2021 00:00:00
Runoff wet weather time steps:          60 seconds
Report time steps:                      60 seconds
Number of data points:                  1441


******************************
Unit Hydrographs Runoff Method
******************************

-----------------------------------------------------------------------------------------------------------------------
-----------------------------------------------
                                                                                Area   Time of Concentration  Time to Peak
Time after Peak    Peak UH Flow    UH Depth
  Subcatchment         Runoff Method             Raingage                      (ac)   (min)                  (min)
(min)              (CFS/in)        (in)
-----------------------------------------------------------------------------------------------------------------------
-----------------------------------------------
  DA-2                 Dimensionless UH (483.4)  10YR                         10.306 8.89                   5.83
23.69              80.08214        0.992
  DA-5                 Dimensionless UH (483.4)  10YR                         4.523  10.88                  7.03
29                 29.1707         0.996
  DA-6                 Dimensionless UH (483.4)  10YR                         66.259 17.6                   11.06
46.92              271.51338       1.001
  DA-1A                Dimensionless UH (483.4)  10YR                         0.49   5                      3.5
13.33              6.34462         0.994
  DA-1B                Dimensionless UH (483.4)  10YR                         0.822  9.21                   6.03
24.55              6.18188         0.993
  DA-4                 Dimensionless UH (483.4)  10YR                         1.823  5                      3.5
13.33              23.60459        0.994
  DA-4A                Dimensionless UH (483.4)  10YR                         3.454  7.7                    5.12
20.53              30.57245        0.991
  DA-4B                Dimensionless UH (483.4)  10YR                         0.578  5                      3.5
13.33              7.48407         0.994
  DA-8                 Dimensionless UH (483.4)  10YR                         0.946  5                      3.5
13.33              12.24901        0.994
  DA-8C                Dimensionless UH (483.4)  10YR                         0.685  5                      3.5
13.33              8.86953         0.994
  DA-2A                Dimensionless UH (483.4)  10YR                         0.959  8.15                   5.39
21.74              8.05872         0.992
  DA-8A                Dimensionless UH (483.4)  10YR                         0.259  5                      3.5
13.33              3.35359         0.994
  DA-8B                Dimensionless UH (483.4)  10YR                         0.675  5                      3.5
13.33              8.74004         0.994
  DA-3A                Dimensionless UH (483.4)  10YR                         6.017  19.37                  12.12
51.64              22.49488        1.001
  DA-3D                Dimensionless UH (483.4)  10YR                         0.422  5                      3.5
13.33              5.46415         0.994
  DA-3B                Dimensionless UH (483.4)  10YR                         0.823  14.27                  9.06
38.05              4.11552         0.998
  DA-3                 Dimensionless UH (483.4)  10YR                         16.963 12.69                  8.12
33.84              94.72865        0.998
  DA-3C                Dimensionless UH (483.4)  10YR                         0.762  7.16                   4.8
19.09              7.20125         0.991
  DA-3E                Dimensionless UH (483.4)  10YR                         1.984  8.71                   5.73
23.23              15.69755        0.992
  DA-7A                Dimensionless UH (483.4)  10YR                         3.578  5                      3.5
13.33              46.32871        0.994
  DA-7C                Dimensionless UH (483.4)  10YR                         30.176 10.48                  6.79
27.93              201.5354        0.995
  DA-7B                Dimensionless UH (483.4)  10YR                         10.638 5                      3.5
13.33              137.7431        0.994
  DA-1E                Dimensionless UH (483.4)  10YR                         127.361 15.23                  9.64
40.61              598.78842       1
  DA-1C_2              Dimensionless UH (483.4)  10YR                         6.76   16.8                   10.58
44.79              28.95603        1.001
  DA-1C_4              Dimensionless UH (483.4)  10YR                         1.582  5                      3.5
13.33              20.48407        0.994
  DA-1C_1              Dimensionless UH (483.4)  10YR                         1.969  5                      3.5
13.33              25.49503        0.994
  DA-1C_5              Dimensionless UH (483.4)  10YR                         0.477  5                      3.5
13.33              6.1763          0.994
  DA-1D_1              Dimensionless UH (483.4)  10YR                         53.971 24.9                   15.44
66.37              158.43773       1.001
  DA-1D_2              Dimensionless UH (483.4)  10YR                         3.469  5                      3.5
13.33              44.91736        0.994
  DA-1D_3              Dimensionless UH (483.4)  10YR                         12.776 9.02                   5.91
24.05              97.91523        0.993


******************
ARM Runoff Summary
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--------------------------------------------------------------------------------------
                     Total       Total       Total       Total       Peak        Runoff
                     Precip      Losses      Runoff      Runoff      Runoff      Coeff
Subcatchment         (in)        (in)        (in)        10^6 gal    CFS         (fraction)
--------------------------------------------------------------------------------------
DA-2                 3.87        2.699       1.168       0.327       20.83       0.302
DA-5                 3.87        1.637       2.229       0.274       17.034      0.576
DA-6                 3.87        1.931       1.932       3.476       163.061     0.499
DA-1A                3.87        1.752       2.115       0.028       2.517       0.546
DA-1B                3.87        2.987       0.88        0.02        1.117       0.227
DA-4                 3.87        0.507       3.359       0.166       13.929      0.868
DA-4A                3.87        2.444       1.423       0.133       9.506       0.368
DA-4B                3.87        0.699       3.167       0.05        4.259       0.818
DA-8                 3.87        2.474       1.393       0.036       3.062       0.36
DA-8C                3.87        2.376       1.491       0.028       2.396       0.385
DA-2A                3.87        1.6         2.268       0.059       4.253       0.586
DA-8A                3.87        2.911       0.957       0.007       0.526       0.247
DA-8B                3.87        2.841       1.027       0.019       1.506       0.265
DA-3A                3.87        2.548       1.315       0.215       9.042       0.34
DA-3D                3.87        0.971       2.896       0.033       2.91        0.748
DA-3B                3.87        2.271       1.595       0.036       1.858       0.412
DA-3                 3.87        2.827       1.039       0.479       24.374      0.269
DA-3C                3.87        2.67        1.197       0.025       1.771       0.309
DA-3E                3.87        2.075       1.793       0.097       6.683       0.463
DA-7A                3.87        1.031       2.836       0.276       24.25       0.733
DA-7C                3.87        2.533       1.333       1.092       65.817      0.344
DA-7B                3.87        1.066       2.799       0.809       71.351      0.723
DA-1E                3.87        2.328       1.535       5.308       265.347     0.397
DA-1C_2              3.87        2.348       1.515       0.278       13.086      0.391
DA-1C_4              3.87        1.22        2.647       0.114       10.103      0.684
DA-1C_1              3.87        1.816       2.051       0.11        9.796       0.53
DA-1C_5              3.87        1.832       2.035       0.026       2.353       0.526
DA-1D_1              3.87        2.458       1.403       2.056       74.806      0.363
DA-1D_2              3.87        2.271       1.596       0.15        13.093      0.412
DA-1D_3              3.87        2.098       1.767       0.613       41.668      0.457


EPA STORM WATER MANAGEMENT MODEL - VERSION 5.1 (Build 5.1.015)
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SMALL PRIVATE AND PUBLIC BMP FOOTPRINT

WARNING 04: minimum elevation drop used for Conduit C20
WARNING 03: negative offset ignored for Link C37
WARNING 03: negative offset ignored for Link C40
WARNING 02: maximum depth increased for Node 11194
WARNING 02: maximum depth increased for Node 12874
WARNING 02: maximum depth increased for Node 13426
WARNING 02: maximum depth increased for Node 14273
WARNING 02: maximum depth increased for Node 14274
WARNING 02: maximum depth increased for Node 15018
WARNING 02: maximum depth increased for Node 16375
WARNING 02: maximum depth increased for Node 16378
WARNING 02: maximum depth increased for Node 16456
WARNING 02: maximum depth increased for Node 16614
WARNING 02: maximum depth increased for Node 16616
WARNING 02: maximum depth increased for Node 16617
WARNING 02: maximum depth increased for Node 16618
WARNING 02: maximum depth increased for Node 16619
WARNING 02: maximum depth increased for Node 16620
WARNING 02: maximum depth increased for Node 16621
WARNING 02: maximum depth increased for Node 16622
WARNING 02: maximum depth increased for Node 16623
WARNING 02: maximum depth increased for Node 16624
WARNING 02: maximum depth increased for Node 19039
WARNING 02: maximum depth increased for Node 19041
WARNING 02: maximum depth increased for Node 19042
WARNING 02: maximum depth increased for Node 19043
WARNING 02: maximum depth increased for Node 19438
WARNING 02: maximum depth increased for Node 23252
WARNING 02: maximum depth increased for Node 23652
WARNING 02: maximum depth increased for Node 23653
WARNING 02: maximum depth increased for Node 25064
WARNING 02: maximum depth increased for Node 3170
WARNING 02: maximum depth increased for Node 3386
WARNING 02: maximum depth increased for Node 3909
WARNING 02: maximum depth increased for Node 51631
WARNING 02: maximum depth increased for Node 51632
WARNING 02: maximum depth increased for Node 51633
WARNING 02: maximum depth increased for Node 51637
WARNING 02: maximum depth increased for Node 51638
WARNING 02: maximum depth increased for Node 51639
WARNING 02: maximum depth increased for Node 51641
WARNING 02: maximum depth increased for Node 51642
WARNING 02: maximum depth increased for Node 51643
WARNING 02: maximum depth increased for Node 52031
WARNING 02: maximum depth increased for Node 52032
WARNING 02: maximum depth increased for Node 52033
WARNING 02: maximum depth increased for Node 52034
WARNING 02: maximum depth increased for Node 52035
WARNING 02: maximum depth increased for Node 52036
WARNING 02: maximum depth increased for Node 52038
WARNING 02: maximum depth increased for Node BMP02OUTLET
WARNING 02: maximum depth increased for Node D01
WARNING 02: maximum depth increased for Node D02
WARNING 02: maximum depth increased for Node D03
WARNING 02: maximum depth increased for Node J04
WARNING 02: maximum depth increased for Node J10
WARNING 02: maximum depth increased for Node J11
WARNING 02: maximum depth increased for Node J9
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****
Element Count
****
Number of rain gages 4
Number of subcatchments ... 0
Number of nodes 90
Number of links 137
Number of pollutants 0
Number of land uses 0

****
Raingage Summary
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Name	Data Source	Data Type	Recording Interval
100YR	100YR	CUMULATIVE	1 min.
10YR	10YR	CUMULATIVE	1 min.
25YR	25YR	CUMULATIVE	1 min.
2YR	2YR	CUMULATIVE	60 min.

****
Node Summary
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Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
11194	JUNCTION	1425.50	4.40	0.0	
1170	JUNCTION	1413.83	12.20	0.0	
12874	JUNCTION	1405.40	37.27	0.0	
13426	JUNCTION	1435.81	18.24	0.0	
14273	JUNCTION	1419.29	12.77	0.0	
14274	JUNCTION	1435.98	13.37	0.0	
14741	JUNCTION	1413.60	8.00	0.0	
15018	JUNCTION	1427.78	40.70	0.0	
16375	JUNCTION	1420.10	44.64	0.0	
16378	JUNCTION	1417.35	19.04	0.0	
16456	JUNCTION	1420.55	10.01	0.0	
16613	JUNCTION	1417.42	3.98	0.0	
16614	JUNCTION	1417.16	37.23	0.0	
16615	JUNCTION	1414.28	11.58	0.0	
16616	JUNCTION	1403.00	45.26	0.0	
16617	JUNCTION	1404.99	43.31	0.0	
16618	JUNCTION	1405.50	50.70	0.0	
16619	JUNCTION	1401.48	41.66	0.0	
16620	JUNCTION	1400.87	10.44	0.0	
16621	JUNCTION	1399.30	41.69	0.0	
16622	JUNCTION	1405.39	8.00	0.0	
16623	JUNCTION	1401.23	11.56	0.0	
16624	JUNCTION	1400.95	40.54	0.0	
16626	JUNCTION	1424.90	6.40	0.0	
19039	JUNCTION	1423.60	14.92	0.0	
19041	JUNCTION	1421.84	11.28	0.0	
19042	JUNCTION	1420.29	11.50	0.0	
19043	JUNCTION	1419.81	12.00	0.0	
19438	JUNCTION	1426.15	6.88	0.0	
23252	JUNCTION	1441.92	3.00	0.0	
23652	JUNCTION	1413.00	8.33	0.0	
23653	JUNCTION	1413.00	10.90	0.0	
25064	JUNCTION	1438.41	4.30	0.0	
3151	JUNCTION	1441.07	3.00	0.0	
3170	JUNCTION	1438.25	8.48	0.0	
3386	JUNCTION	1430.96	11.22	0.0	
3909	JUNCTION	1419.16	11.70	0.0	
3910	JUNCTION	1414.18	16.20	0.0	
51235	JUNCTION	1442.23	8.30	0.0	
51236	JUNCTION	1446.55	4.00	0.0	
51631	JUNCTION	1433.37	9.80	0.0	
51632	JUNCTION	1429.34	8.40	0.0	
51633	JUNCTION	1432.57	5.20	0.0	
51637	JUNCTION	1427.63	5.00	0.0	
51638	JUNCTION	1424.15	8.10	0.0	
51639	JUNCTION	1422.17	9.43	0.0	
51641	JUNCTION	1425.44	5.10	0.0	
51642	JUNCTION	1425.28	5.20	0.0	
51643	JUNCTION	1422.47	8.53	0.0	
52031	JUNCTION	1419.90	9.77	0.0	
52032	JUNCTION	1422.14	13.14	0.0	
52033	JUNCTION	1421.78	17.07	0.0	
52034	JUNCTION	1421.99	9.19	0.0	
52035	JUNCTION	1419.57	18.97	0.0	
52036	JUNCTION	1421.58	6.91	0.0	
52037	JUNCTION	1426.34	6.60	0.0	
52038	JUNCTION	1425.14	8.51	0.0	
BMP01OUTLET	JUNCTION	1417.50	8.50	0.0	
BMP02OUTLET	JUNCTION	1420.90	9.10	0.0	
D01	JUNCTION	1396.00	62.62	0.0	
D02	JUNCTION	1397.55	61.62	0.0	
D03	JUNCTION	1398.40	59.53	0.0	
D04	JUNCTION	1399.65	59.68	0.0	
D05	JUNCTION	1404.03	59.68	0.0	
D06	JUNCTION	1411.76	59.42	0.0	
J03	JUNCTION	1411.90	2.00	0.0	
J04	JUNCTION	1407.00	34.97	0.0	
J05	JUNCTION	1425.70	3.91	0.0	
J06	JUNCTION	1428.38	14.20	0.0	
J07	JUNCTION	1439.06	4.10	0.0	
J08	JUNCTION	1414.93	34.97	0.0	
J09	JUNCTION	1413.96	11.43	0.0	
J1	JUNCTION	1412.25	33.27	0.0	
J10	JUNCTION	1392.00	28.53	0.0	
J11	JUNCTION	1442.58	14.38	0.0	
J12	JUNCTION	1429.04	32.53	0.0	
J13	JUNCTION	1466.77	8.76	0.0	
J2	JUNCTION	1447.49	18.24	0.0	
J3	JUNCTION	1434.64	37.23	0.0	
J4	JUNCTION	1447.50	1.33	0.0	
J5	JUNCTION	1445.18	13.37	0.0	
J6	JUNCTION	1423.08	35.51	0.0	
J7	JUNCTION	1406.63	59.42	0.0	
J8	JUNCTION	1387.59	22.26	0.0	
J9	JUNCTION	1386.60	28.53	0.0	
RO1	JUNCTION	1422.14	0.91	0.0	
OF1	OUTFALL	1384.00	22.26	0.0	
BMP_ALTB	STORAGE	1414.00	7.00	0.0	
SU1	STORAGE	1417.50	9.00	0.0	
SU2	STORAGE	1421.00	8.00	0.0	

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Link Summary
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Name	From Node	To Node	Type	Length	%Slope	Roughness
26126	D01	J10	CONDUIT	287.4	1.3921	0.0130
29037	19042	19043	CONDUIT	80.2	0.5737	0.0130
29038	19043	14273	CONDUIT	37.4	1.3921	0.0130
29039	3170	14274	CONDUIT	91.8	2.4729	0.0130
29040	14274	3386	CONDUIT	210.1	2.3902	0.0130
30304	3386	19039	CONDUIT	223.1	3.3005	0.0130
30306_1	19039	19041	CONDUIT	123.2	1.3478	0.0130
30306_2	19041	14273	CONDUIT	110.6	1.4021	0.0130
33414	16375	3909	CONDUIT	51.0	1.7650	0.0130
33415	3909	3910	CONDUIT	75.0	6.6547	0.0130
33421	16378	3910	CONDUIT	482.1	0.6575	0.0130
33422	14273	16378	CONDUIT	380.4	0.5100	0.0130
33570	16456	16375	CONDUIT	43.0	0.8140	0.0130
33571	BMP02OUTLET	16456	CONDUIT	31.0	0.8065	0.0110
34005	16613	16614	CONDUIT	52.6	0.4942	0.0130
34006	16615	14741	CONDUIT	53.8	1.2635	0.0130
34007	16614	16615	CONDUIT	37.2	7.7722	0.0130
34008	J04	16616	CONDUIT	49.7	8.0815	0.0130
34009	14741	16616	CONDUIT	290.8	3.6476	0.0130
34010	16617	16616	CONDUIT	113.3	1.7564	0.0130
34011	16618	16617	CONDUIT	65.5	0.7784	0.0110
34012	16616	16619	CONDUIT	160.1	0.9492	0.0130
34013	16619	16620	CONDUIT	93.1	0.5476	0.0130
34014	16621	D03	CONDUIT	162.0	0.5556	0.0130
34015	16620	16621	CONDUIT	38.0	3.8713	0.0130
34016	12874	16623	CONDUIT	65.0	4.8827	0.0130
34017	16622	16623	CONDUIT	82.0	3.5510	0.0130
34018	16624	16621	CONDUIT	174.0	0.1839	0.0130
34019	16623	16624	CONDUIT	37.0	0.4865	0.0130
34026	J07	J06	CONDUIT	12.3	0.4978	0.0130
34027	11194	16626	CONDUIT	82.0	0.4878	0.0130
34028	16626	J03	CONDUIT	117.0	11.1803	0.0130
34066	3910	1170	CONDUIT	53.0	0.6604	0.0240
76613	51236	51235	CONDUIT	76.8	5.5024	0.0130
77008	51631	51632	CONDUIT	249.5	1.5751	0.0130
77010	25064	3170	CONDUIT	20.1	0.3979	0.0130
77012	23252	25064	CONDUIT	20.7	17.2267	0.0100
77013	51633	51632	CONDUIT	73.5	0.9937	0.0130
77014	51632	51638	CONDUIT	299.8	1.6978	0.0130
77409	51235	51631	CONDUIT	198.2	4.4239	0.0130
77808	51637	51638	CONDUIT	81.1	4.1702	0.0100
77809	51641	51642	CONDUIT	34.6	0.4624	0.0130
77810	51642	51643	CONDUIT	26.0	4.6189	0.0130
77811	51643	19042	CONDUIT	41.7	4.7330	0.0130
77812	51638	51639	CONDUIT	330.8	0.5684	0.0130
77814	51639	52031	CONDUIT	326.7	0.6948	0.0130
78208	52031	52035	CONDUIT	46.0	0.5000	0.0130
78209	52035	SU1	CONDUIT	34.0	1.6767	0.0130
78210	52032	52033	CONDUIT	46.0	0.5652	0.0130
78211	52034	52033	CONDUIT	55.0	0.2000	0.0130
78212	52033	52035	CONDUIT	81.0	0.9630	0.0130
78213	BMP01OUTLET	23652	CONDUIT	133.0	3.3854	0.0110
78214	1170	23653	CONDUIT	46.0	1.8046	0.0130
78215	52037	19438	CONDUIT	12.0	1.5835	0.0130
78216	19438	52038	CONDUIT	61.0	1.4920	0.0130
78217	52036	52035	CONDUIT	44.0	4.3450	0.0130
78218	52038	52036	CONDUIT	234.0	1.4788	0.0130
86624_1	J06	J05	CONDUIT	52.8	5.0848	0.0130
86624_2	J05	11194	CONDUIT	3.9	5.0840	0.0130
86628	3151	J07	CONDUIT	33.6	5.8762	0.0130
C1	J08	J04	CONDUIT	66.4	12.0378	0.0350
C10	23653	D06	CONDUIT	36.4	3.4102	0.0400
C11	52038	RO1	CONDUIT	144.6	7.4870	0.0200
C12	11194	J03	CONDUIT	199.8	8.5413	0.0350

C13	J11	3170	CONDUIT	208.9	2.0733	0.0130
C13_1	3909	RO1	CONDUIT	200.7	3.8943	0.0200
C13_2	RO1	J7	CONDUIT	214.5	7.2500	0.0200
C14	52031	52035	CONDUIT	48.3	0.2689	0.0200
C15	52034	52033	CONDUIT	62.2	0.3377	0.0200
C16	51631	3170	CONDUIT	33.6	1.5472	0.0200
C17	12874	16624	CONDUIT	78.8	0.9896	0.0200
C18	16624	16621	CONDUIT	199.1	-0.2060	0.0200
C19	23252	3170	CONDUIT	38.4	5.9338	0.0200
C2	16621	D05	CONDUIT	63.9	7.8435	0.0350
C20	16623	16624	CONDUIT	41.7	0.0024	0.0200
C21	16622	J7	CONDUIT	71.2	6.8785	0.0200
C21_1	J09	J1	CONDUIT	81.2	2.1104	0.0350
C21_2	J1	12874	CONDUIT	92.7	3.0721	0.0350
C22	16618	16616	CONDUIT	176.1	4.5125	0.0350
C22_1	J12	J6	CONDUIT	299.3	0.9950	0.0200
C23	16616	16619	CONDUIT	161.0	0.5652	0.0200
C24	16619	16621	CONDUIT	112.4	0.1958	0.0200
C25	16617	16616	CONDUIT	114.4	0.0350	0.0350
C25_1	3170	J12	CONDUIT	622.9	1.2852	0.0200
C26	52032	52033	CONDUIT	49.2	0.7319	0.0200
C27	52033	52035	CONDUIT	84.3	0.3676	0.0200
C28	52036	52035	CONDUIT	47.9	0.4382	0.0200
C29	25064	3170	CONDUIT	20.7	0.2898	0.0200
C3	BMP02OUTLET	SU2	CONDUIT	35.4	20.1433	0.0100
C30	19438	RO1	CONDUIT	138.1	7.5191	0.0200
C31	16456	52036	CONDUIT	185.1	1.1181	0.0200
C32	51632	51638	CONDUIT	300.8	1.8256	0.0200
C33	52036	SU1	CONDUIT	63.3	14.0034	0.0350
C34	51637	51638	CONDUIT	86.3	0.4405	0.0200
C35	16378	52032	CONDUIT	200.4	0.5528	0.0200
C35_1	51639	J6	CONDUIT	151.3	3.4965	0.0330
C35_2	J6	BMP_ALTB	CONDUIT	295.4	0.7052	0.0350
C36	15018	16375	CONDUIT	288.5	2.6282	0.0130
C37	J3	16614	CONDUIT	106.7	16.6085	0.0200
C38	J2	13426	CONDUIT	412.9	2.8297	0.0350
C39	15018	16375	CONDUIT	189.8	1.9709	0.0200
C4	J10	J9	CONDUIT	266.6	2.0260	0.0450
C40	J4	23252	CONDUIT	216.8	2.5732	0.0350
C41	14274	3386	CONDUIT	217.4	2.4544	0.0200
C42	3386	19039	CONDUIT	226.9	1.6136	0.0200
C43	19039	19041	CONDUIT	129.3	1.8556	0.0200
C44	19042	51643	CONDUIT	50.0	1.5809	0.0100
C45	J5	14274	CONDUIT	160.9	5.7239	0.0330
C46	19041	14273	CONDUIT	117.6	0.9041	0.0200
C47	51633	51632	CONDUIT	80.2	0.0374	0.0200
C48	51641	51642	CONDUIT	38.7	0.1549	0.0200
C49	51642	51643	CONDUIT	33.6	4.4939	0.0200
C5	13426	15018	CONDUIT	218.5	2.7608	0.0130
C50	19043	14273	CONDUIT	41.7	1.8044	0.0200
C51	51643	J12	CONDUIT	76.9	0.5985	0.0200
C52	J13	J11	CONDUIT	279.7	6.6519	0.0200
C54	BMP_ALTB	12874	CONDUIT	135.0	5.9364	0.0130
C6	J03	D04	CONDUIT	34.5	37.9813	0.0800
C7	J8	OF1	CONDUIT	305.6	1.1763	0.0450
C8	16620	16621	CONDUIT	42.3	0.6621	0.0350
C9	23652	D06	CONDUIT	32.3	3.8479	0.0400
C999	14273	51639	CONDUIT	236.3	0.9260	0.0350
DT01	D02	D01	CONDUIT	27.3	2.0086	0.0450
DT02	D03	D02	CONDUIT	42.5	2.0064	0.0450
DT03	D04	D03	CONDUIT	58.6	2.1275	0.0450
DT04	D05	D04	CONDUIT	157.9	2.7802	0.0450
DT05_1	D06	J7	CONDUIT	118.9	4.3155	0.0450
DT05_2	J7	D05	CONDUIT	159.1	1.6329	0.0450
OR1	SU2	BMP02OUTLET	ORIFICE			
OR2	SU2	BMP02OUTLET	ORIFICE			
OR3	SU1	BMP01OUTLET	ORIFICE			
OR4	SU1	BMP01OUTLET	ORIFICE			
OR5	J9	J8	ORIFICE			
BMP4_CREST	BMP_ALTB	J09	WEIR			
BMP4_ES	BMP_ALTB	J09	WEIR			
W1	SU2	52034	WEIR			
W2	SU1	J09	WEIR			

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Cross Section Summary
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Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
26126	RECT_CLOSED	6.00	60.00	1.88	10.00	1	1230.46
29037	CIRCULAR	1.25	1.23	0.31	1.25	1	4.89
29038	CIRCULAR	1.25	1.23	0.31	1.25	1	7.62
29039	CIRCULAR	2.25	3.98	0.56	2.25	1	48.70
29040	CIRCULAR	3.00	7.07	0.75	3.00	1	103.12
30304	CIRCULAR	3.00	7.07	0.75	3.00	1	121.17
30306_1	CIRCULAR	3.50	9.62	0.88	3.50	1	116.80
30306_2	CIRCULAR	3.50	9.62	0.88	3.50	1	119.13
33414	CIRCULAR	3.00	7.07	0.75	3.00	1	88.61
33415	CIRCULAR	3.00	7.07	0.75	3.00	1	172.06
33421	CIRCULAR	4.50	15.90	1.13	4.50	1	159.46
33422	CIRCULAR	4.50	15.90	1.13	4.50	1	140.43
33570	CIRCULAR	2.00	3.14	0.50	2.00	1	20.41
33571	CIRCULAR	2.00	3.14	0.50	2.00	1	24.01
34005	CIRCULAR	1.25	1.23	0.31	1.25	1	4.54
34006	CIRCULAR	1.50	1.77	0.38	1.50	1	11.81
34007	CIRCULAR	1.25	1.23	0.31	1.25	1	18.01
34008	CIRCULAR	2.50	4.91	0.63	2.50	1	116.60
34009	CIRCULAR	1.50	1.77	0.38	1.50	1	20.06
34010	CIRCULAR	1.25	1.23	0.31	1.25	1	8.56
34011	CIRCULAR	1.25	1.23	0.31	1.25	1	6.74
34012	CIRCULAR	3.00	7.07	0.75	3.00	1	64.98
34013	CIRCULAR	3.00	7.07	0.75	3.00	1	49.36
34014	CIRCULAR	3.00	7.07	0.75	3.00	1	49.71
34015	CIRCULAR	3.00	7.07	0.75	3.00	1	131.23
34016	CIRCULAR	1.50	1.77	0.38	1.50	1	23.21
34017	CIRCULAR	1.25	1.23	0.31	1.25	1	12.17
34018	CIRCULAR	2.50	4.91	0.63	2.50	1	17.59
34019	CIRCULAR	2.50	4.91	0.63	2.50	1	28.61
34026	CIRCULAR	2.00	3.14	0.50	2.00	1	15.96
34027	CIRCULAR	2.00	3.14	0.50	2.00	1	15.80
34028	CIRCULAR	2.00	3.14	0.50	2.00	1	75.64
34066	CIRCULAR	5.00	19.63	1.25	5.00	1	114.64
76613	CIRCULAR	1.25	1.23	0.31	1.25	1	15.15
77008	CIRCULAR	2.00	3.14	0.50	2.00	1	28.39
77010	CIRCULAR	2.00	3.14	0.50	2.00	1	14.27
77012	CIRCULAR	2.00	3.14	0.50	2.00	1	122.06
77013	CIRCULAR	1.25	1.23	0.31	1.25	1	6.44
77014	CIRCULAR	2.00	3.14	0.50	2.00	1	29.48
77409	CIRCULAR	1.50	1.77	0.38	1.50	1	22.09
77808	CIRCULAR	1.25	1.23	0.31	1.25	1	17.15
77809	CIRCULAR	1.25	1.23	0.31	1.25	1	4.39
77810	CIRCULAR	1.25	1.23	0.31	1.25	1	13.88
77811	CIRCULAR	1.25	1.23	0.31	1.25	1	14.05
77812	CIRCULAR	2.50	4.91	0.63	2.50	1	30.92
77814	CIRCULAR	2.50	4.91	0.63	2.50	1	34.19
78208	CIRCULAR	2.50	4.91	0.63	2.50	1	29.00
78209	CIRCULAR	2.50	4.91	0.63	2.50	1	53.11
78210	CIRCULAR	1.25	1.23	0.31	1.25	1	4.86
78211	CIRCULAR	1.25	1.23	0.31	1.25	1	2.89
78212	CIRCULAR	1.25	1.23	0.31	1.25	1	6.34
78213	CIRCULAR	3.00	7.07	0.75	3.00	1	145.03
78214	CIRCULAR	5.00	19.63	1.25	5.00	1	349.87
78215	CIRCULAR	1.25	1.23	0.31	1.25	1	8.13
78216	CIRCULAR	1.25	1.23	0.31	1.25	1	7.89
78217	CIRCULAR	2.00	3.14	0.50	2.00	1	47.16
78218	CIRCULAR	1.50	1.77	0.38	1.50	1	12.77
86624_1	CIRCULAR	2.00	3.14	0.50	2.00	1	51.01
86624_2	CIRCULAR	2.00	3.14	0.50	2.00	1	51.01
86628	CIRCULAR	2.00	3.14	0.50	2.00	1	54.84
C1	C1	34.97	1854.93	10.46	82.35	1	130689.38
C10	C10	10.90	555.89	6.76	82.53	1	13634.43
C11	C11	0.71	22.87	0.48	47.85	1	283.47
C12	RECT_OPEN	1.00	10.00	1.00	10.00	1	124.08
C13	CIRCULAR	1.75	2.41	0.44	1.75	1	22.82
C13_1	C13_1	0.91	38.82	0.64	60.76	1	421.11
C13_2	C13_2	0.19	6.03	0.12	51.19	1	28.92
C14	C14	3.47	309.53	2.77	110.55	1	2352.49
C15	C15	5.09	295.16	4.26	69.00	1	3348.99
C16	RECT_OPEN	1.00	20.00	1.00	20.00	1	184.84
C17	C17	32.87	6962.29	14.05	251.68	1	299680.29
C18	C18	31.85	8046.20	23.01	301.76	1	219474.00
C19	RECT_OPEN	1.00	20.00	1.00	20.00	1	361.98
C2	C2	1.85	156.60	0.78	200.72	1	1573.26
C20	C20	4.17	474.37	3.17	147.12	1	372.00
C21	C21	1.87	62.90	1.26	50.31	1	1426.24
C21_1	C21_1	11.43	2641.30	5.24	318.64	1	49161.63
C21_2	C21_2	33.27	2986.60	17.58	114.52	1	150240.77
C22	C22	38.10	8782.21	20.48	286.71	1	592956.07
C22_1	C22_1	32.53	4184.92	16.92	163.38	1	204428.19
C23	C23	33.89	3823.94	12.74	147.59	1	116530.75
C24	C24	31.96	4441.47	16.49	163.59	1	94583.38
C25	C22	38.10	8782.21	20.48	286.71	1	52200.84
C25_1	C25_1	5.08	740.84	3.52	209.47	1	14438.34
C26	C26	0.95	19.17	0.45	42.12	1	71.16
C27	C27	12.47	8757.27	11.02	782.10	1	195336.38
C28	C28	1.14	32.39	0.47	68.23	1	96.65
C29	RECT_OPEN	1.00	20.00	1.00	20.00	1	80.00
C3	RECT_OPEN	2.00	20.00	2.00	10.00	1	2117.39
C30	C30	0.53	11.90	0.35	33.42	1	120.49
C31	C31	2.21	145.90	1.54	92.89	1	1526.36
C32	RECT_OPEN	1.00	20.00	1.00	20.00	1	200.78
C33	RECT_OPEN	1.00	10.00	1.00	10.00	1	158.88
C34	RECT_OPEN	1.00	20.00	1.00	20.00	1	98.63
C35	C35	9.04	892.81	6.52	128.45	1	17206.93
C35_1	C35_1	3.23	271.96	2.34	120.73	1	4037.27
C35_2	C35_2	11.10	2396.05	4.88	320.40	1	24591.97
C36	CIRCULAR	3.00	7.07	0.75	3.00	1	108.13
C37	C37	37.23	4038.41	15.51	138.90	1	760452.52
C38	C38	18.24	2174.72	11.18	222.49	1	77647.07
C39	C39	35.03	3790.90	24.12	132.99	1	330062.23
C4	C4	28.53	4638.39	17.25	282.94	1	145553.80
C40	C40	1.33	70.03	0.97	71.76	1	467.74
C41	RECT_OPEN	1.00	20.00	1.00	20.00	1	232.81
C42	RECT_OPEN	5.00	100.00	5.00	20.00	1	2759.73
C43	RECT_OPEN	2.00	40.00	2.00	20.00	1	642.65
C44	RECT_OPEN	1.00	20.00	1.00	20.00	1	373.68
C45	C45	13.37	1889.08	7.39	250.43	1	77180.11
C46	RECT_OPEN	2.00	60.00	2.00	30.00	1	672.88

C47	RECT_OPEN	1.00	20.00	1.00	20.00	1	28.74
C48	RECT_OPEN	1.00	20.00	1.00	20.00	1	58.48
C49	RECT_OPEN	1.00	20.00	1.00	20.00	1	315.01
C5	CIRCULAR	3.00	7.07	0.75	3.00	1	110.82
C50	RECT_OPEN	1.00	20.00	1.00	20.00	1	199.61
C51	RECT_OPEN	1.00	20.00	1.00	20.00	1	114.96
C52	C52	8.76	1057.10	5.01	170.39	1	59281.65
C54	CIRCULAR	1.50	1.77	0.38	1.50	1	25.59
C6	RECT_OPEN	1.00	10.00	1.00	10.00	1	114.48
C7	C7	22.26	3186.92	7.10	212.90	1	42145.74
C8	RECT_OPEN	2.00	40.00	2.00	20.00	1	219.35
C9	C9	8.33	481.18	4.44	99.46	1	9471.00
C999	RECT_OPEN	2.00	60.00	2.00	30.00	1	389.13
DT01	DT01	61.62	14305.93	13.22	427.19	1	374329.56
DT02	DT02	59.53	12882.08	14.20	391.51	1	353335.62
DT03	DT03	59.24	11754.29	14.98	339.83	1	344104.62
DT04	DT04	59.68	8971.62	18.10	236.16	1	340536.12
DT05_1	DT05	59.42	5772.85	15.88	175.25	1	250161.79
DT05_2	DT05-2	59.42	5772.85	15.88	175.25	1	153881.42

****
Transect Summary
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Transect C1
Area:

0.0047	0.0159	0.0296	0.0445	0.0606
0.0777	0.0963	0.1158	0.1352	0.1547
0.1743	0.1939	0.2135	0.2332	0.2529
0.2726	0.2923	0.3121	0.3318	0.3516
0.3714	0.3913	0.4111	0.4310	0.4509
0.4708	0.4908	0.5107	0.5307	0.5507
0.5707	0.5908	0.6108	0.6309	0.6510
0.6712	0.6913	0.7115	0.7317	0.7519
0.7721	0.7924	0.8126	0.8329	0.8539
0.8802	0.9101	0.9400	0.9699	1.0000

Hrad:

0.0436	0.0716	0.1053	0.1374	0.1682
0.1967	0.2210	0.2498	0.2785	0.3067
0.3345	0.3616	0.3880	0.4139	0.4392
0.4639	0.4880	0.5116	0.5347	0.5573
0.5795	0.6013	0.6226	0.6435	0.6641
0.6844	0.7043	0.7239	0.7432	0.7622
0.7809	0.7994	0.8176	0.8356	0.8533
0.8709	0.8882	0.9053	0.9223	0.9390
0.9556	0.9720	0.9882	1.0043	0.9839
0.9498	0.9647	0.9805	0.9965	1.0000

Width:

0.2571	0.4260	0.4606	0.5008	0.5330
0.5699	0.6249	0.6262	0.6275	0.6289
0.6302	0.6315	0.6328	0.6337	0.6344
0.6351	0.6358	0.6364	0.6371	0.6378
0.6384	0.6391	0.6398	0.6405	0.6411
0.6418	0.6425	0.6431	0.6438	0.6445
0.6451	0.6458	0.6465	0.6472	0.6478
0.6485	0.6492	0.6498	0.6505	0.6512
0.6519	0.6525	0.6532	0.6539	0.7590
0.9601	0.9628	0.9631	0.9634	1.0000

Transect C10
Area:

0.0040	0.0113	0.0197	0.0288	0.0386
0.0490	0.0597	0.0709	0.0824	0.0943
0.1065	0.1191	0.1321	0.1454	0.1591
0.1731	0.1876	0.2025	0.2178	0.2336
0.2499	0.2668	0.2843	0.3023	0.3210
0.3403	0.3603	0.3810	0.4024	0.4245
0.4473	0.4710	0.4954	0.5206	0.5465
0.5733	0.6010	0.6297	0.6591	0.6889
0.7189	0.7491	0.7796	0.8103	0.8413
0.8725	0.9040	0.9357	0.9678	1.0000

Hrad:

0.0203	0.0456	0.0712	0.0970	0.1218
0.1477	0.1727	0.1970	0.2217	0.2454
0.2684	0.2912	0.3137	0.3352	0.3559
0.3763	0.3964	0.4149	0.4396	0.4690
0.4972	0.5242	0.5500	0.5747	0.5983
0.6207	0.6419	0.6623	0.6818	0.7004
0.7178	0.7345	0.7506	0.7661	0.7809
0.7946	0.8076	0.8197	0.8330	0.8474
0.8621	0.8769	0.8919	0.9072	0.9226
0.9382	0.9534	0.9688	0.9844	1.0000

Width:

0.1963	0.2443	0.2729	0.2934	0.3123
0.3255	0.3383	0.3509	0.3614	0.3726
0.3840	0.3948	0.4054	0.4168	0.4287
0.4407	0.4525	0.4661	0.4805	0.4973
0.5134	0.5300	0.5489	0.5665	0.5852
0.6073	0.6294	0.6498	0.6708	0.6938
0.7202	0.7426	0.7661	0.7886	0.8129
0.8415	0.8700	0.9008	0.9156	0.9226
0.9297	0.9376	0.9461	0.9534	0.9606
0.9677	0.9769	0.9853	0.9925	1.0000

Transect C11
Area:

0.0013	0.0052	0.0107	0.0175	0.0272
0.0400	0.0534	0.0672	0.0814	0.0960
0.1110	0.1263	0.1421	0.1581	0.1747
0.1915	0.2085	0.2258	0.2435	0.2617
0.2804	0.2995	0.3192	0.3393	0.3599
0.3809	0.4022	0.4236	0.4455	0.4680
0.4910	0.5144	0.5383	0.5628	0.5878
0.6132	0.6389	0.6650	0.6915	0.7182
0.7451	0.7723	0.7998	0.8276	0.8557
0.8840	0.9126	0.9414	0.9706	1.0000

Hrad:

0.0144	0.0313	0.0536	0.0665	0.0784
0.0895	0.1163	0.1420	0.1676	0.1928
0.2162	0.2402	0.2646	0.2869	0.3097
0.3348	0.3595	0.3815	0.4018	0.4197
0.4387	0.4572	0.4752	0.4929	0.5093
0.5331	0.5571	0.5797	0.5946	0.6070
0.6268	0.6437	0.6578	0.6739	0.6886
0.7093	0.7296	0.7479	0.7689	0.7921
0.8151	0.8355	0.8548	0.8762	0.8979
0.9193	0.9402	0.9610	0.9806	1.0000

Width:

0.0977	0.1665	0.2038	0.2734	0.3890
0.4473	0.4596	0.4736	0.4861	0.4979
0.5133	0.5260	0.5370	0.5512	0.5640
0.5720	0.5800	0.5920	0.6062	0.6236
0.6391	0.6552	0.6717	0.6883	0.7067
0.7145	0.7219	0.7308	0.7493	0.7711
0.7835	0.7992	0.8184	0.8351	0.8536
0.8646	0.8757	0.8892	0.8994	0.9068
0.9142	0.9243	0.9357	0.9446	0.9530
0.9616	0.9706	0.9796	0.9898	1.0000

Transect C13_1
Area:

0.0008	0.0028	0.0058	0.0097	0.0147
0.0205	0.0273	0.0352	0.0442	0.0543
0.0661	0.0820	0.1011	0.1204	0.1401
0.1603	0.1807	0.2016	0.2229	0.2444
0.2661	0.2882	0.3105	0.3332	0.3561
0.3792	0.4027	0.4264	0.4503	0.4745
0.4989	0.5234	0.5482	0.5731	0.5983
0.6236	0.6492	0.6750	0.7010	0.7272
0.7537	0.7802	0.8070	0.8340	0.8611
0.8884	0.9160	0.9438	0.9717	1.0000

Hrad:

0.0169	0.0312	0.0478	0.0614	0.0773
0.0926	0.1056	0.1186	0.1316	0.1426
0.1484	0.1235	0.1494	0.1754	0.1996
0.2242	0.2482	0.2717	0.2955	0.3207
0.3456	0.3682	0.3918	0.4156	0.4388
0.4618	0.4848	0.5080	0.5315	0.5551
0.5790	0.6027	0.6263	0.6498	0.6727
0.6951	0.7174	0.7396	0.7619	0.7846
0.8072	0.8301	0.8530	0.8755	0.8974
0.9193	0.9404	0.9613	0.9809	1.0000

Width:

0.0483	0.0890	0.1211	0.1581	0.1899
0.2215	0.2585	0.2969	0.3358	0.3808
0.4626	0.6641	0.6768	0.6867	0.7021
0.7149	0.7283	0.7420	0.7543	0.7621
0.7702	0.7827	0.7926	0.8017	0.8115
0.8213	0.8307	0.8394	0.8474	0.8549
0.8617	0.8685	0.8753	0.8821	0.8894
0.8972	0.9050	0.9127	0.9201	0.9269
0.9337	0.9400	0.9462	0.9526	0.9595
0.9665	0.9741	0.9817	0.9907	1.0000

Transect C13_2
Area:

0.0009	0.0029	0.0071	0.0150	0.0252
0.0367	0.0495	0.0627	0.0768	0.0913
0.1060	0.1210	0.1366	0.1531	0.1699
0.1869	0.2041	0.2219	0.2405	0.2593
0.2784	0.2978	0.3174	0.3373	0.3574
0.3779	0.3987	0.4198	0.4413	0.4633
0.4862	0.5100	0.5345	0.5593	0.5843
0.6097	0.6353	0.6612	0.6874	0.7137
0.7407	0.7679	0.7954	0.8230	0.8507
0.8788	0.9075	0.9375	0.9685	1.0000

Hrad:

0.0237	0.0378	0.0494	0.0599	0.0758
0.1004	0.1209	0.1434	0.1710	0.1987
0.2268	0.2528	0.2643	0.2922	0.3197
0.3468	0.3729	0.3863	0.4079	0.4341
0.4599	0.4855	0.5109	0.5352	0.5586
0.5817	0.6047	0.6264	0.6465	0.6663
0.6848	0.7022	0.7226	0.7458	0.7688
0.7918	0.8147	0.8386	0.8653	0.8908
0.9160	0.9417	0.9675	0.9931	1.0169
1.0395	1.0613	1.0765	1.0643	1.0000

Width:

0.0423	0.0878	0.1933	0.2930	0.3444
0.3905	0.4097	0.4379	0.4498	0.4599
0.4680	0.4791	0.5174	0.5248	0.5322
0.5395	0.5481	0.5753	0.5903	0.5982
0.6062	0.6141	0.6221	0.6310	0.6407
0.6505	0.6602	0.6710	0.6835	0.7073
0.7392	0.7623	0.7758	0.7851	0.7943
0.8036	0.8128	0.8210	0.8265	0.8413
0.8552	0.8610	0.8669	0.8727	0.8800
0.8881	0.9325	0.9651	0.9852	1.0000

Transect C14
Area:

0.0025	0.0076	0.0162	0.0274	0.0398
0.0531	0.0674	0.0827	0.0987	0.1153
0.1324	0.1500	0.1682	0.1872	0.2066
0.2263	0.2466	0.2678	0.2892	0.3108
0.3325	0.3543	0.3762	0.3981	0.4202
0.4423	0.4646	0.4869	0.5093	0.5319
0.5545	0.5772	0.5999	0.6228	0.6457
0.6687	0.6918	0.7149	0.7382	0.7615
0.7849	0.8084	0.8320	0.8556	0.8793
0.9032	0.9271	0.9512	0.9755	1.0000

Hrad:

0.0160	0.0289	0.0392	0.0575	0.0770
0.0959	0.1135	0.1314	0.1512	0.1704
0.1903	0.2099	0.2248	0.2428	0.2636
0.2845	0.3032	0.3130	0.3353	0.3581
0.3809	0.4038	0.4271	0.4503	0.4733
0.4960	0.5186	0.5411	0.5636	0.5862
0.6086	0.6310	0.6534	0.6759	0.6983
0.7206	0.7428	0.7646	0.7863	0.8079
0.8297	0.8519	0.8741	0.8962	0.9167
0.9370	0.9567	0.9757	0.9932	1.0000

Width:

0.1561	0.2648	0.4156	0.4793	0.5200
0.5572	0.5975	0.6333	0.6571	0.6809
0.7002	0.7191	0.7529	0.7755	0.7883
0.7999	0.8465	0.8602	0.8671	0.8723
0.8771	0.8815	0.8847	0.8879	0.8913
0.8951	0.8989	0.9028	0.9064	0.9098
0.9133	0.9167	0.9199	0.9230	0.9261
0.9291	0.9322	0.9357	0.9392	0.9427
0.9460	0.9489	0.9518	0.9546	0.9592
0.9638	0.9690	0.9748	0.9820	1.0000

Transect C15
Area:

0.0040	0.0099	0.0171	0.0253	0.0347
0.0470	0.0609	0.0779	0.0980	0.1185
0.1391	0.1598	0.1806	0.2015	0.2225
0.2435	0.2646	0.2858	0.3070	0.3283
0.3496	0.3711	0.3925	0.4141	0.4356
0.4573	0.4790	0.5008	0.5226	0.5445
0.5665	0.5886	0.6107	0.6329	0.6551
0.6775	0.6999	0.7224	0.7450	0.7677
0.7905	0.8133	0.8363	0.8593	0.8825
0.9058	0.9291	0.9526	0.9763	1.0000

Hrad:

0.0184	0.0355	0.0521	0.0686	0.0779
0.0843	0.1011	0.1127	0.1144	0.1372
0.1601	0.1829	0.2057	0.2284	0.2510
0.2736	0.2961	0.3185	0.3409	0.3633
0.3856	0.4078	0.4300	0.4521	0.4742
0.4962	0.5181	0.5400	0.5618	0.5835
0.6052	0.6268	0.6483	0.6697	0.6910
0.7123	0.7335	0.7546	0.7757	0.7966
0.8175	0.8382	0.8588	0.8794	0.8998
0.9201	0.9403	0.9603	0.9802	1.0000

Width:

0.2158	0.2776	0.3248	0.3648	0.4407
0.5513	0.6375	0.7959	0.8570	0.8629
0.8682	0.8720	0.8753	0.8787	0.8820
0.8851	0.8876	0.8902	0.8927	0.8953
0.8979	0.9004	0.9029	0.9055	0.9080
0.9105	0.9130	0.9159	0.9187	0.9216
0.9244	0.9273	0.9305	0.9337	0.9369
0.9401	0.9434	0.9470	0.9506	0.9542
0.9580	0.9621	0.9662	0.9703	0.9748
0.9795	0.9841	0.9893	0.9946	1.0000

Transect C17
Area:

0.0037	0.0105	0.0201	0.0321	0.0465
0.0617	0.0774	0.0937	0.1106	0.1280
0.1458	0.1640	0.1825	0.2014	0.2207
0.2402	0.2600	0.2801	0.3005	0.3213
0.3424	0.3637	0.3856	0.4081	0.4308
0.4535	0.4763	0.4990	0.5217	0.5444
0.5672	0.5899	0.6126	0.6354	0.6581
0.6809	0.7036	0.7264	0.7491	0.7719
0.7947	0.8175	0.8402	0.8630	0.8858
0.9087	0.9315	0.9543	0.9771	1.0000

Hrad:

0.0320	0.0631	0.0841	0.1021	0.1202
0.1418	0.1634	0.1848	0.2054	0.2267
0.2483	0.2689	0.2894	0.3102	0.3306
0.3510	0.3708	0.3903	0.4096	0.4286
0.4473	0.4654	0.4799	0.4941	0.5153
0.5364	0.5575	0.5785	0.5994	0.6202
0.6409	0.6615	0.6821	0.7025	0.7228
0.7430	0.7631	0.7831	0.8030	0.8228
0.8425	0.8621	0.8816	0.9010	0.9202
0.9394	0.9585	0.9774	0.9963	1.0000

Width:

0.2433	0.3383	0.4540	0.5593	0.6285
0.6511	0.6747	0.6974	0.7233	0.7413
0.7554	0.7729	0.7890	0.8019	0.8150
0.8272	0.8402	0.8537	0.8665	0.8795
0.8927	0.9070	0.9316	0.9559	0.9560
0.9561	0.9562	0.9563	0.9565	0.9566
0.9567	0.9568	0.9569	0.9570	0.9572
0.9573	0.9574	0.9575	0.9577	0.9580
0.9584	0.9587	0.9591	0.9594	0.9598
0.9601	0.9605	0.9609	0.9612	1.0000

Transect C18
Area:

0.0048	0.0153	0.0280	0.0418	0.0567
0.0722	0.0886	0.1058	0.1242	0.1430
0.1623	0.1821	0.2023	0.2229	0.2439
0.2653	0.2868	0.3083	0.3299	0.3514
0.3729	0.3945	0.4160	0.4376	0.4591
0.4807	0.5022	0.5238	0.5454	0.5669
0.5885	0.6101	0.6317	0.6532	0.6748
0.6964	0.7180	0.7396	0.7612	0.7828
0.8044	0.8260	0.8476	0.8692	0.8909
0.9125	0.9342	0.9558	0.9775	1.0000

Hrad:

0.0131	0.0286	0.0469	0.0630	0.0803
0.0989	0.1149	0.1282	0.1460	0.1645
0.1828	0.2005	0.2191	0.2377	0.2552
0.2738	0.2966	0.3194	0.3421	0.3648
0.3875	0.4101	0.4327	0.4553	0.4778
0.5003	0.5228	0.5452	0.5676	0.5900
0.6123	0.6346	0.6569	0.6791	0.7013
0.7235	0.7456	0.7678	0.7898	0.8119
0.8339	0.8559	0.8778	0.8997	0.9216
0.9435	0.9653	0.9871	1.0089	1.0000

Width:

0.3556	0.5156	0.5505	0.6031	0.6402
0.6639	0.7009	0.7521	0.7780	0.7980
0.8179	0.8386	0.8547	0.8696	0.8873
0.9012	0.9013	0.9014	0.9015	0.9016
0.9018	0.9019	0.9020	0.9021	0.9022
0.9024	0.9025	0.9026	0.9027	0.9028
0.9029	0.9031	0.9032	0.9033	0.9034
0.9035	0.9036	0.9038	0.9039	0.9042
0.9045	0.9048	0.9052	0.9055	0.9058
0.9062	0.9065	0.9068	0.9071	1.0000

Transect C2
Area:

0.0012	0.0036	0.0067	0.0107	0.0156
0.0211	0.0272	0.0339	0.0414	0.0494
0.0579	0.0669	0.0765	0.0866	0.0972
0.1083	0.1198	0.1319	0.1444	0.1574
0.1708	0.1847	0.1991	0.2141	0.2299
0.2466	0.2644	0.2831	0.3029	0.3235
0.3448	0.3669	0.3899	0.4136	0.4381
0.4635	0.4898	0.5172	0.5507	0.5880
0.6262	0.6655	0.7055	0.7460	0.7868
0.8281	0.8698	0.9120	0.9549	1.0000

Hrad:

0.0302	0.0621	0.0908	0.1127	0.1423
0.1719	0.2016	0.2254	0.2546	0.2832
0.3132	0.3392	0.3673	0.3967	0.4260
0.4542	0.4815	0.5080	0.5356	0.5670
0.5947	0.6191	0.6415	0.6593	0.6728
0.6783	0.6824	0.6991	0.7111	0.7295
0.7529	0.7733	0.7930	0.8140	0.8319
0.8491	0.8676	0.8761	0.7120	0.7382
0.7665	0.7932	0.8311	0.8700	0.9086
0.9464	0.9837	1.0184	1.0493	1.0000

Width:

0.0410	0.0583	0.0742	0.0952	0.1095
0.1226	0.1349	0.1506	0.1625	0.1743
0.1848	0.1972	0.2084	0.2184	0.2283
0.2384	0.2489	0.2597	0.2697	0.2776
0.2872	0.2983	0.3103	0.3248	0.3418
0.3636	0.3875	0.4051	0.4260	0.4435
0.4581	0.4746	0.4917	0.5081	0.5267
0.5460	0.5647	0.6229	0.7737	0.7967
0.8172	0.8392	0.8492	0.8577	0.8662
0.8752	0.8844	0.8957	0.9230	1.0000

Transect C20
Area:

0.0039	0.0113	0.0207	0.0316	0.0438
0.0568	0.0707	0.0854	0.1006	0.1163

0.1324	0.1489	0.1658	0.1831	0.2008
0.2189	0.2374	0.2563	0.2756	0.2955
0.3157	0.3364	0.3573	0.3786	0.4002
0.4221	0.4443	0.4668	0.4895	0.5124
0.5355	0.5588	0.5822	0.6058	0.6294
0.6532	0.6771	0.7012	0.7253	0.7495
0.7739	0.7984	0.8231	0.8479	0.8729
0.8980	0.9232	0.9486	0.9742	1.0000

Hrad:

0.0170	0.0350	0.0527	0.0717	0.0911
0.1108	0.1290	0.1497	0.1711	0.1923
0.2126	0.2337	0.2541	0.2747	0.2939
0.3144	0.3332	0.3514	0.3686	0.3862
0.4048	0.4238	0.4437	0.4636	0.4824
0.5018	0.5210	0.5397	0.5618	0.5826
0.6043	0.6262	0.6476	0.6696	0.6922
0.7144	0.7363	0.7580	0.7801	0.8021
0.8236	0.8433	0.8632	0.8841	0.9048
0.9246	0.9445	0.9642	0.9817	1.0000

Width:

0.2355	0.3270	0.3981	0.4476	0.4871
0.5197	0.5558	0.5788	0.5964	0.6131
0.6313	0.6460	0.6615	0.6756	0.6927
0.7058	0.7220	0.7392	0.7578	0.7754
0.7905	0.8044	0.8160	0.8274	0.8405
0.8522	0.8639	0.8761	0.8820	0.8898
0.8959	0.9017	0.9077	0.9129	0.9170
0.9215	0.9262	0.9311	0.9353	0.9395
0.9442	0.9508	0.9570	0.9620	0.9672
0.9732	0.9789	0.9848	0.9929	1.0000

Transect C21

Area:

0.0017	0.0066	0.0134	0.0214	0.0311
0.0422	0.0546	0.0678	0.0817	0.0962
0.1112	0.1266	0.1426	0.1590	0.1758
0.1930	0.2105	0.2285	0.2468	0.2654
0.2844	0.3037	0.3233	0.3433	0.3637
0.3845	0.4056	0.4270	0.4489	0.4712
0.4939	0.5171	0.5411	0.5657	0.5909
0.6165	0.6422	0.6681	0.6942	0.7205
0.7470	0.7736	0.8006	0.8279	0.8555
0.8836	0.9120	0.9409	0.9702	1.0000

Hrad:

0.0163	0.0325	0.0541	0.0730	0.0890
0.1069	0.1265	0.1481	0.1699	0.1925
0.2152	0.2359	0.2579	0.2801	0.3023
0.3242	0.3447	0.3653	0.3876	0.4096
0.4305	0.4504	0.4701	0.4895	0.5090
0.5287	0.5476	0.5655	0.5830	0.6003
0.6143	0.6251	0.6361	0.6489	0.6608
0.6861	0.7110	0.7357	0.7601	0.7842
0.8080	0.8315	0.8542	0.8765	0.8980
0.9193	0.9404	0.9605	0.9803	1.0000

Width:

0.1035	0.2028	0.2456	0.2927	0.3485
0.3934	0.4284	0.4531	0.4741	0.4914
0.5067	0.5254	0.5402	0.5539	0.5664
0.5786	0.5926	0.6059	0.6160	0.6261
0.6374	0.6496	0.6619	0.6743	0.6861
0.6975	0.7096	0.7226	0.7359	0.7493
0.7663	0.7884	0.8103	0.8301	0.8511
0.8554	0.8612	0.8670	0.8729	0.8796
0.8868	0.8940	0.9045	0.9155	0.9290
0.9420	0.9548	0.9710	0.9864	1.0000

Transect C21_1

Area:

0.0030	0.0083	0.0158	0.0247	0.0347
0.0456	0.0580	0.0722	0.0876	0.1039
0.1206	0.1377	0.1550	0.1726	0.1904
0.2085	0.2269	0.2456	0.2645	0.2837
0.3031	0.3228	0.3428	0.3633	0.3846
0.4063	0.4283	0.4507	0.4733	0.4961
0.5191	0.5424	0.5658	0.5895	0.6135
0.6377	0.6621	0.6868	0.7117	0.7368
0.7621	0.7876	0.8133	0.8392	0.8653
0.8917	0.9183	0.9452	0.9725	1.0000

Hrad:

0.0294	0.0564	0.0884	0.1234	0.1543
0.1820	0.2025	0.2220	0.2396	0.2590
0.2795	0.3007	0.3224	0.3444	0.3664
0.3876	0.4089	0.4304	0.4519	0.4728
0.4935	0.5134	0.5318	0.5455	0.5611
0.5788	0.5963	0.6149	0.6339	0.6525
0.6716	0.6903	0.7088	0.7268	0.7445
0.7623	0.7800	0.7977	0.8157	0.8336
0.8512	0.8688	0.8865	0.9043	0.9215
0.9381	0.9533	0.9683	0.9816	1.0000

Width:

0.1582	0.2329	0.3007	0.3433	0.3771
0.4135	0.4989	0.5329	0.5790	0.5990
0.6121	0.6236	0.6329	0.6410	0.6497
0.6626	0.6734	0.6821	0.6902	0.6999
0.7087	0.7195	0.7331	0.7591	0.7793
0.7927	0.8055	0.8149	0.8229	0.8315
0.8387	0.8465	0.8548	0.8639	0.8730
0.8819	0.8904	0.8989	0.9062	0.9137
0.9213	0.9292	0.9363	0.9431	0.9509
0.9595	0.9706	0.9816	0.9953	1.0000

Transect C21_2

Area:

0.0008	0.0025	0.0050	0.0086	0.0144
0.0237	0.0353	0.0488	0.0652	0.0856
0.1082	0.1308	0.1535	0.1761	0.1988
0.2215	0.2443	0.2670	0.2897	0.3125
0.3352	0.3580	0.3808	0.4036	0.4264
0.4492	0.4720	0.4948	0.5177	0.5405
0.5634	0.5862	0.6091	0.6320	0.6549
0.6778	0.7007	0.7236	0.7465	0.7695
0.7924	0.8154	0.8384	0.8614	0.8844
0.9075	0.9306	0.9537	0.9768	1.0000

Hrad:

0.0231	0.0424	0.0599	0.0758	0.0645
0.0810	0.1033	0.1193	0.1278	0.1407
0.1716	0.2049	0.2375	0.2693	0.3003
0.3307	0.3603	0.3894	0.4177	0.4455
0.4726	0.4992	0.5252	0.5506	0.5756
0.6000	0.6239	0.6473	0.6703	0.6928
0.7149	0.7366	0.7578	0.7786	0.7991
0.8192	0.8389	0.8582	0.8772	0.8959
0.9142	0.9322	0.9499	0.9673	0.9845
1.0013	1.0179	1.0342	1.0503	1.0000

Width:

0.0499	0.0822	0.1188	0.1595	0.3219
0.4189	0.4860	0.5804	0.7240	0.8643
0.8866	0.8874	0.8882	0.8889	0.8897
0.8904	0.8909	0.8913	0.8917	0.8920
0.8924	0.8927	0.8931	0.8935	0.8938
0.8942	0.8946	0.8949	0.8953	0.8956
0.8960	0.8964	0.8967	0.8971	0.8975
0.8978	0.8982	0.8986	0.8989	0.8993
0.9000	0.9009	0.9018	0.9027	0.9036
0.9045	0.9054	0.9064	0.9073	1.0000

Transect C22

Area:

0.0086	0.0208	0.0336	0.0470	0.0610
0.0757	0.0909	0.1072	0.1244	0.1420
0.1597	0.1794	0.1998	0.2205	0.2415
0.2626	0.2837	0.3049	0.3260	0.3472
0.3685	0.3897	0.4110	0.4323	0.4536
0.4750	0.4963	0.5177	0.5392	0.5607
0.5822	0.6037	0.6253	0.6468	0.6684
0.6901	0.7118	0.7335	0.7552	0.7770
0.7988	0.8206	0.8425	0.8644	0.8863
0.9083	0.9303	0.9525	0.9756	1.0000

Hrad:

0.0270	0.0611	0.0947	0.1270	0.1573
0.1865	0.2138	0.2326	0.2619	0.2953
0.3286	0.3570	0.3849	0.4126	0.4403
0.4684	0.4967	0.5248	0.5528	0.5806
0.6081	0.6353	0.6622	0.6887	0.7150
0.7409	0.7664	0.7916	0.8165	0.8410
0.8652	0.8890	0.9125	0.9357	0.9585
0.9810	1.0032	1.0251	1.0466	1.0679
1.0888	1.1095	1.1299	1.1500	1.1699
1.1895	1.2088	1.2038	1.1778	1.0000

Width:

0.4721	0.5060	0.5279	0.5498	0.5752
0.6010	0.6300	0.6824	0.7011	0.7048
0.7636	0.8092	0.8249	0.8399	0.8475
0.8485	0.8495	0.8504	0.8515	0.8526
0.8536	0.8547	0.8558	0.8569	0.8578
0.8589	0.8601	0.8613	0.8626	0.8638
0.8650	0.8660	0.8671	0.8682	0.8694
0.8706	0.8719	0.8731	0.8744	0.8759
0.8773	0.8787	0.8800	0.8814	0.8828
0.8841	0.8855	0.9087	0.9541	1.0000

Transect C22_1

Area:

0.0034	0.0111	0.0219	0.0350	0.0503
0.0687	0.0893	0.1102	0.1310	0.1519
0.1728	0.1937	0.2146	0.2355	0.2565
0.2774	0.2984	0.3194	0.3404	0.3613
0.3823	0.4034	0.4244	0.4454	0.4664
0.4875	0.5085	0.5296	0.5506	0.5717
0.5928	0.6139	0.6350	0.6561	0.6772
0.6984	0.7195	0.7406	0.7618	0.7830
0.8041	0.8253	0.8465	0.8678	0.8890
0.9103	0.9316	0.9529	0.9754	1.0000

Hrad:

0.0235	0.0436	0.0696	0.0953	0.1183
0.1409	0.1712	0.2029	0.2346	0.2660
0.2969	0.3272	0.3569	0.3860	0.4145
0.4423	0.4695	0.4961	0.5221	0.5476
0.5725	0.5969	0.6207	0.6441	0.6670
0.6894	0.7114	0.7329	0.7540	0.7747

0.7950	0.8149	0.8344	0.8535	0.8723
0.8908	0.9089	0.9267	0.9442	0.9613
0.9782	0.9947	1.0110	1.0270	1.0428
1.0583	1.0735	1.0851	1.0334	1.0000

Width:

0.2172	0.3835	0.4707	0.5448	0.6669
0.7791	0.8199	0.8206	0.8214	0.8221
0.8228	0.8236	0.8241	0.8245	0.8248
0.8251	0.8255	0.8258	0.8262	0.8265
0.8269	0.8272	0.8275	0.8279	0.8282
0.8286	0.8289	0.8293	0.8296	0.8299
0.8303	0.8306	0.8310	0.8313	0.8317
0.8320	0.8323	0.8327	0.8330	0.8334
0.8342	0.8350	0.8357	0.8365	0.8373
0.8381	0.8389	0.8436	0.9277	1.0000

Transect C23

Area:

0.0072	0.0209	0.0354	0.0507	0.0675
0.0874	0.1080	0.1285	0.1491	0.1697
0.1903	0.2109	0.2315	0.2521	0.2727
0.2934	0.3140	0.3346	0.3553	0.3759
0.3965	0.4172	0.4379	0.4585	0.4792
0.4999	0.5206	0.5413	0.5620	0.5827
0.6034	0.6241	0.6449	0.6656	0.6863
0.7071	0.7278	0.7486	0.7694	0.7902
0.8110	0.8318	0.8527	0.8735	0.8943
0.9152	0.9361	0.9570	0.9779	1.0000

Hrad:

0.0321	0.0599	0.0895	0.1174	0.1411
0.1603	0.1850	0.2104	0.2359	0.2614
0.2867	0.3118	0.3367	0.3612	0.3855
0.4095	0.4332	0.4566	0.4797	0.5025
0.5251	0.5474	0.5695	0.5913	0.6128
0.6341	0.6552	0.6760	0.6967	0.7171
0.7373	0.7573	0.7771	0.7967	0.8162
0.8354	0.8545	0.8734	0.8921	0.9107
0.9291	0.9474	0.9655	0.9834	1.0013
1.0189	1.0365	1.0539	1.0712	1.0000

Width:

0.4782	0.5406	0.5695	0.6072	0.6828
0.7861	0.7864	0.7866	0.7868	0.7871
0.7873	0.7875	0.7878	0.7880	0.7882
0.7885	0.7887	0.7889	0.7892	0.7894
0.7896	0.7899	0.7901	0.7903	0.7906
0.7908	0.7910	0.7913	0.7915	0.7917
0.7920	0.7922	0.7924	0.7927	0.7931
0.7935	0.7939	0.7944	0.7948	0.7953
0.7957	0.7962	0.7966	0.7970	0.7975
0.7979	0.7984	0.7988	0.7993	1.0000

Transect C24

Area:

0.0077	0.0241	0.0437	0.0638	0.0840
0.1042	0.1244	0.1446	0.1649	0.1851
0.2054	0.2257	0.2460	0.2663	0.2866
0.3069	0.3272	0.3475	0.3679	0.3882
0.4085	0.4288	0.4492	0.4695	0.4899
0.5102	0.5306	0.5509	0.5713	0.5916
0.6120	0.6324	0.6527	0.6731	0.6935
0.7139	0.7343	0.7547	0.7751	0.7955
0.8159	0.8363	0.8567	0.8771	0.8975
0.9179	0.9384	0.9588	0.9792	1.0000

Hrad:

0.0259	0.0475	0.0695	0.0936	0.1180
0.1423	0.1665	0.1905	0.2142	0.2378
0.2611	0.2842	0.3071	0.3298	0.3523
0.3746	0.3967	0.4186	0.4403	0.4619
0.4832	0.5045	0.5255	0.5465	0.5672
0.5878	0.6083	0.6287	0.6489	0.6690
0.6889	0.7088	0.7285	0.7481	0.7676
0.7870	0.8063	0.8254	0.8445	0.8635
0.8824	0.9012	0.9199	0.9385	0.9570
0.9755	0.9938	1.0121	1.0303	1.0000

Width:

0.5490	0.7807	0.8560	0.8567	0.8573
0.8580	0.8586	0.8593	0.8599	0.8606
0.8612	0.8619	0.8620	0.8622	0.8624
0.8625	0.8627	0.8629	0.8630	0.8632
0.8633	0.8635	0.8637	0.8638	0.8640
0.8642	0.8643	0.8645	0.8646	0.8648
0.8650	0.8651	0.8653	0.8655	0.8656
0.8658	0.8659	0.8661	0.8663	0.8664
0.8666	0.8668	0.8669	0.8671	0.8672
0.8674	0.8676	0.8677	0.8679	1.0000

Transect C25_1

Area:

0.0025	0.0070	0.0135	0.0225	0.0331
0.0443	0.0562	0.0687	0.0817	0.0953
0.1095	0.1244	0.1397	0.1554	0.1719
0.1893	0.2076	0.2266	0.2462	0.2662
0.2864	0.3069	0.3275	0.3483	0.3693
0.3905	0.4120	0.4337	0.4556	0.4777
0.5000	0.5224	0.5451	0.5682	0.5920
0.6165	0.6416	0.6673	0.6936	0.7202
0.7470	0.7741	0.8015	0.8294	0.8575
0.8858	0.9142	0.9427	0.9713	1.0000

Hrad:

0.0194	0.0371	0.0526	0.0629	0.0868
0.1100	0.1328	0.1551	0.1763	0.1969
0.2164	0.2360	0.2596	0.2784	0.2916
0.3049	0.3192	0.3360	0.3574	0.3802
0.4044	0.4296	0.4546	0.4789	0.5023
0.5247	0.5479	0.5714	0.5950	0.6186
0.6423	0.6657	0.6866	0.6969	0.7031
0.7165	0.7251	0.7350	0.7534	0.7739
0.7951	0.8163	0.8339	0.8500	0.8723
0.8971	0.9224	0.9482	0.9741	1.0000

Width:

0.1274	0.1902	0.2561	0.3571	0.3814
0.4033	0.4236	0.4429	0.4634	0.4841
0.5063	0.5274	0.5383	0.5585	0.5897
0.6211	0.6507	0.6747	0.6892	0.7004
0.7086	0.7145	0.7206	0.7274	0.7354
0.7445	0.7522	0.7592	0.7659	0.7724
0.7785	0.7849	0.7940	0.8154	0.8421
0.8605	0.8849	0.9081	0.9208	0.9308
0.9397	0.9485	0.9613	0.9758	0.9832
0.9876	0.9912	0.9943	0.9972	1.0000

Transect C26

Area:

0.0005	0.0024	0.0056	0.0098	0.0152
0.0215	0.0284	0.0361	0.0444	0.0535
0.0632	0.0734	0.0842	0.0956	0.1075
0.1202	0.1334	0.1473	0.1617	0.1768
0.1926	0.2094	0.2271	0.2459	0.2660
0.2871	0.3092	0.3321	0.3560	0.3804
0.4055	0.4311	0.4572	0.4840	0.5112
0.5388	0.5669	0.5954	0.6243	0.6538
0.6839	0.7145	0.7457	0.7777	0.8105
0.8458	0.8831	0.9212	0.9601	1.0000

Hrad:

0.0197	0.0384	0.0625	0.0862	0.1098
0.1369	0.1650	0.1908	0.2150	0.2403
0.2672	0.2947	0.3210	0.3466	0.3685
0.3911	0.4156	0.4388	0.4613	0.4830
0.4995	0.5120	0.5260	0.5323	0.5430
0.5594	0.5792	0.5988	0.6205	0.6460
0.6738	0.7017	0.7269	0.7532	0.7827
0.8118	0.8410	0.8699	0.8963	0.9211
0.9446	0.9675	0.9893	1.0065	1.0094
0.9619	0.9812	1.0034	1.0238	1.0000

Width:

0.0267	0.0620	0.0898	0.1151	0.1399
0.1582	0.1738	0.1905	0.2081	0.2242
0.2382	0.2509	0.2640	0.2774	0.2936
0.3091	0.3229	0.3375	0.3525	0.3681
0.3877	0.4112	0.4341	0.4646	0.4928
0.5164	0.5370	0.5577	0.5764	0.5915
0.6042	0.6164	0.6309	0.6442	0.6545
0.6648	0.6748	0.6849	0.6968	0.7097
0.7237	0.7379	0.7530	0.7717	0.8021
0.8793	0.8999	0.9177	0.9372	1.0000

Transect C27

Area:

0.0070	0.0168	0.0282	0.0411	0.0557
0.0712	0.0871	0.1033	0.1205	0.1387
0.1578	0.1773	0.1974	0.2181	0.2388
0.2597	0.2808	0.3020	0.3235	0.3450
0.3666	0.3881	0.4097	0.4313	0.4530
0.4746	0.4962	0.5179	0.5396	0.5613
0.5830	0.6047	0.6264	0.6482	0.6700
0.6917	0.7135	0.7354	0.7572	0.7791
0.8011	0.8230	0.8450	0.8671	0.8891
0.9112	0.9334	0.9555	0.9777	1.0000

Hrad:

0.0174	0.0358	0.0525	0.0680	0.0818
0.1024	0.1224	0.1409	0.1548	0.1724
0.1835	0.2026	0.2163	0.2373	0.2584
0.2794	0.2990	0.3185	0.3388	0.3607
0.3826	0.4047	0.4267	0.4486	0.4707
0.4926	0.5146	0.5365	0.5584	0.5802
0.6020	0.6237	0.6455	0.6672	0.6888
0.7103	0.7316	0.7529	0.7736	0.7944
0.8152	0.8361	0.8570	0.8778	0.8984
0.9187	0.9391	0.9595	0.9798	1.0000

Width:

0.4077	0.4762	0.5448	0.6116	0.6892
0.7036	0.7196	0.7424	0.7959	0.8380
0.8702	0.8854	0.9235	0.9296	0.9351
0.9404	0.9501	0.9592	0.9657	0.9672
0.9682	0.9691	0.9699	0.9706	0.9712
0.9718	0.9724	0.9731	0.9736	0.9742
0.9749	0.9756	0.9763	0.9769	0.9777
0.9785	0.9796	0.9807	0.9825	0.9840
0.9856	0.9869	0.9883	0.9897	0.9913
0.9931	0.9949	0.9965	0.9983	1.0000

Transect C28
Area:

0.0016	0.0055	0.0107	0.0173	0.0249
0.0334	0.0426	0.0524	0.0628	0.0738
0.0857	0.0982	0.1113	0.1250	0.1394
0.1543	0.1701	0.1865	0.2036	0.2212
0.2396	0.2585	0.2777	0.2973	0.3174
0.3377	0.3584	0.3794	0.4008	0.4224
0.4442	0.4663	0.4887	0.5114	0.5344
0.5578	0.5816	0.6059	0.6308	0.6563
0.6825	0.7095	0.7378	0.7680	0.8002
0.8348	0.8722	0.9120	0.9541	1.0000

Hrad:

0.0246	0.0585	0.0864	0.1168	0.1480
0.1814	0.2156	0.2498	0.2842	0.3062
0.3370	0.3699	0.3990	0.4280	0.4578
0.4832	0.5075	0.5343	0.5646	0.5891
0.6174	0.6537	0.6869	0.7176	0.7551
0.7922	0.8267	0.8594	0.8963	0.9342
0.9717	1.0070	1.0417	1.0748	1.1059
1.1356	1.1638	1.1835	1.2036	1.2220
1.2335	1.2386	1.2066	1.1841	1.1526
1.1063	1.0858	1.0713	1.0455	1.0000

Width:

0.0658	0.0937	0.1245	0.1481	0.1685
0.1842	0.1978	0.2099	0.2209	0.2410
0.2544	0.2655	0.2789	0.2921	0.3044
0.3194	0.3350	0.3490	0.3605	0.3754
0.3880	0.3953	0.4041	0.4142	0.4201
0.4261	0.4333	0.4413	0.4469	0.4519
0.4569	0.4628	0.4689	0.4756	0.4830
0.4910	0.4995	0.5117	0.5239	0.5369
0.5531	0.5726	0.6113	0.6484	0.6941
0.7544	0.8032	0.8512	0.9126	1.0000

Transect C30
Area:

0.0003	0.0014	0.0037	0.0074	0.0120
0.0182	0.0261	0.0352	0.0467	0.0618
0.0797	0.0980	0.1166	0.1354	0.1545
0.1738	0.1933	0.2130	0.2330	0.2534
0.2741	0.2950	0.3162	0.3376	0.3592
0.3810	0.4031	0.4255	0.4482	0.4713
0.4948	0.5185	0.5424	0.5666	0.5912
0.6162	0.6415	0.6671	0.6930	0.7191
0.7455	0.7722	0.7992	0.8267	0.8546
0.8828	0.9114	0.9405	0.9701	1.0000

Hrad:

0.0152	0.0304	0.0359	0.0539	0.0704
0.0762	0.0932	0.1012	0.1178	0.1051
0.1337	0.1614	0.1888	0.2163	0.2439
0.2712	0.2983	0.3242	0.3486	0.3726
0.3980	0.4237	0.4491	0.4743	0.4988
0.5228	0.5467	0.5696	0.5889	0.6083
0.6317	0.6549	0.6780	0.6990	0.7169
0.7357	0.7577	0.7796	0.8013	0.8222
0.8429	0.8634	0.8803	0.8961	0.9137
0.9319	0.9488	0.9603	0.9780	1.0000

Width:

0.0228	0.0455	0.1046	0.1390	0.1730
0.2415	0.2837	0.3526	0.4139	0.5951
0.6038	0.6141	0.6244	0.6328	0.6399
0.6470	0.6541	0.6629	0.6743	0.6857
0.6940	0.7015	0.7089	0.7163	0.7245
0.7329	0.7413	0.7508	0.7647	0.7783
0.7865	0.7947	0.8029	0.8133	0.8272
0.8399	0.8488	0.8577	0.8666	0.8762
0.8858	0.8955	0.9089	0.9235	0.9361
0.9479	0.9610	0.9798	0.9922	1.0000

Transect C31
Area:

0.0043	0.0127	0.0244	0.0379	0.0522
0.0670	0.0824	0.0981	0.1143	0.1308
0.1476	0.1646	0.1820	0.1996	0.2174
0.2355	0.2538	0.2723	0.2910	0.3099
0.3291	0.3484	0.3679	0.3876	0.4076
0.4278	0.4482	0.4689	0.4899	0.5112
0.5329	0.5548	0.5772	0.5998	0.6226
0.6457	0.6691	0.6927	0.7165	0.7407
0.7651	0.7899	0.8149	0.8403	0.8659
0.8919	0.9183	0.9450	0.9722	1.0000

Hrad:

0.0181	0.0358	0.0547	0.0776	0.1023
0.1272	0.1515	0.1757	0.2001	0.2244
0.2489	0.2732	0.2972	0.3212	0.3453
0.3691	0.3927	0.4165	0.4400	0.4633
0.4866	0.5097	0.5326	0.5550	0.5770
0.5987	0.6179	0.6381	0.6572	0.6747
0.6918	0.7092	0.7272	0.7464	0.7662
0.7854	0.8049	0.8247	0.8437	0.8596
0.8784	0.8948	0.9119	0.9284	0.9446
0.9594	0.9733	0.9864	0.9966	1.0000

Width:

0.2415	0.3603	0.4545	0.4965	0.5195
0.5362	0.5528	0.5675	0.5801	0.5916
0.6017	0.6113	0.6208	0.6297	0.6379
0.6459	0.6540	0.6614	0.6688	0.6762
0.6833	0.6904	0.6974	0.7050	0.7128
0.7207	0.7314	0.7408	0.7511	0.7631
0.7754	0.7872	0.7982	0.8077	0.8165
0.8258	0.8345	0.8429	0.8519	0.8640
0.8731	0.8845	0.8951	0.9062	0.9176
0.9303	0.9439	0.9583	0.9756	1.0000

Transect C35
Area:

0.0024	0.0074	0.0158	0.0256	0.0364
0.0480	0.0630	0.0819	0.1011	0.1204
0.1400	0.1596	0.1795	0.1996	0.2199
0.2403	0.2609	0.2816	0.3023	0.3231
0.3439	0.3648	0.3857	0.4067	0.4277
0.4488	0.4700	0.4913	0.5126	0.5340
0.5554	0.5770	0.5986	0.6204	0.6424
0.6645	0.6868	0.7094	0.7321	0.7551
0.7784	0.8020	0.8258	0.8500	0.8743
0.8989	0.9237	0.9488	0.9742	1.0000

Hrad:

0.0178	0.0295	0.0471	0.0684	0.0896
0.1101	0.0924	0.1185	0.1447	0.1707
0.1965	0.2219	0.2467	0.2717	0.2962
0.3202	0.3458	0.3714	0.3968	0.4221
0.4472	0.4721	0.4968	0.5213	0.5457
0.5695	0.5932	0.6166	0.6400	0.6632
0.6859	0.7081	0.7296	0.7498	0.7695
0.7885	0.8065	0.8236	0.8404	0.8564
0.8710	0.8863	0.9002	0.9165	0.9336
0.9481	0.9646	0.9791	0.9910	1.0000

Width:

0.1430	0.2653	0.3561	0.3972	0.4303
0.4794	0.7231	0.7327	0.7403	0.7468
0.7532	0.7604	0.7686	0.7754	0.7830
0.7910	0.7935	0.7956	0.7976	0.7995
0.8015	0.8035	0.8056	0.8077	0.8099
0.8127	0.8155	0.8183	0.8210	0.8238
0.8270	0.8307	0.8351	0.8409	0.8472
0.8540	0.8619	0.8707	0.8796	0.8894
0.9006	0.9109	0.9227	0.9319	0.9400
0.9508	0.9594	0.9701	0.9834	1.0000

Transect C35_1
Area:

0.0008	0.0038	0.0084	0.0142	0.0209
0.0285	0.0368	0.0457	0.0553	0.0657
0.0766	0.0880	0.0998	0.1121	0.1247
0.1378	0.1515	0.1661	0.1831	0.2046
0.2297	0.2549	0.2802	0.3056	0.3311
0.3567	0.3823	0.4081	0.4340	0.4600
0.4861	0.5123	0.5386	0.5649	0.5914
0.6179	0.6445	0.6712	0.6979	0.7247
0.7516	0.7787	0.8058	0.8330	0.8604
0.8878	0.9154	0.9433	0.9715	1.0000

Hrad:

0.0144	0.0282	0.0476	0.0656	0.0853
0.1048	0.1250	0.1440	0.1612	0.1804
0.2001	0.2204	0.2414	0.2619	0.2811
0.2998	0.3132	0.3136	0.3077	0.2988
0.2825	0.3068	0.3316	0.3573	0.3832
0.4089	0.4341	0.4593	0.4848	0.5103
0.5365	0.5628	0.5890	0.6150	0.6410
0.6671	0.6936	0.7201	0.7465	0.7718
0.7969	0.8222	0.8476	0.8730	0.8983
0.9237	0.9445	0.9620	0.9807	1.0000

Width:

0.0559	0.1341	0.1793	0.2207	0.2504
0.2767	0.2985	0.3227	0.3503	0.3711
0.3897	0.4059	0.4194	0.4332	0.4487
0.4647	0.4886	0.5370	0.6702	0.8398
0.8768	0.8808	0.8845	0.8873	0.8901
0.8931	0.8972	0.9012	0.9051	0.9089
0.9117	0.9144	0.9172	0.9203	0.9234
0.9262	0.9286	0.9310	0.9333	0.9369
0.9408	0.9443	0.9478	0.9513	0.9547
0.9581	0.9662	0.9783	0.9894	1.0000

Transect C35_2
Area:

0.0030	0.0083	0.0149	0.0226	0.0312
0.0408	0.0513	0.0625	0.0745	0.0877
0.1025	0.1184	0.1351	0.1524	0.1701
0.1883	0.2068	0.2257	0.2450	0.2647
0.2847	0.3051	0.3257	0.3467	0.3680
0.3895	0.4113	0.4335	0.4560	0.4787
0.5018	0.5251	0.5488	0.5727	0.5970
0.6215	0.6464	0.6716	0.6971	0.7227
0.7487	0.7750	0.8017	0.8287	0.8562
0.8842	0.9126	0.9414	0.9705	1.0000

Hrad:

0.0307	0.0611	0.0888	0.1142	0.1364

0.1566	0.1770	0.1957	0.2126	0.2306
0.2549	0.2783	0.3010	0.3236	0.3462
0.3688	0.3909	0.4131	0.4339	0.4554
0.4768	0.4979	0.5189	0.5397	0.5605
0.5813	0.6016	0.6206	0.6403	0.6600
0.6796	0.6986	0.7177	0.7364	0.7549
0.7734	0.7904	0.8086	0.8271	0.8455
0.8633	0.8792	0.8951	0.9103	0.9254
0.9393	0.9543	0.9700	0.9849	1.0000

Width:

0.1521	0.2034	0.2407	0.2733	0.3075
0.3390	0.3645	0.3914	0.4207	0.4733
0.5201	0.5495	0.5726	0.5910	0.6053
0.6180	0.6306	0.6420	0.6573	0.6689
0.6798	0.6907	0.7011	0.7117	0.7211
0.7301	0.7395	0.7518	0.7620	0.7714
0.7812	0.7916	0.8016	0.8117	0.8219
0.8314	0.8436	0.8529	0.8612	0.8696
0.8790	0.8918	0.9047	0.9191	0.9334
0.9497	0.9631	0.9745	0.9874	1.0000

Transect C37

Area:

0.0063	0.0153	0.0254	0.0365	0.0489
0.0628	0.0780	0.0955	0.1160	0.1374
0.1588	0.1802	0.2016	0.2230	0.2444
0.2658	0.2873	0.3087	0.3301	0.3516
0.3730	0.3945	0.4159	0.4374	0.4588
0.4803	0.5018	0.5232	0.5447	0.5662
0.5877	0.6092	0.6307	0.6522	0.6737
0.6952	0.7167	0.7383	0.7598	0.7813
0.8028	0.8244	0.8459	0.8675	0.8890
0.9106	0.9321	0.9537	0.9758	1.0000

Hrad:

0.0374	0.0794	0.1166	0.1496	0.1783
0.2031	0.2243	0.2375	0.2507	0.2684
0.2880	0.3084	0.3294	0.3506	0.3719
0.3933	0.4145	0.4357	0.4568	0.4777
0.4985	0.5191	0.5395	0.5598	0.5800
0.5999	0.6198	0.6394	0.6590	0.6783
0.6976	0.7167	0.7356	0.7544	0.7731
0.7917	0.8101	0.8284	0.8467	0.8647
0.8827	0.9006	0.9184	0.9360	0.9536
0.9711	0.9885	1.0058	1.0062	1.0000

Width:

0.3200	0.3745	0.4143	0.4588	0.5114
0.5671	0.6316	0.7569	0.8328	0.8355
0.8357	0.8359	0.8360	0.8362	0.8364
0.8366	0.8368	0.8369	0.8371	0.8373
0.8375	0.8376	0.8378	0.8380	0.8382
0.8384	0.8385	0.8387	0.8389	0.8391
0.8393	0.8394	0.8396	0.8398	0.8400
0.8401	0.8403	0.8405	0.8407	0.8409
0.8410	0.8412	0.8414	0.8416	0.8418
0.8419	0.8421	0.8423	0.9004	1.0000

Transect C38

Area:

0.0043	0.0114	0.0196	0.0284	0.0376
0.0473	0.0574	0.0678	0.0787	0.0899
0.1015	0.1134	0.1257	0.1384	0.1515
0.1653	0.1834	0.2043	0.2254	0.2466
0.2680	0.2895	0.3112	0.3331	0.3551
0.3772	0.3996	0.4221	0.4447	0.4675
0.4905	0.5137	0.5369	0.5604	0.5840
0.6078	0.6318	0.6559	0.6803	0.7048
0.7295	0.7544	0.7797	0.8060	0.8345
0.8646	0.8960	0.9290	0.9637	1.0000

Hrad:

0.0223	0.0480	0.0747	0.1016	0.1285
0.1548	0.1803	0.2049	0.2289	0.2530
0.2767	0.2997	0.3218	0.3426	0.3608
0.3728	0.3761	0.3959	0.4202	0.4470
0.4754	0.5048	0.5350	0.5657	0.5967
0.6276	0.6585	0.6894	0.7203	0.7511
0.7817	0.8122	0.8425	0.8724	0.9018
0.9306	0.9590	0.9871	1.0149	1.0425
1.0692	1.0929	1.1059	1.0788	1.0358
1.0331	1.0306	1.0136	1.0094	1.0000

Width:

0.1687	0.2071	0.2279	0.2423	0.2538
0.2642	0.2747	0.2854	0.2959	0.3056
0.3149	0.3245	0.3347	0.3458	0.3593
0.3793	0.5580	0.5623	0.5664	0.5706
0.5748	0.5791	0.5834	0.5876	0.5918
0.5961	0.6005	0.6049	0.6092	0.6134
0.6177	0.6220	0.6262	0.6304	0.6350
0.6397	0.6446	0.6495	0.6545	0.6594
0.6647	0.6719	0.6861	0.7291	0.7909
0.8236	0.8579	0.9092	0.9503	1.0000

Transect C39

Area:

0.0095	0.0239	0.0405	0.0597	0.0790
0.0984	0.1178	0.1374	0.1574	0.1774
0.1975	0.2176	0.2377	0.2578	0.2779
0.2981	0.3183	0.3385	0.3587	0.3789
0.3992	0.4194	0.4397	0.4599	0.4802
0.5005	0.5208	0.5411	0.5614	0.5818
0.6021	0.6224	0.6428	0.6632	0.6836
0.7040	0.7244	0.7448	0.7652	0.7856
0.8061	0.8265	0.8470	0.8675	0.8883
0.9095	0.9310	0.9530	0.9760	1.0000

Hrad:

0.0214	0.0442	0.0648	0.0886	0.1163
0.1436	0.1705	0.1967	0.2219	0.2467
0.2713	0.2954	0.3193	0.3428	0.3659
0.3887	0.4112	0.4334	0.4553	0.4769
0.4982	0.5192	0.5400	0.5605	0.5807
0.6007	0.6205	0.6399	0.6592	0.6782
0.6969	0.7155	0.7338	0.7519	0.7697
0.7874	0.8048	0.8221	0.8391	0.8559
0.8726	0.8890	0.9053	0.9213	0.9367
0.9514	0.9656	0.9788	0.9907	1.0000

Width:

0.5208	0.6353	0.7342	0.7868	0.7882
0.7896	0.7898	0.8129	0.8139	0.8150
0.8160	0.8170	0.8181	0.8191	0.8202
0.8212	0.8219	0.8223	0.8227	0.8231
0.8236	0.8240	0.8244	0.8248	0.8252
0.8257	0.8261	0.8265	0.8269	0.8274
0.8278	0.8282	0.8286	0.8290	0.8295
0.8299	0.8303	0.8307	0.8312	0.8316
0.8320	0.8324	0.8328	0.8383	0.8549
0.8680	0.8843	0.9109	0.9574	1.0000

Transect C4

Area:

0.0010	0.0041	0.0117	0.0223	0.0336
0.0452	0.0573	0.0698	0.0826	0.0959
0.1095	0.1237	0.1383	0.1536	0.1693
0.1855	0.2020	0.2189	0.2360	0.2533
0.2710	0.2889	0.3071	0.3259	0.3454
0.3654	0.3857	0.4063	0.4272	0.4483
0.4697	0.4914	0.5133	0.5355	0.5580
0.5809	0.6040	0.6276	0.6516	0.6762
0.7020	0.7310	0.7622	0.7949	0.8282
0.8621	0.8963	0.9307	0.9653	1.0000

Hrad:

0.0185	0.0289	0.0390	0.0666	0.0957
0.1248	0.1527	0.1796	0.2061	0.2314
0.2563	0.2792	0.3001	0.3198	0.3424
0.3666	0.3909	0.4153	0.4402	0.4647
0.4887	0.5123	0.5346	0.5396	0.5591
0.5798	0.6020	0.6238	0.6468	0.6699
0.6921	0.7147	0.7358	0.7574	0.7774
0.7975	0.8164	0.8327	0.8454	0.8524
0.8156	0.8074	0.8062	0.8318	0.8597
0.8874	0.9153	0.9434	0.9716	1.0000

Width:

0.0510	0.1350	0.2843	0.3158	0.3305
0.3410	0.3521	0.3638	0.3750	0.3870
0.3986	0.4128	0.4291	0.4467	0.4598
0.4698	0.4792	0.4879	0.4953	0.5029
0.5107	0.5185	0.5277	0.5549	0.5674
0.5784	0.5874	0.5965	0.6041	0.6112
0.6190	0.6261	0.6346	0.6425	0.6517
0.6607	0.6707	0.6831	0.6988	0.7197
0.7877	0.8671	0.9279	0.9462	0.9683
0.9795	0.9856	0.9913	0.9954	1.0000

Transect C40

Area:

0.0029	0.0087	0.0162	0.0250	0.0348
0.0456	0.0572	0.0698	0.0830	0.0969
0.1114	0.1265	0.1422	0.1585	0.1753
0.1926	0.2104	0.2287	0.2474	0.2665
0.2860	0.3060	0.3264	0.3471	0.3683
0.3899	0.4119	0.4342	0.4571	0.4805
0.5044	0.5287	0.5534	0.5784	0.6038
0.6294	0.6552	0.6810	0.7070	0.7331
0.7593	0.7856	0.8120	0.8385	0.8651
0.8919	0.9188	0.9458	0.9728	1.0000

Hrad:

0.0162	0.0360	0.0529	0.0720	0.0926
0.1108	0.1289	0.1472	0.1672	0.1856
0.2049	0.2231	0.2425	0.2606	0.2789
0.2986	0.3180	0.3370	0.3565	0.3755
0.3941	0.4130	0.4319	0.4508	0.4692
0.4876	0.5059	0.5230	0.5379	0.5528
0.5699	0.5876	0.6061	0.6251	0.6438
0.6667	0.6909	0.7150	0.7390	0.7632
0.7874	0.8116	0.8357	0.8589	0.8820
0.9049	0.9287	0.9526	0.9763	1.0000

Width:

0.1776	0.2416	0.3055	0.3474	0.3763
0.4122	0.4442	0.4742	0.4966	0.5221
0.5438	0.5673	0.5867	0.6085	0.6288
0.6456	0.6622	0.6789	0.6942	0.7099
0.7261	0.7412	0.7560	0.7704	0.7852

0.7999	0.8144	0.8306	0.8501	0.8696
0.8853	0.9000	0.9133	0.9256	0.9381
0.9443	0.9485	0.9527	0.9569	0.9607
0.9644	0.9681	0.9717	0.9763	0.9810
0.9857	0.9893	0.9929	0.9964	1.0000

Transect C44
Area:

0.0020	0.0073	0.0159	0.0266	0.0388
0.0523	0.0669	0.0823	0.0987	0.1161
0.1344	0.1533	0.1726	0.1920	0.2116
0.2313	0.2512	0.2714	0.2917	0.3122
0.3328	0.3536	0.3746	0.3958	0.4172
0.4387	0.4604	0.4822	0.5042	0.5264
0.5487	0.5712	0.5938	0.6166	0.6396
0.6627	0.6859	0.7094	0.7330	0.7567
0.7805	0.8045	0.8285	0.8527	0.8770
0.9014	0.9259	0.9505	0.9752	1.0000

Hrad:

0.0136	0.0249	0.0382	0.0552	0.0725
0.0904	0.1084	0.1263	0.1433	0.1595
0.1784	0.1977	0.2202	0.2430	0.2655
0.2875	0.3090	0.3306	0.3528	0.3747
0.3965	0.4179	0.4389	0.4595	0.4808
0.5022	0.5237	0.5451	0.5660	0.5868
0.6070	0.6273	0.6484	0.6692	0.6896
0.7094	0.7293	0.7496	0.7705	0.7909
0.8119	0.8331	0.8541	0.8750	0.8958
0.9165	0.9374	0.9584	0.9791	1.0000

Width:

0.1381	0.2799	0.3975	0.4644	0.5202
0.5648	0.6034	0.6396	0.6784	0.7215
0.7484	0.7714	0.7784	0.7842	0.7904
0.7977	0.8063	0.8141	0.8203	0.8268
0.8333	0.8404	0.8482	0.8566	0.8633
0.8694	0.8752	0.8810	0.8876	0.8941
0.9015	0.9084	0.9140	0.9198	0.9261
0.9331	0.9399	0.9460	0.9511	0.9566
0.9613	0.9657	0.9700	0.9745	0.9790
0.9836	0.9878	0.9918	0.9960	1.0000

Transect C45
Area:

0.0009	0.0029	0.0057	0.0091	0.0130
0.0176	0.0230	0.0292	0.0361	0.0438
0.0520	0.0608	0.0701	0.0802	0.0912
0.1030	0.1156	0.1292	0.1439	0.1598
0.1777	0.1963	0.2153	0.2348	0.2547
0.2754	0.2968	0.3193	0.3435	0.3682
0.3933	0.4188	0.4449	0.4719	0.5000
0.5296	0.5605	0.5919	0.6238	0.6563
0.6894	0.7231	0.7571	0.7912	0.8255
0.8600	0.8946	0.9295	0.9647	1.0000

Hrad:

0.0221	0.0423	0.0655	0.0885	0.1100
0.1257	0.1428	0.1596	0.1770	0.1964
0.2195	0.2420	0.2620	0.2702	0.2854
0.3027	0.3178	0.3279	0.3391	0.3404
0.3465	0.3739	0.4014	0.4274	0.4494
0.4693	0.4854	0.4916	0.5011	0.5287
0.5566	0.5828	0.6023	0.6137	0.6216
0.6240	0.6436	0.6690	0.6943	0.7174
0.7351	0.7652	0.7951	0.8253	0.8555
0.8855	0.9146	0.9435	0.9721	1.0000

Width:

0.0416	0.0688	0.0877	0.1036	0.1194
0.1416	0.1629	0.1849	0.2064	0.2256
0.2398	0.2540	0.2704	0.2999	0.3231
0.3442	0.3679	0.3983	0.4290	0.4746
0.5186	0.5306	0.5420	0.5548	0.5725
0.5927	0.6175	0.6562	0.6925	0.7035
0.7135	0.7256	0.7457	0.7764	0.8123
0.8573	0.8797	0.8937	0.9076	0.9240
0.9473	0.9534	0.9595	0.9649	0.9701
0.9753	0.9813	0.9873	0.9934	1.0000

Transect C52
Area:

0.0025	0.0080	0.0150	0.0232	0.0324
0.0423	0.0530	0.0647	0.0775	0.0910
0.1051	0.1198	0.1350	0.1508	0.1672
0.1842	0.2017	0.2197	0.2383	0.2574
0.2772	0.2975	0.3184	0.3399	0.3618
0.3843	0.4072	0.4304	0.4540	0.4779
0.5021	0.5266	0.5516	0.5768	0.6020
0.6274	0.6529	0.6784	0.7041	0.7300
0.7560	0.7823	0.8089	0.8357	0.8626
0.8896	0.9169	0.9443	0.9720	1.0000

Hrad:

0.0192	0.0444	0.0675	0.0926	0.1185
0.1446	0.1763	0.2055	0.2317	0.2566
0.2808	0.3043	0.3272	0.3489	0.3699
0.3905	0.4108	0.4307	0.4497	0.4678
0.4853	0.5028	0.5200	0.5370	0.5540
0.5708	0.5881	0.6056	0.6235	0.6411
0.6584	0.6751	0.6917	0.7106	0.7298
0.7492	0.7686	0.7879	0.8064	0.8247
0.8424	0.8598	0.8773	0.8958	0.9145
0.9332	0.9511	0.9690	0.9852	1.0000

Width:

0.1593	0.2221	0.2740	0.3099	0.3376
0.3628	0.3945	0.4340	0.4677	0.4903
0.5091	0.5288	0.5472	0.5695	0.5916
0.6114	0.6292	0.6461	0.6662	0.6889
0.7107	0.7306	0.7495	0.7683	0.7856
0.8032	0.8167	0.8287	0.8393	0.8501
0.8620	0.8761	0.8896	0.8934	0.8963
0.8993	0.9027	0.9065	0.9124	0.9189
0.9266	0.9354	0.9439	0.9499	0.9552
0.9603	0.9675	0.9746	0.9855	1.0000

Transect C7
Area:

0.0010	0.0028	0.0050	0.0074	0.0103
0.0135	0.0188	0.0320	0.0471	0.0631
0.0797	0.0968	0.1145	0.1326	0.1512
0.1705	0.1906	0.2109	0.2314	0.2522
0.2733	0.2946	0.3161	0.3379	0.3600
0.3823	0.4049	0.4277	0.4508	0.4742
0.4978	0.5217	0.5459	0.5703	0.5950
0.6200	0.6453	0.6708	0.6967	0.7227
0.7491	0.7758	0.8027	0.8300	0.8575
0.8854	0.9134	0.9418	0.9706	1.0000

Hrad:

0.0433	0.0881	0.1311	0.1696	0.2062
0.2356	0.2465	0.2037	0.2003	0.2112
0.2281	0.2477	0.2687	0.2899	0.3106
0.3286	0.3501	0.3733	0.3963	0.4194
0.4422	0.4650	0.4875	0.5099	0.5318
0.5537	0.5751	0.5964	0.6174	0.6383
0.6588	0.6793	0.6993	0.7192	0.7387
0.7581	0.7770	0.7961	0.8150	0.8336
0.8516	0.8694	0.8874	0.9050	0.9224
0.9401	0.9573	0.9736	0.9878	1.0000

Width:

0.0506	0.0662	0.0779	0.0900	0.1020
0.1171	0.3206	0.4903	0.5236	0.5491
0.5676	0.5852	0.6003	0.6174	0.6368
0.6651	0.6788	0.6868	0.6954	0.7035
0.7124	0.7199	0.7284	0.7366	0.7457
0.7543	0.7637	0.7723	0.7816	0.7902
0.7995	0.8077	0.8172	0.8262	0.8357
0.8449	0.8550	0.8637	0.8722	0.8813
0.8920	0.9022	0.9114	0.9212	0.9309
0.9393	0.9487	0.9601	0.9773	1.0000

Transect C9
Area:

0.0032	0.0092	0.0160	0.0234	0.0313
0.0395	0.0479	0.0567	0.0658	0.0752
0.0849	0.0950	0.1055	0.1168	0.1288
0.1416	0.1551	0.1697	0.1851	0.2013
0.2181	0.2355	0.2538	0.2728	0.2924
0.3128	0.3338	0.3555	0.3782	0.4019
0.4263	0.4516	0.4776	0.5044	0.5324
0.5609	0.5898	0.6190	0.6487	0.6787
0.7091	0.7398	0.7709	0.8023	0.8341
0.8663	0.8990	0.9322	0.9658	1.0000

Hrad:

0.0226	0.0527	0.0832	0.1143	0.1448
0.1755	0.2051	0.2337	0.2620	0.2895
0.3154	0.3384	0.3704	0.4032	0.4329
0.4600	0.4848	0.5068	0.5275	0.5471
0.5663	0.5843	0.6015	0.6181	0.6343
0.6503	0.6659	0.6801	0.6928	0.7053
0.7183	0.7314	0.7440	0.7548	0.7658
0.7811	0.7963	0.8119	0.8276	0.8435
0.8595	0.8757	0.8917	0.9080	0.9241
0.9397	0.9550	0.9702	0.9853	1.0000

Width:

0.1522	0.1889	0.2086	0.2217	0.2329
0.2419	0.2509	0.2601	0.2686	0.2772
0.2867	0.2985	0.3155	0.3365	0.3597
0.3830	0.4075	0.4367	0.4578	0.4790
0.4971	0.5190	0.5408	0.5618	0.5815
0.6008	0.6200	0.6446	0.6726	0.6988
0.7226	0.7439	0.7670	0.7962	0.8240
0.8327	0.8446	0.8551	0.8665	0.8774
0.8877	0.8976	0.9085	0.9181	0.9291
0.9422	0.9566	0.9706	0.9844	1.0000

Transect DT01
Area:

0.0006	0.0014	0.0023	0.0046	0.0092
0.0145	0.0203	0.0264	0.0329	0.0398
0.0484	0.0604	0.0749	0.0896	0.1045
0.1195	0.1347	0.1504	0.1666	0.1842
0.2023	0.2204	0.2385	0.2567	0.2748
0.2931	0.3135	0.3387	0.3654	0.3922
0.4191	0.4459	0.4728	0.4997	0.5267

0.5537	0.5823	0.6127	0.6432	0.6736
0.7042	0.7348	0.7654	0.7961	0.8276
0.8601	0.8936	0.9282	0.9636	1.0000

Hrad:

0.0705	0.1191	0.1591	0.1504	0.1524
0.1794	0.2125	0.2468	0.2812	0.3043
0.2954	0.2991	0.3216	0.3513	0.3830
0.4148	0.4429	0.4661	0.4890	0.4975
0.5324	0.5669	0.6009	0.6344	0.6673
0.6994	0.7245	0.7368	0.7502	0.7669
0.7860	0.8066	0.8284	0.8509	0.8740
0.8975	0.7737	0.8004	0.8270	0.8536
0.8800	0.9063	0.9320	0.9291	0.9335
0.9411	0.9539	0.9675	0.9836	1.0000

Width:

0.0184	0.0227	0.0270	0.1118	0.1360
0.1508	0.1617	0.1716	0.1808	0.2013
0.2798	0.3557	0.3994	0.4022	0.4055
0.4098	0.4185	0.4336	0.4504	0.4905
0.4913	0.4922	0.4931	0.4938	0.4943
0.5153	0.6057	0.7266	0.7276	0.7286
0.7292	0.7300	0.7313	0.7325	0.7338
0.7351	0.8272	0.8275	0.8279	0.8291
0.8303	0.8315	0.8338	0.8380	0.8685
0.8992	0.9253	0.9520	0.9758	1.0000

Transect DT02

Area:

0.0005	0.0012	0.0024	0.0041	0.0065
0.0096	0.0134	0.0179	0.0231	0.0316
0.0452	0.0591	0.0732	0.0876	0.1022
0.1171	0.1322	0.1491	0.1673	0.1856
0.2039	0.2222	0.2406	0.2589	0.2773
0.2968	0.3200	0.3455	0.3710	0.3966
0.4222	0.4478	0.4734	0.4991	0.5268
0.5568	0.5869	0.6170	0.6471	0.6772
0.7073	0.7375	0.7677	0.7982	0.8297
0.8620	0.8952	0.9293	0.9642	1.0000

Hrad:

0.0582	0.0948	0.1209	0.1501	0.2091
0.2508	0.2852	0.3134	0.3335	0.3185
0.3004	0.3115	0.3327	0.3576	0.3844
0.4116	0.4367	0.4373	0.4635	0.4904
0.5174	0.5443	0.5711	0.5974	0.6234
0.6456	0.6581	0.6685	0.6818	0.6972
0.7138	0.7314	0.7496	0.7682	0.7206
0.7434	0.7679	0.7924	0.8170	0.8415
0.8659	0.8902	0.9143	0.9222	0.9327
0.9446	0.9565	0.9707	0.9847	1.0000

Width:

0.0160	0.0250	0.0393	0.0574	0.0764
0.0955	0.1132	0.1327	0.1636	0.3723
0.3790	0.3865	0.3935	0.4009	0.4076
0.4146	0.4256	0.5046	0.5050	0.5055
0.5060	0.5064	0.5069	0.5074	0.5084
0.5862	0.7047	0.7054	0.7061	0.7068
0.7075	0.7083	0.7090	0.7097	0.8287
0.8307	0.8312	0.8317	0.8322	0.8327
0.8332	0.8339	0.8345	0.8579	0.8813
0.9048	0.9303	0.9532	0.9776	1.0000

Transect DT03

Area:

0.0011	0.0029	0.0053	0.0083	0.0121
0.0166	0.0220	0.0289	0.0420	0.0570
0.0722	0.0878	0.1037	0.1199	0.1367
0.1546	0.1735	0.1926	0.2118	0.2309
0.2501	0.2693	0.2885	0.3078	0.3272
0.3486	0.3722	0.3959	0.4197	0.4434
0.4672	0.4910	0.5149	0.5418	0.5688
0.5959	0.6229	0.6500	0.6771	0.7042
0.7314	0.7586	0.7861	0.8143	0.8431
0.8726	0.9031	0.9343	0.9666	1.0000

Hrad:

0.0564	0.1088	0.1667	0.2153	0.2533
0.2842	0.3087	0.3186	0.2912	0.2920
0.3081	0.3305	0.3551	0.3789	0.3986
0.4155	0.4375	0.4639	0.4901	0.5162
0.5419	0.5671	0.5919	0.6162	0.6398
0.6577	0.6717	0.6871	0.7033	0.7201
0.7372	0.7544	0.7617	0.7459	0.7684
0.7907	0.8130	0.8352	0.8572	0.8791
0.9008	0.9221	0.9319	0.9434	0.9553
0.9659	0.9760	0.9865	0.9965	1.0000

Width:

0.0458	0.0593	0.0787	0.1005	0.1200
0.1438	0.1712	0.2336	0.4329	0.4416
0.4508	0.4590	0.4671	0.4797	0.5045
0.5405	0.5572	0.5580	0.5587	0.5595
0.5603	0.5611	0.5619	0.5626	0.5786
0.6902	0.6911	0.6921	0.6931	0.6941
0.6951	0.6962	0.7349	0.7888	0.7892
0.7896	0.7900	0.7907	0.7914	0.7922
0.7929	0.7941	0.8135	0.8320	0.8512
0.8743	0.9000	0.9264	0.9551	1.0000

Transect DT04

Area:

0.0010	0.0026	0.0052	0.0091	0.0145
0.0217	0.0365	0.0535	0.0709	0.0886
0.1067	0.1251	0.1440	0.1635	0.1838
0.2048	0.2259	0.2469	0.2680	0.2890
0.3101	0.3312	0.3523	0.3734	0.3945
0.4160	0.4384	0.4609	0.4834	0.5060
0.5285	0.5511	0.5737	0.5963	0.6189
0.6416	0.6642	0.6869	0.7096	0.7323
0.7551	0.7786	0.8031	0.8285	0.8547
0.8819	0.9100	0.9391	0.9691	1.0000

Hrad:

0.0460	0.0790	0.1076	0.1487	0.1752
0.1901	0.1689	0.1828	0.2064	0.2331
0.2611	0.2891	0.3158	0.3412	0.3642
0.3912	0.4192	0.4470	0.4744	0.5014
0.5280	0.5542	0.5800	0.6053	0.6301
0.6537	0.6753	0.6968	0.7180	0.7389
0.7596	0.7800	0.8001	0.8198	0.8393
0.8585	0.8774	0.8959	0.9143	0.9323
0.9452	0.9508	0.9568	0.9638	0.9715
0.9796	0.9880	0.9958	1.0042	1.0000

Width:

0.0414	0.0650	0.1052	0.1440	0.1969
0.2761	0.5352	0.5469	0.5585	0.5702
0.5810	0.5931	0.6101	0.6317	0.6624
0.6693	0.6696	0.6700	0.6703	0.6707
0.6710	0.6713	0.6717	0.6720	0.6723
0.7126	0.7146	0.7164	0.7170	0.7175
0.7181	0.7187	0.7193	0.7198	0.7204
0.7210	0.7216	0.7221	0.7227	0.7233
0.7341	0.7628	0.7927	0.8220	0.8508
0.8800	0.9090	0.9400	0.9691	1.0000

Transect DT05

Area:

0.0015	0.0040	0.0077	0.0129	0.0226
0.0335	0.0461	0.0598	0.0743	0.0895
0.1057	0.1227	0.1407	0.1589	0.1772
0.1956	0.2139	0.2323	0.2507	0.2690
0.2874	0.3058	0.3243	0.3427	0.3611
0.3803	0.4022	0.4245	0.4468	0.4691
0.4915	0.5139	0.5363	0.5587	0.5813
0.6038	0.6265	0.6492	0.6722	0.6962
0.7214	0.7478	0.7753	0.8040	0.8337
0.8647	0.8968	0.9301	0.9645	1.0000

Hrad:

0.0526	0.0924	0.1275	0.1763	0.1852
0.2098	0.2349	0.2627	0.2905	0.3178
0.3438	0.3688	0.3941	0.4234	0.4531
0.4826	0.5116	0.5402	0.5683	0.5959
0.6229	0.6494	0.6753	0.7008	0.7257
0.7483	0.7638	0.7798	0.7964	0.8133
0.8304	0.8476	0.8647	0.8816	0.8985
0.9153	0.9319	0.9483	0.9521	0.9525
0.9527	0.9560	0.9584	0.9634	0.9684
0.9732	0.9797	0.9858	0.9925	1.0000

Width:

0.0565	0.0829	0.1205	0.1892	0.2882
0.3263	0.3672	0.3897	0.4125	0.4354
0.4595	0.4840	0.5039	0.5079	0.5082
0.5085	0.5088	0.5091	0.5094	0.5097
0.5100	0.5103	0.5106	0.5109	0.5112
0.5664	0.6169	0.6177	0.6186	0.6194
0.6202	0.6210	0.6219	0.6235	0.6251
0.6266	0.6281	0.6296	0.6514	0.6818
0.7152	0.7456	0.7793	0.8099	0.8416
0.8748	0.9054	0.9378	0.9695	1.0000

Transect DT05-2

Area:

0.0015	0.0040	0.0077	0.0129	0.0226
0.0335	0.0461	0.0598	0.0743	0.0895
0.1057	0.1227	0.1407	0.1589	0.1772
0.1956	0.2139	0.2323	0.2507	0.2690
0.2874	0.3058	0.3243	0.3427	0.3611
0.3803	0.4022	0.4245	0.4468	0.4691
0.4915	0.5139	0.5363	0.5587	0.5813
0.6038	0.6265	0.6492	0.6722	0.6962
0.7214	0.7478	0.7753	0.8040	0.8337
0.8647	0.8968	0.9301	0.9645	1.0000

Hrad:

0.0526	0.0924	0.1275	0.1763	0.1852
0.2098	0.2349	0.2627	0.2905	0.3178
0.3438	0.3688	0.3941	0.4234	0.4531
0.4826	0.5116	0.5402	0.5683	0.5959
0.6229	0.6494	0.6753	0.7008	0.7257
0.7483	0.7638	0.7798	0.7964	0.8133
0.8304	0.8476	0.8647	0.8816	0.8985
0.9153	0.9319	0.9483	0.9521	0.9525
0.9527	0.9560	0.9584	0.9634	0.9684
0.9732	0.9797	0.9858	0.9925	1.0000

Width:

0.0565	0.0829	0.1205	0.1892	0.2882
0.3263	0.3672	0.3897	0.4125	0.4354
0.4595	0.4840	0.5039	0.5079	0.5082
0.5085	0.5088	0.5091	0.5094	0.5097
0.5100	0.5103	0.5106	0.5109	0.5112
0.5664	0.6169	0.6177	0.6186	0.6194
0.6202	0.6210	0.6219	0.6235	0.6251
0.6266	0.6281	0.6296	0.6514	0.6818
0.7152	0.7456	0.7793	0.8099	0.8416
0.8748	0.9054	0.9378	0.9695	1.0000

```
*********************************************************
NOTE: The summary statistics displayed in this report are
based on results found at every computational time step,
not just on results from each reporting time step.
*********************************************************

****************
Analysis Options
****************
Flow Units ............... CFS
Process Models:
  Rainfall/Runoff ........ YES
  RDII ................... NO
  Snowmelt ............... NO
  Groundwater ............ NO
  Flow Routing ........... YES
  Ponding Allowed ........ YES
  Water Quality .......... NO
Flow Routing Method ...... DYNWAVE
Surcharge Method ......... EXTRAN
Starting Date ............ 03/08/2021 00:00:00
Ending Date .............. 03/09/2021 00:00:00
Antecedent Dry Days ...... 0.0
Report Time Step ......... 00:01:00
Routing Time Step ........ 3.00 sec
Variable Time Step ....... YES
Maximum Trials ........... 8
Number of Threads ........ 6
Head Tolerance ........... 0.005000 ft


**************************        Volume         Volume
Flow Routing Continuity        acre-feet       10^6 gal
**************************     ---------      ---------
Dry Weather Inflow .......         0.000          0.000
Wet Weather Inflow .......         0.000          0.000
Groundwater Inflow .......         0.000          0.000
RDII Inflow ..............         0.000          0.000
External Inflow ..........        50.131         16.336
External Outflow .........        46.062         15.010
Flooding Loss ............         0.000          0.000
Evaporation Loss .........         0.000          0.000
Exfiltration Loss ........         0.000          0.000
Initial Stored Volume ....         0.000          0.000
Final Stored Volume ......         3.988          1.300
Continuity Error (%) .....         0.162


*************************
Highest Continuity Errors
*************************
Node RO1 (4.07%)
Node J9 (3.59%)
Node 19438 (-2.13%)
Node 52033 (1.73%)
Node 52031 (1.59%)


***************************
Time-Step Critical Elements
***************************
Link 86624_2 (95.85%)


********************************
Highest Flow Instability Indexes
********************************
All links are stable.


*************************
Routing Time Step Summary
*************************
Minimum Time Step           :     0.03 sec
Average Time Step           :     0.99 sec
Maximum Time Step           :     3.00 sec
Percent in Steady State     :    -0.00
Average Iterations per Step :     2.01
Percent Not Converging      :     0.02
Time Step Frequencies       :
    3.000 -  2.096 sec      :     3.32 %
    2.096 -  1.465 sec      :     2.54 %
    1.465 -  1.024 sec      :    30.76 %
    1.024 -  0.715 sec      :    44.21 %
    0.715 -  0.500 sec      :    19.16 %


******************
Node Depth Summary
******************
```

Node	Type	Average Depth Feet	Maximum Depth Feet	Maximum HGL Feet	Time of Max Occurrence days hr:min	Reported Max Depth Feet
11194	JUNCTION	0.23	2.74	1428.24	0 12:05	2.72
1170	JUNCTION	1.31	8.55	1422.38	0 12:20	8.55
12874	JUNCTION	0.57	3.92	1409.32	0 12:32	3.92
13426	JUNCTION	0.46	5.08	1440.89	0 12:21	5.08
14273	JUNCTION	1.01	11.58	1430.87	0 12:13	11.58
14274	JUNCTION	0.77	7.31	1443.29	0 12:12	7.31
14741	JUNCTION	0.10	0.68	1414.28	0 12:18	0.68
15018	JUNCTION	0.54	5.92	1433.70	0 12:21	5.92
16375	JUNCTION	0.97	9.87	1429.97	0 12:24	9.87
16378	JUNCTION	0.96	10.42	1427.77	0 12:15	10.42
16456	JUNCTION	0.88	7.97	1428.52	0 12:25	7.97
16613	JUNCTION	0.01	0.51	1417.93	0 12:17	0.50
16614	JUNCTION	0.09	0.76	1417.92	0 12:17	0.76
16615	JUNCTION	0.15	1.32	1415.60	0 12:17	1.32
16616	JUNCTION	0.24	2.16	1405.16	0 12:12	2.16
16617	JUNCTION	0.06	0.50	1405.49	0 12:04	0.50
16618	JUNCTION	0.07	0.68	1406.18	0 12:04	0.68
16619	JUNCTION	0.35	3.17	1404.65	0 12:12	3.17
16620	JUNCTION	0.28	3.18	1404.05	0 12:21	3.17
16621	JUNCTION	0.64	4.53	1403.83	0 12:21	4.52
16622	JUNCTION	0.00	0.00	1405.39	0 00:00	0.00
16623	JUNCTION	0.59	3.71	1404.94	0 12:21	3.70
16624	JUNCTION	0.64	3.61	1404.56	0 12:21	3.60
16626	JUNCTION	0.14	1.41	1426.31	0 12:05	1.41
19039	JUNCTION	0.94	10.72	1434.32	0 12:12	10.72
19041	JUNCTION	0.93	10.16	1432.00	0 12:13	10.16
19042	JUNCTION	0.50	9.97	1430.26	0 12:17	9.97
19043	JUNCTION	0.69	10.90	1430.71	0 12:14	10.89
19438	JUNCTION	0.11	6.48	1432.63	0 12:08	6.48
23252	JUNCTION	0.25	2.27	1444.20	0 12:18	2.27
23652	JUNCTION	0.14	1.46	1414.46	0 12:24	1.46
23653	JUNCTION	0.34	1.36	1414.36	0 12:24	1.36
25064	JUNCTION	0.70	3.85	1442.26	0 12:19	3.85
3151	JUNCTION	0.09	0.88	1441.95	0 12:04	0.87
3170	JUNCTION	0.49	3.95	1442.20	0 12:19	3.95
3386	JUNCTION	0.69	7.15	1438.11	0 12:12	7.15
3909	JUNCTION	0.64	7.91	1427.07	0 12:22	7.91
3910	JUNCTION	1.53	10.63	1424.81	0 12:20	10.63
51235	JUNCTION	0.00	0.00	1442.23	0 00:00	0.00
51236	JUNCTION	0.00	0.00	1446.55	0 00:00	0.00
51631	JUNCTION	0.14	1.00	1434.37	0 12:12	1.00
51632	JUNCTION	0.17	1.46	1430.80	0 12:15	1.46
51633	JUNCTION	0.00	0.00	1432.57	0 00:00	0.00
51637	JUNCTION	0.03	2.04	1429.67	0 12:14	1.90
51638	JUNCTION	0.35	5.41	1429.56	0 12:14	5.38
51639	JUNCTION	0.88	6.80	1428.97	0 12:14	6.80
51641	JUNCTION	0.19	4.67	1430.11	0 12:19	4.66
51642	JUNCTION	0.16	4.83	1430.11	0 12:18	4.82
51643	JUNCTION	0.30	7.64	1430.11	0 12:19	7.64
52031	JUNCTION	2.04	7.17	1427.07	0 12:21	7.17
52032	JUNCTION	0.81	4.93	1427.07	0 12:21	4.93
52033	JUNCTION	1.00	5.29	1427.07	0 12:21	5.29
52034	JUNCTION	0.90	5.10	1427.09	0 12:05	5.10
52035	JUNCTION	2.21	7.50	1427.07	0 12:21	7.50
52036	JUNCTION	1.12	5.41	1426.99	0 12:22	5.41
52037	JUNCTION	0.10	6.29	1432.63	0 12:08	6.29
52038	JUNCTION	0.28	7.65	1432.79	0 12:07	7.64
BMP01OUTLET	JUNCTION	0.26	4.42	1421.92	0 12:29	4.42
BMP02OUTLET	JUNCTION	0.88	7.38	1428.28	0 12:11	7.38
D01	JUNCTION	0.34	1.98	1397.98	0 12:25	1.98
D02	JUNCTION	0.80	4.03	1401.58	0 12:25	4.03
D03	JUNCTION	0.96	4.19	1402.59	0 12:25	4.19
D04	JUNCTION	0.58	2.96	1402.60	0 12:25	2.96
D05	JUNCTION	0.67	3.03	1407.07	0 12:26	3.03
D06	JUNCTION	0.58	2.74	1414.50	0 12:25	2.74
J03	JUNCTION	0.04	0.41	1412.31	0 12:05	0.41
J04	JUNCTION	0.11	0.98	1407.98	0 12:10	0.98
J05	JUNCTION	0.13	2.75	1428.45	0 12:05	2.74
J06	JUNCTION	0.09	0.86	1429.24	0 12:04	0.85
J07	JUNCTION	0.20	2.07	1441.13	0 12:04	2.06
J08	JUNCTION	0.00	0.00	1414.93	0 00:00	0.00
J09	JUNCTION	0.00	0.00	1413.96	0 00:00	0.00
J1	JUNCTION	0.00	0.00	1412.25	0 00:00	0.00
J10	JUNCTION	1.22	3.11	1395.11	0 12:27	3.11
J11	JUNCTION	0.32	6.75	1449.33	0 12:12	6.75
J12	JUNCTION	0.06	0.90	1429.94	0 12:20	0.90
J13	JUNCTION	0.05	0.30	1467.07	0 12:07	0.30
J2	JUNCTION	0.13	0.85	1448.34	0 12:13	0.85
J3	JUNCTION	0.01	0.07	1434.72	0 12:14	0.07
J4	JUNCTION	0.10	0.57	1448.07	0 12:18	0.57
J5	JUNCTION	0.24	1.43	1446.60	0 12:11	1.42
J6	JUNCTION	0.07	1.09	1424.17	0 12:19	1.09

J7	JUNCTION	0.77	3.46	1410.09	0	12:26	3.46	
J8	JUNCTION	0.64	3.14	1390.74	0	12:27	3.14	
J9	JUNCTION	4.56	8.51	1395.11	0	12:27	8.51	
RO1	JUNCTION	0.00	0.04	1422.18	0	12:10	0.04	
OF1	OUTFALL	0.64	3.14	1387.14	0	12:27	3.14	
BMP_ALTB	STORAGE	0.40	3.06	1417.06	0	12:46	3.06	
SU1	STORAGE	3.22	7.46	1424.96	0	12:27	7.46	
SU2	STORAGE	3.33	7.32	1428.32	0	12:05	7.31	

****
Node Inflow Summary
****

Node	Type	Maximum Lateral Inflow CFS	Maximum Total Inflow CFS	Time of Max Occurrence days hr:min		Lateral Inflow Volume 10^6 gal	Total Inflow Volume 10^6 gal	Flow Balance Error Percent	
11194	JUNCTION	9.51	22.42	0	12:05	0.133	0.3	0.027	
1170	JUNCTION	0.00	197.87	0	12:23	0	11.1	0.007	
12874	JUNCTION	0.00	20.66	0	12:52	0	1.69	-0.015	
13426	JUNCTION	0.00	162.84	0	12:13	0	3.47	0.674	
14273	JUNCTION	0.00	238.32	0	12:13	0	6.9	0.147	
14274	JUNCTION	0.00	264.90	0	12:11	0	7.07	0.313	
14741	JUNCTION	0.00	8.36	0	12:17	0	0.213	0.037	
15018	JUNCTION	0.00	100.72	0	12:21	0	3.45	-0.011	
16375	JUNCTION	0.00	100.89	0	12:22	0	4.81	-0.035	
16378	JUNCTION	0.00	147.32	0	12:11	0	6.63	0.049	
16456	JUNCTION	0.00	29.23	0	12:03	0	1.58	0.019	
16613	JUNCTION	0.00	0.03	0	12:10	0	0.000101	0.110	
16614	JUNCTION	0.00	9.03	0	12:14	0	0.215	0.715	
16615	JUNCTION	0.00	8.36	0	12:17	0	0.213	0.012	
16616	JUNCTION	3.23	33.77	0	12:11	0.0604	0.785	0.053	
16617	JUNCTION	0.00	2.92	0	12:04	0	0.0332	-0.005	
16618	JUNCTION	2.91	2.91	0	12:04	0.0332	0.0332	0.012	
16619	JUNCTION	6.68	37.62	0	12:10	0.0965	0.881	0.257	
16620	JUNCTION	0.00	37.43	0	12:11	0	0.879	-0.142	
16621	JUNCTION	0.00	42.28	0	12:20	0	2.63	0.088	
16622	JUNCTION	0.00	0.00	0	00:00	0	0	0.000	gal
16623	JUNCTION	0.00	20.67	0	12:51	0	1.69	0.021	
16624	JUNCTION	4.25	20.97	0	12:49	0.0591	1.75	-0.137	
16626	JUNCTION	4.26	26.40	0	12:05	0.0497	0.349	0.005	
19039	JUNCTION	0.00	239.30	0	12:12	0	6.87	0.127	
19041	JUNCTION	0.00	239.22	0	12:12	0	6.86	-0.055	
19042	JUNCTION	0.00	5.06	0	12:11	0	0.0531	0.012	
19043	JUNCTION	0.00	5.80	0	12:11	0	0.0551	0.043	
19438	JUNCTION	0.00	2.30	0	12:08	0	0.00356	-2.086	
23252	JUNCTION	0.00	74.72	0	12:18	0	2.06	0.225	
23652	JUNCTION	0.00	86.16	0	12:28	0	1.56	0.007	
23653	JUNCTION	0.00	197.87	0	12:23	0	11.1	0.007	
25064	JUNCTION	0.00	33.05	0	12:15	0	1.78	-0.017	
3151	JUNCTION	13.93	13.93	0	12:04	0.166	0.166	0.004	
3170	JUNCTION	0.00	118.41	0	12:17	0	2.85	-0.030	
3386	JUNCTION	0.00	239.30	0	12:12	0	6.86	-0.093	
3909	JUNCTION	0.00	81.56	0	12:09	0	4.59	0.000	
3910	JUNCTION	0.00	197.87	0	12:23	0	11.1	0.053	
51235	JUNCTION	0.00	0.00	0	00:00	0	0	0.000	gal
51236	JUNCTION	0.00	0.00	0	00:00	0	0	0.000	gal
51631	JUNCTION	13.09	13.09	0	12:12	0.278	0.28	-0.258	
51632	JUNCTION	10.10	15.92	0	12:10	0.114	0.394	0.262	
51633	JUNCTION	0.00	0.00	0	00:00	0	0	0.000	gal
51637	JUNCTION	0.00	1.78	0	12:07	0	0.00148	0.159	
51638	JUNCTION	0.00	24.11	0	12:06	0	0.396	0.003	
51639	JUNCTION	9.80	101.18	0	12:14	0.11	0.743	-1.313	
51641	JUNCTION	2.35	2.35	0	12:04	0.0264	0.0277	-0.151	
51642	JUNCTION	0.00	4.59	0	12:13	0	0.0323	0.013	
51643	JUNCTION	0.00	5.49	0	12:12	0	0.0476	0.231	
52031	JUNCTION	0.00	29.11	0	12:14	0	0.585	1.619	
52032	JUNCTION	0.00	19.29	0	12:15	0	0.0967	-0.107	
52033	JUNCTION	0.00	113.30	0	12:05	0	1.02	1.758	
52034	JUNCTION	0.00	113.17	0	12:05	0	0.93	0.595	
52035	JUNCTION	2.52	130.21	0	12:08	0.0281	1.76	-0.819	
52036	JUNCTION	0.00	49.22	0	12:19	0	0.687	-0.001	
52037	JUNCTION	0.00	1.04	0	12:05	0	0.000134	-8.884	
52038	JUNCTION	17.03	17.03	0	12:08	0.274	0.275	0.516	
BMP01OUTLET	JUNCTION	0.00	86.29	0	12:27	0	1.56	0.011	
BMP02OUTLET	JUNCTION	0.00	29.36	0	12:03	0	1.51	0.002	
D01	JUNCTION	2.40	324.09	0	12:25	0.0277	15.7	0.017	
D02	JUNCTION	0.00	323.83	0	12:25	0	15.7	0.010	
D03	JUNCTION	0.00	323.84	0	12:25	0	15.7	0.027	
D04	JUNCTION	1.51	286.21	0	12:26	0.0188	13.1	0.036	
D05	JUNCTION	0.53	283.10	0	12:26	0.00673	12.7	0.079	
D06	JUNCTION	3.06	283.46	0	12:24	0.0358	12.7	0.032	
J03	JUNCTION	0.00	26.41	0	12:05	0	0.349	0.056	
J04	JUNCTION	24.37	24.37	0	12:10	0.479	0.479	0.121	
J05	JUNCTION	0.00	13.85	0	12:04	0	0.166	0.001	
J06	JUNCTION	0.00	13.91	0	12:04	0	0.166	0.004	
J07	JUNCTION	0.00	13.91	0	12:04	0	0.166	0.008	
J08	JUNCTION	0.00	0.00	0	00:00	0	0	0.000	gal
J09	JUNCTION	0.00	0.00	0	00:00	0	0	0.000	gal
J1	JUNCTION	0.00	0.00	0	00:00	0	0	0.000	gal
J10	JUNCTION	0.00	324.09	0	12:25	0	15.7	0.815	
J11	JUNCTION	0.00	41.42	0	12:07	0	0.609	-0.652	
J12	JUNCTION	13.09	120.39	0	12:19	0.15	1.25	0.158	
J13	JUNCTION	41.66	41.66	0	12:07	0.613	0.613	0.681	
J2	JUNCTION	163.06	163.06	0	12:13	3.48	3.48	0.051	
J3	JUNCTION	9.04	9.04	0	12:14	0.215	0.215	0.058	
J4	JUNCTION	74.80	74.80	0	12:18	2.06	2.06	0.019	
J5	JUNCTION	265.34	265.34	0	12:11	5.31	5.31	-0.094	
J6	JUNCTION	0.00	159.92	0	12:16	0	1.42	0.388	
J7	JUNCTION	0.00	283.29	0	12:25	0	12.7	0.240	
J8	JUNCTION	0.00	322.96	0	12:27	0	15	0.053	
J9	JUNCTION	0.00	323.42	0	12:26	0	15.6	3.720	
RO1	JUNCTION	0.00	1.97	0	12:09	0	0.00218	4.238	
OF1	OUTFALL	0.00	322.91	0	12:27	0	15	0.000	
BMP_ALTB	STORAGE	20.83	154.62	0	12:19	0.327	1.74	0.006	
SU1	STORAGE	1.12	96.39	0	12:19	0.0196	1.96	0.712	
SU2	STORAGE	142.30	142.30	0	12:05	2.18	2.33	0.158	

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Node Surcharge Summary
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Surcharging occurs when water rises above the top of the highest conduit.

Node	Type	Hours Surcharged	Max. Height Above Crown Feet	Min. Depth Below Rim Feet
1170	JUNCTION	0.81	3.554	3.646
3910	JUNCTION	0.87	5.631	5.569
52037	JUNCTION	0.27	5.040	0.310
J05	JUNCTION	0.08	0.748	1.162
J07	JUNCTION	0.02	0.031	2.033

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Node Flooding Summary
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No nodes were flooded.

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Storage Volume Summary
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Storage Unit	Average Volume 1000 ft3	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 ft3	Max Pcnt Full	Time of Max Occurrence days hr:min		Maximum Outflow CFS
BMP_ALTB	19.491	5	0	0	154.668	39	0	12:46	20.66
SU1	29.282	27	0	0	80.907	75	0	12:27	86.29
SU2	10.929	26	0	0	36.115	85	0	12:05	140.47

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Outfall Loading Summary
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Outfall Node	Flow Freq Pcnt	Avg Flow CFS	Max Flow CFS	Total Volume 10^6 gal
OF1	53.11	59.51	322.91	15.009
System	53.11	59.51	322.91	15.009

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Link Flow Summary
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Link	Type	Maximum |Flow| CFS	Time of Max Occurrence days hr:min		Maximum |Veloc| ft/sec	Max/ Full Flow	Max/ Full Depth
26126	CONDUIT	324.09	0	12:25	12.75	0.26	0.42
29037	CONDUIT	5.06	0	12:11	4.12	1.03	1.00
29038	CONDUIT	5.80	0	12:11	4.72	0.76	1.00
29039	CONDUIT	38.76	0	12:51	9.75	0.80	1.00
29040	CONDUIT	101.43	0	12:06	14.36	0.98	1.00
30304	CONDUIT	103.49	0	12:09	14.64	0.85	1.00
30306_1	CONDUIT	128.06	0	12:10	13.31	1.10	1.00
30306_2	CONDUIT	129.81	0	12:10	13.49	1.09	1.00
33414	CONDUIT	81.56	0	12:09	11.54	0.92	1.00
33415	CONDUIT	81.03	0	12:09	11.46	0.47	1.00
33421	CONDUIT	125.10	0	12:13	7.87	0.78	1.00
33422	CONDUIT	147.32	0	12:11	9.26	1.05	1.00
33570	CONDUIT	29.03	0	12:03	9.24	1.42	1.00
33571	CONDUIT	29.23	0	12:03	9.30	1.22	1.00
34005	CONDUIT	0.03	0	12:10	0.15	0.01	0.51
34006	CONDUIT	8.36	0	12:17	6.70	0.71	0.66
34007	CONDUIT	8.36	0	12:17	7.89	0.46	0.81

34008	CONDUIT	24.26	0	12:10	8.50	0.21	0.62
34009	CONDUIT	8.36	0	12:18	6.64	0.42	0.73
34010	CONDUIT	2.90	0	12:04	3.61	0.34	0.70
34011	CONDUIT	2.92	0	12:04	5.13	0.43	0.47
34012	CONDUIT	33.35	0	12:12	5.29	0.51	0.86
34013	CONDUIT	37.43	0	12:11	5.99	0.76	0.98
34014	CONDUIT	42.17	0	12:20	5.97	0.85	1.00
34015	CONDUIT	37.33	0	12:11	5.35	0.28	1.00
34016	CONDUIT	20.67	0	12:51	11.70	0.89	1.00
34017	CONDUIT	0.00	0	00:00	0.00	0.00	0.50
34018	CONDUIT	21.00	0	12:47	4.92	1.19	1.00
34019	CONDUIT	20.68	0	12:51	4.22	0.72	1.00
34026	CONDUIT	13.91	0	12:04	4.96	0.87	0.84
34027	CONDUIT	22.41	0	12:05	7.40	1.42	0.92
34028	CONDUIT	26.41	0	12:05	19.11	0.35	0.46
34066	CONDUIT	197.87	0	12:23	10.08	1.73	1.00
76613	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
77008	CONDUIT	13.07	0	12:13	7.84	0.46	0.57
77010	CONDUIT	24.96	0	12:52	8.14	1.75	1.00
77012	CONDUIT	33.05	0	12:15	10.52	0.27	1.00
77013	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
77014	CONDUIT	16.22	0	12:06	8.49	0.55	0.87
77409	CONDUIT	0.00	0	00:00	0.00	0.00	0.30
77808	CONDUIT	1.78	0	12:07	1.90	0.10	1.00
77809	CONDUIT	2.36	0	12:04	4.22	0.54	1.00
77810	CONDUIT	2.53	0	12:31	7.22	0.18	1.00
77811	CONDUIT	4.76	0	12:11	3.88	0.34	1.00
77812	CONDUIT	16.89	0	12:07	5.11	0.55	1.00
77814	CONDUIT	29.11	0	12:14	5.93	0.85	1.00
78208	CONDUIT	21.45	0	12:45	4.37	0.74	1.00
78209	CONDUIT	71.19	0	12:08	14.50	1.34	1.00
78210	CONDUIT	5.31	0	12:03	4.33	1.09	1.00
78211	CONDUIT	11.05	0	12:03	9.00	3.82	1.00
78212	CONDUIT	11.69	0	12:04	9.52	1.84	1.00
78213	CONDUIT	86.16	0	12:28	15.40	0.59	0.74
78214	CONDUIT	197.87	0	12:23	15.05	0.57	0.64
78215	CONDUIT	1.04	0	12:05	0.86	0.13	1.00
78216	CONDUIT	2.30	0	12:08	1.87	0.29	1.00
78217	CONDUIT	11.91	0	12:45	4.30	0.25	1.00
78218	CONDUIT	15.02	0	12:08	8.50	1.18	1.00
86624_1	CONDUIT	13.85	0	12:04	5.77	0.27	0.71
86624_2	CONDUIT	13.81	0	12:04	4.40	0.27	1.00
86628	CONDUIT	13.91	0	12:04	5.75	0.25	0.72
C1	CHANNEL	0.00	0	00:00	0.00	0.00	0.01
C10	CHANNEL	197.93	0	12:22	4.65	0.01	0.19
C11	CHANNEL	0.00	0	00:00	0.00	0.00	0.03
C12	CONDUIT	0.00	0	00:00	0.00	0.00	0.21
C13	CONDUIT	24.79	0	12:11	10.30	1.09	1.00
C13_1	CHANNEL	0.00	0	00:00	0.00	0.00	0.02
C13_2	CHANNEL	1.20	0	12:10	0.42	0.04	0.61
C14	CHANNEL	26.26	0	12:15	0.84	0.01	0.27
C15	CHANNEL	109.08	0	12:05	3.55	0.03	0.21
C16	CONDUIT	0.63	0	12:19	0.11	0.00	0.29
C17	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C18	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C19	CONDUIT	41.56	0	12:18	5.05	0.11	0.41
C2	CHANNEL	0.00	0	00:00	0.00	0.00	0.50
C20	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C21	CHANNEL	0.00	0	00:00	0.00	0.00	0.50
C21_1	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C21_2	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C22	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C22_1	CHANNEL	119.91	0	12:20	4.86	0.00	0.03
C23	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C24	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C25	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C25_1	CHANNEL	115.78	0	12:19	4.11	0.01	0.11
C26	CHANNEL	16.04	0	12:16	1.04	0.23	0.94
C27	CHANNEL	111.27	0	12:06	1.63	0.00	0.07
C28	CHANNEL	28.92	0	12:20	1.59	0.30	0.75
C29	CONDUIT	28.30	0	12:19	3.17	0.35	0.55
C3	CONDUIT	19.67	0	12:05	1.86	0.01	0.57
C30	CHANNEL	1.97	0	12:09	6.16	0.02	0.15
C31	CHANNEL	9.90	0	12:25	0.56	0.01	0.20
C32	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C33	CONDUIT	48.23	0	12:21	5.67	0.30	0.85
C34	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C35	CHANNEL	19.29	0	12:15	1.26	0.00	0.07
C35_1	CHANNEL	70.00	0	12:14	3.57	0.02	0.24
C35_2	CHANNEL	148.30	0	12:19	2.75	0.01	0.08
C36	CONDUIT	78.43	0	12:40	11.10	0.73	1.00
C37	CHANNEL	9.03	0	12:14	0.86	0.00	0.01
C38	CHANNEL	162.84	0	12:13	2.07	0.00	0.16
C39	CHANNEL	35.81	0	12:22	3.47	0.00	0.01
C4	CHANNEL	323.42	0	12:26	>50.00	0.00	0.20
C40	CHANNEL	74.72	0	12:18	1.72	0.16	0.71
C41	CONDUIT	152.64	0	12:12	8.94	0.66	0.85
C42	CONDUIT	167.61	0	12:12	9.00	0.06	0.19
C43	CONDUIT	140.23	0	12:12	8.48	0.22	0.42
C44	CONDUIT	0.00	0	00:00	0.00	0.00	0.05
C45	CHANNEL	264.90	0	12:11	2.31	0.00	0.33
C46	CONDUIT	170.08	0	12:13	6.47	0.25	0.44
C47	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C48	CONDUIT	1.54	0	12:25	0.40	0.03	0.60
C49	CONDUIT	3.79	0	12:14	0.32	0.01	0.81
C5	CONDUIT	100.72	0	12:21	14.99	0.91	1.00
C50	CONDUIT	1.65	0	12:14	0.19	0.01	0.43
C51	CONDUIT	2.75	0	12:19	0.54	0.02	0.25
C52	CHANNEL	41.42	0	12:07	5.65	0.00	0.08
C54	CONDUIT	20.66	0	12:52	13.34	0.81	1.00
C6	CONDUIT	26.36	0	12:05	3.73	0.23	0.71
C7	CHANNEL	322.91	0	12:27	5.20	0.01	0.14
C8	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C9	CHANNEL	86.42	0	12:27	1.82	0.01	0.25
C999	CONDUIT	86.51	0	12:13	3.38	0.22	0.47
DT01	CHANNEL	323.82	0	12:25	9.12	0.00	0.07
DT02	CHANNEL	323.83	0	12:25	8.18	0.00	0.07
DT03	CHANNEL	286.38	0	12:26	4.60	0.00	0.06
DT04	CHANNEL	283.00	0	12:26	8.04	0.00	0.05
DT05_1	CHANNEL	283.27	0	12:25	7.88	0.00	0.05
DT05_2	CHANNEL	283.03	0	12:26	7.34	0.00	0.05
OR1	ORIFICE	3.79	0	12:00			1.00
OR2	ORIFICE	27.68	0	12:01			
OR3	ORIFICE	0.61	0	12:12			1.00
OR4	ORIFICE	85.83	0	12:27			
OR5	ORIFICE	322.96	0	12:27			
BMP4_CREST	WEIR	0.00	0	00:00			0.00
BMP4_ES	WEIR	0.00	0	00:00			0.00
W1	WEIR	113.17	0	12:05			0.32
W2	WEIR	0.00	0	00:00			0.00

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Flow Classification Summary
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	Adjusted	Fraction of Time in Flow Class									
Conduit	/Actual Length	Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl
26126	1.00	0.04	0.00	0.00	0.87	0.09	0.00	0.00	0.81	0.00
29037	1.00	0.24	0.00	0.00	0.59	0.00	0.00	0.17	0.39	0.00
29038	1.00	0.08	0.17	0.00	0.67	0.08	0.00	0.00	0.06	0.00
29039	1.00	0.00	0.03	0.00	0.36	0.61	0.00	0.00	0.50	0.00
29040	1.00	0.00	0.00	0.00	0.35	0.64	0.00	0.00	0.00	0.00
30304	1.00	0.07	0.00	0.00	0.29	0.63	0.00	0.00	0.66	0.00
30306_1	1.00	0.07	0.00	0.00	0.06	0.20	0.00	0.66	0.00	0.00
30306_2	1.00	0.07	0.00	0.00	0.06	0.00	0.00	0.87	0.00	0.00
33414	1.00	0.23	0.00	0.00	0.06	0.00	0.00	0.70	0.00	0.00
33415	1.00	0.08	0.16	0.00	0.59	0.18	0.00	0.00	0.63	0.00
33421	1.00	0.08	0.05	0.00	0.88	0.00	0.00	0.00	0.79	0.00
33422	1.00	0.07	0.00	0.00	0.33	0.60	0.00	0.00	0.05	0.00
33570	1.00	0.23	0.00	0.00	0.55	0.08	0.00	0.13	0.00	0.00
33571	1.00	0.23	0.00	0.00	0.36	0.22	0.00	0.19	0.00	0.00
34005	1.00	0.38	0.54	0.00	0.09	0.00	0.00	0.00	0.47	0.00
34006	1.00	0.39	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00
34007	1.00	0.38	0.00	0.00	0.02	0.61	0.00	0.00	0.51	0.00
34008	1.00	0.02	0.29	0.00	0.13	0.56	0.00	0.00	0.80	0.00
34009	1.00	0.09	0.31	0.00	0.30	0.30	0.00	0.00	0.54	0.00
34010	1.00	0.09	0.00	0.00	0.56	0.35	0.00	0.00	0.54	0.00
34011	1.00	0.08	0.00	0.00	0.03	0.89	0.00	0.00	0.00	0.00
34012	1.00	0.09	0.00	0.00	0.45	0.46	0.00	0.00	0.75	0.00
34013	1.00	0.09	0.00	0.00	0.07	0.00	0.00	0.85	0.00	0.00
34014	1.00	0.04	0.05	0.00	0.91	0.00	0.00	0.00	0.67	0.00
34015	1.00	0.09	0.00	0.00	0.21	0.36	0.00	0.34	0.31	0.00
34016	1.00	0.42	0.00	0.00	0.14	0.02	0.00	0.42	0.00	0.00
34017	1.00	0.83	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34018	1.00	0.19	0.00	0.00	0.06	0.00	0.00	0.75	0.00	0.00
34019	1.00	0.32	0.10	0.00	0.58	0.00	0.00	0.00	0.02	0.00
34026	1.00	0.03	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00
34027	1.00	0.03	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00
34028	1.00	0.03	0.00	0.00	0.00	0.97	0.00	0.00	0.00	0.00
34066	1.00	0.08	0.00	0.00	0.92	0.00	0.00	0.00	0.00	0.00
76613	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
77008	1.00	0.06	0.00	0.00	0.00	0.04	0.00	0.90	0.01	0.00
77010	1.00	0.34	0.03	0.00	0.07	0.00	0.00	0.55	0.01	0.00
77012	1.00	0.04	0.00	0.00	0.39	0.57	0.00	0.00	0.41	0.00
77013	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
77014	1.00	0.12	0.00	0.00	0.05	0.01	0.00	0.81	0.02	0.00
77409	1.00	0.40	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
77808	1.00	0.32	0.62	0.00	0.05	0.00	0.00	0.00	0.48	0.00
77809	1.00	0.24	0.00	0.00	0.09	0.68	0.00	0.00	0.00	0.00
77810	1.00	0.24	0.00	0.00	0.05	0.00	0.00	0.71	0.01	0.00
77811	1.00	0.24	0.00	0.00	0.13	0.02	0.00	0.61	0.07	0.00
77812	1.00	0.12	0.00	0.00	0.53	0.00	0.00	0.34	0.47	0.00
77814	1.00	0.13	0.00	0.00	0.82	0.06	0.00	0.00	0.27	0.00
78208	1.00	0.13	0.00	0.00	0.55	0.00	0.00	0.32	0.00	0.00
78209	1.00	0.13	0.00	0.00	0.52	0.00	0.00	0.35	0.00	0.00
78210	1.00	0.47	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.00
78211	1.00	0.47	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.00
78212	1.00	0.47	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.00
78213	1.00	0.15	0.00	0.00	0.03	0.82	0.00	0.00	0.01	0.00
78214	1.00	0.08	0.05	0.00	0.11	0.76	0.00	0.00	0.15	0.00
78215	1.00	0.47	0.00	0.00	0.53	0.00	0.00	0.00	0.47	0.00
78216	1.00	0.31	0.61	0.00	0.08	0.00	0.00	0.00	0.47	0.00
78217	1.00	0.20	0.00	0.00	0.53	0.09	0.00	0.18	0.03	0.00
78218	1.00	0.20	0.00	0.00	0.52	0.00	0.00	0.28	0.47	0.00
86624_1	1.00	0.03	0.00	0.00	0.01	0.95	0.00	0.00	0.29	0.00
86624_2	1.00	0.03	0.00	0.00	0.58	0.39	0.00	0.00	0.47	0.00

86628	1.00	0.03	0.00	0.00	0.01	0.89	0.00	0.07	0.78	0.00
C1	1.00	0.31	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C10	1.00	0.08	0.00	0.00	0.92	0.00	0.00	0.00	0.72	0.00
C11	1.00	0.48	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C12	1.00	0.03	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C13	1.00	0.02	0.00	0.00	0.80	0.18	0.00	0.00	0.55	0.00
C13_1	1.00	0.48	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C13_2	1.00	0.09	0.39	0.00	0.52	0.00	0.00	0.00	0.49	0.00
C14	1.00	0.95	0.00	0.00	0.05	0.00	0.00	0.00	0.47	0.00
C15	1.00	0.94	0.00	0.00	0.05	0.00	0.00	0.01	0.00	0.00
C16	1.00	0.94	0.04	0.00	0.00	0.00	0.01	0.00	0.00	0.00
C17	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C18	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C19	1.00	0.94	0.02	0.00	0.02	0.02	0.00	0.00	0.49	0.00
C2	1.00	0.24	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C20	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C21	1.00	0.09	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C21_1	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C21_2	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C22	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C22_1	1.00	0.32	0.00	0.00	0.00	0.00	0.00	0.68	0.00	0.00
C23	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C24	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C25	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C25_1	1.00	0.94	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00
C26	1.00	0.94	0.00	0.00	0.05	0.00	0.00	0.00	0.47	0.00
C27	1.00	0.95	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00
C28	1.00	0.95	0.00	0.00	0.05	0.00	0.00	0.00	0.47	0.00
C29	1.00	0.94	0.00	0.00	0.04	0.00	0.00	0.02	0.00	0.00
C3	1.00	0.04	0.91	0.00	0.04	0.00	0.01	0.00	0.01	0.00
C30	1.00	0.48	0.52	0.00	0.00	0.01	0.00	0.00	0.49	0.00
C31	1.00	0.95	0.02	0.00	0.03	0.00	0.00	0.00	0.49	0.00
C32	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C33	1.00	0.14	0.81	0.00	0.03	0.02	0.00	0.00	0.48	0.00
C34	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C35	1.00	0.95	0.04	0.00	0.02	0.00	0.00	0.00	0.49	0.00
C35_1	1.00	0.31	0.68	0.00	0.01	0.00	0.00	0.00	0.49	0.00
C35_2	1.00	0.31	0.00	0.00	0.00	0.00	0.00	0.69	0.00	0.00
C36	1.00	0.25	0.03	0.00	0.10	0.63	0.00	0.00	0.61	0.00
C37	1.00	0.38	0.01	0.00	0.60	0.02	0.00	0.00	0.54	0.00
C38	1.00	0.00	0.26	0.00	0.72	0.02	0.00	0.00	0.61	0.00
C39	1.00	0.96	0.00	0.00	0.00	0.01	0.00	0.03	0.00	0.00
C4	1.00	0.05	0.00	0.00	0.89	0.05	0.00	0.00	0.29	0.00
C40	1.00	0.02	0.00	0.00	0.97	0.01	0.00	0.00	0.68	0.00
C41	1.00	0.97	0.00	0.00	0.00	0.02	0.00	0.00	0.49	0.00
C42	1.00	0.97	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
C43	1.00	0.98	0.00	0.00	0.00	0.02	0.00	0.00	0.49	0.00
C44	1.00	0.99	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C45	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.80	0.00
C46	1.00	0.98	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
C47	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C48	1.00	0.98	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
C49	1.00	0.97	0.01	0.00	0.02	0.00	0.00	0.00	0.48	0.00
C5	1.00	0.00	0.00	0.00	0.03	0.01	0.00	0.95	0.00	0.00
C50	1.00	0.98	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C51	1.00	0.96	0.02	0.00	0.01	0.00	0.00	0.00	0.49	0.00
C52	1.00	0.27	0.00	0.00	0.02	0.00	0.00	0.71	0.01	0.00
C54	1.00	0.41	0.00	0.00	0.11	0.02	0.00	0.46	0.00	0.00
C6	1.00	0.03	0.00	0.00	0.96	0.00	0.00	0.00	0.88	0.00
C7	1.00	0.47	0.00	0.00	0.53	0.00	0.00	0.00	0.20	0.00
C8	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C9	1.00	0.09	0.07	0.00	0.84	0.00	0.00	0.00	0.64	0.00
C999	1.00	0.98	0.00	0.00	0.02	0.00	0.00	0.00	0.49	0.00
DT01	1.00	0.05	0.00	0.00	0.00	0.00	0.00	0.95	0.00	0.00
DT02	1.00	0.04	0.00	0.00	0.91	0.06	0.00	0.00	0.06	0.00
DT03	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.83	0.00
DT04	1.00	0.03	0.20	0.00	0.16	0.61	0.00	0.00	0.04	0.00
DT05_1	1.00	0.09	0.00	0.00	0.89	0.02	0.00	0.00	0.64	0.00
DT05_2	1.00	0.09	0.00	0.00	0.91	0.00	0.00	0.00	0.00	0.00

****
Conduit Surcharge Summary
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Conduit	Hours Both Ends	Hours Full Upstream	Hours Full Dnstream	Hours Above Full Normal Flow	Hours Capacity Limited
29037	0.93	0.93	1.23	0.01	0.07
29038	1.25	1.25	2.48	0.01	0.01
29039	0.81	0.81	0.83	0.01	0.10
29040	0.68	0.74	0.68	0.01	0.64
30304	0.68	0.68	0.80	0.01	0.01
30306_1	0.73	0.76	0.73	0.01	0.73
30306_2	0.71	0.74	0.71	0.02	0.52
33414	0.73	0.82	0.73	0.01	0.73
33415	0.74	0.74	1.36	0.01	0.01
33421	0.78	0.78	0.92	0.01	0.01
33422	0.71	0.71	0.78	0.10	0.25
33570	0.93	0.96	0.93	0.41	0.37
33571	0.94	0.97	0.94	0.14	0.38
34007	0.01	0.01	0.12	0.01	0.01
34009	0.01	0.01	0.19	0.01	0.01
34010	0.01	0.01	0.30	0.01	0.01
34012	0.01	0.01	0.09	0.01	0.01
34013	0.01	0.09	0.06	0.01	0.01
34014	0.78	0.78	0.88	0.01	0.35
34015	0.11	0.11	0.74	0.01	0.01
34016	2.10	2.25	2.13	0.01	2.10
34018	0.33	1.00	0.40	2.22	0.30
34019	0.54	2.13	0.55	0.01	0.52
34026	0.01	0.03	0.01	0.01	0.01
34027	0.01	0.09	0.01	0.09	0.01
34066	0.81	0.87	0.81	0.88	0.81
77010	0.82	1.12	0.82	0.27	0.57
77012	0.45	0.45	1.12	0.01	0.01
77014	0.01	0.01	0.64	0.01	0.01
77808	0.14	0.14	0.66	0.01	0.01
77809	0.36	0.36	0.36	0.01	0.01
77810	0.36	0.36	0.55	0.01	0.01
77811	0.72	0.72	0.88	0.01	0.01
77812	0.54	0.54	0.71	0.01	0.01
77814	0.71	0.71	11.93	0.01	0.01
78208	11.93	11.93	11.93	0.01	0.01
78209	11.91	11.93	11.91	0.17	0.68
78210	1.68	1.68	11.94	0.01	0.01
78211	11.90	11.90	11.95	0.14	0.20
78212	11.94	11.94	11.94	0.10	0.10
78213	0.01	0.26	0.01	0.01	0.01
78214	0.01	0.81	0.01	0.01	0.01
78215	0.27	0.27	0.31	0.01	0.01
78216	0.31	0.31	0.62	0.01	0.01
78217	0.98	0.98	11.94	0.01	0.01
78218	0.54	0.54	11.92	0.11	0.14
86624_1	0.01	0.01	0.08	0.01	0.01
86624_2	0.08	0.08	0.09	0.01	0.03
86628	0.01	0.01	0.02	0.01	0.01
C13	0.34	0.34	0.83	0.31	0.33
C13_2	0.01	0.01	11.87	0.01	0.01
C26	0.01	0.01	0.33	0.01	0.01
C3	0.01	0.01	11.95	0.01	0.01
C33	0.01	0.01	11.91	0.01	0.01
C36	0.57	0.57	0.81	0.01	0.01
C40	0.01	0.01	0.73	0.01	0.01
C49	0.01	0.01	11.78	0.01	0.01
C5	0.42	0.42	0.54	0.01	0.31
C54	1.81	1.81	2.22	0.01	0.01
C6	0.01	0.01	2.12	0.01	0.01

Analysis begun on: Tue Jun 15 13:10:08 2021
Analysis ended on: Tue Jun 15 13:10:13 2021
Total elapsed time: 00:00:05

Analysis begun on: Tue Jun 15 13:10:08 2021
Analysis ended on: Tue Jun 15 13:10:13 2021
Total elapsed time: 00:00:05

ALTERNATIVE B 10-YEAR SWMM OUTPUTS

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ALTERNATIVE RUNOFF METHOD (ARM) - PCSWMM VERSION 7.4.3202
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This is a new version of ARM - your feedback and suggestions are solicited.
Create a ticket, post on the PCSWMM feature request forum, or email us directly!

Simulation start time:                  03/08/2021 00:00:00
Simulation end time:                    03/09/2021 00:00:00
Runoff wet weather time steps:          60 seconds
Report time steps:                      60 seconds
Number of data points:                  1441


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Unit Hydrographs Runoff Method
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                                                                                Area   Time of Concentration  Time to Peak
Time after Peak    Peak UH Flow    UH Depth
  Subcatchment         Runoff Method             Raingage                      (ac)   (min)                  (min)
(min)              (CFS/in)        (in)
-----------------------------------------------------------------------------------------------------------------------
-----------------------------------------------
  DA-2                 Dimensionless UH (483.4)  10YR                         10.306 8.89                   5.83
23.69              80.08214        0.992
  DA-5                 Dimensionless UH (483.4)  10YR                         4.523  10.88                  7.03
29                 29.1707         0.996
  DA-6                 Dimensionless UH (483.4)  10YR                         66.259 17.6                   11.06
46.92              271.51338       1.001
  DA-1A                Dimensionless UH (483.4)  10YR                         0.49   5                      3.5
13.33              6.34462         0.994
  DA-1B                Dimensionless UH (483.4)  10YR                         0.822  9.21                   6.03
24.55              6.18188         0.993
  DA-4                 Dimensionless UH (483.4)  10YR                         1.823  5                      3.5
13.33              23.60459        0.994
  DA-4A                Dimensionless UH (483.4)  10YR                         3.454  7.7                    5.12
20.53              30.57245        0.991
  DA-4B                Dimensionless UH (483.4)  10YR                         0.578  5                      3.5
13.33              7.48407         0.994
  DA-8                 Dimensionless UH (483.4)  10YR                         0.946  5                      3.5
13.33              12.24901        0.994
  DA-8C                Dimensionless UH (483.4)  10YR                         0.685  5                      3.5
13.33              8.86953         0.994
  DA-2A                Dimensionless UH (483.4)  10YR                         0.959  8.15                   5.39
21.74              8.05872         0.992
  DA-8A                Dimensionless UH (483.4)  10YR                         0.259  5                      3.5
13.33              3.35359         0.994
  DA-8B                Dimensionless UH (483.4)  10YR                         0.675  5                      3.5
13.33              8.74004         0.994
  DA-3A                Dimensionless UH (483.4)  10YR                         6.017  19.37                  12.12
51.64              22.49488        1.001
  DA-3D                Dimensionless UH (483.4)  10YR                         0.422  5                      3.5
13.33              5.46415         0.994
  DA-3B                Dimensionless UH (483.4)  10YR                         0.823  14.27                  9.06
38.05              4.11552         0.998
  DA-3                 Dimensionless UH (483.4)  10YR                         16.963 12.69                  8.12
33.84              94.72865        0.998
  DA-3C                Dimensionless UH (483.4)  10YR                         0.762  7.16                   4.8
19.09              7.20125         0.991
  DA-3E                Dimensionless UH (483.4)  10YR                         1.984  8.71                   5.73
23.23              15.69755        0.992
  DA-7A                Dimensionless UH (483.4)  10YR                         3.578  5                      3.5
13.33              46.32871        0.994
  DA-7C                Dimensionless UH (483.4)  10YR                         30.176 10.48                  6.79
27.93              201.5354        0.995
  DA-7B                Dimensionless UH (483.4)  10YR                         10.638 5                      3.5
13.33              137.7431        0.994
  DA-1E                Dimensionless UH (483.4)  10YR                         127.361 15.23                  9.64
40.61              598.78842       1
  DA-1C_2              Dimensionless UH (483.4)  10YR                         6.76   16.8                   10.58
44.79              28.95603        1.001
  DA-1C_4              Dimensionless UH (483.4)  10YR                         1.582  5                      3.5
13.33              20.48407        0.994
  DA-1C_1              Dimensionless UH (483.4)  10YR                         1.969  5                      3.5
13.33              25.49503        0.994
  DA-1C_5              Dimensionless UH (483.4)  10YR                         0.477  5                      3.5
13.33              6.1763          0.994
  DA-1D_1              Dimensionless UH (483.4)  10YR                         53.971 24.9                   15.44
66.37              158.43773       1.001
  DA-1D_2              Dimensionless UH (483.4)  10YR                         3.469  5                      3.5
13.33              44.91736        0.994
  DA-1D_3              Dimensionless UH (483.4)  10YR                         12.776 9.02                   5.91
24.05              97.91523        0.993


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ARM Runoff Summary
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                     Total       Total       Total       Total       Peak        Runoff
                     Precip      Losses      Runoff      Runoff      Runoff      Coeff
Subcatchment         (in)        (in)        (in)        10^6 gal    CFS         (fraction)
--------------------------------------------------------------------------------------
DA-2                 3.87        2.699       1.168       0.327       20.83       0.302
DA-5                 3.87        1.637       2.229       0.274       17.034      0.576
DA-6                 3.87        1.931       1.932       3.476       163.061     0.499
DA-1A                3.87        1.752       2.115       0.028       2.517       0.546
DA-1B                3.87        2.987       0.88        0.02        1.117       0.227
DA-4                 3.87        0.507       3.359       0.166       13.929      0.868
DA-4A                3.87        2.444       1.423       0.133       9.506       0.368
DA-4B                3.87        0.699       3.167       0.05        4.259       0.818
DA-8                 3.87        2.474       1.393       0.036       3.062       0.36
DA-8C                3.87        2.376       1.491       0.028       2.396       0.385
DA-2A                3.87        1.6         2.268       0.059       4.253       0.586
DA-8A                3.87        2.911       0.957       0.007       0.526       0.247
DA-8B                3.87        2.841       1.027       0.019       1.506       0.265
DA-3A                3.87        2.548       1.315       0.215       9.042       0.34
DA-3D                3.87        0.971       2.896       0.033       2.91        0.748
DA-3B                3.87        2.271       1.595       0.036       1.858       0.412
DA-3                 3.87        2.827       1.039       0.479       24.374      0.269
DA-3C                3.87        2.67        1.197       0.025       1.771       0.309
DA-3E                3.87        2.075       1.793       0.097       6.683       0.463
DA-7A                3.87        1.031       2.836       0.276       24.25       0.733
DA-7C                3.87        2.533       1.333       1.092       65.817      0.344
DA-7B                3.87        1.066       2.799       0.809       71.351      0.723
DA-1E                3.87        2.328       1.535       5.308       265.347     0.397
DA-1C_2              3.87        2.348       1.515       0.278       13.086      0.391
DA-1C_4              3.87        1.22        2.647       0.114       10.103      0.684
DA-1C_1              3.87        1.816       2.051       0.11        9.796       0.53
DA-1C_5              3.87        1.832       2.035       0.026       2.353       0.526
DA-1D_1              3.87        2.458       1.403       2.056       74.806      0.363
DA-1D_2              3.87        2.271       1.596       0.15        13.093      0.412
DA-1D_3              3.87        2.098       1.767       0.613       41.668      0.457


EPA STORM WATER MANAGEMENT MODEL - VERSION 5.1 (Build 5.1.015)
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SMALL PRIVATE AND PUBLIC BMP FOOTPRINT

WARNING 04: minimum elevation drop used for Conduit C20
WARNING 03: negative offset ignored for Link C37
WARNING 03: negative offset ignored for Link C40
WARNING 02: maximum depth increased for Node 11194
WARNING 02: maximum depth increased for Node 12874
WARNING 02: maximum depth increased for Node 13426
WARNING 02: maximum depth increased for Node 14273
WARNING 02: maximum depth increased for Node 14274
WARNING 02: maximum depth increased for Node 15018
WARNING 02: maximum depth increased for Node 16375
WARNING 02: maximum depth increased for Node 16378
WARNING 02: maximum depth increased for Node 16456
WARNING 02: maximum depth increased for Node 16614
WARNING 02: maximum depth increased for Node 16616
WARNING 02: maximum depth increased for Node 16617
WARNING 02: maximum depth increased for Node 16618
WARNING 02: maximum depth increased for Node 16619
WARNING 02: maximum depth increased for Node 16620
WARNING 02: maximum depth increased for Node 16621
WARNING 02: maximum depth increased for Node 16622
WARNING 02: maximum depth increased for Node 16623
WARNING 02: maximum depth increased for Node 16624
WARNING 02: maximum depth increased for Node 19039
WARNING 02: maximum depth increased for Node 19041
WARNING 02: maximum depth increased for Node 19042
WARNING 02: maximum depth increased for Node 19043
WARNING 02: maximum depth increased for Node 19438
WARNING 02: maximum depth increased for Node 23252
WARNING 02: maximum depth increased for Node 23652
WARNING 02: maximum depth increased for Node 23653
WARNING 02: maximum depth increased for Node 25064
WARNING 02: maximum depth increased for Node 3170
WARNING 02: maximum depth increased for Node 3386
WARNING 02: maximum depth increased for Node 3909
WARNING 02: maximum depth increased for Node 51631
WARNING 02: maximum depth increased for Node 51632
WARNING 02: maximum depth increased for Node 51633
WARNING 02: maximum depth increased for Node 51637
WARNING 02: maximum depth increased for Node 51638
WARNING 02: maximum depth increased for Node 51639
WARNING 02: maximum depth increased for Node 51641
WARNING 02: maximum depth increased for Node 51642
WARNING 02: maximum depth increased for Node 51643
WARNING 02: maximum depth increased for Node 52031
WARNING 02: maximum depth increased for Node 52032
WARNING 02: maximum depth increased for Node 52033
WARNING 02: maximum depth increased for Node 52034
WARNING 02: maximum depth increased for Node 52035
WARNING 02: maximum depth increased for Node 52036
WARNING 02: maximum depth increased for Node 52038
WARNING 02: maximum depth increased for Node BMP02OUTLET
WARNING 02: maximum depth increased for Node D01
WARNING 02: maximum depth increased for Node D02
WARNING 02: maximum depth increased for Node D03
WARNING 02: maximum depth increased for Node J04
WARNING 02: maximum depth increased for Node J10
WARNING 02: maximum depth increased for Node J11
WARNING 02: maximum depth increased for Node J9
```

****
Element Count
****
Number of rain gages 4
Number of subcatchments ... 0
Number of nodes 90
Number of links 137
Number of pollutants 0
Number of land uses 0

****
Raingage Summary
****

Name	Data Source	Data Type	Recording Interval
100YR	100YR	CUMULATIVE	1 min.
10YR	10YR	CUMULATIVE	1 min.
25YR	25YR	CUMULATIVE	1 min.
2YR	2YR	CUMULATIVE	60 min.

****
Node Summary
****

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
11194	JUNCTION	1425.50	4.40	0.0	
1170	JUNCTION	1413.83	12.20	0.0	
12874	JUNCTION	1405.40	37.27	0.0	
13426	JUNCTION	1435.81	18.24	0.0	
14273	JUNCTION	1419.29	12.77	0.0	
14274	JUNCTION	1435.98	13.37	0.0	
14741	JUNCTION	1413.60	8.00	0.0	
15018	JUNCTION	1427.78	40.70	0.0	
16375	JUNCTION	1420.10	44.64	0.0	
16378	JUNCTION	1417.35	19.04	0.0	
16456	JUNCTION	1420.55	10.01	0.0	
16613	JUNCTION	1417.42	3.98	0.0	
16614	JUNCTION	1417.16	37.23	0.0	
16615	JUNCTION	1414.28	11.58	0.0	
16616	JUNCTION	1403.00	45.26	0.0	
16617	JUNCTION	1404.99	43.31	0.0	
16618	JUNCTION	1405.50	50.70	0.0	
16619	JUNCTION	1401.48	41.66	0.0	
16620	JUNCTION	1400.87	10.44	0.0	
16621	JUNCTION	1399.30	41.69	0.0	
16622	JUNCTION	1405.39	8.00	0.0	
16623	JUNCTION	1401.23	11.56	0.0	
16624	JUNCTION	1400.95	40.54	0.0	
16626	JUNCTION	1424.90	6.40	0.0	
19039	JUNCTION	1423.60	14.92	0.0	
19041	JUNCTION	1421.84	11.28	0.0	
19042	JUNCTION	1420.29	11.50	0.0	
19043	JUNCTION	1419.81	12.00	0.0	
19438	JUNCTION	1426.15	6.88	0.0	
23252	JUNCTION	1441.92	3.00	0.0	
23652	JUNCTION	1413.00	8.33	0.0	
23653	JUNCTION	1413.00	10.90	0.0	
25064	JUNCTION	1438.41	4.30	0.0	
3151	JUNCTION	1441.07	3.00	0.0	
3170	JUNCTION	1438.25	8.48	0.0	
3386	JUNCTION	1430.96	11.22	0.0	
3909	JUNCTION	1419.16	11.70	0.0	
3910	JUNCTION	1414.18	16.20	0.0	
51235	JUNCTION	1442.23	8.30	0.0	
51236	JUNCTION	1446.55	4.00	0.0	
51631	JUNCTION	1433.37	9.80	0.0	
51632	JUNCTION	1429.34	8.40	0.0	
51633	JUNCTION	1432.57	5.20	0.0	
51637	JUNCTION	1427.63	5.00	0.0	
51638	JUNCTION	1424.15	8.10	0.0	
51639	JUNCTION	1422.17	9.43	0.0	
51641	JUNCTION	1425.44	5.10	0.0	
51642	JUNCTION	1425.28	5.20	0.0	
51643	JUNCTION	1422.47	8.53	0.0	
52031	JUNCTION	1419.90	9.77	0.0	
52032	JUNCTION	1422.14	13.14	0.0	
52033	JUNCTION	1421.78	17.07	0.0	
52034	JUNCTION	1421.99	9.19	0.0	
52035	JUNCTION	1419.57	18.97	0.0	
52036	JUNCTION	1421.58	6.91	0.0	
52037	JUNCTION	1426.34	6.60	0.0	
52038	JUNCTION	1425.14	8.51	0.0	
BMP01OUTLET	JUNCTION	1417.50	8.50	0.0	
BMP02OUTLET	JUNCTION	1420.90	9.10	0.0	
D01	JUNCTION	1396.00	62.62	0.0	
D02	JUNCTION	1397.55	61.62	0.0	
D03	JUNCTION	1398.40	59.53	0.0	
D04	JUNCTION	1399.65	59.68	0.0	
D05	JUNCTION	1404.03	59.68	0.0	
D06	JUNCTION	1411.76	59.42	0.0	
J03	JUNCTION	1411.90	2.00	0.0	
J04	JUNCTION	1407.00	34.97	0.0	
J05	JUNCTION	1425.70	3.91	0.0	
J06	JUNCTION	1428.38	14.20	0.0	
J07	JUNCTION	1439.06	4.10	0.0	
J08	JUNCTION	1414.93	34.97	0.0	
J09	JUNCTION	1413.96	11.43	0.0	
J1	JUNCTION	1412.25	33.27	0.0	
J10	JUNCTION	1392.00	28.53	0.0	
J11	JUNCTION	1442.58	14.38	0.0	
J12	JUNCTION	1429.04	32.53	0.0	
J13	JUNCTION	1466.77	8.76	0.0	
J2	JUNCTION	1447.49	18.24	0.0	
J3	JUNCTION	1434.64	37.23	0.0	
J4	JUNCTION	1447.50	1.33	0.0	
J5	JUNCTION	1445.18	13.37	0.0	
J6	JUNCTION	1423.08	35.51	0.0	
J7	JUNCTION	1406.63	59.42	0.0	
J8	JUNCTION	1387.59	22.26	0.0	
J9	JUNCTION	1386.60	28.53	0.0	
RO1	JUNCTION	1422.14	0.91	0.0	
OF1	OUTFALL	1384.00	22.26	0.0	
BMP_ALTB	STORAGE	1414.00	7.00	0.0	
SU1	STORAGE	1417.50	9.00	0.0	
SU2	STORAGE	1421.00	8.00	0.0	

****
Link Summary
****

Name	From Node	To Node	Type	Length	%Slope	Roughness
26126	D01	J10	CONDUIT	287.4	1.3921	0.0130
29037	19042	19043	CONDUIT	80.2	0.5737	0.0130
29038	19043	14273	CONDUIT	37.4	1.3921	0.0130
29039	3170	14274	CONDUIT	91.8	2.4729	0.0130
29040	14274	3386	CONDUIT	210.1	2.3902	0.0130
30304	3386	19039	CONDUIT	223.1	3.3005	0.0130
30306_1	19039	19041	CONDUIT	123.2	1.3478	0.0130
30306_2	19041	14273	CONDUIT	110.6	1.4021	0.0130
33414	16375	3909	CONDUIT	51.0	1.7650	0.0130
33415	3909	3910	CONDUIT	75.0	6.6547	0.0130
33421	16378	3910	CONDUIT	482.1	0.6575	0.0130
33422	14273	16378	CONDUIT	380.4	0.5100	0.0130
33570	16456	16375	CONDUIT	43.0	0.8140	0.0130
33571	BMP02OUTLET	16456	CONDUIT	31.0	0.8065	0.0110
34005	16613	16614	CONDUIT	52.6	0.4942	0.0130
34006	16615	14741	CONDUIT	53.8	1.2635	0.0130
34007	16614	16615	CONDUIT	37.2	7.7722	0.0130
34008	J04	16616	CONDUIT	49.7	8.0815	0.0130
34009	14741	16616	CONDUIT	290.8	3.6476	0.0130
34010	16617	16616	CONDUIT	113.3	1.7564	0.0130
34011	16618	16617	CONDUIT	65.5	0.7784	0.0110
34012	16616	16619	CONDUIT	160.1	0.9492	0.0130
34013	16619	16620	CONDUIT	93.1	0.5476	0.0130
34014	16621	D03	CONDUIT	162.0	0.5556	0.0130
34015	16620	16621	CONDUIT	38.0	3.8713	0.0130
34016	12874	16623	CONDUIT	65.0	4.8827	0.0130
34017	16622	16623	CONDUIT	82.0	3.5510	0.0130
34018	16624	16621	CONDUIT	174.0	0.1839	0.0130
34019	16623	16624	CONDUIT	37.0	0.4865	0.0130
34026	J07	J06	CONDUIT	12.3	0.4978	0.0130
34027	11194	16626	CONDUIT	82.0	0.4878	0.0130
34028	16626	J03	CONDUIT	117.0	11.1803	0.0130
34066	3910	1170	CONDUIT	53.0	0.6604	0.0240
76613	51236	51235	CONDUIT	76.8	5.5024	0.0130
77008	51631	51632	CONDUIT	249.5	1.5751	0.0130
77010	25064	3170	CONDUIT	20.1	0.3979	0.0130
77012	23252	25064	CONDUIT	20.7	17.2267	0.0100
77013	51633	51632	CONDUIT	73.5	0.9937	0.0130
77014	51632	51638	CONDUIT	299.8	1.6978	0.0130
77409	51235	51631	CONDUIT	198.2	4.4239	0.0130
77808	51637	51638	CONDUIT	81.1	4.1702	0.0100
77809	51641	51642	CONDUIT	34.6	0.4624	0.0130
77810	51642	51643	CONDUIT	26.0	4.6189	0.0130
77811	51643	19042	CONDUIT	41.7	4.7330	0.0130
77812	51638	51639	CONDUIT	330.8	0.5684	0.0130
77814	51639	52031	CONDUIT	326.7	0.6948	0.0130
78208	52031	52035	CONDUIT	46.0	0.5000	0.0130
78209	52035	SU1	CONDUIT	34.0	1.6767	0.0130
78210	52032	52033	CONDUIT	46.0	0.5652	0.0130
78211	52034	52033	CONDUIT	55.0	0.2000	0.0130
78212	52033	52035	CONDUIT	81.0	0.9630	0.0130
78213	BMP01OUTLET	23652	CONDUIT	133.0	3.3854	0.0110
78214	1170	23653	CONDUIT	46.0	1.8046	0.0130
78215	52037	19438	CONDUIT	12.0	1.5835	0.0130
78216	19438	52038	CONDUIT	61.0	1.4920	0.0130
78217	52036	52035	CONDUIT	44.0	4.3450	0.0130
78218	52038	52036	CONDUIT	234.0	1.4788	0.0130
86624_1	J06	J05	CONDUIT	52.8	5.0848	0.0130
86624_2	J05	11194	CONDUIT	3.9	5.0840	0.0130
86628	3151	J07	CONDUIT	33.6	5.8762	0.0130
C1	J08	J04	CONDUIT	66.4	12.0378	0.0350
C10	23653	D06	CONDUIT	36.4	3.4102	0.0400
C11	52038	RO1	CONDUIT	144.6	7.4870	0.0200
C12	11194	J03	CONDUIT	199.8	8.5413	0.0350

C13	J11	3170	CONDUIT	208.9	2.0733	0.0130
C13_1	3909	RO1	CONDUIT	200.7	3.8943	0.0200
C13_2	RO1	J7	CONDUIT	214.5	7.2500	0.0200
C14	52031	52035	CONDUIT	48.3	0.2689	0.0200
C15	52034	52033	CONDUIT	62.2	0.3377	0.0200
C16	51631	3170	CONDUIT	33.6	1.5472	0.0200
C17	12874	16624	CONDUIT	78.8	0.9896	0.0200
C18	16624	16621	CONDUIT	199.1	-0.2060	0.0200
C19	23252	3170	CONDUIT	38.4	5.9338	0.0200
C2	16621	D05	CONDUIT	63.9	7.8435	0.0350
C20	16623	16624	CONDUIT	41.7	0.0024	0.0200
C21	16622	J7	CONDUIT	71.2	6.8785	0.0200
C21_1	J09	J1	CONDUIT	81.2	2.1104	0.0350
C21_2	J1	12874	CONDUIT	92.7	3.0721	0.0350
C22	16618	16616	CONDUIT	176.1	4.5125	0.0350
C22_1	J12	J6	CONDUIT	299.3	0.9950	0.0200
C23	16616	16619	CONDUIT	161.0	0.5652	0.0200
C24	16619	16621	CONDUIT	112.4	0.1958	0.0200
C25	16617	16616	CONDUIT	114.4	0.0350	0.0350
C25_1	3170	J12	CONDUIT	622.9	1.2852	0.0200
C26	52032	52033	CONDUIT	49.2	0.7319	0.0200
C27	52033	52035	CONDUIT	84.3	0.3676	0.0200
C28	52036	52035	CONDUIT	47.9	0.4382	0.0200
C29	25064	3170	CONDUIT	20.7	0.2898	0.0200
C3	BMP02OUTLET	SU2	CONDUIT	35.4	20.1433	0.0100
C30	19438	RO1	CONDUIT	138.1	7.5191	0.0200
C31	16456	52036	CONDUIT	185.1	1.1181	0.0200
C32	51632	51638	CONDUIT	300.8	1.8256	0.0200
C33	52036	SU1	CONDUIT	63.3	14.0034	0.0350
C34	51637	51638	CONDUIT	86.3	0.4405	0.0200
C35	16378	52032	CONDUIT	200.4	0.5528	0.0200
C35_1	51639	J6	CONDUIT	151.3	3.4965	0.0330
C35_2	J6	BMP_ALTB	CONDUIT	295.4	0.7052	0.0350
C36	15018	16375	CONDUIT	288.5	2.6282	0.0130
C37	J3	16614	CONDUIT	106.7	16.6085	0.0200
C38	J2	13426	CONDUIT	412.9	2.8297	0.0350
C39	15018	16375	CONDUIT	189.8	1.9709	0.0200
C4	J10	J9	CONDUIT	266.6	2.0260	0.0450
C40	J4	23252	CONDUIT	216.8	2.5732	0.0350
C41	14274	3386	CONDUIT	217.4	2.4544	0.0200
C42	3386	19039	CONDUIT	226.9	1.6136	0.0200
C43	19039	19041	CONDUIT	129.3	1.8556	0.0200
C44	19042	51643	CONDUIT	50.0	1.5809	0.0100
C45	J5	14274	CONDUIT	160.9	5.7239	0.0330
C46	19041	14273	CONDUIT	117.6	0.9041	0.0200
C47	51633	51632	CONDUIT	80.2	0.0374	0.0200
C48	51641	51642	CONDUIT	38.7	0.1549	0.0200
C49	51642	51643	CONDUIT	33.6	4.4939	0.0200
C5	13426	15018	CONDUIT	218.5	2.7608	0.0130
C50	19043	14273	CONDUIT	41.7	1.8044	0.0200
C51	51643	J12	CONDUIT	76.9	0.5985	0.0200
C52	J13	J11	CONDUIT	279.7	6.6519	0.0200
C54	BMP_ALTB	12874	CONDUIT	135.0	5.9364	0.0130
C6	J03	D04	CONDUIT	34.5	37.9813	0.0800
C7	J8	OF1	CONDUIT	305.6	1.1763	0.0450
C8	16620	16621	CONDUIT	42.3	0.6621	0.0350
C9	23652	D06	CONDUIT	32.3	3.8479	0.0400
C999	14273	51639	CONDUIT	236.3	0.9260	0.0350
DT01	D02	D01	CONDUIT	27.3	2.0086	0.0450
DT02	D03	D02	CONDUIT	42.5	2.0064	0.0450
DT03	D04	D03	CONDUIT	58.6	2.1275	0.0450
DT04	D05	D04	CONDUIT	157.9	2.7802	0.0450
DT05_1	D06	J7	CONDUIT	118.9	4.3155	0.0450
DT05_2	J7	D05	CONDUIT	159.1	1.6329	0.0450
OR1	SU2	BMP02OUTLET	ORIFICE			
OR2	SU2	BMP02OUTLET	ORIFICE			
OR3	SU1	BMP01OUTLET	ORIFICE			
OR4	SU1	BMP01OUTLET	ORIFICE			
OR5	J9	J8	ORIFICE			
BMP4_CREST	BMP_ALTB	J09	WEIR			
BMP4_ES	BMP_ALTB	J09	WEIR			
W1	SU2	52034	WEIR			
W2	SU1	J09	WEIR			

****
Cross Section Summary
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Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
26126	RECT_CLOSED	6.00	60.00	1.88	10.00	1	1230.46
29037	CIRCULAR	1.25	1.23	0.31	1.25	1	4.89
29038	CIRCULAR	1.25	1.23	0.31	1.25	1	7.62
29039	CIRCULAR	2.25	3.98	0.56	2.25	1	48.70
29040	CIRCULAR	3.00	7.07	0.75	3.00	1	103.12
30304	CIRCULAR	3.00	7.07	0.75	3.00	1	121.17
30306_1	CIRCULAR	3.50	9.62	0.88	3.50	1	116.80
30306_2	CIRCULAR	3.50	9.62	0.88	3.50	1	119.13
33414	CIRCULAR	3.00	7.07	0.75	3.00	1	88.61
33415	CIRCULAR	3.00	7.07	0.75	3.00	1	172.06
33421	CIRCULAR	4.50	15.90	1.13	4.50	1	159.46
33422	CIRCULAR	4.50	15.90	1.13	4.50	1	140.43
33570	CIRCULAR	2.00	3.14	0.50	2.00	1	20.41
33571	CIRCULAR	2.00	3.14	0.50	2.00	1	24.01
34005	CIRCULAR	1.25	1.23	0.31	1.25	1	4.54
34006	CIRCULAR	1.50	1.77	0.38	1.50	1	11.81
34007	CIRCULAR	1.25	1.23	0.31	1.25	1	18.01
34008	CIRCULAR	2.50	4.91	0.63	2.50	1	116.60
34009	CIRCULAR	1.50	1.77	0.38	1.50	1	20.06
34010	CIRCULAR	1.25	1.23	0.31	1.25	1	8.56
34011	CIRCULAR	1.25	1.23	0.31	1.25	1	6.74
34012	CIRCULAR	3.00	7.07	0.75	3.00	1	64.98
34013	CIRCULAR	3.00	7.07	0.75	3.00	1	49.36
34014	CIRCULAR	3.00	7.07	0.75	3.00	1	49.71
34015	CIRCULAR	3.00	7.07	0.75	3.00	1	131.23
34016	CIRCULAR	1.50	1.77	0.38	1.50	1	23.21
34017	CIRCULAR	1.25	1.23	0.31	1.25	1	12.17
34018	CIRCULAR	2.50	4.91	0.63	2.50	1	17.59
34019	CIRCULAR	2.50	4.91	0.63	2.50	1	28.61
34026	CIRCULAR	2.00	3.14	0.50	2.00	1	15.96
34027	CIRCULAR	2.00	3.14	0.50	2.00	1	15.80
34028	CIRCULAR	2.00	3.14	0.50	2.00	1	75.64
34066	CIRCULAR	5.00	19.63	1.25	5.00	1	114.64
76613	CIRCULAR	1.25	1.23	0.31	1.25	1	15.15
77008	CIRCULAR	2.00	3.14	0.50	2.00	1	28.39
77010	CIRCULAR	2.00	3.14	0.50	2.00	1	14.27
77012	CIRCULAR	2.00	3.14	0.50	2.00	1	122.06
77013	CIRCULAR	1.25	1.23	0.31	1.25	1	6.44
77014	CIRCULAR	2.00	3.14	0.50	2.00	1	29.48
77409	CIRCULAR	1.50	1.77	0.38	1.50	1	22.09
77808	CIRCULAR	1.25	1.23	0.31	1.25	1	17.15
77809	CIRCULAR	1.25	1.23	0.31	1.25	1	4.39
77810	CIRCULAR	1.25	1.23	0.31	1.25	1	13.88
77811	CIRCULAR	1.25	1.23	0.31	1.25	1	14.05
77812	CIRCULAR	2.50	4.91	0.63	2.50	1	30.92
77814	CIRCULAR	2.50	4.91	0.63	2.50	1	34.19
78208	CIRCULAR	2.50	4.91	0.63	2.50	1	29.00
78209	CIRCULAR	2.50	4.91	0.63	2.50	1	53.11
78210	CIRCULAR	1.25	1.23	0.31	1.25	1	4.86
78211	CIRCULAR	1.25	1.23	0.31	1.25	1	2.89
78212	CIRCULAR	1.25	1.23	0.31	1.25	1	6.34
78213	CIRCULAR	3.00	7.07	0.75	3.00	1	145.03
78214	CIRCULAR	5.00	19.63	1.25	5.00	1	349.87
78215	CIRCULAR	1.25	1.23	0.31	1.25	1	8.13
78216	CIRCULAR	1.25	1.23	0.31	1.25	1	7.89
78217	CIRCULAR	2.00	3.14	0.50	2.00	1	47.16
78218	CIRCULAR	1.50	1.77	0.38	1.50	1	12.77
86624_1	CIRCULAR	2.00	3.14	0.50	2.00	1	51.01
86624_2	CIRCULAR	2.00	3.14	0.50	2.00	1	51.01
86628	CIRCULAR	2.00	3.14	0.50	2.00	1	54.84
C1	C1	34.97	1854.93	10.46	82.35	1	130689.38
C10	C10	10.90	555.89	6.76	82.53	1	13634.43
C11	C11	0.71	22.87	0.48	47.85	1	283.47
C12	RECT_OPEN	1.00	10.00	1.00	10.00	1	124.08
C13	CIRCULAR	1.75	2.41	0.44	1.75	1	22.82
C13_1	C13_1	0.91	38.82	0.64	60.76	1	421.11
C13_2	C13_2	0.19	6.03	0.12	51.19	1	28.92
C14	C14	3.47	309.53	2.77	110.55	1	2352.49
C15	C15	5.09	295.16	4.26	69.00	1	3348.99
C16	RECT_OPEN	1.00	20.00	1.00	20.00	1	184.84
C17	C17	32.87	6962.29	14.05	251.68	1	299680.29
C18	C18	31.85	8046.20	23.01	301.76	1	219474.00
C19	RECT_OPEN	1.00	20.00	1.00	20.00	1	361.98
C2	C2	1.85	156.60	0.78	200.72	1	1573.26
C20	C20	4.17	474.37	3.17	147.12	1	372.00
C21	C21	1.87	62.90	1.26	50.31	1	1426.24
C21_1	C21_1	11.43	2641.30	5.24	318.64	1	49161.63
C21_2	C21_2	33.27	2986.60	17.58	114.52	1	150240.77
C22	C22	38.10	8782.21	20.48	286.71	1	592956.07
C22_1	C22_1	32.53	4184.92	16.92	163.38	1	204428.19
C23	C23	33.89	3823.94	12.74	147.59	1	116530.75
C24	C24	31.96	4441.47	16.49	163.59	1	94583.38
C25	C22	38.10	8782.21	20.48	286.71	1	52200.84
C25_1	C25_1	5.08	740.84	3.52	209.47	1	14438.34
C26	C26	0.95	19.17	0.45	42.12	1	71.16
C27	C27	12.47	8757.27	11.02	782.10	1	195336.38
C28	C28	1.14	32.39	0.47	68.23	1	96.65
C29	RECT_OPEN	1.00	20.00	1.00	20.00	1	80.00
C3	RECT_OPEN	2.00	20.00	2.00	10.00	1	2117.39
C30	C30	0.53	11.90	0.35	33.42	1	120.49
C31	C31	2.21	145.90	1.54	92.89	1	1526.36
C32	RECT_OPEN	1.00	20.00	1.00	20.00	1	200.78
C33	RECT_OPEN	1.00	10.00	1.00	10.00	1	158.88
C34	RECT_OPEN	1.00	20.00	1.00	20.00	1	98.63
C35	C35	9.04	892.81	6.52	128.45	1	17206.93
C35_1	C35_1	3.23	271.96	2.34	120.73	1	4037.27
C35_2	C35_2	11.10	2396.05	4.88	320.40	1	24591.97
C36	CIRCULAR	3.00	7.07	0.75	3.00	1	108.13
C37	C37	37.23	4038.41	15.51	138.90	1	760452.52
C38	C38	18.24	2174.72	11.18	222.49	1	77647.07
C39	C39	35.03	3790.90	24.12	132.99	1	330062.23
C4	C4	28.53	4638.39	17.25	282.94	1	145553.80
C40	C40	1.33	70.03	0.97	71.76	1	467.74
C41	RECT_OPEN	1.00	20.00	1.00	20.00	1	232.81
C42	RECT_OPEN	5.00	100.00	5.00	20.00	1	2759.73
C43	RECT_OPEN	2.00	40.00	2.00	20.00	1	642.65
C44	RECT_OPEN	1.00	20.00	1.00	20.00	1	373.68
C45	C45	13.37	1889.08	7.39	250.43	1	77180.11
C46	RECT_OPEN	2.00	60.00	2.00	30.00	1	672.88

C47	RECT_OPEN	1.00	20.00	1.00	20.00	1	28.74
C48	RECT_OPEN	1.00	20.00	1.00	20.00	1	58.48
C49	RECT_OPEN	1.00	20.00	1.00	20.00	1	315.01
C5	CIRCULAR	3.00	7.07	0.75	3.00	1	110.82
C50	RECT_OPEN	1.00	20.00	1.00	20.00	1	199.61
C51	RECT_OPEN	1.00	20.00	1.00	20.00	1	114.96
C52	C52	8.76	1057.10	5.01	170.39	1	59281.65
C54	CIRCULAR	1.50	1.77	0.38	1.50	1	25.59
C6	RECT_OPEN	1.00	10.00	1.00	10.00	1	114.48
C7	C7	22.26	3186.92	7.10	212.90	1	42145.74
C8	RECT_OPEN	2.00	40.00	2.00	20.00	1	219.35
C9	C9	8.33	481.18	4.44	99.46	1	9471.00
C999	RECT_OPEN	2.00	60.00	2.00	30.00	1	389.13
DT01	DT01	61.62	14305.93	13.22	427.19	1	374329.56
DT02	DT02	59.53	12882.08	14.20	391.51	1	353335.62
DT03	DT03	59.24	11754.29	14.98	339.83	1	344104.62
DT04	DT04	59.68	8971.62	18.10	236.16	1	340536.12
DT05_1	DT05	59.42	5772.85	15.88	175.25	1	250161.79
DT05_2	DT05-2	59.42	5772.85	15.88	175.25	1	153881.42

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Transect Summary
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Transect C1
Area:

0.0047	0.0159	0.0296	0.0445	0.0606
0.0777	0.0963	0.1158	0.1352	0.1547
0.1743	0.1939	0.2135	0.2332	0.2529
0.2726	0.2923	0.3121	0.3318	0.3516
0.3714	0.3913	0.4111	0.4310	0.4509
0.4708	0.4908	0.5107	0.5307	0.5507
0.5707	0.5908	0.6108	0.6309	0.6510
0.6712	0.6913	0.7115	0.7317	0.7519
0.7721	0.7924	0.8126	0.8329	0.8539
0.8802	0.9101	0.9400	0.9699	1.0000

Hrad:

0.0436	0.0716	0.1053	0.1374	0.1682
0.1967	0.2210	0.2498	0.2785	0.3067
0.3345	0.3616	0.3880	0.4139	0.4392
0.4639	0.4880	0.5116	0.5347	0.5573
0.5795	0.6013	0.6226	0.6435	0.6641
0.6844	0.7043	0.7239	0.7432	0.7622
0.7809	0.7994	0.8176	0.8356	0.8533
0.8709	0.8882	0.9053	0.9223	0.9390
0.9556	0.9720	0.9882	1.0043	0.9839
0.9498	0.9647	0.9805	0.9965	1.0000

Width:

0.2571	0.4260	0.4606	0.5008	0.5330
0.5699	0.6249	0.6262	0.6275	0.6289
0.6302	0.6315	0.6328	0.6337	0.6344
0.6351	0.6358	0.6364	0.6371	0.6378
0.6384	0.6391	0.6398	0.6405	0.6411
0.6418	0.6425	0.6431	0.6438	0.6445
0.6451	0.6458	0.6465	0.6472	0.6478
0.6485	0.6492	0.6498	0.6505	0.6512
0.6519	0.6525	0.6532	0.6539	0.7590
0.9601	0.9628	0.9631	0.9634	1.0000

Transect C10
Area:

0.0040	0.0113	0.0197	0.0288	0.0386
0.0490	0.0597	0.0709	0.0824	0.0943
0.1065	0.1191	0.1321	0.1454	0.1591
0.1731	0.1876	0.2025	0.2178	0.2336
0.2499	0.2668	0.2843	0.3023	0.3210
0.3403	0.3603	0.3810	0.4024	0.4245
0.4473	0.4710	0.4954	0.5206	0.5465
0.5733	0.6010	0.6297	0.6591	0.6889
0.7189	0.7491	0.7796	0.8103	0.8413
0.8725	0.9040	0.9357	0.9678	1.0000

Hrad:

0.0203	0.0456	0.0712	0.0970	0.1218
0.1477	0.1727	0.1970	0.2217	0.2454
0.2684	0.2912	0.3137	0.3352	0.3559
0.3763	0.3964	0.4149	0.4396	0.4690
0.4972	0.5242	0.5500	0.5747	0.5983
0.6207	0.6419	0.6623	0.6818	0.7004
0.7178	0.7345	0.7506	0.7661	0.7809
0.7946	0.8076	0.8197	0.8330	0.8474
0.8621	0.8769	0.8919	0.9072	0.9226
0.9382	0.9534	0.9688	0.9844	1.0000

Width:

0.1963	0.2443	0.2729	0.2934	0.3123
0.3255	0.3383	0.3509	0.3614	0.3726
0.3840	0.3948	0.4054	0.4168	0.4287
0.4407	0.4525	0.4661	0.4805	0.4973
0.5134	0.5300	0.5489	0.5665	0.5852
0.6073	0.6294	0.6498	0.6708	0.6938
0.7202	0.7426	0.7661	0.7886	0.8129
0.8415	0.8700	0.9008	0.9156	0.9226
0.9297	0.9376	0.9461	0.9534	0.9606
0.9677	0.9769	0.9853	0.9925	1.0000

Transect C11
Area:

0.0013	0.0052	0.0107	0.0175	0.0272
0.0400	0.0534	0.0672	0.0814	0.0960
0.1110	0.1263	0.1421	0.1581	0.1747
0.1915	0.2085	0.2258	0.2435	0.2617
0.2804	0.2995	0.3192	0.3393	0.3599
0.3809	0.4022	0.4236	0.4455	0.4680
0.4910	0.5144	0.5383	0.5628	0.5878
0.6132	0.6389	0.6650	0.6915	0.7182
0.7451	0.7723	0.7998	0.8276	0.8557
0.8840	0.9126	0.9414	0.9706	1.0000

Hrad:

0.0144	0.0313	0.0536	0.0665	0.0784
0.0895	0.1163	0.1420	0.1676	0.1928
0.2162	0.2402	0.2646	0.2869	0.3097
0.3348	0.3595	0.3815	0.4018	0.4197
0.4387	0.4572	0.4752	0.4929	0.5093
0.5331	0.5571	0.5797	0.5946	0.6070
0.6268	0.6437	0.6578	0.6739	0.6886
0.7093	0.7296	0.7479	0.7689	0.7921
0.8151	0.8355	0.8548	0.8762	0.8979
0.9193	0.9402	0.9610	0.9806	1.0000

Width:

0.0977	0.1665	0.2038	0.2734	0.3890
0.4473	0.4596	0.4736	0.4861	0.4979
0.5133	0.5260	0.5370	0.5512	0.5640
0.5720	0.5800	0.5920	0.6062	0.6236
0.6391	0.6552	0.6717	0.6883	0.7067
0.7145	0.7219	0.7308	0.7493	0.7711
0.7835	0.7992	0.8184	0.8351	0.8536
0.8646	0.8757	0.8892	0.8994	0.9068
0.9142	0.9243	0.9357	0.9446	0.9530
0.9616	0.9706	0.9796	0.9898	1.0000

Transect C13_1
Area:

0.0008	0.0028	0.0058	0.0097	0.0147
0.0205	0.0273	0.0352	0.0442	0.0543
0.0661	0.0820	0.1011	0.1204	0.1401
0.1603	0.1807	0.2016	0.2229	0.2444
0.2661	0.2882	0.3105	0.3332	0.3561
0.3792	0.4027	0.4264	0.4503	0.4745
0.4989	0.5234	0.5482	0.5731	0.5983
0.6236	0.6492	0.6750	0.7010	0.7272
0.7537	0.7802	0.8070	0.8340	0.8611
0.8884	0.9160	0.9438	0.9717	1.0000

Hrad:

0.0169	0.0312	0.0478	0.0614	0.0773
0.0926	0.1056	0.1186	0.1316	0.1426
0.1484	0.1235	0.1494	0.1754	0.1996
0.2242	0.2482	0.2717	0.2955	0.3207
0.3456	0.3682	0.3918	0.4156	0.4388
0.4618	0.4848	0.5080	0.5315	0.5551
0.5790	0.6027	0.6263	0.6498	0.6727
0.6951	0.7174	0.7396	0.7619	0.7846
0.8072	0.8301	0.8530	0.8755	0.8974
0.9193	0.9404	0.9613	0.9809	1.0000

Width:

0.0483	0.0890	0.1211	0.1581	0.1899
0.2215	0.2585	0.2969	0.3358	0.3808
0.4626	0.6641	0.6768	0.6867	0.7021
0.7149	0.7283	0.7420	0.7543	0.7621
0.7702	0.7827	0.7926	0.8017	0.8115
0.8213	0.8307	0.8394	0.8474	0.8549
0.8617	0.8685	0.8753	0.8821	0.8894
0.8972	0.9050	0.9127	0.9201	0.9269
0.9337	0.9400	0.9462	0.9526	0.9595
0.9665	0.9741	0.9817	0.9907	1.0000

Transect C13_2
Area:

0.0009	0.0029	0.0071	0.0150	0.0252
0.0367	0.0495	0.0627	0.0768	0.0913
0.1060	0.1210	0.1366	0.1531	0.1699
0.1869	0.2041	0.2219	0.2405	0.2593
0.2784	0.2978	0.3174	0.3373	0.3574
0.3779	0.3987	0.4198	0.4413	0.4633
0.4862	0.5100	0.5345	0.5593	0.5843
0.6097	0.6353	0.6612	0.6874	0.7137
0.7407	0.7679	0.7954	0.8230	0.8507
0.8788	0.9075	0.9375	0.9685	1.0000

Hrad:

0.0237	0.0378	0.0494	0.0599	0.0758
0.1004	0.1209	0.1434	0.1710	0.1987
0.2268	0.2528	0.2643	0.2922	0.3197
0.3468	0.3729	0.3863	0.4079	0.4341
0.4599	0.4855	0.5109	0.5352	0.5586
0.5817	0.6047	0.6264	0.6465	0.6663
0.6848	0.7022	0.7226	0.7458	0.7688
0.7918	0.8147	0.8386	0.8653	0.8908
0.9160	0.9417	0.9675	0.9931	1.0169
1.0395	1.0613	1.0765	1.0643	1.0000

Width:

0.0423	0.0878	0.1933	0.2930	0.3444
0.3905	0.4097	0.4379	0.4498	0.4599
0.4680	0.4791	0.5174	0.5248	0.5322
0.5395	0.5481	0.5753	0.5903	0.5982
0.6062	0.6141	0.6221	0.6310	0.6407
0.6505	0.6602	0.6710	0.6835	0.7073
0.7392	0.7623	0.7758	0.7851	0.7943
0.8036	0.8128	0.8210	0.8265	0.8413
0.8552	0.8610	0.8669	0.8727	0.8800
0.8881	0.9325	0.9651	0.9852	1.0000

Transect C14
Area:

0.0025	0.0076	0.0162	0.0274	0.0398
0.0531	0.0674	0.0827	0.0987	0.1153
0.1324	0.1500	0.1682	0.1872	0.2066
0.2263	0.2466	0.2678	0.2892	0.3108
0.3325	0.3543	0.3762	0.3981	0.4202
0.4423	0.4646	0.4869	0.5093	0.5319
0.5545	0.5772	0.5999	0.6228	0.6457
0.6687	0.6918	0.7149	0.7382	0.7615
0.7849	0.8084	0.8320	0.8556	0.8793
0.9032	0.9271	0.9512	0.9755	1.0000

Hrad:

0.0160	0.0289	0.0392	0.0575	0.0770
0.0959	0.1135	0.1314	0.1512	0.1704
0.1903	0.2099	0.2248	0.2428	0.2636
0.2845	0.3032	0.3130	0.3353	0.3581
0.3809	0.4038	0.4271	0.4503	0.4733
0.4960	0.5186	0.5411	0.5636	0.5862
0.6086	0.6310	0.6534	0.6759	0.6983
0.7206	0.7428	0.7646	0.7863	0.8079
0.8297	0.8519	0.8741	0.8962	0.9167
0.9370	0.9567	0.9757	0.9932	1.0000

Width:

0.1561	0.2648	0.4156	0.4793	0.5200
0.5572	0.5975	0.6333	0.6571	0.6809
0.7002	0.7191	0.7529	0.7755	0.7883
0.7999	0.8465	0.8602	0.8671	0.8723
0.8771	0.8815	0.8847	0.8879	0.8913
0.8951	0.8989	0.9028	0.9064	0.9098
0.9133	0.9167	0.9199	0.9230	0.9261
0.9291	0.9322	0.9357	0.9392	0.9427
0.9460	0.9489	0.9518	0.9546	0.9592
0.9638	0.9690	0.9748	0.9820	1.0000

Transect C15
Area:

0.0040	0.0099	0.0171	0.0253	0.0347
0.0470	0.0609	0.0779	0.0980	0.1185
0.1391	0.1598	0.1806	0.2015	0.2225
0.2435	0.2646	0.2858	0.3070	0.3283
0.3496	0.3711	0.3925	0.4141	0.4356
0.4573	0.4790	0.5008	0.5226	0.5445
0.5665	0.5886	0.6107	0.6329	0.6551
0.6775	0.6999	0.7224	0.7450	0.7677
0.7905	0.8133	0.8363	0.8593	0.8825
0.9058	0.9291	0.9526	0.9763	1.0000

Hrad:

0.0184	0.0355	0.0521	0.0686	0.0779
0.0843	0.1011	0.1127	0.1144	0.1372
0.1601	0.1829	0.2057	0.2284	0.2510
0.2736	0.2961	0.3185	0.3409	0.3633
0.3856	0.4078	0.4300	0.4521	0.4742
0.4962	0.5181	0.5400	0.5618	0.5835
0.6052	0.6268	0.6483	0.6697	0.6910
0.7123	0.7335	0.7546	0.7757	0.7966
0.8175	0.8382	0.8588	0.8794	0.8998
0.9201	0.9403	0.9603	0.9802	1.0000

Width:

0.2158	0.2776	0.3248	0.3648	0.4407
0.5513	0.6375	0.7959	0.8570	0.8629
0.8682	0.8720	0.8753	0.8787	0.8820
0.8851	0.8876	0.8902	0.8927	0.8953
0.8979	0.9004	0.9029	0.9055	0.9080
0.9105	0.9130	0.9159	0.9187	0.9216
0.9244	0.9273	0.9305	0.9337	0.9369
0.9401	0.9434	0.9470	0.9506	0.9542
0.9580	0.9621	0.9662	0.9703	0.9748
0.9795	0.9841	0.9893	0.9946	1.0000

Transect C17
Area:

0.0037	0.0105	0.0201	0.0321	0.0465
0.0617	0.0774	0.0937	0.1106	0.1280
0.1458	0.1640	0.1825	0.2014	0.2207
0.2402	0.2600	0.2801	0.3005	0.3213
0.3424	0.3637	0.3856	0.4081	0.4308
0.4535	0.4763	0.4990	0.5217	0.5444
0.5672	0.5899	0.6126	0.6354	0.6581
0.6809	0.7036	0.7264	0.7491	0.7719
0.7947	0.8175	0.8402	0.8630	0.8858
0.9087	0.9315	0.9543	0.9771	1.0000

Hrad:

0.0320	0.0631	0.0841	0.1021	0.1202
0.1418	0.1634	0.1848	0.2054	0.2267
0.2483	0.2689	0.2894	0.3102	0.3306
0.3510	0.3708	0.3903	0.4096	0.4286
0.4473	0.4654	0.4799	0.4941	0.5153
0.5364	0.5575	0.5785	0.5994	0.6202
0.6409	0.6615	0.6821	0.7025	0.7228
0.7430	0.7631	0.7831	0.8030	0.8228
0.8425	0.8621	0.8816	0.9010	0.9202
0.9394	0.9585	0.9774	0.9963	1.0000

Width:

0.2433	0.3383	0.4540	0.5593	0.6285
0.6511	0.6747	0.6974	0.7233	0.7413
0.7554	0.7729	0.7890	0.8019	0.8150
0.8272	0.8402	0.8537	0.8665	0.8795
0.8927	0.9070	0.9316	0.9559	0.9560
0.9561	0.9562	0.9563	0.9565	0.9566
0.9567	0.9568	0.9569	0.9570	0.9572
0.9573	0.9574	0.9575	0.9577	0.9580
0.9584	0.9587	0.9591	0.9594	0.9598
0.9601	0.9605	0.9609	0.9612	1.0000

Transect C18
Area:

0.0048	0.0153	0.0280	0.0418	0.0567
0.0722	0.0886	0.1058	0.1242	0.1430
0.1623	0.1821	0.2023	0.2229	0.2439
0.2653	0.2868	0.3083	0.3299	0.3514
0.3729	0.3945	0.4160	0.4376	0.4591
0.4807	0.5022	0.5238	0.5454	0.5669
0.5885	0.6101	0.6317	0.6532	0.6748
0.6964	0.7180	0.7396	0.7612	0.7828
0.8044	0.8260	0.8476	0.8692	0.8909
0.9125	0.9342	0.9558	0.9775	1.0000

Hrad:

0.0131	0.0286	0.0469	0.0630	0.0803
0.0989	0.1149	0.1282	0.1460	0.1645
0.1828	0.2005	0.2191	0.2377	0.2552
0.2738	0.2966	0.3194	0.3421	0.3648
0.3875	0.4101	0.4327	0.4553	0.4778
0.5003	0.5228	0.5452	0.5676	0.5900
0.6123	0.6346	0.6569	0.6791	0.7013
0.7235	0.7456	0.7678	0.7898	0.8119
0.8339	0.8559	0.8778	0.8997	0.9216
0.9435	0.9653	0.9871	1.0089	1.0000

Width:

0.3556	0.5156	0.5505	0.6031	0.6402
0.6639	0.7009	0.7521	0.7780	0.7980
0.8179	0.8386	0.8547	0.8696	0.8873
0.9012	0.9013	0.9014	0.9015	0.9016
0.9018	0.9019	0.9020	0.9021	0.9022
0.9024	0.9025	0.9026	0.9027	0.9028
0.9029	0.9031	0.9032	0.9033	0.9034
0.9035	0.9036	0.9038	0.9039	0.9042
0.9045	0.9048	0.9052	0.9055	0.9058
0.9062	0.9065	0.9068	0.9071	1.0000

Transect C2
Area:

0.0012	0.0036	0.0067	0.0107	0.0156
0.0211	0.0272	0.0339	0.0414	0.0494
0.0579	0.0669	0.0765	0.0866	0.0972
0.1083	0.1198	0.1319	0.1444	0.1574
0.1708	0.1847	0.1991	0.2141	0.2299
0.2466	0.2644	0.2831	0.3029	0.3235
0.3448	0.3669	0.3899	0.4136	0.4381
0.4635	0.4898	0.5172	0.5507	0.5880
0.6262	0.6655	0.7055	0.7460	0.7868
0.8281	0.8698	0.9120	0.9549	1.0000

Hrad:

0.0302	0.0621	0.0908	0.1127	0.1423
0.1719	0.2016	0.2254	0.2546	0.2832
0.3132	0.3392	0.3673	0.3967	0.4260
0.4542	0.4815	0.5080	0.5356	0.5670
0.5947	0.6191	0.6415	0.6593	0.6728
0.6783	0.6824	0.6991	0.7111	0.7295
0.7529	0.7733	0.7930	0.8140	0.8319
0.8491	0.8676	0.8761	0.7120	0.7382
0.7665	0.7932	0.8311	0.8700	0.9086
0.9464	0.9837	1.0184	1.0493	1.0000

Width:

0.0410	0.0583	0.0742	0.0952	0.1095
0.1226	0.1349	0.1506	0.1625	0.1743
0.1848	0.1972	0.2084	0.2184	0.2283
0.2384	0.2489	0.2597	0.2697	0.2776
0.2872	0.2983	0.3103	0.3248	0.3418
0.3636	0.3875	0.4051	0.4260	0.4435
0.4581	0.4746	0.4917	0.5081	0.5267
0.5460	0.5647	0.6229	0.7737	0.7967
0.8172	0.8392	0.8492	0.8577	0.8662
0.8752	0.8844	0.8957	0.9230	1.0000

Transect C20
Area:

0.0039	0.0113	0.0207	0.0316	0.0438
0.0568	0.0707	0.0854	0.1006	0.1163

0.1324	0.1489	0.1658	0.1831	0.2008
0.2189	0.2374	0.2563	0.2756	0.2955
0.3157	0.3364	0.3573	0.3786	0.4002
0.4221	0.4443	0.4668	0.4895	0.5124
0.5355	0.5588	0.5822	0.6058	0.6294
0.6532	0.6771	0.7012	0.7253	0.7495
0.7739	0.7984	0.8231	0.8479	0.8729
0.8980	0.9232	0.9486	0.9742	1.0000

Hrad:

0.0170	0.0350	0.0527	0.0717	0.0911
0.1108	0.1290	0.1497	0.1711	0.1923
0.2126	0.2337	0.2541	0.2747	0.2939
0.3144	0.3332	0.3514	0.3686	0.3862
0.4048	0.4238	0.4437	0.4636	0.4824
0.5018	0.5210	0.5397	0.5618	0.5826
0.6043	0.6262	0.6476	0.6696	0.6922
0.7144	0.7363	0.7580	0.7801	0.8021
0.8236	0.8433	0.8632	0.8841	0.9048
0.9246	0.9445	0.9642	0.9817	1.0000

Width:

0.2355	0.3270	0.3981	0.4476	0.4871
0.5197	0.5558	0.5788	0.5964	0.6131
0.6313	0.6460	0.6615	0.6756	0.6927
0.7058	0.7220	0.7392	0.7578	0.7754
0.7905	0.8044	0.8160	0.8274	0.8405
0.8522	0.8639	0.8761	0.8820	0.8898
0.8959	0.9017	0.9077	0.9129	0.9170
0.9215	0.9262	0.9311	0.9353	0.9395
0.9442	0.9508	0.9570	0.9620	0.9672
0.9732	0.9789	0.9848	0.9929	1.0000

Transect C21

Area:

0.0017	0.0066	0.0134	0.0214	0.0311
0.0422	0.0546	0.0678	0.0817	0.0962
0.1112	0.1266	0.1426	0.1590	0.1758
0.1930	0.2105	0.2285	0.2468	0.2654
0.2844	0.3037	0.3233	0.3433	0.3637
0.3845	0.4056	0.4270	0.4489	0.4712
0.4939	0.5171	0.5411	0.5657	0.5909
0.6165	0.6422	0.6681	0.6942	0.7205
0.7470	0.7736	0.8006	0.8279	0.8555
0.8836	0.9120	0.9409	0.9702	1.0000

Hrad:

0.0163	0.0325	0.0541	0.0730	0.0890
0.1069	0.1265	0.1481	0.1699	0.1925
0.2152	0.2359	0.2579	0.2801	0.3023
0.3242	0.3447	0.3653	0.3876	0.4096
0.4305	0.4504	0.4701	0.4895	0.5090
0.5287	0.5476	0.5655	0.5830	0.6003
0.6143	0.6251	0.6361	0.6489	0.6608
0.6861	0.7110	0.7357	0.7601	0.7842
0.8080	0.8315	0.8542	0.8765	0.8980
0.9193	0.9404	0.9605	0.9803	1.0000

Width:

0.1035	0.2028	0.2456	0.2927	0.3485
0.3934	0.4284	0.4531	0.4741	0.4914
0.5067	0.5254	0.5402	0.5539	0.5664
0.5786	0.5926	0.6059	0.6160	0.6261
0.6374	0.6496	0.6619	0.6743	0.6861
0.6975	0.7096	0.7226	0.7359	0.7493
0.7663	0.7884	0.8103	0.8301	0.8511
0.8554	0.8612	0.8670	0.8729	0.8796
0.8868	0.8940	0.9045	0.9155	0.9290
0.9420	0.9548	0.9710	0.9864	1.0000

Transect C21_1

Area:

0.0030	0.0083	0.0158	0.0247	0.0347
0.0456	0.0580	0.0722	0.0876	0.1039
0.1206	0.1377	0.1550	0.1726	0.1904
0.2085	0.2269	0.2456	0.2645	0.2837
0.3031	0.3228	0.3428	0.3633	0.3846
0.4063	0.4283	0.4507	0.4733	0.4961
0.5191	0.5424	0.5658	0.5895	0.6135
0.6377	0.6621	0.6868	0.7117	0.7368
0.7621	0.7876	0.8133	0.8392	0.8653
0.8917	0.9183	0.9452	0.9725	1.0000

Hrad:

0.0294	0.0564	0.0884	0.1234	0.1543
0.1820	0.2025	0.2220	0.2396	0.2590
0.2795	0.3007	0.3224	0.3444	0.3664
0.3876	0.4089	0.4304	0.4519	0.4728
0.4935	0.5134	0.5318	0.5455	0.5611
0.5788	0.5963	0.6149	0.6339	0.6525
0.6716	0.6903	0.7088	0.7268	0.7445
0.7623	0.7800	0.7977	0.8157	0.8336
0.8512	0.8688	0.8865	0.9043	0.9215
0.9381	0.9533	0.9683	0.9816	1.0000

Width:

0.1582	0.2329	0.3007	0.3433	0.3771
0.4135	0.4989	0.5329	0.5790	0.5990
0.6121	0.6236	0.6329	0.6410	0.6497
0.6626	0.6734	0.6821	0.6902	0.6999
0.7087	0.7195	0.7331	0.7591	0.7793
0.7927	0.8055	0.8149	0.8229	0.8315
0.8387	0.8465	0.8548	0.8639	0.8730
0.8819	0.8904	0.8989	0.9062	0.9137
0.9213	0.9292	0.9363	0.9431	0.9509
0.9595	0.9706	0.9816	0.9953	1.0000

Transect C21_2

Area:

0.0008	0.0025	0.0050	0.0086	0.0144
0.0237	0.0353	0.0488	0.0652	0.0856
0.1082	0.1308	0.1535	0.1761	0.1988
0.2215	0.2443	0.2670	0.2897	0.3125
0.3352	0.3580	0.3808	0.4036	0.4264
0.4492	0.4720	0.4948	0.5177	0.5405
0.5634	0.5862	0.6091	0.6320	0.6549
0.6778	0.7007	0.7236	0.7465	0.7695
0.7924	0.8154	0.8384	0.8614	0.8844
0.9075	0.9306	0.9537	0.9768	1.0000

Hrad:

0.0231	0.0424	0.0599	0.0758	0.0645
0.0810	0.1033	0.1193	0.1278	0.1407
0.1716	0.2049	0.2375	0.2693	0.3003
0.3307	0.3603	0.3894	0.4177	0.4455
0.4726	0.4992	0.5252	0.5506	0.5756
0.6000	0.6239	0.6473	0.6703	0.6928
0.7149	0.7366	0.7578	0.7786	0.7991
0.8192	0.8389	0.8582	0.8772	0.8959
0.9142	0.9322	0.9499	0.9673	0.9845
1.0013	1.0179	1.0342	1.0503	1.0000

Width:

0.0499	0.0822	0.1188	0.1595	0.3219
0.4189	0.4860	0.5804	0.7240	0.8643
0.8866	0.8874	0.8882	0.8889	0.8897
0.8904	0.8909	0.8913	0.8917	0.8920
0.8924	0.8927	0.8931	0.8935	0.8938
0.8942	0.8946	0.8949	0.8953	0.8956
0.8960	0.8964	0.8967	0.8971	0.8975
0.8978	0.8982	0.8986	0.8989	0.8993
0.9000	0.9009	0.9018	0.9027	0.9036
0.9045	0.9054	0.9064	0.9073	1.0000

Transect C22

Area:

0.0086	0.0208	0.0336	0.0470	0.0610
0.0757	0.0909	0.1072	0.1244	0.1420
0.1597	0.1794	0.1998	0.2205	0.2415
0.2626	0.2837	0.3049	0.3260	0.3472
0.3685	0.3897	0.4110	0.4323	0.4536
0.4750	0.4963	0.5177	0.5392	0.5607
0.5822	0.6037	0.6253	0.6468	0.6684
0.6901	0.7118	0.7335	0.7552	0.7770
0.7988	0.8206	0.8425	0.8644	0.8863
0.9083	0.9303	0.9525	0.9756	1.0000

Hrad:

0.0270	0.0611	0.0947	0.1270	0.1573
0.1865	0.2138	0.2326	0.2619	0.2953
0.3286	0.3570	0.3849	0.4126	0.4403
0.4684	0.4967	0.5248	0.5528	0.5806
0.6081	0.6353	0.6622	0.6887	0.7150
0.7409	0.7664	0.7916	0.8165	0.8410
0.8652	0.8890	0.9125	0.9357	0.9585
0.9810	1.0032	1.0251	1.0466	1.0679
1.0888	1.1095	1.1299	1.1500	1.1699
1.1895	1.2088	1.2038	1.1778	1.0000

Width:

0.4721	0.5060	0.5279	0.5498	0.5752
0.6010	0.6300	0.6824	0.7011	0.7048
0.7636	0.8092	0.8249	0.8399	0.8475
0.8485	0.8495	0.8504	0.8515	0.8526
0.8536	0.8547	0.8558	0.8569	0.8578
0.8589	0.8601	0.8613	0.8626	0.8638
0.8650	0.8660	0.8671	0.8682	0.8694
0.8706	0.8719	0.8731	0.8744	0.8759
0.8773	0.8787	0.8800	0.8814	0.8828
0.8841	0.8855	0.9087	0.9541	1.0000

Transect C22_1

Area:

0.0034	0.0111	0.0219	0.0350	0.0503
0.0687	0.0893	0.1102	0.1310	0.1519
0.1728	0.1937	0.2146	0.2355	0.2565
0.2774	0.2984	0.3194	0.3404	0.3613
0.3823	0.4034	0.4244	0.4454	0.4664
0.4875	0.5085	0.5296	0.5506	0.5717
0.5928	0.6139	0.6350	0.6561	0.6772
0.6984	0.7195	0.7406	0.7618	0.7830
0.8041	0.8253	0.8465	0.8678	0.8890
0.9103	0.9316	0.9529	0.9754	1.0000

Hrad:

0.0235	0.0436	0.0696	0.0953	0.1183
0.1409	0.1712	0.2029	0.2346	0.2660
0.2969	0.3272	0.3569	0.3860	0.4145
0.4423	0.4695	0.4961	0.5221	0.5476
0.5725	0.5969	0.6207	0.6441	0.6670
0.6894	0.7114	0.7329	0.7540	0.7747

0.7950	0.8149	0.8344	0.8535	0.8723
0.8908	0.9089	0.9267	0.9442	0.9613
0.9782	0.9947	1.0110	1.0270	1.0428
1.0583	1.0735	1.0851	1.0334	1.0000

Width:

0.2172	0.3835	0.4707	0.5448	0.6669
0.7791	0.8199	0.8206	0.8214	0.8221
0.8228	0.8236	0.8241	0.8245	0.8248
0.8251	0.8255	0.8258	0.8262	0.8265
0.8269	0.8272	0.8275	0.8279	0.8282
0.8286	0.8289	0.8293	0.8296	0.8299
0.8303	0.8306	0.8310	0.8313	0.8317
0.8320	0.8323	0.8327	0.8330	0.8334
0.8342	0.8350	0.8357	0.8365	0.8373
0.8381	0.8389	0.8436	0.9277	1.0000

Transect C23

Area:

0.0072	0.0209	0.0354	0.0507	0.0675
0.0874	0.1080	0.1285	0.1491	0.1697
0.1903	0.2109	0.2315	0.2521	0.2727
0.2934	0.3140	0.3346	0.3553	0.3759
0.3965	0.4172	0.4379	0.4585	0.4792
0.4999	0.5206	0.5413	0.5620	0.5827
0.6034	0.6241	0.6449	0.6656	0.6863
0.7071	0.7278	0.7486	0.7694	0.7902
0.8110	0.8318	0.8527	0.8735	0.8943
0.9152	0.9361	0.9570	0.9779	1.0000

Hrad:

0.0321	0.0599	0.0895	0.1174	0.1411
0.1603	0.1850	0.2104	0.2359	0.2614
0.2867	0.3118	0.3367	0.3612	0.3855
0.4095	0.4332	0.4566	0.4797	0.5025
0.5251	0.5474	0.5695	0.5913	0.6128
0.6341	0.6552	0.6760	0.6967	0.7171
0.7373	0.7573	0.7771	0.7967	0.8162
0.8354	0.8545	0.8734	0.8921	0.9107
0.9291	0.9474	0.9655	0.9834	1.0013
1.0189	1.0365	1.0539	1.0712	1.0000

Width:

0.4782	0.5406	0.5695	0.6072	0.6828
0.7861	0.7864	0.7866	0.7868	0.7871
0.7873	0.7875	0.7878	0.7880	0.7882
0.7885	0.7887	0.7889	0.7892	0.7894
0.7896	0.7899	0.7901	0.7903	0.7906
0.7908	0.7910	0.7913	0.7915	0.7917
0.7920	0.7922	0.7924	0.7927	0.7931
0.7935	0.7939	0.7944	0.7948	0.7953
0.7957	0.7962	0.7966	0.7970	0.7975
0.7979	0.7984	0.7988	0.7993	1.0000

Transect C24

Area:

0.0077	0.0241	0.0437	0.0638	0.0840
0.1042	0.1244	0.1446	0.1649	0.1851
0.2054	0.2257	0.2460	0.2663	0.2866
0.3069	0.3272	0.3475	0.3679	0.3882
0.4085	0.4288	0.4492	0.4695	0.4899
0.5102	0.5306	0.5509	0.5713	0.5916
0.6120	0.6324	0.6527	0.6731	0.6935
0.7139	0.7343	0.7547	0.7751	0.7955
0.8159	0.8363	0.8567	0.8771	0.8975
0.9179	0.9384	0.9588	0.9792	1.0000

Hrad:

0.0259	0.0475	0.0695	0.0936	0.1180
0.1423	0.1665	0.1905	0.2142	0.2378
0.2611	0.2842	0.3071	0.3298	0.3523
0.3746	0.3967	0.4186	0.4403	0.4619
0.4832	0.5045	0.5255	0.5465	0.5672
0.5878	0.6083	0.6287	0.6489	0.6690
0.6889	0.7088	0.7285	0.7481	0.7676
0.7870	0.8063	0.8254	0.8445	0.8635
0.8824	0.9012	0.9199	0.9385	0.9570
0.9755	0.9938	1.0121	1.0303	1.0000

Width:

0.5490	0.7807	0.8560	0.8567	0.8573
0.8580	0.8586	0.8593	0.8599	0.8606
0.8612	0.8619	0.8620	0.8622	0.8624
0.8625	0.8627	0.8629	0.8630	0.8632
0.8633	0.8635	0.8637	0.8638	0.8640
0.8642	0.8643	0.8645	0.8646	0.8648
0.8650	0.8651	0.8653	0.8655	0.8656
0.8658	0.8659	0.8661	0.8663	0.8664
0.8666	0.8668	0.8669	0.8671	0.8672
0.8674	0.8676	0.8677	0.8679	1.0000

Transect C25_1

Area:

0.0025	0.0070	0.0135	0.0225	0.0331
0.0443	0.0562	0.0687	0.0817	0.0953
0.1095	0.1244	0.1397	0.1554	0.1719
0.1893	0.2076	0.2266	0.2462	0.2662
0.2864	0.3069	0.3275	0.3483	0.3693
0.3905	0.4120	0.4337	0.4556	0.4777
0.5000	0.5224	0.5451	0.5682	0.5920
0.6165	0.6416	0.6673	0.6936	0.7202
0.7470	0.7741	0.8015	0.8294	0.8575
0.8858	0.9142	0.9427	0.9713	1.0000

Hrad:

0.0194	0.0371	0.0526	0.0629	0.0868
0.1100	0.1328	0.1551	0.1763	0.1969
0.2164	0.2360	0.2596	0.2784	0.2916
0.3049	0.3192	0.3360	0.3574	0.3802
0.4044	0.4296	0.4546	0.4789	0.5023
0.5247	0.5479	0.5714	0.5950	0.6186
0.6423	0.6657	0.6866	0.6969	0.7031
0.7165	0.7251	0.7350	0.7534	0.7739
0.7951	0.8163	0.8339	0.8500	0.8723
0.8971	0.9224	0.9482	0.9741	1.0000

Width:

0.1274	0.1902	0.2561	0.3571	0.3814
0.4033	0.4236	0.4429	0.4634	0.4841
0.5063	0.5274	0.5383	0.5585	0.5897
0.6211	0.6507	0.6747	0.6892	0.7004
0.7086	0.7145	0.7206	0.7274	0.7354
0.7445	0.7522	0.7592	0.7659	0.7724
0.7785	0.7849	0.7940	0.8154	0.8421
0.8605	0.8849	0.9081	0.9208	0.9308
0.9397	0.9485	0.9613	0.9758	0.9832
0.9876	0.9912	0.9943	0.9972	1.0000

Transect C26

Area:

0.0005	0.0024	0.0056	0.0098	0.0152
0.0215	0.0284	0.0361	0.0444	0.0535
0.0632	0.0734	0.0842	0.0956	0.1075
0.1202	0.1334	0.1473	0.1617	0.1768
0.1926	0.2094	0.2271	0.2459	0.2660
0.2871	0.3092	0.3321	0.3560	0.3804
0.4055	0.4311	0.4572	0.4840	0.5112
0.5388	0.5669	0.5954	0.6243	0.6538
0.6839	0.7145	0.7457	0.7777	0.8105
0.8458	0.8831	0.9212	0.9601	1.0000

Hrad:

0.0197	0.0384	0.0625	0.0862	0.1098
0.1369	0.1650	0.1908	0.2150	0.2403
0.2672	0.2947	0.3210	0.3466	0.3685
0.3911	0.4156	0.4388	0.4613	0.4830
0.4995	0.5120	0.5260	0.5323	0.5430
0.5594	0.5792	0.5988	0.6205	0.6460
0.6738	0.7017	0.7269	0.7532	0.7827
0.8118	0.8410	0.8699	0.8963	0.9211
0.9446	0.9675	0.9893	1.0065	1.0094
0.9619	0.9812	1.0034	1.0238	1.0000

Width:

0.0267	0.0620	0.0898	0.1151	0.1399
0.1582	0.1738	0.1905	0.2081	0.2242
0.2382	0.2509	0.2640	0.2774	0.2936
0.3091	0.3229	0.3375	0.3525	0.3681
0.3877	0.4112	0.4341	0.4646	0.4928
0.5164	0.5370	0.5577	0.5764	0.5915
0.6042	0.6164	0.6309	0.6442	0.6545
0.6648	0.6748	0.6849	0.6968	0.7097
0.7237	0.7379	0.7530	0.7717	0.8021
0.8793	0.8999	0.9177	0.9372	1.0000

Transect C27

Area:

0.0070	0.0168	0.0282	0.0411	0.0557
0.0712	0.0871	0.1033	0.1205	0.1387
0.1578	0.1773	0.1974	0.2181	0.2388
0.2597	0.2808	0.3020	0.3235	0.3450
0.3666	0.3881	0.4097	0.4313	0.4530
0.4746	0.4962	0.5179	0.5396	0.5613
0.5830	0.6047	0.6264	0.6482	0.6700
0.6917	0.7135	0.7354	0.7572	0.7791
0.8011	0.8230	0.8450	0.8671	0.8891
0.9112	0.9334	0.9555	0.9777	1.0000

Hrad:

0.0174	0.0358	0.0525	0.0680	0.0818
0.1024	0.1224	0.1409	0.1548	0.1724
0.1835	0.2026	0.2163	0.2373	0.2584
0.2794	0.2990	0.3185	0.3388	0.3607
0.3826	0.4047	0.4267	0.4486	0.4707
0.4926	0.5146	0.5365	0.5584	0.5802
0.6020	0.6237	0.6455	0.6672	0.6888
0.7103	0.7316	0.7529	0.7736	0.7944
0.8152	0.8361	0.8570	0.8778	0.8984
0.9187	0.9391	0.9595	0.9798	1.0000

Width:

0.4077	0.4762	0.5448	0.6116	0.6892
0.7036	0.7196	0.7424	0.7959	0.8380
0.8702	0.8854	0.9235	0.9296	0.9351
0.9404	0.9501	0.9592	0.9657	0.9672
0.9682	0.9691	0.9699	0.9706	0.9712
0.9718	0.9724	0.9731	0.9736	0.9742
0.9749	0.9756	0.9763	0.9769	0.9777
0.9785	0.9796	0.9807	0.9825	0.9840
0.9856	0.9869	0.9883	0.9897	0.9913
0.9931	0.9949	0.9965	0.9983	1.0000

Transect C28
Area:

0.0016	0.0055	0.0107	0.0173	0.0249
0.0334	0.0426	0.0524	0.0628	0.0738
0.0857	0.0982	0.1113	0.1250	0.1394
0.1543	0.1701	0.1865	0.2036	0.2212
0.2396	0.2585	0.2777	0.2973	0.3174
0.3377	0.3584	0.3794	0.4008	0.4224
0.4442	0.4663	0.4887	0.5114	0.5344
0.5578	0.5816	0.6059	0.6308	0.6563
0.6825	0.7095	0.7378	0.7680	0.8002
0.8348	0.8722	0.9120	0.9541	1.0000

Hrad:

0.0246	0.0585	0.0864	0.1168	0.1480
0.1814	0.2156	0.2498	0.2842	0.3062
0.3370	0.3699	0.3990	0.4280	0.4578
0.4832	0.5075	0.5343	0.5646	0.5891
0.6174	0.6537	0.6869	0.7176	0.7551
0.7922	0.8267	0.8594	0.8963	0.9342
0.9717	1.0070	1.0417	1.0748	1.1059
1.1356	1.1638	1.1835	1.2036	1.2220
1.2335	1.2386	1.2066	1.1841	1.1526
1.1063	1.0858	1.0713	1.0455	1.0000

Width:

0.0658	0.0937	0.1245	0.1481	0.1685
0.1842	0.1978	0.2099	0.2209	0.2410
0.2544	0.2655	0.2789	0.2921	0.3044
0.3194	0.3350	0.3490	0.3605	0.3754
0.3880	0.3953	0.4041	0.4142	0.4201
0.4261	0.4333	0.4413	0.4469	0.4519
0.4569	0.4628	0.4689	0.4756	0.4830
0.4910	0.4995	0.5117	0.5239	0.5369
0.5531	0.5726	0.6113	0.6484	0.6941
0.7544	0.8032	0.8512	0.9126	1.0000

Transect C30
Area:

0.0003	0.0014	0.0037	0.0074	0.0120
0.0182	0.0261	0.0352	0.0467	0.0618
0.0797	0.0980	0.1166	0.1354	0.1545
0.1738	0.1933	0.2130	0.2330	0.2534
0.2741	0.2950	0.3162	0.3376	0.3592
0.3810	0.4031	0.4255	0.4482	0.4713
0.4948	0.5185	0.5424	0.5666	0.5912
0.6162	0.6415	0.6671	0.6930	0.7191
0.7455	0.7722	0.7992	0.8267	0.8546
0.8828	0.9114	0.9405	0.9701	1.0000

Hrad:

0.0152	0.0304	0.0359	0.0539	0.0704
0.0762	0.0932	0.1012	0.1178	0.1051
0.1337	0.1614	0.1888	0.2163	0.2439
0.2712	0.2983	0.3242	0.3486	0.3726
0.3980	0.4237	0.4491	0.4743	0.4988
0.5228	0.5467	0.5696	0.5889	0.6083
0.6317	0.6549	0.6780	0.6990	0.7169
0.7357	0.7577	0.7796	0.8013	0.8222
0.8429	0.8634	0.8803	0.8961	0.9137
0.9319	0.9488	0.9603	0.9780	1.0000

Width:

0.0228	0.0455	0.1046	0.1390	0.1730
0.2415	0.2837	0.3526	0.4139	0.5951
0.6038	0.6141	0.6244	0.6328	0.6399
0.6470	0.6541	0.6629	0.6743	0.6857
0.6940	0.7015	0.7089	0.7163	0.7245
0.7329	0.7413	0.7508	0.7647	0.7783
0.7865	0.7947	0.8029	0.8133	0.8272
0.8399	0.8488	0.8577	0.8666	0.8762
0.8858	0.8955	0.9089	0.9235	0.9361
0.9479	0.9610	0.9798	0.9922	1.0000

Transect C31
Area:

0.0043	0.0127	0.0244	0.0379	0.0522
0.0670	0.0824	0.0981	0.1143	0.1308
0.1476	0.1646	0.1820	0.1996	0.2174
0.2355	0.2538	0.2723	0.2910	0.3099
0.3291	0.3484	0.3679	0.3876	0.4076
0.4278	0.4482	0.4689	0.4899	0.5112
0.5329	0.5548	0.5772	0.5998	0.6226
0.6457	0.6691	0.6927	0.7165	0.7407
0.7651	0.7899	0.8149	0.8403	0.8659
0.8919	0.9183	0.9450	0.9722	1.0000

Hrad:

0.0181	0.0358	0.0547	0.0776	0.1023
0.1272	0.1515	0.1757	0.2001	0.2244
0.2489	0.2732	0.2972	0.3212	0.3453
0.3691	0.3927	0.4165	0.4400	0.4633
0.4866	0.5097	0.5326	0.5550	0.5770
0.5987	0.6179	0.6381	0.6572	0.6747
0.6918	0.7092	0.7272	0.7464	0.7662
0.7854	0.8049	0.8247	0.8437	0.8596
0.8784	0.8948	0.9119	0.9284	0.9446
0.9594	0.9733	0.9864	0.9966	1.0000

Width:

0.2415	0.3603	0.4545	0.4965	0.5195
0.5362	0.5528	0.5675	0.5801	0.5916
0.6017	0.6113	0.6208	0.6297	0.6379
0.6459	0.6540	0.6614	0.6688	0.6762
0.6833	0.6904	0.6974	0.7050	0.7128
0.7207	0.7314	0.7408	0.7511	0.7631
0.7754	0.7872	0.7982	0.8077	0.8165
0.8258	0.8345	0.8429	0.8519	0.8640
0.8731	0.8845	0.8951	0.9062	0.9176
0.9303	0.9439	0.9583	0.9756	1.0000

Transect C35
Area:

0.0024	0.0074	0.0158	0.0256	0.0364
0.0480	0.0630	0.0819	0.1011	0.1204
0.1400	0.1596	0.1795	0.1996	0.2199
0.2403	0.2609	0.2816	0.3023	0.3231
0.3439	0.3648	0.3857	0.4067	0.4277
0.4488	0.4700	0.4913	0.5126	0.5340
0.5554	0.5770	0.5986	0.6204	0.6424
0.6645	0.6868	0.7094	0.7321	0.7551
0.7784	0.8020	0.8258	0.8500	0.8743
0.8989	0.9237	0.9488	0.9742	1.0000

Hrad:

0.0178	0.0295	0.0471	0.0684	0.0896
0.1101	0.0924	0.1185	0.1447	0.1707
0.1965	0.2219	0.2467	0.2717	0.2962
0.3202	0.3458	0.3714	0.3968	0.4221
0.4472	0.4721	0.4968	0.5213	0.5457
0.5695	0.5932	0.6166	0.6400	0.6632
0.6859	0.7081	0.7296	0.7498	0.7695
0.7885	0.8065	0.8236	0.8404	0.8564
0.8710	0.8863	0.9002	0.9165	0.9336
0.9481	0.9646	0.9791	0.9910	1.0000

Width:

0.1430	0.2653	0.3561	0.3972	0.4303
0.4794	0.7231	0.7327	0.7403	0.7468
0.7532	0.7604	0.7686	0.7754	0.7830
0.7910	0.7935	0.7956	0.7976	0.7995
0.8015	0.8035	0.8056	0.8077	0.8099
0.8127	0.8155	0.8183	0.8210	0.8238
0.8270	0.8307	0.8351	0.8409	0.8472
0.8540	0.8619	0.8707	0.8796	0.8894
0.9006	0.9109	0.9227	0.9319	0.9400
0.9508	0.9594	0.9701	0.9834	1.0000

Transect C35_1
Area:

0.0008	0.0038	0.0084	0.0142	0.0209
0.0285	0.0368	0.0457	0.0553	0.0657
0.0766	0.0880	0.0998	0.1121	0.1247
0.1378	0.1515	0.1661	0.1831	0.2046
0.2297	0.2549	0.2802	0.3056	0.3311
0.3567	0.3823	0.4081	0.4340	0.4600
0.4861	0.5123	0.5386	0.5649	0.5914
0.6179	0.6445	0.6712	0.6979	0.7247
0.7516	0.7787	0.8058	0.8330	0.8604
0.8878	0.9154	0.9433	0.9715	1.0000

Hrad:

0.0144	0.0282	0.0476	0.0656	0.0853
0.1048	0.1250	0.1440	0.1612	0.1804
0.2001	0.2204	0.2414	0.2619	0.2811
0.2998	0.3132	0.3136	0.3077	0.2988
0.2825	0.3068	0.3316	0.3573	0.3832
0.4089	0.4341	0.4593	0.4848	0.5103
0.5365	0.5628	0.5890	0.6150	0.6410
0.6671	0.6936	0.7201	0.7465	0.7718
0.7969	0.8222	0.8476	0.8730	0.8983
0.9237	0.9445	0.9620	0.9807	1.0000

Width:

0.0559	0.1341	0.1793	0.2207	0.2504
0.2767	0.2985	0.3227	0.3503	0.3711
0.3897	0.4059	0.4194	0.4332	0.4487
0.4647	0.4886	0.5370	0.6702	0.8398
0.8768	0.8808	0.8845	0.8873	0.8901
0.8931	0.8972	0.9012	0.9051	0.9089
0.9117	0.9144	0.9172	0.9203	0.9234
0.9262	0.9286	0.9310	0.9333	0.9369
0.9408	0.9443	0.9478	0.9513	0.9547
0.9581	0.9662	0.9783	0.9894	1.0000

Transect C35_2
Area:

0.0030	0.0083	0.0149	0.0226	0.0312
0.0408	0.0513	0.0625	0.0745	0.0877
0.1025	0.1184	0.1351	0.1524	0.1701
0.1883	0.2068	0.2257	0.2450	0.2647
0.2847	0.3051	0.3257	0.3467	0.3680
0.3895	0.4113	0.4335	0.4560	0.4787
0.5018	0.5251	0.5488	0.5727	0.5970
0.6215	0.6464	0.6716	0.6971	0.7227
0.7487	0.7750	0.8017	0.8287	0.8562
0.8842	0.9126	0.9414	0.9705	1.0000

Hrad:

0.0307	0.0611	0.0888	0.1142	0.1364

0.1566	0.1770	0.1957	0.2126	0.2306
0.2549	0.2783	0.3010	0.3236	0.3462
0.3688	0.3909	0.4131	0.4339	0.4554
0.4768	0.4979	0.5189	0.5397	0.5605
0.5813	0.6016	0.6206	0.6403	0.6600
0.6796	0.6986	0.7177	0.7364	0.7549
0.7734	0.7904	0.8086	0.8271	0.8455
0.8633	0.8792	0.8951	0.9103	0.9254
0.9393	0.9543	0.9700	0.9849	1.0000

Width:

0.1521	0.2034	0.2407	0.2733	0.3075
0.3390	0.3645	0.3914	0.4207	0.4733
0.5201	0.5495	0.5726	0.5910	0.6053
0.6180	0.6306	0.6420	0.6573	0.6689
0.6798	0.6907	0.7011	0.7117	0.7211
0.7301	0.7395	0.7518	0.7620	0.7714
0.7812	0.7916	0.8016	0.8117	0.8219
0.8314	0.8436	0.8529	0.8612	0.8696
0.8790	0.8918	0.9047	0.9191	0.9334
0.9497	0.9631	0.9745	0.9874	1.0000

Transect C37

Area:

0.0063	0.0153	0.0254	0.0365	0.0489
0.0628	0.0780	0.0955	0.1160	0.1374
0.1588	0.1802	0.2016	0.2230	0.2444
0.2658	0.2873	0.3087	0.3301	0.3516
0.3730	0.3945	0.4159	0.4374	0.4588
0.4803	0.5018	0.5232	0.5447	0.5662
0.5877	0.6092	0.6307	0.6522	0.6737
0.6952	0.7167	0.7383	0.7598	0.7813
0.8028	0.8244	0.8459	0.8675	0.8890
0.9106	0.9321	0.9537	0.9758	1.0000

Hrad:

0.0374	0.0794	0.1166	0.1496	0.1783
0.2031	0.2243	0.2375	0.2507	0.2684
0.2880	0.3084	0.3294	0.3506	0.3719
0.3933	0.4145	0.4357	0.4568	0.4777
0.4985	0.5191	0.5395	0.5598	0.5800
0.5999	0.6198	0.6394	0.6590	0.6783
0.6976	0.7167	0.7356	0.7544	0.7731
0.7917	0.8101	0.8284	0.8467	0.8647
0.8827	0.9006	0.9184	0.9360	0.9536
0.9711	0.9885	1.0058	1.0062	1.0000

Width:

0.3200	0.3745	0.4143	0.4588	0.5114
0.5671	0.6316	0.7569	0.8328	0.8355
0.8357	0.8359	0.8360	0.8362	0.8364
0.8366	0.8368	0.8369	0.8371	0.8373
0.8375	0.8376	0.8378	0.8380	0.8382
0.8384	0.8385	0.8387	0.8389	0.8391
0.8393	0.8394	0.8396	0.8398	0.8400
0.8401	0.8403	0.8405	0.8407	0.8409
0.8410	0.8412	0.8414	0.8416	0.8418
0.8419	0.8421	0.8423	0.9004	1.0000

Transect C38

Area:

0.0043	0.0114	0.0196	0.0284	0.0376
0.0473	0.0574	0.0678	0.0787	0.0899
0.1015	0.1134	0.1257	0.1384	0.1515
0.1653	0.1834	0.2043	0.2254	0.2466
0.2680	0.2895	0.3112	0.3331	0.3551
0.3772	0.3996	0.4221	0.4447	0.4675
0.4905	0.5137	0.5369	0.5604	0.5840
0.6078	0.6318	0.6559	0.6803	0.7048
0.7295	0.7544	0.7797	0.8060	0.8345
0.8646	0.8960	0.9290	0.9637	1.0000

Hrad:

0.0223	0.0480	0.0747	0.1016	0.1285
0.1548	0.1803	0.2049	0.2289	0.2530
0.2767	0.2997	0.3218	0.3426	0.3608
0.3728	0.3761	0.3959	0.4202	0.4470
0.4754	0.5048	0.5350	0.5657	0.5967
0.6276	0.6585	0.6894	0.7203	0.7511
0.7817	0.8122	0.8425	0.8724	0.9018
0.9306	0.9590	0.9871	1.0149	1.0425
1.0692	1.0929	1.1059	1.0788	1.0358
1.0331	1.0306	1.0136	1.0094	1.0000

Width:

0.1687	0.2071	0.2279	0.2423	0.2538
0.2642	0.2747	0.2854	0.2959	0.3056
0.3149	0.3245	0.3347	0.3458	0.3593
0.3793	0.5580	0.5623	0.5664	0.5706
0.5748	0.5791	0.5834	0.5876	0.5918
0.5961	0.6005	0.6049	0.6092	0.6134
0.6177	0.6220	0.6262	0.6304	0.6350
0.6397	0.6446	0.6495	0.6545	0.6594
0.6647	0.6719	0.6861	0.7291	0.7909
0.8236	0.8579	0.9092	0.9503	1.0000

Transect C39

Area:

0.0095	0.0239	0.0405	0.0597	0.0790
0.0984	0.1178	0.1374	0.1574	0.1774
0.1975	0.2176	0.2377	0.2578	0.2779
0.2981	0.3183	0.3385	0.3587	0.3789
0.3992	0.4194	0.4397	0.4599	0.4802
0.5005	0.5208	0.5411	0.5614	0.5818
0.6021	0.6224	0.6428	0.6632	0.6836
0.7040	0.7244	0.7448	0.7652	0.7856
0.8061	0.8265	0.8470	0.8675	0.8883
0.9095	0.9310	0.9530	0.9760	1.0000

Hrad:

0.0214	0.0442	0.0648	0.0886	0.1163
0.1436	0.1705	0.1967	0.2219	0.2467
0.2713	0.2954	0.3193	0.3428	0.3659
0.3887	0.4112	0.4334	0.4553	0.4769
0.4982	0.5192	0.5400	0.5605	0.5807
0.6007	0.6205	0.6399	0.6592	0.6782
0.6969	0.7155	0.7338	0.7519	0.7697
0.7874	0.8048	0.8221	0.8391	0.8559
0.8726	0.8890	0.9053	0.9213	0.9367
0.9514	0.9656	0.9788	0.9907	1.0000

Width:

0.5208	0.6353	0.7342	0.7868	0.7882
0.7896	0.7898	0.8129	0.8139	0.8150
0.8160	0.8170	0.8181	0.8191	0.8202
0.8212	0.8219	0.8223	0.8227	0.8231
0.8236	0.8240	0.8244	0.8248	0.8252
0.8257	0.8261	0.8265	0.8269	0.8274
0.8278	0.8282	0.8286	0.8290	0.8295
0.8299	0.8303	0.8307	0.8312	0.8316
0.8320	0.8324	0.8328	0.8383	0.8549
0.8680	0.8843	0.9109	0.9574	1.0000

Transect C4

Area:

0.0010	0.0041	0.0117	0.0223	0.0336
0.0452	0.0573	0.0698	0.0826	0.0959
0.1095	0.1237	0.1383	0.1536	0.1693
0.1855	0.2020	0.2189	0.2360	0.2533
0.2710	0.2889	0.3071	0.3259	0.3454
0.3654	0.3857	0.4063	0.4272	0.4483
0.4697	0.4914	0.5133	0.5355	0.5580
0.5809	0.6040	0.6276	0.6516	0.6762
0.7020	0.7310	0.7622	0.7949	0.8282
0.8621	0.8963	0.9307	0.9653	1.0000

Hrad:

0.0185	0.0289	0.0390	0.0666	0.0957
0.1248	0.1527	0.1796	0.2061	0.2314
0.2563	0.2792	0.3001	0.3198	0.3424
0.3666	0.3909	0.4153	0.4402	0.4647
0.4887	0.5123	0.5346	0.5396	0.5591
0.5798	0.6020	0.6238	0.6468	0.6699
0.6921	0.7147	0.7358	0.7574	0.7774
0.7975	0.8164	0.8327	0.8454	0.8524
0.8156	0.8074	0.8062	0.8318	0.8597
0.8874	0.9153	0.9434	0.9716	1.0000

Width:

0.0510	0.1350	0.2843	0.3158	0.3305
0.3410	0.3521	0.3638	0.3750	0.3870
0.3986	0.4128	0.4291	0.4467	0.4598
0.4698	0.4792	0.4879	0.4953	0.5029
0.5107	0.5185	0.5277	0.5549	0.5674
0.5784	0.5874	0.5965	0.6041	0.6112
0.6190	0.6261	0.6346	0.6425	0.6517
0.6607	0.6707	0.6831	0.6988	0.7197
0.7877	0.8671	0.9279	0.9462	0.9683
0.9795	0.9856	0.9913	0.9954	1.0000

Transect C40

Area:

0.0029	0.0087	0.0162	0.0250	0.0348
0.0456	0.0572	0.0698	0.0830	0.0969
0.1114	0.1265	0.1422	0.1585	0.1753
0.1926	0.2104	0.2287	0.2474	0.2665
0.2860	0.3060	0.3264	0.3471	0.3683
0.3899	0.4119	0.4342	0.4571	0.4805
0.5044	0.5287	0.5534	0.5784	0.6038
0.6294	0.6552	0.6810	0.7070	0.7331
0.7593	0.7856	0.8120	0.8385	0.8651
0.8919	0.9188	0.9458	0.9728	1.0000

Hrad:

0.0162	0.0360	0.0529	0.0720	0.0926
0.1108	0.1289	0.1472	0.1672	0.1856
0.2049	0.2231	0.2425	0.2606	0.2789
0.2986	0.3180	0.3370	0.3565	0.3755
0.3941	0.4130	0.4319	0.4508	0.4692
0.4876	0.5059	0.5230	0.5379	0.5528
0.5699	0.5876	0.6061	0.6251	0.6438
0.6667	0.6909	0.7150	0.7390	0.7632
0.7874	0.8116	0.8357	0.8589	0.8820
0.9049	0.9287	0.9526	0.9763	1.0000

Width:

0.1776	0.2416	0.3055	0.3474	0.3763
0.4122	0.4442	0.4742	0.4966	0.5221
0.5438	0.5673	0.5867	0.6085	0.6288
0.6456	0.6622	0.6789	0.6942	0.7099
0.7261	0.7412	0.7560	0.7704	0.7852

0.7999	0.8144	0.8306	0.8501	0.8696
0.8853	0.9000	0.9133	0.9256	0.9381
0.9443	0.9485	0.9527	0.9569	0.9607
0.9644	0.9681	0.9717	0.9763	0.9810
0.9857	0.9893	0.9929	0.9964	1.0000

Transect C44
Area:

0.0020	0.0073	0.0159	0.0266	0.0388
0.0523	0.0669	0.0823	0.0987	0.1161
0.1344	0.1533	0.1726	0.1920	0.2116
0.2313	0.2512	0.2714	0.2917	0.3122
0.3328	0.3536	0.3746	0.3958	0.4172
0.4387	0.4604	0.4822	0.5042	0.5264
0.5487	0.5712	0.5938	0.6166	0.6396
0.6627	0.6859	0.7094	0.7330	0.7567
0.7805	0.8045	0.8285	0.8527	0.8770
0.9014	0.9259	0.9505	0.9752	1.0000

Hrad:

0.0136	0.0249	0.0382	0.0552	0.0725
0.0904	0.1084	0.1263	0.1433	0.1595
0.1784	0.1977	0.2202	0.2430	0.2655
0.2875	0.3090	0.3306	0.3528	0.3747
0.3965	0.4179	0.4389	0.4595	0.4808
0.5022	0.5237	0.5451	0.5660	0.5868
0.6070	0.6273	0.6484	0.6692	0.6896
0.7094	0.7293	0.7496	0.7705	0.7909
0.8119	0.8331	0.8541	0.8750	0.8958
0.9165	0.9374	0.9584	0.9791	1.0000

Width:

0.1381	0.2799	0.3975	0.4644	0.5202
0.5648	0.6034	0.6396	0.6784	0.7215
0.7484	0.7714	0.7784	0.7842	0.7904
0.7977	0.8063	0.8141	0.8203	0.8268
0.8333	0.8404	0.8482	0.8566	0.8633
0.8694	0.8752	0.8810	0.8876	0.8941
0.9015	0.9084	0.9140	0.9198	0.9261
0.9331	0.9399	0.9460	0.9511	0.9566
0.9613	0.9657	0.9700	0.9745	0.9790
0.9836	0.9878	0.9918	0.9960	1.0000

Transect C45
Area:

0.0009	0.0029	0.0057	0.0091	0.0130
0.0176	0.0230	0.0292	0.0361	0.0438
0.0520	0.0608	0.0701	0.0802	0.0912
0.1030	0.1156	0.1292	0.1439	0.1598
0.1777	0.1963	0.2153	0.2348	0.2547
0.2754	0.2968	0.3193	0.3435	0.3682
0.3933	0.4188	0.4449	0.4719	0.5000
0.5296	0.5605	0.5919	0.6238	0.6563
0.6894	0.7231	0.7571	0.7912	0.8255
0.8600	0.8946	0.9295	0.9647	1.0000

Hrad:

0.0221	0.0423	0.0655	0.0885	0.1100
0.1257	0.1428	0.1596	0.1770	0.1964
0.2195	0.2420	0.2620	0.2702	0.2854
0.3027	0.3178	0.3279	0.3391	0.3404
0.3465	0.3739	0.4014	0.4274	0.4494
0.4693	0.4854	0.4916	0.5011	0.5287
0.5566	0.5828	0.6023	0.6137	0.6216
0.6240	0.6436	0.6690	0.6943	0.7174
0.7351	0.7652	0.7951	0.8253	0.8555
0.8855	0.9146	0.9435	0.9721	1.0000

Width:

0.0416	0.0688	0.0877	0.1036	0.1194
0.1416	0.1629	0.1849	0.2064	0.2256
0.2398	0.2540	0.2704	0.2999	0.3231
0.3442	0.3679	0.3983	0.4290	0.4746
0.5186	0.5306	0.5420	0.5548	0.5725
0.5927	0.6175	0.6562	0.6925	0.7035
0.7135	0.7256	0.7457	0.7764	0.8123
0.8573	0.8797	0.8937	0.9076	0.9240
0.9473	0.9534	0.9595	0.9649	0.9701
0.9753	0.9813	0.9873	0.9934	1.0000

Transect C52
Area:

0.0025	0.0080	0.0150	0.0232	0.0324
0.0423	0.0530	0.0647	0.0775	0.0910
0.1051	0.1198	0.1350	0.1508	0.1672
0.1842	0.2017	0.2197	0.2383	0.2574
0.2772	0.2975	0.3184	0.3399	0.3618
0.3843	0.4072	0.4304	0.4540	0.4779
0.5021	0.5266	0.5516	0.5768	0.6020
0.6274	0.6529	0.6784	0.7041	0.7300
0.7560	0.7823	0.8089	0.8357	0.8626
0.8896	0.9169	0.9443	0.9720	1.0000

Hrad:

0.0192	0.0444	0.0675	0.0926	0.1185
0.1446	0.1763	0.2055	0.2317	0.2566
0.2808	0.3043	0.3272	0.3489	0.3699
0.3905	0.4108	0.4307	0.4497	0.4678
0.4853	0.5028	0.5200	0.5370	0.5540
0.5708	0.5881	0.6056	0.6235	0.6411
0.6584	0.6751	0.6917	0.7106	0.7298
0.7492	0.7686	0.7879	0.8064	0.8247
0.8424	0.8598	0.8773	0.8958	0.9145
0.9332	0.9511	0.9690	0.9852	1.0000

Width:

0.1593	0.2221	0.2740	0.3099	0.3376
0.3628	0.3945	0.4340	0.4677	0.4903
0.5091	0.5288	0.5472	0.5695	0.5916
0.6114	0.6292	0.6461	0.6662	0.6889
0.7107	0.7306	0.7495	0.7683	0.7856
0.8032	0.8167	0.8287	0.8393	0.8501
0.8620	0.8761	0.8896	0.8934	0.8963
0.8993	0.9027	0.9065	0.9124	0.9189
0.9266	0.9354	0.9439	0.9499	0.9552
0.9603	0.9675	0.9746	0.9855	1.0000

Transect C7
Area:

0.0010	0.0028	0.0050	0.0074	0.0103
0.0135	0.0188	0.0320	0.0471	0.0631
0.0797	0.0968	0.1145	0.1326	0.1512
0.1705	0.1906	0.2109	0.2314	0.2522
0.2733	0.2946	0.3161	0.3379	0.3600
0.3823	0.4049	0.4277	0.4508	0.4742
0.4978	0.5217	0.5459	0.5703	0.5950
0.6200	0.6453	0.6708	0.6967	0.7227
0.7491	0.7758	0.8027	0.8300	0.8575
0.8854	0.9134	0.9418	0.9706	1.0000

Hrad:

0.0433	0.0881	0.1311	0.1696	0.2062
0.2356	0.2465	0.2037	0.2003	0.2112
0.2281	0.2477	0.2687	0.2899	0.3106
0.3286	0.3501	0.3733	0.3963	0.4194
0.4422	0.4650	0.4875	0.5099	0.5318
0.5537	0.5751	0.5964	0.6174	0.6383
0.6588	0.6793	0.6993	0.7192	0.7387
0.7581	0.7770	0.7961	0.8150	0.8336
0.8516	0.8694	0.8874	0.9050	0.9224
0.9401	0.9573	0.9736	0.9878	1.0000

Width:

0.0506	0.0662	0.0779	0.0900	0.1020
0.1171	0.3206	0.4903	0.5236	0.5491
0.5676	0.5852	0.6003	0.6174	0.6368
0.6651	0.6788	0.6868	0.6954	0.7035
0.7124	0.7199	0.7284	0.7366	0.7457
0.7543	0.7637	0.7723	0.7816	0.7902
0.7995	0.8077	0.8172	0.8262	0.8357
0.8449	0.8550	0.8637	0.8722	0.8813
0.8920	0.9022	0.9114	0.9212	0.9309
0.9393	0.9487	0.9601	0.9773	1.0000

Transect C9
Area:

0.0032	0.0092	0.0160	0.0234	0.0313
0.0395	0.0479	0.0567	0.0658	0.0752
0.0849	0.0950	0.1055	0.1168	0.1288
0.1416	0.1551	0.1697	0.1851	0.2013
0.2181	0.2355	0.2538	0.2728	0.2924
0.3128	0.3338	0.3555	0.3782	0.4019
0.4263	0.4516	0.4776	0.5044	0.5324
0.5609	0.5898	0.6190	0.6487	0.6787
0.7091	0.7398	0.7709	0.8023	0.8341
0.8663	0.8990	0.9322	0.9658	1.0000

Hrad:

0.0226	0.0527	0.0832	0.1143	0.1448
0.1755	0.2051	0.2337	0.2620	0.2895
0.3154	0.3384	0.3704	0.4032	0.4329
0.4600	0.4848	0.5068	0.5275	0.5471
0.5663	0.5843	0.6015	0.6181	0.6343
0.6503	0.6659	0.6801	0.6928	0.7053
0.7183	0.7314	0.7440	0.7548	0.7658
0.7811	0.7963	0.8119	0.8276	0.8435
0.8595	0.8757	0.8917	0.9080	0.9241
0.9397	0.9550	0.9702	0.9853	1.0000

Width:

0.1522	0.1889	0.2086	0.2217	0.2329
0.2419	0.2509	0.2601	0.2686	0.2772
0.2867	0.2985	0.3155	0.3365	0.3597
0.3830	0.4075	0.4367	0.4578	0.4790
0.4971	0.5190	0.5408	0.5618	0.5815
0.6008	0.6200	0.6446	0.6726	0.6988
0.7226	0.7439	0.7670	0.7962	0.8240
0.8327	0.8446	0.8551	0.8665	0.8774
0.8877	0.8976	0.9085	0.9181	0.9291
0.9422	0.9566	0.9706	0.9844	1.0000

Transect DT01
Area:

0.0006	0.0014	0.0023	0.0046	0.0092
0.0145	0.0203	0.0264	0.0329	0.0398
0.0484	0.0604	0.0749	0.0896	0.1045
0.1195	0.1347	0.1504	0.1666	0.1842
0.2023	0.2204	0.2385	0.2567	0.2748
0.2931	0.3135	0.3387	0.3654	0.3922
0.4191	0.4459	0.4728	0.4997	0.5267

0.5537	0.5823	0.6127	0.6432	0.6736
0.7042	0.7348	0.7654	0.7961	0.8276
0.8601	0.8936	0.9282	0.9636	1.0000

Hrad:

0.0705	0.1191	0.1591	0.1504	0.1524
0.1794	0.2125	0.2468	0.2812	0.3043
0.2954	0.2991	0.3216	0.3513	0.3830
0.4148	0.4429	0.4661	0.4890	0.4975
0.5324	0.5669	0.6009	0.6344	0.6673
0.6994	0.7245	0.7368	0.7502	0.7669
0.7860	0.8066	0.8284	0.8509	0.8740
0.8975	0.7737	0.8004	0.8270	0.8536
0.8800	0.9063	0.9320	0.9291	0.9335
0.9411	0.9539	0.9675	0.9836	1.0000

Width:

0.0184	0.0227	0.0270	0.1118	0.1360
0.1508	0.1617	0.1716	0.1808	0.2013
0.2798	0.3557	0.3994	0.4022	0.4055
0.4098	0.4185	0.4336	0.4504	0.4905
0.4913	0.4922	0.4931	0.4938	0.4943
0.5153	0.6057	0.7266	0.7276	0.7286
0.7292	0.7300	0.7313	0.7325	0.7338
0.7351	0.8272	0.8275	0.8279	0.8291
0.8303	0.8315	0.8338	0.8380	0.8685
0.8992	0.9253	0.9520	0.9758	1.0000

Transect DT02

Area:

0.0005	0.0012	0.0024	0.0041	0.0065
0.0096	0.0134	0.0179	0.0231	0.0316
0.0452	0.0591	0.0732	0.0876	0.1022
0.1171	0.1322	0.1491	0.1673	0.1856
0.2039	0.2222	0.2406	0.2589	0.2773
0.2968	0.3200	0.3455	0.3710	0.3966
0.4222	0.4478	0.4734	0.4991	0.5268
0.5568	0.5869	0.6170	0.6471	0.6772
0.7073	0.7375	0.7677	0.7982	0.8297
0.8620	0.8952	0.9293	0.9642	1.0000

Hrad:

0.0582	0.0948	0.1209	0.1501	0.2091
0.2508	0.2852	0.3134	0.3335	0.3185
0.3004	0.3115	0.3327	0.3576	0.3844
0.4116	0.4367	0.4373	0.4635	0.4904
0.5174	0.5443	0.5711	0.5974	0.6234
0.6456	0.6581	0.6685	0.6818	0.6972
0.7138	0.7314	0.7496	0.7682	0.7206
0.7434	0.7679	0.7924	0.8170	0.8415
0.8659	0.8902	0.9143	0.9222	0.9327
0.9446	0.9565	0.9707	0.9847	1.0000

Width:

0.0160	0.0250	0.0393	0.0574	0.0764
0.0955	0.1132	0.1327	0.1636	0.3723
0.3790	0.3865	0.3935	0.4009	0.4076
0.4146	0.4256	0.5046	0.5050	0.5055
0.5060	0.5064	0.5069	0.5074	0.5084
0.5862	0.7047	0.7054	0.7061	0.7068
0.7075	0.7083	0.7090	0.7097	0.8287
0.8307	0.8312	0.8317	0.8322	0.8327
0.8332	0.8339	0.8345	0.8579	0.8813
0.9048	0.9303	0.9532	0.9776	1.0000

Transect DT03

Area:

0.0011	0.0029	0.0053	0.0083	0.0121
0.0166	0.0220	0.0289	0.0420	0.0570
0.0722	0.0878	0.1037	0.1199	0.1367
0.1546	0.1735	0.1926	0.2118	0.2309
0.2501	0.2693	0.2885	0.3078	0.3272
0.3486	0.3722	0.3959	0.4197	0.4434
0.4672	0.4910	0.5149	0.5418	0.5688
0.5959	0.6229	0.6500	0.6771	0.7042
0.7314	0.7586	0.7861	0.8143	0.8431
0.8726	0.9031	0.9343	0.9666	1.0000

Hrad:

0.0564	0.1088	0.1667	0.2153	0.2533
0.2842	0.3087	0.3186	0.2912	0.2920
0.3081	0.3305	0.3551	0.3789	0.3986
0.4155	0.4375	0.4639	0.4901	0.5162
0.5419	0.5671	0.5919	0.6162	0.6398
0.6577	0.6717	0.6871	0.7033	0.7201
0.7372	0.7544	0.7617	0.7459	0.7684
0.7907	0.8130	0.8352	0.8572	0.8791
0.9008	0.9221	0.9319	0.9434	0.9553
0.9659	0.9760	0.9865	0.9965	1.0000

Width:

0.0458	0.0593	0.0787	0.1005	0.1200
0.1438	0.1712	0.2336	0.4329	0.4416
0.4508	0.4590	0.4671	0.4797	0.5045
0.5405	0.5572	0.5580	0.5587	0.5595
0.5603	0.5611	0.5619	0.5626	0.5786
0.6902	0.6911	0.6921	0.6931	0.6941
0.6951	0.6962	0.7349	0.7888	0.7892
0.7896	0.7900	0.7907	0.7914	0.7922
0.7929	0.7941	0.8135	0.8320	0.8512
0.8743	0.9000	0.9264	0.9551	1.0000

Transect DT04

Area:

0.0010	0.0026	0.0052	0.0091	0.0145
0.0217	0.0365	0.0535	0.0709	0.0886
0.1067	0.1251	0.1440	0.1635	0.1838
0.2048	0.2259	0.2469	0.2680	0.2890
0.3101	0.3312	0.3523	0.3734	0.3945
0.4160	0.4384	0.4609	0.4834	0.5060
0.5285	0.5511	0.5737	0.5963	0.6189
0.6416	0.6642	0.6869	0.7096	0.7323
0.7551	0.7786	0.8031	0.8285	0.8547
0.8819	0.9100	0.9391	0.9691	1.0000

Hrad:

0.0460	0.0790	0.1076	0.1487	0.1752
0.1901	0.1689	0.1828	0.2064	0.2331
0.2611	0.2891	0.3158	0.3412	0.3642
0.3912	0.4192	0.4470	0.4744	0.5014
0.5280	0.5542	0.5800	0.6053	0.6301
0.6537	0.6753	0.6968	0.7180	0.7389
0.7596	0.7800	0.8001	0.8198	0.8393
0.8585	0.8774	0.8959	0.9143	0.9323
0.9452	0.9508	0.9568	0.9638	0.9715
0.9796	0.9880	0.9958	1.0042	1.0000

Width:

0.0414	0.0650	0.1052	0.1440	0.1969
0.2761	0.5352	0.5469	0.5585	0.5702
0.5810	0.5931	0.6101	0.6317	0.6624
0.6693	0.6696	0.6700	0.6703	0.6707
0.6710	0.6713	0.6717	0.6720	0.6723
0.7126	0.7146	0.7164	0.7170	0.7175
0.7181	0.7187	0.7193	0.7198	0.7204
0.7210	0.7216	0.7221	0.7227	0.7233
0.7341	0.7628	0.7927	0.8220	0.8508
0.8800	0.9090	0.9400	0.9691	1.0000

Transect DT05

Area:

0.0015	0.0040	0.0077	0.0129	0.0226
0.0335	0.0461	0.0598	0.0743	0.0895
0.1057	0.1227	0.1407	0.1589	0.1772
0.1956	0.2139	0.2323	0.2507	0.2690
0.2874	0.3058	0.3243	0.3427	0.3611
0.3803	0.4022	0.4245	0.4468	0.4691
0.4915	0.5139	0.5363	0.5587	0.5813
0.6038	0.6265	0.6492	0.6722	0.6962
0.7214	0.7478	0.7753	0.8040	0.8337
0.8647	0.8968	0.9301	0.9645	1.0000

Hrad:

0.0526	0.0924	0.1275	0.1763	0.1852
0.2098	0.2349	0.2627	0.2905	0.3178
0.3438	0.3688	0.3941	0.4234	0.4531
0.4826	0.5116	0.5402	0.5683	0.5959
0.6229	0.6494	0.6753	0.7008	0.7257
0.7483	0.7638	0.7798	0.7964	0.8133
0.8304	0.8476	0.8647	0.8816	0.8985
0.9153	0.9319	0.9483	0.9521	0.9525
0.9527	0.9560	0.9584	0.9634	0.9684
0.9732	0.9797	0.9858	0.9925	1.0000

Width:

0.0565	0.0829	0.1205	0.1892	0.2882
0.3263	0.3672	0.3897	0.4125	0.4354
0.4595	0.4840	0.5039	0.5079	0.5082
0.5085	0.5088	0.5091	0.5094	0.5097
0.5100	0.5103	0.5106	0.5109	0.5112
0.5664	0.6169	0.6177	0.6186	0.6194
0.6202	0.6210	0.6219	0.6235	0.6251
0.6266	0.6281	0.6296	0.6514	0.6818
0.7152	0.7456	0.7793	0.8099	0.8416
0.8748	0.9054	0.9378	0.9695	1.0000

Transect DT05-2

Area:

0.0015	0.0040	0.0077	0.0129	0.0226
0.0335	0.0461	0.0598	0.0743	0.0895
0.1057	0.1227	0.1407	0.1589	0.1772
0.1956	0.2139	0.2323	0.2507	0.2690
0.2874	0.3058	0.3243	0.3427	0.3611
0.3803	0.4022	0.4245	0.4468	0.4691
0.4915	0.5139	0.5363	0.5587	0.5813
0.6038	0.6265	0.6492	0.6722	0.6962
0.7214	0.7478	0.7753	0.8040	0.8337
0.8647	0.8968	0.9301	0.9645	1.0000

Hrad:

0.0526	0.0924	0.1275	0.1763	0.1852
0.2098	0.2349	0.2627	0.2905	0.3178
0.3438	0.3688	0.3941	0.4234	0.4531
0.4826	0.5116	0.5402	0.5683	0.5959
0.6229	0.6494	0.6753	0.7008	0.7257
0.7483	0.7638	0.7798	0.7964	0.8133
0.8304	0.8476	0.8647	0.8816	0.8985
0.9153	0.9319	0.9483	0.9521	0.9525
0.9527	0.9560	0.9584	0.9634	0.9684
0.9732	0.9797	0.9858	0.9925	1.0000

Width:

0.0565	0.0829	0.1205	0.1892	0.2882
0.3263	0.3672	0.3897	0.4125	0.4354
0.4595	0.4840	0.5039	0.5079	0.5082
0.5085	0.5088	0.5091	0.5094	0.5097
0.5100	0.5103	0.5106	0.5109	0.5112
0.5664	0.6169	0.6177	0.6186	0.6194
0.6202	0.6210	0.6219	0.6235	0.6251
0.6266	0.6281	0.6296	0.6514	0.6818
0.7152	0.7456	0.7793	0.8099	0.8416
0.8748	0.9054	0.9378	0.9695	1.0000

```
*********************************************************
NOTE: The summary statistics displayed in this report are
based on results found at every computational time step,
not just on results from each reporting time step.
*********************************************************

****************
Analysis Options
****************
Flow Units ............... CFS
Process Models:
  Rainfall/Runoff ........ YES
  RDII ................... NO
  Snowmelt ............... NO
  Groundwater ............ NO
  Flow Routing ........... YES
  Ponding Allowed ........ YES
  Water Quality .......... NO
Flow Routing Method ...... DYNWAVE
Surcharge Method ......... EXTRAN
Starting Date ............ 03/08/2021 00:00:00
Ending Date .............. 03/09/2021 00:00:00
Antecedent Dry Days ...... 0.0
Report Time Step ......... 00:01:00
Routing Time Step ........ 3.00 sec
Variable Time Step ....... YES
Maximum Trials ........... 8
Number of Threads ........ 6
Head Tolerance ........... 0.005000 ft


**************************        Volume         Volume
Flow Routing Continuity        acre-feet       10^6 gal
**************************     ---------      ---------
Dry Weather Inflow .......         0.000          0.000
Wet Weather Inflow .......         0.000          0.000
Groundwater Inflow .......         0.000          0.000
RDII Inflow ..............         0.000          0.000
External Inflow ..........        50.131         16.336
External Outflow .........        46.062         15.010
Flooding Loss ............         0.000          0.000
Evaporation Loss .........         0.000          0.000
Exfiltration Loss ........         0.000          0.000
Initial Stored Volume ....         0.000          0.000
Final Stored Volume ......         3.988          1.300
Continuity Error (%) .....         0.162


*************************
Highest Continuity Errors
*************************
Node RO1 (4.07%)
Node J9 (3.59%)
Node 19438 (-2.13%)
Node 52033 (1.73%)
Node 52031 (1.59%)


***************************
Time-Step Critical Elements
***************************
Link 86624_2 (95.85%)


********************************
Highest Flow Instability Indexes
********************************
All links are stable.


*************************
Routing Time Step Summary
*************************
Minimum Time Step           :     0.03 sec
Average Time Step           :     0.99 sec
Maximum Time Step           :     3.00 sec
Percent in Steady State     :    -0.00
Average Iterations per Step :     2.01
Percent Not Converging      :     0.02
Time Step Frequencies       :
    3.000 -  2.096 sec      :     3.32 %
    2.096 -  1.465 sec      :     2.54 %
    1.465 -  1.024 sec      :    30.76 %
    1.024 -  0.715 sec      :    44.21 %
    0.715 -  0.500 sec      :    19.16 %


******************
Node Depth Summary
******************
```

Node	Type	Average Depth Feet	Maximum Depth Feet	Maximum HGL Feet	Time of Max Occurrence days hr:min	Reported Max Depth Feet
11194	JUNCTION	0.23	2.74	1428.24	0 12:05	2.72
1170	JUNCTION	1.31	8.55	1422.38	0 12:20	8.55
12874	JUNCTION	0.57	3.92	1409.32	0 12:32	3.92
13426	JUNCTION	0.46	5.08	1440.89	0 12:21	5.08
14273	JUNCTION	1.01	11.58	1430.87	0 12:13	11.58
14274	JUNCTION	0.77	7.31	1443.29	0 12:12	7.31
14741	JUNCTION	0.10	0.68	1414.28	0 12:18	0.68
15018	JUNCTION	0.54	5.92	1433.70	0 12:21	5.92
16375	JUNCTION	0.97	9.87	1429.97	0 12:24	9.87
16378	JUNCTION	0.96	10.42	1427.77	0 12:15	10.42
16456	JUNCTION	0.88	7.97	1428.52	0 12:25	7.97
16613	JUNCTION	0.01	0.51	1417.93	0 12:17	0.50
16614	JUNCTION	0.09	0.76	1417.92	0 12:17	0.76
16615	JUNCTION	0.15	1.32	1415.60	0 12:17	1.32
16616	JUNCTION	0.24	2.16	1405.16	0 12:12	2.16
16617	JUNCTION	0.06	0.50	1405.49	0 12:04	0.50
16618	JUNCTION	0.07	0.68	1406.18	0 12:04	0.68
16619	JUNCTION	0.35	3.17	1404.65	0 12:12	3.17
16620	JUNCTION	0.28	3.18	1404.05	0 12:21	3.17
16621	JUNCTION	0.64	4.53	1403.83	0 12:21	4.52
16622	JUNCTION	0.00	0.00	1405.39	0 00:00	0.00
16623	JUNCTION	0.59	3.71	1404.94	0 12:21	3.70
16624	JUNCTION	0.64	3.61	1404.56	0 12:21	3.60
16626	JUNCTION	0.14	1.41	1426.31	0 12:05	1.41
19039	JUNCTION	0.94	10.72	1434.32	0 12:12	10.72
19041	JUNCTION	0.93	10.16	1432.00	0 12:13	10.16
19042	JUNCTION	0.50	9.97	1430.26	0 12:17	9.97
19043	JUNCTION	0.69	10.90	1430.71	0 12:14	10.89
19438	JUNCTION	0.11	6.48	1432.63	0 12:08	6.48
23252	JUNCTION	0.25	2.27	1444.20	0 12:18	2.27
23652	JUNCTION	0.14	1.46	1414.46	0 12:24	1.46
23653	JUNCTION	0.34	1.36	1414.36	0 12:24	1.36
25064	JUNCTION	0.70	3.85	1442.26	0 12:19	3.85
3151	JUNCTION	0.09	0.88	1441.95	0 12:04	0.87
3170	JUNCTION	0.49	3.95	1442.20	0 12:19	3.95
3386	JUNCTION	0.69	7.15	1438.11	0 12:12	7.15
3909	JUNCTION	0.64	7.91	1427.07	0 12:22	7.91
3910	JUNCTION	1.53	10.63	1424.81	0 12:20	10.63
51235	JUNCTION	0.00	0.00	1442.23	0 00:00	0.00
51236	JUNCTION	0.00	0.00	1446.55	0 00:00	0.00
51631	JUNCTION	0.14	1.00	1434.37	0 12:12	1.00
51632	JUNCTION	0.17	1.46	1430.80	0 12:15	1.46
51633	JUNCTION	0.00	0.00	1432.57	0 00:00	0.00
51637	JUNCTION	0.03	2.04	1429.67	0 12:14	1.90
51638	JUNCTION	0.35	5.41	1429.56	0 12:14	5.38
51639	JUNCTION	0.88	6.80	1428.97	0 12:14	6.80
51641	JUNCTION	0.19	4.67	1430.11	0 12:19	4.66
51642	JUNCTION	0.16	4.83	1430.11	0 12:18	4.82
51643	JUNCTION	0.30	7.64	1430.11	0 12:19	7.64
52031	JUNCTION	2.04	7.17	1427.07	0 12:21	7.17
52032	JUNCTION	0.81	4.93	1427.07	0 12:21	4.93
52033	JUNCTION	1.00	5.29	1427.07	0 12:21	5.29
52034	JUNCTION	0.90	5.10	1427.09	0 12:05	5.10
52035	JUNCTION	2.21	7.50	1427.07	0 12:21	7.50
52036	JUNCTION	1.12	5.41	1426.99	0 12:22	5.41
52037	JUNCTION	0.10	6.29	1432.63	0 12:08	6.29
52038	JUNCTION	0.28	7.65	1432.79	0 12:07	7.64
BMP01OUTLET	JUNCTION	0.26	4.42	1421.92	0 12:29	4.42
BMP02OUTLET	JUNCTION	0.88	7.38	1428.28	0 12:11	7.38
D01	JUNCTION	0.34	1.98	1397.98	0 12:25	1.98
D02	JUNCTION	0.80	4.03	1401.58	0 12:25	4.03
D03	JUNCTION	0.96	4.19	1402.59	0 12:25	4.19
D04	JUNCTION	0.58	2.96	1402.60	0 12:25	2.96
D05	JUNCTION	0.67	3.03	1407.07	0 12:26	3.03
D06	JUNCTION	0.58	2.74	1414.50	0 12:25	2.74
J03	JUNCTION	0.04	0.41	1412.31	0 12:05	0.41
J04	JUNCTION	0.11	0.98	1407.98	0 12:10	0.98
J05	JUNCTION	0.13	2.75	1428.45	0 12:05	2.74
J06	JUNCTION	0.09	0.86	1429.24	0 12:04	0.85
J07	JUNCTION	0.20	2.07	1441.13	0 12:04	2.06
J08	JUNCTION	0.00	0.00	1414.93	0 00:00	0.00
J09	JUNCTION	0.00	0.00	1413.96	0 00:00	0.00
J1	JUNCTION	0.00	0.00	1412.25	0 00:00	0.00
J10	JUNCTION	1.22	3.11	1395.11	0 12:27	3.11
J11	JUNCTION	0.32	6.75	1449.33	0 12:12	6.75
J12	JUNCTION	0.06	0.90	1429.94	0 12:20	0.90
J13	JUNCTION	0.05	0.30	1467.07	0 12:07	0.30
J2	JUNCTION	0.13	0.85	1448.34	0 12:13	0.85
J3	JUNCTION	0.01	0.07	1434.72	0 12:14	0.07
J4	JUNCTION	0.10	0.57	1448.07	0 12:18	0.57
J5	JUNCTION	0.24	1.43	1446.60	0 12:11	1.42
J6	JUNCTION	0.07	1.09	1424.17	0 12:19	1.09

J7	JUNCTION	0.77	3.46	1410.09	0	12:26	3.46	
J8	JUNCTION	0.64	3.14	1390.74	0	12:27	3.14	
J9	JUNCTION	4.56	8.51	1395.11	0	12:27	8.51	
RO1	JUNCTION	0.00	0.04	1422.18	0	12:10	0.04	
OF1	OUTFALL	0.64	3.14	1387.14	0	12:27	3.14	
BMP_ALTB	STORAGE	0.40	3.06	1417.06	0	12:46	3.06	
SU1	STORAGE	3.22	7.46	1424.96	0	12:27	7.46	
SU2	STORAGE	3.33	7.32	1428.32	0	12:05	7.31	

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Node Inflow Summary
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Node	Type	Maximum Lateral Inflow CFS	Maximum Total Inflow CFS	Time of Max Occurrence days hr:min		Lateral Inflow Volume 10^6 gal	Total Inflow Volume 10^6 gal	Flow Balance Error Percent	
11194	JUNCTION	9.51	22.42	0	12:05	0.133	0.3	0.027	
1170	JUNCTION	0.00	197.87	0	12:23	0	11.1	0.007	
12874	JUNCTION	0.00	20.66	0	12:52	0	1.69	-0.015	
13426	JUNCTION	0.00	162.84	0	12:13	0	3.47	0.674	
14273	JUNCTION	0.00	238.32	0	12:13	0	6.9	0.147	
14274	JUNCTION	0.00	264.90	0	12:11	0	7.07	0.313	
14741	JUNCTION	0.00	8.36	0	12:17	0	0.213	0.037	
15018	JUNCTION	0.00	100.72	0	12:21	0	3.45	-0.011	
16375	JUNCTION	0.00	100.89	0	12:22	0	4.81	-0.035	
16378	JUNCTION	0.00	147.32	0	12:11	0	6.63	0.049	
16456	JUNCTION	0.00	29.23	0	12:03	0	1.58	0.019	
16613	JUNCTION	0.00	0.03	0	12:10	0	0.000101	0.110	
16614	JUNCTION	0.00	9.03	0	12:14	0	0.215	0.715	
16615	JUNCTION	0.00	8.36	0	12:17	0	0.213	0.012	
16616	JUNCTION	3.23	33.77	0	12:11	0.0604	0.785	0.053	
16617	JUNCTION	0.00	2.92	0	12:04	0	0.0332	-0.005	
16618	JUNCTION	2.91	2.91	0	12:04	0.0332	0.0332	0.012	
16619	JUNCTION	6.68	37.62	0	12:10	0.0965	0.881	0.257	
16620	JUNCTION	0.00	37.43	0	12:11	0	0.879	-0.142	
16621	JUNCTION	0.00	42.28	0	12:20	0	2.63	0.088	
16622	JUNCTION	0.00	0.00	0	00:00	0	0	0.000	gal
16623	JUNCTION	0.00	20.67	0	12:51	0	1.69	0.021	
16624	JUNCTION	4.25	20.97	0	12:49	0.0591	1.75	-0.137	
16626	JUNCTION	4.26	26.40	0	12:05	0.0497	0.349	0.005	
19039	JUNCTION	0.00	239.30	0	12:12	0	6.87	0.127	
19041	JUNCTION	0.00	239.22	0	12:12	0	6.86	-0.055	
19042	JUNCTION	0.00	5.06	0	12:11	0	0.0531	0.012	
19043	JUNCTION	0.00	5.80	0	12:11	0	0.0551	0.043	
19438	JUNCTION	0.00	2.30	0	12:08	0	0.00356	-2.086	
23252	JUNCTION	0.00	74.72	0	12:18	0	2.06	0.225	
23652	JUNCTION	0.00	86.16	0	12:28	0	1.56	0.007	
23653	JUNCTION	0.00	197.87	0	12:23	0	11.1	0.007	
25064	JUNCTION	0.00	33.05	0	12:15	0	1.78	-0.017	
3151	JUNCTION	13.93	13.93	0	12:04	0.166	0.166	0.004	
3170	JUNCTION	0.00	118.41	0	12:17	0	2.85	-0.030	
3386	JUNCTION	0.00	239.30	0	12:12	0	6.86	-0.093	
3909	JUNCTION	0.00	81.56	0	12:09	0	4.59	0.000	
3910	JUNCTION	0.00	197.87	0	12:23	0	11.1	0.053	
51235	JUNCTION	0.00	0.00	0	00:00	0	0	0.000	gal
51236	JUNCTION	0.00	0.00	0	00:00	0	0	0.000	gal
51631	JUNCTION	13.09	13.09	0	12:12	0.278	0.28	-0.258	
51632	JUNCTION	10.10	15.92	0	12:10	0.114	0.394	0.262	
51633	JUNCTION	0.00	0.00	0	00:00	0	0	0.000	gal
51637	JUNCTION	0.00	1.78	0	12:07	0	0.00148	0.159	
51638	JUNCTION	0.00	24.11	0	12:06	0	0.396	0.003	
51639	JUNCTION	9.80	101.18	0	12:14	0.11	0.743	-1.313	
51641	JUNCTION	2.35	2.35	0	12:04	0.0264	0.0277	-0.151	
51642	JUNCTION	0.00	4.59	0	12:13	0	0.0323	0.013	
51643	JUNCTION	0.00	5.49	0	12:12	0	0.0476	0.231	
52031	JUNCTION	0.00	29.11	0	12:14	0	0.585	1.619	
52032	JUNCTION	0.00	19.29	0	12:15	0	0.0967	-0.107	
52033	JUNCTION	0.00	113.30	0	12:05	0	1.02	1.758	
52034	JUNCTION	0.00	113.17	0	12:05	0	0.93	0.595	
52035	JUNCTION	2.52	130.21	0	12:08	0.0281	1.76	-0.819	
52036	JUNCTION	0.00	49.22	0	12:19	0	0.687	-0.001	
52037	JUNCTION	0.00	1.04	0	12:05	0	0.000134	-8.884	
52038	JUNCTION	17.03	17.03	0	12:08	0.274	0.275	0.516	
BMP01OUTLET	JUNCTION	0.00	86.29	0	12:27	0	1.56	0.011	
BMP02OUTLET	JUNCTION	0.00	29.36	0	12:03	0	1.51	0.002	
D01	JUNCTION	2.40	324.09	0	12:25	0.0277	15.7	0.017	
D02	JUNCTION	0.00	323.83	0	12:25	0	15.7	0.010	
D03	JUNCTION	0.00	323.84	0	12:25	0	15.7	0.027	
D04	JUNCTION	1.51	286.21	0	12:26	0.0188	13.1	0.036	
D05	JUNCTION	0.53	283.10	0	12:26	0.00673	12.7	0.079	
D06	JUNCTION	3.06	283.46	0	12:24	0.0358	12.7	0.032	
J03	JUNCTION	0.00	26.41	0	12:05	0	0.349	0.056	
J04	JUNCTION	24.37	24.37	0	12:10	0.479	0.479	0.121	
J05	JUNCTION	0.00	13.85	0	12:04	0	0.166	0.001	
J06	JUNCTION	0.00	13.91	0	12:04	0	0.166	0.004	
J07	JUNCTION	0.00	13.91	0	12:04	0	0.166	0.008	
J08	JUNCTION	0.00	0.00	0	00:00	0	0	0.000	gal
J09	JUNCTION	0.00	0.00	0	00:00	0	0	0.000	gal
J1	JUNCTION	0.00	0.00	0	00:00	0	0	0.000	gal
J10	JUNCTION	0.00	324.09	0	12:25	0	15.7	0.815	
J11	JUNCTION	0.00	41.42	0	12:07	0	0.609	-0.652	
J12	JUNCTION	13.09	120.39	0	12:19	0.15	1.25	0.158	
J13	JUNCTION	41.66	41.66	0	12:07	0.613	0.613	0.681	
J2	JUNCTION	163.06	163.06	0	12:13	3.48	3.48	0.051	
J3	JUNCTION	9.04	9.04	0	12:14	0.215	0.215	0.058	
J4	JUNCTION	74.80	74.80	0	12:18	2.06	2.06	0.019	
J5	JUNCTION	265.34	265.34	0	12:11	5.31	5.31	-0.094	
J6	JUNCTION	0.00	159.92	0	12:16	0	1.42	0.388	
J7	JUNCTION	0.00	283.29	0	12:25	0	12.7	0.240	
J8	JUNCTION	0.00	322.96	0	12:27	0	15	0.053	
J9	JUNCTION	0.00	323.42	0	12:26	0	15.6	3.720	
RO1	JUNCTION	0.00	1.97	0	12:09	0	0.00218	4.238	
OF1	OUTFALL	0.00	322.91	0	12:27	0	15	0.000	
BMP_ALTB	STORAGE	20.83	154.62	0	12:19	0.327	1.74	0.006	
SU1	STORAGE	1.12	96.39	0	12:19	0.0196	1.96	0.712	
SU2	STORAGE	142.30	142.30	0	12:05	2.18	2.33	0.158	

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Node Surcharge Summary
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Surcharging occurs when water rises above the top of the highest conduit.

Node	Type	Hours Surcharged	Max. Height Above Crown Feet	Min. Depth Below Rim Feet
1170	JUNCTION	0.81	3.554	3.646
3910	JUNCTION	0.87	5.631	5.569
52037	JUNCTION	0.27	5.040	0.310
J05	JUNCTION	0.08	0.748	1.162
J07	JUNCTION	0.02	0.031	2.033

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Node Flooding Summary
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No nodes were flooded.

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Storage Volume Summary
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Storage Unit	Average Volume 1000 ft3	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 ft3	Max Pcnt Full	Time of Max Occurrence days hr:min		Maximum Outflow CFS
BMP_ALTB	19.491	5	0	0	154.668	39	0	12:46	20.66
SU1	29.282	27	0	0	80.907	75	0	12:27	86.29
SU2	10.929	26	0	0	36.115	85	0	12:05	140.47

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Outfall Loading Summary
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Outfall Node	Flow Freq Pcnt	Avg Flow CFS	Max Flow CFS	Total Volume 10^6 gal
OF1	53.11	59.51	322.91	15.009
System	53.11	59.51	322.91	15.009

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Link Flow Summary
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Link	Type	Maximum |Flow| CFS	Time of Max Occurrence days hr:min		Maximum |Veloc| ft/sec	Max/ Full Flow	Max/ Full Depth
26126	CONDUIT	324.09	0	12:25	12.75	0.26	0.42
29037	CONDUIT	5.06	0	12:11	4.12	1.03	1.00
29038	CONDUIT	5.80	0	12:11	4.72	0.76	1.00
29039	CONDUIT	38.76	0	12:51	9.75	0.80	1.00
29040	CONDUIT	101.43	0	12:06	14.36	0.98	1.00
30304	CONDUIT	103.49	0	12:09	14.64	0.85	1.00
30306_1	CONDUIT	128.06	0	12:10	13.31	1.10	1.00
30306_2	CONDUIT	129.81	0	12:10	13.49	1.09	1.00
33414	CONDUIT	81.56	0	12:09	11.54	0.92	1.00
33415	CONDUIT	81.03	0	12:09	11.46	0.47	1.00
33421	CONDUIT	125.10	0	12:13	7.87	0.78	1.00
33422	CONDUIT	147.32	0	12:11	9.26	1.05	1.00
33570	CONDUIT	29.03	0	12:03	9.24	1.42	1.00
33571	CONDUIT	29.23	0	12:03	9.30	1.22	1.00
34005	CONDUIT	0.03	0	12:10	0.15	0.01	0.51
34006	CONDUIT	8.36	0	12:17	6.70	0.71	0.66
34007	CONDUIT	8.36	0	12:17	7.89	0.46	0.81

34008	CONDUIT	24.26	0	12:10	8.50	0.21	0.62
34009	CONDUIT	8.36	0	12:18	6.64	0.42	0.73
34010	CONDUIT	2.90	0	12:04	3.61	0.34	0.70
34011	CONDUIT	2.92	0	12:04	5.13	0.43	0.47
34012	CONDUIT	33.35	0	12:12	5.29	0.51	0.86
34013	CONDUIT	37.43	0	12:11	5.99	0.76	0.98
34014	CONDUIT	42.17	0	12:20	5.97	0.85	1.00
34015	CONDUIT	37.33	0	12:11	5.35	0.28	1.00
34016	CONDUIT	20.67	0	12:51	11.70	0.89	1.00
34017	CONDUIT	0.00	0	00:00	0.00	0.00	0.50
34018	CONDUIT	21.00	0	12:47	4.92	1.19	1.00
34019	CONDUIT	20.68	0	12:51	4.22	0.72	1.00
34026	CONDUIT	13.91	0	12:04	4.96	0.87	0.84
34027	CONDUIT	22.41	0	12:05	7.40	1.42	0.92
34028	CONDUIT	26.41	0	12:05	19.11	0.35	0.46
34066	CONDUIT	197.87	0	12:23	10.08	1.73	1.00
76613	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
77008	CONDUIT	13.07	0	12:13	7.84	0.46	0.57
77010	CONDUIT	24.96	0	12:52	8.14	1.75	1.00
77012	CONDUIT	33.05	0	12:15	10.52	0.27	1.00
77013	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
77014	CONDUIT	16.22	0	12:06	8.49	0.55	0.87
77409	CONDUIT	0.00	0	00:00	0.00	0.00	0.30
77808	CONDUIT	1.78	0	12:07	1.90	0.10	1.00
77809	CONDUIT	2.36	0	12:04	4.22	0.54	1.00
77810	CONDUIT	2.53	0	12:31	7.22	0.18	1.00
77811	CONDUIT	4.76	0	12:11	3.88	0.34	1.00
77812	CONDUIT	16.89	0	12:07	5.11	0.55	1.00
77814	CONDUIT	29.11	0	12:14	5.93	0.85	1.00
78208	CONDUIT	21.45	0	12:45	4.37	0.74	1.00
78209	CONDUIT	71.19	0	12:08	14.50	1.34	1.00
78210	CONDUIT	5.31	0	12:03	4.33	1.09	1.00
78211	CONDUIT	11.05	0	12:03	9.00	3.82	1.00
78212	CONDUIT	11.69	0	12:04	9.52	1.84	1.00
78213	CONDUIT	86.16	0	12:28	15.40	0.59	0.74
78214	CONDUIT	197.87	0	12:23	15.05	0.57	0.64
78215	CONDUIT	1.04	0	12:05	0.86	0.13	1.00
78216	CONDUIT	2.30	0	12:08	1.87	0.29	1.00
78217	CONDUIT	11.91	0	12:45	4.30	0.25	1.00
78218	CONDUIT	15.02	0	12:08	8.50	1.18	1.00
86624_1	CONDUIT	13.85	0	12:04	5.77	0.27	0.71
86624_2	CONDUIT	13.81	0	12:04	4.40	0.27	1.00
86628	CONDUIT	13.91	0	12:04	5.75	0.25	0.72
C1	CHANNEL	0.00	0	00:00	0.00	0.00	0.01
C10	CHANNEL	197.93	0	12:22	4.65	0.01	0.19
C11	CHANNEL	0.00	0	00:00	0.00	0.00	0.03
C12	CONDUIT	0.00	0	00:00	0.00	0.00	0.21
C13	CONDUIT	24.79	0	12:11	10.30	1.09	1.00
C13_1	CHANNEL	0.00	0	00:00	0.00	0.00	0.02
C13_2	CHANNEL	1.20	0	12:10	0.42	0.04	0.61
C14	CHANNEL	26.26	0	12:15	0.84	0.01	0.27
C15	CHANNEL	109.08	0	12:05	3.55	0.03	0.21
C16	CONDUIT	0.63	0	12:19	0.11	0.00	0.29
C17	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C18	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C19	CONDUIT	41.56	0	12:18	5.05	0.11	0.41
C2	CHANNEL	0.00	0	00:00	0.00	0.00	0.50
C20	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C21	CHANNEL	0.00	0	00:00	0.00	0.00	0.50
C21_1	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C21_2	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C22	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C22_1	CHANNEL	119.91	0	12:20	4.86	0.00	0.03
C23	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C24	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C25	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C25_1	CHANNEL	115.78	0	12:19	4.11	0.01	0.11
C26	CHANNEL	16.04	0	12:16	1.04	0.23	0.94
C27	CHANNEL	111.27	0	12:06	1.63	0.00	0.07
C28	CHANNEL	28.92	0	12:20	1.59	0.30	0.75
C29	CONDUIT	28.30	0	12:19	3.17	0.35	0.55
C3	CONDUIT	19.67	0	12:05	1.86	0.01	0.57
C30	CHANNEL	1.97	0	12:09	6.16	0.02	0.15
C31	CHANNEL	9.90	0	12:25	0.56	0.01	0.20
C32	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C33	CONDUIT	48.23	0	12:21	5.67	0.30	0.85
C34	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C35	CHANNEL	19.29	0	12:15	1.26	0.00	0.07
C35_1	CHANNEL	70.00	0	12:14	3.57	0.02	0.24
C35_2	CHANNEL	148.30	0	12:19	2.75	0.01	0.08
C36	CONDUIT	78.43	0	12:40	11.10	0.73	1.00
C37	CHANNEL	9.03	0	12:14	0.86	0.00	0.01
C38	CHANNEL	162.84	0	12:13	2.07	0.00	0.16
C39	CHANNEL	35.81	0	12:22	3.47	0.00	0.01
C4	CHANNEL	323.42	0	12:26	>50.00	0.00	0.20
C40	CHANNEL	74.72	0	12:18	1.72	0.16	0.71
C41	CONDUIT	152.64	0	12:12	8.94	0.66	0.85
C42	CONDUIT	167.61	0	12:12	9.00	0.06	0.19
C43	CONDUIT	140.23	0	12:12	8.48	0.22	0.42
C44	CONDUIT	0.00	0	00:00	0.00	0.00	0.05
C45	CHANNEL	264.90	0	12:11	2.31	0.00	0.33
C46	CONDUIT	170.08	0	12:13	6.47	0.25	0.44
C47	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C48	CONDUIT	1.54	0	12:25	0.40	0.03	0.60
C49	CONDUIT	3.79	0	12:14	0.32	0.01	0.81
C5	CONDUIT	100.72	0	12:21	14.99	0.91	1.00
C50	CONDUIT	1.65	0	12:14	0.19	0.01	0.43
C51	CONDUIT	2.75	0	12:19	0.54	0.02	0.25
C52	CHANNEL	41.42	0	12:07	5.65	0.00	0.08
C54	CONDUIT	20.66	0	12:52	13.34	0.81	1.00
C6	CONDUIT	26.36	0	12:05	3.73	0.23	0.71
C7	CHANNEL	322.91	0	12:27	5.20	0.01	0.14
C8	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C9	CHANNEL	86.42	0	12:27	1.82	0.01	0.25
C999	CONDUIT	86.51	0	12:13	3.38	0.22	0.47
DT01	CHANNEL	323.82	0	12:25	9.12	0.00	0.07
DT02	CHANNEL	323.83	0	12:25	8.18	0.00	0.07
DT03	CHANNEL	286.38	0	12:26	4.60	0.00	0.06
DT04	CHANNEL	283.00	0	12:26	8.04	0.00	0.05
DT05_1	CHANNEL	283.27	0	12:25	7.88	0.00	0.05
DT05_2	CHANNEL	283.03	0	12:26	7.34	0.00	0.05
OR1	ORIFICE	3.79	0	12:00			1.00
OR2	ORIFICE	27.68	0	12:01			
OR3	ORIFICE	0.61	0	12:12			1.00
OR4	ORIFICE	85.83	0	12:27			
OR5	ORIFICE	322.96	0	12:27			
BMP4_CREST	WEIR	0.00	0	00:00			0.00
BMP4_ES	WEIR	0.00	0	00:00			0.00
W1	WEIR	113.17	0	12:05			0.32
W2	WEIR	0.00	0	00:00			0.00

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Flow Classification Summary
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	Adjusted	Fraction of Time in Flow Class									
Conduit	/Actual Length	Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl
26126	1.00	0.04	0.00	0.00	0.87	0.09	0.00	0.00	0.81	0.00
29037	1.00	0.24	0.00	0.00	0.59	0.00	0.00	0.17	0.39	0.00
29038	1.00	0.08	0.17	0.00	0.67	0.08	0.00	0.00	0.06	0.00
29039	1.00	0.00	0.03	0.00	0.36	0.61	0.00	0.00	0.50	0.00
29040	1.00	0.00	0.00	0.00	0.35	0.64	0.00	0.00	0.00	0.00
30304	1.00	0.07	0.00	0.00	0.29	0.63	0.00	0.00	0.66	0.00
30306_1	1.00	0.07	0.00	0.00	0.06	0.20	0.00	0.66	0.00	0.00
30306_2	1.00	0.07	0.00	0.00	0.06	0.00	0.00	0.87	0.00	0.00
33414	1.00	0.23	0.00	0.00	0.06	0.00	0.00	0.70	0.00	0.00
33415	1.00	0.08	0.16	0.00	0.59	0.18	0.00	0.00	0.63	0.00
33421	1.00	0.08	0.05	0.00	0.88	0.00	0.00	0.00	0.79	0.00
33422	1.00	0.07	0.00	0.00	0.33	0.60	0.00	0.00	0.05	0.00
33570	1.00	0.23	0.00	0.00	0.55	0.08	0.00	0.13	0.00	0.00
33571	1.00	0.23	0.00	0.00	0.36	0.22	0.00	0.19	0.00	0.00
34005	1.00	0.38	0.54	0.00	0.09	0.00	0.00	0.00	0.47	0.00
34006	1.00	0.39	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00
34007	1.00	0.38	0.00	0.00	0.02	0.61	0.00	0.00	0.51	0.00
34008	1.00	0.02	0.29	0.00	0.13	0.56	0.00	0.00	0.80	0.00
34009	1.00	0.09	0.31	0.00	0.30	0.30	0.00	0.00	0.54	0.00
34010	1.00	0.09	0.00	0.00	0.56	0.35	0.00	0.00	0.54	0.00
34011	1.00	0.08	0.00	0.00	0.03	0.89	0.00	0.00	0.00	0.00
34012	1.00	0.09	0.00	0.00	0.45	0.46	0.00	0.00	0.75	0.00
34013	1.00	0.09	0.00	0.00	0.07	0.00	0.00	0.85	0.00	0.00
34014	1.00	0.04	0.05	0.00	0.91	0.00	0.00	0.00	0.67	0.00
34015	1.00	0.09	0.00	0.00	0.21	0.36	0.00	0.34	0.31	0.00
34016	1.00	0.42	0.00	0.00	0.14	0.02	0.00	0.42	0.00	0.00
34017	1.00	0.83	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34018	1.00	0.19	0.00	0.00	0.06	0.00	0.00	0.75	0.00	0.00
34019	1.00	0.32	0.10	0.00	0.58	0.00	0.00	0.00	0.02	0.00
34026	1.00	0.03	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00
34027	1.00	0.03	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00
34028	1.00	0.03	0.00	0.00	0.00	0.97	0.00	0.00	0.00	0.00
34066	1.00	0.08	0.00	0.00	0.92	0.00	0.00	0.00	0.00	0.00
76613	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
77008	1.00	0.06	0.00	0.00	0.00	0.04	0.00	0.90	0.01	0.00
77010	1.00	0.34	0.03	0.00	0.07	0.00	0.00	0.55	0.01	0.00
77012	1.00	0.04	0.00	0.00	0.39	0.57	0.00	0.00	0.41	0.00
77013	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
77014	1.00	0.12	0.00	0.00	0.05	0.01	0.00	0.81	0.02	0.00
77409	1.00	0.40	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
77808	1.00	0.32	0.62	0.00	0.05	0.00	0.00	0.00	0.48	0.00
77809	1.00	0.24	0.00	0.00	0.09	0.68	0.00	0.00	0.00	0.00
77810	1.00	0.24	0.00	0.00	0.05	0.00	0.00	0.71	0.01	0.00
77811	1.00	0.24	0.00	0.00	0.13	0.02	0.00	0.61	0.07	0.00
77812	1.00	0.12	0.00	0.00	0.53	0.00	0.00	0.34	0.47	0.00
77814	1.00	0.13	0.00	0.00	0.82	0.06	0.00	0.00	0.27	0.00
78208	1.00	0.13	0.00	0.00	0.55	0.00	0.00	0.32	0.00	0.00
78209	1.00	0.13	0.00	0.00	0.52	0.00	0.00	0.35	0.00	0.00
78210	1.00	0.47	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.00
78211	1.00	0.47	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.00
78212	1.00	0.47	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.00
78213	1.00	0.15	0.00	0.00	0.03	0.82	0.00	0.00	0.01	0.00
78214	1.00	0.08	0.05	0.00	0.11	0.76	0.00	0.00	0.15	0.00
78215	1.00	0.47	0.00	0.00	0.53	0.00	0.00	0.00	0.47	0.00
78216	1.00	0.31	0.61	0.00	0.08	0.00	0.00	0.00	0.47	0.00
78217	1.00	0.20	0.00	0.00	0.53	0.09	0.00	0.18	0.03	0.00
78218	1.00	0.20	0.00	0.00	0.52	0.00	0.00	0.28	0.47	0.00
86624_1	1.00	0.03	0.00	0.00	0.01	0.95	0.00	0.00	0.29	0.00
86624_2	1.00	0.03	0.00	0.00	0.58	0.39	0.00	0.00	0.47	0.00

86628	1.00	0.03	0.00	0.00	0.01	0.89	0.00	0.07	0.78	0.00
C1	1.00	0.31	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C10	1.00	0.08	0.00	0.00	0.92	0.00	0.00	0.00	0.72	0.00
C11	1.00	0.48	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C12	1.00	0.03	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C13	1.00	0.02	0.00	0.00	0.80	0.18	0.00	0.00	0.55	0.00
C13_1	1.00	0.48	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C13_2	1.00	0.09	0.39	0.00	0.52	0.00	0.00	0.00	0.49	0.00
C14	1.00	0.95	0.00	0.00	0.05	0.00	0.00	0.00	0.47	0.00
C15	1.00	0.94	0.00	0.00	0.05	0.00	0.00	0.01	0.00	0.00
C16	1.00	0.94	0.04	0.00	0.00	0.00	0.01	0.00	0.00	0.00
C17	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C18	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C19	1.00	0.94	0.02	0.00	0.02	0.02	0.00	0.00	0.49	0.00
C2	1.00	0.24	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C20	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C21	1.00	0.09	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C21_1	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C21_2	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C22	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C22_1	1.00	0.32	0.00	0.00	0.00	0.00	0.00	0.68	0.00	0.00
C23	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C24	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C25	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C25_1	1.00	0.94	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00
C26	1.00	0.94	0.00	0.00	0.05	0.00	0.00	0.00	0.47	0.00
C27	1.00	0.95	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00
C28	1.00	0.95	0.00	0.00	0.05	0.00	0.00	0.00	0.47	0.00
C29	1.00	0.94	0.00	0.00	0.04	0.00	0.00	0.02	0.00	0.00
C3	1.00	0.04	0.91	0.00	0.04	0.00	0.01	0.00	0.01	0.00
C30	1.00	0.48	0.52	0.00	0.00	0.01	0.00	0.00	0.49	0.00
C31	1.00	0.95	0.02	0.00	0.03	0.00	0.00	0.00	0.49	0.00
C32	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C33	1.00	0.14	0.81	0.00	0.03	0.02	0.00	0.00	0.48	0.00
C34	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C35	1.00	0.95	0.04	0.00	0.02	0.00	0.00	0.00	0.49	0.00
C35_1	1.00	0.31	0.68	0.00	0.01	0.00	0.00	0.00	0.49	0.00
C35_2	1.00	0.31	0.00	0.00	0.00	0.00	0.00	0.69	0.00	0.00
C36	1.00	0.25	0.03	0.00	0.10	0.63	0.00	0.00	0.61	0.00
C37	1.00	0.38	0.01	0.00	0.60	0.02	0.00	0.00	0.54	0.00
C38	1.00	0.00	0.26	0.00	0.72	0.02	0.00	0.00	0.61	0.00
C39	1.00	0.96	0.00	0.00	0.00	0.01	0.00	0.03	0.00	0.00
C4	1.00	0.05	0.00	0.00	0.89	0.05	0.00	0.00	0.29	0.00
C40	1.00	0.02	0.00	0.00	0.97	0.01	0.00	0.00	0.68	0.00
C41	1.00	0.97	0.00	0.00	0.00	0.02	0.00	0.00	0.49	0.00
C42	1.00	0.97	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
C43	1.00	0.98	0.00	0.00	0.00	0.02	0.00	0.00	0.49	0.00
C44	1.00	0.99	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C45	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.80	0.00
C46	1.00	0.98	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
C47	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C48	1.00	0.98	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
C49	1.00	0.97	0.01	0.00	0.02	0.00	0.00	0.00	0.48	0.00
C5	1.00	0.00	0.00	0.00	0.03	0.01	0.00	0.95	0.00	0.00
C50	1.00	0.98	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C51	1.00	0.96	0.02	0.00	0.01	0.00	0.00	0.00	0.49	0.00
C52	1.00	0.27	0.00	0.00	0.02	0.00	0.00	0.71	0.01	0.00
C54	1.00	0.41	0.00	0.00	0.11	0.02	0.00	0.46	0.00	0.00
C6	1.00	0.03	0.00	0.00	0.96	0.00	0.00	0.00	0.88	0.00
C7	1.00	0.47	0.00	0.00	0.53	0.00	0.00	0.00	0.20	0.00
C8	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C9	1.00	0.09	0.07	0.00	0.84	0.00	0.00	0.00	0.64	0.00
C999	1.00	0.98	0.00	0.00	0.02	0.00	0.00	0.00	0.49	0.00
DT01	1.00	0.05	0.00	0.00	0.00	0.00	0.00	0.95	0.00	0.00
DT02	1.00	0.04	0.00	0.00	0.91	0.06	0.00	0.00	0.06	0.00
DT03	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.83	0.00
DT04	1.00	0.03	0.20	0.00	0.16	0.61	0.00	0.00	0.04	0.00
DT05_1	1.00	0.09	0.00	0.00	0.89	0.02	0.00	0.00	0.64	0.00
DT05_2	1.00	0.09	0.00	0.00	0.91	0.00	0.00	0.00	0.00	0.00

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Conduit Surcharge Summary
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Conduit	Hours Both Ends	Hours Full Upstream	Hours Full Dnstream	Hours Above Full Normal Flow	Hours Capacity Limited
29037	0.93	0.93	1.23	0.01	0.07
29038	1.25	1.25	2.48	0.01	0.01
29039	0.81	0.81	0.83	0.01	0.10
29040	0.68	0.74	0.68	0.01	0.64
30304	0.68	0.68	0.80	0.01	0.01
30306_1	0.73	0.76	0.73	0.01	0.73
30306_2	0.71	0.74	0.71	0.02	0.52
33414	0.73	0.82	0.73	0.01	0.73
33415	0.74	0.74	1.36	0.01	0.01
33421	0.78	0.78	0.92	0.01	0.01
33422	0.71	0.71	0.78	0.10	0.25
33570	0.93	0.96	0.93	0.41	0.37
33571	0.94	0.97	0.94	0.14	0.38
34007	0.01	0.01	0.12	0.01	0.01
34009	0.01	0.01	0.19	0.01	0.01
34010	0.01	0.01	0.30	0.01	0.01
34012	0.01	0.01	0.09	0.01	0.01
34013	0.01	0.09	0.06	0.01	0.01
34014	0.78	0.78	0.88	0.01	0.35
34015	0.11	0.11	0.74	0.01	0.01
34016	2.10	2.25	2.13	0.01	2.10
34018	0.33	1.00	0.40	2.22	0.30
34019	0.54	2.13	0.55	0.01	0.52
34026	0.01	0.03	0.01	0.01	0.01
34027	0.01	0.09	0.01	0.09	0.01
34066	0.81	0.87	0.81	0.88	0.81
77010	0.82	1.12	0.82	0.27	0.57
77012	0.45	0.45	1.12	0.01	0.01
77014	0.01	0.01	0.64	0.01	0.01
77808	0.14	0.14	0.66	0.01	0.01
77809	0.36	0.36	0.36	0.01	0.01
77810	0.36	0.36	0.55	0.01	0.01
77811	0.72	0.72	0.88	0.01	0.01
77812	0.54	0.54	0.71	0.01	0.01
77814	0.71	0.71	11.93	0.01	0.01
78208	11.93	11.93	11.93	0.01	0.01
78209	11.91	11.93	11.91	0.17	0.68
78210	1.68	1.68	11.94	0.01	0.01
78211	11.90	11.90	11.95	0.14	0.20
78212	11.94	11.94	11.94	0.10	0.10
78213	0.01	0.26	0.01	0.01	0.01
78214	0.01	0.81	0.01	0.01	0.01
78215	0.27	0.27	0.31	0.01	0.01
78216	0.31	0.31	0.62	0.01	0.01
78217	0.98	0.98	11.94	0.01	0.01
78218	0.54	0.54	11.92	0.11	0.14
86624_1	0.01	0.01	0.08	0.01	0.01
86624_2	0.08	0.08	0.09	0.01	0.03
86628	0.01	0.01	0.02	0.01	0.01
C13	0.34	0.34	0.83	0.31	0.33
C13_2	0.01	0.01	11.87	0.01	0.01
C26	0.01	0.01	0.33	0.01	0.01
C3	0.01	0.01	11.95	0.01	0.01
C33	0.01	0.01	11.91	0.01	0.01
C36	0.57	0.57	0.81	0.01	0.01
C40	0.01	0.01	0.73	0.01	0.01
C49	0.01	0.01	11.78	0.01	0.01
C5	0.42	0.42	0.54	0.01	0.31
C54	1.81	1.81	2.22	0.01	0.01
C6	0.01	0.01	2.12	0.01	0.01

Analysis begun on: Tue Jun 15 13:10:08 2021
Analysis ended on: Tue Jun 15 13:10:13 2021
Total elapsed time: 00:00:05

Analysis begun on: Tue Jun 15 13:10:08 2021
Analysis ended on: Tue Jun 15 13:10:13 2021
Total elapsed time: 00:00:05

ALTERNATIVE C 10-YEAR SWMM OUTPUTS

ALTERNATIVE RUNOFF METHOD (ARM) - PCSWMM VERSION 7.4.3202

This is a new version of ARM - your feedback and suggestions are solicited.
Create a ticket, post on the PCSWMM feature request forum, or email us directly!

Simulation start time: 03/08/2021 00:00:00
Simulation end time: 03/09/2021 00:00:00
Runoff wet weather time steps: 60 seconds
Report time steps: 60 seconds
Number of data points: 1441

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Unit Hydrographs Runoff Method
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Subcatchment	Peak UH Flow Runoff Method (CFS/in)	UH Depth (in)	Raingage	Area (ac)	Time of Concentration (min)	Time to Peak (min)	Time after Peak (min)
DA-2	Dimensionless UH (483.4)		10YR	10.306	8.89	5.83	23.69
	80.08214	0.992					
DA-5	Dimensionless UH (483.4)		10YR	4.523	10.88	7.03	29
	29.1707	0.996					
DA-6	Dimensionless UH (483.4)		10YR	66.259	17.6	11.06	46.92
	271.51338	1.001					
DA-1A	Dimensionless UH (483.4)		10YR	0.49	5	3.5	13.33
	6.34462	0.994					
DA-1B	Dimensionless UH (483.4)		10YR	0.822	9.21	6.03	24.55
	6.18188	0.993					
DA-4	Dimensionless UH (483.4)		10YR	1.823	5	3.5	13.33
	23.60459	0.994					
DA-4A	Dimensionless UH (483.4)		10YR	3.454	7.7	5.12	20.53
	30.57245	0.991					
DA-4B	Dimensionless UH (483.4)		10YR	0.578	5	3.5	13.33
	7.48407	0.994					
DA-8	Dimensionless UH (483.4)		10YR	0.946	5	3.5	13.33
	12.24901	0.994					
DA-8C	Dimensionless UH (483.4)		10YR	0.685	5	3.5	13.33
	8.86953	0.994					
DA-2A	Dimensionless UH (483.4)		10YR	0.959	8.15	5.39	21.74
	8.05872	0.992					
DA-8A	Dimensionless UH (483.4)		10YR	0.259	5	3.5	13.33
	3.35359	0.994					
DA-8B	Dimensionless UH (483.4)		10YR	0.675	5	3.5	13.33
	8.74004	0.994					
DA-3A	Dimensionless UH (483.4)		10YR	6.017	19.37	12.12	51.64
	22.49488	1.001					
DA-3D	Dimensionless UH (483.4)		10YR	0.422	5	3.5	13.33
	5.46415	0.994					
DA-3B	Dimensionless UH (483.4)		10YR	0.823	14.27	9.06	38.05
	4.11552	0.998					
DA-3	Dimensionless UH (483.4)		10YR	16.963	12.69	8.12	33.84
	94.72865	0.998					
DA-3C	Dimensionless UH (483.4)		10YR	0.762	7.16	4.8	19.09
	7.20125	0.991					
DA-3E	Dimensionless UH (483.4)		10YR	1.984	8.71	5.73	23.23
	15.69755	0.992					
DA-7A	Dimensionless UH (483.4)		10YR	3.578	5	3.5	13.33
	46.32871	0.994					
DA-7C	Dimensionless UH (483.4)		10YR	30.176	10.48	6.79	27.93
	201.5354	0.995					
DA-7B	Dimensionless UH (483.4)		10YR	10.638	5	3.5	13.33
	137.7431	0.994					
DA-1E	Dimensionless UH (483.4)		10YR	127.361	15.23	9.64	40.61
	598.78842	1					
DA-1C_2	Dimensionless UH (483.4)		10YR	6.76	16.8	10.58	44.79
	28.95603	1.001					
DA-1C_4	Dimensionless UH (483.4)		10YR	1.582	5	3.5	13.33
	20.48407	0.994					
DA-1C_1	Dimensionless UH (483.4)		10YR	1.969	5	3.5	13.33
	25.49503	0.994					
DA-1C_5	Dimensionless UH (483.4)		10YR	0.477	5	3.5	13.33
	6.1763	0.994					
DA-1D_1	Dimensionless UH (483.4)		10YR	53.971	24.9	15.44	66.37
	158.43773	1.001					
DA-1D_2	Dimensionless UH (483.4)		10YR	3.469	5	3.5	13.33
	44.91736	0.994					
DA-1D_3	Dimensionless UH (483.4)		10YR	12.776	9.02	5.91	24.05
	97.91523	0.993					

****
ARM Runoff Summary
****

Subcatchment	Total Precip (in)	Total Losses (in)	Total Runoff (in)	Total Runoff 10^6 gal	Peak Runoff CFS	Runoff Coeff (fraction)
DA-2	3.87	2.699	1.168	0.327	20.83	0.302
DA-5	3.87	1.637	2.229	0.274	17.034	0.576
DA-6	3.87	1.931	1.932	3.476	163.061	0.499
DA-1A	3.87	1.752	2.115	0.028	2.517	0.546
DA-1B	3.87	2.987	0.88	0.02	1.117	0.227
DA-4	3.87	0.507	3.359	0.166	13.929	0.868
DA-4A	3.87	2.444	1.423	0.133	9.506	0.368
DA-4B	3.87	0.699	3.167	0.05	4.259	0.818
DA-8	3.87	2.474	1.393	0.036	3.062	0.36
DA-8C	3.87	2.376	1.491	0.028	2.396	0.385
DA-2A	3.87	1.6	2.268	0.059	4.253	0.586
DA-8A	3.87	2.911	0.957	0.007	0.526	0.247
DA-8B	3.87	2.841	1.027	0.019	1.506	0.265
DA-3A	3.87	2.548	1.315	0.215	9.042	0.34
DA-3D	3.87	0.971	2.896	0.033	2.91	0.748
DA-3B	3.87	2.271	1.595	0.036	1.858	0.412
DA-3	3.87	2.827	1.039	0.479	24.374	0.269
DA-3C	3.87	2.67	1.197	0.025	1.771	0.309
DA-3E	3.87	2.075	1.793	0.097	6.683	0.463
DA-7A	3.87	1.031	2.836	0.276	24.25	0.733
DA-7C	3.87	2.533	1.333	1.092	65.817	0.344
DA-7B	3.87	1.066	2.799	0.809	71.351	0.723
DA-1E	3.87	2.328	1.535	5.308	265.347	0.397
DA-1C_2	3.87	2.348	1.515	0.278	13.086	0.391
DA-1C_4	3.87	1.22	2.647	0.114	10.103	0.684
DA-1C_1	3.87	1.816	2.051	0.11	9.796	0.53
DA-1C_5	3.87	1.832	2.035	0.026	2.353	0.526
DA-1D_1	3.87	2.458	1.403	2.056	74.806	0.363
DA-1D_2	3.87	2.271	1.596	0.15	13.093	0.412
DA-1D_3	3.87	2.098	1.767	0.613	41.668	0.457

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.1 (Build 5.1.015)

SMALL PRIVATE AND PUBLIC BMP FOOTPRINT

```
WARNING 04: minimum elevation drop used for Conduit C20
WARNING 03: negative offset ignored for Link C37
WARNING 03: negative offset ignored for Link C40
WARNING 03: negative offset ignored for Link C55
WARNING 02: maximum depth increased for Node 11194
WARNING 02: maximum depth increased for Node 12874
WARNING 02: maximum depth increased for Node 13426
WARNING 02: maximum depth increased for Node 14273
WARNING 02: maximum depth increased for Node 14274
WARNING 02: maximum depth increased for Node 15018
WARNING 02: maximum depth increased for Node 16375
WARNING 02: maximum depth increased for Node 16378
WARNING 02: maximum depth increased for Node 16456
WARNING 02: maximum depth increased for Node 16614
WARNING 02: maximum depth increased for Node 16616
WARNING 02: maximum depth increased for Node 16617
WARNING 02: maximum depth increased for Node 16618
WARNING 02: maximum depth increased for Node 16619
WARNING 02: maximum depth increased for Node 16620
WARNING 02: maximum depth increased for Node 16621
WARNING 02: maximum depth increased for Node 16622
WARNING 02: maximum depth increased for Node 16623
WARNING 02: maximum depth increased for Node 16624
WARNING 02: maximum depth increased for Node 19039
WARNING 02: maximum depth increased for Node 19041
WARNING 02: maximum depth increased for Node 19042
WARNING 02: maximum depth increased for Node 19043
WARNING 02: maximum depth increased for Node 19438
WARNING 02: maximum depth increased for Node 23252
WARNING 02: maximum depth increased for Node 23652
WARNING 02: maximum depth increased for Node 23653
WARNING 02: maximum depth increased for Node 25064
WARNING 02: maximum depth increased for Node 3170
WARNING 02: maximum depth increased for Node 3386
WARNING 02: maximum depth increased for Node 3909
WARNING 02: maximum depth increased for Node 51631
WARNING 02: maximum depth increased for Node 51632
WARNING 02: maximum depth increased for Node 51633
WARNING 02: maximum depth increased for Node 51637
WARNING 02: maximum depth increased for Node 51638
WARNING 02: maximum depth increased for Node 51639
WARNING 02: maximum depth increased for Node 51641
WARNING 02: maximum depth increased for Node 51642
WARNING 02: maximum depth increased for Node 51643
WARNING 02: maximum depth increased for Node 52031
WARNING 02: maximum depth increased for Node 52032
WARNING 02: maximum depth increased for Node 52033
WARNING 02: maximum depth increased for Node 52034
WARNING 02: maximum depth increased for Node 52035
WARNING 02: maximum depth increased for Node 52036
WARNING 02: maximum depth increased for Node 52038
WARNING 02: maximum depth increased for Node BMP02OUTLET
WARNING 02: maximum depth increased for Node D01
WARNING 02: maximum depth increased for Node D02
WARNING 02: maximum depth increased for Node D03
WARNING 02: maximum depth increased for Node J04
WARNING 02: maximum depth increased for Node J10
WARNING 02: maximum depth increased for Node J11
WARNING 02: maximum depth increased for Node J9
```

****
Element Count
****
Number of rain gages 4
Number of subcatchments ... 0
Number of nodes 91
Number of links 140
Number of pollutants 0
Number of land uses 0

****
Raingage Summary
****

Name	Data Source	Data Type	Recording Interval
100YR	100YR	CUMULATIVE	1 min.
10YR	10YR	CUMULATIVE	1 min.
25YR	25YR	CUMULATIVE	1 min.
2YR	2YR	CUMULATIVE	1 min.

****
Node Summary
****

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
11194	JUNCTION	1425.50	4.40	0.0	
1170	JUNCTION	1413.83	12.20	0.0	
12874	JUNCTION	1405.40	37.27	0.0	
13426	JUNCTION	1435.81	18.24	0.0	
14273	JUNCTION	1419.29	12.77	0.0	
14274	JUNCTION	1435.98	13.37	0.0	
14741	JUNCTION	1413.60	8.00	0.0	
15018	JUNCTION	1427.78	40.70	0.0	
16375	JUNCTION	1420.10	44.64	0.0	
16378	JUNCTION	1417.35	19.04	0.0	
16456	JUNCTION	1420.55	10.01	0.0	
16613	JUNCTION	1417.42	3.98	0.0	
16614	JUNCTION	1417.16	37.23	0.0	
16615	JUNCTION	1414.28	11.58	0.0	
16616	JUNCTION	1403.00	45.26	0.0	
16617	JUNCTION	1404.99	43.31	0.0	
16618	JUNCTION	1405.50	50.70	0.0	
16619	JUNCTION	1401.48	41.66	0.0	
16620	JUNCTION	1400.87	10.44	0.0	
16621	JUNCTION	1399.30	41.69	0.0	
16622	JUNCTION	1405.39	8.00	0.0	
16623	JUNCTION	1401.23	11.56	0.0	
16624	JUNCTION	1400.95	40.54	0.0	
16626	JUNCTION	1424.90	6.40	0.0	
19039	JUNCTION	1423.60	14.92	0.0	
19041	JUNCTION	1421.84	11.28	0.0	
19042	JUNCTION	1420.29	11.50	0.0	
19043	JUNCTION	1419.81	12.00	0.0	
19438	JUNCTION	1426.15	6.88	0.0	
23252	JUNCTION	1441.92	3.00	0.0	
23652	JUNCTION	1413.00	8.33	0.0	
23653	JUNCTION	1413.00	10.90	0.0	
25064	JUNCTION	1438.41	4.30	0.0	
3151	JUNCTION	1441.07	3.00	0.0	
3170	JUNCTION	1438.25	8.48	0.0	
3386	JUNCTION	1430.96	11.22	0.0	
3909	JUNCTION	1419.16	11.70	0.0	
3910	JUNCTION	1414.18	16.20	0.0	
51235	JUNCTION	1442.23	8.30	0.0	
51236	JUNCTION	1446.55	4.00	0.0	
51631	JUNCTION	1433.37	9.80	0.0	
51632	JUNCTION	1429.34	8.40	0.0	
51633	JUNCTION	1432.57	5.20	0.0	
51637	JUNCTION	1427.63	5.00	0.0	
51638	JUNCTION	1424.15	8.10	0.0	
51639	JUNCTION	1422.17	9.43	0.0	
51641	JUNCTION	1425.44	5.10	0.0	
51642	JUNCTION	1425.28	5.20	0.0	
51643	JUNCTION	1422.47	8.53	0.0	
52031	JUNCTION	1419.90	9.77	0.0	
52032	JUNCTION	1422.14	13.14	0.0	
52033	JUNCTION	1421.78	17.07	0.0	
52034	JUNCTION	1421.99	9.19	0.0	
52035	JUNCTION	1419.57	18.97	0.0	
52036	JUNCTION	1421.58	6.91	0.0	
52037	JUNCTION	1426.34	6.60	0.0	
52038	JUNCTION	1425.14	8.51	0.0	
BMP01OUTLET	JUNCTION	1417.50	8.50	0.0	
BMP02OUTLET	JUNCTION	1420.90	9.10	0.0	
D01	JUNCTION	1396.00	62.62	0.0	
D02	JUNCTION	1397.55	61.62	0.0	
D03	JUNCTION	1398.40	59.53	0.0	
D04	JUNCTION	1399.65	59.68	0.0	
D05	JUNCTION	1404.03	59.68	0.0	
D06	JUNCTION	1411.76	59.42	0.0	
J03	JUNCTION	1411.90	2.00	0.0	
J04	JUNCTION	1407.00	34.97	0.0	
J05	JUNCTION	1425.70	3.91	0.0	
J06	JUNCTION	1428.38	14.20	0.0	
J07	JUNCTION	1439.06	4.10	0.0	
J08	JUNCTION	1414.93	34.97	0.0	
J09	JUNCTION	1413.96	11.43	0.0	
J1	JUNCTION	1412.25	33.27	0.0	
J10	JUNCTION	1392.00	28.53	0.0	
J11	JUNCTION	1442.58	14.38	0.0	
J12	JUNCTION	1429.04	32.53	0.0	
J13	JUNCTION	1466.77	8.76	0.0	
J2	JUNCTION	1447.49	18.24	0.0	
J3	JUNCTION	1434.64	37.23	0.0	
J4	JUNCTION	1447.50	1.33	0.0	
J5	JUNCTION	1445.18	13.37	0.0	
J6	JUNCTION	1423.08	35.51	0.0	
J7	JUNCTION	1406.63	59.42	0.0	
J8	JUNCTION	1387.59	22.26	0.0	
J9	JUNCTION	1386.60	28.53	0.0	
RO1	JUNCTION	1422.14	0.91	0.0	
OF1	OUTFALL	1384.00	22.26	0.0	
BMP_ALTA	STORAGE	1425.00	8.00	0.0	
BMP_ALTB	STORAGE	1414.00	7.00	0.0	
SU1	STORAGE	1417.50	9.00	0.0	
SU2	STORAGE	1421.00	8.00	0.0	

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Link Summary
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Name	From Node	To Node	Type	Length	%Slope	Roughness
26126	D01	J10	CONDUIT	287.4	1.3921	0.0130
29037	19042	19043	CONDUIT	80.2	0.5737	0.0130
29038	19043	14273	CONDUIT	37.4	1.3921	0.0130
29040	14274	3386	CONDUIT	210.1	2.3902	0.0130
30304	3386	19039	CONDUIT	223.1	3.3005	0.0130
30306_1	19039	19041	CONDUIT	123.2	1.3478	0.0130
30306_2	19041	14273	CONDUIT	110.6	1.4021	0.0130
33414	16375	3909	CONDUIT	51.0	1.7650	0.0130
33415	3909	3910	CONDUIT	75.0	6.6547	0.0130
33421	16378	3910	CONDUIT	482.1	0.6575	0.0130
33422	14273	16378	CONDUIT	380.4	0.5100	0.0130
33570	16456	16375	CONDUIT	43.0	0.8140	0.0130
33571	BMP02OUTLET	16456	CONDUIT	31.0	0.8065	0.0110
34005	16613	16614	CONDUIT	52.6	0.4942	0.0130
34006	16615	14741	CONDUIT	53.8	1.2635	0.0130
34007	16614	16615	CONDUIT	37.2	7.7722	0.0130
34008	J04	16616	CONDUIT	49.7	8.0815	0.0130
34009	14741	16616	CONDUIT	290.8	3.6476	0.0130
34010	16617	16616	CONDUIT	113.3	1.7564	0.0130
34011	16618	16617	CONDUIT	65.5	0.7784	0.0110
34012	16616	16619	CONDUIT	160.1	0.9492	0.0130
34013	16619	16620	CONDUIT	93.1	0.5476	0.0130
34014	16621	D03	CONDUIT	162.0	0.5556	0.0130
34015	16620	16621	CONDUIT	38.0	3.8713	0.0130
34016	12874	16623	CONDUIT	65.0	4.8827	0.0130
34017	16622	16623	CONDUIT	82.0	3.5510	0.0130
34018	16624	16621	CONDUIT	174.0	0.1839	0.0130
34019	16623	16624	CONDUIT	37.0	0.4865	0.0130
34026	J07	J06	CONDUIT	12.3	0.4978	0.0130
34027	11194	16626	CONDUIT	82.0	0.4878	0.0130
34028	16626	J03	CONDUIT	117.0	11.1803	0.0130
34066	3910	1170	CONDUIT	53.0	0.6604	0.0240
76613	51236	51235	CONDUIT	76.8	5.5024	0.0130
77008	51631	51632	CONDUIT	249.5	1.5751	0.0130
77010	25064	3170	CONDUIT	20.1	0.3979	0.0130
77012	23252	25064	CONDUIT	20.7	17.2267	0.0100
77013	51633	51632	CONDUIT	73.5	0.9937	0.0130
77014	51632	51638	CONDUIT	299.8	1.6978	0.0130
77409	51235	51631	CONDUIT	198.2	4.4239	0.0130
77808	51637	51638	CONDUIT	81.1	4.1702	0.0100
77809	51641	51642	CONDUIT	34.6	0.4624	0.0130
77810	51642	51643	CONDUIT	26.0	4.6189	0.0130
77811	51643	19042	CONDUIT	41.7	4.7330	0.0130
77812	51638	51639	CONDUIT	330.8	0.5684	0.0130
77814	51639	52031	CONDUIT	326.7	0.6948	0.0130
78208	52031	52035	CONDUIT	46.0	0.5000	0.0130
78209	52035	SU1	CONDUIT	34.0	1.6767	0.0130
78210	52032	52033	CONDUIT	46.0	0.5652	0.0130
78211	52034	52033	CONDUIT	55.0	0.2000	0.0130
78212	52033	52035	CONDUIT	81.0	0.9630	0.0130
78213	BMP01OUTLET	23652	CONDUIT	133.0	3.3854	0.0110
78214	1170	23653	CONDUIT	46.0	1.8046	0.0130
78215	52037	19438	CONDUIT	12.0	1.5835	0.0130
78216	19438	52038	CONDUIT	61.0	1.4920	0.0130
78217	52036	52035	CONDUIT	44.0	4.3450	0.0130
78218	52038	52036	CONDUIT	234.0	1.4788	0.0130
86624_1	J06	J05	CONDUIT	52.8	5.0848	0.0130
86624_2	J05	11194	CONDUIT	3.9	5.0840	0.0130
86628	3151	J07	CONDUIT	33.6	5.8762	0.0130
C1	J08	J04	CONDUIT	66.4	12.0378	0.0350
C10	23653	D06	CONDUIT	36.4	3.4102	0.0400
C11	52038	RO1	CONDUIT	144.6	7.4870	0.0200

C12	11194	J03	CONDUIT	199.8	8.5413	0.0350
C13	J11	3170	CONDUIT	208.9	2.0733	0.0130
C13_1	3909	RO1	CONDUIT	200.7	3.8943	0.0200
C13_2	RO1	J7	CONDUIT	214.5	7.2500	0.0200
C14	52031	52035	CONDUIT	48.3	0.2689	0.0200
C15	52034	52033	CONDUIT	62.2	0.3377	0.0200
C16	51631	3170	CONDUIT	33.6	1.5472	0.0200
C17	12874	16624	CONDUIT	78.8	0.9896	0.0200
C18	16624	16621	CONDUIT	199.1	-0.2060	0.0200
C19	23252	3170	CONDUIT	38.4	5.9338	0.0200
C2	16621	D05	CONDUIT	63.9	7.8435	0.0350
C20	16623	16624	CONDUIT	41.7	0.0024	0.0200
C21	16622	J7	CONDUIT	71.2	6.8785	0.0200
C21_1	J09	J1	CONDUIT	81.2	2.1104	0.0350
C21_2	J1	12874	CONDUIT	92.7	3.0721	0.0350
C22	16618	16616	CONDUIT	176.1	4.5125	0.0350
C22_1	J12	J6	CONDUIT	299.3	0.9950	0.0200
C23	16616	16619	CONDUIT	161.0	0.5652	0.0200
C24	16619	16621	CONDUIT	112.4	0.1958	0.0200
C25	16617	16616	CONDUIT	114.4	0.0350	0.0350
C25_1	3170	BMP_ALTA	CONDUIT	241.7	3.5814	0.0200
C26	52032	52033	CONDUIT	49.2	0.7319	0.0200
C27	52033	52035	CONDUIT	84.3	0.3676	0.0200
C28	52036	52035	CONDUIT	47.9	0.4382	0.0200
C29	25064	3170	CONDUIT	20.7	0.2898	0.0200
C3	BMP02OUTLET	SU2	CONDUIT	35.4	20.1433	0.0100
C30	19438	RO1	CONDUIT	138.1	7.5191	0.0200
C31	16456	52036	CONDUIT	185.1	1.1181	0.0200
C32	51632	51638	CONDUIT	300.8	1.8256	0.0200
C33	52036	SU1	CONDUIT	63.3	14.0034	0.0350
C34	51637	51638	CONDUIT	86.3	0.4405	0.0200
C35	16378	52032	CONDUIT	200.4	0.5528	0.0200
C35_1	51639	J6	CONDUIT	151.3	3.4965	0.0330
C35_2	J6	BMP_ALTB	CONDUIT	295.4	0.7052	0.0350
C36	15018	16375	CONDUIT	288.5	2.6282	0.0130
C37	J3	16614	CONDUIT	106.7	16.6085	0.0200
C38	J2	13426	CONDUIT	412.9	2.8297	0.0350
C39	15018	16375	CONDUIT	189.8	1.9709	0.0200
C4	J10	J9	CONDUIT	266.6	2.0260	0.0450
C40	J4	23252	CONDUIT	216.8	2.5732	0.0350
C41	14274	3386	CONDUIT	217.4	2.4544	0.0200
C42	3386	19039	CONDUIT	226.9	1.6136	0.0200
C43	19039	19041	CONDUIT	129.3	1.8556	0.0200
C44	19042	51643	CONDUIT	50.0	1.5809	0.0100
C45	J5	14274	CONDUIT	160.9	5.7239	0.0330
C46	19041	14273	CONDUIT	117.6	0.9041	0.0200
C47	51633	51632	CONDUIT	80.2	0.0374	0.0200
C48	51641	51642	CONDUIT	38.7	0.1549	0.0200
C49	51642	51643	CONDUIT	33.6	4.4939	0.0200
C5	13426	15018	CONDUIT	218.5	2.7608	0.0130
C50	19043	14273	CONDUIT	41.7	1.8044	0.0200
C51	51643	J12	CONDUIT	76.9	0.5985	0.0200
C52	J13	J11	CONDUIT	279.7	6.6519	0.0200
C53	BMP_ALTA	51638	CONDUIT	200.0	0.3750	0.0130
C54	BMP_ALTB	12874	CONDUIT	135.0	5.9364	0.0130
C55	3170	BMP_ALTB	CONDUIT	1189.6	1.5343	0.0100
C6	J03	D04	CONDUIT	34.5	37.9813	0.0800
C7	J8	OF1	CONDUIT	305.6	1.1763	0.0450
C8	16620	16621	CONDUIT	42.3	0.6621	0.0350
C9	23652	D06	CONDUIT	32.3	3.8479	0.0400
C999	14273	51639	CONDUIT	236.3	0.9260	0.0350
DT01	D02	D01	CONDUIT	27.3	2.0086	0.0450
DT02	D03	D02	CONDUIT	42.5	2.0064	0.0450
DT03	D04	D03	CONDUIT	58.6	2.1275	0.0450
DT04	D05	D04	CONDUIT	157.9	2.7802	0.0450
DT05_1	D06	J7	CONDUIT	118.9	4.3155	0.0450
DT05_2	J7	D05	CONDUIT	159.1	1.6329	0.0450
OR1	SU2	BMP02OUTLET	ORIFICE			
OR2	SU2	BMP02OUTLET	ORIFICE			
OR3	SU1	BMP01OUTLET	ORIFICE			
OR4	SU1	BMP01OUTLET	ORIFICE			
OR5	J9	J8	ORIFICE			
BMP1_CREST	BMP_ALTA	J12	WEIR			
BMP1_ES	BMP_ALTA	J12	WEIR			
BMP4_CREST	BMP_ALTB	J09	WEIR			
BMP4_ES	BMP_ALTB	J09	WEIR			
W1	SU2	52034	WEIR			
W2	SU1	J09	WEIR			

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Cross Section Summary
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Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
26126	RECT_CLOSED	6.00	60.00	1.88	10.00	1	1230.46
29037	CIRCULAR	1.25	1.23	0.31	1.25	1	4.89
29038	CIRCULAR	1.25	1.23	0.31	1.25	1	7.62
29040	CIRCULAR	3.00	7.07	0.75	3.00	1	103.12
30304	CIRCULAR	3.00	7.07	0.75	3.00	1	121.17
30306_1	CIRCULAR	3.50	9.62	0.88	3.50	1	116.80
30306_2	CIRCULAR	3.50	9.62	0.88	3.50	1	119.13
33414	CIRCULAR	3.00	7.07	0.75	3.00	1	88.61
33415	CIRCULAR	3.00	7.07	0.75	3.00	1	172.06
33421	CIRCULAR	4.50	15.90	1.13	4.50	1	159.46
33422	CIRCULAR	4.50	15.90	1.13	4.50	1	140.43
33570	CIRCULAR	2.00	3.14	0.50	2.00	1	20.41
33571	CIRCULAR	2.00	3.14	0.50	2.00	1	24.01
34005	CIRCULAR	1.25	1.23	0.31	1.25	1	4.54
34006	CIRCULAR	1.50	1.77	0.38	1.50	1	11.81
34007	CIRCULAR	1.25	1.23	0.31	1.25	1	18.01
34008	CIRCULAR	2.50	4.91	0.63	2.50	1	116.60
34009	CIRCULAR	1.50	1.77	0.38	1.50	1	20.06
34010	CIRCULAR	1.25	1.23	0.31	1.25	1	8.56
34011	CIRCULAR	1.25	1.23	0.31	1.25	1	6.74
34012	CIRCULAR	3.00	7.07	0.75	3.00	1	64.98
34013	CIRCULAR	3.00	7.07	0.75	3.00	1	49.36
34014	CIRCULAR	3.00	7.07	0.75	3.00	1	49.71
34015	CIRCULAR	3.00	7.07	0.75	3.00	1	131.23
34016	CIRCULAR	1.50	1.77	0.38	1.50	1	23.21
34017	CIRCULAR	1.25	1.23	0.31	1.25	1	12.17
34018	CIRCULAR	2.50	4.91	0.63	2.50	1	17.59
34019	CIRCULAR	2.50	4.91	0.63	2.50	1	28.61
34026	CIRCULAR	2.00	3.14	0.50	2.00	1	15.96
34027	CIRCULAR	2.00	3.14	0.50	2.00	1	15.80
34028	CIRCULAR	2.00	3.14	0.50	2.00	1	75.64
34066	CIRCULAR	5.00	19.63	1.25	5.00	1	114.64
76613	CIRCULAR	1.25	1.23	0.31	1.25	1	15.15
77008	CIRCULAR	2.00	3.14	0.50	2.00	1	28.39
77010	CIRCULAR	2.00	3.14	0.50	2.00	1	14.27
77012	CIRCULAR	2.00	3.14	0.50	2.00	1	122.06
77013	CIRCULAR	1.25	1.23	0.31	1.25	1	6.44
77014	CIRCULAR	2.00	3.14	0.50	2.00	1	29.48
77409	CIRCULAR	1.50	1.77	0.38	1.50	1	22.09
77808	CIRCULAR	1.25	1.23	0.31	1.25	1	17.15
77809	CIRCULAR	1.25	1.23	0.31	1.25	1	4.39
77810	CIRCULAR	1.25	1.23	0.31	1.25	1	13.88
77811	CIRCULAR	1.25	1.23	0.31	1.25	1	14.05
77812	CIRCULAR	2.50	4.91	0.63	2.50	1	30.92
77814	CIRCULAR	2.50	4.91	0.63	2.50	1	34.19
78208	CIRCULAR	2.50	4.91	0.63	2.50	1	29.00
78209	CIRCULAR	2.50	4.91	0.63	2.50	1	53.11
78210	CIRCULAR	1.25	1.23	0.31	1.25	1	4.86
78211	CIRCULAR	1.25	1.23	0.31	1.25	1	2.89
78212	CIRCULAR	1.25	1.23	0.31	1.25	1	6.34
78213	CIRCULAR	3.00	7.07	0.75	3.00	1	145.03
78214	CIRCULAR	5.00	19.63	1.25	5.00	1	349.87
78215	CIRCULAR	1.25	1.23	0.31	1.25	1	8.13
78216	CIRCULAR	1.25	1.23	0.31	1.25	1	7.89
78217	CIRCULAR	2.00	3.14	0.50	2.00	1	47.16
78218	CIRCULAR	1.50	1.77	0.38	1.50	1	12.77
86624_1	CIRCULAR	2.00	3.14	0.50	2.00	1	51.01
86624_2	CIRCULAR	2.00	3.14	0.50	2.00	1	51.01
86628	CIRCULAR	2.00	3.14	0.50	2.00	1	54.84
C1	C1	34.97	1854.93	10.46	82.35	1	130689.38
C10	C10	10.90	555.89	6.76	82.53	1	13634.43
C11	C11	0.71	22.87	0.48	47.85	1	283.47
C12	RECT_OPEN	1.00	10.00	1.00	10.00	1	124.08
C13	CIRCULAR	1.75	2.41	0.44	1.75	1	22.82
C13_1	C13_1	0.91	38.82	0.64	60.76	1	421.11
C13_2	C13_2	0.19	6.03	0.12	51.19	1	28.92
C14	C14	3.47	309.53	2.77	110.55	1	2352.49
C15	C15	5.09	295.16	4.26	69.00	1	3348.99
C16	RECT_OPEN	1.00	20.00	1.00	20.00	1	184.84
C17	C17	32.87	6962.29	14.05	251.68	1	299680.29
C18	C18	31.85	8046.20	23.01	301.76	1	219474.00
C19	RECT_OPEN	1.00	20.00	1.00	20.00	1	361.98
C2	C2	1.85	156.60	0.78	200.72	1	1573.26
C20	C20	4.17	474.37	3.17	147.12	1	372.00
C21	C21	1.87	62.90	1.26	50.31	1	1426.24
C21_1	C21_1	11.43	2641.30	5.24	318.64	1	49161.63
C21_2	C21_2	33.27	2986.60	17.58	114.52	1	150240.77
C22	C22	38.10	8782.21	20.48	286.71	1	592956.07
C22_1	C22_1	32.53	4184.92	16.92	163.38	1	204428.19
C23	C23	33.89	3823.94	12.74	147.59	1	116530.75
C24	C24	31.96	4441.47	16.49	163.59	1	94583.38
C25	C22	38.10	8782.21	20.48	286.71	1	52200.84
C25_1	C25_1	5.08	740.84	3.52	209.47	1	24102.78
C26	C26	0.95	19.17	0.45	42.12	1	71.16
C27	C27	12.47	8757.27	11.02	782.10	1	195336.38
C28	C28	1.14	32.39	0.47	68.23	1	96.65
C29	RECT_OPEN	1.00	20.00	1.00	20.00	1	80.00
C3	RECT_OPEN	2.00	20.00	2.00	10.00	1	2117.39
C30	C30	0.53	11.90	0.35	33.42	1	120.49
C31	C31	2.21	145.90	1.54	92.89	1	1526.36
C32	RECT_OPEN	1.00	20.00	1.00	20.00	1	200.78
C33	RECT_OPEN	1.00	10.00	1.00	10.00	1	158.88
C34	RECT_OPEN	1.00	20.00	1.00	20.00	1	98.63
C35	C35	9.04	892.81	6.52	128.45	1	17206.93
C35_1	C35_1	3.23	271.96	2.34	120.73	1	4037.27
C35_2	C35_2	11.10	2396.05	4.88	320.40	1	24591.97
C36	CIRCULAR	3.00	7.07	0.75	3.00	1	108.13
C37	C37	37.23	4038.41	15.51	138.90	1	760452.52
C38	C38	18.24	2174.72	11.18	222.49	1	77647.07
C39	C39	35.03	3790.90	24.12	132.99	1	330062.23
C4	C4	28.53	4638.39	17.25	282.94	1	145553.80
C40	C40	1.33	70.03	0.97	71.76	1	467.74
C41	RECT_OPEN	1.00	20.00	1.00	20.00	1	232.81
C42	RECT_OPEN	5.00	100.00	5.00	20.00	1	2759.73

C43	RECT_OPEN	2.00	40.00	2.00	20.00	1	642.65
C44	RECT_OPEN	1.00	20.00	1.00	20.00	1	373.68
C45	C45	13.37	1889.08	7.39	250.43	1	77180.11
C46	RECT_OPEN	2.00	60.00	2.00	30.00	1	672.88
C47	RECT_OPEN	1.00	20.00	1.00	20.00	1	28.74
C48	RECT_OPEN	1.00	20.00	1.00	20.00	1	58.48
C49	RECT_OPEN	1.00	20.00	1.00	20.00	1	315.01
C5	CIRCULAR	3.00	7.07	0.75	3.00	1	110.82
C50	RECT_OPEN	1.00	20.00	1.00	20.00	1	199.61
C51	RECT_OPEN	1.00	20.00	1.00	20.00	1	114.96
C52	C52	8.76	1057.10	5.01	170.39	1	59281.65
C53	CIRCULAR	2.00	3.14	0.50	2.00	1	13.85
C54	CIRCULAR	1.50	1.77	0.38	1.50	1	25.59
C55	CIRCULAR	2.00	3.14	0.50	2.00	1	36.43
C6	RECT_OPEN	1.00	10.00	1.00	10.00	1	114.48
C7	C7	22.26	3186.92	7.10	212.90	1	42145.74
C8	RECT_OPEN	2.00	40.00	2.00	20.00	1	219.35
C9	C9	8.33	481.18	4.44	99.46	1	9471.00
C999	RECT_OPEN	2.00	60.00	2.00	30.00	1	389.13
DT01	DT01	61.62	14305.93	13.22	427.19	1	374329.56
DT02	DT02	59.53	12882.08	14.20	391.51	1	353335.62
DT03	DT03	59.24	11754.29	14.98	339.83	1	344104.62
DT04	DT04	59.68	8971.62	18.10	236.16	1	340536.12
DT05_1	DT05	59.42	5772.85	15.88	175.25	1	250161.79
DT05_2	DT05-2	59.42	5772.85	15.88	175.25	1	153881.42

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Transect Summary
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Transect C1
Area:

0.0047	0.0159	0.0296	0.0445	0.0606
0.0777	0.0963	0.1158	0.1352	0.1547
0.1743	0.1939	0.2135	0.2332	0.2529
0.2726	0.2923	0.3121	0.3318	0.3516
0.3714	0.3913	0.4111	0.4310	0.4509
0.4708	0.4908	0.5107	0.5307	0.5507
0.5707	0.5908	0.6108	0.6309	0.6510
0.6712	0.6913	0.7115	0.7317	0.7519
0.7721	0.7924	0.8126	0.8329	0.8539
0.8802	0.9101	0.9400	0.9699	1.0000

Hrad:

0.0436	0.0716	0.1053	0.1374	0.1682
0.1967	0.2210	0.2498	0.2785	0.3067
0.3345	0.3616	0.3880	0.4139	0.4392
0.4639	0.4880	0.5116	0.5347	0.5573
0.5795	0.6013	0.6226	0.6435	0.6641
0.6844	0.7043	0.7239	0.7432	0.7622
0.7809	0.7994	0.8176	0.8356	0.8533
0.8709	0.8882	0.9053	0.9223	0.9390
0.9556	0.9720	0.9882	1.0043	0.9839
0.9498	0.9647	0.9805	0.9965	1.0000

Width:

0.2571	0.4260	0.4606	0.5008	0.5330
0.5699	0.6249	0.6262	0.6275	0.6289
0.6302	0.6315	0.6328	0.6337	0.6344
0.6351	0.6358	0.6364	0.6371	0.6378
0.6384	0.6391	0.6398	0.6405	0.6411
0.6418	0.6425	0.6431	0.6438	0.6445
0.6451	0.6458	0.6465	0.6472	0.6478
0.6485	0.6492	0.6498	0.6505	0.6512
0.6519	0.6525	0.6532	0.6539	0.7590
0.9601	0.9628	0.9631	0.9634	1.0000

Transect C10
Area:

0.0040	0.0113	0.0197	0.0288	0.0386
0.0490	0.0597	0.0709	0.0824	0.0943
0.1065	0.1191	0.1321	0.1454	0.1591
0.1731	0.1876	0.2025	0.2178	0.2336
0.2499	0.2668	0.2843	0.3023	0.3210
0.3403	0.3603	0.3810	0.4024	0.4245
0.4473	0.4710	0.4954	0.5206	0.5465
0.5733	0.6010	0.6297	0.6591	0.6889
0.7189	0.7491	0.7796	0.8103	0.8413
0.8725	0.9040	0.9357	0.9678	1.0000

Hrad:

0.0203	0.0456	0.0712	0.0970	0.1218
0.1477	0.1727	0.1970	0.2217	0.2454
0.2684	0.2912	0.3137	0.3352	0.3559
0.3763	0.3964	0.4149	0.4396	0.4690
0.4972	0.5242	0.5500	0.5747	0.5983
0.6207	0.6419	0.6623	0.6818	0.7004
0.7178	0.7345	0.7506	0.7661	0.7809
0.7946	0.8076	0.8197	0.8330	0.8474
0.8621	0.8769	0.8919	0.9072	0.9226
0.9382	0.9534	0.9688	0.9844	1.0000

Width:

0.1963	0.2443	0.2729	0.2934	0.3123
0.3255	0.3383	0.3509	0.3614	0.3726
0.3840	0.3948	0.4054	0.4168	0.4287
0.4407	0.4525	0.4661	0.4805	0.4973
0.5134	0.5300	0.5489	0.5665	0.5852
0.6073	0.6294	0.6498	0.6708	0.6938
0.7202	0.7426	0.7661	0.7886	0.8129
0.8415	0.8700	0.9008	0.9156	0.9226
0.9297	0.9376	0.9461	0.9534	0.9606
0.9677	0.9769	0.9853	0.9925	1.0000

Transect C11
Area:

0.0013	0.0052	0.0107	0.0175	0.0272
0.0400	0.0534	0.0672	0.0814	0.0960
0.1110	0.1263	0.1421	0.1581	0.1747
0.1915	0.2085	0.2258	0.2435	0.2617
0.2804	0.2995	0.3192	0.3393	0.3599
0.3809	0.4022	0.4236	0.4455	0.4680
0.4910	0.5144	0.5383	0.5628	0.5878
0.6132	0.6389	0.6650	0.6915	0.7182
0.7451	0.7723	0.7998	0.8276	0.8557
0.8840	0.9126	0.9414	0.9706	1.0000

Hrad:

0.0144	0.0313	0.0536	0.0665	0.0784
0.0895	0.1163	0.1420	0.1676	0.1928
0.2162	0.2402	0.2646	0.2869	0.3097
0.3348	0.3595	0.3815	0.4018	0.4197
0.4387	0.4572	0.4752	0.4929	0.5093
0.5331	0.5571	0.5797	0.5946	0.6070
0.6268	0.6437	0.6578	0.6739	0.6886
0.7093	0.7296	0.7479	0.7689	0.7921
0.8151	0.8355	0.8548	0.8762	0.8979
0.9193	0.9402	0.9610	0.9806	1.0000

Width:

0.0977	0.1665	0.2038	0.2734	0.3890
0.4473	0.4596	0.4736	0.4861	0.4979
0.5133	0.5260	0.5370	0.5512	0.5640
0.5720	0.5800	0.5920	0.6062	0.6236
0.6391	0.6552	0.6717	0.6883	0.7067
0.7145	0.7219	0.7308	0.7493	0.7711
0.7835	0.7992	0.8184	0.8351	0.8536
0.8646	0.8757	0.8892	0.8994	0.9068
0.9142	0.9243	0.9357	0.9446	0.9530
0.9616	0.9706	0.9796	0.9898	1.0000

Transect C13_1
Area:

0.0008	0.0028	0.0058	0.0097	0.0147
0.0205	0.0273	0.0352	0.0442	0.0543
0.0661	0.0820	0.1011	0.1204	0.1401
0.1603	0.1807	0.2016	0.2229	0.2444
0.2661	0.2882	0.3105	0.3332	0.3561
0.3792	0.4027	0.4264	0.4503	0.4745
0.4989	0.5234	0.5482	0.5731	0.5983
0.6236	0.6492	0.6750	0.7010	0.7272
0.7537	0.7802	0.8070	0.8340	0.8611
0.8884	0.9160	0.9438	0.9717	1.0000

Hrad:

0.0169	0.0312	0.0478	0.0614	0.0773
0.0926	0.1056	0.1186	0.1316	0.1426
0.1484	0.1235	0.1494	0.1754	0.1996
0.2242	0.2482	0.2717	0.2955	0.3207
0.3456	0.3682	0.3918	0.4156	0.4388
0.4618	0.4848	0.5080	0.5315	0.5551
0.5790	0.6027	0.6263	0.6498	0.6727
0.6951	0.7174	0.7396	0.7619	0.7846
0.8072	0.8301	0.8530	0.8755	0.8974
0.9193	0.9404	0.9613	0.9809	1.0000

Width:

0.0483	0.0890	0.1211	0.1581	0.1899
0.2215	0.2585	0.2969	0.3358	0.3808
0.4626	0.6641	0.6768	0.6867	0.7021
0.7149	0.7283	0.7420	0.7543	0.7621
0.7702	0.7827	0.7926	0.8017	0.8115
0.8213	0.8307	0.8394	0.8474	0.8549
0.8617	0.8685	0.8753	0.8821	0.8894
0.8972	0.9050	0.9127	0.9201	0.9269
0.9337	0.9400	0.9462	0.9526	0.9595
0.9665	0.9741	0.9817	0.9907	1.0000

Transect C13_2
Area:

0.0009	0.0029	0.0071	0.0150	0.0252
0.0367	0.0495	0.0627	0.0768	0.0913
0.1060	0.1210	0.1366	0.1531	0.1699
0.1869	0.2041	0.2219	0.2405	0.2593
0.2784	0.2978	0.3174	0.3373	0.3574
0.3779	0.3987	0.4198	0.4413	0.4633
0.4862	0.5100	0.5345	0.5593	0.5843
0.6097	0.6353	0.6612	0.6874	0.7137
0.7407	0.7679	0.7954	0.8230	0.8507
0.8788	0.9075	0.9375	0.9685	1.0000

Hrad:

0.0237	0.0378	0.0494	0.0599	0.0758
0.1004	0.1209	0.1434	0.1710	0.1987
0.2268	0.2528	0.2643	0.2922	0.3197
0.3468	0.3729	0.3863	0.4079	0.4341
0.4599	0.4855	0.5109	0.5352	0.5586

0.5817	0.6047	0.6264	0.6465	0.6663
0.6848	0.7022	0.7226	0.7458	0.7688
0.7918	0.8147	0.8386	0.8653	0.8908
0.9160	0.9417	0.9675	0.9931	1.0169
1.0395	1.0613	1.0765	1.0643	1.0000

Width:

0.0423	0.0878	0.1933	0.2930	0.3444
0.3905	0.4097	0.4379	0.4498	0.4599
0.4680	0.4791	0.5174	0.5248	0.5322
0.5395	0.5481	0.5753	0.5903	0.5982
0.6062	0.6141	0.6221	0.6310	0.6407
0.6505	0.6602	0.6710	0.6835	0.7073
0.7392	0.7623	0.7758	0.7851	0.7943
0.8036	0.8128	0.8210	0.8265	0.8413
0.8552	0.8610	0.8669	0.8727	0.8800
0.8881	0.9325	0.9651	0.9852	1.0000

Transect C14

Area:

0.0025	0.0076	0.0162	0.0274	0.0398
0.0531	0.0674	0.0827	0.0987	0.1153
0.1324	0.1500	0.1682	0.1872	0.2066
0.2263	0.2466	0.2678	0.2892	0.3108
0.3325	0.3543	0.3762	0.3981	0.4202
0.4423	0.4646	0.4869	0.5093	0.5319
0.5545	0.5772	0.5999	0.6228	0.6457
0.6687	0.6918	0.7149	0.7382	0.7615
0.7849	0.8084	0.8320	0.8556	0.8793
0.9032	0.9271	0.9512	0.9755	1.0000

Hrad:

0.0160	0.0289	0.0392	0.0575	0.0770
0.0959	0.1135	0.1314	0.1512	0.1704
0.1903	0.2099	0.2248	0.2428	0.2636
0.2845	0.3032	0.3130	0.3353	0.3581
0.3809	0.4038	0.4271	0.4503	0.4733
0.4960	0.5186	0.5411	0.5636	0.5862
0.6086	0.6310	0.6534	0.6759	0.6983
0.7206	0.7428	0.7646	0.7863	0.8079
0.8297	0.8519	0.8741	0.8962	0.9167
0.9370	0.9567	0.9757	0.9932	1.0000

Width:

0.1561	0.2648	0.4156	0.4793	0.5200
0.5572	0.5975	0.6333	0.6571	0.6809
0.7002	0.7191	0.7529	0.7755	0.7883
0.7999	0.8465	0.8602	0.8671	0.8723
0.8771	0.8815	0.8847	0.8879	0.8913
0.8951	0.8989	0.9028	0.9064	0.9098
0.9133	0.9167	0.9199	0.9230	0.9261
0.9291	0.9322	0.9357	0.9392	0.9427
0.9460	0.9489	0.9518	0.9546	0.9592
0.9638	0.9690	0.9748	0.9820	1.0000

Transect C15

Area:

0.0040	0.0099	0.0171	0.0253	0.0347
0.0470	0.0609	0.0779	0.0980	0.1185
0.1391	0.1598	0.1806	0.2015	0.2225
0.2435	0.2646	0.2858	0.3070	0.3283
0.3496	0.3711	0.3925	0.4141	0.4356
0.4573	0.4790	0.5008	0.5226	0.5445
0.5665	0.5886	0.6107	0.6329	0.6551
0.6775	0.6999	0.7224	0.7450	0.7677
0.7905	0.8133	0.8363	0.8593	0.8825
0.9058	0.9291	0.9526	0.9763	1.0000

Hrad:

0.0184	0.0355	0.0521	0.0686	0.0779
0.0843	0.1011	0.1127	0.1144	0.1372
0.1601	0.1829	0.2057	0.2284	0.2510
0.2736	0.2961	0.3185	0.3409	0.3633
0.3856	0.4078	0.4300	0.4521	0.4742
0.4962	0.5181	0.5400	0.5618	0.5835
0.6052	0.6268	0.6483	0.6697	0.6910
0.7123	0.7335	0.7546	0.7757	0.7966
0.8175	0.8382	0.8588	0.8794	0.8998
0.9201	0.9403	0.9603	0.9802	1.0000

Width:

0.2158	0.2776	0.3248	0.3648	0.4407
0.5513	0.6375	0.7959	0.8570	0.8629
0.8682	0.8720	0.8753	0.8787	0.8820
0.8851	0.8876	0.8902	0.8927	0.8953
0.8979	0.9004	0.9029	0.9055	0.9080
0.9105	0.9130	0.9159	0.9187	0.9216
0.9244	0.9273	0.9305	0.9337	0.9369
0.9401	0.9434	0.9470	0.9506	0.9542
0.9580	0.9621	0.9662	0.9703	0.9748
0.9795	0.9841	0.9893	0.9946	1.0000

Transect C17

Area:

0.0037	0.0105	0.0201	0.0321	0.0465
0.0617	0.0774	0.0937	0.1106	0.1280
0.1458	0.1640	0.1825	0.2014	0.2207
0.2402	0.2600	0.2801	0.3005	0.3213
0.3424	0.3637	0.3856	0.4081	0.4308
0.4535	0.4763	0.4990	0.5217	0.5444
0.5672	0.5899	0.6126	0.6354	0.6581
0.6809	0.7036	0.7264	0.7491	0.7719
0.7947	0.8175	0.8402	0.8630	0.8858
0.9087	0.9315	0.9543	0.9771	1.0000

Hrad:

0.0320	0.0631	0.0841	0.1021	0.1202
0.1418	0.1634	0.1848	0.2054	0.2267
0.2483	0.2689	0.2894	0.3102	0.3306
0.3510	0.3708	0.3903	0.4096	0.4286
0.4473	0.4654	0.4799	0.4941	0.5153
0.5364	0.5575	0.5785	0.5994	0.6202
0.6409	0.6615	0.6821	0.7025	0.7228
0.7430	0.7631	0.7831	0.8030	0.8228
0.8425	0.8621	0.8816	0.9010	0.9202
0.9394	0.9585	0.9774	0.9963	1.0000

Width:

0.2433	0.3383	0.4540	0.5593	0.6285
0.6511	0.6747	0.6974	0.7233	0.7413
0.7554	0.7729	0.7890	0.8019	0.8150
0.8272	0.8402	0.8537	0.8665	0.8795
0.8927	0.9070	0.9316	0.9559	0.9560
0.9561	0.9562	0.9563	0.9565	0.9566
0.9567	0.9568	0.9569	0.9570	0.9572
0.9573	0.9574	0.9575	0.9577	0.9580
0.9584	0.9587	0.9591	0.9594	0.9598
0.9601	0.9605	0.9609	0.9612	1.0000

Transect C18

Area:

0.0048	0.0153	0.0280	0.0418	0.0567
0.0722	0.0886	0.1058	0.1242	0.1430
0.1623	0.1821	0.2023	0.2229	0.2439
0.2653	0.2868	0.3083	0.3299	0.3514
0.3729	0.3945	0.4160	0.4376	0.4591
0.4807	0.5022	0.5238	0.5454	0.5669
0.5885	0.6101	0.6317	0.6532	0.6748
0.6964	0.7180	0.7396	0.7612	0.7828
0.8044	0.8260	0.8476	0.8692	0.8909
0.9125	0.9342	0.9558	0.9775	1.0000

Hrad:

0.0131	0.0286	0.0469	0.0630	0.0803
0.0989	0.1149	0.1282	0.1460	0.1645
0.1828	0.2005	0.2191	0.2377	0.2552
0.2738	0.2966	0.3194	0.3421	0.3648
0.3875	0.4101	0.4327	0.4553	0.4778
0.5003	0.5228	0.5452	0.5676	0.5900
0.6123	0.6346	0.6569	0.6791	0.7013
0.7235	0.7456	0.7678	0.7898	0.8119
0.8339	0.8559	0.8778	0.8997	0.9216
0.9435	0.9653	0.9871	1.0089	1.0000

Width:

0.3556	0.5156	0.5505	0.6031	0.6402
0.6639	0.7009	0.7521	0.7780	0.7980
0.8179	0.8386	0.8547	0.8696	0.8873
0.9012	0.9013	0.9014	0.9015	0.9016
0.9018	0.9019	0.9020	0.9021	0.9022
0.9024	0.9025	0.9026	0.9027	0.9028
0.9029	0.9031	0.9032	0.9033	0.9034
0.9035	0.9036	0.9038	0.9039	0.9042
0.9045	0.9048	0.9052	0.9055	0.9058
0.9062	0.9065	0.9068	0.9071	1.0000

Transect C2

Area:

0.0012	0.0036	0.0067	0.0107	0.0156
0.0211	0.0272	0.0339	0.0414	0.0494
0.0579	0.0669	0.0765	0.0866	0.0972
0.1083	0.1198	0.1319	0.1444	0.1574
0.1708	0.1847	0.1991	0.2141	0.2299
0.2466	0.2644	0.2831	0.3029	0.3235
0.3448	0.3669	0.3899	0.4136	0.4381
0.4635	0.4898	0.5172	0.5507	0.5880
0.6262	0.6655	0.7055	0.7460	0.7868
0.8281	0.8698	0.9120	0.9549	1.0000

Hrad:

0.0302	0.0621	0.0908	0.1127	0.1423
0.1719	0.2016	0.2254	0.2546	0.2832
0.3132	0.3392	0.3673	0.3967	0.4260
0.4542	0.4815	0.5080	0.5356	0.5670
0.5947	0.6191	0.6415	0.6593	0.6728
0.6783	0.6824	0.6991	0.7111	0.7295
0.7529	0.7733	0.7930	0.8140	0.8319
0.8491	0.8676	0.8761	0.7120	0.7382
0.7665	0.7932	0.8311	0.8700	0.9086
0.9464	0.9837	1.0184	1.0493	1.0000

Width:

0.0410	0.0583	0.0742	0.0952	0.1095
0.1226	0.1349	0.1506	0.1625	0.1743
0.1848	0.1972	0.2084	0.2184	0.2283
0.2384	0.2489	0.2597	0.2697	0.2776
0.2872	0.2983	0.3103	0.3248	0.3418
0.3636	0.3875	0.4051	0.4260	0.4435
0.4581	0.4746	0.4917	0.5081	0.5267
0.5460	0.5647	0.6229	0.7737	0.7967
0.8172	0.8392	0.8492	0.8577	0.8662

0.8752	0.8844	0.8957	0.9230	1.0000

Transect C20
Area:

0.0039	0.0113	0.0207	0.0316	0.0438
0.0568	0.0707	0.0854	0.1006	0.1163
0.1324	0.1489	0.1658	0.1831	0.2008
0.2189	0.2374	0.2563	0.2756	0.2955
0.3157	0.3364	0.3573	0.3786	0.4002
0.4221	0.4443	0.4668	0.4895	0.5124
0.5355	0.5588	0.5822	0.6058	0.6294
0.6532	0.6771	0.7012	0.7253	0.7495
0.7739	0.7984	0.8231	0.8479	0.8729
0.8980	0.9232	0.9486	0.9742	1.0000

Hrad:

0.0170	0.0350	0.0527	0.0717	0.0911
0.1108	0.1290	0.1497	0.1711	0.1923
0.2126	0.2337	0.2541	0.2747	0.2939
0.3144	0.3332	0.3514	0.3686	0.3862
0.4048	0.4238	0.4437	0.4636	0.4824
0.5018	0.5210	0.5397	0.5618	0.5826
0.6043	0.6262	0.6476	0.6696	0.6922
0.7144	0.7363	0.7580	0.7801	0.8021
0.8236	0.8433	0.8632	0.8841	0.9048
0.9246	0.9445	0.9642	0.9817	1.0000

Width:

0.2355	0.3270	0.3981	0.4476	0.4871
0.5197	0.5558	0.5788	0.5964	0.6131
0.6313	0.6460	0.6615	0.6756	0.6927
0.7058	0.7220	0.7392	0.7578	0.7754
0.7905	0.8044	0.8160	0.8274	0.8405
0.8522	0.8639	0.8761	0.8820	0.8898
0.8959	0.9017	0.9077	0.9129	0.9170
0.9215	0.9262	0.9311	0.9353	0.9395
0.9442	0.9508	0.9570	0.9620	0.9672
0.9732	0.9789	0.9848	0.9929	1.0000

Transect C21
Area:

0.0017	0.0066	0.0134	0.0214	0.0311
0.0422	0.0546	0.0678	0.0817	0.0962
0.1112	0.1266	0.1426	0.1590	0.1758
0.1930	0.2105	0.2285	0.2468	0.2654
0.2844	0.3037	0.3233	0.3433	0.3637
0.3845	0.4056	0.4270	0.4489	0.4712
0.4939	0.5171	0.5411	0.5657	0.5909
0.6165	0.6422	0.6681	0.6942	0.7205
0.7470	0.7736	0.8006	0.8279	0.8555
0.8836	0.9120	0.9409	0.9702	1.0000

Hrad:

0.0163	0.0325	0.0541	0.0730	0.0890
0.1069	0.1265	0.1481	0.1699	0.1925
0.2152	0.2359	0.2579	0.2801	0.3023
0.3242	0.3447	0.3653	0.3876	0.4096
0.4305	0.4504	0.4701	0.4895	0.5090
0.5287	0.5476	0.5655	0.5830	0.6003
0.6143	0.6251	0.6361	0.6489	0.6608
0.6861	0.7110	0.7357	0.7601	0.7842
0.8080	0.8315	0.8542	0.8765	0.8980
0.9193	0.9404	0.9605	0.9803	1.0000

Width:

0.1035	0.2028	0.2456	0.2927	0.3485
0.3934	0.4284	0.4531	0.4741	0.4914
0.5067	0.5254	0.5402	0.5539	0.5664
0.5786	0.5926	0.6059	0.6160	0.6261
0.6374	0.6496	0.6619	0.6743	0.6861
0.6975	0.7096	0.7226	0.7359	0.7493
0.7663	0.7884	0.8103	0.8301	0.8511
0.8554	0.8612	0.8670	0.8729	0.8796
0.8868	0.8940	0.9045	0.9155	0.9290
0.9420	0.9548	0.9710	0.9864	1.0000

Transect C21_1
Area:

0.0030	0.0083	0.0158	0.0247	0.0347
0.0456	0.0580	0.0722	0.0876	0.1039
0.1206	0.1377	0.1550	0.1726	0.1904
0.2085	0.2269	0.2456	0.2645	0.2837
0.3031	0.3228	0.3428	0.3633	0.3846
0.4063	0.4283	0.4507	0.4733	0.4961
0.5191	0.5424	0.5658	0.5895	0.6135
0.6377	0.6621	0.6868	0.7117	0.7368
0.7621	0.7876	0.8133	0.8392	0.8653
0.8917	0.9183	0.9452	0.9725	1.0000

Hrad:

0.0294	0.0564	0.0884	0.1234	0.1543
0.1820	0.2025	0.2220	0.2396	0.2590
0.2795	0.3007	0.3224	0.3444	0.3664
0.3876	0.4089	0.4304	0.4519	0.4728
0.4935	0.5134	0.5318	0.5455	0.5611
0.5788	0.5963	0.6149	0.6339	0.6525
0.6716	0.6903	0.7088	0.7268	0.7445
0.7623	0.7800	0.7977	0.8157	0.8336
0.8512	0.8688	0.8865	0.9043	0.9215
0.9381	0.9533	0.9683	0.9816	1.0000

Width:

0.1582	0.2329	0.3007	0.3433	0.3771
0.4135	0.4989	0.5329	0.5790	0.5990
0.6121	0.6236	0.6329	0.6410	0.6497
0.6626	0.6734	0.6821	0.6902	0.6999
0.7087	0.7195	0.7331	0.7591	0.7793
0.7927	0.8055	0.8149	0.8229	0.8315
0.8387	0.8465	0.8548	0.8639	0.8730
0.8819	0.8904	0.8989	0.9062	0.9137
0.9213	0.9292	0.9363	0.9431	0.9509
0.9595	0.9706	0.9816	0.9953	1.0000

Transect C21_2
Area:

0.0008	0.0025	0.0050	0.0086	0.0144
0.0237	0.0353	0.0488	0.0652	0.0856
0.1082	0.1308	0.1535	0.1761	0.1988
0.2215	0.2443	0.2670	0.2897	0.3125
0.3352	0.3580	0.3808	0.4036	0.4264
0.4492	0.4720	0.4948	0.5177	0.5405
0.5634	0.5862	0.6091	0.6320	0.6549
0.6778	0.7007	0.7236	0.7465	0.7695
0.7924	0.8154	0.8384	0.8614	0.8844
0.9075	0.9306	0.9537	0.9768	1.0000

Hrad:

0.0231	0.0424	0.0599	0.0758	0.0645
0.0810	0.1033	0.1193	0.1278	0.1407
0.1716	0.2049	0.2375	0.2693	0.3003
0.3307	0.3603	0.3894	0.4177	0.4455
0.4726	0.4992	0.5252	0.5506	0.5756
0.6000	0.6239	0.6473	0.6703	0.6928
0.7149	0.7366	0.7578	0.7786	0.7991
0.8192	0.8389	0.8582	0.8772	0.8959
0.9142	0.9322	0.9499	0.9673	0.9845
1.0013	1.0179	1.0342	1.0503	1.0000

Width:

0.0499	0.0822	0.1188	0.1595	0.3219
0.4189	0.4860	0.5804	0.7240	0.8643
0.8866	0.8874	0.8882	0.8889	0.8897
0.8904	0.8909	0.8913	0.8917	0.8920
0.8924	0.8927	0.8931	0.8935	0.8938
0.8942	0.8946	0.8949	0.8953	0.8956
0.8960	0.8964	0.8967	0.8971	0.8975
0.8978	0.8982	0.8986	0.8989	0.8993
0.9000	0.9009	0.9018	0.9027	0.9036
0.9045	0.9054	0.9064	0.9073	1.0000

Transect C22
Area:

0.0086	0.0208	0.0336	0.0470	0.0610
0.0757	0.0909	0.1072	0.1244	0.1420
0.1597	0.1794	0.1998	0.2205	0.2415
0.2626	0.2837	0.3049	0.3260	0.3472
0.3685	0.3897	0.4110	0.4323	0.4536
0.4750	0.4963	0.5177	0.5392	0.5607
0.5822	0.6037	0.6253	0.6468	0.6684
0.6901	0.7118	0.7335	0.7552	0.7770
0.7988	0.8206	0.8425	0.8644	0.8863
0.9083	0.9303	0.9525	0.9756	1.0000

Hrad:

0.0270	0.0611	0.0947	0.1270	0.1573
0.1865	0.2138	0.2326	0.2619	0.2953
0.3286	0.3570	0.3849	0.4126	0.4403
0.4684	0.4967	0.5248	0.5528	0.5806
0.6081	0.6353	0.6622	0.6887	0.7150
0.7409	0.7664	0.7916	0.8165	0.8410
0.8652	0.8890	0.9125	0.9357	0.9585
0.9810	1.0032	1.0251	1.0466	1.0679
1.0888	1.1095	1.1299	1.1500	1.1699
1.1895	1.2088	1.2038	1.1778	1.0000

Width:

0.4721	0.5060	0.5279	0.5498	0.5752
0.6010	0.6300	0.6824	0.7011	0.7048
0.7636	0.8092	0.8249	0.8399	0.8475
0.8485	0.8495	0.8504	0.8515	0.8526
0.8536	0.8547	0.8558	0.8569	0.8578
0.8589	0.8601	0.8613	0.8626	0.8638
0.8650	0.8660	0.8671	0.8682	0.8694
0.8706	0.8719	0.8731	0.8744	0.8759
0.8773	0.8787	0.8800	0.8814	0.8828
0.8841	0.8855	0.9087	0.9541	1.0000

Transect C22_1
Area:

0.0034	0.0111	0.0219	0.0350	0.0503
0.0687	0.0893	0.1102	0.1310	0.1519
0.1728	0.1937	0.2146	0.2355	0.2565
0.2774	0.2984	0.3194	0.3404	0.3613
0.3823	0.4034	0.4244	0.4454	0.4664
0.4875	0.5085	0.5296	0.5506	0.5717
0.5928	0.6139	0.6350	0.6561	0.6772
0.6984	0.7195	0.7406	0.7618	0.7830
0.8041	0.8253	0.8465	0.8678	0.8890
0.9103	0.9316	0.9529	0.9754	1.0000

Hrad:

0.0235	0.0436	0.0696	0.0953	0.1183
0.1409	0.1712	0.2029	0.2346	0.2660
0.2969	0.3272	0.3569	0.3860	0.4145
0.4423	0.4695	0.4961	0.5221	0.5476
0.5725	0.5969	0.6207	0.6441	0.6670
0.6894	0.7114	0.7329	0.7540	0.7747
0.7950	0.8149	0.8344	0.8535	0.8723
0.8908	0.9089	0.9267	0.9442	0.9613
0.9782	0.9947	1.0110	1.0270	1.0428
1.0583	1.0735	1.0851	1.0334	1.0000

Width:

0.2172	0.3835	0.4707	0.5448	0.6669
0.7791	0.8199	0.8206	0.8214	0.8221
0.8228	0.8236	0.8241	0.8245	0.8248
0.8251	0.8255	0.8258	0.8262	0.8265
0.8269	0.8272	0.8275	0.8279	0.8282
0.8286	0.8289	0.8293	0.8296	0.8299
0.8303	0.8306	0.8310	0.8313	0.8317
0.8320	0.8323	0.8327	0.8330	0.8334
0.8342	0.8350	0.8357	0.8365	0.8373
0.8381	0.8389	0.8436	0.9277	1.0000

Transect C23

Area:

0.0072	0.0209	0.0354	0.0507	0.0675
0.0874	0.1080	0.1285	0.1491	0.1697
0.1903	0.2109	0.2315	0.2521	0.2727
0.2934	0.3140	0.3346	0.3553	0.3759
0.3965	0.4172	0.4379	0.4585	0.4792
0.4999	0.5206	0.5413	0.5620	0.5827
0.6034	0.6241	0.6449	0.6656	0.6863
0.7071	0.7278	0.7486	0.7694	0.7902
0.8110	0.8318	0.8527	0.8735	0.8943
0.9152	0.9361	0.9570	0.9779	1.0000

Hrad:

0.0321	0.0599	0.0895	0.1174	0.1411
0.1603	0.1850	0.2104	0.2359	0.2614
0.2867	0.3118	0.3367	0.3612	0.3855
0.4095	0.4332	0.4566	0.4797	0.5025
0.5251	0.5474	0.5695	0.5913	0.6128
0.6341	0.6552	0.6760	0.6967	0.7171
0.7373	0.7573	0.7771	0.7967	0.8162
0.8354	0.8545	0.8734	0.8921	0.9107
0.9291	0.9474	0.9655	0.9834	1.0013
1.0189	1.0365	1.0539	1.0712	1.0000

Width:

0.4782	0.5406	0.5695	0.6072	0.6828
0.7861	0.7864	0.7866	0.7868	0.7871
0.7873	0.7875	0.7878	0.7880	0.7882
0.7885	0.7887	0.7889	0.7892	0.7894
0.7896	0.7899	0.7901	0.7903	0.7906
0.7908	0.7910	0.7913	0.7915	0.7917
0.7920	0.7922	0.7924	0.7927	0.7931
0.7935	0.7939	0.7944	0.7948	0.7953
0.7957	0.7962	0.7966	0.7970	0.7975
0.7979	0.7984	0.7988	0.7993	1.0000

Transect C24

Area:

0.0077	0.0241	0.0437	0.0638	0.0840
0.1042	0.1244	0.1446	0.1649	0.1851
0.2054	0.2257	0.2460	0.2663	0.2866
0.3069	0.3272	0.3475	0.3679	0.3882
0.4085	0.4288	0.4492	0.4695	0.4899
0.5102	0.5306	0.5509	0.5713	0.5916
0.6120	0.6324	0.6527	0.6731	0.6935
0.7139	0.7343	0.7547	0.7751	0.7955
0.8159	0.8363	0.8567	0.8771	0.8975
0.9179	0.9384	0.9588	0.9792	1.0000

Hrad:

0.0259	0.0475	0.0695	0.0936	0.1180
0.1423	0.1665	0.1905	0.2142	0.2378
0.2611	0.2842	0.3071	0.3298	0.3523
0.3746	0.3967	0.4186	0.4403	0.4619
0.4832	0.5045	0.5255	0.5465	0.5672
0.5878	0.6083	0.6287	0.6489	0.6690
0.6889	0.7088	0.7285	0.7481	0.7676
0.7870	0.8063	0.8254	0.8445	0.8635
0.8824	0.9012	0.9199	0.9385	0.9570
0.9755	0.9938	1.0121	1.0303	1.0000

Width:

0.5490	0.7807	0.8560	0.8567	0.8573
0.8580	0.8586	0.8593	0.8599	0.8606
0.8612	0.8619	0.8620	0.8622	0.8624
0.8625	0.8627	0.8629	0.8630	0.8632
0.8633	0.8635	0.8637	0.8638	0.8640
0.8642	0.8643	0.8645	0.8646	0.8648
0.8650	0.8651	0.8653	0.8655	0.8656
0.8658	0.8659	0.8661	0.8663	0.8664
0.8666	0.8668	0.8669	0.8671	0.8672
0.8674	0.8676	0.8677	0.8679	1.0000

Transect C25_1

Area:

0.0025	0.0070	0.0135	0.0225	0.0331
0.0443	0.0562	0.0687	0.0817	0.0953
0.1095	0.1244	0.1397	0.1554	0.1719
0.1893	0.2076	0.2266	0.2462	0.2662
0.2864	0.3069	0.3275	0.3483	0.3693
0.3905	0.4120	0.4337	0.4556	0.4777
0.5000	0.5224	0.5451	0.5682	0.5920
0.6165	0.6416	0.6673	0.6936	0.7202
0.7470	0.7741	0.8015	0.8294	0.8575
0.8858	0.9142	0.9427	0.9713	1.0000

Hrad:

0.0194	0.0371	0.0526	0.0629	0.0868
0.1100	0.1328	0.1551	0.1763	0.1969
0.2164	0.2360	0.2596	0.2784	0.2916
0.3049	0.3192	0.3360	0.3574	0.3802
0.4044	0.4296	0.4546	0.4789	0.5023
0.5247	0.5479	0.5714	0.5950	0.6186
0.6423	0.6657	0.6866	0.6969	0.7031
0.7165	0.7251	0.7350	0.7534	0.7739
0.7951	0.8163	0.8339	0.8500	0.8723
0.8971	0.9224	0.9482	0.9741	1.0000

Width:

0.1274	0.1902	0.2561	0.3571	0.3814
0.4033	0.4236	0.4429	0.4634	0.4841
0.5063	0.5274	0.5383	0.5585	0.5897
0.6211	0.6507	0.6747	0.6892	0.7004
0.7086	0.7145	0.7206	0.7274	0.7354
0.7445	0.7522	0.7592	0.7659	0.7724
0.7785	0.7849	0.7940	0.8154	0.8421
0.8605	0.8849	0.9081	0.9208	0.9308
0.9397	0.9485	0.9613	0.9758	0.9832
0.9876	0.9912	0.9943	0.9972	1.0000

Transect C26

Area:

0.0005	0.0024	0.0056	0.0098	0.0152
0.0215	0.0284	0.0361	0.0444	0.0535
0.0632	0.0734	0.0842	0.0956	0.1075
0.1202	0.1334	0.1473	0.1617	0.1768
0.1926	0.2094	0.2271	0.2459	0.2660
0.2871	0.3092	0.3321	0.3560	0.3804
0.4055	0.4311	0.4572	0.4840	0.5112
0.5388	0.5669	0.5954	0.6243	0.6538
0.6839	0.7145	0.7457	0.7777	0.8105
0.8458	0.8831	0.9212	0.9601	1.0000

Hrad:

0.0197	0.0384	0.0625	0.0862	0.1098
0.1369	0.1650	0.1908	0.2150	0.2403
0.2672	0.2947	0.3210	0.3466	0.3685
0.3911	0.4156	0.4388	0.4613	0.4830
0.4995	0.5120	0.5260	0.5323	0.5430
0.5594	0.5792	0.5988	0.6205	0.6460
0.6738	0.7017	0.7269	0.7532	0.7827
0.8118	0.8410	0.8699	0.8963	0.9211
0.9446	0.9675	0.9893	1.0065	1.0094
0.9619	0.9812	1.0034	1.0238	1.0000

Width:

0.0267	0.0620	0.0898	0.1151	0.1399
0.1582	0.1738	0.1905	0.2081	0.2242
0.2382	0.2509	0.2640	0.2774	0.2936
0.3091	0.3229	0.3375	0.3525	0.3681
0.3877	0.4112	0.4341	0.4646	0.4928
0.5164	0.5370	0.5577	0.5764	0.5915
0.6042	0.6164	0.6309	0.6442	0.6545
0.6648	0.6748	0.6849	0.6968	0.7097
0.7237	0.7379	0.7530	0.7717	0.8021
0.8793	0.8999	0.9177	0.9372	1.0000

Transect C27

Area:

0.0070	0.0168	0.0282	0.0411	0.0557
0.0712	0.0871	0.1033	0.1205	0.1387
0.1578	0.1773	0.1974	0.2181	0.2388
0.2597	0.2808	0.3020	0.3235	0.3450
0.3666	0.3881	0.4097	0.4313	0.4530
0.4746	0.4962	0.5179	0.5396	0.5613
0.5830	0.6047	0.6264	0.6482	0.6700
0.6917	0.7135	0.7354	0.7572	0.7791
0.8011	0.8230	0.8450	0.8671	0.8891
0.9112	0.9334	0.9555	0.9777	1.0000

Hrad:

0.0174	0.0358	0.0525	0.0680	0.0818
0.1024	0.1224	0.1409	0.1548	0.1724
0.1835	0.2026	0.2163	0.2373	0.2584
0.2794	0.2990	0.3185	0.3388	0.3607
0.3826	0.4047	0.4267	0.4486	0.4707
0.4926	0.5146	0.5365	0.5584	0.5802
0.6020	0.6237	0.6455	0.6672	0.6888
0.7103	0.7316	0.7529	0.7736	0.7944
0.8152	0.8361	0.8570	0.8778	0.8984
0.9187	0.9391	0.9595	0.9798	1.0000

Width:

0.4077	0.4762	0.5448	0.6116	0.6892
0.7036	0.7196	0.7424	0.7959	0.8380
0.8702	0.8854	0.9235	0.9296	0.9351
0.9404	0.9501	0.9592	0.9657	0.9672

0.9682	0.9691	0.9699	0.9706	0.9712
0.9718	0.9724	0.9731	0.9736	0.9742
0.9749	0.9756	0.9763	0.9769	0.9777
0.9785	0.9796	0.9807	0.9825	0.9840
0.9856	0.9869	0.9883	0.9897	0.9913
0.9931	0.9949	0.9965	0.9983	1.0000

Transect C28

Area:

0.0016	0.0055	0.0107	0.0173	0.0249
0.0334	0.0426	0.0524	0.0628	0.0738
0.0857	0.0982	0.1113	0.1250	0.1394
0.1543	0.1701	0.1865	0.2036	0.2212
0.2396	0.2585	0.2777	0.2973	0.3174
0.3377	0.3584	0.3794	0.4008	0.4224
0.4442	0.4663	0.4887	0.5114	0.5344
0.5578	0.5816	0.6059	0.6308	0.6563
0.6825	0.7095	0.7378	0.7680	0.8002
0.8348	0.8722	0.9120	0.9541	1.0000

Hrad:

0.0246	0.0585	0.0864	0.1168	0.1480
0.1814	0.2156	0.2498	0.2842	0.3062
0.3370	0.3699	0.3990	0.4280	0.4578
0.4832	0.5075	0.5343	0.5646	0.5891
0.6174	0.6537	0.6869	0.7176	0.7551
0.7922	0.8267	0.8594	0.8963	0.9342
0.9717	1.0070	1.0417	1.0748	1.1059
1.1356	1.1638	1.1835	1.2036	1.2220
1.2335	1.2386	1.2066	1.1841	1.1526
1.1063	1.0858	1.0713	1.0455	1.0000

Width:

0.0658	0.0937	0.1245	0.1481	0.1685
0.1842	0.1978	0.2099	0.2209	0.2410
0.2544	0.2655	0.2789	0.2921	0.3044
0.3194	0.3350	0.3490	0.3605	0.3754
0.3880	0.3953	0.4041	0.4142	0.4201
0.4261	0.4333	0.4413	0.4469	0.4519
0.4569	0.4628	0.4689	0.4756	0.4830
0.4910	0.4995	0.5117	0.5239	0.5369
0.5531	0.5726	0.6113	0.6484	0.6941
0.7544	0.8032	0.8512	0.9126	1.0000

Transect C30

Area:

0.0003	0.0014	0.0037	0.0074	0.0120
0.0182	0.0261	0.0352	0.0467	0.0618
0.0797	0.0980	0.1166	0.1354	0.1545
0.1738	0.1933	0.2130	0.2330	0.2534
0.2741	0.2950	0.3162	0.3376	0.3592
0.3810	0.4031	0.4255	0.4482	0.4713
0.4948	0.5185	0.5424	0.5666	0.5912
0.6162	0.6415	0.6671	0.6930	0.7191
0.7455	0.7722	0.7992	0.8267	0.8546
0.8828	0.9114	0.9405	0.9701	1.0000

Hrad:

0.0152	0.0304	0.0359	0.0539	0.0704
0.0762	0.0932	0.1012	0.1178	0.1051
0.1337	0.1614	0.1888	0.2163	0.2439
0.2712	0.2983	0.3242	0.3486	0.3726
0.3980	0.4237	0.4491	0.4743	0.4988
0.5228	0.5467	0.5696	0.5889	0.6083
0.6317	0.6549	0.6780	0.6990	0.7169
0.7357	0.7577	0.7796	0.8013	0.8222
0.8429	0.8634	0.8803	0.8961	0.9137
0.9319	0.9488	0.9603	0.9780	1.0000

Width:

0.0228	0.0455	0.1046	0.1390	0.1730
0.2415	0.2837	0.3526	0.4139	0.5951
0.6038	0.6141	0.6244	0.6328	0.6399
0.6470	0.6541	0.6629	0.6743	0.6857
0.6940	0.7015	0.7089	0.7163	0.7245
0.7329	0.7413	0.7508	0.7647	0.7783
0.7865	0.7947	0.8029	0.8133	0.8272
0.8399	0.8488	0.8577	0.8666	0.8762
0.8858	0.8955	0.9089	0.9235	0.9361
0.9479	0.9610	0.9798	0.9922	1.0000

Transect C31

Area:

0.0043	0.0127	0.0244	0.0379	0.0522
0.0670	0.0824	0.0981	0.1143	0.1308
0.1476	0.1646	0.1820	0.1996	0.2174
0.2355	0.2538	0.2723	0.2910	0.3099
0.3291	0.3484	0.3679	0.3876	0.4076
0.4278	0.4482	0.4689	0.4899	0.5112
0.5329	0.5548	0.5772	0.5998	0.6226
0.6457	0.6691	0.6927	0.7165	0.7407
0.7651	0.7899	0.8149	0.8403	0.8659
0.8919	0.9183	0.9450	0.9722	1.0000

Hrad:

0.0181	0.0358	0.0547	0.0776	0.1023
0.1272	0.1515	0.1757	0.2001	0.2244
0.2489	0.2732	0.2972	0.3212	0.3453
0.3691	0.3927	0.4165	0.4400	0.4633
0.4866	0.5097	0.5326	0.5550	0.5770
0.5987	0.6179	0.6381	0.6572	0.6747
0.6918	0.7092	0.7272	0.7464	0.7662
0.7854	0.8049	0.8247	0.8437	0.8596
0.8784	0.8948	0.9119	0.9284	0.9446
0.9594	0.9733	0.9864	0.9966	1.0000

Width:

0.2415	0.3603	0.4545	0.4965	0.5195
0.5362	0.5528	0.5675	0.5801	0.5916
0.6017	0.6113	0.6208	0.6297	0.6379
0.6459	0.6540	0.6614	0.6688	0.6762
0.6833	0.6904	0.6974	0.7050	0.7128
0.7207	0.7314	0.7408	0.7511	0.7631
0.7754	0.7872	0.7982	0.8077	0.8165
0.8258	0.8345	0.8429	0.8519	0.8640
0.8731	0.8845	0.8951	0.9062	0.9176
0.9303	0.9439	0.9583	0.9756	1.0000

Transect C35

Area:

0.0024	0.0074	0.0158	0.0256	0.0364
0.0480	0.0630	0.0819	0.1011	0.1204
0.1400	0.1596	0.1795	0.1996	0.2199
0.2403	0.2609	0.2816	0.3023	0.3231
0.3439	0.3648	0.3857	0.4067	0.4277
0.4488	0.4700	0.4913	0.5126	0.5340
0.5554	0.5770	0.5986	0.6204	0.6424
0.6645	0.6868	0.7094	0.7321	0.7551
0.7784	0.8020	0.8258	0.8500	0.8743
0.8989	0.9237	0.9488	0.9742	1.0000

Hrad:

0.0178	0.0295	0.0471	0.0684	0.0896
0.1101	0.0924	0.1185	0.1447	0.1707
0.1965	0.2219	0.2467	0.2717	0.2962
0.3202	0.3458	0.3714	0.3968	0.4221
0.4472	0.4721	0.4968	0.5213	0.5457
0.5695	0.5932	0.6166	0.6400	0.6632
0.6859	0.7081	0.7296	0.7498	0.7695
0.7885	0.8065	0.8236	0.8404	0.8564
0.8710	0.8863	0.9002	0.9165	0.9336
0.9481	0.9646	0.9791	0.9910	1.0000

Width:

0.1430	0.2653	0.3561	0.3972	0.4303
0.4794	0.7231	0.7327	0.7403	0.7468
0.7532	0.7604	0.7686	0.7754	0.7830
0.7910	0.7935	0.7956	0.7976	0.7995
0.8015	0.8035	0.8056	0.8077	0.8099
0.8127	0.8155	0.8183	0.8210	0.8238
0.8270	0.8307	0.8351	0.8409	0.8472
0.8540	0.8619	0.8707	0.8796	0.8894
0.9006	0.9109	0.9227	0.9319	0.9400
0.9508	0.9594	0.9701	0.9834	1.0000

Transect C35_1

Area:

0.0008	0.0038	0.0084	0.0142	0.0209
0.0285	0.0368	0.0457	0.0553	0.0657
0.0766	0.0880	0.0998	0.1121	0.1247
0.1378	0.1515	0.1661	0.1831	0.2046
0.2297	0.2549	0.2802	0.3056	0.3311
0.3567	0.3823	0.4081	0.4340	0.4600
0.4861	0.5123	0.5386	0.5649	0.5914
0.6179	0.6445	0.6712	0.6979	0.7247
0.7516	0.7787	0.8058	0.8330	0.8604
0.8878	0.9154	0.9433	0.9715	1.0000

Hrad:

0.0144	0.0282	0.0476	0.0656	0.0853
0.1048	0.1250	0.1440	0.1612	0.1804
0.2001	0.2204	0.2414	0.2619	0.2811
0.2998	0.3132	0.3136	0.3077	0.2988
0.2825	0.3068	0.3316	0.3573	0.3832
0.4089	0.4341	0.4593	0.4848	0.5103
0.5365	0.5628	0.5890	0.6150	0.6410
0.6671	0.6936	0.7201	0.7465	0.7718
0.7969	0.8222	0.8476	0.8730	0.8983
0.9237	0.9445	0.9620	0.9807	1.0000

Width:

0.0559	0.1341	0.1793	0.2207	0.2504
0.2767	0.2985	0.3227	0.3503	0.3711
0.3897	0.4059	0.4194	0.4332	0.4487
0.4647	0.4886	0.5370	0.6702	0.8398
0.8768	0.8808	0.8845	0.8873	0.8901
0.8931	0.8972	0.9012	0.9051	0.9089
0.9117	0.9144	0.9172	0.9203	0.9234
0.9262	0.9286	0.9310	0.9333	0.9369
0.9408	0.9443	0.9478	0.9513	0.9547
0.9581	0.9662	0.9783	0.9894	1.0000

Transect C35_2

Area:

0.0030	0.0083	0.0149	0.0226	0.0312
0.0408	0.0513	0.0625	0.0745	0.0877
0.1025	0.1184	0.1351	0.1524	0.1701
0.1883	0.2068	0.2257	0.2450	0.2647
0.2847	0.3051	0.3257	0.3467	0.3680
0.3895	0.4113	0.4335	0.4560	0.4787

0.5018	0.5251	0.5488	0.5727	0.5970
0.6215	0.6464	0.6716	0.6971	0.7227
0.7487	0.7750	0.8017	0.8287	0.8562
0.8842	0.9126	0.9414	0.9705	1.0000

Hrad:

0.0307	0.0611	0.0888	0.1142	0.1364
0.1566	0.1770	0.1957	0.2126	0.2306
0.2549	0.2783	0.3010	0.3236	0.3462
0.3688	0.3909	0.4131	0.4339	0.4554
0.4768	0.4979	0.5189	0.5397	0.5605
0.5813	0.6016	0.6206	0.6403	0.6600
0.6796	0.6986	0.7177	0.7364	0.7549
0.7734	0.7904	0.8086	0.8271	0.8455
0.8633	0.8792	0.8951	0.9103	0.9254
0.9393	0.9543	0.9700	0.9849	1.0000

Width:

0.1521	0.2034	0.2407	0.2733	0.3075
0.3390	0.3645	0.3914	0.4207	0.4733
0.5201	0.5495	0.5726	0.5910	0.6053
0.6180	0.6306	0.6420	0.6573	0.6689
0.6798	0.6907	0.7011	0.7117	0.7211
0.7301	0.7395	0.7518	0.7620	0.7714
0.7812	0.7916	0.8016	0.8117	0.8219
0.8314	0.8436	0.8529	0.8612	0.8696
0.8790	0.8918	0.9047	0.9191	0.9334
0.9497	0.9631	0.9745	0.9874	1.0000

Transect C37

Area:

0.0063	0.0153	0.0254	0.0365	0.0489
0.0628	0.0780	0.0955	0.1160	0.1374
0.1588	0.1802	0.2016	0.2230	0.2444
0.2658	0.2873	0.3087	0.3301	0.3516
0.3730	0.3945	0.4159	0.4374	0.4588
0.4803	0.5018	0.5232	0.5447	0.5662
0.5877	0.6092	0.6307	0.6522	0.6737
0.6952	0.7167	0.7383	0.7598	0.7813
0.8028	0.8244	0.8459	0.8675	0.8890
0.9106	0.9321	0.9537	0.9758	1.0000

Hrad:

0.0374	0.0794	0.1166	0.1496	0.1783
0.2031	0.2243	0.2375	0.2507	0.2684
0.2880	0.3084	0.3294	0.3506	0.3719
0.3933	0.4145	0.4357	0.4568	0.4777
0.4985	0.5191	0.5395	0.5598	0.5800
0.5999	0.6198	0.6394	0.6590	0.6783
0.6976	0.7167	0.7356	0.7544	0.7731
0.7917	0.8101	0.8284	0.8467	0.8647
0.8827	0.9006	0.9184	0.9360	0.9536
0.9711	0.9885	1.0058	1.0062	1.0000

Width:

0.3200	0.3745	0.4143	0.4588	0.5114
0.5671	0.6316	0.7569	0.8328	0.8355
0.8357	0.8359	0.8360	0.8362	0.8364
0.8366	0.8368	0.8369	0.8371	0.8373
0.8375	0.8376	0.8378	0.8380	0.8382
0.8384	0.8385	0.8387	0.8389	0.8391
0.8393	0.8394	0.8396	0.8398	0.8400
0.8401	0.8403	0.8405	0.8407	0.8409
0.8410	0.8412	0.8414	0.8416	0.8418
0.8419	0.8421	0.8423	0.9004	1.0000

Transect C38

Area:

0.0043	0.0114	0.0196	0.0284	0.0376
0.0473	0.0574	0.0678	0.0787	0.0899
0.1015	0.1134	0.1257	0.1384	0.1515
0.1653	0.1834	0.2043	0.2254	0.2466
0.2680	0.2895	0.3112	0.3331	0.3551
0.3772	0.3996	0.4221	0.4447	0.4675
0.4905	0.5137	0.5369	0.5604	0.5840
0.6078	0.6318	0.6559	0.6803	0.7048
0.7295	0.7544	0.7797	0.8060	0.8345
0.8646	0.8960	0.9290	0.9637	1.0000

Hrad:

0.0223	0.0480	0.0747	0.1016	0.1285
0.1548	0.1803	0.2049	0.2289	0.2530
0.2767	0.2997	0.3218	0.3426	0.3608
0.3728	0.3761	0.3959	0.4202	0.4470
0.4754	0.5048	0.5350	0.5657	0.5967
0.6276	0.6585	0.6894	0.7203	0.7511
0.7817	0.8122	0.8425	0.8724	0.9018
0.9306	0.9590	0.9871	1.0149	1.0425
1.0692	1.0929	1.1059	1.0788	1.0358
1.0331	1.0306	1.0136	1.0094	1.0000

Width:

0.1687	0.2071	0.2279	0.2423	0.2538
0.2642	0.2747	0.2854	0.2959	0.3056
0.3149	0.3245	0.3347	0.3458	0.3593
0.3793	0.5580	0.5623	0.5664	0.5706
0.5748	0.5791	0.5834	0.5876	0.5918
0.5961	0.6005	0.6049	0.6092	0.6134
0.6177	0.6220	0.6262	0.6304	0.6350
0.6397	0.6446	0.6495	0.6545	0.6594
0.6647	0.6719	0.6861	0.7291	0.7909
0.8236	0.8579	0.9092	0.9503	1.0000

Transect C39

Area:

0.0095	0.0239	0.0405	0.0597	0.0790
0.0984	0.1178	0.1374	0.1574	0.1774
0.1975	0.2176	0.2377	0.2578	0.2779
0.2981	0.3183	0.3385	0.3587	0.3789
0.3992	0.4194	0.4397	0.4599	0.4802
0.5005	0.5208	0.5411	0.5614	0.5818
0.6021	0.6224	0.6428	0.6632	0.6836
0.7040	0.7244	0.7448	0.7652	0.7856
0.8061	0.8265	0.8470	0.8675	0.8883
0.9095	0.9310	0.9530	0.9760	1.0000

Hrad:

0.0214	0.0442	0.0648	0.0886	0.1163
0.1436	0.1705	0.1967	0.2219	0.2467
0.2713	0.2954	0.3193	0.3428	0.3659
0.3887	0.4112	0.4334	0.4553	0.4769
0.4982	0.5192	0.5400	0.5605	0.5807
0.6007	0.6205	0.6399	0.6592	0.6782
0.6969	0.7155	0.7338	0.7519	0.7697
0.7874	0.8048	0.8221	0.8391	0.8559
0.8726	0.8890	0.9053	0.9213	0.9367
0.9514	0.9656	0.9788	0.9907	1.0000

Width:

0.5208	0.6353	0.7342	0.7868	0.7882
0.7896	0.7898	0.8129	0.8139	0.8150
0.8160	0.8170	0.8181	0.8191	0.8202
0.8212	0.8219	0.8223	0.8227	0.8231
0.8236	0.8240	0.8244	0.8248	0.8252
0.8257	0.8261	0.8265	0.8269	0.8274
0.8278	0.8282	0.8286	0.8290	0.8295
0.8299	0.8303	0.8307	0.8312	0.8316
0.8320	0.8324	0.8328	0.8383	0.8549
0.8680	0.8843	0.9109	0.9574	1.0000

Transect C4

Area:

0.0010	0.0041	0.0117	0.0223	0.0336
0.0452	0.0573	0.0698	0.0826	0.0959
0.1095	0.1237	0.1383	0.1536	0.1693
0.1855	0.2020	0.2189	0.2360	0.2533
0.2710	0.2889	0.3071	0.3259	0.3454
0.3654	0.3857	0.4063	0.4272	0.4483
0.4697	0.4914	0.5133	0.5355	0.5580
0.5809	0.6040	0.6276	0.6516	0.6762
0.7020	0.7310	0.7622	0.7949	0.8282
0.8621	0.8963	0.9307	0.9653	1.0000

Hrad:

0.0185	0.0289	0.0390	0.0666	0.0957
0.1248	0.1527	0.1796	0.2061	0.2314
0.2563	0.2792	0.3001	0.3198	0.3424
0.3666	0.3909	0.4153	0.4402	0.4647
0.4887	0.5123	0.5346	0.5396	0.5591
0.5798	0.6020	0.6238	0.6468	0.6699
0.6921	0.7147	0.7358	0.7574	0.7774
0.7975	0.8164	0.8327	0.8454	0.8524
0.8156	0.8074	0.8062	0.8318	0.8597
0.8874	0.9153	0.9434	0.9716	1.0000

Width:

0.0510	0.1350	0.2843	0.3158	0.3305
0.3410	0.3521	0.3638	0.3750	0.3870
0.3986	0.4128	0.4291	0.4467	0.4598
0.4698	0.4792	0.4879	0.4953	0.5029
0.5107	0.5185	0.5277	0.5549	0.5674
0.5784	0.5874	0.5965	0.6041	0.6112
0.6190	0.6261	0.6346	0.6425	0.6517
0.6607	0.6707	0.6831	0.6988	0.7197
0.7877	0.8671	0.9279	0.9462	0.9683
0.9795	0.9856	0.9913	0.9954	1.0000

Transect C40

Area:

0.0029	0.0087	0.0162	0.0250	0.0348
0.0456	0.0572	0.0698	0.0830	0.0969
0.1114	0.1265	0.1422	0.1585	0.1753
0.1926	0.2104	0.2287	0.2474	0.2665
0.2860	0.3060	0.3264	0.3471	0.3683
0.3899	0.4119	0.4342	0.4571	0.4805
0.5044	0.5287	0.5534	0.5784	0.6038
0.6294	0.6552	0.6810	0.7070	0.7331
0.7593	0.7856	0.8120	0.8385	0.8651
0.8919	0.9188	0.9458	0.9728	1.0000

Hrad:

0.0162	0.0360	0.0529	0.0720	0.0926
0.1108	0.1289	0.1472	0.1672	0.1856
0.2049	0.2231	0.2425	0.2606	0.2789
0.2986	0.3180	0.3370	0.3565	0.3755
0.3941	0.4130	0.4319	0.4508	0.4692
0.4876	0.5059	0.5230	0.5379	0.5528
0.5699	0.5876	0.6061	0.6251	0.6438
0.6667	0.6909	0.7150	0.7390	0.7632
0.7874	0.8116	0.8357	0.8589	0.8820
0.9049	0.9287	0.9526	0.9763	1.0000

Width:

0.1776	0.2416	0.3055	0.3474	0.3763
0.4122	0.4442	0.4742	0.4966	0.5221
0.5438	0.5673	0.5867	0.6085	0.6288
0.6456	0.6622	0.6789	0.6942	0.7099
0.7261	0.7412	0.7560	0.7704	0.7852
0.7999	0.8144	0.8306	0.8501	0.8696
0.8853	0.9000	0.9133	0.9256	0.9381
0.9443	0.9485	0.9527	0.9569	0.9607
0.9644	0.9681	0.9717	0.9763	0.9810
0.9857	0.9893	0.9929	0.9964	1.0000

Transect C44

Area:

0.0020	0.0073	0.0159	0.0266	0.0388
0.0523	0.0669	0.0823	0.0987	0.1161
0.1344	0.1533	0.1726	0.1920	0.2116
0.2313	0.2512	0.2714	0.2917	0.3122
0.3328	0.3536	0.3746	0.3958	0.4172
0.4387	0.4604	0.4822	0.5042	0.5264
0.5487	0.5712	0.5938	0.6166	0.6396
0.6627	0.6859	0.7094	0.7330	0.7567
0.7805	0.8045	0.8285	0.8527	0.8770
0.9014	0.9259	0.9505	0.9752	1.0000

Hrad:

0.0136	0.0249	0.0382	0.0552	0.0725
0.0904	0.1084	0.1263	0.1433	0.1595
0.1784	0.1977	0.2202	0.2430	0.2655
0.2875	0.3090	0.3306	0.3528	0.3747
0.3965	0.4179	0.4389	0.4595	0.4808
0.5022	0.5237	0.5451	0.5660	0.5868
0.6070	0.6273	0.6484	0.6692	0.6896
0.7094	0.7293	0.7496	0.7705	0.7909
0.8119	0.8331	0.8541	0.8750	0.8958
0.9165	0.9374	0.9584	0.9791	1.0000

Width:

0.1381	0.2799	0.3975	0.4644	0.5202
0.5648	0.6034	0.6396	0.6784	0.7215
0.7484	0.7714	0.7784	0.7842	0.7904
0.7977	0.8063	0.8141	0.8203	0.8268
0.8333	0.8404	0.8482	0.8566	0.8633
0.8694	0.8752	0.8810	0.8876	0.8941
0.9015	0.9084	0.9140	0.9198	0.9261
0.9331	0.9399	0.9460	0.9511	0.9566
0.9613	0.9657	0.9700	0.9745	0.9790
0.9836	0.9878	0.9918	0.9960	1.0000

Transect C45

Area:

0.0009	0.0029	0.0057	0.0091	0.0130
0.0176	0.0230	0.0292	0.0361	0.0438
0.0520	0.0608	0.0701	0.0802	0.0912
0.1030	0.1156	0.1292	0.1439	0.1598
0.1777	0.1963	0.2153	0.2348	0.2547
0.2754	0.2968	0.3193	0.3435	0.3682
0.3933	0.4188	0.4449	0.4719	0.5000
0.5296	0.5605	0.5919	0.6238	0.6563
0.6894	0.7231	0.7571	0.7912	0.8255
0.8600	0.8946	0.9295	0.9647	1.0000

Hrad:

0.0221	0.0423	0.0655	0.0885	0.1100
0.1257	0.1428	0.1596	0.1770	0.1964
0.2195	0.2420	0.2620	0.2702	0.2854
0.3027	0.3178	0.3279	0.3391	0.3404
0.3465	0.3739	0.4014	0.4274	0.4494
0.4693	0.4854	0.4916	0.5011	0.5287
0.5566	0.5828	0.6023	0.6137	0.6216
0.6240	0.6436	0.6690	0.6943	0.7174
0.7351	0.7652	0.7951	0.8253	0.8555
0.8855	0.9146	0.9435	0.9721	1.0000

Width:

0.0416	0.0688	0.0877	0.1036	0.1194
0.1416	0.1629	0.1849	0.2064	0.2256
0.2398	0.2540	0.2704	0.2999	0.3231
0.3442	0.3679	0.3983	0.4290	0.4746
0.5186	0.5306	0.5420	0.5548	0.5725
0.5927	0.6175	0.6562	0.6925	0.7035
0.7135	0.7256	0.7457	0.7764	0.8123
0.8573	0.8797	0.8937	0.9076	0.9240
0.9473	0.9534	0.9595	0.9649	0.9701
0.9753	0.9813	0.9873	0.9934	1.0000

Transect C52

Area:

0.0025	0.0080	0.0150	0.0232	0.0324
0.0423	0.0530	0.0647	0.0775	0.0910
0.1051	0.1198	0.1350	0.1508	0.1672
0.1842	0.2017	0.2197	0.2383	0.2574
0.2772	0.2975	0.3184	0.3399	0.3618
0.3843	0.4072	0.4304	0.4540	0.4779
0.5021	0.5266	0.5516	0.5768	0.6020
0.6274	0.6529	0.6784	0.7041	0.7300
0.7560	0.7823	0.8089	0.8357	0.8626
0.8896	0.9169	0.9443	0.9720	1.0000

Hrad:

0.0192	0.0444	0.0675	0.0926	0.1185
0.1446	0.1763	0.2055	0.2317	0.2566
0.2808	0.3043	0.3272	0.3489	0.3699
0.3905	0.4108	0.4307	0.4497	0.4678
0.4853	0.5028	0.5200	0.5370	0.5540
0.5708	0.5881	0.6056	0.6235	0.6411
0.6584	0.6751	0.6917	0.7106	0.7298
0.7492	0.7686	0.7879	0.8064	0.8247
0.8424	0.8598	0.8773	0.8958	0.9145
0.9332	0.9511	0.9690	0.9852	1.0000

Width:

0.1593	0.2221	0.2740	0.3099	0.3376
0.3628	0.3945	0.4340	0.4677	0.4903
0.5091	0.5288	0.5472	0.5695	0.5916
0.6114	0.6292	0.6461	0.6662	0.6889
0.7107	0.7306	0.7495	0.7683	0.7856
0.8032	0.8167	0.8287	0.8393	0.8501
0.8620	0.8761	0.8896	0.8934	0.8963
0.8993	0.9027	0.9065	0.9124	0.9189
0.9266	0.9354	0.9439	0.9499	0.9552
0.9603	0.9675	0.9746	0.9855	1.0000

Transect C7

Area:

0.0010	0.0028	0.0050	0.0074	0.0103
0.0135	0.0188	0.0320	0.0471	0.0631
0.0797	0.0968	0.1145	0.1326	0.1512
0.1705	0.1906	0.2109	0.2314	0.2522
0.2733	0.2946	0.3161	0.3379	0.3600
0.3823	0.4049	0.4277	0.4508	0.4742
0.4978	0.5217	0.5459	0.5703	0.5950
0.6200	0.6453	0.6708	0.6967	0.7227
0.7491	0.7758	0.8027	0.8300	0.8575
0.8854	0.9134	0.9418	0.9706	1.0000

Hrad:

0.0433	0.0881	0.1311	0.1696	0.2062
0.2356	0.2465	0.2037	0.2003	0.2112
0.2281	0.2477	0.2687	0.2899	0.3106
0.3286	0.3501	0.3733	0.3963	0.4194
0.4422	0.4650	0.4875	0.5099	0.5318
0.5537	0.5751	0.5964	0.6174	0.6383
0.6588	0.6793	0.6993	0.7192	0.7387
0.7581	0.7770	0.7961	0.8150	0.8336
0.8516	0.8694	0.8874	0.9050	0.9224
0.9401	0.9573	0.9736	0.9878	1.0000

Width:

0.0506	0.0662	0.0779	0.0900	0.1020
0.1171	0.3206	0.4903	0.5236	0.5491
0.5676	0.5852	0.6003	0.6174	0.6368
0.6651	0.6788	0.6868	0.6954	0.7035
0.7124	0.7199	0.7284	0.7366	0.7457
0.7543	0.7637	0.7723	0.7816	0.7902
0.7995	0.8077	0.8172	0.8262	0.8357
0.8449	0.8550	0.8637	0.8722	0.8813
0.8920	0.9022	0.9114	0.9212	0.9309
0.9393	0.9487	0.9601	0.9773	1.0000

Transect C9

Area:

0.0032	0.0092	0.0160	0.0234	0.0313
0.0395	0.0479	0.0567	0.0658	0.0752
0.0849	0.0950	0.1055	0.1168	0.1288
0.1416	0.1551	0.1697	0.1851	0.2013
0.2181	0.2355	0.2538	0.2728	0.2924
0.3128	0.3338	0.3555	0.3782	0.4019
0.4263	0.4516	0.4776	0.5044	0.5324
0.5609	0.5898	0.6190	0.6487	0.6787
0.7091	0.7398	0.7709	0.8023	0.8341
0.8663	0.8990	0.9322	0.9658	1.0000

Hrad:

0.0226	0.0527	0.0832	0.1143	0.1448
0.1755	0.2051	0.2337	0.2620	0.2895
0.3154	0.3384	0.3704	0.4032	0.4329
0.4600	0.4848	0.5068	0.5275	0.5471
0.5663	0.5843	0.6015	0.6181	0.6343
0.6503	0.6659	0.6801	0.6928	0.7053
0.7183	0.7314	0.7440	0.7548	0.7658
0.7811	0.7963	0.8119	0.8276	0.8435
0.8595	0.8757	0.8917	0.9080	0.9241
0.9397	0.9550	0.9702	0.9853	1.0000

Width:

0.1522	0.1889	0.2086	0.2217	0.2329
0.2419	0.2509	0.2601	0.2686	0.2772
0.2867	0.2985	0.3155	0.3365	0.3597
0.3830	0.4075	0.4367	0.4578	0.4790
0.4971	0.5190	0.5408	0.5618	0.5815
0.6008	0.6200	0.6446	0.6726	0.6988
0.7226	0.7439	0.7670	0.7962	0.8240
0.8327	0.8446	0.8551	0.8665	0.8774
0.8877	0.8976	0.9085	0.9181	0.9291
0.9422	0.9566	0.9706	0.9844	1.0000

Transect DT01

Area:

0.0006	0.0014	0.0023	0.0046	0.0092

0.0145	0.0203	0.0264	0.0329	0.0398
0.0484	0.0604	0.0749	0.0896	0.1045
0.1195	0.1347	0.1504	0.1666	0.1842
0.2023	0.2204	0.2385	0.2567	0.2748
0.2931	0.3135	0.3387	0.3654	0.3922
0.4191	0.4459	0.4728	0.4997	0.5267
0.5537	0.5823	0.6127	0.6432	0.6736
0.7042	0.7348	0.7654	0.7961	0.8276
0.8601	0.8936	0.9282	0.9636	1.0000

Hrad:

0.0705	0.1191	0.1591	0.1504	0.1524
0.1794	0.2125	0.2468	0.2812	0.3043
0.2954	0.2991	0.3216	0.3513	0.3830
0.4148	0.4429	0.4661	0.4890	0.4975
0.5324	0.5669	0.6009	0.6344	0.6673
0.6994	0.7245	0.7368	0.7502	0.7669
0.7860	0.8066	0.8284	0.8509	0.8740
0.8975	0.7737	0.8004	0.8270	0.8536
0.8800	0.9063	0.9320	0.9291	0.9335
0.9411	0.9539	0.9675	0.9836	1.0000

Width:

0.0184	0.0227	0.0270	0.1118	0.1360
0.1508	0.1617	0.1716	0.1808	0.2013
0.2798	0.3557	0.3994	0.4022	0.4055
0.4098	0.4185	0.4336	0.4504	0.4905
0.4913	0.4922	0.4931	0.4938	0.4943
0.5153	0.6057	0.7266	0.7276	0.7286
0.7292	0.7300	0.7313	0.7325	0.7338
0.7351	0.8272	0.8275	0.8279	0.8291
0.8303	0.8315	0.8338	0.8380	0.8685
0.8992	0.9253	0.9520	0.9758	1.0000

Transect DT02

Area:

0.0005	0.0012	0.0024	0.0041	0.0065
0.0096	0.0134	0.0179	0.0231	0.0316
0.0452	0.0591	0.0732	0.0876	0.1022
0.1171	0.1322	0.1491	0.1673	0.1856
0.2039	0.2222	0.2406	0.2589	0.2773
0.2968	0.3200	0.3455	0.3710	0.3966
0.4222	0.4478	0.4734	0.4991	0.5268
0.5568	0.5869	0.6170	0.6471	0.6772
0.7073	0.7375	0.7677	0.7982	0.8297
0.8620	0.8952	0.9293	0.9642	1.0000

Hrad:

0.0582	0.0948	0.1209	0.1501	0.2091
0.2508	0.2852	0.3134	0.3335	0.3185
0.3004	0.3115	0.3327	0.3576	0.3844
0.4116	0.4367	0.4373	0.4635	0.4904
0.5174	0.5443	0.5711	0.5974	0.6234
0.6456	0.6581	0.6685	0.6818	0.6972
0.7138	0.7314	0.7496	0.7682	0.7206
0.7434	0.7679	0.7924	0.8170	0.8415
0.8659	0.8902	0.9143	0.9222	0.9327
0.9446	0.9565	0.9707	0.9847	1.0000

Width:

0.0160	0.0250	0.0393	0.0574	0.0764
0.0955	0.1132	0.1327	0.1636	0.3723
0.3790	0.3865	0.3935	0.4009	0.4076
0.4146	0.4256	0.5046	0.5050	0.5055
0.5060	0.5064	0.5069	0.5074	0.5084
0.5862	0.7047	0.7054	0.7061	0.7068
0.7075	0.7083	0.7090	0.7097	0.8287
0.8307	0.8312	0.8317	0.8322	0.8327
0.8332	0.8339	0.8345	0.8579	0.8813
0.9048	0.9303	0.9532	0.9776	1.0000

Transect DT03

Area:

0.0011	0.0029	0.0053	0.0083	0.0121
0.0166	0.0220	0.0289	0.0420	0.0570
0.0722	0.0878	0.1037	0.1199	0.1367
0.1546	0.1735	0.1926	0.2118	0.2309
0.2501	0.2693	0.2885	0.3078	0.3272
0.3486	0.3722	0.3959	0.4197	0.4434
0.4672	0.4910	0.5149	0.5418	0.5688
0.5959	0.6229	0.6500	0.6771	0.7042
0.7314	0.7586	0.7861	0.8143	0.8431
0.8726	0.9031	0.9343	0.9666	1.0000

Hrad:

0.0564	0.1088	0.1667	0.2153	0.2533
0.2842	0.3087	0.3186	0.2912	0.2920
0.3081	0.3305	0.3551	0.3789	0.3986
0.4155	0.4375	0.4639	0.4901	0.5162
0.5419	0.5671	0.5919	0.6162	0.6398
0.6577	0.6717	0.6871	0.7033	0.7201
0.7372	0.7544	0.7617	0.7459	0.7684
0.7907	0.8130	0.8352	0.8572	0.8791
0.9008	0.9221	0.9319	0.9434	0.9553
0.9659	0.9760	0.9865	0.9965	1.0000

Width:

0.0458	0.0593	0.0787	0.1005	0.1200
0.1438	0.1712	0.2336	0.4329	0.4416
0.4508	0.4590	0.4671	0.4797	0.5045
0.5405	0.5572	0.5580	0.5587	0.5595
0.5603	0.5611	0.5619	0.5626	0.5786
0.6902	0.6911	0.6921	0.6931	0.6941
0.6951	0.6962	0.7349	0.7888	0.7892
0.7896	0.7900	0.7907	0.7914	0.7922
0.7929	0.7941	0.8135	0.8320	0.8512
0.8743	0.9000	0.9264	0.9551	1.0000

Transect DT04

Area:

0.0010	0.0026	0.0052	0.0091	0.0145
0.0217	0.0365	0.0535	0.0709	0.0886
0.1067	0.1251	0.1440	0.1635	0.1838
0.2048	0.2259	0.2469	0.2680	0.2890
0.3101	0.3312	0.3523	0.3734	0.3945
0.4160	0.4384	0.4609	0.4834	0.5060
0.5285	0.5511	0.5737	0.5963	0.6189
0.6416	0.6642	0.6869	0.7096	0.7323
0.7551	0.7786	0.8031	0.8285	0.8547
0.8819	0.9100	0.9391	0.9691	1.0000

Hrad:

0.0460	0.0790	0.1076	0.1487	0.1752
0.1901	0.1689	0.1828	0.2064	0.2331
0.2611	0.2891	0.3158	0.3412	0.3642
0.3912	0.4192	0.4470	0.4744	0.5014
0.5280	0.5542	0.5800	0.6053	0.6301
0.6537	0.6753	0.6968	0.7180	0.7389
0.7596	0.7800	0.8001	0.8198	0.8393
0.8585	0.8774	0.8959	0.9143	0.9323
0.9452	0.9508	0.9568	0.9638	0.9715
0.9796	0.9880	0.9958	1.0042	1.0000

Width:

0.0414	0.0650	0.1052	0.1440	0.1969
0.2761	0.5352	0.5469	0.5585	0.5702
0.5810	0.5931	0.6101	0.6317	0.6624
0.6693	0.6696	0.6700	0.6703	0.6707
0.6710	0.6713	0.6717	0.6720	0.6723
0.7126	0.7146	0.7164	0.7170	0.7175
0.7181	0.7187	0.7193	0.7198	0.7204
0.7210	0.7216	0.7221	0.7227	0.7233
0.7341	0.7628	0.7927	0.8220	0.8508
0.8800	0.9090	0.9400	0.9691	1.0000

Transect DT05

Area:

0.0015	0.0040	0.0077	0.0129	0.0226
0.0335	0.0461	0.0598	0.0743	0.0895
0.1057	0.1227	0.1407	0.1589	0.1772
0.1956	0.2139	0.2323	0.2507	0.2690
0.2874	0.3058	0.3243	0.3427	0.3611
0.3803	0.4022	0.4245	0.4468	0.4691
0.4915	0.5139	0.5363	0.5587	0.5813
0.6038	0.6265	0.6492	0.6722	0.6962
0.7214	0.7478	0.7753	0.8040	0.8337
0.8647	0.8968	0.9301	0.9645	1.0000

Hrad:

0.0526	0.0924	0.1275	0.1763	0.1852
0.2098	0.2349	0.2627	0.2905	0.3178
0.3438	0.3688	0.3941	0.4234	0.4531
0.4826	0.5116	0.5402	0.5683	0.5959
0.6229	0.6494	0.6753	0.7008	0.7257
0.7483	0.7638	0.7798	0.7964	0.8133
0.8304	0.8476	0.8647	0.8816	0.8985
0.9153	0.9319	0.9483	0.9521	0.9525
0.9527	0.9560	0.9584	0.9634	0.9684
0.9732	0.9797	0.9858	0.9925	1.0000

Width:

0.0565	0.0829	0.1205	0.1892	0.2882
0.3263	0.3672	0.3897	0.4125	0.4354
0.4595	0.4840	0.5039	0.5079	0.5082
0.5085	0.5088	0.5091	0.5094	0.5097
0.5100	0.5103	0.5106	0.5109	0.5112
0.5664	0.6169	0.6177	0.6186	0.6194
0.6202	0.6210	0.6219	0.6235	0.6251
0.6266	0.6281	0.6296	0.6514	0.6818
0.7152	0.7456	0.7793	0.8099	0.8416
0.8748	0.9054	0.9378	0.9695	1.0000

Transect DT05-2

Area:

0.0015	0.0040	0.0077	0.0129	0.0226
0.0335	0.0461	0.0598	0.0743	0.0895
0.1057	0.1227	0.1407	0.1589	0.1772
0.1956	0.2139	0.2323	0.2507	0.2690
0.2874	0.3058	0.3243	0.3427	0.3611
0.3803	0.4022	0.4245	0.4468	0.4691
0.4915	0.5139	0.5363	0.5587	0.5813
0.6038	0.6265	0.6492	0.6722	0.6962
0.7214	0.7478	0.7753	0.8040	0.8337
0.8647	0.8968	0.9301	0.9645	1.0000

Hrad:

0.0526	0.0924	0.1275	0.1763	0.1852
0.2098	0.2349	0.2627	0.2905	0.3178
0.3438	0.3688	0.3941	0.4234	0.4531
0.4826	0.5116	0.5402	0.5683	0.5959
0.6229	0.6494	0.6753	0.7008	0.7257

```
            0.7483     0.7638     0.7798     0.7964     0.8133
            0.8304     0.8476     0.8647     0.8816     0.8985
            0.9153     0.9319     0.9483     0.9521     0.9525
            0.9527     0.9560     0.9584     0.9634     0.9684
            0.9732     0.9797     0.9858     0.9925     1.0000
Width:
            0.0565     0.0829     0.1205     0.1892     0.2882
            0.3263     0.3672     0.3897     0.4125     0.4354
            0.4595     0.4840     0.5039     0.5079     0.5082
            0.5085     0.5088     0.5091     0.5094     0.5097
            0.5100     0.5103     0.5106     0.5109     0.5112
            0.5664     0.6169     0.6177     0.6186     0.6194
            0.6202     0.6210     0.6219     0.6235     0.6251
            0.6266     0.6281     0.6296     0.6514     0.6818
            0.7152     0.7456     0.7793     0.8099     0.8416
            0.8748     0.9054     0.9378     0.9695     1.0000


*********************************************************
NOTE: The summary statistics displayed in this report are
based on results found at every computational time step,
not just on results from each reporting time step.
*********************************************************

****************
Analysis Options
****************
Flow Units ............... CFS
Process Models:
  Rainfall/Runoff ........ YES
  RDII ................... NO
  Snowmelt ............... NO
  Groundwater ............ NO
  Flow Routing ........... YES
  Ponding Allowed ........ YES
  Water Quality .......... NO
Flow Routing Method ...... DYNWAVE
Surcharge Method ......... EXTRAN
Starting Date ............ 03/08/2021 00:00:00
Ending Date .............. 03/09/2021 00:00:00
Antecedent Dry Days ...... 0.0
Report Time Step ......... 00:01:00
Routing Time Step ........ 3.00 sec
Variable Time Step ....... YES
Maximum Trials ........... 8
Number of Threads ........ 6
Head Tolerance ........... 0.005000 ft


**************************         Volume         Volume
Flow Routing Continuity        acre-feet      10^6 gal
**************************     ---------     ---------
Dry Weather Inflow .......         0.000         0.000
Wet Weather Inflow .......         0.000         0.000
Groundwater Inflow .......         0.000         0.000
RDII Inflow ..............         0.000         0.000
External Inflow ..........        50.131        16.336
External Outflow .........        45.856        14.943
Flooding Loss ............         0.000         0.000
Evaporation Loss .........         0.000         0.000
Exfiltration Loss ........         0.000         0.000
Initial Stored Volume ....         0.000         0.000
Final Stored Volume ......         4.206         1.370
Continuity Error (%) .....         0.139


*************************
Highest Continuity Errors
*************************
Node RO1 (4.06%)
Node J9 (3.60%)
Node 19438 (-2.10%)
Node 52033 (1.97%)
Node J6 (1.58%)


***************************
Time-Step Critical Elements
***************************
Link 86624_2 (95.89%)


*********************************
Highest Flow Instability Indexes
*********************************
All links are stable.


*************************
Routing Time Step Summary
*************************
Minimum Time Step           :     0.28 sec
Average Time Step           :     0.99 sec
Maximum Time Step           :     3.00 sec
Percent in Steady State     :    -0.00
Average Iterations per Step :     2.01
Percent Not Converging      :     0.03
Time Step Frequencies       :
    3.000 -  2.096 sec      :     3.32 %
    2.096 -  1.465 sec      :     2.54 %
    1.465 -  1.024 sec      :    30.76 %
    1.024 -  0.715 sec      :    44.19 %
    0.715 -  0.500 sec      :    19.18 %


******************
Node Depth Summary
******************

--------------------------------------------------------------------------------
                                Average  Maximum  Maximum  Time of Max    Reported
                                  Depth    Depth      HGL   Occurrence   Max Depth
Node                 Type          Feet     Feet     Feet  days hr:min        Feet
--------------------------------------------------------------------------------
11194                JUNCTION      0.23     2.74  1428.24     0  12:05        2.72
1170                 JUNCTION      1.18     8.56  1422.39     0  12:20        8.56
12874                JUNCTION      0.74     3.97  1409.37     0  12:21        3.95
13426                JUNCTION      0.46     5.08  1440.89     0  12:21        5.08
14273                JUNCTION      0.89    11.69  1430.98     0  12:13       11.69
14274                JUNCTION      0.66     7.38  1443.36     0  12:12        7.37
14741                JUNCTION      0.10     0.68  1414.28     0  12:18        0.68
15018                JUNCTION      0.54     5.92  1433.70     0  12:21        5.92
16375                JUNCTION      0.97     9.88  1429.98     0  12:24        9.88
16378                JUNCTION      0.84    10.44  1427.79     0  12:15       10.44
16456                JUNCTION      0.88     7.97  1428.52     0  12:25        7.97
16613                JUNCTION      0.01     0.51  1417.93     0  12:17        0.50
16614                JUNCTION      0.09     0.76  1417.92     0  12:17        0.76
16615                JUNCTION      0.15     1.32  1415.60     0  12:17        1.32
16616                JUNCTION      0.24     2.81  1405.81     0  12:12        2.81
16617                JUNCTION      0.07     0.85  1405.84     0  12:13        0.84
16618                JUNCTION      0.07     0.68  1406.18     0  12:04        0.68
16619                JUNCTION      0.36     3.75  1405.23     0  12:13        3.75
16620                JUNCTION      0.29     3.61  1404.48     0  12:14        3.60
16621                JUNCTION      0.75     4.71  1404.01     0  12:16        4.70
16622                JUNCTION      0.00     0.00  1405.39     0  00:00        0.00
16623                JUNCTION      0.82     3.79  1405.02     0  12:20        3.79
16624                JUNCTION      0.85     3.71  1404.66     0  12:19        3.71
16626                JUNCTION      0.14     1.41  1426.31     0  12:05        1.41
19039                JUNCTION      0.82    10.80  1434.40     0  12:12       10.80
19041                JUNCTION      0.80    10.23  1432.07     0  12:13       10.22
19042                JUNCTION      0.45    10.07  1430.36     0  12:16       10.07
19043                JUNCTION      0.57    11.17  1430.98     0  12:13       11.14
19438                JUNCTION      0.11     6.48  1432.63     0  12:08        6.48
23252                JUNCTION      0.25     2.27  1444.19     0  12:18        2.27
23652                JUNCTION      0.15     1.47  1414.47     0  12:26        1.46
23653                JUNCTION      0.32     1.36  1414.36     0  12:26        1.36
25064                JUNCTION      0.69     3.74  1442.15     0  12:19        3.74
3151                 JUNCTION      0.09     0.88  1441.95     0  12:04        0.87
3170                 JUNCTION      0.47     3.75  1442.00     0  12:19        3.75
3386                 JUNCTION      0.60     7.22  1438.18     0  12:12        7.22
3909                 JUNCTION      0.63     7.92  1427.08     0  12:22        7.91
3910                 JUNCTION      1.39    10.64  1424.82     0  12:20       10.64
51235                JUNCTION      0.00     0.00  1442.23     0  00:00        0.00
51236                JUNCTION      0.00     0.00  1446.55     0  00:00        0.00
51631                JUNCTION      0.14     1.02  1434.39     0  12:12        1.02
51632                JUNCTION      0.17     1.29  1430.63     0  12:15        1.28
51633                JUNCTION      0.00     0.00  1432.57     0  00:00        0.00
51637                JUNCTION      0.07     2.00  1429.63     0  12:23        1.99
51638                JUNCTION      0.53     5.40  1429.55     0  12:24        5.40
51639                JUNCTION      1.03     6.87  1429.04     0  12:14        6.87
51641                JUNCTION      0.20     4.69  1430.13     0  12:21        4.69
51642                JUNCTION      0.17     4.85  1430.13     0  12:20        4.83
51643                JUNCTION      0.30     7.65  1430.12     0  12:20        7.65
52031                JUNCTION      2.12     7.16  1427.06     0  12:22        7.16
52032                JUNCTION      0.88     4.93  1427.07     0  12:22        4.93
52033                JUNCTION      1.07     5.28  1427.06     0  12:22        5.28
52034                JUNCTION      0.96     5.10  1427.09     0  12:05        5.10
52035                JUNCTION      2.28     7.49  1427.06     0  12:22        7.49
52036                JUNCTION      1.19     5.40  1426.98     0  12:23        5.40
52037                JUNCTION      0.10     6.29  1432.63     0  12:08        6.29
52038                JUNCTION      0.29     7.65  1432.79     0  12:07        7.64
BMP01OUTLET          JUNCTION      0.33     4.44  1421.94     0  12:32        4.44
BMP02OUTLET          JUNCTION      0.88     7.37  1428.27     0  12:11        7.37
D01                  JUNCTION      0.34     1.98  1397.98     0  12:25        1.98
D02                  JUNCTION      0.80     4.02  1401.57     0  12:25        4.02
D03                  JUNCTION      0.95     4.19  1402.59     0  12:25        4.19
D04                  JUNCTION      0.55     2.95  1402.60     0  12:26        2.95
D05                  JUNCTION      0.63     3.04  1407.07     0  12:28        3.04
D06                  JUNCTION      0.55     2.75  1414.50     0  12:26        2.75
J03                  JUNCTION      0.04     0.41  1412.31     0  12:05        0.41
J04                  JUNCTION      0.11     0.98  1407.98     0  12:10        0.98
J05                  JUNCTION      0.13     2.75  1428.45     0  12:05        2.74
J06                  JUNCTION      0.09     0.86  1429.24     0  12:04        0.85
J07                  JUNCTION      0.20     2.07  1441.13     0  12:04        2.06
J08                  JUNCTION      0.00     0.00  1414.93     0  00:00        0.00
J09                  JUNCTION      0.00     0.00  1413.96     0  00:00        0.00
J1                   JUNCTION      0.00     0.00  1412.25     0  00:00        0.00
J10                  JUNCTION      1.22     3.11  1395.11     0  12:28        3.11
J11                  JUNCTION      0.32     6.66  1449.24     0  12:12        6.66
J12                  JUNCTION      0.00     0.09  1429.13     0  12:26        0.09
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J13	JUNCTION	0.05	0.30	1467.07	0	12:07	0.30
J2	JUNCTION	0.13	0.85	1448.34	0	12:13	0.85
J3	JUNCTION	0.01	0.07	1434.72	0	12:14	0.07
J4	JUNCTION	0.10	0.57	1448.07	0	12:18	0.57
J5	JUNCTION	0.24	1.43	1446.60	0	12:11	1.42
J6	JUNCTION	0.02	0.62	1423.70	0	12:18	0.61
J7	JUNCTION	0.72	3.46	1410.09	0	12:27	3.46
J8	JUNCTION	0.64	3.14	1390.74	0	12:28	3.14
J9	JUNCTION	4.54	8.51	1395.11	0	12:27	8.51
RO1	JUNCTION	0.00	0.04	1422.18	0	12:10	0.04
OF1	OUTFALL	0.63	3.14	1387.14	0	12:28	3.14
BMP_ALTA	STORAGE	0.48	5.90	1430.90	0	12:32	5.90
BMP_ALTB	STORAGE	0.49	2.41	1416.41	0	13:06	2.41
SU1	STORAGE	3.26	7.47	1424.97	0	12:29	7.47
SU2	STORAGE	3.33	7.32	1428.32	0	12:05	7.31

****
Node Inflow Summary
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Node	Type	Maximum Lateral Inflow CFS	Maximum Total Inflow CFS	Time of Max Occurrence days	hr:min	Lateral Inflow Volume 10^6 gal	Total Inflow Volume 10^6 gal	Flow Balance Error Percent
11194	JUNCTION	9.51	22.42	0	12:05	0.133	0.3	0.026
1170	JUNCTION	0.00	198.01	0	12:24	0	9.48	0.006
12874	JUNCTION	0.00	20.24	0	13:06	0	2.65	0.004
13426	JUNCTION	0.00	162.84	0	12:13	0	3.47	0.675
14273	JUNCTION	0.00	264.79	0	12:12	0	5.33	0.271
14274	JUNCTION	0.00	264.90	0	12:11	0	5.31	0.438
14741	JUNCTION	0.00	8.36	0	12:17	0	0.213	0.037
15018	JUNCTION	0.00	100.72	0	12:21	0	3.45	-0.007
16375	JUNCTION	0.00	100.89	0	12:22	0	4.81	-0.044
16378	JUNCTION	0.00	149.50	0	12:12	0	4.99	0.032
16456	JUNCTION	0.00	29.26	0	12:03	0	1.58	0.009
16613	JUNCTION	0.00	0.03	0	12:10	0	0.000101	0.109
16614	JUNCTION	0.00	9.03	0	12:14	0	0.215	0.715
16615	JUNCTION	0.00	8.36	0	12:17	0	0.213	0.012
16616	JUNCTION	3.23	33.87	0	12:10	0.0604	0.785	0.055
16617	JUNCTION	0.00	2.92	0	12:04	0	0.0332	0.004
16618	JUNCTION	2.91	2.91	0	12:04	0.0332	0.0332	0.004
16619	JUNCTION	6.68	36.60	0	12:11	0.0965	0.881	0.235
16620	JUNCTION	0.00	36.27	0	12:12	0	0.879	-0.128
16621	JUNCTION	0.00	50.03	0	12:13	0	3.59	0.056
16622	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 gal
16623	JUNCTION	0.00	20.24	0	13:07	0	2.65	0.011
16624	JUNCTION	4.25	20.46	0	13:03	0.0591	2.71	-0.018
16626	JUNCTION	4.26	26.40	0	12:05	0.0497	0.349	0.005
19039	JUNCTION	0.00	261.71	0	12:12	0	5.3	0.165
19041	JUNCTION	0.00	261.71	0	12:12	0	5.29	-0.084
19042	JUNCTION	0.00	5.77	0	12:13	0	0.0562	0.012
19043	JUNCTION	0.00	7.50	0	12:13	0	0.0584	-0.073
19438	JUNCTION	0.00	2.30	0	12:08	0	0.00356	-2.054
23252	JUNCTION	0.00	74.72	0	12:18	0	2.06	0.227
23652	JUNCTION	0.00	86.27	0	12:28	0	2.18	0.010
23653	JUNCTION	0.00	198.01	0	12:24	0	9.48	0.007
25064	JUNCTION	0.00	33.88	0	12:18	0	1.79	0.002
3151	JUNCTION	13.93	13.93	0	12:04	0.166	0.166	0.004
3170	JUNCTION	0.00	98.80	0	12:18	0	2.66	0.087
3386	JUNCTION	0.00	261.74	0	12:12	0	5.29	-0.151
3909	JUNCTION	0.00	82.49	0	12:09	0	4.59	0.003
3910	JUNCTION	0.00	198.01	0	12:24	0	9.49	0.049
51235	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 gal
51236	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 gal
51631	JUNCTION	13.09	13.09	0	12:12	0.278	0.278	-0.260
51632	JUNCTION	10.10	15.92	0	12:10	0.114	0.392	0.324
51633	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 gal
51637	JUNCTION	0.00	2.17	0	12:13	0	0.00169	-0.052
51638	JUNCTION	0.00	26.62	0	12:13	0	1.04	0.217
51639	JUNCTION	9.80	108.33	0	12:13	0.11	1.38	-0.950
51641	JUNCTION	2.35	2.66	0	12:15	0.0264	0.0283	-0.223
51642	JUNCTION	0.00	4.79	0	12:14	0	0.0338	-0.553
51643	JUNCTION	0.00	5.90	0	12:13	0	0.0511	0.379
52031	JUNCTION	0.00	29.94	0	12:14	0	1.19	0.708
52032	JUNCTION	0.00	21.14	0	12:15	0	0.111	0.062
52033	JUNCTION	0.00	113.12	0	12:05	0	1.03	2.007
52034	JUNCTION	0.00	112.99	0	12:05	0	0.928	0.577
52035	JUNCTION	2.52	122.81	0	12:08	0.0281	2.38	-0.705
52036	JUNCTION	0.00	48.07	0	12:20	0	0.757	0.051
52037	JUNCTION	0.00	1.04	0	12:05	0	0.00013	-11.563
52038	JUNCTION	17.03	17.03	0	12:08	0.274	0.275	0.511
BMP01OUTLET	JUNCTION	0.00	86.37	0	12:29	0	2.18	0.011
BMP02OUTLET	JUNCTION	0.00	29.40	0	12:03	0	1.52	0.002
D01	JUNCTION	2.40	323.34	0	12:25	0.0277	15.6	0.017
D02	JUNCTION	0.00	323.08	0	12:25	0	15.6	0.010
D03	JUNCTION	0.00	323.08	0	12:25	0	15.6	0.027
D04	JUNCTION	1.51	286.52	0	12:27	0.0188	12	0.034
D05	JUNCTION	0.53	283.60	0	12:27	0.00673	11.7	0.077
D06	JUNCTION	3.06	283.86	0	12:26	0.0358	11.7	0.029
J03	JUNCTION	0.00	26.41	0	12:05	0	0.349	0.056
J04	JUNCTION	24.37	24.37	0	12:10	0.479	0.479	0.122
J05	JUNCTION	0.00	13.85	0	12:04	0	0.166	0.004
J06	JUNCTION	0.00	13.91	0	12:04	0	0.166	0.004
J07	JUNCTION	0.00	13.91	0	12:04	0	0.166	0.007
J08	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 gal
J09	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 gal
J1	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 gal
J10	JUNCTION	0.00	323.34	0	12:26	0	15.6	0.820
J11	JUNCTION	0.00	41.42	0	12:07	0	0.609	-0.587
J12	JUNCTION	0.00	2.85	0	12:20	0	0.00929	0.696
J13	JUNCTION	41.67	41.67	0	12:07	0.613	0.613	0.728
J2	JUNCTION	163.06	163.06	0	12:13	3.48	3.48	0.051
J3	JUNCTION	9.04	9.04	0	12:14	0.215	0.215	0.058
J4	JUNCTION	74.80	74.80	0	12:18	2.06	2.06	0.017
J5	JUNCTION	265.35	265.35	0	12:11	5.31	5.31	-0.115
J6	JUNCTION	0.00	73.40	0	12:15	0	0.2	1.609
J7	JUNCTION	0.00	283.74	0	12:26	0	11.7	0.231
J8	JUNCTION	0.00	322.39	0	12:27	0	14.9	0.054
J9	JUNCTION	0.00	322.78	0	12:26	0	15.5	3.735
RO1	JUNCTION	0.00	1.97	0	12:09	0	0.00219	4.233
OF1	OUTFALL	0.00	322.34	0	12:28	0	14.9	0.000
BMP_ALTA	STORAGE	13.09	75.33	0	12:16	0.15	0.636	-0.355
BMP_ALTB	STORAGE	20.83	83.67	0	12:18	0.327	2.76	0.009
SU1	STORAGE	1.12	94.95	0	12:20	0.0196	2.59	0.541
SU2	STORAGE	142.30	142.30	0	12:05	2.18	2.33	0.158

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Node Surcharge Summary
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Surcharging occurs when water rises above the top of the highest conduit.

Node	Type	Hours Surcharged	Max. Height Above Crown Feet	Min. Depth Below Rim Feet
1170	JUNCTION	0.69	3.561	3.639
3910	JUNCTION	0.74	5.641	5.559
52037	JUNCTION	0.27	5.040	0.310
J05	JUNCTION	0.08	0.748	1.162
J07	JUNCTION	0.02	0.031	2.033

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Node Flooding Summary
****

No nodes were flooded.

****
Storage Volume Summary
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Storage Unit	Average Volume 1000 ft3	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 ft3	Max Pcnt Full	Time of Max Occurrence days	hr:min	Maximum Outflow CFS
BMP_ALTA	4.116	4	0	0	60.197	64	0	12:32	18.29
BMP_ALTB	23.352	6	0	0	119.177	30	0	13:06	20.24
SU1	29.863	28	0	0	80.962	75	0	12:29	86.37
SU2	10.926	26	0	0	36.111	85	0	12:05	140.54

****
Outfall Loading Summary
****

Outfall Node	Flow Freq Pcnt	Avg Flow CFS	Max Flow CFS	Total Volume 10^6 gal
OF1	52.75	59.54	322.34	14.942
System	52.75	59.54	322.34	14.942

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Link Flow Summary
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Link	Type	Maximum |Flow| CFS	Time of Max Occurrence days	hr:min	Maximum |Veloc| ft/sec	Max/ Full Flow	Max/ Full Depth
26126	CONDUIT	323.34	0	12:26	12.73	0.26	0.42
29037	CONDUIT	5.77	0	12:13	4.70	1.18	1.00
29038	CONDUIT	6.30	0	12:11	5.14	0.83	1.00
29040	CONDUIT	101.65	0	12:07	14.39	0.99	1.00
30304	CONDUIT	103.55	0	12:09	14.65	0.85	1.00
30306_1	CONDUIT	128.92	0	12:10	13.40	1.10	1.00
30306_2	CONDUIT	131.02	0	12:11	13.62	1.10	1.00
33414	CONDUIT	82.49	0	12:09	11.67	0.93	1.00

33415	CONDUIT	82.08	0	12:10	11.61	0.48	1.00
33421	CONDUIT	125.12	0	12:13	7.87	0.78	1.00
33422	CONDUIT	149.50	0	12:12	9.40	1.06	1.00
33570	CONDUIT	29.04	0	12:03	9.24	1.42	1.00
33571	CONDUIT	29.26	0	12:03	9.31	1.22	1.00
34005	CONDUIT	0.03	0	12:10	0.15	0.01	0.51
34006	CONDUIT	8.36	0	12:17	6.70	0.71	0.66
34007	CONDUIT	8.36	0	12:17	7.89	0.46	0.81
34008	CONDUIT	24.98	0	12:10	8.51	0.21	0.69
34009	CONDUIT	8.36	0	12:18	6.65	0.42	0.73
34010	CONDUIT	2.90	0	12:04	3.61	0.34	0.84
34011	CONDUIT	2.92	0	12:04	5.13	0.43	0.48
34012	CONDUIT	32.72	0	12:12	5.24	0.50	0.97
34013	CONDUIT	36.27	0	12:12	5.90	0.73	1.00
34014	CONDUIT	49.81	0	12:13	7.05	1.00	1.00
34015	CONDUIT	36.13	0	12:12	5.25	0.28	1.00
34016	CONDUIT	20.24	0	13:07	11.45	0.87	1.00
34017	CONDUIT	0.00	0	00:00	0.00	0.00	0.50
34018	CONDUIT	20.50	0	12:53	4.84	1.17	1.00
34019	CONDUIT	20.24	0	13:07	4.15	0.71	1.00
34026	CONDUIT	13.91	0	12:04	4.96	0.87	0.84
34027	CONDUIT	22.41	0	12:05	7.40	1.42	0.92
34028	CONDUIT	26.41	0	12:05	19.11	0.35	0.46
34066	CONDUIT	198.01	0	12:24	10.08	1.73	1.00
76613	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
77008	CONDUIT	13.06	0	12:12	8.46	0.46	0.53
77010	CONDUIT	24.16	0	12:53	7.72	1.69	1.00
77012	CONDUIT	33.88	0	12:18	10.79	0.28	1.00
77013	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
77014	CONDUIT	16.03	0	12:06	8.04	0.54	0.82
77409	CONDUIT	0.00	0	00:00	0.00	0.00	0.31
77808	CONDUIT	2.17	0	12:13	2.00	0.13	1.00
77809	CONDUIT	2.36	0	12:04	4.22	0.54	1.00
77810	CONDUIT	2.73	0	12:33	7.22	0.20	1.00
77811	CONDUIT	5.32	0	12:13	4.35	0.38	1.00
77812	CONDUIT	21.34	0	12:57	5.25	0.69	1.00
77814	CONDUIT	29.94	0	12:14	6.10	0.88	1.00
78208	CONDUIT	27.65	0	12:53	5.63	0.95	1.00
78209	CONDUIT	71.11	0	12:07	14.49	1.34	1.00
78210	CONDUIT	5.56	0	12:03	4.53	1.14	1.00
78211	CONDUIT	11.02	0	12:03	8.98	3.81	1.00
78212	CONDUIT	11.68	0	12:03	9.52	1.84	1.00
78213	CONDUIT	86.27	0	12:28	15.60	0.59	0.74
78214	CONDUIT	198.01	0	12:24	15.05	0.57	0.64
78215	CONDUIT	1.04	0	12:05	0.85	0.13	1.00
78216	CONDUIT	2.30	0	12:08	1.87	0.29	1.00
78217	CONDUIT	8.66	0	12:03	4.22	0.18	1.00
78218	CONDUIT	15.02	0	12:08	8.50	1.18	1.00
86624_1	CONDUIT	13.85	0	12:04	5.77	0.27	0.71
86624_2	CONDUIT	13.82	0	12:04	4.40	0.27	1.00
86628	CONDUIT	13.91	0	12:04	5.75	0.25	0.72
C1	CHANNEL	0.00	0	00:00	0.00	0.00	0.01
C10	CHANNEL	198.06	0	12:24	4.65	0.01	0.19
C11	CHANNEL	0.00	0	00:00	0.00	0.00	0.03
C12	CONDUIT	0.00	0	00:00	0.00	0.00	0.21
C13	CONDUIT	27.28	0	12:05	11.36	1.20	1.00
C13_1	CHANNEL	0.00	0	00:00	0.00	0.00	0.02
C13_2	CHANNEL	1.20	0	12:10	0.42	0.04	0.61
C14	CHANNEL	26.43	0	12:15	1.18	0.01	0.27
C15	CHANNEL	108.93	0	12:05	3.55	0.03	0.21
C16	CONDUIT	0.00	0	00:00	0.00	0.00	0.18
C17	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C18	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C19	CONDUIT	40.71	0	12:18	6.54	0.11	0.31
C2	CHANNEL	0.00	0	00:00	0.00	0.00	0.50
C20	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C21	CHANNEL	0.00	0	00:00	0.00	0.00	0.50
C21_1	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C21_2	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C22	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C22_1	CHANNEL	0.94	0	12:26	1.30	0.00	0.00
C23	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C24	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C25	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C25_1	CHANNEL	63.77	0	12:19	4.85	0.00	0.07
C26	CHANNEL	17.93	0	12:14	1.31	0.25	0.93
C27	CHANNEL	110.61	0	12:06	1.63	0.00	0.07
C28	CHANNEL	28.13	0	12:22	1.57	0.29	0.74
C29	CONDUIT	26.16	0	12:19	3.21	0.33	0.41
C3	CONDUIT	19.66	0	12:05	1.85	0.01	0.57
C30	CHANNEL	1.97	0	12:09	6.17	0.02	0.15
C31	CHANNEL	9.94	0	12:25	0.55	0.01	0.20
C32	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C33	CONDUIT	47.22	0	12:22	5.57	0.30	0.85
C34	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C35	CHANNEL	21.14	0	12:15	1.45	0.00	0.07
C35_1	CHANNEL	73.40	0	12:15	20.91	0.02	0.18
C35_2	CHANNEL	42.26	0	12:18	1.82	0.00	0.04
C36	CONDUIT	78.46	0	12:40	11.10	0.73	1.00
C37	CHANNEL	9.03	0	12:14	0.86	0.00	0.01
C38	CHANNEL	162.84	0	12:13	2.07	0.00	0.16
C39	CHANNEL	35.84	0	12:22	3.47	0.00	0.01
C4	CHANNEL	322.78	0	12:26	>50.00	0.00	0.20
C40	CHANNEL	74.72	0	12:18	1.72	0.16	0.71
C41	CONDUIT	175.13	0	12:12	9.50	0.75	0.92
C42	CONDUIT	190.04	0	12:12	9.46	0.07	0.20
C43	CONDUIT	162.47	0	12:12	9.05	0.25	0.45
C44	CONDUIT	0.00	0	00:00	0.00	0.00	0.06
C45	CHANNEL	264.90	0	12:11	2.90	0.00	0.33
C46	CONDUIT	192.91	0	12:13	6.81	0.29	0.47
C47	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C48	CONDUIT	1.88	0	12:15	0.46	0.03	0.61
C49	CONDUIT	4.12	0	12:14	0.36	0.01	0.82
C5	CONDUIT	100.72	0	12:21	15.01	0.91	1.00
C50	CONDUIT	5.51	0	12:13	0.53	0.03	0.54
C51	CONDUIT	2.85	0	12:20	1.41	0.02	0.10
C52	CHANNEL	41.42	0	12:07	5.80	0.00	0.07
C53	CONDUIT	18.52	0	12:14	5.89	1.34	1.00
C54	CONDUIT	20.24	0	13:06	13.33	0.79	1.00
C55	CONDUIT	35.04	0	12:06	12.64	0.96	0.89
C6	CONDUIT	26.36	0	12:05	3.73	0.23	0.71
C7	CHANNEL	322.34	0	12:28	5.20	0.01	0.14
C8	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C9	CHANNEL	97.61	0	12:49	2.89	0.01	0.25
C999	CONDUIT	106.16	0	12:13	3.75	0.27	0.52
DT01	CHANNEL	323.07	0	12:25	9.12	0.00	0.06
DT02	CHANNEL	323.08	0	12:25	8.18	0.00	0.07
DT03	CHANNEL	286.67	0	12:28	4.62	0.00	0.06
DT04	CHANNEL	283.51	0	12:28	8.06	0.00	0.05
DT05_1	CHANNEL	283.73	0	12:26	7.88	0.00	0.05
DT05_2	CHANNEL	283.53	0	12:27	7.34	0.00	0.05
OR1	ORIFICE	3.79	0	12:00			1.00
OR2	ORIFICE	27.68	0	12:01			
OR3	ORIFICE	0.61	0	12:12			1.00
OR4	ORIFICE	85.91	0	12:29			
OR5	ORIFICE	322.39	0	12:27			
BMP1_CREST	WEIR	0.00	0	00:00			0.00
BMP1_ES	WEIR	0.00	0	00:00			0.00
BMP4_CREST	WEIR	0.00	0	00:00			0.00
BMP4_ES	WEIR	0.00	0	00:00			0.00
W1	WEIR	112.99	0	12:05			0.32
W2	WEIR	0.00	0	00:00			0.00

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Flow Classification Summary
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	Adjusted	---------- Fraction of Time in Flow Class ----------								
Conduit	/Actual Length	Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl
26126	1.00	0.04	0.00	0.00	0.87	0.09	0.00	0.00	0.81	0.00
29037	1.00	0.24	0.00	0.00	0.45	0.00	0.00	0.30	0.30	0.00
29038	1.00	0.09	0.16	0.00	0.65	0.10	0.00	0.00	0.13	0.00
29040	1.00	0.00	0.00	0.00	0.38	0.62	0.00	0.00	0.00	0.00
30304	1.00	0.09	0.00	0.00	0.30	0.61	0.00	0.00	0.71	0.00
30306_1	1.00	0.09	0.00	0.00	0.05	0.12	0.00	0.74	0.00	0.00
30306_2	1.00	0.09	0.00	0.00	0.05	0.00	0.00	0.86	0.00	0.00
33414	1.00	0.23	0.00	0.00	0.05	0.00	0.00	0.71	0.00	0.00
33415	1.00	0.09	0.15	0.00	0.56	0.21	0.00	0.00	0.63	0.00
33421	1.00	0.09	0.06	0.00	0.85	0.00	0.00	0.00	0.78	0.00
33422	1.00	0.09	0.00	0.00	0.32	0.59	0.00	0.00	0.06	0.00
33570	1.00	0.23	0.00	0.00	0.55	0.08	0.00	0.13	0.00	0.00
33571	1.00	0.23	0.00	0.00	0.36	0.22	0.00	0.19	0.00	0.00
34005	1.00	0.38	0.54	0.00	0.09	0.00	0.00	0.00	0.47	0.00
34006	1.00	0.39	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00
34007	1.00	0.38	0.00	0.00	0.02	0.61	0.00	0.00	0.51	0.00
34008	1.00	0.02	0.29	0.00	0.15	0.54	0.00	0.00	0.80	0.00
34009	1.00	0.09	0.31	0.00	0.30	0.30	0.00	0.00	0.54	0.00
34010	1.00	0.09	0.00	0.00	0.56	0.35	0.00	0.00	0.53	0.00
34011	1.00	0.08	0.00	0.00	0.04	0.88	0.00	0.00	0.00	0.00
34012	1.00	0.09	0.00	0.00	0.45	0.47	0.00	0.00	0.74	0.00
34013	1.00	0.09	0.00	0.00	0.06	0.00	0.00	0.85	0.00	0.00
34014	1.00	0.04	0.05	0.00	0.91	0.00	0.00	0.00	0.56	0.00
34015	1.00	0.09	0.00	0.00	0.53	0.05	0.00	0.33	0.44	0.00
34016	1.00	0.34	0.00	0.00	0.16	0.02	0.00	0.47	0.00	0.00
34017	1.00	0.78	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34018	1.00	0.19	0.00	0.00	0.06	0.00	0.00	0.75	0.00	0.00
34019	1.00	0.32	0.02	0.00	0.66	0.00	0.00	0.00	0.06	0.00
34026	1.00	0.03	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00
34027	1.00	0.03	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00
34028	1.00	0.03	0.00	0.00	0.00	0.97	0.00	0.00	0.00	0.00
34066	1.00	0.09	0.00	0.00	0.91	0.00	0.00	0.00	0.00	0.00
76613	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
77008	1.00	0.06	0.00	0.00	0.00	0.03	0.00	0.90	0.01	0.00
77010	1.00	0.35	0.02	0.00	0.07	0.00	0.00	0.55	0.01	0.00
77012	1.00	0.04	0.00	0.00	0.39	0.58	0.00	0.00	0.41	0.00
77013	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
77014	1.00	0.12	0.00	0.00	0.12	0.10	0.00	0.66	0.12	0.00
77409	1.00	0.40	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
77808	1.00	0.32	0.60	0.00	0.07	0.00	0.00	0.00	0.46	0.00
77809	1.00	0.24	0.00	0.00	0.08	0.68	0.00	0.00	0.00	0.00
77810	1.00	0.24	0.00	0.00	0.04	0.00	0.00	0.72	0.00	0.00
77811	1.00	0.24	0.00	0.00	0.08	0.01	0.00	0.66	0.03	0.00
77812	1.00	0.12	0.00	0.00	0.53	0.00	0.00	0.34	0.44	0.00
77814	1.00	0.13	0.00	0.00	0.82	0.06	0.00	0.00	0.27	0.00
78208	1.00	0.13	0.00	0.00	0.55	0.00	0.00	0.32	0.00	0.00
78209	1.00	0.13	0.00	0.00	0.52	0.00	0.00	0.35	0.00	0.00

78210	1.00	0.47	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.00
78211	1.00	0.47	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.00
78212	1.00	0.47	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.00
78213	1.00	0.15	0.00	0.00	0.03	0.82	0.00	0.00	0.01	0.00
78214	1.00	0.09	0.04	0.00	0.10	0.76	0.00	0.00	0.14	0.00
78215	1.00	0.47	0.00	0.00	0.53	0.00	0.00	0.00	0.47	0.00
78216	1.00	0.31	0.60	0.00	0.08	0.00	0.00	0.00	0.46	0.00
78217	1.00	0.20	0.00	0.00	0.53	0.09	0.00	0.18	0.04	0.00
78218	1.00	0.20	0.00	0.00	0.52	0.00	0.00	0.28	0.46	0.00
86624_1	1.00	0.03	0.00	0.00	0.01	0.95	0.00	0.00	0.29	0.00
86624_2	1.00	0.03	0.00	0.00	0.58	0.39	0.00	0.00	0.47	0.00
86628	1.00	0.03	0.00	0.00	0.01	0.89	0.00	0.07	0.78	0.00
C1	1.00	0.31	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C10	1.00	0.09	0.00	0.00	0.91	0.00	0.00	0.00	0.71	0.00
C11	1.00	0.48	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C12	1.00	0.03	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C13	1.00	0.02	0.00	0.00	0.80	0.18	0.00	0.00	0.78	0.00
C13_1	1.00	0.48	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C13_2	1.00	0.10	0.38	0.00	0.52	0.00	0.00	0.00	0.49	0.00
C14	1.00	0.94	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00
C15	1.00	0.94	0.00	0.00	0.05	0.00	0.00	0.01	0.46	0.00
C16	1.00	0.95	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C17	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C18	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C19	1.00	0.95	0.01	0.00	0.00	0.03	0.00	0.00	0.49	0.00
C2	1.00	0.24	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C20	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C21	1.00	0.10	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C21_1	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C21_2	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C22	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C22_1	1.00	0.49	0.00	0.00	0.00	0.00	0.00	0.51	0.00	0.00
C23	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C24	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C25	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C25_1	1.00	0.95	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
C26	1.00	0.94	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00
C27	1.00	0.94	0.00	0.00	0.06	0.00	0.00	0.00	0.47	0.00
C28	1.00	0.94	0.00	0.00	0.05	0.00	0.01	0.00	0.47	0.00
C29	1.00	0.95	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
C3	1.00	0.04	0.91	0.00	0.04	0.00	0.01	0.00	0.01	0.00
C30	1.00	0.48	0.52	0.00	0.00	0.01	0.00	0.00	0.49	0.00
C31	1.00	0.95	0.02	0.00	0.03	0.00	0.00	0.00	0.49	0.00
C32	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C33	1.00	0.14	0.81	0.00	0.04	0.01	0.00	0.00	0.48	0.00
C34	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C35	1.00	0.94	0.04	0.00	0.02	0.00	0.00	0.00	0.49	0.00
C35_1	1.00	0.49	0.49	0.00	0.01	0.01	0.00	0.00	0.49	0.00
C35_2	1.00	0.49	0.00	0.00	0.00	0.00	0.00	0.51	0.00	0.00
C36	1.00	0.25	0.03	0.00	0.10	0.63	0.00	0.00	0.61	0.00
C37	1.00	0.38	0.01	0.00	0.60	0.02	0.00	0.00	0.54	0.00
C38	1.00	0.00	0.26	0.00	0.72	0.02	0.00	0.00	0.61	0.00
C39	1.00	0.96	0.00	0.00	0.00	0.01	0.00	0.03	0.00	0.00
C4	1.00	0.05	0.00	0.00	0.89	0.05	0.00	0.00	0.29	0.00
C40	1.00	0.02	0.00	0.00	0.97	0.01	0.00	0.00	0.68	0.00
C41	1.00	0.97	0.00	0.00	0.00	0.02	0.00	0.00	0.49	0.00
C42	1.00	0.97	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
C43	1.00	0.97	0.00	0.00	0.00	0.02	0.00	0.00	0.49	0.00
C44	1.00	0.98	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C45	1.00	0.00	0.03	0.00	0.95	0.02	0.00	0.00	0.73	0.00
C46	1.00	0.98	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
C47	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C48	1.00	0.98	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
C49	1.00	0.97	0.01	0.00	0.02	0.00	0.00	0.00	0.48	0.00
C5	1.00	0.00	0.00	0.00	0.03	0.01	0.00	0.96	0.00	0.00
C50	1.00	0.98	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C51	1.00	0.98	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
C52	1.00	0.27	0.00	0.00	0.02	0.00	0.00	0.71	0.01	0.00
C53	1.00	0.32	0.00	0.00	0.40	0.00	0.00	0.27	0.09	0.00
C54	1.00	0.32	0.00	0.00	0.13	0.03	0.00	0.52	0.00	0.00
C55	1.00	0.03	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00
C6	1.00	0.03	0.00	0.00	0.96	0.00	0.00	0.00	0.88	0.00
C7	1.00	0.47	0.00	0.00	0.53	0.00	0.00	0.00	0.19	0.00
C8	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C9	1.00	0.10	0.06	0.00	0.84	0.00	0.00	0.00	0.64	0.00
C999	1.00	0.96	0.02	0.00	0.02	0.00	0.00	0.00	0.49	0.00
DT01	1.00	0.05	0.00	0.00	0.00	0.00	0.00	0.95	0.00	0.00
DT02	1.00	0.04	0.00	0.00	0.91	0.05	0.00	0.00	0.06	0.00
DT03	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.83	0.00
DT04	1.00	0.03	0.21	0.00	0.16	0.60	0.00	0.00	0.03	0.00
DT05_1	1.00	0.10	0.00	0.00	0.88	0.02	0.00	0.00	0.64	0.00
DT05_2	1.00	0.10	0.00	0.00	0.90	0.00	0.00	0.00	0.00	0.00

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Conduit Surcharge Summary
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Conduit	Hours Full: Both Ends	Hours Full: Upstream	Hours Full: Dnstream	Hours Above Full Normal Flow	Hours Capacity Limited
29037	0.74	0.74	0.79	0.04	0.08
29038	0.79	0.79	1.49	0.01	0.01
29040	0.58	0.62	0.60	0.01	0.52
30304	0.60	0.60	0.67	0.01	0.01
30306_1	0.61	0.63	0.61	0.01	0.60
30306_2	0.61	0.62	0.61	0.01	0.38
33414	0.67	0.79	0.67	0.01	0.67
33415	0.67	0.67	1.05	0.01	0.01
33421	0.65	0.65	0.78	0.01	0.01
33422	0.61	0.61	0.65	0.12	0.27
33570	0.93	0.95	0.93	0.42	0.36
33571	0.94	0.96	0.94	0.17	0.38
34007	0.01	0.01	0.12	0.01	0.01
34008	0.01	0.01	0.08	0.01	0.01
34009	0.01	0.01	0.25	0.01	0.01
34010	0.01	0.01	0.30	0.01	0.01
34012	0.01	0.01	0.20	0.01	0.01
34013	0.18	0.20	0.23	0.01	0.13
34014	0.75	0.75	0.82	0.02	0.36
34015	0.25	0.25	0.73	0.01	0.01
34016	2.65	2.86	2.74	0.01	2.63
34018	0.44	0.72	0.44	2.82	0.40
34019	0.62	2.74	0.63	0.01	0.55
34026	0.01	0.03	0.01	0.01	0.01
34027	0.01	0.09	0.01	0.09	0.01
34066	0.69	0.74	0.69	0.75	0.69
77010	0.77	1.09	0.77	0.38	0.77
77012	0.44	0.44	1.09	0.01	0.01
77014	0.01	0.01	1.16	0.01	0.01
77808	0.48	0.48	11.78	0.01	0.01
77809	0.38	0.38	0.39	0.01	0.02
77810	0.39	0.39	0.52	0.01	0.01
77811	0.61	0.61	0.72	0.01	0.01
77812	1.06	1.06	1.39	0.01	0.01
77814	1.40	1.40	11.93	0.01	0.01
78208	11.93	11.93	11.93	0.01	0.62
78209	11.91	11.94	11.91	0.17	0.88
78210	2.59	2.59	11.94	0.01	0.01
78211	11.95	11.95	11.95	0.16	0.21
78212	11.94	11.94	11.94	0.03	0.06
78213	0.01	0.33	0.01	0.01	0.01
78214	0.01	0.69	0.01	0.01	0.01
78215	0.27	0.27	0.31	0.01	0.01
78216	0.31	0.31	0.71	0.01	0.01
78217	1.80	1.80	11.94	0.01	0.01
78218	0.61	0.61	11.92	0.11	0.14
86624_1	0.01	0.01	0.08	0.01	0.01
86624_2	0.08	0.08	0.09	0.01	0.03
86628	0.01	0.01	0.02	0.01	0.01
C13	0.28	0.32	0.81	0.30	0.28
C13_2	0.01	0.01	11.87	0.01	0.01
C26	0.01	0.01	0.38	0.01	0.01
C3	0.01	0.01	11.95	0.01	0.01
C33	0.01	0.01	11.91	0.01	0.01
C36	0.57	0.57	0.77	0.01	0.01
C40	0.01	0.01	0.72	0.01	0.01
C41	0.01	0.01	0.02	0.01	0.01
C49	0.01	0.01	11.77	0.01	0.01
C5	0.42	0.42	0.54	0.01	0.31
C53	1.03	1.17	1.16	1.00	0.87
C54	2.17	2.17	2.82	0.01	0.01
C55	0.01	0.78	0.01	0.01	0.01
C6	0.01	0.01	1.92	0.01	0.01

Analysis begun on: Tue Jun 15 13:23:18 2021
Analysis ended on: Tue Jun 15 13:23:23 2021
Total elapsed time: 00:00:05

ALTERNATIVE D 10-YEAR SWMM OUTPUTS

ALTERNATIVE RUNOFF METHOD (ARM) - PCSWMM VERSION 7.4.3202

This is a new version of ARM - your feedback and suggestions are solicited.
Create a ticket, post on the PCSWMM feature request forum, or email us directly!

Simulation start time: 03/08/2021 00:00:00
Simulation end time: 03/09/2021 00:00:00
Runoff wet weather time steps: 60 seconds
Report time steps: 60 seconds
Number of data points: 1441

****
Unit Hydrographs Runoff Method
****

Subcatchment	Runoff Method	Raingage	Area (ac)	Time of Concentration (min)	Time to Peak (min)	Peak UH Flow (CFS/in)	UH Depth (in)
DA-2	Dimensionless UH (483.4)	10YR	10.306	8.89	5.83	23.69	80.08214	0.992
DA-5	Dimensionless UH (483.4)	10YR	4.523	10.88	7.03	29	29.1707	0.996
DA-6	Dimensionless UH (483.4)	10YR	66.259	17.6	11.06	46.92	271.51338	1.001
DA-1A	Dimensionless UH (483.4)	10YR	0.49	5	3.5	13.33	6.34462	0.994
DA-1B	Dimensionless UH (483.4)	10YR	0.822	9.21	6.03	24.55	6.18188	0.993
DA-4	Dimensionless UH (483.4)	10YR	1.823	5	3.5	13.33	23.60459	0.994
DA-4A	Dimensionless UH (483.4)	10YR	3.454	7.7	5.12	20.53	30.57245	0.991
DA-4B	Dimensionless UH (483.4)	10YR	0.578	5	3.5	13.33	7.48407	0.994
DA-8	Dimensionless UH (483.4)	10YR	0.946	5	3.5	13.33	12.24901	0.994
DA-8C	Dimensionless UH (483.4)	10YR	0.685	5	3.5	13.33	8.86953	0.994
DA-2A	Dimensionless UH (483.4)	10YR	0.959	8.15	5.39	21.74	8.05872	0.992
DA-8A	Dimensionless UH (483.4)	10YR	0.259	5	3.5	13.33	3.35359	0.994
DA-8B	Dimensionless UH (483.4)	10YR	0.675	5	3.5	13.33	8.74004	0.994
DA-3A	Dimensionless UH (483.4)	10YR	6.017	19.37	12.12	51.64	22.49488	1.001
DA-3D	Dimensionless UH (483.4)	10YR	0.422	5	3.5	13.33	5.46415	0.994
DA-3B	Dimensionless UH (483.4)	10YR	0.823	14.27	9.06	38.05	4.11552	0.998
DA-3	Dimensionless UH (483.4)	10YR	16.963	12.69	8.12	33.84	94.72865	0.998
DA-3C	Dimensionless UH (483.4)	10YR	0.762	7.16	4.8	19.09	7.20125	0.991
DA-3E	Dimensionless UH (483.4)	10YR	1.984	8.71	5.73	23.23	15.69755	0.992
DA-7A	Dimensionless UH (483.4)	10YR	3.578	5	3.5	13.33	46.32871	0.994
DA-7C	Dimensionless UH (483.4)	10YR	30.176	10.48	6.79	27.93	201.5354	0.995
DA-7B	Dimensionless UH (483.4)	10YR	10.638	5	3.5	13.33	137.7431	0.994
DA-1E	Dimensionless UH (483.4)	10YR	127.361	15.23	9.64	40.61	598.78842	1
DA-1C_2	Dimensionless UH (483.4)	10YR	6.76	16.8	10.58	44.79	28.95603	1.001
DA-1C_4	Dimensionless UH (483.4)	10YR	1.582	5	3.5	13.33	20.48407	0.994
DA-1C_1	Dimensionless UH (483.4)	10YR	1.969	5	3.5	13.33	25.49503	0.994
DA-1C_5	Dimensionless UH (483.4)	10YR	0.477	5	3.5	13.33	6.1763	0.994
DA-1D_1	Dimensionless UH (483.4)	10YR	53.971	24.9	15.44	66.37	158.43773	1.001
DA-1D_2	Dimensionless UH (483.4)	10YR	3.469	5	3.5	13.33	44.91736	0.994
DA-1D_3	Dimensionless UH (483.4)	10YR	12.776	9.02	5.91	24.05	97.91523	0.993

****
ARM Runoff Summary
****

Subcatchment	Total Precip (in)	Total Losses (in)	Total Runoff (in)	Total Runoff 10^6 gal	Peak Runoff CFS	Runoff Coeff (fraction)
DA-2	3.87	2.699	1.168	0.327	20.83	0.302
DA-5	3.87	1.637	2.229	0.274	17.034	0.576
DA-6	3.87	1.931	1.932	3.476	163.061	0.499
DA-1A	3.87	1.752	2.115	0.028	2.517	0.546
DA-1B	3.87	2.987	0.88	0.02	1.117	0.227
DA-4	3.87	0.507	3.359	0.166	13.929	0.868
DA-4A	3.87	2.444	1.423	0.133	9.506	0.368
DA-4B	3.87	0.699	3.167	0.05	4.259	0.818
DA-8	3.87	2.474	1.393	0.036	3.062	0.36
DA-8C	3.87	2.376	1.491	0.028	2.396	0.385
DA-2A	3.87	1.6	2.268	0.059	4.253	0.586
DA-8A	3.87	2.911	0.957	0.007	0.526	0.247
DA-8B	3.87	2.841	1.027	0.019	1.506	0.265
DA-3A	3.87	2.548	1.315	0.215	9.042	0.34
DA-3D	3.87	0.971	2.896	0.033	2.91	0.748
DA-3B	3.87	2.271	1.595	0.036	1.858	0.412
DA-3	3.87	2.827	1.039	0.479	24.374	0.269
DA-3C	3.87	2.67	1.197	0.025	1.771	0.309
DA-3E	3.87	2.075	1.793	0.097	6.683	0.463
DA-7A	3.87	1.031	2.836	0.276	24.25	0.733
DA-7C	3.87	2.533	1.333	1.092	65.817	0.344
DA-7B	3.87	1.066	2.799	0.809	71.351	0.723
DA-1E	3.87	2.328	1.535	5.308	265.347	0.397
DA-1C_2	3.87	2.348	1.515	0.278	13.086	0.391
DA-1C_4	3.87	1.22	2.647	0.114	10.103	0.684
DA-1C_1	3.87	1.816	2.051	0.11	9.796	0.53
DA-1C_5	3.87	1.832	2.035	0.026	2.353	0.526
DA-1D_1	3.87	2.458	1.403	2.056	74.806	0.363
DA-1D_2	3.87	2.271	1.596	0.15	13.093	0.412
DA-1D_3	3.87	2.098	1.767	0.613	41.668	0.457

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.1 (Build 5.1.015)

Clean up channel and widen, run as concrete

```
WARNING 04: minimum elevation drop used for Conduit C20
WARNING 03: negative offset ignored for Link C37
WARNING 03: negative offset ignored for Link C40
WARNING 02: maximum depth increased for Node 11194
WARNING 02: maximum depth increased for Node 12874
WARNING 02: maximum depth increased for Node 13426
WARNING 02: maximum depth increased for Node 14273
WARNING 02: maximum depth increased for Node 14274
WARNING 02: maximum depth increased for Node 15018
WARNING 02: maximum depth increased for Node 16375
WARNING 02: maximum depth increased for Node 16378
WARNING 02: maximum depth increased for Node 16456
WARNING 02: maximum depth increased for Node 16614
WARNING 02: maximum depth increased for Node 16616
WARNING 02: maximum depth increased for Node 16617
WARNING 02: maximum depth increased for Node 16618
WARNING 02: maximum depth increased for Node 16619
WARNING 02: maximum depth increased for Node 16620
WARNING 02: maximum depth increased for Node 16621
WARNING 02: maximum depth increased for Node 16622
WARNING 02: maximum depth increased for Node 16623
WARNING 02: maximum depth increased for Node 16624
WARNING 02: maximum depth increased for Node 19039
WARNING 02: maximum depth increased for Node 19041
WARNING 02: maximum depth increased for Node 19042
WARNING 02: maximum depth increased for Node 19043
WARNING 02: maximum depth increased for Node 19438
WARNING 02: maximum depth increased for Node 23252
WARNING 02: maximum depth increased for Node 23652
WARNING 02: maximum depth increased for Node 23653
WARNING 02: maximum depth increased for Node 25064
WARNING 02: maximum depth increased for Node 3170
WARNING 02: maximum depth increased for Node 3386
WARNING 02: maximum depth increased for Node 3909
WARNING 02: maximum depth increased for Node 51631
WARNING 02: maximum depth increased for Node 51632
WARNING 02: maximum depth increased for Node 51633
WARNING 02: maximum depth increased for Node 51637
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WARNING 02: maximum depth increased for Node 52032
WARNING 02: maximum depth increased for Node 52033
WARNING 02: maximum depth increased for Node 52034
WARNING 02: maximum depth increased for Node 52035
WARNING 02: maximum depth increased for Node 52036
WARNING 02: maximum depth increased for Node 52038
WARNING 02: maximum depth increased for Node BMP02OUTLET
WARNING 02: maximum depth increased for Node D01
WARNING 02: maximum depth increased for Node D04
WARNING 02: maximum depth increased for Node D05
WARNING 02: maximum depth increased for Node D06
WARNING 02: maximum depth increased for Node J04
WARNING 02: maximum depth increased for Node J10
WARNING 02: maximum depth increased for Node J11
WARNING 02: maximum depth increased for Node J9
```

****
Element Count
****
Number of rain gages 4
Number of subcatchments ... 0
Number of nodes 89
Number of links 134
Number of pollutants 0
Number of land uses 0

****
Raingage Summary
****

Name	Data Source	Data Type	Recording Interval
100YR	100YR	CUMULATIVE	1 min.
10YR	10YR	CUMULATIVE	1 min.
25YR	25YR	CUMULATIVE	1 min.
2YR	2YR	CUMULATIVE	60 min.

****
Node Summary
****

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
11194	JUNCTION	1425.50	4.40	0.0	
1170	JUNCTION	1413.83	12.20	0.0	
12874	JUNCTION	1405.40	37.27	0.0	
13426	JUNCTION	1435.81	18.24	0.0	
14273	JUNCTION	1419.29	12.77	0.0	
14274	JUNCTION	1435.98	13.37	0.0	
14741	JUNCTION	1413.60	8.00	0.0	
15018	JUNCTION	1427.78	40.70	0.0	
16375	JUNCTION	1420.10	44.64	0.0	
16378	JUNCTION	1417.35	19.04	0.0	
16456	JUNCTION	1420.55	10.01	0.0	
16613	JUNCTION	1417.42	3.98	0.0	
16614	JUNCTION	1417.16	37.23	0.0	
16615	JUNCTION	1414.28	11.58	0.0	
16616	JUNCTION	1403.00	45.26	0.0	
16617	JUNCTION	1404.99	43.31	0.0	
16618	JUNCTION	1405.50	50.70	0.0	
16619	JUNCTION	1401.48	41.66	0.0	
16620	JUNCTION	1400.87	10.44	0.0	
16621	JUNCTION	1399.30	41.69	0.0	
16622	JUNCTION	1405.39	8.00	0.0	
16623	JUNCTION	1401.23	11.56	0.0	
16624	JUNCTION	1400.95	40.54	0.0	
16626	JUNCTION	1424.90	6.40	0.0	
19039	JUNCTION	1423.60	14.92	0.0	
19041	JUNCTION	1421.84	11.28	0.0	
19042	JUNCTION	1420.29	11.50	0.0	
19043	JUNCTION	1419.81	12.00	0.0	
19438	JUNCTION	1426.15	6.88	0.0	
23252	JUNCTION	1441.92	3.94	0.0	
23652	JUNCTION	1413.00	8.33	0.0	
23653	JUNCTION	1413.00	10.90	0.0	
25064	JUNCTION	1438.41	4.30	0.0	
3151	JUNCTION	1441.07	3.00	0.0	
3170	JUNCTION	1438.25	10.64	0.0	
3386	JUNCTION	1430.96	11.22	0.0	
3909	JUNCTION	1419.16	11.70	0.0	
3910	JUNCTION	1414.18	16.20	0.0	
51235	JUNCTION	1442.23	8.30	0.0	
51236	JUNCTION	1446.55	4.00	0.0	
51631	JUNCTION	1433.37	9.80	0.0	
51632	JUNCTION	1429.34	8.40	0.0	
51633	JUNCTION	1432.57	5.20	0.0	
51637	JUNCTION	1427.63	5.00	0.0	
51638	JUNCTION	1424.15	8.10	0.0	
51639	JUNCTION	1422.17	9.43	0.0	
51641	JUNCTION	1425.44	5.10	0.0	
51642	JUNCTION	1425.28	5.20	0.0	
51643	JUNCTION	1422.47	8.53	0.0	
52031	JUNCTION	1419.90	9.77	0.0	
52032	JUNCTION	1422.14	13.14	0.0	
52033	JUNCTION	1421.78	17.07	0.0	
52034	JUNCTION	1421.99	9.19	0.0	
52035	JUNCTION	1419.57	18.97	0.0	
52036	JUNCTION	1421.58	6.91	0.0	
52037	JUNCTION	1426.34	6.60	0.0	
52038	JUNCTION	1425.14	8.51	0.0	
BMP01OUTLET	JUNCTION	1417.50	8.50	0.0	
BMP02OUTLET	JUNCTION	1420.90	9.10	0.0	
D01	JUNCTION	1396.00	7.00	0.0	
D02	JUNCTION	1397.80	6.00	0.0	
D03	JUNCTION	1398.40	6.00	0.0	
D04	JUNCTION	1400.11	7.00	0.0	
D05	JUNCTION	1403.63	7.22	0.0	
D06	JUNCTION	1411.76	10.90	0.0	
J03	JUNCTION	1411.90	2.00	0.0	
J04	JUNCTION	1407.00	34.97	0.0	
J05	JUNCTION	1425.70	3.91	0.0	
J06	JUNCTION	1428.38	14.20	0.0	
J07	JUNCTION	1439.06	4.10	0.0	
J08	JUNCTION	1414.93	34.97	0.0	
J09	JUNCTION	1413.96	11.43	0.0	
J1	JUNCTION	1412.25	33.27	0.0	
J10	JUNCTION	1392.00	28.53	0.0	
J11	JUNCTION	1442.58	14.38	0.0	
J12	JUNCTION	1429.04	32.53	0.0	
J13	JUNCTION	1466.77	8.76	0.0	
J2	JUNCTION	1447.49	18.24	0.0	
J3	JUNCTION	1434.64	37.23	0.0	
J4	JUNCTION	1447.50	3.94	0.0	
J5	JUNCTION	1445.18	13.37	0.0	
J6	JUNCTION	1423.08	35.51	0.0	
J7	JUNCTION	1408.29	6.00	0.0	
J8	JUNCTION	1387.59	22.26	0.0	
J9	JUNCTION	1386.60	28.53	0.0	
RO1	JUNCTION	1422.14	0.91	0.0	
OF1	OUTFALL	1384.00	22.26	0.0	
SU1	STORAGE	1417.50	9.00	0.0	
SU2	STORAGE	1421.00	8.00	0.0	

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Link Summary
****

Name	From Node	To Node	Type	Length	%Slope	Roughness
26126	D01	J10	CONDUIT	287.4	1.3921	0.0130
29037	19042	19043	CONDUIT	80.2	0.5737	0.0130
29038	19043	14273	CONDUIT	37.4	1.3921	0.0130
29039	3170	14274	CONDUIT	91.8	2.4729	0.0130
29040	14274	3386	CONDUIT	210.1	2.3902	0.0130
30304	3386	19039	CONDUIT	223.1	3.3005	0.0130
30306_1	19039	19041	CONDUIT	123.2	1.3478	0.0130
30306_2	19041	14273	CONDUIT	110.6	1.4021	0.0130
33414	16375	3909	CONDUIT	51.0	1.7650	0.0130
33415	3909	3910	CONDUIT	75.0	6.6547	0.0130
33421	16378	3910	CONDUIT	482.1	0.6575	0.0130
33422	14273	16378	CONDUIT	380.4	0.5100	0.0130
33570	16456	16375	CONDUIT	43.0	0.8140	0.0130
33571	BMP02OUTLET	16456	CONDUIT	31.0	0.8065	0.0110
34005	16613	16614	CONDUIT	52.6	0.4942	0.0130
34006	16615	14741	CONDUIT	53.8	1.2635	0.0130
34007	16614	16615	CONDUIT	37.2	7.7722	0.0130
34008	J04	16616	CONDUIT	49.7	8.0815	0.0130
34009	14741	16616	CONDUIT	290.8	3.6476	0.0130
34010	16617	16616	CONDUIT	113.3	1.7564	0.0130
34011	16618	16617	CONDUIT	65.5	0.7784	0.0110
34012	16616	16619	CONDUIT	160.1	0.9492	0.0130
34013	16619	16620	CONDUIT	93.1	0.5476	0.0130
34014	16621	D03	CONDUIT	162.0	0.5556	0.0130
34015	16620	16621	CONDUIT	38.0	3.8713	0.0130
34016	12874	16623	CONDUIT	65.0	4.8827	0.0130
34017	16622	16623	CONDUIT	82.0	3.5510	0.0130
34018	16624	16621	CONDUIT	174.0	0.1839	0.0130
34019	16623	16624	CONDUIT	37.0	0.4865	0.0130
34026	J07	J06	CONDUIT	12.3	0.4978	0.0130
34027	11194	16626	CONDUIT	82.0	0.4878	0.0130
34028	16626	J03	CONDUIT	117.0	11.1803	0.0130
34066	3910	1170	CONDUIT	53.0	0.6604	0.0240
76613	51236	51235	CONDUIT	76.8	5.5024	0.0130
77008	51631	51632	CONDUIT	249.5	1.5751	0.0130
77010	25064	3170	CONDUIT	20.1	0.3979	0.0130
77012	23252	25064	CONDUIT	20.7	17.2267	0.0100
77013	51633	51632	CONDUIT	73.5	0.9937	0.0130
77014	51632	51638	CONDUIT	299.8	1.6978	0.0130
77409	51235	51631	CONDUIT	198.2	4.4239	0.0130
77808	51637	51638	CONDUIT	81.1	4.1702	0.0100
77809	51641	51642	CONDUIT	34.6	0.4624	0.0130
77810	51642	51643	CONDUIT	26.0	4.6189	0.0130
77811	51643	19042	CONDUIT	41.7	4.7330	0.0130
77812	51638	51639	CONDUIT	330.8	0.5684	0.0130
77814	51639	52031	CONDUIT	326.7	0.6948	0.0130
78208	52031	52035	CONDUIT	46.0	0.5000	0.0130
78209	52035	SU1	CONDUIT	34.0	1.6767	0.0130
78210	52032	52033	CONDUIT	46.0	0.5652	0.0130
78211	52034	52033	CONDUIT	55.0	0.2000	0.0130
78212	52033	52035	CONDUIT	81.0	0.9630	0.0130
78213	BMP01OUTLET	23652	CONDUIT	133.0	3.3854	0.0110
78214	1170	23653	CONDUIT	46.0	1.8046	0.0130
78215	52037	19438	CONDUIT	12.0	1.5835	0.0130
78216	19438	52038	CONDUIT	61.0	1.4920	0.0130
78217	52036	52035	CONDUIT	44.0	4.3450	0.0130
78218	52038	52036	CONDUIT	234.0	1.4788	0.0130
86624_1	J06	J05	CONDUIT	52.8	5.0848	0.0130
86624_2	J05	11194	CONDUIT	3.9	5.0840	0.0130
86628	3151	J07	CONDUIT	33.6	5.8762	0.0130
C1	J08	J04	CONDUIT	66.4	12.0378	0.0350
C10	23653	D06	CONDUIT	36.4	3.4102	0.0400
C11	52038	RO1	CONDUIT	144.6	7.4870	0.0200
C12	11194	J03	CONDUIT	199.8	8.5413	0.0350

C13	J11	3170	CONDUIT	208.9	2.0733	0.0130
C13_1	3909	RO1	CONDUIT	200.7	3.8943	0.0200
C13_2	RO1	J7	CONDUIT	214.5	6.4715	0.0200
C14	52031	52035	CONDUIT	48.3	0.2689	0.0200
C15	52034	52033	CONDUIT	62.2	0.3377	0.0200
C16	51631	3170	CONDUIT	33.6	1.5472	0.0200
C17	12874	16624	CONDUIT	78.8	0.9896	0.0200
C18	16624	16621	CONDUIT	199.1	-0.2060	0.0200
C19	23252	3170	CONDUIT	38.4	5.9338	0.0200
C2	16621	D05	CONDUIT	63.9	0.0470	0.0350
C20	16623	16624	CONDUIT	41.7	0.0024	0.0200
C21	16622	J7	CONDUIT	71.2	4.5393	0.0200
C21_1	J09	J1	CONDUIT	166.7	1.0275	0.0350
C21_2	J1	12874	CONDUIT	92.7	3.0721	0.0350
C22	16618	16616	CONDUIT	176.1	4.5125	0.0350
C22_1	J12	J6	CONDUIT	299.3	0.9950	0.0200
C23	16616	16619	CONDUIT	161.0	0.5652	0.0200
C24	16619	16621	CONDUIT	112.4	0.1958	0.0200
C25	16617	16616	CONDUIT	114.4	0.0350	0.0350
C25_1	3170	J12	CONDUIT	622.9	1.2852	0.0200
C26	52032	52033	CONDUIT	49.2	0.7319	0.0200
C27	52033	52035	CONDUIT	84.3	0.3676	0.0200
C28	52036	52035	CONDUIT	47.9	0.4382	0.0200
C29	25064	3170	CONDUIT	20.7	0.2898	0.0200
C3	BMP02OUTLET	SU2	CONDUIT	35.4	20.1433	0.0100
C30	19438	RO1	CONDUIT	138.1	7.5191	0.0200
C31	16456	52036	CONDUIT	185.1	1.1181	0.0200
C32	51632	51638	CONDUIT	300.8	1.8256	0.0200
C33	52036	SU1	CONDUIT	63.3	14.0034	0.0350
C34	51637	51638	CONDUIT	86.3	0.4405	0.0200
C35	16378	52032	CONDUIT	200.4	0.5528	0.0200
C35_1	51639	J6	CONDUIT	151.3	3.4965	0.0330
C35_2	J6	J09	CONDUIT	381.8	2.3903	0.0350
C36	15018	16375	CONDUIT	288.5	2.6282	0.0130
C37	J3	16614	CONDUIT	106.7	16.6085	0.0200
C38	J2	13426	CONDUIT	412.9	2.8297	0.0350
C39	15018	16375	CONDUIT	189.8	1.9709	0.0200
C4	J10	J9	CONDUIT	266.6	2.0260	0.0450
C40	J4	23252	CONDUIT	216.8	2.5732	0.0350
C41	14274	3386	CONDUIT	217.4	2.4544	0.0200
C42	3386	19039	CONDUIT	226.9	1.6136	0.0200
C43	19039	19041	CONDUIT	129.3	1.8556	0.0200
C44	19042	51643	CONDUIT	50.0	1.5809	0.0100
C45	J5	14274	CONDUIT	160.9	5.7239	0.0330
C46	19041	14273	CONDUIT	117.6	0.9041	0.0200
C47	51633	51632	CONDUIT	80.2	0.0374	0.0200
C48	51641	51642	CONDUIT	38.7	0.1549	0.0200
C49	51642	51643	CONDUIT	33.6	4.4939	0.0200
C5	13426	15018	CONDUIT	218.5	2.7608	0.0130
C50	19043	14273	CONDUIT	41.7	1.8044	0.0200
C51	51643	J12	CONDUIT	76.9	0.5985	0.0200
C52	J13	J11	CONDUIT	279.7	6.6519	0.0200
C6	J03	D04	CONDUIT	34.5	17.0150	0.0800
C7	J8	OF1	CONDUIT	305.6	1.1763	0.0450
C8	16620	16621	CONDUIT	42.3	0.6621	0.0350
C9	23652	D06	CONDUIT	32.3	3.8479	0.0400
C999	14273	51639	CONDUIT	236.3	0.9260	0.0350
DT01	D02	D01	CONDUIT	27.3	2.9219	0.0130
DT02	D03	D02	CONDUIT	42.5	1.4199	0.0130
DT03	D04	D03	CONDUIT	58.6	2.9220	0.0130
DT04	D05	D04	CONDUIT	157.9	2.2293	0.0130
DT05_1	D06	J7	CONDUIT	118.9	2.9182	0.0130
DT05_2	J7	D05	CONDUIT	159.1	2.9298	0.0130
OR1	SU2	BMP02OUTLET	ORIFICE			
OR2	SU2	BMP02OUTLET	ORIFICE			
OR3	SU1	BMP01OUTLET	ORIFICE			
OR4	SU1	BMP01OUTLET	ORIFICE			
OR5	J9	J8	ORIFICE			
W1	SU2	52034	WEIR			
W2	SU1	J09	WEIR			

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Cross Section Summary
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Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
26126	RECT_CLOSED	6.00	60.00	1.88	10.00	1	1230.46
29037	CIRCULAR	1.25	1.23	0.31	1.25	1	4.89
29038	CIRCULAR	1.25	1.23	0.31	1.25	1	7.62
29039	CIRCULAR	2.25	3.98	0.56	2.25	1	48.70
29040	CIRCULAR	3.00	7.07	0.75	3.00	1	103.12
30304	CIRCULAR	3.00	7.07	0.75	3.00	1	121.17
30306_1	CIRCULAR	3.50	9.62	0.88	3.50	1	116.80
30306_2	CIRCULAR	3.50	9.62	0.88	3.50	1	119.13
33414	CIRCULAR	3.00	7.07	0.75	3.00	1	88.61
33415	CIRCULAR	3.00	7.07	0.75	3.00	1	172.06
33421	CIRCULAR	4.50	15.90	1.13	4.50	1	159.46
33422	CIRCULAR	4.50	15.90	1.13	4.50	1	140.43
33570	CIRCULAR	2.00	3.14	0.50	2.00	1	20.41
33571	CIRCULAR	2.00	3.14	0.50	2.00	1	24.01
34005	CIRCULAR	1.25	1.23	0.31	1.25	1	4.54
34006	CIRCULAR	1.50	1.77	0.38	1.50	1	11.81
34007	CIRCULAR	1.25	1.23	0.31	1.25	1	18.01
34008	CIRCULAR	2.50	4.91	0.63	2.50	1	116.60
34009	CIRCULAR	1.50	1.77	0.38	1.50	1	20.06
34010	CIRCULAR	1.25	1.23	0.31	1.25	1	8.56
34011	CIRCULAR	1.25	1.23	0.31	1.25	1	6.74
34012	CIRCULAR	3.00	7.07	0.75	3.00	1	64.98
34013	CIRCULAR	3.00	7.07	0.75	3.00	1	49.36
34014	CIRCULAR	3.00	7.07	0.75	3.00	1	49.71
34015	CIRCULAR	3.00	7.07	0.75	3.00	1	131.23
34016	CIRCULAR	1.50	1.77	0.38	1.50	1	23.21
34017	CIRCULAR	1.25	1.23	0.31	1.25	1	12.17
34018	CIRCULAR	2.50	4.91	0.63	2.50	1	17.59
34019	CIRCULAR	2.50	4.91	0.63	2.50	1	28.61
34026	CIRCULAR	2.00	3.14	0.50	2.00	1	15.96
34027	CIRCULAR	2.00	3.14	0.50	2.00	1	15.80
34028	CIRCULAR	2.00	3.14	0.50	2.00	1	75.64
34066	CIRCULAR	5.00	19.63	1.25	5.00	1	114.64
76613	CIRCULAR	1.25	1.23	0.31	1.25	1	15.15
77008	CIRCULAR	2.00	3.14	0.50	2.00	1	28.39
77010	CIRCULAR	2.00	3.14	0.50	2.00	1	14.27
77012	CIRCULAR	2.00	3.14	0.50	2.00	1	122.06
77013	CIRCULAR	1.25	1.23	0.31	1.25	1	6.44
77014	CIRCULAR	2.00	3.14	0.50	2.00	1	29.48
77409	CIRCULAR	1.50	1.77	0.38	1.50	1	22.09
77808	CIRCULAR	1.25	1.23	0.31	1.25	1	17.15
77809	CIRCULAR	1.25	1.23	0.31	1.25	1	4.39
77810	CIRCULAR	1.25	1.23	0.31	1.25	1	13.88
77811	CIRCULAR	1.25	1.23	0.31	1.25	1	14.05
77812	CIRCULAR	2.50	4.91	0.63	2.50	1	30.92
77814	CIRCULAR	2.50	4.91	0.63	2.50	1	34.19
78208	CIRCULAR	2.50	4.91	0.63	2.50	1	29.00
78209	CIRCULAR	2.50	4.91	0.63	2.50	1	53.11
78210	CIRCULAR	1.25	1.23	0.31	1.25	1	4.86
78211	CIRCULAR	1.25	1.23	0.31	1.25	1	2.89
78212	CIRCULAR	1.25	1.23	0.31	1.25	1	6.34
78213	CIRCULAR	3.00	7.07	0.75	3.00	1	145.03
78214	CIRCULAR	5.00	19.63	1.25	5.00	1	349.87
78215	CIRCULAR	1.25	1.23	0.31	1.25	1	8.13
78216	CIRCULAR	1.25	1.23	0.31	1.25	1	7.89
78217	CIRCULAR	2.00	3.14	0.50	2.00	1	47.16
78218	CIRCULAR	1.50	1.77	0.38	1.50	1	12.77
86624_1	CIRCULAR	2.00	3.14	0.50	2.00	1	51.01
86624_2	CIRCULAR	2.00	3.14	0.50	2.00	1	51.01
86628	CIRCULAR	2.00	3.14	0.50	2.00	1	54.84
C1	C1	34.97	1854.93	10.46	82.35	1	130689.38
C10	C10	10.90	555.89	6.76	82.53	1	13634.43
C11	C11	0.71	22.87	0.48	47.85	1	283.47
C12	RECT_OPEN	1.00	10.00	1.00	10.00	1	124.08
C13	CIRCULAR	1.75	2.41	0.44	1.75	1	22.82
C13_1	C13_1	0.91	38.82	0.64	60.76	1	421.11
C13_2	C13_2	0.19	6.03	0.12	51.19	1	27.32
C14	C14	3.47	309.53	2.77	110.55	1	2352.49
C15	C15	5.09	295.16	4.26	69.00	1	3348.99
C16	RECT_OPEN	1.00	20.00	1.00	20.00	1	184.84
C17	C17	32.87	6962.29	14.05	251.68	1	299680.29
C18	C18	31.85	8046.20	23.01	301.76	1	219474.00
C19	RECT_OPEN	1.00	20.00	1.00	20.00	1	361.98
C2	C2	1.85	156.60	0.78	200.72	1	121.73
C20	C20	4.17	474.37	3.17	147.12	1	372.00
C21	C21	1.87	62.90	1.26	50.31	1	1158.61
C21_1	C21_1	11.43	2641.30	5.24	318.64	1	34303.43
C21_2	C21_2	33.27	2986.60	17.58	114.52	1	150240.77
C22	C22	38.10	8782.21	20.48	286.71	1	592956.07
C22_1	C22_1	32.53	4184.92	16.92	163.38	1	204428.19
C23	C23	33.89	3823.94	12.74	147.59	1	116530.75
C24	C24	31.96	4441.47	16.49	163.59	1	94583.38
C25	C22	38.10	8782.21	20.48	286.71	1	52200.84
C25_1	C25_1	7.24	1603.84	5.79	275.42	1	43576.57
C26	C26	0.95	19.17	0.45	42.12	1	71.16
C27	C27	12.47	8757.27	11.02	782.10	1	195336.38
C28	C28	1.14	32.39	0.47	68.23	1	96.65
C29	RECT_OPEN	1.00	20.00	1.00	20.00	1	80.00
C3	RECT_OPEN	2.00	20.00	2.00	10.00	1	2117.39
C30	C30	0.53	11.90	0.35	33.42	1	120.49
C31	C31	2.21	145.90	1.54	92.89	1	1526.36
C32	RECT_OPEN	1.00	20.00	1.00	20.00	1	200.78
C33	RECT_OPEN	1.00	10.00	1.00	10.00	1	158.88
C34	RECT_OPEN	1.00	20.00	1.00	20.00	1	98.63
C35	C35	9.04	892.81	6.52	128.45	1	17206.93
C35_1	C35_1	3.23	271.96	2.34	120.73	1	4037.27
C35_2	C35_2	11.10	2396.05	4.88	320.40	1	45275.57
C36	CIRCULAR	3.00	7.07	0.75	3.00	1	108.13
C37	C37	37.23	4038.41	15.51	138.90	1	760452.52
C38	C38	18.24	2174.72	11.18	222.49	1	77647.07
C39	C39	35.03	3790.90	24.12	132.99	1	330062.23
C4	C4	28.53	4638.39	17.25	282.94	1	145553.80
C40	C40	3.94	374.14	2.62	142.07	1	4840.71
C41	RECT_OPEN	1.00	20.00	1.00	20.00	1	232.81
C42	RECT_OPEN	5.00	100.00	5.00	20.00	1	2759.73
C43	RECT_OPEN	2.00	40.00	2.00	20.00	1	642.65
C44	RECT_OPEN	1.00	20.00	1.00	20.00	1	373.68
C45	C45	13.37	1889.08	7.39	250.43	1	77180.11
C46	RECT_OPEN	2.00	60.00	2.00	30.00	1	672.88
C47	RECT_OPEN	1.00	20.00	1.00	20.00	1	28.74
C48	RECT_OPEN	1.00	20.00	1.00	20.00	1	58.48
C49	RECT_OPEN	1.00	20.00	1.00	20.00	1	315.01

C5	CIRCULAR	3.00	7.07	0.75	3.00	1	110.82
C50	RECT_OPEN	1.00	20.00	1.00	20.00	1	199.61
C51	RECT_OPEN	1.00	20.00	1.00	20.00	1	114.96
C52	C52	8.76	1057.10	4.91	170.39	1	58507.84
C6	RECT_OPEN	1.00	10.00	1.00	10.00	1	76.62
C7	C7	22.26	3186.92	7.10	212.90	1	42145.74
C8	RECT_OPEN	2.00	40.00	2.00	20.00	1	219.35
C9	C9	8.33	481.18	4.44	99.46	1	9471.00
C999	RECT_OPEN	2.00	60.00	2.00	30.00	1	389.13
DT01	TRAPEZOIDAL	6.00	102.00	3.20	29.00	1	4331.73
DT02	TRAPEZOIDAL	6.00	102.00	3.20	29.00	1	3019.64
DT03	TRAPEZOIDAL	6.00	102.00	3.20	29.00	1	4331.77
DT04	TRAPEZOIDAL	6.00	102.00	3.20	29.00	1	3783.62
DT05_1	TRAPEZOIDAL	6.00	102.00	3.20	29.00	1	4328.96
DT05_2	TRAPEZOIDAL	6.00	102.00	3.20	29.00	1	4337.56

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Transect Summary
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Transect C1
Area:

0.0047	0.0159	0.0296	0.0445	0.0606
0.0777	0.0963	0.1158	0.1352	0.1547
0.1743	0.1939	0.2135	0.2332	0.2529
0.2726	0.2923	0.3121	0.3318	0.3516
0.3714	0.3913	0.4111	0.4310	0.4509
0.4708	0.4908	0.5107	0.5307	0.5507
0.5707	0.5908	0.6108	0.6309	0.6510
0.6712	0.6913	0.7115	0.7317	0.7519
0.7721	0.7924	0.8126	0.8329	0.8539
0.8802	0.9101	0.9400	0.9699	1.0000

Hrad:

0.0436	0.0716	0.1053	0.1374	0.1682
0.1967	0.2210	0.2498	0.2785	0.3067
0.3345	0.3616	0.3880	0.4139	0.4392
0.4639	0.4880	0.5116	0.5347	0.5573
0.5795	0.6013	0.6226	0.6435	0.6641
0.6844	0.7043	0.7239	0.7432	0.7622
0.7809	0.7994	0.8176	0.8356	0.8533
0.8709	0.8882	0.9053	0.9223	0.9390
0.9556	0.9720	0.9882	1.0043	0.9839
0.9498	0.9647	0.9805	0.9965	1.0000

Width:

0.2571	0.4260	0.4606	0.5008	0.5330
0.5699	0.6249	0.6262	0.6275	0.6289
0.6302	0.6315	0.6328	0.6337	0.6344
0.6351	0.6358	0.6364	0.6371	0.6378
0.6384	0.6391	0.6398	0.6405	0.6411
0.6418	0.6425	0.6431	0.6438	0.6445
0.6451	0.6458	0.6465	0.6472	0.6478
0.6485	0.6492	0.6498	0.6505	0.6512
0.6519	0.6525	0.6532	0.6539	0.7590
0.9601	0.9628	0.9631	0.9634	1.0000

Transect C10
Area:

0.0040	0.0113	0.0197	0.0288	0.0386
0.0490	0.0597	0.0709	0.0824	0.0943
0.1065	0.1191	0.1321	0.1454	0.1591
0.1731	0.1876	0.2025	0.2178	0.2336
0.2499	0.2668	0.2843	0.3023	0.3210
0.3403	0.3603	0.3810	0.4024	0.4245
0.4473	0.4710	0.4954	0.5206	0.5465
0.5733	0.6010	0.6297	0.6591	0.6889
0.7189	0.7491	0.7796	0.8103	0.8413
0.8725	0.9040	0.9357	0.9678	1.0000

Hrad:

0.0203	0.0456	0.0712	0.0970	0.1218
0.1477	0.1727	0.1970	0.2217	0.2454
0.2684	0.2912	0.3137	0.3352	0.3559
0.3763	0.3964	0.4149	0.4396	0.4690
0.4972	0.5242	0.5500	0.5747	0.5983
0.6207	0.6419	0.6623	0.6818	0.7004
0.7178	0.7345	0.7506	0.7661	0.7809
0.7946	0.8076	0.8197	0.8330	0.8474
0.8621	0.8769	0.8919	0.9072	0.9226
0.9382	0.9534	0.9688	0.9844	1.0000

Width:

0.1963	0.2443	0.2729	0.2934	0.3123
0.3255	0.3383	0.3509	0.3614	0.3726
0.3840	0.3948	0.4054	0.4168	0.4287
0.4407	0.4525	0.4661	0.4805	0.4973
0.5134	0.5300	0.5489	0.5665	0.5852
0.6073	0.6294	0.6498	0.6708	0.6938
0.7202	0.7426	0.7661	0.7886	0.8129
0.8415	0.8700	0.9008	0.9156	0.9226
0.9297	0.9376	0.9461	0.9534	0.9606
0.9677	0.9769	0.9853	0.9925	1.0000

Transect C11
Area:

0.0013	0.0052	0.0107	0.0175	0.0272
0.0400	0.0534	0.0672	0.0814	0.0960
0.1110	0.1263	0.1421	0.1581	0.1747
0.1915	0.2085	0.2258	0.2435	0.2617
0.2804	0.2995	0.3192	0.3393	0.3599
0.3809	0.4022	0.4236	0.4455	0.4680
0.4910	0.5144	0.5383	0.5628	0.5878
0.6132	0.6389	0.6650	0.6915	0.7182
0.7451	0.7723	0.7998	0.8276	0.8557
0.8840	0.9126	0.9414	0.9706	1.0000

Hrad:

0.0144	0.0313	0.0536	0.0665	0.0784
0.0895	0.1163	0.1420	0.1676	0.1928
0.2162	0.2402	0.2646	0.2869	0.3097
0.3348	0.3595	0.3815	0.4018	0.4197
0.4387	0.4572	0.4752	0.4929	0.5093
0.5331	0.5571	0.5797	0.5946	0.6070
0.6268	0.6437	0.6578	0.6739	0.6886
0.7093	0.7296	0.7479	0.7689	0.7921
0.8151	0.8355	0.8548	0.8762	0.8979
0.9193	0.9402	0.9610	0.9806	1.0000

Width:

0.0977	0.1665	0.2038	0.2734	0.3890
0.4473	0.4596	0.4736	0.4861	0.4979
0.5133	0.5260	0.5370	0.5512	0.5640
0.5720	0.5800	0.5920	0.6062	0.6236
0.6391	0.6552	0.6717	0.6883	0.7067
0.7145	0.7219	0.7308	0.7493	0.7711
0.7835	0.7992	0.8184	0.8351	0.8536
0.8646	0.8757	0.8892	0.8994	0.9068
0.9142	0.9243	0.9357	0.9446	0.9530
0.9616	0.9706	0.9796	0.9898	1.0000

Transect C13_1
Area:

0.0008	0.0028	0.0058	0.0097	0.0147
0.0205	0.0273	0.0352	0.0442	0.0543
0.0661	0.0820	0.1011	0.1204	0.1401
0.1603	0.1807	0.2016	0.2229	0.2444
0.2661	0.2882	0.3105	0.3332	0.3561
0.3792	0.4027	0.4264	0.4503	0.4745
0.4989	0.5234	0.5482	0.5731	0.5983
0.6236	0.6492	0.6750	0.7010	0.7272
0.7537	0.7802	0.8070	0.8340	0.8611
0.8884	0.9160	0.9438	0.9717	1.0000

Hrad:

0.0169	0.0312	0.0478	0.0614	0.0773
0.0926	0.1056	0.1186	0.1316	0.1426
0.1484	0.1235	0.1494	0.1754	0.1996
0.2242	0.2482	0.2717	0.2955	0.3207
0.3456	0.3682	0.3918	0.4156	0.4388
0.4618	0.4848	0.5080	0.5315	0.5551
0.5790	0.6027	0.6263	0.6498	0.6727
0.6951	0.7174	0.7396	0.7619	0.7846
0.8072	0.8301	0.8530	0.8755	0.8974
0.9193	0.9404	0.9613	0.9809	1.0000

Width:

0.0483	0.0890	0.1211	0.1581	0.1899
0.2215	0.2585	0.2969	0.3358	0.3808
0.4626	0.6641	0.6768	0.6867	0.7021
0.7149	0.7283	0.7420	0.7543	0.7621
0.7702	0.7827	0.7926	0.8017	0.8115
0.8213	0.8307	0.8394	0.8474	0.8549
0.8617	0.8685	0.8753	0.8821	0.8894
0.8972	0.9050	0.9127	0.9201	0.9269
0.9337	0.9400	0.9462	0.9526	0.9595
0.9665	0.9741	0.9817	0.9907	1.0000

Transect C13_2
Area:

0.0009	0.0029	0.0071	0.0150	0.0252
0.0367	0.0495	0.0627	0.0768	0.0913
0.1060	0.1210	0.1366	0.1531	0.1699
0.1869	0.2041	0.2219	0.2405	0.2593
0.2784	0.2978	0.3174	0.3373	0.3574
0.3779	0.3987	0.4198	0.4413	0.4633
0.4862	0.5100	0.5345	0.5593	0.5843
0.6097	0.6353	0.6612	0.6874	0.7137
0.7407	0.7679	0.7954	0.8230	0.8507
0.8788	0.9075	0.9375	0.9685	1.0000

Hrad:

0.0237	0.0378	0.0494	0.0599	0.0758
0.1004	0.1209	0.1434	0.1710	0.1987
0.2268	0.2528	0.2643	0.2922	0.3197
0.3468	0.3729	0.3863	0.4079	0.4341
0.4599	0.4855	0.5109	0.5352	0.5586
0.5817	0.6047	0.6264	0.6465	0.6663
0.6848	0.7022	0.7226	0.7458	0.7688
0.7918	0.8147	0.8386	0.8653	0.8908
0.9160	0.9417	0.9675	0.9931	1.0169
1.0395	1.0613	1.0765	1.0643	1.0000

Width:

0.0423	0.0878	0.1933	0.2930	0.3444
0.3905	0.4097	0.4379	0.4498	0.4599
0.4680	0.4791	0.5174	0.5248	0.5322
0.5395	0.5481	0.5753	0.5903	0.5982

0.6062	0.6141	0.6221	0.6310	0.6407
0.6505	0.6602	0.6710	0.6835	0.7073
0.7392	0.7623	0.7758	0.7851	0.7943
0.8036	0.8128	0.8210	0.8265	0.8413
0.8552	0.8610	0.8669	0.8727	0.8800
0.8881	0.9325	0.9651	0.9852	1.0000

Transect C14
Area:

0.0025	0.0076	0.0162	0.0274	0.0398
0.0531	0.0674	0.0827	0.0987	0.1153
0.1324	0.1500	0.1682	0.1872	0.2066
0.2263	0.2466	0.2678	0.2892	0.3108
0.3325	0.3543	0.3762	0.3981	0.4202
0.4423	0.4646	0.4869	0.5093	0.5319
0.5545	0.5772	0.5999	0.6228	0.6457
0.6687	0.6918	0.7149	0.7382	0.7615
0.7849	0.8084	0.8320	0.8556	0.8793
0.9032	0.9271	0.9512	0.9755	1.0000

Hrad:

0.0160	0.0289	0.0392	0.0575	0.0770
0.0959	0.1135	0.1314	0.1512	0.1704
0.1903	0.2099	0.2248	0.2428	0.2636
0.2845	0.3032	0.3130	0.3353	0.3581
0.3809	0.4038	0.4271	0.4503	0.4733
0.4960	0.5186	0.5411	0.5636	0.5862
0.6086	0.6310	0.6534	0.6759	0.6983
0.7206	0.7428	0.7646	0.7863	0.8079
0.8297	0.8519	0.8741	0.8962	0.9167
0.9370	0.9567	0.9757	0.9932	1.0000

Width:

0.1561	0.2648	0.4156	0.4793	0.5200
0.5572	0.5975	0.6333	0.6571	0.6809
0.7002	0.7191	0.7529	0.7755	0.7883
0.7999	0.8465	0.8602	0.8671	0.8723
0.8771	0.8815	0.8847	0.8879	0.8913
0.8951	0.8989	0.9028	0.9064	0.9098
0.9133	0.9167	0.9199	0.9230	0.9261
0.9291	0.9322	0.9357	0.9392	0.9427
0.9460	0.9489	0.9518	0.9546	0.9592
0.9638	0.9690	0.9748	0.9820	1.0000

Transect C15
Area:

0.0040	0.0099	0.0171	0.0253	0.0347
0.0470	0.0609	0.0779	0.0980	0.1185
0.1391	0.1598	0.1806	0.2015	0.2225
0.2435	0.2646	0.2858	0.3070	0.3283
0.3496	0.3711	0.3925	0.4141	0.4356
0.4573	0.4790	0.5008	0.5226	0.5445
0.5665	0.5886	0.6107	0.6329	0.6551
0.6775	0.6999	0.7224	0.7450	0.7677
0.7905	0.8133	0.8363	0.8593	0.8825
0.9058	0.9291	0.9526	0.9763	1.0000

Hrad:

0.0184	0.0355	0.0521	0.0686	0.0779
0.0843	0.1011	0.1127	0.1144	0.1372
0.1601	0.1829	0.2057	0.2284	0.2510
0.2736	0.2961	0.3185	0.3409	0.3633
0.3856	0.4078	0.4300	0.4521	0.4742
0.4962	0.5181	0.5400	0.5618	0.5835
0.6052	0.6268	0.6483	0.6697	0.6910
0.7123	0.7335	0.7546	0.7757	0.7966
0.8175	0.8382	0.8588	0.8794	0.8998
0.9201	0.9403	0.9603	0.9802	1.0000

Width:

0.2158	0.2776	0.3248	0.3648	0.4407
0.5513	0.6375	0.7959	0.8570	0.8629
0.8682	0.8720	0.8753	0.8787	0.8820
0.8851	0.8876	0.8902	0.8927	0.8953
0.8979	0.9004	0.9029	0.9055	0.9080
0.9105	0.9130	0.9159	0.9187	0.9216
0.9244	0.9273	0.9305	0.9337	0.9369
0.9401	0.9434	0.9470	0.9506	0.9542
0.9580	0.9621	0.9662	0.9703	0.9748
0.9795	0.9841	0.9893	0.9946	1.0000

Transect C17
Area:

0.0037	0.0105	0.0201	0.0321	0.0465
0.0617	0.0774	0.0937	0.1106	0.1280
0.1458	0.1640	0.1825	0.2014	0.2207
0.2402	0.2600	0.2801	0.3005	0.3213
0.3424	0.3637	0.3856	0.4081	0.4308
0.4535	0.4763	0.4990	0.5217	0.5444
0.5672	0.5899	0.6126	0.6354	0.6581
0.6809	0.7036	0.7264	0.7491	0.7719
0.7947	0.8175	0.8402	0.8630	0.8858
0.9087	0.9315	0.9543	0.9771	1.0000

Hrad:

0.0320	0.0631	0.0841	0.1021	0.1202
0.1418	0.1634	0.1848	0.2054	0.2267
0.2483	0.2689	0.2894	0.3102	0.3306
0.3510	0.3708	0.3903	0.4096	0.4286
0.4473	0.4654	0.4799	0.4941	0.5153

0.5364	0.5575	0.5785	0.5994	0.6202
0.6409	0.6615	0.6821	0.7025	0.7228
0.7430	0.7631	0.7831	0.8030	0.8228
0.8425	0.8621	0.8816	0.9010	0.9202
0.9394	0.9585	0.9774	0.9963	1.0000

Width:

0.2433	0.3383	0.4540	0.5593	0.6285
0.6511	0.6747	0.6974	0.7233	0.7413
0.7554	0.7729	0.7890	0.8019	0.8150
0.8272	0.8402	0.8537	0.8665	0.8795
0.8927	0.9070	0.9316	0.9559	0.9560
0.9561	0.9562	0.9563	0.9565	0.9566
0.9567	0.9568	0.9569	0.9570	0.9572
0.9573	0.9574	0.9575	0.9577	0.9580
0.9584	0.9587	0.9591	0.9594	0.9598
0.9601	0.9605	0.9609	0.9612	1.0000

Transect C18
Area:

0.0048	0.0153	0.0280	0.0418	0.0567
0.0722	0.0886	0.1058	0.1242	0.1430
0.1623	0.1821	0.2023	0.2229	0.2439
0.2653	0.2868	0.3083	0.3299	0.3514
0.3729	0.3945	0.4160	0.4376	0.4591
0.4807	0.5022	0.5238	0.5454	0.5669
0.5885	0.6101	0.6317	0.6532	0.6748
0.6964	0.7180	0.7396	0.7612	0.7828
0.8044	0.8260	0.8476	0.8692	0.8909
0.9125	0.9342	0.9558	0.9775	1.0000

Hrad:

0.0131	0.0286	0.0469	0.0630	0.0803
0.0989	0.1149	0.1282	0.1460	0.1645
0.1828	0.2005	0.2191	0.2377	0.2552
0.2738	0.2966	0.3194	0.3421	0.3648
0.3875	0.4101	0.4327	0.4553	0.4778
0.5003	0.5228	0.5452	0.5676	0.5900
0.6123	0.6346	0.6569	0.6791	0.7013
0.7235	0.7456	0.7678	0.7898	0.8119
0.8339	0.8559	0.8778	0.8997	0.9216
0.9435	0.9653	0.9871	1.0089	1.0000

Width:

0.3556	0.5156	0.5505	0.6031	0.6402
0.6639	0.7009	0.7521	0.7780	0.7980
0.8179	0.8386	0.8547	0.8696	0.8873
0.9012	0.9013	0.9014	0.9015	0.9016
0.9018	0.9019	0.9020	0.9021	0.9022
0.9024	0.9025	0.9026	0.9027	0.9028
0.9029	0.9031	0.9032	0.9033	0.9034
0.9035	0.9036	0.9038	0.9039	0.9042
0.9045	0.9048	0.9052	0.9055	0.9058
0.9062	0.9065	0.9068	0.9071	1.0000

Transect C2
Area:

0.0012	0.0036	0.0067	0.0107	0.0156
0.0211	0.0272	0.0339	0.0414	0.0494
0.0579	0.0669	0.0765	0.0866	0.0972
0.1083	0.1198	0.1319	0.1444	0.1574
0.1708	0.1847	0.1991	0.2141	0.2299
0.2466	0.2644	0.2831	0.3029	0.3235
0.3448	0.3669	0.3899	0.4136	0.4381
0.4635	0.4898	0.5172	0.5507	0.5880
0.6262	0.6655	0.7055	0.7460	0.7868
0.8281	0.8698	0.9120	0.9549	1.0000

Hrad:

0.0302	0.0621	0.0908	0.1127	0.1423
0.1719	0.2016	0.2254	0.2546	0.2832
0.3132	0.3392	0.3673	0.3967	0.4260
0.4542	0.4815	0.5080	0.5356	0.5670
0.5947	0.6191	0.6415	0.6593	0.6728
0.6783	0.6824	0.6991	0.7111	0.7295
0.7529	0.7733	0.7930	0.8140	0.8319
0.8491	0.8676	0.8761	0.7120	0.7382
0.7665	0.7932	0.8311	0.8700	0.9086
0.9464	0.9837	1.0184	1.0493	1.0000

Width:

0.0410	0.0583	0.0742	0.0952	0.1095
0.1226	0.1349	0.1506	0.1625	0.1743
0.1848	0.1972	0.2084	0.2184	0.2283
0.2384	0.2489	0.2597	0.2697	0.2776
0.2872	0.2983	0.3103	0.3248	0.3418
0.3636	0.3875	0.4051	0.4260	0.4435
0.4581	0.4746	0.4917	0.5081	0.5267
0.5460	0.5647	0.6229	0.7737	0.7967
0.8172	0.8392	0.8492	0.8577	0.8662
0.8752	0.8844	0.8957	0.9230	1.0000

Transect C20
Area:

0.0039	0.0113	0.0207	0.0316	0.0438
0.0568	0.0707	0.0854	0.1006	0.1163
0.1324	0.1489	0.1658	0.1831	0.2008
0.2189	0.2374	0.2563	0.2756	0.2955
0.3157	0.3364	0.3573	0.3786	0.4002
0.4221	0.4443	0.4668	0.4895	0.5124

0.5355	0.5588	0.5822	0.6058	0.6294
0.6532	0.6771	0.7012	0.7253	0.7495
0.7739	0.7984	0.8231	0.8479	0.8729
0.8980	0.9232	0.9486	0.9742	1.0000

Hrad:

0.0170	0.0350	0.0527	0.0717	0.0911
0.1108	0.1290	0.1497	0.1711	0.1923
0.2126	0.2337	0.2541	0.2747	0.2939
0.3144	0.3332	0.3514	0.3686	0.3862
0.4048	0.4238	0.4437	0.4636	0.4824
0.5018	0.5210	0.5397	0.5618	0.5826
0.6043	0.6262	0.6476	0.6696	0.6922
0.7144	0.7363	0.7580	0.7801	0.8021
0.8236	0.8433	0.8632	0.8841	0.9048
0.9246	0.9445	0.9642	0.9817	1.0000

Width:

0.2355	0.3270	0.3981	0.4476	0.4871
0.5197	0.5558	0.5788	0.5964	0.6131
0.6313	0.6460	0.6615	0.6756	0.6927
0.7058	0.7220	0.7392	0.7578	0.7754
0.7905	0.8044	0.8160	0.8274	0.8405
0.8522	0.8639	0.8761	0.8820	0.8898
0.8959	0.9017	0.9077	0.9129	0.9170
0.9215	0.9262	0.9311	0.9353	0.9395
0.9442	0.9508	0.9570	0.9620	0.9672
0.9732	0.9789	0.9848	0.9929	1.0000

Transect C21

Area:

0.0017	0.0066	0.0134	0.0214	0.0311
0.0422	0.0546	0.0678	0.0817	0.0962
0.1112	0.1266	0.1426	0.1590	0.1758
0.1930	0.2105	0.2285	0.2468	0.2654
0.2844	0.3037	0.3233	0.3433	0.3637
0.3845	0.4056	0.4270	0.4489	0.4712
0.4939	0.5171	0.5411	0.5657	0.5909
0.6165	0.6422	0.6681	0.6942	0.7205
0.7470	0.7736	0.8006	0.8279	0.8555
0.8836	0.9120	0.9409	0.9702	1.0000

Hrad:

0.0163	0.0325	0.0541	0.0730	0.0890
0.1069	0.1265	0.1481	0.1699	0.1925
0.2152	0.2359	0.2579	0.2801	0.3023
0.3242	0.3447	0.3653	0.3876	0.4096
0.4305	0.4504	0.4701	0.4895	0.5090
0.5287	0.5476	0.5655	0.5830	0.6003
0.6143	0.6251	0.6361	0.6489	0.6608
0.6861	0.7110	0.7357	0.7601	0.7842
0.8080	0.8315	0.8542	0.8765	0.8980
0.9193	0.9404	0.9605	0.9803	1.0000

Width:

0.1035	0.2028	0.2456	0.2927	0.3485
0.3934	0.4284	0.4531	0.4741	0.4914
0.5067	0.5254	0.5402	0.5539	0.5664
0.5786	0.5926	0.6059	0.6160	0.6261
0.6374	0.6496	0.6619	0.6743	0.6861
0.6975	0.7096	0.7226	0.7359	0.7493
0.7663	0.7884	0.8103	0.8301	0.8511
0.8554	0.8612	0.8670	0.8729	0.8796
0.8868	0.8940	0.9045	0.9155	0.9290
0.9420	0.9548	0.9710	0.9864	1.0000

Transect C21_1

Area:

0.0030	0.0083	0.0158	0.0247	0.0347
0.0456	0.0580	0.0722	0.0876	0.1039
0.1206	0.1377	0.1550	0.1726	0.1904
0.2085	0.2269	0.2456	0.2645	0.2837
0.3031	0.3228	0.3428	0.3633	0.3846
0.4063	0.4283	0.4507	0.4733	0.4961
0.5191	0.5424	0.5658	0.5895	0.6135
0.6377	0.6621	0.6868	0.7117	0.7368
0.7621	0.7876	0.8133	0.8392	0.8653
0.8917	0.9183	0.9452	0.9725	1.0000

Hrad:

0.0294	0.0564	0.0884	0.1234	0.1543
0.1820	0.2025	0.2220	0.2396	0.2590
0.2795	0.3007	0.3224	0.3444	0.3664
0.3876	0.4089	0.4304	0.4519	0.4728
0.4935	0.5134	0.5318	0.5455	0.5611
0.5788	0.5963	0.6149	0.6339	0.6525
0.6716	0.6903	0.7088	0.7268	0.7445
0.7623	0.7800	0.7977	0.8157	0.8336
0.8512	0.8688	0.8865	0.9043	0.9215
0.9381	0.9533	0.9683	0.9816	1.0000

Width:

0.1582	0.2329	0.3007	0.3433	0.3771
0.4135	0.4989	0.5329	0.5790	0.5990
0.6121	0.6236	0.6329	0.6410	0.6497
0.6626	0.6734	0.6821	0.6902	0.6999
0.7087	0.7195	0.7331	0.7591	0.7793
0.7927	0.8055	0.8149	0.8229	0.8315
0.8387	0.8465	0.8548	0.8639	0.8730
0.8819	0.8904	0.8989	0.9062	0.9137
0.9213	0.9292	0.9363	0.9431	0.9509
0.9595	0.9706	0.9816	0.9953	1.0000

Transect C21_2

Area:

0.0008	0.0025	0.0050	0.0086	0.0144
0.0237	0.0353	0.0488	0.0652	0.0856
0.1082	0.1308	0.1535	0.1761	0.1988
0.2215	0.2443	0.2670	0.2897	0.3125
0.3352	0.3580	0.3808	0.4036	0.4264
0.4492	0.4720	0.4948	0.5177	0.5405
0.5634	0.5862	0.6091	0.6320	0.6549
0.6778	0.7007	0.7236	0.7465	0.7695
0.7924	0.8154	0.8384	0.8614	0.8844
0.9075	0.9306	0.9537	0.9768	1.0000

Hrad:

0.0231	0.0424	0.0599	0.0758	0.0645
0.0810	0.1033	0.1193	0.1278	0.1407
0.1716	0.2049	0.2375	0.2693	0.3003
0.3307	0.3603	0.3894	0.4177	0.4455
0.4726	0.4992	0.5252	0.5506	0.5756
0.6000	0.6239	0.6473	0.6703	0.6928
0.7149	0.7366	0.7578	0.7786	0.7991
0.8192	0.8389	0.8582	0.8772	0.8959
0.9142	0.9322	0.9499	0.9673	0.9845
1.0013	1.0179	1.0342	1.0503	1.0000

Width:

0.0499	0.0822	0.1188	0.1595	0.3219
0.4189	0.4860	0.5804	0.7240	0.8643
0.8866	0.8874	0.8882	0.8889	0.8897
0.8904	0.8909	0.8913	0.8917	0.8920
0.8924	0.8927	0.8931	0.8935	0.8938
0.8942	0.8946	0.8949	0.8953	0.8956
0.8960	0.8964	0.8967	0.8971	0.8975
0.8978	0.8982	0.8986	0.8989	0.8993
0.9000	0.9009	0.9018	0.9027	0.9036
0.9045	0.9054	0.9064	0.9073	1.0000

Transect C22

Area:

0.0086	0.0208	0.0336	0.0470	0.0610
0.0757	0.0909	0.1072	0.1244	0.1420
0.1597	0.1794	0.1998	0.2205	0.2415
0.2626	0.2837	0.3049	0.3260	0.3472
0.3685	0.3897	0.4110	0.4323	0.4536
0.4750	0.4963	0.5177	0.5392	0.5607
0.5822	0.6037	0.6253	0.6468	0.6684
0.6901	0.7118	0.7335	0.7552	0.7770
0.7988	0.8206	0.8425	0.8644	0.8863
0.9083	0.9303	0.9525	0.9756	1.0000

Hrad:

0.0270	0.0611	0.0947	0.1270	0.1573
0.1865	0.2138	0.2326	0.2619	0.2953
0.3286	0.3570	0.3849	0.4126	0.4403
0.4684	0.4967	0.5248	0.5528	0.5806
0.6081	0.6353	0.6622	0.6887	0.7150
0.7409	0.7664	0.7916	0.8165	0.8410
0.8652	0.8890	0.9125	0.9357	0.9585
0.9810	1.0032	1.0251	1.0466	1.0679
1.0888	1.1095	1.1299	1.1500	1.1699
1.1895	1.2088	1.2038	1.1778	1.0000

Width:

0.4721	0.5060	0.5279	0.5498	0.5752
0.6010	0.6300	0.6824	0.7011	0.7048
0.7636	0.8092	0.8249	0.8399	0.8475
0.8485	0.8495	0.8504	0.8515	0.8526
0.8536	0.8547	0.8558	0.8569	0.8578
0.8589	0.8601	0.8613	0.8626	0.8638
0.8650	0.8660	0.8671	0.8682	0.8694
0.8706	0.8719	0.8731	0.8744	0.8759
0.8773	0.8787	0.8800	0.8814	0.8828
0.8841	0.8855	0.9087	0.9541	1.0000

Transect C22_1

Area:

0.0034	0.0111	0.0219	0.0350	0.0503
0.0687	0.0893	0.1102	0.1310	0.1519
0.1728	0.1937	0.2146	0.2355	0.2565
0.2774	0.2984	0.3194	0.3404	0.3613
0.3823	0.4034	0.4244	0.4454	0.4664
0.4875	0.5085	0.5296	0.5506	0.5717
0.5928	0.6139	0.6350	0.6561	0.6772
0.6984	0.7195	0.7406	0.7618	0.7830
0.8041	0.8253	0.8465	0.8678	0.8890
0.9103	0.9316	0.9529	0.9754	1.0000

Hrad:

0.0235	0.0436	0.0696	0.0953	0.1183
0.1409	0.1712	0.2029	0.2346	0.2660
0.2969	0.3272	0.3569	0.3860	0.4145
0.4423	0.4695	0.4961	0.5221	0.5476
0.5725	0.5969	0.6207	0.6441	0.6670
0.6894	0.7114	0.7329	0.7540	0.7747
0.7950	0.8149	0.8344	0.8535	0.8723
0.8908	0.9089	0.9267	0.9442	0.9613
0.9782	0.9947	1.0110	1.0270	1.0428
1.0583	1.0735	1.0851	1.0334	1.0000

Width:

0.2172	0.3835	0.4707	0.5448	0.6669
0.7791	0.8199	0.8206	0.8214	0.8221
0.8228	0.8236	0.8241	0.8245	0.8248
0.8251	0.8255	0.8258	0.8262	0.8265
0.8269	0.8272	0.8275	0.8279	0.8282
0.8286	0.8289	0.8293	0.8296	0.8299
0.8303	0.8306	0.8310	0.8313	0.8317
0.8320	0.8323	0.8327	0.8330	0.8334
0.8342	0.8350	0.8357	0.8365	0.8373
0.8381	0.8389	0.8436	0.9277	1.0000

Transect C23

Area:

0.0072	0.0209	0.0354	0.0507	0.0675
0.0874	0.1080	0.1285	0.1491	0.1697
0.1903	0.2109	0.2315	0.2521	0.2727
0.2934	0.3140	0.3346	0.3553	0.3759
0.3965	0.4172	0.4379	0.4585	0.4792
0.4999	0.5206	0.5413	0.5620	0.5827
0.6034	0.6241	0.6449	0.6656	0.6863
0.7071	0.7278	0.7486	0.7694	0.7902
0.8110	0.8318	0.8527	0.8735	0.8943
0.9152	0.9361	0.9570	0.9779	1.0000

Hrad:

0.0321	0.0599	0.0895	0.1174	0.1411
0.1603	0.1850	0.2104	0.2359	0.2614
0.2867	0.3118	0.3367	0.3612	0.3855
0.4095	0.4332	0.4566	0.4797	0.5025
0.5251	0.5474	0.5695	0.5913	0.6128
0.6341	0.6552	0.6760	0.6967	0.7171
0.7373	0.7573	0.7771	0.7967	0.8162
0.8354	0.8545	0.8734	0.8921	0.9107
0.9291	0.9474	0.9655	0.9834	1.0013
1.0189	1.0365	1.0539	1.0712	1.0000

Width:

0.4782	0.5406	0.5695	0.6072	0.6828
0.7861	0.7864	0.7866	0.7868	0.7871
0.7873	0.7875	0.7878	0.7880	0.7882
0.7885	0.7887	0.7889	0.7892	0.7894
0.7896	0.7899	0.7901	0.7903	0.7906
0.7908	0.7910	0.7913	0.7915	0.7917
0.7920	0.7922	0.7924	0.7927	0.7931
0.7935	0.7939	0.7944	0.7948	0.7953
0.7957	0.7962	0.7966	0.7970	0.7975
0.7979	0.7984	0.7988	0.7993	1.0000

Transect C24

Area:

0.0077	0.0241	0.0437	0.0638	0.0840
0.1042	0.1244	0.1446	0.1649	0.1851
0.2054	0.2257	0.2460	0.2663	0.2866
0.3069	0.3272	0.3475	0.3679	0.3882
0.4085	0.4288	0.4492	0.4695	0.4899
0.5102	0.5306	0.5509	0.5713	0.5916
0.6120	0.6324	0.6527	0.6731	0.6935
0.7139	0.7343	0.7547	0.7751	0.7955
0.8159	0.8363	0.8567	0.8771	0.8975
0.9179	0.9384	0.9588	0.9792	1.0000

Hrad:

0.0259	0.0475	0.0695	0.0936	0.1180
0.1423	0.1665	0.1905	0.2142	0.2378
0.2611	0.2842	0.3071	0.3298	0.3523
0.3746	0.3967	0.4186	0.4403	0.4619
0.4832	0.5045	0.5255	0.5465	0.5672
0.5878	0.6083	0.6287	0.6489	0.6690
0.6889	0.7088	0.7285	0.7481	0.7676
0.7870	0.8063	0.8254	0.8445	0.8635
0.8824	0.9012	0.9199	0.9385	0.9570
0.9755	0.9938	1.0121	1.0303	1.0000

Width:

0.5490	0.7807	0.8560	0.8567	0.8573
0.8580	0.8586	0.8593	0.8599	0.8606
0.8612	0.8619	0.8620	0.8622	0.8624
0.8625	0.8627	0.8629	0.8630	0.8632
0.8633	0.8635	0.8637	0.8638	0.8640
0.8642	0.8643	0.8645	0.8646	0.8648
0.8650	0.8651	0.8653	0.8655	0.8656
0.8658	0.8659	0.8661	0.8663	0.8664
0.8666	0.8668	0.8669	0.8671	0.8672
0.8674	0.8676	0.8677	0.8679	1.0000

Transect C25_1

Area:

0.0020	0.0073	0.0159	0.0266	0.0388
0.0523	0.0669	0.0823	0.0987	0.1161
0.1344	0.1533	0.1726	0.1920	0.2116
0.2313	0.2512	0.2714	0.2917	0.3122
0.3328	0.3536	0.3746	0.3958	0.4172
0.4387	0.4604	0.4822	0.5042	0.5264
0.5487	0.5712	0.5938	0.6166	0.6396
0.6627	0.6859	0.7094	0.7330	0.7567
0.7805	0.8045	0.8285	0.8527	0.8770
0.9014	0.9259	0.9505	0.9752	1.0000

Hrad:

0.0142	0.0263	0.0399	0.0573	0.0748
0.0928	0.1110	0.1288	0.1456	0.1611
0.1798	0.1989	0.2219	0.2450	0.2679
0.2902	0.3118	0.3336	0.3558	0.3778
0.3996	0.4210	0.4419	0.4623	0.4835
0.5049	0.5263	0.5476	0.5683	0.5890
0.6089	0.6291	0.6500	0.6707	0.6908
0.7104	0.7301	0.7502	0.7709	0.7912
0.8122	0.8333	0.8543	0.8751	0.8959
0.9165	0.9374	0.9584	0.9791	1.0000

Width:

0.1381	0.2799	0.3975	0.4644	0.5202
0.5648	0.6034	0.6396	0.6784	0.7215
0.7484	0.7714	0.7784	0.7842	0.7904
0.7977	0.8063	0.8141	0.8203	0.8268
0.8333	0.8404	0.8482	0.8566	0.8633
0.8694	0.8752	0.8810	0.8876	0.8941
0.9015	0.9084	0.9140	0.9198	0.9261
0.9331	0.9399	0.9460	0.9511	0.9566
0.9613	0.9657	0.9700	0.9745	0.9790
0.9836	0.9878	0.9918	0.9960	1.0000

Transect C26

Area:

0.0005	0.0024	0.0056	0.0098	0.0152
0.0215	0.0284	0.0361	0.0444	0.0535
0.0632	0.0734	0.0842	0.0956	0.1075
0.1202	0.1334	0.1473	0.1617	0.1768
0.1926	0.2094	0.2271	0.2459	0.2660
0.2871	0.3092	0.3321	0.3560	0.3804
0.4055	0.4311	0.4572	0.4840	0.5112
0.5388	0.5669	0.5954	0.6243	0.6538
0.6839	0.7145	0.7457	0.7777	0.8105
0.8458	0.8831	0.9212	0.9601	1.0000

Hrad:

0.0197	0.0384	0.0625	0.0862	0.1098
0.1369	0.1650	0.1908	0.2150	0.2403
0.2672	0.2947	0.3210	0.3466	0.3685
0.3911	0.4156	0.4388	0.4613	0.4830
0.4995	0.5120	0.5260	0.5323	0.5430
0.5594	0.5792	0.5988	0.6205	0.6460
0.6738	0.7017	0.7269	0.7532	0.7827
0.8118	0.8410	0.8699	0.8963	0.9211
0.9446	0.9675	0.9893	1.0065	1.0094
0.9619	0.9812	1.0034	1.0238	1.0000

Width:

0.0267	0.0620	0.0898	0.1151	0.1399
0.1582	0.1738	0.1905	0.2081	0.2242
0.2382	0.2509	0.2640	0.2774	0.2936
0.3091	0.3229	0.3375	0.3525	0.3681
0.3877	0.4112	0.4341	0.4646	0.4928
0.5164	0.5370	0.5577	0.5764	0.5915
0.6042	0.6164	0.6309	0.6442	0.6545
0.6648	0.6748	0.6849	0.6968	0.7097
0.7237	0.7379	0.7530	0.7717	0.8021
0.8793	0.8999	0.9177	0.9372	1.0000

Transect C27

Area:

0.0070	0.0168	0.0282	0.0411	0.0557
0.0712	0.0871	0.1033	0.1205	0.1387
0.1578	0.1773	0.1974	0.2181	0.2388
0.2597	0.2808	0.3020	0.3235	0.3450
0.3666	0.3881	0.4097	0.4313	0.4530
0.4746	0.4962	0.5179	0.5396	0.5613
0.5830	0.6047	0.6264	0.6482	0.6700
0.6917	0.7135	0.7354	0.7572	0.7791
0.8011	0.8230	0.8450	0.8671	0.8891
0.9112	0.9334	0.9555	0.9777	1.0000

Hrad:

0.0174	0.0358	0.0525	0.0680	0.0818
0.1024	0.1224	0.1409	0.1548	0.1724
0.1835	0.2026	0.2163	0.2373	0.2584
0.2794	0.2990	0.3185	0.3388	0.3607
0.3826	0.4047	0.4267	0.4486	0.4707
0.4926	0.5146	0.5365	0.5584	0.5802
0.6020	0.6237	0.6455	0.6672	0.6888
0.7103	0.7316	0.7529	0.7736	0.7944
0.8152	0.8361	0.8570	0.8778	0.8984
0.9187	0.9391	0.9595	0.9798	1.0000

Width:

0.4077	0.4762	0.5448	0.6116	0.6892
0.7036	0.7196	0.7424	0.7959	0.8380
0.8702	0.8854	0.9235	0.9296	0.9351
0.9404	0.9501	0.9592	0.9657	0.9672
0.9682	0.9691	0.9699	0.9706	0.9712
0.9718	0.9724	0.9731	0.9736	0.9742
0.9749	0.9756	0.9763	0.9769	0.9777
0.9785	0.9796	0.9807	0.9825	0.9840
0.9856	0.9869	0.9883	0.9897	0.9913
0.9931	0.9949	0.9965	0.9983	1.0000

Transect C28

Area:

0.0016	0.0055	0.0107	0.0173	0.0249

0.0334	0.0426	0.0524	0.0628	0.0738
0.0857	0.0982	0.1113	0.1250	0.1394
0.1543	0.1701	0.1865	0.2036	0.2212
0.2396	0.2585	0.2777	0.2973	0.3174
0.3377	0.3584	0.3794	0.4008	0.4224
0.4442	0.4663	0.4887	0.5114	0.5344
0.5578	0.5816	0.6059	0.6308	0.6563
0.6825	0.7095	0.7378	0.7680	0.8002
0.8348	0.8722	0.9120	0.9541	1.0000

Hrad:

0.0246	0.0585	0.0864	0.1168	0.1480
0.1814	0.2156	0.2498	0.2842	0.3062
0.3370	0.3699	0.3990	0.4280	0.4578
0.4832	0.5075	0.5343	0.5646	0.5891
0.6174	0.6537	0.6869	0.7176	0.7551
0.7922	0.8267	0.8594	0.8963	0.9342
0.9717	1.0070	1.0417	1.0748	1.1059
1.1356	1.1638	1.1835	1.2036	1.2220
1.2335	1.2386	1.2066	1.1841	1.1526
1.1063	1.0858	1.0713	1.0455	1.0000

Width:

0.0658	0.0937	0.1245	0.1481	0.1685
0.1842	0.1978	0.2099	0.2209	0.2410
0.2544	0.2655	0.2789	0.2921	0.3044
0.3194	0.3350	0.3490	0.3605	0.3754
0.3880	0.3953	0.4041	0.4142	0.4201
0.4261	0.4333	0.4413	0.4469	0.4519
0.4569	0.4628	0.4689	0.4756	0.4830
0.4910	0.4995	0.5117	0.5239	0.5369
0.5531	0.5726	0.6113	0.6484	0.6941
0.7544	0.8032	0.8512	0.9126	1.0000

Transect C30

Area:

0.0003	0.0014	0.0037	0.0074	0.0120
0.0182	0.0261	0.0352	0.0467	0.0618
0.0797	0.0980	0.1166	0.1354	0.1545
0.1738	0.1933	0.2130	0.2330	0.2534
0.2741	0.2950	0.3162	0.3376	0.3592
0.3810	0.4031	0.4255	0.4482	0.4713
0.4948	0.5185	0.5424	0.5666	0.5912
0.6162	0.6415	0.6671	0.6930	0.7191
0.7455	0.7722	0.7992	0.8267	0.8546
0.8828	0.9114	0.9405	0.9701	1.0000

Hrad:

0.0152	0.0304	0.0359	0.0539	0.0704
0.0762	0.0932	0.1012	0.1178	0.1051
0.1337	0.1614	0.1888	0.2163	0.2439
0.2712	0.2983	0.3242	0.3486	0.3726
0.3980	0.4237	0.4491	0.4743	0.4988
0.5228	0.5467	0.5696	0.5889	0.6083
0.6317	0.6549	0.6780	0.6990	0.7169
0.7357	0.7577	0.7796	0.8013	0.8222
0.8429	0.8634	0.8803	0.8961	0.9137
0.9319	0.9488	0.9603	0.9780	1.0000

Width:

0.0228	0.0455	0.1046	0.1390	0.1730
0.2415	0.2837	0.3526	0.4139	0.5951
0.6038	0.6141	0.6244	0.6328	0.6399
0.6470	0.6541	0.6629	0.6743	0.6857
0.6940	0.7015	0.7089	0.7163	0.7245
0.7329	0.7413	0.7508	0.7647	0.7783
0.7865	0.7947	0.8029	0.8133	0.8272
0.8399	0.8488	0.8577	0.8666	0.8762
0.8858	0.8955	0.9089	0.9235	0.9361
0.9479	0.9610	0.9798	0.9922	1.0000

Transect C31

Area:

0.0043	0.0127	0.0244	0.0379	0.0522
0.0670	0.0824	0.0981	0.1143	0.1308
0.1476	0.1646	0.1820	0.1996	0.2174
0.2355	0.2538	0.2723	0.2910	0.3099
0.3291	0.3484	0.3679	0.3876	0.4076
0.4278	0.4482	0.4689	0.4899	0.5112
0.5329	0.5548	0.5772	0.5998	0.6226
0.6457	0.6691	0.6927	0.7165	0.7407
0.7651	0.7899	0.8149	0.8403	0.8659
0.8919	0.9183	0.9450	0.9722	1.0000

Hrad:

0.0181	0.0358	0.0547	0.0776	0.1023
0.1272	0.1515	0.1757	0.2001	0.2244
0.2489	0.2732	0.2972	0.3212	0.3453
0.3691	0.3927	0.4165	0.4400	0.4633
0.4866	0.5097	0.5326	0.5550	0.5770
0.5987	0.6179	0.6381	0.6572	0.6747
0.6918	0.7092	0.7272	0.7464	0.7662
0.7854	0.8049	0.8247	0.8437	0.8596
0.8784	0.8948	0.9119	0.9284	0.9446
0.9594	0.9733	0.9864	0.9966	1.0000

Width:

0.2415	0.3603	0.4545	0.4965	0.5195
0.5362	0.5528	0.5675	0.5801	0.5916
0.6017	0.6113	0.6208	0.6297	0.6379
0.6459	0.6540	0.6614	0.6688	0.6762
0.6833	0.6904	0.6974	0.7050	0.7128
0.7207	0.7314	0.7408	0.7511	0.7631
0.7754	0.7872	0.7982	0.8077	0.8165
0.8258	0.8345	0.8429	0.8519	0.8640
0.8731	0.8845	0.8951	0.9062	0.9176
0.9303	0.9439	0.9583	0.9756	1.0000

Transect C35

Area:

0.0024	0.0074	0.0158	0.0256	0.0364
0.0480	0.0630	0.0819	0.1011	0.1204
0.1400	0.1596	0.1795	0.1996	0.2199
0.2403	0.2609	0.2816	0.3023	0.3231
0.3439	0.3648	0.3857	0.4067	0.4277
0.4488	0.4700	0.4913	0.5126	0.5340
0.5554	0.5770	0.5986	0.6204	0.6424
0.6645	0.6868	0.7094	0.7321	0.7551
0.7784	0.8020	0.8258	0.8500	0.8743
0.8989	0.9237	0.9488	0.9742	1.0000

Hrad:

0.0178	0.0295	0.0471	0.0684	0.0896
0.1101	0.0924	0.1185	0.1447	0.1707
0.1965	0.2219	0.2467	0.2717	0.2962
0.3202	0.3458	0.3714	0.3968	0.4221
0.4472	0.4721	0.4968	0.5213	0.5457
0.5695	0.5932	0.6166	0.6400	0.6632
0.6859	0.7081	0.7296	0.7498	0.7695
0.7885	0.8065	0.8236	0.8404	0.8564
0.8710	0.8863	0.9002	0.9165	0.9336
0.9481	0.9646	0.9791	0.9910	1.0000

Width:

0.1430	0.2653	0.3561	0.3972	0.4303
0.4794	0.7231	0.7327	0.7403	0.7468
0.7532	0.7604	0.7686	0.7754	0.7830
0.7910	0.7935	0.7956	0.7976	0.7995
0.8015	0.8035	0.8056	0.8077	0.8099
0.8127	0.8155	0.8183	0.8210	0.8238
0.8270	0.8307	0.8351	0.8409	0.8472
0.8540	0.8619	0.8707	0.8796	0.8894
0.9006	0.9109	0.9227	0.9319	0.9400
0.9508	0.9594	0.9701	0.9834	1.0000

Transect C35_1

Area:

0.0008	0.0038	0.0084	0.0142	0.0209
0.0285	0.0368	0.0457	0.0553	0.0657
0.0766	0.0880	0.0998	0.1121	0.1247
0.1378	0.1515	0.1661	0.1831	0.2046
0.2297	0.2549	0.2802	0.3056	0.3311
0.3567	0.3823	0.4081	0.4340	0.4600
0.4861	0.5123	0.5386	0.5649	0.5914
0.6179	0.6445	0.6712	0.6979	0.7247
0.7516	0.7787	0.8058	0.8330	0.8604
0.8878	0.9154	0.9433	0.9715	1.0000

Hrad:

0.0144	0.0282	0.0476	0.0656	0.0853
0.1048	0.1250	0.1440	0.1612	0.1804
0.2001	0.2204	0.2414	0.2619	0.2811
0.2998	0.3132	0.3136	0.3077	0.2988
0.2825	0.3068	0.3316	0.3573	0.3832
0.4089	0.4341	0.4593	0.4848	0.5103
0.5365	0.5628	0.5890	0.6150	0.6410
0.6671	0.6936	0.7201	0.7465	0.7718
0.7969	0.8222	0.8476	0.8730	0.8983
0.9237	0.9445	0.9620	0.9807	1.0000

Width:

0.0559	0.1341	0.1793	0.2207	0.2504
0.2767	0.2985	0.3227	0.3503	0.3711
0.3897	0.4059	0.4194	0.4332	0.4487
0.4647	0.4886	0.5370	0.6702	0.8398
0.8768	0.8808	0.8845	0.8873	0.8901
0.8931	0.8972	0.9012	0.9051	0.9089
0.9117	0.9144	0.9172	0.9203	0.9234
0.9262	0.9286	0.9310	0.9333	0.9369
0.9408	0.9443	0.9478	0.9513	0.9547
0.9581	0.9662	0.9783	0.9894	1.0000

Transect C35_2

Area:

0.0030	0.0083	0.0149	0.0226	0.0312
0.0408	0.0513	0.0625	0.0745	0.0877
0.1025	0.1184	0.1351	0.1524	0.1701
0.1883	0.2068	0.2257	0.2450	0.2647
0.2847	0.3051	0.3257	0.3467	0.3680
0.3895	0.4113	0.4335	0.4560	0.4787
0.5018	0.5251	0.5488	0.5727	0.5970
0.6215	0.6464	0.6716	0.6971	0.7227
0.7487	0.7750	0.8017	0.8287	0.8562
0.8842	0.9126	0.9414	0.9705	1.0000

Hrad:

0.0307	0.0611	0.0888	0.1142	0.1364
0.1566	0.1770	0.1957	0.2126	0.2306
0.2549	0.2783	0.3010	0.3236	0.3462
0.3688	0.3909	0.4131	0.4339	0.4554
0.4768	0.4979	0.5189	0.5397	0.5605

0.5813	0.6016	0.6206	0.6403	0.6600
0.6796	0.6986	0.7177	0.7364	0.7549
0.7734	0.7904	0.8086	0.8271	0.8455
0.8633	0.8792	0.8951	0.9103	0.9254
0.9393	0.9543	0.9700	0.9849	1.0000

Width:

0.1521	0.2034	0.2407	0.2733	0.3075
0.3390	0.3645	0.3914	0.4207	0.4733
0.5201	0.5495	0.5726	0.5910	0.6053
0.6180	0.6306	0.6420	0.6573	0.6689
0.6798	0.6907	0.7011	0.7117	0.7211
0.7301	0.7395	0.7518	0.7620	0.7714
0.7812	0.7916	0.8016	0.8117	0.8219
0.8314	0.8436	0.8529	0.8612	0.8696
0.8790	0.8918	0.9047	0.9191	0.9334
0.9497	0.9631	0.9745	0.9874	1.0000

Transect C37

Area:

0.0063	0.0153	0.0254	0.0365	0.0489
0.0628	0.0780	0.0955	0.1160	0.1374
0.1588	0.1802	0.2016	0.2230	0.2444
0.2658	0.2873	0.3087	0.3301	0.3516
0.3730	0.3945	0.4159	0.4374	0.4588
0.4803	0.5018	0.5232	0.5447	0.5662
0.5877	0.6092	0.6307	0.6522	0.6737
0.6952	0.7167	0.7383	0.7598	0.7813
0.8028	0.8244	0.8459	0.8675	0.8890
0.9106	0.9321	0.9537	0.9758	1.0000

Hrad:

0.0374	0.0794	0.1166	0.1496	0.1783
0.2031	0.2243	0.2375	0.2507	0.2684
0.2880	0.3084	0.3294	0.3506	0.3719
0.3933	0.4145	0.4357	0.4568	0.4777
0.4985	0.5191	0.5395	0.5598	0.5800
0.5999	0.6198	0.6394	0.6590	0.6783
0.6976	0.7167	0.7356	0.7544	0.7731
0.7917	0.8101	0.8284	0.8467	0.8647
0.8827	0.9006	0.9184	0.9360	0.9536
0.9711	0.9885	1.0058	1.0062	1.0000

Width:

0.3200	0.3745	0.4143	0.4588	0.5114
0.5671	0.6316	0.7569	0.8328	0.8355
0.8357	0.8359	0.8360	0.8362	0.8364
0.8366	0.8368	0.8369	0.8371	0.8373
0.8375	0.8376	0.8378	0.8380	0.8382
0.8384	0.8385	0.8387	0.8389	0.8391
0.8393	0.8394	0.8396	0.8398	0.8400
0.8401	0.8403	0.8405	0.8407	0.8409
0.8410	0.8412	0.8414	0.8416	0.8418
0.8419	0.8421	0.8423	0.9004	1.0000

Transect C38

Area:

0.0043	0.0114	0.0196	0.0284	0.0376
0.0473	0.0574	0.0678	0.0787	0.0899
0.1015	0.1134	0.1257	0.1384	0.1515
0.1653	0.1834	0.2043	0.2254	0.2466
0.2680	0.2895	0.3112	0.3331	0.3551
0.3772	0.3996	0.4221	0.4447	0.4675
0.4905	0.5137	0.5369	0.5604	0.5840
0.6078	0.6318	0.6559	0.6803	0.7048
0.7295	0.7544	0.7797	0.8060	0.8345
0.8646	0.8960	0.9290	0.9637	1.0000

Hrad:

0.0223	0.0480	0.0747	0.1016	0.1285
0.1548	0.1803	0.2049	0.2289	0.2530
0.2767	0.2997	0.3218	0.3426	0.3608
0.3728	0.3761	0.3959	0.4202	0.4470
0.4754	0.5048	0.5350	0.5657	0.5967
0.6276	0.6585	0.6894	0.7203	0.7511
0.7817	0.8122	0.8425	0.8724	0.9018
0.9306	0.9590	0.9871	1.0149	1.0425
1.0692	1.0929	1.1059	1.0788	1.0358
1.0331	1.0306	1.0136	1.0094	1.0000

Width:

0.1687	0.2071	0.2279	0.2423	0.2538
0.2642	0.2747	0.2854	0.2959	0.3056
0.3149	0.3245	0.3347	0.3458	0.3593
0.3793	0.5580	0.5623	0.5664	0.5706
0.5748	0.5791	0.5834	0.5876	0.5918
0.5961	0.6005	0.6049	0.6092	0.6134
0.6177	0.6220	0.6262	0.6304	0.6350
0.6397	0.6446	0.6495	0.6545	0.6594
0.6647	0.6719	0.6861	0.7291	0.7909
0.8236	0.8579	0.9092	0.9503	1.0000

Transect C39

Area:

0.0095	0.0239	0.0405	0.0597	0.0790
0.0984	0.1178	0.1374	0.1574	0.1774
0.1975	0.2176	0.2377	0.2578	0.2779
0.2981	0.3183	0.3385	0.3587	0.3789
0.3992	0.4194	0.4397	0.4599	0.4802
0.5005	0.5208	0.5411	0.5614	0.5818
0.6021	0.6224	0.6428	0.6632	0.6836
0.7040	0.7244	0.7448	0.7652	0.7856
0.8061	0.8265	0.8470	0.8675	0.8883
0.9095	0.9310	0.9530	0.9760	1.0000

Hrad:

0.0214	0.0442	0.0648	0.0886	0.1163
0.1436	0.1705	0.1967	0.2219	0.2467
0.2713	0.2954	0.3193	0.3428	0.3659
0.3887	0.4112	0.4334	0.4553	0.4769
0.4982	0.5192	0.5400	0.5605	0.5807
0.6007	0.6205	0.6399	0.6592	0.6782
0.6969	0.7155	0.7338	0.7519	0.7697
0.7874	0.8048	0.8221	0.8391	0.8559
0.8726	0.8890	0.9053	0.9213	0.9367
0.9514	0.9656	0.9788	0.9907	1.0000

Width:

0.5208	0.6353	0.7342	0.7868	0.7882
0.7896	0.7898	0.8129	0.8139	0.8150
0.8160	0.8170	0.8181	0.8191	0.8202
0.8212	0.8219	0.8223	0.8227	0.8231
0.8236	0.8240	0.8244	0.8248	0.8252
0.8257	0.8261	0.8265	0.8269	0.8274
0.8278	0.8282	0.8286	0.8290	0.8295
0.8299	0.8303	0.8307	0.8312	0.8316
0.8320	0.8324	0.8328	0.8383	0.8549
0.8680	0.8843	0.9109	0.9574	1.0000

Transect C4

Area:

0.0010	0.0041	0.0117	0.0223	0.0336
0.0452	0.0573	0.0698	0.0826	0.0959
0.1095	0.1237	0.1383	0.1536	0.1693
0.1855	0.2020	0.2189	0.2360	0.2533
0.2710	0.2889	0.3071	0.3259	0.3454
0.3654	0.3857	0.4063	0.4272	0.4483
0.4697	0.4914	0.5133	0.5355	0.5580
0.5809	0.6040	0.6276	0.6516	0.6762
0.7020	0.7310	0.7622	0.7949	0.8282
0.8621	0.8963	0.9307	0.9653	1.0000

Hrad:

0.0185	0.0289	0.0390	0.0666	0.0957
0.1248	0.1527	0.1796	0.2061	0.2314
0.2563	0.2792	0.3001	0.3198	0.3424
0.3666	0.3909	0.4153	0.4402	0.4647
0.4887	0.5123	0.5346	0.5396	0.5591
0.5798	0.6020	0.6238	0.6468	0.6699
0.6921	0.7147	0.7358	0.7574	0.7774
0.7975	0.8164	0.8327	0.8454	0.8524
0.8156	0.8074	0.8062	0.8318	0.8597
0.8874	0.9153	0.9434	0.9716	1.0000

Width:

0.0510	0.1350	0.2843	0.3158	0.3305
0.3410	0.3521	0.3638	0.3750	0.3870
0.3986	0.4128	0.4291	0.4467	0.4598
0.4698	0.4792	0.4879	0.4953	0.5029
0.5107	0.5185	0.5277	0.5549	0.5674
0.5784	0.5874	0.5965	0.6041	0.6112
0.6190	0.6261	0.6346	0.6425	0.6517
0.6607	0.6707	0.6831	0.6988	0.7197
0.7877	0.8671	0.9279	0.9462	0.9683
0.9795	0.9856	0.9913	0.9954	1.0000

Transect C40

Area:

0.0030	0.0084	0.0153	0.0233	0.0323
0.0422	0.0527	0.0640	0.0759	0.0885
0.1019	0.1159	0.1305	0.1455	0.1609
0.1768	0.1930	0.2097	0.2266	0.2441
0.2619	0.2803	0.2994	0.3193	0.3398
0.3609	0.3824	0.4045	0.4270	0.4501
0.4737	0.4980	0.5228	0.5481	0.5740
0.6004	0.6274	0.6549	0.6827	0.7107
0.7389	0.7672	0.7956	0.8243	0.8531
0.8820	0.9112	0.9406	0.9702	1.0000

Hrad:

0.0203	0.0407	0.0614	0.0818	0.1024
0.1236	0.1446	0.1654	0.1855	0.2034
0.2233	0.2420	0.2634	0.2862	0.3077
0.3297	0.3508	0.3734	0.3945	0.4139
0.4323	0.4488	0.4589	0.4717	0.4891
0.5060	0.5248	0.5428	0.5602	0.5764
0.5912	0.6067	0.6237	0.6410	0.6574
0.6721	0.6867	0.7065	0.7318	0.7573
0.7828	0.8084	0.8335	0.8584	0.8834
0.9082	0.9303	0.9529	0.9762	1.0000

Width:

0.1495	0.2074	0.2498	0.2856	0.3161
0.3416	0.3651	0.3872	0.4094	0.4357
0.4567	0.4793	0.4958	0.5088	0.5235
0.5367	0.5506	0.5618	0.5749	0.5901
0.6063	0.6250	0.6527	0.6772	0.6950
0.7134	0.7290	0.7455	0.7624	0.7811
0.8015	0.8210	0.8384	0.8553	0.8733
0.8935	0.9138	0.9272	0.9331	0.9387
0.9440	0.9491	0.9547	0.9603	0.9657

0.9712	0.9795	0.9871	0.9939	1.0000

Transect C44
Area:

0.0020	0.0073	0.0159	0.0266	0.0388
0.0523	0.0669	0.0823	0.0987	0.1161
0.1344	0.1533	0.1726	0.1920	0.2116
0.2313	0.2512	0.2714	0.2917	0.3122
0.3328	0.3536	0.3746	0.3958	0.4172
0.4387	0.4604	0.4822	0.5042	0.5264
0.5487	0.5712	0.5938	0.6166	0.6396
0.6627	0.6859	0.7094	0.7330	0.7567
0.7805	0.8045	0.8285	0.8527	0.8770
0.9014	0.9259	0.9505	0.9752	1.0000

Hrad:

0.0136	0.0249	0.0382	0.0552	0.0725
0.0904	0.1084	0.1263	0.1433	0.1595
0.1784	0.1977	0.2202	0.2430	0.2655
0.2875	0.3090	0.3306	0.3528	0.3747
0.3965	0.4179	0.4389	0.4595	0.4808
0.5022	0.5237	0.5451	0.5660	0.5868
0.6070	0.6273	0.6484	0.6692	0.6896
0.7094	0.7293	0.7496	0.7705	0.7909
0.8119	0.8331	0.8541	0.8750	0.8958
0.9165	0.9374	0.9584	0.9791	1.0000

Width:

0.1381	0.2799	0.3975	0.4644	0.5202
0.5648	0.6034	0.6396	0.6784	0.7215
0.7484	0.7714	0.7784	0.7842	0.7904
0.7977	0.8063	0.8141	0.8203	0.8268
0.8333	0.8404	0.8482	0.8566	0.8633
0.8694	0.8752	0.8810	0.8876	0.8941
0.9015	0.9084	0.9140	0.9198	0.9261
0.9331	0.9399	0.9460	0.9511	0.9566
0.9613	0.9657	0.9700	0.9745	0.9790
0.9836	0.9878	0.9918	0.9960	1.0000

Transect C45
Area:

0.0009	0.0029	0.0057	0.0091	0.0130
0.0176	0.0230	0.0292	0.0361	0.0438
0.0520	0.0608	0.0701	0.0802	0.0912
0.1030	0.1156	0.1292	0.1439	0.1598
0.1777	0.1963	0.2153	0.2348	0.2547
0.2754	0.2968	0.3193	0.3435	0.3682
0.3933	0.4188	0.4449	0.4719	0.5000
0.5296	0.5605	0.5919	0.6238	0.6563
0.6894	0.7231	0.7571	0.7912	0.8255
0.8600	0.8946	0.9295	0.9647	1.0000

Hrad:

0.0221	0.0423	0.0655	0.0885	0.1100
0.1257	0.1428	0.1596	0.1770	0.1964
0.2195	0.2420	0.2620	0.2702	0.2854
0.3027	0.3178	0.3279	0.3391	0.3404
0.3465	0.3739	0.4014	0.4274	0.4494
0.4693	0.4854	0.4916	0.5011	0.5287
0.5566	0.5828	0.6023	0.6137	0.6216
0.6240	0.6436	0.6690	0.6943	0.7174
0.7351	0.7652	0.7951	0.8253	0.8555
0.8855	0.9146	0.9435	0.9721	1.0000

Width:

0.0416	0.0688	0.0877	0.1036	0.1194
0.1416	0.1629	0.1849	0.2064	0.2256
0.2398	0.2540	0.2704	0.2999	0.3231
0.3442	0.3679	0.3983	0.4290	0.4746
0.5186	0.5306	0.5420	0.5548	0.5725
0.5927	0.6175	0.6562	0.6925	0.7035
0.7135	0.7256	0.7457	0.7764	0.8123
0.8573	0.8797	0.8937	0.9076	0.9240
0.9473	0.9534	0.9595	0.9649	0.9701
0.9753	0.9813	0.9873	0.9934	1.0000

Transect C52
Area:

0.0025	0.0080	0.0150	0.0232	0.0324
0.0423	0.0530	0.0647	0.0775	0.0910
0.1051	0.1198	0.1350	0.1508	0.1672
0.1842	0.2017	0.2197	0.2383	0.2574
0.2772	0.2975	0.3184	0.3399	0.3618
0.3843	0.4072	0.4304	0.4540	0.4779
0.5021	0.5266	0.5516	0.5768	0.6020
0.6274	0.6529	0.6784	0.7041	0.7300
0.7560	0.7823	0.8089	0.8357	0.8626
0.8896	0.9169	0.9443	0.9720	1.0000

Hrad:

0.0195	0.0453	0.0688	0.0944	0.1208
0.1523	0.1839	0.2119	0.2371	0.2612
0.2848	0.3077	0.3301	0.3514	0.3720
0.3922	0.4122	0.4319	0.4506	0.4684
0.4857	0.5029	0.5200	0.5368	0.5537
0.5704	0.5878	0.6053	0.6231	0.6408
0.6581	0.6747	0.6913	0.7103	0.7296
0.7491	0.7685	0.7879	0.8064	0.8247
0.8425	0.8599	0.8773	0.8958	0.9146
0.9334	0.9513	0.9692	0.9854	1.0000

Width:

0.1593	0.2221	0.2740	0.3099	0.3376
0.3628	0.3945	0.4340	0.4677	0.4903
0.5091	0.5288	0.5472	0.5695	0.5916
0.6114	0.6292	0.6461	0.6662	0.6889
0.7107	0.7306	0.7495	0.7683	0.7856
0.8032	0.8167	0.8287	0.8393	0.8501
0.8620	0.8761	0.8896	0.8934	0.8963
0.8993	0.9027	0.9065	0.9124	0.9189
0.9266	0.9354	0.9439	0.9499	0.9552
0.9603	0.9675	0.9746	0.9855	1.0000

Transect C7
Area:

0.0010	0.0028	0.0050	0.0074	0.0103
0.0135	0.0188	0.0320	0.0471	0.0631
0.0797	0.0968	0.1145	0.1326	0.1512
0.1705	0.1906	0.2109	0.2314	0.2522
0.2733	0.2946	0.3161	0.3379	0.3600
0.3823	0.4049	0.4277	0.4508	0.4742
0.4978	0.5217	0.5459	0.5703	0.5950
0.6200	0.6453	0.6708	0.6967	0.7227
0.7491	0.7758	0.8027	0.8300	0.8575
0.8854	0.9134	0.9418	0.9706	1.0000

Hrad:

0.0433	0.0881	0.1311	0.1696	0.2062
0.2356	0.2465	0.2037	0.2003	0.2112
0.2281	0.2477	0.2687	0.2899	0.3106
0.3286	0.3501	0.3733	0.3963	0.4194
0.4422	0.4650	0.4875	0.5099	0.5318
0.5537	0.5751	0.5964	0.6174	0.6383
0.6588	0.6793	0.6993	0.7192	0.7387
0.7581	0.7770	0.7961	0.8150	0.8336
0.8516	0.8694	0.8874	0.9050	0.9224
0.9401	0.9573	0.9736	0.9878	1.0000

Width:

0.0506	0.0662	0.0779	0.0900	0.1020
0.1171	0.3206	0.4903	0.5236	0.5491
0.5676	0.5852	0.6003	0.6174	0.6368
0.6651	0.6788	0.6868	0.6954	0.7035
0.7124	0.7199	0.7284	0.7366	0.7457
0.7543	0.7637	0.7723	0.7816	0.7902
0.7995	0.8077	0.8172	0.8262	0.8357
0.8449	0.8550	0.8637	0.8722	0.8813
0.8920	0.9022	0.9114	0.9212	0.9309
0.9393	0.9487	0.9601	0.9773	1.0000

Transect C9
Area:

0.0032	0.0092	0.0160	0.0234	0.0313
0.0395	0.0479	0.0567	0.0658	0.0752
0.0849	0.0950	0.1055	0.1168	0.1288
0.1416	0.1551	0.1697	0.1851	0.2013
0.2181	0.2355	0.2538	0.2728	0.2924
0.3128	0.3338	0.3555	0.3782	0.4019
0.4263	0.4516	0.4776	0.5044	0.5324
0.5609	0.5898	0.6190	0.6487	0.6787
0.7091	0.7398	0.7709	0.8023	0.8341
0.8663	0.8990	0.9322	0.9658	1.0000

Hrad:

0.0226	0.0527	0.0832	0.1143	0.1448
0.1755	0.2051	0.2337	0.2620	0.2895
0.3154	0.3384	0.3704	0.4032	0.4329
0.4600	0.4848	0.5068	0.5275	0.5471
0.5663	0.5843	0.6015	0.6181	0.6343
0.6503	0.6659	0.6801	0.6928	0.7053
0.7183	0.7314	0.7440	0.7548	0.7658
0.7811	0.7963	0.8119	0.8276	0.8435
0.8595	0.8757	0.8917	0.9080	0.9241
0.9397	0.9550	0.9702	0.9853	1.0000

Width:

0.1522	0.1889	0.2086	0.2217	0.2329
0.2419	0.2509	0.2601	0.2686	0.2772
0.2867	0.2985	0.3155	0.3365	0.3597
0.3830	0.4075	0.4367	0.4578	0.4790
0.4971	0.5190	0.5408	0.5618	0.5815
0.6008	0.6200	0.6446	0.6726	0.6988
0.7226	0.7439	0.7670	0.7962	0.8240
0.8327	0.8446	0.8551	0.8665	0.8774
0.8877	0.8976	0.9085	0.9181	0.9291
0.9422	0.9566	0.9706	0.9844	1.0000

Transect DT01
Area:

0.0006	0.0014	0.0023	0.0046	0.0092
0.0145	0.0203	0.0264	0.0329	0.0398
0.0484	0.0604	0.0749	0.0896	0.1045
0.1195	0.1347	0.1504	0.1666	0.1842
0.2023	0.2204	0.2385	0.2567	0.2748
0.2931	0.3135	0.3387	0.3654	0.3922
0.4191	0.4459	0.4728	0.4997	0.5267
0.5537	0.5823	0.6127	0.6432	0.6736
0.7042	0.7348	0.7654	0.7961	0.8276
0.8601	0.8936	0.9282	0.9636	1.0000

Hrad:

0.0705	0.1191	0.1591	0.1504	0.1524
0.1794	0.2125	0.2468	0.2812	0.3043
0.2954	0.2991	0.3216	0.3513	0.3830
0.4148	0.4429	0.4661	0.4890	0.4975
0.5324	0.5669	0.6009	0.6344	0.6673
0.6994	0.7245	0.7368	0.7502	0.7669
0.7860	0.8066	0.8284	0.8509	0.8740
0.8975	0.7737	0.8004	0.8270	0.8536
0.8800	0.9063	0.9320	0.9291	0.9335
0.9411	0.9539	0.9675	0.9836	1.0000

Width:

0.0184	0.0227	0.0270	0.1118	0.1360
0.1508	0.1617	0.1716	0.1808	0.2013
0.2798	0.3557	0.3994	0.4022	0.4055
0.4098	0.4185	0.4336	0.4504	0.4905
0.4913	0.4922	0.4931	0.4938	0.4943
0.5153	0.6057	0.7266	0.7276	0.7286
0.7292	0.7300	0.7313	0.7325	0.7338
0.7351	0.8272	0.8275	0.8279	0.8291
0.8303	0.8315	0.8338	0.8380	0.8685
0.8992	0.9253	0.9520	0.9758	1.0000

Transect DT02

Area:

0.0005	0.0012	0.0024	0.0041	0.0065
0.0096	0.0134	0.0179	0.0231	0.0316
0.0452	0.0591	0.0732	0.0876	0.1022
0.1171	0.1322	0.1491	0.1673	0.1856
0.2039	0.2222	0.2406	0.2589	0.2773
0.2968	0.3200	0.3455	0.3710	0.3966
0.4222	0.4478	0.4734	0.4991	0.5268
0.5568	0.5869	0.6170	0.6471	0.6772
0.7073	0.7375	0.7677	0.7982	0.8297
0.8620	0.8952	0.9293	0.9642	1.0000

Hrad:

0.0582	0.0948	0.1209	0.1501	0.2091
0.2508	0.2852	0.3134	0.3335	0.3185
0.3004	0.3115	0.3327	0.3576	0.3844
0.4116	0.4367	0.4373	0.4635	0.4904
0.5174	0.5443	0.5711	0.5974	0.6234
0.6456	0.6581	0.6685	0.6818	0.6972
0.7138	0.7314	0.7496	0.7682	0.7206
0.7434	0.7679	0.7924	0.8170	0.8415
0.8659	0.8902	0.9143	0.9222	0.9327
0.9446	0.9565	0.9707	0.9847	1.0000

Width:

0.0160	0.0250	0.0393	0.0574	0.0764
0.0955	0.1132	0.1327	0.1636	0.3723
0.3790	0.3865	0.3935	0.4009	0.4076
0.4146	0.4256	0.5046	0.5050	0.5055
0.5060	0.5064	0.5069	0.5074	0.5084
0.5862	0.7047	0.7054	0.7061	0.7068
0.7075	0.7083	0.7090	0.7097	0.8287
0.8307	0.8312	0.8317	0.8322	0.8327
0.8332	0.8339	0.8345	0.8579	0.8813
0.9048	0.9303	0.9532	0.9776	1.0000

Transect DT03

Area:

0.0011	0.0029	0.0053	0.0083	0.0121
0.0166	0.0220	0.0289	0.0420	0.0570
0.0722	0.0878	0.1037	0.1199	0.1367
0.1546	0.1735	0.1926	0.2118	0.2309
0.2501	0.2693	0.2885	0.3078	0.3272
0.3486	0.3722	0.3959	0.4197	0.4434
0.4672	0.4910	0.5149	0.5418	0.5688
0.5959	0.6229	0.6500	0.6771	0.7042
0.7314	0.7586	0.7861	0.8143	0.8431
0.8726	0.9031	0.9343	0.9666	1.0000

Hrad:

0.0564	0.1088	0.1667	0.2153	0.2533
0.2842	0.3087	0.3186	0.2912	0.2920
0.3081	0.3305	0.3551	0.3789	0.3986
0.4155	0.4375	0.4639	0.4901	0.5162
0.5419	0.5671	0.5919	0.6162	0.6398
0.6577	0.6717	0.6871	0.7033	0.7201
0.7372	0.7544	0.7617	0.7459	0.7684
0.7907	0.8130	0.8352	0.8572	0.8791
0.9008	0.9221	0.9319	0.9434	0.9553
0.9659	0.9760	0.9865	0.9965	1.0000

Width:

0.0458	0.0593	0.0787	0.1005	0.1200
0.1438	0.1712	0.2336	0.4329	0.4416
0.4508	0.4590	0.4671	0.4797	0.5045
0.5405	0.5572	0.5580	0.5587	0.5595
0.5603	0.5611	0.5619	0.5626	0.5786
0.6902	0.6911	0.6921	0.6931	0.6941
0.6951	0.6962	0.7349	0.7888	0.7892
0.7896	0.7900	0.7907	0.7914	0.7922
0.7929	0.7941	0.8135	0.8320	0.8512
0.8743	0.9000	0.9264	0.9551	1.0000

Transect DT04

Area:

0.0010	0.0026	0.0052	0.0091	0.0145
0.0217	0.0365	0.0535	0.0709	0.0886
0.1067	0.1251	0.1440	0.1635	0.1838
0.2048	0.2259	0.2469	0.2680	0.2890
0.3101	0.3312	0.3523	0.3734	0.3945
0.4160	0.4384	0.4609	0.4834	0.5060
0.5285	0.5511	0.5737	0.5963	0.6189
0.6416	0.6642	0.6869	0.7096	0.7323
0.7551	0.7786	0.8031	0.8285	0.8547
0.8819	0.9100	0.9391	0.9691	1.0000

Hrad:

0.0460	0.0790	0.1076	0.1487	0.1752
0.1901	0.1689	0.1828	0.2064	0.2331
0.2611	0.2891	0.3158	0.3412	0.3642
0.3912	0.4192	0.4470	0.4744	0.5014
0.5280	0.5542	0.5800	0.6053	0.6301
0.6537	0.6753	0.6968	0.7180	0.7389
0.7596	0.7800	0.8001	0.8198	0.8393
0.8585	0.8774	0.8959	0.9143	0.9323
0.9452	0.9508	0.9568	0.9638	0.9715
0.9796	0.9880	0.9958	1.0042	1.0000

Width:

0.0414	0.0650	0.1052	0.1440	0.1969
0.2761	0.5352	0.5469	0.5585	0.5702
0.5810	0.5931	0.6101	0.6317	0.6624
0.6693	0.6696	0.6700	0.6703	0.6707
0.6710	0.6713	0.6717	0.6720	0.6723
0.7126	0.7146	0.7164	0.7170	0.7175
0.7181	0.7187	0.7193	0.7198	0.7204
0.7210	0.7216	0.7221	0.7227	0.7233
0.7341	0.7628	0.7927	0.8220	0.8508
0.8800	0.9090	0.9400	0.9691	1.0000

Transect DT05

Area:

0.0015	0.0040	0.0077	0.0129	0.0226
0.0335	0.0461	0.0598	0.0743	0.0895
0.1057	0.1227	0.1407	0.1589	0.1772
0.1956	0.2139	0.2323	0.2507	0.2690
0.2874	0.3058	0.3243	0.3427	0.3611
0.3803	0.4022	0.4245	0.4468	0.4691
0.4915	0.5139	0.5363	0.5587	0.5813
0.6038	0.6265	0.6492	0.6722	0.6962
0.7214	0.7478	0.7753	0.8040	0.8337
0.8647	0.8968	0.9301	0.9645	1.0000

Hrad:

0.0526	0.0924	0.1275	0.1763	0.1852
0.2098	0.2349	0.2627	0.2905	0.3178
0.3438	0.3688	0.3941	0.4234	0.4531
0.4826	0.5116	0.5402	0.5683	0.5959
0.6229	0.6494	0.6753	0.7008	0.7257
0.7483	0.7638	0.7798	0.7964	0.8133
0.8304	0.8476	0.8647	0.8816	0.8985
0.9153	0.9319	0.9483	0.9521	0.9525
0.9527	0.9560	0.9584	0.9634	0.9684
0.9732	0.9797	0.9858	0.9925	1.0000

Width:

0.0565	0.0829	0.1205	0.1892	0.2882
0.3263	0.3672	0.3897	0.4125	0.4354
0.4595	0.4840	0.5039	0.5079	0.5082
0.5085	0.5088	0.5091	0.5094	0.5097
0.5100	0.5103	0.5106	0.5109	0.5112
0.5664	0.6169	0.6177	0.6186	0.6194
0.6202	0.6210	0.6219	0.6235	0.6251
0.6266	0.6281	0.6296	0.6514	0.6818
0.7152	0.7456	0.7793	0.8099	0.8416
0.8748	0.9054	0.9378	0.9695	1.0000

Transect DT05-2

Area:

0.0015	0.0040	0.0077	0.0129	0.0226
0.0335	0.0461	0.0598	0.0743	0.0895
0.1057	0.1227	0.1407	0.1589	0.1772
0.1956	0.2139	0.2323	0.2507	0.2690
0.2874	0.3058	0.3243	0.3427	0.3611
0.3803	0.4022	0.4245	0.4468	0.4691
0.4915	0.5139	0.5363	0.5587	0.5813
0.6038	0.6265	0.6492	0.6722	0.6962
0.7214	0.7478	0.7753	0.8040	0.8337
0.8647	0.8968	0.9301	0.9645	1.0000

Hrad:

0.0526	0.0924	0.1275	0.1763	0.1852
0.2098	0.2349	0.2627	0.2905	0.3178
0.3438	0.3688	0.3941	0.4234	0.4531
0.4826	0.5116	0.5402	0.5683	0.5959
0.6229	0.6494	0.6753	0.7008	0.7257
0.7483	0.7638	0.7798	0.7964	0.8133
0.8304	0.8476	0.8647	0.8816	0.8985
0.9153	0.9319	0.9483	0.9521	0.9525
0.9527	0.9560	0.9584	0.9634	0.9684
0.9732	0.9797	0.9858	0.9925	1.0000

Width:

0.0565	0.0829	0.1205	0.1892	0.2882
0.3263	0.3672	0.3897	0.4125	0.4354
0.4595	0.4840	0.5039	0.5079	0.5082
0.5085	0.5088	0.5091	0.5094	0.5097

0.5100	0.5103	0.5106	0.5109	0.5112
0.5664	0.6169	0.6177	0.6186	0.6194
0.6202	0.6210	0.6219	0.6235	0.6251
0.6266	0.6281	0.6296	0.6514	0.6818
0.7152	0.7456	0.7793	0.8099	0.8416
0.8748	0.9054	0.9378	0.9695	1.0000

```
*********************************************************
NOTE: The summary statistics displayed in this report are
based on results found at every computational time step,
not just on results from each reporting time step.
*********************************************************

****************
Analysis Options
****************
Flow Units ............... CFS
Process Models:
  Rainfall/Runoff ........ YES
  RDII ................... NO
  Snowmelt ............... NO
  Groundwater ............ NO
  Flow Routing ........... YES
  Ponding Allowed ........ YES
  Water Quality .......... NO
Flow Routing Method ...... DYNWAVE
Surcharge Method ......... EXTRAN
Starting Date ............ 03/08/2021 00:00:00
Ending Date .............. 03/09/2021 00:00:00
Antecedent Dry Days ...... 0.0
Report Time Step ......... 00:01:00
Routing Time Step ........ 3.00 sec
Variable Time Step ....... YES
Maximum Trials ........... 8
Number of Threads ........ 6
Head Tolerance ........... 0.005000 ft


**************************         Volume         Volume
Flow Routing Continuity        acre-feet      10^6 gal
**************************     ---------      ---------
Dry Weather Inflow .......         0.000          0.000
Wet Weather Inflow .......         0.000          0.000
Groundwater Inflow .......         0.000          0.000
RDII Inflow ..............         0.000          0.000
External Inflow ..........        50.131         16.336
External Outflow .........        46.296         15.086
Flooding Loss ............         0.000          0.000
Evaporation Loss .........         0.000          0.000
Exfiltration Loss ........         0.000          0.000
Initial Stored Volume ....         0.000          0.000
Final Stored Volume ......         3.790          1.235
Continuity Error (%) .....         0.089


*************************
Highest Continuity Errors
*************************
Node RO1 (4.18%)
Node J9 (3.56%)
Node 19438 (-2.14%)
Node 52033 (1.85%)
Node 52031 (1.60%)


***************************
Time-Step Critical Elements
***************************
Link 86624_2 (95.99%)


********************************
Highest Flow Instability Indexes
********************************
All links are stable.


*************************
Routing Time Step Summary
*************************
Minimum Time Step           :     0.49 sec
Average Time Step           :     0.99 sec
Maximum Time Step           :     3.00 sec
Percent in Steady State     :    -0.00
Average Iterations per Step :     2.01
Percent Not Converging      :     0.02
Time Step Frequencies       :
    3.000 -  2.096 sec      :     3.32 %
    2.096 -  1.465 sec      :     2.54 %
    1.465 -  1.024 sec      :    30.77 %
    1.024 -  0.715 sec      :    44.24 %
    0.715 -  0.500 sec      :    19.13 %
```

```
******************
Node Depth Summary
******************
```

Node	Type	Average Depth Feet	Maximum Depth Feet	Maximum HGL Feet	Time of Max Occurrence days hr:min	Reported Max Depth Feet
11194	JUNCTION	0.23	2.74	1428.24	0 12:05	2.72
1170	JUNCTION	1.30	8.44	1422.27	0 12:18	8.44
12874	JUNCTION	0.35	4.74	1410.14	0 12:20	4.73
13426	JUNCTION	0.46	5.08	1440.89	0 12:21	5.08
14273	JUNCTION	1.01	11.58	1430.87	0 12:13	11.58
14274	JUNCTION	0.77	7.31	1443.29	0 12:12	7.31
14741	JUNCTION	0.10	0.68	1414.28	0 12:18	0.68
15018	JUNCTION	0.54	5.92	1433.70	0 12:22	5.92
16375	JUNCTION	0.97	9.85	1429.95	0 12:24	9.85
16378	JUNCTION	0.95	10.42	1427.77	0 12:15	10.42
16456	JUNCTION	0.88	7.97	1428.52	0 12:24	7.97
16613	JUNCTION	0.01	0.51	1417.93	0 12:17	0.50
16614	JUNCTION	0.09	0.76	1417.92	0 12:17	0.76
16615	JUNCTION	0.15	1.32	1415.60	0 12:17	1.32
16616	JUNCTION	0.42	6.72	1409.72	0 12:30	6.72
16617	JUNCTION	0.19	4.75	1409.74	0 12:30	4.73
16618	JUNCTION	0.18	4.25	1409.75	0 12:30	4.25
16619	JUNCTION	0.55	8.16	1409.64	0 12:30	8.16
16620	JUNCTION	0.48	8.77	1409.64	0 12:31	8.76
16621	JUNCTION	0.70	10.33	1409.63	0 12:31	10.33
16622	JUNCTION	0.19	4.56	1409.95	0 12:26	4.54
16623	JUNCTION	0.60	8.67	1409.90	0 12:27	8.66
16624	JUNCTION	0.68	8.94	1409.89	0 12:27	8.94
16626	JUNCTION	0.13	1.23	1426.13	0 12:05	1.23
19039	JUNCTION	0.94	10.72	1434.32	0 12:12	10.72
19041	JUNCTION	0.92	10.16	1432.00	0 12:13	10.15
19042	JUNCTION	0.50	9.97	1430.26	0 12:17	9.97
19043	JUNCTION	0.68	10.88	1430.69	0 12:14	10.87
19438	JUNCTION	0.11	6.48	1432.63	0 12:08	6.48
23252	JUNCTION	0.25	2.27	1444.20	0 12:18	2.27
23652	JUNCTION	0.10	0.78	1413.78	0 12:31	0.78
23653	JUNCTION	0.35	1.39	1414.39	0 12:19	1.39
25064	JUNCTION	0.70	3.81	1442.22	0 12:20	3.81
3151	JUNCTION	0.09	0.88	1441.95	0 12:04	0.87
3170	JUNCTION	0.50	3.89	1442.14	0 12:20	3.89
3386	JUNCTION	0.69	7.15	1438.11	0 12:12	7.15
3909	JUNCTION	0.64	7.86	1427.02	0 12:21	7.86
3910	JUNCTION	1.52	10.56	1424.74	0 12:20	10.56
51235	JUNCTION	0.00	0.00	1442.23	0 00:00	0.00
51236	JUNCTION	0.00	0.00	1446.55	0 00:00	0.00
51631	JUNCTION	0.14	1.00	1434.37	0 12:12	1.00
51632	JUNCTION	0.17	1.46	1430.80	0 12:15	1.46
51633	JUNCTION	0.00	0.00	1432.57	0 00:00	0.00
51637	JUNCTION	0.03	2.05	1429.68	0 12:14	1.96
51638	JUNCTION	0.35	5.41	1429.56	0 12:14	5.38
51639	JUNCTION	0.88	6.79	1428.96	0 12:14	6.79
51641	JUNCTION	0.19	4.67	1430.11	0 12:19	4.66
51642	JUNCTION	0.16	4.83	1430.11	0 12:18	4.82
51643	JUNCTION	0.30	7.64	1430.11	0 12:19	7.64
52031	JUNCTION	2.04	7.16	1427.06	0 12:21	7.16
52032	JUNCTION	0.81	4.93	1427.07	0 12:21	4.93
52033	JUNCTION	1.00	5.28	1427.06	0 12:21	5.28
52034	JUNCTION	0.90	5.10	1427.09	0 12:05	5.10
52035	JUNCTION	2.22	7.49	1427.06	0 12:21	7.49
52036	JUNCTION	1.12	5.40	1426.98	0 12:23	5.40
52037	JUNCTION	0.10	6.29	1432.63	0 12:08	6.29
52038	JUNCTION	0.29	7.65	1432.79	0 12:07	7.64
BMP01OUTLET	JUNCTION	0.36	6.28	1423.78	0 12:31	6.28
BMP02OUTLET	JUNCTION	0.88	7.38	1428.28	0 12:11	7.38
D01	JUNCTION	0.34	2.22	1398.22	0 12:28	2.22
D02	JUNCTION	0.36	1.91	1399.71	0 12:29	1.91
D03	JUNCTION	0.44	2.29	1400.69	0 12:29	2.29
D04	JUNCTION	0.33	1.71	1401.82	0 12:26	1.71
D05	JUNCTION	0.35	1.74	1405.37	0 12:28	1.73
D06	JUNCTION	0.32	1.60	1413.36	0 12:24	1.60
J03	JUNCTION	0.05	0.53	1412.43	0 12:05	0.53
J04	JUNCTION	0.16	2.75	1409.75	0 12:30	2.75
J05	JUNCTION	0.13	2.75	1428.45	0 12:05	2.74
J06	JUNCTION	0.09	0.86	1429.24	0 12:04	0.85
J07	JUNCTION	0.20	2.07	1441.13	0 12:04	2.06
J08	JUNCTION	0.00	0.00	1414.93	0 00:00	0.00
J09	JUNCTION	0.06	0.79	1414.75	0 12:18	0.79
J1	JUNCTION	0.19	2.19	1414.43	0 12:20	2.19
J10	JUNCTION	1.23	3.27	1395.27	0 12:29	3.27
J11	JUNCTION	0.32	6.75	1449.33	0 12:12	6.75
J12	JUNCTION	0.06	0.90	1429.94	0 12:21	0.90
J13	JUNCTION	0.05	0.30	1467.07	0 12:07	0.30
J2	JUNCTION	0.13	0.85	1448.34	0 12:13	0.85
J3	JUNCTION	0.01	0.07	1434.72	0 12:14	0.07
J4	JUNCTION	0.10	0.57	1448.07	0 12:18	0.57
J5	JUNCTION	0.24	1.43	1446.60	0 12:11	1.42
J6	JUNCTION	0.04	0.70	1423.78	0 12:17	0.70
J7	JUNCTION	0.32	1.60	1409.89	0 12:24	1.60
J8	JUNCTION	0.63	3.29	1390.89	0 12:30	3.29
J9	JUNCTION	4.62	8.67	1395.27	0 12:29	8.67
RO1	JUNCTION	0.00	0.04	1422.18	0 12:10	0.04

OF1	OUTFALL	0.63	3.29	1387.29	0	12:30	3.29	
SU1	STORAGE	3.23	7.77	1425.27	0	12:31	7.77	
SU2	STORAGE	3.33	7.32	1428.32	0	12:05	7.31	

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Node Inflow Summary
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Node	Type	Maximum Lateral Inflow CFS	Maximum Total Inflow CFS	Time of Max Occurrence days	hr:min	Lateral Inflow Volume 10^6 gal	Total Inflow Volume 10^6 gal	Flow Balance Error Percent
11194	JUNCTION	9.51	22.42	0	12:05	0.133	0.3	0.027
1170	JUNCTION	0.00	199.39	0	12:20	0	11.2	0.007
12874	JUNCTION	0.00	145.88	0	12:21	0	1.73	0.512
13426	JUNCTION	0.00	162.84	0	12:13	0	3.47	0.673
14273	JUNCTION	0.00	237.83	0	12:12	0	6.91	0.163
14274	JUNCTION	0.00	264.90	0	12:11	0	7.08	0.312
14741	JUNCTION	0.00	8.36	0	12:17	0	0.213	0.040
15018	JUNCTION	0.00	100.72	0	12:21	0	3.45	-0.006
16375	JUNCTION	0.00	100.78	0	12:22	0	4.81	-0.036
16378	JUNCTION	0.00	147.25	0	12:11	0	6.64	0.050
16456	JUNCTION	0.00	29.23	0	12:03	0	1.57	0.015
16613	JUNCTION	0.00	0.03	0	12:10	0	0.000101	0.109
16614	JUNCTION	0.00	9.03	0	12:14	0	0.215	0.715
16615	JUNCTION	0.00	8.36	0	12:17	0	0.213	0.012
16616	JUNCTION	3.23	33.76	0	12:11	0.0604	0.792	0.018
16617	JUNCTION	0.00	2.92	0	12:04	0	0.0348	0.014
16618	JUNCTION	2.91	2.91	0	12:04	0.0332	0.0334	0.004
16619	JUNCTION	6.68	37.61	0	12:09	0.0965	0.887	-0.358
16620	JUNCTION	0.00	36.88	0	12:09	0	0.848	-0.130
16621	JUNCTION	0.00	124.52	0	12:25	0	2.66	-0.144
16622	JUNCTION	0.00	1.58	0	12:15	0	0.00155	-0.014
16623	JUNCTION	0.00	20.94	0	12:55	0	0.459	-0.105
16624	JUNCTION	4.25	146.84	0	12:21	0.0591	1.78	0.331
16626	JUNCTION	4.26	26.40	0	12:05	0.0497	0.349	0.004
19039	JUNCTION	0.00	238.83	0	12:12	0	6.87	0.132
19041	JUNCTION	0.00	238.75	0	12:12	0	6.86	-0.057
19042	JUNCTION	0.00	5.03	0	12:11	0	0.0529	0.012
19043	JUNCTION	0.00	5.77	0	12:11	0	0.055	0.043
19438	JUNCTION	0.00	2.29	0	12:08	0	0.00354	-2.099
23252	JUNCTION	0.00	74.71	0	12:18	0	2.06	0.233
23652	JUNCTION	0.00	72.69	0	12:31	0	1.54	0.018
23653	JUNCTION	0.00	199.39	0	12:20	0	11.2	0.007
25064	JUNCTION	0.00	33.35	0	12:17	0	1.79	-0.017
3151	JUNCTION	13.93	13.93	0	12:04	0.166	0.166	0.004
3170	JUNCTION	0.00	118.81	0	12:18	0	2.86	-0.042
3386	JUNCTION	0.00	238.83	0	12:12	0	6.87	-0.097
3909	JUNCTION	0.00	81.60	0	12:09	0	4.6	0.000
3910	JUNCTION	0.00	199.39	0	12:20	0	11.2	0.053
51235	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 gal
51236	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 gal
51631	JUNCTION	13.09	13.09	0	12:12	0.278	0.278	-0.251
51632	JUNCTION	10.10	15.92	0	12:10	0.114	0.392	0.262
51633	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 gal
51637	JUNCTION	0.00	1.75	0	12:07	0	0.00146	0.149
51638	JUNCTION	0.00	24.03	0	12:06	0	0.395	0.000
51639	JUNCTION	9.80	100.51	0	12:14	0.11	0.736	-1.245
51641	JUNCTION	2.35	2.35	0	12:04	0.0264	0.0277	-0.163
51642	JUNCTION	0.00	4.46	0	12:13	0	0.0323	-0.087
51643	JUNCTION	0.00	5.47	0	12:12	0	0.0474	0.210
52031	JUNCTION	0.00	29.16	0	12:14	0	0.582	1.627
52032	JUNCTION	0.00	18.79	0	12:15	0	0.0921	0.269
52033	JUNCTION	0.00	113.30	0	12:05	0	1.01	1.880
52034	JUNCTION	0.00	113.17	0	12:05	0	0.927	0.744
52035	JUNCTION	2.52	129.91	0	12:08	0.0281	1.75	-0.859
52036	JUNCTION	0.00	48.56	0	12:19	0	0.692	0.015
52037	JUNCTION	0.00	1.01	0	12:05	0	0.000132	-10.424
52038	JUNCTION	17.03	17.03	0	12:08	0.274	0.275	0.519
BMP01OUTLET	JUNCTION	0.00	72.69	0	12:30	0	1.54	0.003
BMP02OUTLET	JUNCTION	0.00	29.37	0	12:03	0	1.51	0.002
D01	JUNCTION	2.40	380.77	0	12:29	0.0277	15.8	0.017
D02	JUNCTION	0.00	380.51	0	12:29	0	15.8	0.003
D03	JUNCTION	0.00	380.52	0	12:29	0	15.8	0.006
D04	JUNCTION	1.51	278.21	0	12:26	0.0188	13.1	0.008
D05	JUNCTION	0.53	274.96	0	12:26	0.00673	12.8	0.015
D06	JUNCTION	3.06	271.06	0	12:24	0.0358	12.7	0.013
J03	JUNCTION	0.00	26.42	0	12:05	0	0.349	0.089
J04	JUNCTION	24.37	24.37	0	12:10	0.479	0.483	0.122
J05	JUNCTION	0.00	13.85	0	12:04	0	0.166	0.002
J06	JUNCTION	0.00	13.91	0	12:04	0	0.166	0.004
J07	JUNCTION	0.00	13.91	0	12:04	0	0.166	0.008
J08	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 gal
J09	JUNCTION	20.83	155.78	0	12:17	0.327	1.73	0.089
J1	JUNCTION	0.00	153.11	0	12:18	0	1.73	0.434
J10	JUNCTION	0.00	380.95	0	12:29	0	15.8	0.814
J11	JUNCTION	0.00	41.41	0	12:07	0	0.609	-0.736
J12	JUNCTION	13.09	119.66	0	12:20	0.15	1.25	0.159
J13	JUNCTION	41.67	41.67	0	12:07	0.613	0.613	0.682
J2	JUNCTION	163.06	163.06	0	12:13	3.48	3.48	0.051
J3	JUNCTION	9.04	9.04	0	12:14	0.215	0.215	0.058
J4	JUNCTION	74.80	74.80	0	12:18	2.06	2.06	-0.011
J5	JUNCTION	265.34	265.34	0	12:11	5.31	5.31	-0.093
J6	JUNCTION	0.00	149.66	0	12:17	0	1.41	0.128
J7	JUNCTION	0.00	271.09	0	12:24	0	12.7	0.069
J8	JUNCTION	0.00	379.89	0	12:29	0	15.1	0.053
J9	JUNCTION	0.00	381.24	0	12:29	0	15.7	3.696
RO1	JUNCTION	0.00	1.96	0	12:09	0	0.00217	4.366
OF1	OUTFALL	0.00	379.55	0	12:30	0	15.1	0.000
SU1	STORAGE	1.12	95.82	0	12:19	0.0196	1.94	0.717
SU2	STORAGE	142.29	142.29	0	12:05	2.18	2.33	0.158

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Node Surcharge Summary
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Surcharging occurs when water rises above the top of the highest conduit.

Node	Type	Hours Surcharged	Max. Height Above Crown Feet	Min. Depth Below Rim Feet
1170	JUNCTION	0.81	3.442	3.758
3910	JUNCTION	0.87	5.556	5.644
52037	JUNCTION	0.27	5.040	0.310
J05	JUNCTION	0.08	0.748	1.162
J07	JUNCTION	0.02	0.031	2.033

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Node Flooding Summary
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No nodes were flooded.

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Storage Volume Summary
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Storage Unit	Average Volume 1000 ft3	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 ft3	Max Pcnt Full	Time of Max Occurrence days hr:min	Maximum Outflow CFS
SU1	29.448	27	0	0	86.227	80	0 12:31	72.69
SU2	10.926	26	0	0	36.115	85	0 12:05	140.47

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Outfall Loading Summary
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Outfall Node	Flow Freq Pcnt	Avg Flow CFS	Max Flow CFS	Total Volume 10^6 gal
OF1	53.60	60.93	379.55	15.085
System	53.60	60.93	379.55	15.085

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Link Flow Summary
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Link	Type	Maximum |Flow| CFS	Time of Max Occurrence days hr:min	Maximum |Veloc| ft/sec	Max/ Full Flow	Max/ Full Depth
26126	CONDUIT	380.95	0 12:29	13.88	0.31	0.46
29037	CONDUIT	5.03	0 12:11	4.10	1.03	1.00
29038	CONDUIT	5.77	0 12:11	4.71	0.76	1.00
29039	CONDUIT	39.41	0 12:53	9.93	0.81	1.00
29040	CONDUIT	101.42	0 12:06	14.36	0.98	1.00
30304	CONDUIT	103.52	0 12:09	14.65	0.85	1.00
30306_1	CONDUIT	127.98	0 12:10	13.30	1.10	1.00
30306_2	CONDUIT	129.71	0 12:10	13.48	1.09	1.00
33414	CONDUIT	81.60	0 12:09	11.54	0.92	1.00
33415	CONDUIT	81.36	0 12:33	11.51	0.47	1.00
33421	CONDUIT	125.34	0 12:13	7.88	0.79	1.00
33422	CONDUIT	147.25	0 12:11	9.26	1.05	1.00
33570	CONDUIT	29.03	0 12:03	9.24	1.42	1.00
33571	CONDUIT	29.23	0 12:03	9.30	1.22	1.00
34005	CONDUIT	0.03	0 12:10	0.15	0.01	0.51
34006	CONDUIT	8.36	0 12:17	6.70	0.71	0.66
34007	CONDUIT	8.36	0 12:17	7.89	0.46	0.81
34008	CONDUIT	24.27	0 12:10	8.50	0.21	1.00
34009	CONDUIT	8.36	0 12:18	6.09	0.42	0.73
34010	CONDUIT	2.90	0 12:04	3.61	0.34	1.00
34011	CONDUIT	2.92	0 12:04	5.13	0.43	1.00
34012	CONDUIT	32.48	0 12:11	5.35	0.50	1.00
34013	CONDUIT	36.88	0 12:09	6.09	0.75	1.00
34014	CONDUIT	102.61	0 12:31	15.59	2.06	0.88

34015	CONDUIT	36.39	0	12:10	6.00	0.28	1.00
34016	CONDUIT	20.93	0	12:55	11.84	0.90	1.00
34017	CONDUIT	4.94	0	12:54	4.02	0.41	1.00
34018	CONDUIT	52.01	0	12:52	10.60	2.96	1.00
34019	CONDUIT	37.95	0	12:54	7.73	1.33	1.00
34026	CONDUIT	13.91	0	12:04	4.96	0.87	0.84
34027	CONDUIT	22.41	0	12:05	7.40	1.42	0.92
34028	CONDUIT	26.42	0	12:05	19.89	0.35	0.44
34066	CONDUIT	199.39	0	12:20	10.15	1.74	1.00
76613	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
77008	CONDUIT	13.06	0	12:13	7.85	0.46	0.57
77010	CONDUIT	24.92	0	12:54	8.13	1.75	1.00
77012	CONDUIT	33.35	0	12:17	10.62	0.27	1.00
77013	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
77014	CONDUIT	16.21	0	12:06	8.49	0.55	0.87
77409	CONDUIT	0.00	0	00:00	0.00	0.00	0.30
77808	CONDUIT	1.75	0	12:07	1.88	0.10	1.00
77809	CONDUIT	2.36	0	12:04	4.22	0.54	1.00
77810	CONDUIT	2.79	0	12:31	7.22	0.20	1.00
77811	CONDUIT	4.74	0	12:11	3.87	0.34	1.00
77812	CONDUIT	16.90	0	12:07	5.11	0.55	1.00
77814	CONDUIT	29.16	0	12:14	5.94	0.85	1.00
78208	CONDUIT	20.91	0	12:46	4.26	0.72	1.00
78209	CONDUIT	71.16	0	12:08	14.50	1.34	1.00
78210	CONDUIT	4.81	0	12:03	3.93	0.99	1.00
78211	CONDUIT	10.94	0	12:03	8.92	3.79	1.00
78212	CONDUIT	11.68	0	12:04	9.52	1.84	1.00
78213	CONDUIT	72.69	0	12:31	15.48	0.50	0.63
78214	CONDUIT	199.39	0	12:20	15.06	0.57	0.64
78215	CONDUIT	1.01	0	12:05	0.86	0.12	1.00
78216	CONDUIT	2.29	0	12:08	1.87	0.29	1.00
78217	CONDUIT	11.72	0	12:46	4.30	0.25	1.00
78218	CONDUIT	15.03	0	12:08	8.50	1.18	1.00
86624_1	CONDUIT	13.85	0	12:04	5.77	0.27	0.71
86624_2	CONDUIT	13.81	0	12:04	4.40	0.27	1.00
86628	CONDUIT	13.91	0	12:04	5.75	0.25	0.72
C1	CHANNEL	0.00	0	00:00	0.00	0.00	0.04
C10	CHANNEL	199.39	0	12:21	6.86	0.01	0.14
C11	CHANNEL	0.00	0	00:00	0.00	0.00	0.03
C12	CONDUIT	0.00	0	00:00	0.00	0.00	0.26
C13	CONDUIT	24.88	0	12:11	10.34	1.09	1.00
C13_1	CHANNEL	0.00	0	00:00	0.00	0.00	0.02
C13_2	CHANNEL	1.16	0	12:10	0.40	0.04	0.61
C14	CHANNEL	26.25	0	12:15	0.83	0.01	0.27
C15	CHANNEL	109.07	0	12:05	3.55	0.03	0.21
C16	CONDUIT	0.00	0	00:00	0.00	0.00	0.25
C17	CHANNEL	139.52	0	12:20	4.58	0.00	0.03
C18	CHANNEL	105.59	0	12:27	1.42	0.00	0.03
C19	CONDUIT	41.12	0	12:18	5.41	0.11	0.38
C2	CHANNEL	12.61	0	12:31	1.18	0.10	0.24
C20	CHANNEL	8.00	0	12:51	0.62	0.02	0.31
C21	CHANNEL	0.00	0	00:00	0.00	0.00	0.43
C21_1	CHANNEL	153.11	0	12:18	1.29	0.00	0.13
C21_2	CHANNEL	145.88	0	12:21	8.08	0.00	0.07
C22	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C22_1	CHANNEL	119.25	0	12:21	4.86	0.00	0.03
C23	CHANNEL	0.00	0	00:00	0.00	0.00	0.01
C24	CHANNEL	9.76	0	12:33	0.77	0.00	0.02
C25	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C25_1	CHANNEL	115.35	0	12:20	3.54	0.00	0.07
C26	CHANNEL	15.52	0	12:16	1.02	0.22	0.93
C27	CHANNEL	110.97	0	12:06	1.64	0.00	0.07
C28	CHANNEL	28.45	0	12:20	1.59	0.29	0.74
C29	CONDUIT	27.72	0	12:20	3.18	0.35	0.50
C3	CONDUIT	19.67	0	12:05	1.86	0.01	0.57
C30	CHANNEL	1.96	0	12:09	6.16	0.02	0.15
C31	CHANNEL	9.76	0	12:24	0.54	0.01	0.20
C32	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C33	CONDUIT	47.39	0	12:20	5.60	0.30	0.85
C34	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C35	CHANNEL	18.79	0	12:15	1.25	0.00	0.07
C35_1	CHANNEL	69.81	0	12:14	4.41	0.02	0.19
C35_2	CHANNEL	148.67	0	12:17	3.68	0.00	0.07
C36	CONDUIT	78.51	0	12:40	11.11	0.73	1.00
C37	CHANNEL	9.03	0	12:14	0.86	0.00	0.01
C38	CHANNEL	162.84	0	12:13	2.07	0.00	0.16
C39	CHANNEL	35.57	0	12:22	3.48	0.00	0.01
C4	CHANNEL	381.24	0	12:29	>50.00	0.00	0.21
C40	CHANNEL	74.71	0	12:18	1.35	0.02	0.36
C41	CONDUIT	152.17	0	12:12	8.93	0.65	0.85
C42	CONDUIT	167.14	0	12:12	8.99	0.06	0.19
C43	CONDUIT	139.72	0	12:12	8.47	0.22	0.42
C44	CONDUIT	0.00	0	00:00	0.00	0.00	0.05
C45	CHANNEL	264.90	0	12:11	2.31	0.00	0.33
C46	CONDUIT	169.38	0	12:13	6.46	0.25	0.44
C47	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C48	CONDUIT	1.57	0	12:25	0.39	0.03	0.60
C49	CONDUIT	3.96	0	12:28	0.36	0.01	0.81
C5	CONDUIT	100.72	0	12:21	14.99	0.91	1.00
C50	CONDUIT	1.50	0	12:14	0.17	0.01	0.43
C51	CONDUIT	2.74	0	12:19	0.56	0.02	0.25
C52	CHANNEL	41.41	0	12:07	5.64	0.00	0.08
C6	CONDUIT	26.31	0	12:05	4.98	0.34	0.53
C7	CHANNEL	379.55	0	12:30	5.20	0.01	0.15
C8	CONDUIT	2.51	0	12:37	0.47	0.01	0.23
C9	CHANNEL	72.69	0	12:31	3.17	0.01	0.14
C999	CONDUIT	85.89	0	12:13	3.36	0.22	0.47
DT01	CONDUIT	380.54	0	12:29	22.60	0.09	0.32
DT02	CONDUIT	380.51	0	12:29	19.71	0.13	0.35
DT03	CONDUIT	278.24	0	12:27	15.85	0.06	0.33
DT04	CONDUIT	275.02	0	12:27	18.94	0.07	0.29
DT05_1	CONDUIT	271.07	0	12:24	20.62	0.06	0.27
DT05_2	CONDUIT	271.06	0	12:24	19.58	0.06	0.28
OR1	ORIFICE	3.79	0	12:00			1.00
OR2	ORIFICE	27.66	0	12:01			
OR3	ORIFICE	0.61	0	12:12			1.00
OR4	ORIFICE	72.38	0	12:30			
OR5	ORIFICE	379.89	0	12:29			
W1	WEIR	113.17	0	12:05			0.32
W2	WEIR	0.00	0	00:00			0.00

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Flow Classification Summary
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	Adjusted	---------- Fraction of Time in Flow Class ----------								
	/Actual		Up	Down	Sub	Sup	Up	Down	Norm	Inlet
Conduit	Length	Dry	Dry	Dry	Crit	Crit	Crit	Crit	Ltd	Ctrl
26126	1.00	0.03	0.00	0.00	0.89	0.08	0.00	0.00	0.82	0.00
29037	1.00	0.24	0.00	0.00	0.59	0.00	0.00	0.17	0.39	0.00
29038	1.00	0.07	0.18	0.00	0.67	0.08	0.00	0.00	0.06	0.00
29039	1.00	0.00	0.03	0.00	0.36	0.61	0.00	0.00	0.49	0.00
29040	1.00	0.00	0.00	0.00	0.35	0.64	0.00	0.00	0.00	0.00
30304	1.00	0.07	0.00	0.00	0.30	0.63	0.00	0.00	0.66	0.00
30306_1	1.00	0.07	0.00	0.00	0.06	0.20	0.00	0.67	0.00	0.00
30306_2	1.00	0.07	0.00	0.00	0.06	0.00	0.00	0.87	0.00	0.00
33414	1.00	0.23	0.00	0.00	0.06	0.00	0.00	0.70	0.00	0.00
33415	1.00	0.07	0.16	0.00	0.59	0.18	0.00	0.00	0.63	0.00
33421	1.00	0.07	0.05	0.00	0.88	0.00	0.00	0.00	0.80	0.00
33422	1.00	0.07	0.00	0.00	0.33	0.59	0.00	0.00	0.05	0.00
33570	1.00	0.23	0.00	0.00	0.55	0.08	0.00	0.13	0.00	0.00
33571	1.00	0.23	0.00	0.00	0.36	0.22	0.00	0.19	0.00	0.00
34005	1.00	0.38	0.54	0.00	0.09	0.00	0.00	0.00	0.47	0.00
34006	1.00	0.39	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00
34007	1.00	0.38	0.00	0.00	0.02	0.61	0.00	0.00	0.51	0.00
34008	1.00	0.02	0.29	0.00	0.18	0.51	0.00	0.00	0.79	0.00
34009	1.00	0.09	0.31	0.00	0.34	0.26	0.00	0.00	0.54	0.00
34010	1.00	0.09	0.00	0.00	0.56	0.35	0.00	0.00	0.51	0.00
34011	1.00	0.08	0.00	0.00	0.07	0.84	0.00	0.00	0.00	0.00
34012	1.00	0.09	0.00	0.00	0.45	0.46	0.00	0.00	0.73	0.00
34013	1.00	0.09	0.00	0.00	0.06	0.00	0.00	0.85	0.00	0.00
34014	1.00	0.03	0.06	0.00	0.83	0.08	0.00	0.00	0.18	0.00
34015	1.00	0.09	0.00	0.00	0.08	0.50	0.00	0.34	0.01	0.00
34016	1.00	0.07	0.00	0.00	0.06	0.00	0.00	0.87	0.00	0.00
34017	1.00	0.48	0.01	0.00	0.06	0.00	0.00	0.46	0.01	0.00
34018	1.00	0.14	0.00	0.00	0.06	0.00	0.00	0.80	0.00	0.00
34019	1.00	0.12	0.06	0.00	0.62	0.00	0.00	0.21	0.09	0.00
34026	1.00	0.03	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00
34027	1.00	0.03	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00
34028	1.00	0.03	0.00	0.00	0.00	0.97	0.00	0.00	0.00	0.00
34066	1.00	0.07	0.00	0.00	0.93	0.00	0.00	0.00	0.00	0.00
76613	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
77008	1.00	0.06	0.00	0.00	0.00	0.04	0.00	0.90	0.01	0.00
77010	1.00	0.34	0.03	0.00	0.08	0.00	0.00	0.55	0.01	0.00
77012	1.00	0.02	0.00	0.00	0.41	0.57	0.00	0.00	0.41	0.00
77013	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
77014	1.00	0.12	0.00	0.00	0.05	0.01	0.00	0.81	0.02	0.00
77409	1.00	0.40	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
77808	1.00	0.32	0.62	0.00	0.05	0.00	0.00	0.00	0.48	0.00
77809	1.00	0.24	0.00	0.00	0.08	0.68	0.00	0.00	0.00	0.00
77810	1.00	0.24	0.00	0.00	0.05	0.00	0.00	0.71	0.01	0.00
77811	1.00	0.24	0.00	0.00	0.13	0.02	0.00	0.61	0.07	0.00
77812	1.00	0.12	0.00	0.00	0.53	0.00	0.00	0.34	0.47	0.00
77814	1.00	0.13	0.00	0.00	0.82	0.06	0.00	0.00	0.27	0.00
78208	1.00	0.13	0.00	0.00	0.55	0.00	0.00	0.32	0.00	0.00
78209	1.00	0.13	0.00	0.00	0.52	0.00	0.00	0.35	0.00	0.00
78210	1.00	0.47	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.00
78211	1.00	0.47	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.00
78212	1.00	0.47	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.00
78213	1.00	0.15	0.00	0.00	0.02	0.84	0.00	0.00	0.03	0.00
78214	1.00	0.07	0.05	0.00	0.12	0.76	0.00	0.00	0.16	0.00
78215	1.00	0.47	0.00	0.00	0.52	0.00	0.00	0.00	0.47	0.00
78216	1.00	0.31	0.61	0.00	0.08	0.00	0.00	0.00	0.47	0.00
78217	1.00	0.20	0.00	0.00	0.53	0.09	0.00	0.18	0.03	0.00
78218	1.00	0.20	0.00	0.00	0.52	0.00	0.00	0.28	0.47	0.00
86624_1	1.00	0.03	0.00	0.00	0.01	0.95	0.00	0.00	0.29	0.00
86624_2	1.00	0.03	0.00	0.00	0.58	0.39	0.00	0.00	0.47	0.00
86628	1.00	0.03	0.00	0.00	0.01	0.89	0.00	0.07	0.78	0.00
C1	1.00	0.31	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C10	1.00	0.07	0.00	0.00	0.19	0.73	0.00	0.00	0.05	0.00
C11	1.00	0.48	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C12	1.00	0.03	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C13	1.00	0.02	0.00	0.00	0.80	0.18	0.00	0.00	0.55	0.00
C13_1	1.00	0.48	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C13_2	1.00	0.08	0.40	0.00	0.52	0.00	0.00	0.00	0.49	0.00
C14	1.00	0.95	0.00	0.00	0.05	0.00	0.00	0.00	0.47	0.00
C15	1.00	0.94	0.00	0.00	0.05	0.00	0.00	0.01	0.00	0.00

C16	1.00	0.94	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C17	1.00	0.95	0.00	0.00	0.04	0.00	0.00	0.01	0.02	0.00
C18	1.00	0.95	0.01	0.00	0.01	0.00	0.03	0.00	0.00	0.00
C19	1.00	0.94	0.02	0.00	0.01	0.02	0.00	0.00	0.49	0.00
C2	1.00	0.98	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
C20	1.00	0.95	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
C21	1.00	0.08	0.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C21_1	1.00	0.24	0.07	0.00	0.69	0.00	0.00	0.00	0.53	0.00
C21_2	1.00	0.27	0.00	0.00	0.00	0.00	0.00	0.73	0.00	0.00
C22	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C22_1	1.00	0.32	0.00	0.00	0.00	0.00	0.00	0.68	0.00	0.00
C23	1.00	0.98	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C24	1.00	0.98	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
C25	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C25_1	1.00	0.94	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00
C26	1.00	0.94	0.00	0.00	0.05	0.00	0.00	0.00	0.47	0.00
C27	1.00	0.95	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00
C28	1.00	0.95	0.00	0.00	0.05	0.00	0.00	0.00	0.47	0.00
C29	1.00	0.94	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
C3	1.00	0.04	0.91	0.00	0.04	0.00	0.01	0.00	0.01	0.00
C30	1.00	0.48	0.52	0.00	0.00	0.01	0.00	0.00	0.49	0.00
C31	1.00	0.95	0.02	0.00	0.03	0.00	0.00	0.00	0.49	0.00
C32	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C33	1.00	0.14	0.81	0.00	0.04	0.01	0.00	0.00	0.48	0.00
C34	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C35	1.00	0.94	0.04	0.00	0.02	0.00	0.00	0.00	0.49	0.00
C35_1	1.00	0.32	0.66	0.00	0.01	0.00	0.00	0.00	0.49	0.00
C35_2	1.00	0.29	0.03	0.00	0.66	0.02	0.00	0.00	0.52	0.00
C36	1.00	0.25	0.03	0.00	0.10	0.63	0.00	0.00	0.61	0.00
C37	1.00	0.38	0.01	0.00	0.60	0.02	0.00	0.00	0.54	0.00
C38	1.00	0.00	0.26	0.00	0.72	0.02	0.00	0.00	0.61	0.00
C39	1.00	0.96	0.00	0.00	0.00	0.01	0.00	0.03	0.00	0.00
C4	1.00	0.04	0.00	0.00	0.91	0.05	0.00	0.00	0.30	0.00
C40	1.00	0.02	0.08	0.00	0.88	0.01	0.00	0.00	0.81	0.00
C41	1.00	0.97	0.00	0.00	0.00	0.02	0.00	0.00	0.49	0.00
C42	1.00	0.97	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
C43	1.00	0.98	0.00	0.00	0.00	0.02	0.00	0.00	0.49	0.00
C44	1.00	0.99	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C45	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.80	0.00
C46	1.00	0.98	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
C47	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C48	1.00	0.98	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
C49	1.00	0.97	0.01	0.00	0.02	0.00	0.00	0.00	0.48	0.00
C5	1.00	0.00	0.00	0.00	0.03	0.01	0.00	0.95	0.00	0.00
C50	1.00	0.98	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C51	1.00	0.96	0.02	0.00	0.01	0.00	0.00	0.00	0.49	0.00
C52	1.00	0.27	0.00	0.00	0.02	0.00	0.00	0.71	0.01	0.00
C6	1.00	0.03	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00
C7	1.00	0.46	0.00	0.00	0.54	0.00	0.00	0.00	0.19	0.00
C8	1.00	0.98	0.00	0.00	0.02	0.00	0.00	0.00	0.47	0.00
C9	1.00	0.08	0.08	0.00	0.84	0.00	0.00	0.00	0.67	0.00
C999	1.00	0.98	0.00	0.00	0.02	0.00	0.00	0.00	0.49	0.00
DT01	1.00	0.04	0.00	0.00	0.00	0.00	0.00	0.96	0.00	0.00
DT02	1.00	0.03	0.00	0.00	0.00	0.96	0.00	0.00	0.43	0.00
DT03	1.00	0.03	0.00	0.00	0.00	0.96	0.00	0.00	0.85	0.00
DT04	1.00	0.03	0.08	0.00	0.14	0.75	0.00	0.00	0.23	0.00
DT05_1	1.00	0.08	0.00	0.00	0.08	0.84	0.00	0.00	0.30	0.00
DT05_2	1.00	0.08	0.00	0.00	0.12	0.80	0.00	0.00	0.66	0.00

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Conduit Surcharge Summary
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Conduit	Both Ends	Hours Full: Upstream	Hours Full: Dnstream	Hours Above Full Normal Flow	Hours Capacity Limited
29037	0.94	0.94	1.23	0.01	0.07
29038	1.25	1.25	2.48	0.01	0.02
29039	0.82	0.83	0.84	0.01	0.12
29040	0.68	0.74	0.68	0.01	0.63
30304	0.68	0.68	0.80	0.01	0.01
30306_1	0.73	0.76	0.73	0.01	0.73
30306_2	0.71	0.74	0.71	0.02	0.52
33414	0.73	0.82	0.73	0.01	0.73
33415	0.73	0.73	1.36	0.01	0.01
33421	0.77	0.77	0.93	0.01	0.01
33422	0.71	0.71	0.77	0.10	0.25
33570	0.93	0.96	0.93	0.40	0.37
33571	0.94	0.97	0.94	0.14	0.38
34007	0.01	0.01	0.12	0.01	0.01
34008	0.26	0.26	0.53	0.01	0.01
34009	0.01	0.01	0.72	0.01	0.01
34010	0.45	0.45	0.75	0.01	0.01
34011	0.43	0.43	0.45	0.01	0.01
34012	0.49	0.49	0.66	0.01	0.01
34013	0.64	0.66	0.67	0.01	0.08
34014	0.01	0.79	0.01	0.76	0.01
34015	0.69	0.69	0.78	0.01	0.01
34016	0.76	0.76	0.77	0.01	0.11
34017	0.65	0.65	0.70	0.01	0.01
34018	0.74	0.77	0.74	0.51	0.57
34019	0.77	0.77	0.77	0.01	0.12
34026	0.01	0.03	0.01	0.01	0.01
34027	0.01	0.09	0.01	0.09	0.01
34066	0.81	0.87	0.81	0.88	0.81
77010	0.84	1.12	0.84	0.25	0.73
77012	0.45	0.45	1.12	0.01	0.01
77014	0.01	0.01	0.66	0.01	0.01
77808	0.13	0.13	0.68	0.01	0.01
77809	0.36	0.36	0.36	0.01	0.02
77810	0.36	0.36	0.53	0.01	0.01
77811	0.72	0.72	0.89	0.01	0.01
77812	0.56	0.56	0.73	0.01	0.01
77814	0.73	0.73	11.93	0.01	0.01
78208	11.93	11.93	11.93	0.01	0.01
78209	11.91	11.93	11.91	0.17	0.69
78210	1.69	1.69	11.94	0.01	0.01
78211	11.90	11.90	11.94	0.14	0.20
78212	11.94	11.94	11.94	0.09	0.09
78213	0.01	0.49	0.01	0.01	0.01
78214	0.01	0.81	0.01	0.01	0.01
78215	0.27	0.27	0.31	0.01	0.01
78216	0.31	0.31	0.64	0.01	0.01
78217	1.00	1.00	11.94	0.01	0.01
78218	0.55	0.55	11.92	0.11	0.14
86624_1	0.01	0.01	0.08	0.01	0.01
86624_2	0.08	0.08	0.09	0.01	0.03
86628	0.01	0.01	0.02	0.01	0.01
C13	0.34	0.34	0.86	0.31	0.33
C13_2	0.01	0.01	11.87	0.01	0.01
C26	0.01	0.01	0.34	0.01	0.01
C3	0.01	0.01	11.95	0.01	0.01
C33	0.01	0.01	11.91	0.01	0.01
C36	0.57	0.57	0.81	0.01	0.01
C49	0.01	0.01	11.78	0.01	0.01
C5	0.42	0.42	0.54	0.01	0.31

Analysis begun on: Tue Jun 15 13:17:09 2021
Analysis ended on: Tue Jun 15 13:17:14 2021
Total elapsed time: 00:00:05

ALTERNATIVE E 10-YEAR SWMM OUTPUTS

```
ALTERNATIVE RUNOFF METHOD (ARM) - PCSWMM VERSION 7.4.3202
---------------------------------------------------------

This is a new version of ARM - your feedback and suggestions are solicited.
Create a ticket, post on the PCSWMM feature request forum, or email us directly!

Simulation start time:                  03/08/2021 00:00:00
Simulation end time:                    03/09/2021 00:00:00
Runoff wet weather time steps:          60 seconds
Report time steps:                      60 seconds
Number of data points:                  1441


******************************
Unit Hydrographs Runoff Method
******************************

-----------------------------------------------------------------------------------------------------------------------
-----------------------------------------------
                                                                                Area   Time of Concentration  Time to Peak
Time after Peak    Peak UH Flow    UH Depth
  Subcatchment         Runoff Method             Raingage                      (ac)   (min)                  (min)
(min)              (CFS/in)        (in)
-----------------------------------------------------------------------------------------------------------------------
-----------------------------------------------
  DA-2                 Dimensionless UH (483.4)  10YR                         10.306 8.89                   5.83
23.69              80.08214        0.992
  DA-5                 Dimensionless UH (483.4)  10YR                         4.523  10.88                  7.03
29                 29.1707         0.996
  DA-6                 Dimensionless UH (483.4)  10YR                         66.259 17.6                   11.06
46.92              271.51338       1.001
  DA-1A                Dimensionless UH (483.4)  10YR                         0.49   5                      3.5
13.33              6.34462         0.994
  DA-1B                Dimensionless UH (483.4)  10YR                         0.822  9.21                   6.03
24.55              6.18188         0.993
  DA-4                 Dimensionless UH (483.4)  10YR                         1.823  5                      3.5
13.33              23.60459        0.994
  DA-4A                Dimensionless UH (483.4)  10YR                         3.454  7.7                    5.12
20.53              30.57245        0.991
  DA-4B                Dimensionless UH (483.4)  10YR                         0.578  5                      3.5
13.33              7.48407         0.994
  DA-8                 Dimensionless UH (483.4)  10YR                         0.946  5                      3.5
13.33              12.24901        0.994
  DA-8C                Dimensionless UH (483.4)  10YR                         0.685  5                      3.5
13.33              8.86953         0.994
  DA-2A                Dimensionless UH (483.4)  10YR                         0.959  8.15                   5.39
21.74              8.05872         0.992
  DA-8A                Dimensionless UH (483.4)  10YR                         0.259  5                      3.5
13.33              3.35359         0.994
  DA-8B                Dimensionless UH (483.4)  10YR                         0.675  5                      3.5
13.33              8.74004         0.994
  DA-3A                Dimensionless UH (483.4)  10YR                         6.017  19.37                  12.12
51.64              22.49488        1.001
  DA-3D                Dimensionless UH (483.4)  10YR                         0.422  5                      3.5
13.33              5.46415         0.994
  DA-3B                Dimensionless UH (483.4)  10YR                         0.823  14.27                  9.06
38.05              4.11552         0.998
  DA-3                 Dimensionless UH (483.4)  10YR                         16.963 12.69                  8.12
33.84              94.72865        0.998
  DA-3C                Dimensionless UH (483.4)  10YR                         0.762  7.16                   4.8
19.09              7.20125         0.991
  DA-3E                Dimensionless UH (483.4)  10YR                         1.984  8.71                   5.73
23.23              15.69755        0.992
  DA-7A                Dimensionless UH (483.4)  10YR                         3.578  5                      3.5
13.33              46.32871        0.994
  DA-7C                Dimensionless UH (483.4)  10YR                         30.176 10.48                  6.79
27.93              201.5354        0.995
  DA-7B                Dimensionless UH (483.4)  10YR                         10.638 5                      3.5
13.33              137.7431        0.994
  DA-1E                Dimensionless UH (483.4)  10YR                         127.361 15.23                  9.64
40.61              598.78842       1
  DA-1C_2              Dimensionless UH (483.4)  10YR                         6.76   16.8                   10.58
44.79              28.95603        1.001
  DA-1C_4              Dimensionless UH (483.4)  10YR                         1.582  5                      3.5
13.33              20.48407        0.994
  DA-1C_1              Dimensionless UH (483.4)  10YR                         1.969  5                      3.5
13.33              25.49503        0.994
  DA-1C_5              Dimensionless UH (483.4)  10YR                         0.477  5                      3.5
13.33              6.1763          0.994
  DA-1D_2              Dimensionless UH (483.4)  10YR                         3.469  5                      3.5
13.33              44.91736        0.994
  DA-1D_3              Dimensionless UH (483.4)  10YR                         12.776 9.02                   5.91
24.05              97.91523        0.993
  DA-1D_1              Dimensionless UH (483.4)  10YR                         53.971 24.9                   15.44
66.37              158.43773       1.001


******************
ARM Runoff Summary
******************

-----------------------------------------------------------------------------------------
                     Total       Total       Total       Total       Peak        Runoff
                     Precip      Losses      Runoff      Runoff      Runoff      Coeff
Subcatchment         (in)        (in)        (in)        10^6 gal    CFS         (fraction)
-----------------------------------------------------------------------------------------
DA-2                 3.87        2.699       1.168       0.327       20.83       0.302
DA-5                 3.87        1.637       2.229       0.274       17.034      0.576
DA-6                 3.87        1.931       1.932       3.476       163.061     0.499
DA-1A                3.87        1.752       2.115       0.028       2.517       0.546
DA-1B                3.87        2.987       0.88        0.02        1.117       0.227
DA-4                 3.87        0.507       3.359       0.166       13.929      0.868
DA-4A                3.87        2.444       1.423       0.133       9.506       0.368
DA-4B                3.87        0.699       3.167       0.05        4.259       0.818
DA-8                 3.87        2.474       1.393       0.036       3.062       0.36
DA-8C                3.87        2.376       1.491       0.028       2.396       0.385
DA-2A                3.87        1.6         2.268       0.059       4.253       0.586
DA-8A                3.87        2.911       0.957       0.007       0.526       0.247
DA-8B                3.87        2.841       1.027       0.019       1.506       0.265
DA-3A                3.87        2.548       1.315       0.215       9.042       0.34
DA-3D                3.87        0.971       2.896       0.033       2.91        0.748
DA-3B                3.87        2.271       1.595       0.036       1.858       0.412
DA-3                 3.87        2.827       1.039       0.479       24.374      0.269
DA-3C                3.87        2.67        1.197       0.025       1.771       0.309
DA-3E                3.87        2.075       1.793       0.097       6.683       0.463
DA-7A                3.87        1.031       2.836       0.276       24.25       0.733
DA-7C                3.87        2.533       1.333       1.092       65.817      0.344
DA-7B                3.87        1.066       2.799       0.809       71.351      0.723
DA-1E                3.87        2.328       1.535       5.308       265.347     0.397
DA-1C_2              3.87        2.348       1.515       0.278       13.086      0.391
DA-1C_4              3.87        1.22        2.647       0.114       10.103      0.684
DA-1C_1              3.87        1.816       2.051       0.11        9.796       0.53
DA-1C_5              3.87        1.832       2.035       0.026       2.353       0.526
DA-1D_2              3.87        2.271       1.596       0.15        13.093      0.412
DA-1D_3              3.87        2.098       1.767       0.613       41.668      0.457
DA-1D_1              3.87        2.458       1.403       2.056       74.806      0.363


EPA STORM WATER MANAGEMENT MODEL - VERSION 5.1 (Build 5.1.015)
--------------------------------------------------------------

use plan elevations for BMPs

WARNING 04: minimum elevation drop used for Conduit C20
WARNING 03: negative offset ignored for Link C37
WARNING 03: negative offset ignored for Link C40
WARNING 02: maximum depth increased for Node 11194
WARNING 02: maximum depth increased for Node 12874
WARNING 02: maximum depth increased for Node 13426
WARNING 02: maximum depth increased for Node 14273
WARNING 02: maximum depth increased for Node 14274
WARNING 02: maximum depth increased for Node 15018
WARNING 02: maximum depth increased for Node 16375
WARNING 02: maximum depth increased for Node 16378
WARNING 02: maximum depth increased for Node 16456
WARNING 02: maximum depth increased for Node 16614
WARNING 02: maximum depth increased for Node 16616
WARNING 02: maximum depth increased for Node 16617
WARNING 02: maximum depth increased for Node 16618
WARNING 02: maximum depth increased for Node 16619
WARNING 02: maximum depth increased for Node 16620
WARNING 02: maximum depth increased for Node 16621
WARNING 02: maximum depth increased for Node 16622
WARNING 02: maximum depth increased for Node 16623
WARNING 02: maximum depth increased for Node 16624
WARNING 02: maximum depth increased for Node 19039
WARNING 02: maximum depth increased for Node 19041
WARNING 02: maximum depth increased for Node 19042
WARNING 02: maximum depth increased for Node 19043
WARNING 02: maximum depth increased for Node 19438
WARNING 02: maximum depth increased for Node 23252
WARNING 02: maximum depth increased for Node 23652
WARNING 02: maximum depth increased for Node 23653
WARNING 02: maximum depth increased for Node 25064
WARNING 02: maximum depth increased for Node 3170
WARNING 02: maximum depth increased for Node 3386
WARNING 02: maximum depth increased for Node 3909
WARNING 02: maximum depth increased for Node 51631
WARNING 02: maximum depth increased for Node 51632
WARNING 02: maximum depth increased for Node 51633
WARNING 02: maximum depth increased for Node 51637
WARNING 02: maximum depth increased for Node 51638
WARNING 02: maximum depth increased for Node 51639
WARNING 02: maximum depth increased for Node 51641
WARNING 02: maximum depth increased for Node 51642
WARNING 02: maximum depth increased for Node 51643
WARNING 02: maximum depth increased for Node 52031
WARNING 02: maximum depth increased for Node 52032
WARNING 02: maximum depth increased for Node 52033
WARNING 02: maximum depth increased for Node 52034
WARNING 02: maximum depth increased for Node 52035
WARNING 02: maximum depth increased for Node 52036
WARNING 02: maximum depth increased for Node 52038
WARNING 02: maximum depth increased for Node BMP02OUTLET
WARNING 02: maximum depth increased for Node D01
WARNING 02: maximum depth increased for Node D02
WARNING 02: maximum depth increased for Node D03
WARNING 02: maximum depth increased for Node J04
WARNING 02: maximum depth increased for Node J10
WARNING 02: maximum depth increased for Node J11
WARNING 02: maximum depth increased for Node J9
```

****
Element Count
****
Number of rain gages 4
Number of subcatchments ... 0
Number of nodes 89
Number of links 134
Number of pollutants 0
Number of land uses 0

****
Raingage Summary
****

Name	Data Source	Data Type	Recording Interval
100YR	100YR	CUMULATIVE	1 min.
10YR	10YR	CUMULATIVE	1 min.
25YR	25YR	CUMULATIVE	1 min.
2YR	2YR	CUMULATIVE	60 min.

****
Node Summary
****

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
11194	JUNCTION	1425.50	4.40	0.0	
1170	JUNCTION	1413.83	12.20	0.0	
12874	JUNCTION	1405.40	37.27	0.0	
13426	JUNCTION	1435.81	18.24	0.0	
14273	JUNCTION	1419.29	12.77	0.0	
14274	JUNCTION	1435.98	13.37	0.0	
14741	JUNCTION	1413.60	8.00	0.0	
15018	JUNCTION	1427.78	40.70	0.0	
16375	JUNCTION	1420.10	44.64	0.0	
16378	JUNCTION	1417.35	19.04	0.0	
16456	JUNCTION	1420.55	10.01	0.0	
16613	JUNCTION	1417.42	3.98	0.0	
16614	JUNCTION	1417.16	37.23	0.0	
16615	JUNCTION	1414.28	11.58	0.0	
16616	JUNCTION	1403.00	45.26	0.0	
16617	JUNCTION	1404.99	43.31	0.0	
16618	JUNCTION	1405.50	50.70	0.0	
16619	JUNCTION	1401.48	41.66	0.0	
16620	JUNCTION	1400.87	10.44	0.0	
16621	JUNCTION	1399.30	41.69	0.0	
16622	JUNCTION	1405.39	8.00	0.0	
16623	JUNCTION	1401.23	11.56	0.0	
16624	JUNCTION	1400.95	40.54	0.0	
16626	JUNCTION	1424.90	6.40	0.0	
19039	JUNCTION	1423.60	14.92	0.0	
19041	JUNCTION	1421.84	11.28	0.0	
19042	JUNCTION	1420.29	11.50	0.0	
19043	JUNCTION	1419.81	12.00	0.0	
19438	JUNCTION	1426.15	6.88	0.0	
23252	JUNCTION	1441.92	3.94	0.0	
23652	JUNCTION	1413.00	8.33	0.0	
23653	JUNCTION	1413.00	10.90	0.0	
25064	JUNCTION	1438.41	4.30	0.0	
3151	JUNCTION	1441.07	3.00	0.0	
3170	JUNCTION	1438.25	10.64	0.0	
3386	JUNCTION	1430.96	11.22	0.0	
3909	JUNCTION	1419.16	11.70	0.0	
3910	JUNCTION	1414.18	16.20	0.0	
51235	JUNCTION	1442.23	8.30	0.0	
51236	JUNCTION	1446.55	4.00	0.0	
51631	JUNCTION	1433.37	9.80	0.0	
51632	JUNCTION	1429.34	8.40	0.0	
51633	JUNCTION	1432.57	5.20	0.0	
51637	JUNCTION	1427.63	5.00	0.0	
51638	JUNCTION	1424.15	8.10	0.0	
51639	JUNCTION	1422.17	9.43	0.0	
51641	JUNCTION	1425.44	5.10	0.0	
51642	JUNCTION	1425.28	5.20	0.0	
51643	JUNCTION	1422.47	8.53	0.0	
52031	JUNCTION	1419.90	9.77	0.0	
52032	JUNCTION	1422.14	13.14	0.0	
52033	JUNCTION	1421.78	17.07	0.0	
52034	JUNCTION	1421.99	9.19	0.0	
52035	JUNCTION	1419.57	18.97	0.0	
52036	JUNCTION	1421.58	6.91	0.0	
52037	JUNCTION	1426.34	6.60	0.0	
52038	JUNCTION	1425.14	8.51	0.0	
BMP01OUTLET	JUNCTION	1417.50	8.50	0.0	
BMP02OUTLET	JUNCTION	1420.90	9.10	0.0	
D01	JUNCTION	1396.00	62.62	0.0	
D02	JUNCTION	1397.55	61.62	0.0	
D03	JUNCTION	1398.40	59.53	0.0	
D04	JUNCTION	1399.65	59.68	0.0	
D05	JUNCTION	1404.03	59.68	0.0	
D06	JUNCTION	1411.76	59.42	0.0	
J03	JUNCTION	1411.90	2.00	0.0	
J04	JUNCTION	1407.00	34.97	0.0	
J05	JUNCTION	1425.70	3.91	0.0	
J06	JUNCTION	1428.38	14.20	0.0	
J07	JUNCTION	1439.06	4.10	0.0	
J08	JUNCTION	1414.93	34.97	0.0	
J09	JUNCTION	1413.96	11.43	0.0	
J1	JUNCTION	1412.25	33.27	0.0	
J10	JUNCTION	1392.00	28.53	0.0	
J11	JUNCTION	1442.58	14.38	0.0	
J12	JUNCTION	1429.04	32.53	0.0	
J13	JUNCTION	1466.77	8.76	0.0	
J2	JUNCTION	1447.49	18.24	0.0	
J3	JUNCTION	1434.64	37.23	0.0	
J4	JUNCTION	1447.50	3.94	0.0	
J5	JUNCTION	1445.18	13.37	0.0	
J6	JUNCTION	1423.08	35.51	0.0	
J7	JUNCTION	1406.63	59.42	0.0	
J8	JUNCTION	1387.59	22.26	0.0	
J9	JUNCTION	1386.60	28.53	0.0	
RO1	JUNCTION	1422.14	0.91	0.0	
OF1	OUTFALL	1384.00	22.26	0.0	
SU1	STORAGE	1417.50	9.00	0.0	
SU2	STORAGE	1421.00	8.00	0.0	

****
Link Summary
****

Name	From Node	To Node	Type	Length	%Slope	Roughness
26126	D01	J10	CONDUIT	287.4	1.3921	0.0130
29037	19042	19043	CONDUIT	80.2	0.5737	0.0130
29038	19043	14273	CONDUIT	37.4	1.3921	0.0130
29039	3170	14274	CONDUIT	91.8	2.4729	0.0130
29040	14274	3386	CONDUIT	210.1	2.3902	0.0130
30304	3386	19039	CONDUIT	223.1	3.3005	0.0130
30306_1	19039	19041	CONDUIT	123.2	1.3478	0.0130
30306_2	19041	14273	CONDUIT	110.6	1.4021	0.0130
33414	16375	3909	CONDUIT	51.0	1.7650	0.0130
33415	3909	3910	CONDUIT	75.0	6.6547	0.0130
33421	16378	3910	CONDUIT	482.1	0.6575	0.0130
33422	14273	16378	CONDUIT	380.4	0.5100	0.0130
33570	16456	16375	CONDUIT	43.0	0.8140	0.0130
33571	BMP02OUTLET	16456	CONDUIT	31.0	0.8065	0.0110
34005	16613	16614	CONDUIT	52.6	0.4942	0.0130
34006	16615	14741	CONDUIT	53.8	1.2635	0.0130
34007	16614	16615	CONDUIT	37.2	7.7722	0.0130
34008	J04	16616	CONDUIT	49.7	8.0815	0.0130
34009	14741	16616	CONDUIT	290.8	3.6476	0.0130
34010	16617	16616	CONDUIT	113.3	1.7564	0.0130
34011	16618	16617	CONDUIT	65.5	0.7784	0.0110
34012	16616	16619	CONDUIT	160.1	0.9492	0.0130
34013	16619	16620	CONDUIT	93.1	0.5476	0.0130
34014	16621	D03	CONDUIT	162.0	0.5556	0.0130
34015	16620	16621	CONDUIT	38.0	3.8713	0.0130
34016	12874	16623	CONDUIT	65.0	4.8827	0.0130
34017	16622	16623	CONDUIT	82.0	3.5510	0.0130
34018	16624	16621	CONDUIT	174.0	0.1839	0.0130
34019	16623	16624	CONDUIT	37.0	0.4865	0.0130
34026	J07	J06	CONDUIT	12.3	0.4978	0.0130
34027	11194	16626	CONDUIT	82.0	0.4878	0.0130
34028	16626	J03	CONDUIT	117.0	11.1803	0.0130
34066	3910	1170	CONDUIT	53.0	0.6604	0.0240
76613	51236	51235	CONDUIT	76.8	5.5024	0.0130
77008	51631	51632	CONDUIT	249.5	1.5751	0.0130
77010	25064	3170	CONDUIT	20.1	0.3979	0.0130
77012	23252	25064	CONDUIT	20.7	17.2267	0.0100
77013	51633	51632	CONDUIT	73.5	0.9937	0.0130
77014	51632	51638	CONDUIT	299.8	1.6978	0.0130
77409	51235	51631	CONDUIT	198.2	4.4239	0.0130
77808	51637	51638	CONDUIT	81.1	4.1702	0.0100
77809	51641	51642	CONDUIT	34.6	0.4624	0.0130
77810	51642	51643	CONDUIT	26.0	4.6189	0.0130
77811	51643	19042	CONDUIT	41.7	4.7330	0.0130
77812	51638	51639	CONDUIT	330.8	0.5684	0.0130
77814	51639	52031	CONDUIT	326.7	0.6948	0.0130
78208	52031	52035	CONDUIT	46.0	0.5000	0.0130
78209	52035	SU1	CONDUIT	34.0	1.6767	0.0130
78210	52032	52033	CONDUIT	46.0	0.5652	0.0130
78211	52034	52033	CONDUIT	55.0	0.2000	0.0130
78212	52033	52035	CONDUIT	81.0	0.9630	0.0130
78213	BMP01OUTLET	23652	CONDUIT	133.0	3.3854	0.0110
78214	1170	23653	CONDUIT	46.0	1.8046	0.0130
78215	52037	19438	CONDUIT	12.0	1.5835	0.0130
78216	19438	52038	CONDUIT	61.0	1.4920	0.0130
78217	52036	52035	CONDUIT	44.0	4.3450	0.0130
78218	52038	52036	CONDUIT	234.0	1.4788	0.0130
86624_1	J06	J05	CONDUIT	52.8	5.0848	0.0130
86624_2	J05	11194	CONDUIT	3.9	5.0840	0.0130
86628	3151	J07	CONDUIT	33.6	5.8762	0.0130
C1	J08	J04	CONDUIT	66.4	12.0378	0.0350
C10	23653	D06	CONDUIT	36.4	3.4102	0.0400
C11	52038	RO1	CONDUIT	144.6	7.4870	0.0200
C12	11194	J03	CONDUIT	199.8	8.5413	0.0350
C13	J11	3170	CONDUIT	208.9	2.0733	0.0130

C13_1	3909	RO1	CONDUIT	200.7	3.8943	0.0200
C13_2	RO1	J7	CONDUIT	214.5	7.2500	0.0200
C14	52031	52035	CONDUIT	48.3	0.2689	0.0200
C15	52034	52033	CONDUIT	62.2	0.3377	0.0200
C16	51631	3170	CONDUIT	33.6	1.5472	0.0200
C17	12874	16624	CONDUIT	78.8	0.9896	0.0200
C18	16624	16621	CONDUIT	199.1	-0.2060	0.0200
C19	23252	3170	CONDUIT	38.4	5.9338	0.0200
C2	16621	D05	CONDUIT	63.9	7.8435	0.0350
C20	16623	16624	CONDUIT	41.7	0.0024	0.0200
C21	16622	J7	CONDUIT	71.2	6.8785	0.0200
C21_1	J09	J1	CONDUIT	166.7	1.0275	0.0350
C21_2	J1	12874	CONDUIT	92.7	3.0721	0.0350
C22	16618	16616	CONDUIT	176.1	4.5125	0.0350
C22_1	J12	J6	CONDUIT	299.3	0.9950	0.0200
C23	16616	16619	CONDUIT	161.0	0.5652	0.0200
C24	16619	16621	CONDUIT	112.4	0.1958	0.0200
C25	16617	16616	CONDUIT	114.4	0.0350	0.0350
C25_1	3170	J12	CONDUIT	622.9	1.2852	0.0200
C26	52032	52033	CONDUIT	49.2	0.7319	0.0200
C27	52033	52035	CONDUIT	84.3	0.3676	0.0200
C28	52036	52035	CONDUIT	47.9	0.4382	0.0200
C29	25064	3170	CONDUIT	20.7	0.2898	0.0200
C3	BMP02OUTLET	SU2	CONDUIT	35.4	20.1433	0.0100
C30	19438	RO1	CONDUIT	138.1	7.5191	0.0200
C31	16456	52036	CONDUIT	185.1	1.1181	0.0200
C32	51632	51638	CONDUIT	300.8	1.8256	0.0200
C33	52036	SU1	CONDUIT	63.3	14.0034	0.0350
C34	51637	51638	CONDUIT	86.3	0.4405	0.0200
C35	16378	52032	CONDUIT	200.4	0.5528	0.0200
C35_1	51639	J6	CONDUIT	151.3	3.4965	0.0330
C35_2	J6	J09	CONDUIT	381.8	2.3903	0.0350
C36	15018	16375	CONDUIT	288.5	2.6282	0.0130
C37	J3	16614	CONDUIT	106.7	16.6085	0.0200
C38	J2	13426	CONDUIT	412.9	2.8297	0.0350
C39	15018	16375	CONDUIT	189.8	1.9709	0.0200
C4	J10	J9	CONDUIT	266.6	2.0260	0.0450
C40	J4	23252	CONDUIT	216.8	2.5732	0.0350
C41	14274	3386	CONDUIT	217.4	2.4544	0.0200
C42	3386	19039	CONDUIT	226.9	1.6136	0.0200
C43	19039	19041	CONDUIT	129.3	1.8556	0.0200
C44	19042	51643	CONDUIT	50.0	1.5809	0.0100
C45	J5	14274	CONDUIT	160.9	5.7239	0.0330
C46	19041	14273	CONDUIT	117.6	0.9041	0.0200
C47	51633	51632	CONDUIT	80.2	0.0374	0.0200
C48	51641	51642	CONDUIT	38.7	0.1549	0.0200
C49	51642	51643	CONDUIT	33.6	4.4939	0.0200
C5	13426	15018	CONDUIT	218.5	2.7608	0.0130
C50	19043	14273	CONDUIT	41.7	1.8044	0.0200
C51	51643	J12	CONDUIT	76.9	0.5985	0.0200
C52	J13	J11	CONDUIT	279.7	6.6519	0.0200
C6	J03	D04	CONDUIT	34.5	37.9813	0.0800
C7	J8	OF1	CONDUIT	305.6	1.1763	0.0450
C8	16620	16621	CONDUIT	42.3	0.6621	0.0350
C9	23652	D06	CONDUIT	32.3	3.8479	0.0400
C999	14273	51639	CONDUIT	236.3	0.9260	0.0350
DT01	D02	D01	CONDUIT	27.3	2.0086	0.0450
DT02	D03	D02	CONDUIT	42.5	2.0064	0.0450
DT03	D04	D03	CONDUIT	58.6	2.1275	0.0450
DT04	D05	D04	CONDUIT	157.9	2.7802	0.0450
DT05_1	D06	J7	CONDUIT	118.9	4.3155	0.0450
DT05_2	J7	D05	CONDUIT	159.1	1.6329	0.0450
OR1	SU2	BMP02OUTLET	ORIFICE			
OR2	SU2	BMP02OUTLET	ORIFICE			
OR3	SU1	BMP01OUTLET	ORIFICE			
OR4	SU1	BMP01OUTLET	ORIFICE			
OR5	J9	J8	ORIFICE			
W1	SU2	52034	WEIR			
W2	SU1	J09	WEIR			

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Cross Section Summary
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Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow
26126	RECT_CLOSED	6.00	60.00	1.88	10.00	1	1230.46
29037	CIRCULAR	1.25	1.23	0.31	1.25	1	4.89
29038	CIRCULAR	1.25	1.23	0.31	1.25	1	7.62
29039	CIRCULAR	2.25	3.98	0.56	2.25	1	48.70
29040	CIRCULAR	3.00	7.07	0.75	3.00	1	103.12
30304	CIRCULAR	3.00	7.07	0.75	3.00	1	121.17
30306_1	CIRCULAR	3.50	9.62	0.88	3.50	1	116.80
30306_2	CIRCULAR	3.50	9.62	0.88	3.50	1	119.13
33414	CIRCULAR	3.00	7.07	0.75	3.00	1	88.61
33415	CIRCULAR	3.00	7.07	0.75	3.00	1	172.06
33421	CIRCULAR	4.50	15.90	1.13	4.50	1	159.46
33422	CIRCULAR	4.50	15.90	1.13	4.50	1	140.43
33570	CIRCULAR	2.00	3.14	0.50	2.00	1	20.41
33571	CIRCULAR	2.00	3.14	0.50	2.00	1	24.01
34005	CIRCULAR	1.25	1.23	0.31	1.25	1	4.54
34006	CIRCULAR	1.50	1.77	0.38	1.50	1	11.81
34007	CIRCULAR	1.25	1.23	0.31	1.25	1	18.01
34008	CIRCULAR	2.50	4.91	0.63	2.50	1	116.60
34009	CIRCULAR	1.50	1.77	0.38	1.50	1	20.06
34010	CIRCULAR	1.25	1.23	0.31	1.25	1	8.56
34011	CIRCULAR	1.25	1.23	0.31	1.25	1	6.74
34012	CIRCULAR	3.00	7.07	0.75	3.00	1	64.98
34013	CIRCULAR	3.00	7.07	0.75	3.00	1	49.36
34014	CIRCULAR	3.00	7.07	0.75	3.00	1	49.71
34015	CIRCULAR	3.00	7.07	0.75	3.00	1	131.23
34016	CIRCULAR	1.50	1.77	0.38	1.50	1	23.21
34017	CIRCULAR	1.25	1.23	0.31	1.25	1	12.17
34018	CIRCULAR	2.50	4.91	0.63	2.50	1	17.59
34019	CIRCULAR	2.50	4.91	0.63	2.50	1	28.61
34026	CIRCULAR	2.00	3.14	0.50	2.00	1	15.96
34027	CIRCULAR	2.00	3.14	0.50	2.00	1	15.80
34028	CIRCULAR	2.00	3.14	0.50	2.00	1	75.64
34066	CIRCULAR	5.00	19.63	1.25	5.00	1	114.64
76613	CIRCULAR	1.25	1.23	0.31	1.25	1	15.15
77008	CIRCULAR	2.00	3.14	0.50	2.00	1	28.39
77010	CIRCULAR	2.00	3.14	0.50	2.00	1	14.27
77012	CIRCULAR	2.00	3.14	0.50	2.00	1	122.06
77013	CIRCULAR	1.25	1.23	0.31	1.25	1	6.44
77014	CIRCULAR	2.00	3.14	0.50	2.00	1	29.48
77409	CIRCULAR	1.50	1.77	0.38	1.50	1	22.09
77808	CIRCULAR	1.25	1.23	0.31	1.25	1	17.15
77809	CIRCULAR	1.25	1.23	0.31	1.25	1	4.39
77810	CIRCULAR	1.25	1.23	0.31	1.25	1	13.88
77811	CIRCULAR	1.25	1.23	0.31	1.25	1	14.05
77812	CIRCULAR	2.50	4.91	0.63	2.50	1	30.92
77814	CIRCULAR	2.50	4.91	0.63	2.50	1	34.19
78208	CIRCULAR	2.50	4.91	0.63	2.50	1	29.00
78209	CIRCULAR	2.50	4.91	0.63	2.50	1	53.11
78210	CIRCULAR	1.25	1.23	0.31	1.25	1	4.86
78211	CIRCULAR	1.25	1.23	0.31	1.25	1	2.89
78212	CIRCULAR	1.25	1.23	0.31	1.25	1	6.34
78213	CIRCULAR	3.00	7.07	0.75	3.00	1	145.03
78214	CIRCULAR	5.00	19.63	1.25	5.00	1	349.87
78215	CIRCULAR	1.25	1.23	0.31	1.25	1	8.13
78216	CIRCULAR	1.25	1.23	0.31	1.25	1	7.89
78217	CIRCULAR	2.00	3.14	0.50	2.00	1	47.16
78218	CIRCULAR	1.50	1.77	0.38	1.50	1	12.77
86624_1	CIRCULAR	2.00	3.14	0.50	2.00	1	51.01
86624_2	CIRCULAR	2.00	3.14	0.50	2.00	1	51.01
86628	CIRCULAR	2.00	3.14	0.50	2.00	1	54.84
C1	C1	34.97	1854.93	10.46	82.35	1	130689.38
C10	C10	10.90	555.89	6.76	82.53	1	13634.43
C11	C11	0.71	22.87	0.48	47.85	1	283.47
C12	RECT_OPEN	1.00	10.00	1.00	10.00	1	124.08
C13	CIRCULAR	1.75	2.41	0.44	1.75	1	22.82
C13_1	C13_1	0.91	38.82	0.64	60.76	1	421.11
C13_2	C13_2	0.19	6.03	0.12	51.19	1	28.92
C14	C14	3.47	309.53	2.77	110.55	1	2352.49
C15	C15	5.09	295.16	4.26	69.00	1	3348.99
C16	RECT_OPEN	1.00	20.00	1.00	20.00	1	184.84
C17	C17	32.87	6962.29	14.05	251.68	1	299680.29
C18	C18	31.85	8046.20	23.01	301.76	1	219474.00
C19	RECT_OPEN	1.00	20.00	1.00	20.00	1	361.98
C2	C2	1.85	156.60	0.78	200.72	1	1573.26
C20	C20	4.17	474.37	3.17	147.12	1	372.00
C21	C21	1.87	62.90	1.26	50.31	1	1426.24
C21_1	C21_1	11.43	2641.30	5.24	318.64	1	34303.43
C21_2	C21_2	33.27	2986.60	17.58	114.52	1	150240.77
C22	C22	38.10	8782.21	20.48	286.71	1	592956.07
C22_1	C22_1	32.53	4184.92	16.92	163.38	1	204428.19
C23	C23	33.89	3823.94	12.74	147.59	1	116530.75
C24	C24	31.96	4441.47	16.49	163.59	1	94583.38
C25	C22	38.10	8782.21	20.48	286.71	1	52200.84
C25_1	C25_1	7.24	1603.84	5.79	275.42	1	43576.57
C26	C26	0.95	19.17	0.45	42.12	1	71.16
C27	C27	12.47	8757.27	11.02	782.10	1	195336.38
C28	C28	1.14	32.39	0.47	68.23	1	96.65
C29	RECT_OPEN	1.00	20.00	1.00	20.00	1	80.00
C3	RECT_OPEN	2.00	20.00	2.00	10.00	1	2117.39
C30	C30	0.53	11.90	0.35	33.42	1	120.49
C31	C31	2.21	145.90	1.54	92.89	1	1526.36
C32	RECT_OPEN	1.00	20.00	1.00	20.00	1	200.78
C33	RECT_OPEN	1.00	10.00	1.00	10.00	1	158.88
C34	RECT_OPEN	1.00	20.00	1.00	20.00	1	98.63
C35	C35	9.04	892.81	6.52	128.45	1	17206.93
C35_1	C35_1	3.23	271.96	2.34	120.73	1	4037.27
C35_2	C35_2	11.10	2396.05	4.88	320.40	1	45275.57
C36	CIRCULAR	3.00	7.07	0.75	3.00	1	108.13
C37	C37	37.23	4038.41	15.51	138.90	1	760452.52
C38	C38	18.24	2174.72	11.18	222.49	1	77647.07
C39	C39	35.03	3790.90	24.12	132.99	1	330062.23
C4	C4	28.53	4638.39	17.25	282.94	1	145553.80
C40	C40	3.94	374.14	2.62	142.07	1	4840.71
C41	RECT_OPEN	1.00	20.00	1.00	20.00	1	232.81
C42	RECT_OPEN	5.00	100.00	5.00	20.00	1	2759.73
C43	RECT_OPEN	2.00	40.00	2.00	20.00	1	642.65
C44	RECT_OPEN	1.00	20.00	1.00	20.00	1	373.68
C45	C45	13.37	1889.08	7.39	250.43	1	77180.11
C46	RECT_OPEN	2.00	60.00	2.00	30.00	1	672.88
C47	RECT_OPEN	1.00	20.00	1.00	20.00	1	28.74
C48	RECT_OPEN	1.00	20.00	1.00	20.00	1	58.48
C49	RECT_OPEN	1.00	20.00	1.00	20.00	1	315.01
C5	CIRCULAR	3.00	7.07	0.75	3.00	1	110.82

C50	RECT_OPEN	1.00	20.00	1.00	20.00	1	199.61
C51	RECT_OPEN	1.00	20.00	1.00	20.00	1	114.96
C52	C52	8.76	1057.10	4.91	170.39	1	58507.84
C6	RECT_OPEN	1.00	10.00	1.00	10.00	1	114.48
C7	C7	22.26	3186.92	7.10	212.90	1	42145.74
C8	RECT_OPEN	2.00	40.00	2.00	20.00	1	219.35
C9	C9	8.33	481.18	4.44	99.46	1	9471.00
C999	RECT_OPEN	2.00	60.00	2.00	30.00	1	389.13
DT01	DT01	61.62	14305.93	13.22	427.19	1	374329.56
DT02	DT02	59.53	12882.08	14.20	391.51	1	353335.62
DT03	DT03	59.24	11754.29	14.98	339.83	1	344104.62
DT04	DT04	59.68	8971.62	18.10	236.16	1	340536.12
DT05_1	DT05	59.42	5772.85	15.88	175.25	1	250161.79
DT05_2	DT05-2	59.42	5772.85	15.88	175.25	1	153881.42

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Transect Summary
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Transect C1
Area:

0.0047	0.0159	0.0296	0.0445	0.0606
0.0777	0.0963	0.1158	0.1352	0.1547
0.1743	0.1939	0.2135	0.2332	0.2529
0.2726	0.2923	0.3121	0.3318	0.3516
0.3714	0.3913	0.4111	0.4310	0.4509
0.4708	0.4908	0.5107	0.5307	0.5507
0.5707	0.5908	0.6108	0.6309	0.6510
0.6712	0.6913	0.7115	0.7317	0.7519
0.7721	0.7924	0.8126	0.8329	0.8539
0.8802	0.9101	0.9400	0.9699	1.0000

Hrad:

0.0436	0.0716	0.1053	0.1374	0.1682
0.1967	0.2210	0.2498	0.2785	0.3067
0.3345	0.3616	0.3880	0.4139	0.4392
0.4639	0.4880	0.5116	0.5347	0.5573
0.5795	0.6013	0.6226	0.6435	0.6641
0.6844	0.7043	0.7239	0.7432	0.7622
0.7809	0.7994	0.8176	0.8356	0.8533
0.8709	0.8882	0.9053	0.9223	0.9390
0.9556	0.9720	0.9882	1.0043	0.9839
0.9498	0.9647	0.9805	0.9965	1.0000

Width:

0.2571	0.4260	0.4606	0.5008	0.5330
0.5699	0.6249	0.6262	0.6275	0.6289
0.6302	0.6315	0.6328	0.6337	0.6344
0.6351	0.6358	0.6364	0.6371	0.6378
0.6384	0.6391	0.6398	0.6405	0.6411
0.6418	0.6425	0.6431	0.6438	0.6445
0.6451	0.6458	0.6465	0.6472	0.6478
0.6485	0.6492	0.6498	0.6505	0.6512
0.6519	0.6525	0.6532	0.6539	0.7590
0.9601	0.9628	0.9631	0.9634	1.0000

Transect C10
Area:

0.0040	0.0113	0.0197	0.0288	0.0386
0.0490	0.0597	0.0709	0.0824	0.0943
0.1065	0.1191	0.1321	0.1454	0.1591
0.1731	0.1876	0.2025	0.2178	0.2336
0.2499	0.2668	0.2843	0.3023	0.3210
0.3403	0.3603	0.3810	0.4024	0.4245
0.4473	0.4710	0.4954	0.5206	0.5465
0.5733	0.6010	0.6297	0.6591	0.6889
0.7189	0.7491	0.7796	0.8103	0.8413
0.8725	0.9040	0.9357	0.9678	1.0000

Hrad:

0.0203	0.0456	0.0712	0.0970	0.1218
0.1477	0.1727	0.1970	0.2217	0.2454
0.2684	0.2912	0.3137	0.3352	0.3559
0.3763	0.3964	0.4149	0.4396	0.4690
0.4972	0.5242	0.5500	0.5747	0.5983
0.6207	0.6419	0.6623	0.6818	0.7004
0.7178	0.7345	0.7506	0.7661	0.7809
0.7946	0.8076	0.8197	0.8330	0.8474
0.8621	0.8769	0.8919	0.9072	0.9226
0.9382	0.9534	0.9688	0.9844	1.0000

Width:

0.1963	0.2443	0.2729	0.2934	0.3123
0.3255	0.3383	0.3509	0.3614	0.3726
0.3840	0.3948	0.4054	0.4168	0.4287
0.4407	0.4525	0.4661	0.4805	0.4973
0.5134	0.5300	0.5489	0.5665	0.5852
0.6073	0.6294	0.6498	0.6708	0.6938
0.7202	0.7426	0.7661	0.7886	0.8129
0.8415	0.8700	0.9008	0.9156	0.9226
0.9297	0.9376	0.9461	0.9534	0.9606
0.9677	0.9769	0.9853	0.9925	1.0000

Transect C11
Area:

0.0013	0.0052	0.0107	0.0175	0.0272
0.0400	0.0534	0.0672	0.0814	0.0960
0.1110	0.1263	0.1421	0.1581	0.1747
0.1915	0.2085	0.2258	0.2435	0.2617
0.2804	0.2995	0.3192	0.3393	0.3599
0.3809	0.4022	0.4236	0.4455	0.4680
0.4910	0.5144	0.5383	0.5628	0.5878
0.6132	0.6389	0.6650	0.6915	0.7182
0.7451	0.7723	0.7998	0.8276	0.8557
0.8840	0.9126	0.9414	0.9706	1.0000

Hrad:

0.0144	0.0313	0.0536	0.0665	0.0784
0.0895	0.1163	0.1420	0.1676	0.1928
0.2162	0.2402	0.2646	0.2869	0.3097
0.3348	0.3595	0.3815	0.4018	0.4197
0.4387	0.4572	0.4752	0.4929	0.5093
0.5331	0.5571	0.5797	0.5946	0.6070
0.6268	0.6437	0.6578	0.6739	0.6886
0.7093	0.7296	0.7479	0.7689	0.7921
0.8151	0.8355	0.8548	0.8762	0.8979
0.9193	0.9402	0.9610	0.9806	1.0000

Width:

0.0977	0.1665	0.2038	0.2734	0.3890
0.4473	0.4596	0.4736	0.4861	0.4979
0.5133	0.5260	0.5370	0.5512	0.5640
0.5720	0.5800	0.5920	0.6062	0.6236
0.6391	0.6552	0.6717	0.6883	0.7067
0.7145	0.7219	0.7308	0.7493	0.7711
0.7835	0.7992	0.8184	0.8351	0.8536
0.8646	0.8757	0.8892	0.8994	0.9068
0.9142	0.9243	0.9357	0.9446	0.9530
0.9616	0.9706	0.9796	0.9898	1.0000

Transect C13_1
Area:

0.0008	0.0028	0.0058	0.0097	0.0147
0.0205	0.0273	0.0352	0.0442	0.0543
0.0661	0.0820	0.1011	0.1204	0.1401
0.1603	0.1807	0.2016	0.2229	0.2444
0.2661	0.2882	0.3105	0.3332	0.3561
0.3792	0.4027	0.4264	0.4503	0.4745
0.4989	0.5234	0.5482	0.5731	0.5983
0.6236	0.6492	0.6750	0.7010	0.7272
0.7537	0.7802	0.8070	0.8340	0.8611
0.8884	0.9160	0.9438	0.9717	1.0000

Hrad:

0.0169	0.0312	0.0478	0.0614	0.0773
0.0926	0.1056	0.1186	0.1316	0.1426
0.1484	0.1235	0.1494	0.1754	0.1996
0.2242	0.2482	0.2717	0.2955	0.3207
0.3456	0.3682	0.3918	0.4156	0.4388
0.4618	0.4848	0.5080	0.5315	0.5551
0.5790	0.6027	0.6263	0.6498	0.6727
0.6951	0.7174	0.7396	0.7619	0.7846
0.8072	0.8301	0.8530	0.8755	0.8974
0.9193	0.9404	0.9613	0.9809	1.0000

Width:

0.0483	0.0890	0.1211	0.1581	0.1899
0.2215	0.2585	0.2969	0.3358	0.3808
0.4626	0.6641	0.6768	0.6867	0.7021
0.7149	0.7283	0.7420	0.7543	0.7621
0.7702	0.7827	0.7926	0.8017	0.8115
0.8213	0.8307	0.8394	0.8474	0.8549
0.8617	0.8685	0.8753	0.8821	0.8894
0.8972	0.9050	0.9127	0.9201	0.9269
0.9337	0.9400	0.9462	0.9526	0.9595
0.9665	0.9741	0.9817	0.9907	1.0000

Transect C13_2
Area:

0.0009	0.0029	0.0071	0.0150	0.0252
0.0367	0.0495	0.0627	0.0768	0.0913
0.1060	0.1210	0.1366	0.1531	0.1699
0.1869	0.2041	0.2219	0.2405	0.2593
0.2784	0.2978	0.3174	0.3373	0.3574
0.3779	0.3987	0.4198	0.4413	0.4633
0.4862	0.5100	0.5345	0.5593	0.5843
0.6097	0.6353	0.6612	0.6874	0.7137
0.7407	0.7679	0.7954	0.8230	0.8507
0.8788	0.9075	0.9375	0.9685	1.0000

Hrad:

0.0237	0.0378	0.0494	0.0599	0.0758
0.1004	0.1209	0.1434	0.1710	0.1987
0.2268	0.2528	0.2643	0.2922	0.3197
0.3468	0.3729	0.3863	0.4079	0.4341
0.4599	0.4855	0.5109	0.5352	0.5586
0.5817	0.6047	0.6264	0.6465	0.6663
0.6848	0.7022	0.7226	0.7458	0.7688
0.7918	0.8147	0.8386	0.8653	0.8908
0.9160	0.9417	0.9675	0.9931	1.0169
1.0395	1.0613	1.0765	1.0643	1.0000

Width:

0.0423	0.0878	0.1933	0.2930	0.3444
0.3905	0.4097	0.4379	0.4498	0.4599
0.4680	0.4791	0.5174	0.5248	0.5322
0.5395	0.5481	0.5753	0.5903	0.5982
0.6062	0.6141	0.6221	0.6310	0.6407

0.6505	0.6602	0.6710	0.6835	0.7073
0.7392	0.7623	0.7758	0.7851	0.7943
0.8036	0.8128	0.8210	0.8265	0.8413
0.8552	0.8610	0.8669	0.8727	0.8800
0.8881	0.9325	0.9651	0.9852	1.0000

Transect C14
Area:

0.0025	0.0076	0.0162	0.0274	0.0398
0.0531	0.0674	0.0827	0.0987	0.1153
0.1324	0.1500	0.1682	0.1872	0.2066
0.2263	0.2466	0.2678	0.2892	0.3108
0.3325	0.3543	0.3762	0.3981	0.4202
0.4423	0.4646	0.4869	0.5093	0.5319
0.5545	0.5772	0.5999	0.6228	0.6457
0.6687	0.6918	0.7149	0.7382	0.7615
0.7849	0.8084	0.8320	0.8556	0.8793
0.9032	0.9271	0.9512	0.9755	1.0000

Hrad:

0.0160	0.0289	0.0392	0.0575	0.0770
0.0959	0.1135	0.1314	0.1512	0.1704
0.1903	0.2099	0.2248	0.2428	0.2636
0.2845	0.3032	0.3130	0.3353	0.3581
0.3809	0.4038	0.4271	0.4503	0.4733
0.4960	0.5186	0.5411	0.5636	0.5862
0.6086	0.6310	0.6534	0.6759	0.6983
0.7206	0.7428	0.7646	0.7863	0.8079
0.8297	0.8519	0.8741	0.8962	0.9167
0.9370	0.9567	0.9757	0.9932	1.0000

Width:

0.1561	0.2648	0.4156	0.4793	0.5200
0.5572	0.5975	0.6333	0.6571	0.6809
0.7002	0.7191	0.7529	0.7755	0.7883
0.7999	0.8465	0.8602	0.8671	0.8723
0.8771	0.8815	0.8847	0.8879	0.8913
0.8951	0.8989	0.9028	0.9064	0.9098
0.9133	0.9167	0.9199	0.9230	0.9261
0.9291	0.9322	0.9357	0.9392	0.9427
0.9460	0.9489	0.9518	0.9546	0.9592
0.9638	0.9690	0.9748	0.9820	1.0000

Transect C15
Area:

0.0040	0.0099	0.0171	0.0253	0.0347
0.0470	0.0609	0.0779	0.0980	0.1185
0.1391	0.1598	0.1806	0.2015	0.2225
0.2435	0.2646	0.2858	0.3070	0.3283
0.3496	0.3711	0.3925	0.4141	0.4356
0.4573	0.4790	0.5008	0.5226	0.5445
0.5665	0.5886	0.6107	0.6329	0.6551
0.6775	0.6999	0.7224	0.7450	0.7677
0.7905	0.8133	0.8363	0.8593	0.8825
0.9058	0.9291	0.9526	0.9763	1.0000

Hrad:

0.0184	0.0355	0.0521	0.0686	0.0779
0.0843	0.1011	0.1127	0.1144	0.1372
0.1601	0.1829	0.2057	0.2284	0.2510
0.2736	0.2961	0.3185	0.3409	0.3633
0.3856	0.4078	0.4300	0.4521	0.4742
0.4962	0.5181	0.5400	0.5618	0.5835
0.6052	0.6268	0.6483	0.6697	0.6910
0.7123	0.7335	0.7546	0.7757	0.7966
0.8175	0.8382	0.8588	0.8794	0.8998
0.9201	0.9403	0.9603	0.9802	1.0000

Width:

0.2158	0.2776	0.3248	0.3648	0.4407
0.5513	0.6375	0.7959	0.8570	0.8629
0.8682	0.8720	0.8753	0.8787	0.8820
0.8851	0.8876	0.8902	0.8927	0.8953
0.8979	0.9004	0.9029	0.9055	0.9080
0.9105	0.9130	0.9159	0.9187	0.9216
0.9244	0.9273	0.9305	0.9337	0.9369
0.9401	0.9434	0.9470	0.9506	0.9542
0.9580	0.9621	0.9662	0.9703	0.9748
0.9795	0.9841	0.9893	0.9946	1.0000

Transect C17
Area:

0.0037	0.0105	0.0201	0.0321	0.0465
0.0617	0.0774	0.0937	0.1106	0.1280
0.1458	0.1640	0.1825	0.2014	0.2207
0.2402	0.2600	0.2801	0.3005	0.3213
0.3424	0.3637	0.3856	0.4081	0.4308
0.4535	0.4763	0.4990	0.5217	0.5444
0.5672	0.5899	0.6126	0.6354	0.6581
0.6809	0.7036	0.7264	0.7491	0.7719
0.7947	0.8175	0.8402	0.8630	0.8858
0.9087	0.9315	0.9543	0.9771	1.0000

Hrad:

0.0320	0.0631	0.0841	0.1021	0.1202
0.1418	0.1634	0.1848	0.2054	0.2267
0.2483	0.2689	0.2894	0.3102	0.3306
0.3510	0.3708	0.3903	0.4096	0.4286
0.4473	0.4654	0.4799	0.4941	0.5153
0.5364	0.5575	0.5785	0.5994	0.6202

0.6409	0.6615	0.6821	0.7025	0.7228
0.7430	0.7631	0.7831	0.8030	0.8228
0.8425	0.8621	0.8816	0.9010	0.9202
0.9394	0.9585	0.9774	0.9963	1.0000

Width:

0.2433	0.3383	0.4540	0.5593	0.6285
0.6511	0.6747	0.6974	0.7233	0.7413
0.7554	0.7729	0.7890	0.8019	0.8150
0.8272	0.8402	0.8537	0.8665	0.8795
0.8927	0.9070	0.9316	0.9559	0.9560
0.9561	0.9562	0.9563	0.9565	0.9566
0.9567	0.9568	0.9569	0.9570	0.9572
0.9573	0.9574	0.9575	0.9577	0.9580
0.9584	0.9587	0.9591	0.9594	0.9598
0.9601	0.9605	0.9609	0.9612	1.0000

Transect C18
Area:

0.0048	0.0153	0.0280	0.0418	0.0567
0.0722	0.0886	0.1058	0.1242	0.1430
0.1623	0.1821	0.2023	0.2229	0.2439
0.2653	0.2868	0.3083	0.3299	0.3514
0.3729	0.3945	0.4160	0.4376	0.4591
0.4807	0.5022	0.5238	0.5454	0.5669
0.5885	0.6101	0.6317	0.6532	0.6748
0.6964	0.7180	0.7396	0.7612	0.7828
0.8044	0.8260	0.8476	0.8692	0.8909
0.9125	0.9342	0.9558	0.9775	1.0000

Hrad:

0.0131	0.0286	0.0469	0.0630	0.0803
0.0989	0.1149	0.1282	0.1460	0.1645
0.1828	0.2005	0.2191	0.2377	0.2552
0.2738	0.2966	0.3194	0.3421	0.3648
0.3875	0.4101	0.4327	0.4553	0.4778
0.5003	0.5228	0.5452	0.5676	0.5900
0.6123	0.6346	0.6569	0.6791	0.7013
0.7235	0.7456	0.7678	0.7898	0.8119
0.8339	0.8559	0.8778	0.8997	0.9216
0.9435	0.9653	0.9871	1.0089	1.0000

Width:

0.3556	0.5156	0.5505	0.6031	0.6402
0.6639	0.7009	0.7521	0.7780	0.7980
0.8179	0.8386	0.8547	0.8696	0.8873
0.9012	0.9013	0.9014	0.9015	0.9016
0.9018	0.9019	0.9020	0.9021	0.9022
0.9024	0.9025	0.9026	0.9027	0.9028
0.9029	0.9031	0.9032	0.9033	0.9034
0.9035	0.9036	0.9038	0.9039	0.9042
0.9045	0.9048	0.9052	0.9055	0.9058
0.9062	0.9065	0.9068	0.9071	1.0000

Transect C2
Area:

0.0012	0.0036	0.0067	0.0107	0.0156
0.0211	0.0272	0.0339	0.0414	0.0494
0.0579	0.0669	0.0765	0.0866	0.0972
0.1083	0.1198	0.1319	0.1444	0.1574
0.1708	0.1847	0.1991	0.2141	0.2299
0.2466	0.2644	0.2831	0.3029	0.3235
0.3448	0.3669	0.3899	0.4136	0.4381
0.4635	0.4898	0.5172	0.5507	0.5880
0.6262	0.6655	0.7055	0.7460	0.7868
0.8281	0.8698	0.9120	0.9549	1.0000

Hrad:

0.0302	0.0621	0.0908	0.1127	0.1423
0.1719	0.2016	0.2254	0.2546	0.2832
0.3132	0.3392	0.3673	0.3967	0.4260
0.4542	0.4815	0.5080	0.5356	0.5670
0.5947	0.6191	0.6415	0.6593	0.6728
0.6783	0.6824	0.6991	0.7111	0.7295
0.7529	0.7733	0.7930	0.8140	0.8319
0.8491	0.8676	0.8761	0.7120	0.7382
0.7665	0.7932	0.8311	0.8700	0.9086
0.9464	0.9837	1.0184	1.0493	1.0000

Width:

0.0410	0.0583	0.0742	0.0952	0.1095
0.1226	0.1349	0.1506	0.1625	0.1743
0.1848	0.1972	0.2084	0.2184	0.2283
0.2384	0.2489	0.2597	0.2697	0.2776
0.2872	0.2983	0.3103	0.3248	0.3418
0.3636	0.3875	0.4051	0.4260	0.4435
0.4581	0.4746	0.4917	0.5081	0.5267
0.5460	0.5647	0.6229	0.7737	0.7967
0.8172	0.8392	0.8492	0.8577	0.8662
0.8752	0.8844	0.8957	0.9230	1.0000

Transect C20
Area:

0.0039	0.0113	0.0207	0.0316	0.0438
0.0568	0.0707	0.0854	0.1006	0.1163
0.1324	0.1489	0.1658	0.1831	0.2008
0.2189	0.2374	0.2563	0.2756	0.2955
0.3157	0.3364	0.3573	0.3786	0.4002
0.4221	0.4443	0.4668	0.4895	0.5124
0.5355	0.5588	0.5822	0.6058	0.6294

0.6532	0.6771	0.7012	0.7253	0.7495
0.7739	0.7984	0.8231	0.8479	0.8729
0.8980	0.9232	0.9486	0.9742	1.0000

Hrad:

0.0170	0.0350	0.0527	0.0717	0.0911
0.1108	0.1290	0.1497	0.1711	0.1923
0.2126	0.2337	0.2541	0.2747	0.2939
0.3144	0.3332	0.3514	0.3686	0.3862
0.4048	0.4238	0.4437	0.4636	0.4824
0.5018	0.5210	0.5397	0.5618	0.5826
0.6043	0.6262	0.6476	0.6696	0.6922
0.7144	0.7363	0.7580	0.7801	0.8021
0.8236	0.8433	0.8632	0.8841	0.9048
0.9246	0.9445	0.9642	0.9817	1.0000

Width:

0.2355	0.3270	0.3981	0.4476	0.4871
0.5197	0.5558	0.5788	0.5964	0.6131
0.6313	0.6460	0.6615	0.6756	0.6927
0.7058	0.7220	0.7392	0.7578	0.7754
0.7905	0.8044	0.8160	0.8274	0.8405
0.8522	0.8639	0.8761	0.8820	0.8898
0.8959	0.9017	0.9077	0.9129	0.9170
0.9215	0.9262	0.9311	0.9353	0.9395
0.9442	0.9508	0.9570	0.9620	0.9672
0.9732	0.9789	0.9848	0.9929	1.0000

Transect C21

Area:

0.0017	0.0066	0.0134	0.0214	0.0311
0.0422	0.0546	0.0678	0.0817	0.0962
0.1112	0.1266	0.1426	0.1590	0.1758
0.1930	0.2105	0.2285	0.2468	0.2654
0.2844	0.3037	0.3233	0.3433	0.3637
0.3845	0.4056	0.4270	0.4489	0.4712
0.4939	0.5171	0.5411	0.5657	0.5909
0.6165	0.6422	0.6681	0.6942	0.7205
0.7470	0.7736	0.8006	0.8279	0.8555
0.8836	0.9120	0.9409	0.9702	1.0000

Hrad:

0.0163	0.0325	0.0541	0.0730	0.0890
0.1069	0.1265	0.1481	0.1699	0.1925
0.2152	0.2359	0.2579	0.2801	0.3023
0.3242	0.3447	0.3653	0.3876	0.4096
0.4305	0.4504	0.4701	0.4895	0.5090
0.5287	0.5476	0.5655	0.5830	0.6003
0.6143	0.6251	0.6361	0.6489	0.6608
0.6861	0.7110	0.7357	0.7601	0.7842
0.8080	0.8315	0.8542	0.8765	0.8980
0.9193	0.9404	0.9605	0.9803	1.0000

Width:

0.1035	0.2028	0.2456	0.2927	0.3485
0.3934	0.4284	0.4531	0.4741	0.4914
0.5067	0.5254	0.5402	0.5539	0.5664
0.5786	0.5926	0.6059	0.6160	0.6261
0.6374	0.6496	0.6619	0.6743	0.6861
0.6975	0.7096	0.7226	0.7359	0.7493
0.7663	0.7884	0.8103	0.8301	0.8511
0.8554	0.8612	0.8670	0.8729	0.8796
0.8868	0.8940	0.9045	0.9155	0.9290
0.9420	0.9548	0.9710	0.9864	1.0000

Transect C21_1

Area:

0.0030	0.0083	0.0158	0.0247	0.0347
0.0456	0.0580	0.0722	0.0876	0.1039
0.1206	0.1377	0.1550	0.1726	0.1904
0.2085	0.2269	0.2456	0.2645	0.2837
0.3031	0.3228	0.3428	0.3633	0.3846
0.4063	0.4283	0.4507	0.4733	0.4961
0.5191	0.5424	0.5658	0.5895	0.6135
0.6377	0.6621	0.6868	0.7117	0.7368
0.7621	0.7876	0.8133	0.8392	0.8653
0.8917	0.9183	0.9452	0.9725	1.0000

Hrad:

0.0294	0.0564	0.0884	0.1234	0.1543
0.1820	0.2025	0.2220	0.2396	0.2590
0.2795	0.3007	0.3224	0.3444	0.3664
0.3876	0.4089	0.4304	0.4519	0.4728
0.4935	0.5134	0.5318	0.5455	0.5611
0.5788	0.5963	0.6149	0.6339	0.6525
0.6716	0.6903	0.7088	0.7268	0.7445
0.7623	0.7800	0.7977	0.8157	0.8336
0.8512	0.8688	0.8865	0.9043	0.9215
0.9381	0.9533	0.9683	0.9816	1.0000

Width:

0.1582	0.2329	0.3007	0.3433	0.3771
0.4135	0.4989	0.5329	0.5790	0.5990
0.6121	0.6236	0.6329	0.6410	0.6497
0.6626	0.6734	0.6821	0.6902	0.6999
0.7087	0.7195	0.7331	0.7591	0.7793
0.7927	0.8055	0.8149	0.8229	0.8315
0.8387	0.8465	0.8548	0.8639	0.8730
0.8819	0.8904	0.8989	0.9062	0.9137
0.9213	0.9292	0.9363	0.9431	0.9509
0.9595	0.9706	0.9816	0.9953	1.0000

Transect C21_2

Area:

0.0008	0.0025	0.0050	0.0086	0.0144
0.0237	0.0353	0.0488	0.0652	0.0856
0.1082	0.1308	0.1535	0.1761	0.1988
0.2215	0.2443	0.2670	0.2897	0.3125
0.3352	0.3580	0.3808	0.4036	0.4264
0.4492	0.4720	0.4948	0.5177	0.5405
0.5634	0.5862	0.6091	0.6320	0.6549
0.6778	0.7007	0.7236	0.7465	0.7695
0.7924	0.8154	0.8384	0.8614	0.8844
0.9075	0.9306	0.9537	0.9768	1.0000

Hrad:

0.0231	0.0424	0.0599	0.0758	0.0645
0.0810	0.1033	0.1193	0.1278	0.1407
0.1716	0.2049	0.2375	0.2693	0.3003
0.3307	0.3603	0.3894	0.4177	0.4455
0.4726	0.4992	0.5252	0.5506	0.5756
0.6000	0.6239	0.6473	0.6703	0.6928
0.7149	0.7366	0.7578	0.7786	0.7991
0.8192	0.8389	0.8582	0.8772	0.8959
0.9142	0.9322	0.9499	0.9673	0.9845
1.0013	1.0179	1.0342	1.0503	1.0000

Width:

0.0499	0.0822	0.1188	0.1595	0.3219
0.4189	0.4860	0.5804	0.7240	0.8643
0.8866	0.8874	0.8882	0.8889	0.8897
0.8904	0.8909	0.8913	0.8917	0.8920
0.8924	0.8927	0.8931	0.8935	0.8938
0.8942	0.8946	0.8949	0.8953	0.8956
0.8960	0.8964	0.8967	0.8971	0.8975
0.8978	0.8982	0.8986	0.8989	0.8993
0.9000	0.9009	0.9018	0.9027	0.9036
0.9045	0.9054	0.9064	0.9073	1.0000

Transect C22

Area:

0.0086	0.0208	0.0336	0.0470	0.0610
0.0757	0.0909	0.1072	0.1244	0.1420
0.1597	0.1794	0.1998	0.2205	0.2415
0.2626	0.2837	0.3049	0.3260	0.3472
0.3685	0.3897	0.4110	0.4323	0.4536
0.4750	0.4963	0.5177	0.5392	0.5607
0.5822	0.6037	0.6253	0.6468	0.6684
0.6901	0.7118	0.7335	0.7552	0.7770
0.7988	0.8206	0.8425	0.8644	0.8863
0.9083	0.9303	0.9525	0.9756	1.0000

Hrad:

0.0270	0.0611	0.0947	0.1270	0.1573
0.1865	0.2138	0.2326	0.2619	0.2953
0.3286	0.3570	0.3849	0.4126	0.4403
0.4684	0.4967	0.5248	0.5528	0.5806
0.6081	0.6353	0.6622	0.6887	0.7150
0.7409	0.7664	0.7916	0.8165	0.8410
0.8652	0.8890	0.9125	0.9357	0.9585
0.9810	1.0032	1.0251	1.0466	1.0679
1.0888	1.1095	1.1299	1.1500	1.1699
1.1895	1.2088	1.2038	1.1778	1.0000

Width:

0.4721	0.5060	0.5279	0.5498	0.5752
0.6010	0.6300	0.6824	0.7011	0.7048
0.7636	0.8092	0.8249	0.8399	0.8475
0.8485	0.8495	0.8504	0.8515	0.8526
0.8536	0.8547	0.8558	0.8569	0.8578
0.8589	0.8601	0.8613	0.8626	0.8638
0.8650	0.8660	0.8671	0.8682	0.8694
0.8706	0.8719	0.8731	0.8744	0.8759
0.8773	0.8787	0.8800	0.8814	0.8828
0.8841	0.8855	0.9087	0.9541	1.0000

Transect C22_1

Area:

0.0034	0.0111	0.0219	0.0350	0.0503
0.0687	0.0893	0.1102	0.1310	0.1519
0.1728	0.1937	0.2146	0.2355	0.2565
0.2774	0.2984	0.3194	0.3404	0.3613
0.3823	0.4034	0.4244	0.4454	0.4664
0.4875	0.5085	0.5296	0.5506	0.5717
0.5928	0.6139	0.6350	0.6561	0.6772
0.6984	0.7195	0.7406	0.7618	0.7830
0.8041	0.8253	0.8465	0.8678	0.8890
0.9103	0.9316	0.9529	0.9754	1.0000

Hrad:

0.0235	0.0436	0.0696	0.0953	0.1183
0.1409	0.1712	0.2029	0.2346	0.2660
0.2969	0.3272	0.3569	0.3860	0.4145
0.4423	0.4695	0.4961	0.5221	0.5476
0.5725	0.5969	0.6207	0.6441	0.6670
0.6894	0.7114	0.7329	0.7540	0.7747
0.7950	0.8149	0.8344	0.8535	0.8723
0.8908	0.9089	0.9267	0.9442	0.9613
0.9782	0.9947	1.0110	1.0270	1.0428
1.0583	1.0735	1.0851	1.0334	1.0000

Width:

0.2172	0.3835	0.4707	0.5448	0.6669
0.7791	0.8199	0.8206	0.8214	0.8221
0.8228	0.8236	0.8241	0.8245	0.8248
0.8251	0.8255	0.8258	0.8262	0.8265
0.8269	0.8272	0.8275	0.8279	0.8282
0.8286	0.8289	0.8293	0.8296	0.8299
0.8303	0.8306	0.8310	0.8313	0.8317
0.8320	0.8323	0.8327	0.8330	0.8334
0.8342	0.8350	0.8357	0.8365	0.8373
0.8381	0.8389	0.8436	0.9277	1.0000

Transect C23
Area:

0.0072	0.0209	0.0354	0.0507	0.0675
0.0874	0.1080	0.1285	0.1491	0.1697
0.1903	0.2109	0.2315	0.2521	0.2727
0.2934	0.3140	0.3346	0.3553	0.3759
0.3965	0.4172	0.4379	0.4585	0.4792
0.4999	0.5206	0.5413	0.5620	0.5827
0.6034	0.6241	0.6449	0.6656	0.6863
0.7071	0.7278	0.7486	0.7694	0.7902
0.8110	0.8318	0.8527	0.8735	0.8943
0.9152	0.9361	0.9570	0.9779	1.0000

Hrad:

0.0321	0.0599	0.0895	0.1174	0.1411
0.1603	0.1850	0.2104	0.2359	0.2614
0.2867	0.3118	0.3367	0.3612	0.3855
0.4095	0.4332	0.4566	0.4797	0.5025
0.5251	0.5474	0.5695	0.5913	0.6128
0.6341	0.6552	0.6760	0.6967	0.7171
0.7373	0.7573	0.7771	0.7967	0.8162
0.8354	0.8545	0.8734	0.8921	0.9107
0.9291	0.9474	0.9655	0.9834	1.0013
1.0189	1.0365	1.0539	1.0712	1.0000

Width:

0.4782	0.5406	0.5695	0.6072	0.6828
0.7861	0.7864	0.7866	0.7868	0.7871
0.7873	0.7875	0.7878	0.7880	0.7882
0.7885	0.7887	0.7889	0.7892	0.7894
0.7896	0.7899	0.7901	0.7903	0.7906
0.7908	0.7910	0.7913	0.7915	0.7917
0.7920	0.7922	0.7924	0.7927	0.7931
0.7935	0.7939	0.7944	0.7948	0.7953
0.7957	0.7962	0.7966	0.7970	0.7975
0.7979	0.7984	0.7988	0.7993	1.0000

Transect C24
Area:

0.0077	0.0241	0.0437	0.0638	0.0840
0.1042	0.1244	0.1446	0.1649	0.1851
0.2054	0.2257	0.2460	0.2663	0.2866
0.3069	0.3272	0.3475	0.3679	0.3882
0.4085	0.4288	0.4492	0.4695	0.4899
0.5102	0.5306	0.5509	0.5713	0.5916
0.6120	0.6324	0.6527	0.6731	0.6935
0.7139	0.7343	0.7547	0.7751	0.7955
0.8159	0.8363	0.8567	0.8771	0.8975
0.9179	0.9384	0.9588	0.9792	1.0000

Hrad:

0.0259	0.0475	0.0695	0.0936	0.1180
0.1423	0.1665	0.1905	0.2142	0.2378
0.2611	0.2842	0.3071	0.3298	0.3523
0.3746	0.3967	0.4186	0.4403	0.4619
0.4832	0.5045	0.5255	0.5465	0.5672
0.5878	0.6083	0.6287	0.6489	0.6690
0.6889	0.7088	0.7285	0.7481	0.7676
0.7870	0.8063	0.8254	0.8445	0.8635
0.8824	0.9012	0.9199	0.9385	0.9570
0.9755	0.9938	1.0121	1.0303	1.0000

Width:

0.5490	0.7807	0.8560	0.8567	0.8573
0.8580	0.8586	0.8593	0.8599	0.8606
0.8612	0.8619	0.8620	0.8622	0.8624
0.8625	0.8627	0.8629	0.8630	0.8632
0.8633	0.8635	0.8637	0.8638	0.8640
0.8642	0.8643	0.8645	0.8646	0.8648
0.8650	0.8651	0.8653	0.8655	0.8656
0.8658	0.8659	0.8661	0.8663	0.8664
0.8666	0.8668	0.8669	0.8671	0.8672
0.8674	0.8676	0.8677	0.8679	1.0000

Transect C25_1
Area:

0.0020	0.0073	0.0159	0.0266	0.0388
0.0523	0.0669	0.0823	0.0987	0.1161
0.1344	0.1533	0.1726	0.1920	0.2116
0.2313	0.2512	0.2714	0.2917	0.3122
0.3328	0.3536	0.3746	0.3958	0.4172
0.4387	0.4604	0.4822	0.5042	0.5264
0.5487	0.5712	0.5938	0.6166	0.6396
0.6627	0.6859	0.7094	0.7330	0.7567
0.7805	0.8045	0.8285	0.8527	0.8770
0.9014	0.9259	0.9505	0.9752	1.0000

Hrad:

0.0142	0.0263	0.0399	0.0573	0.0748
0.0928	0.1110	0.1288	0.1456	0.1611
0.1798	0.1989	0.2219	0.2450	0.2679
0.2902	0.3118	0.3336	0.3558	0.3778
0.3996	0.4210	0.4419	0.4623	0.4835
0.5049	0.5263	0.5476	0.5683	0.5890
0.6089	0.6291	0.6500	0.6707	0.6908
0.7104	0.7301	0.7502	0.7709	0.7912
0.8122	0.8333	0.8543	0.8751	0.8959
0.9165	0.9374	0.9584	0.9791	1.0000

Width:

0.1381	0.2799	0.3975	0.4644	0.5202
0.5648	0.6034	0.6396	0.6784	0.7215
0.7484	0.7714	0.7784	0.7842	0.7904
0.7977	0.8063	0.8141	0.8203	0.8268
0.8333	0.8404	0.8482	0.8566	0.8633
0.8694	0.8752	0.8810	0.8876	0.8941
0.9015	0.9084	0.9140	0.9198	0.9261
0.9331	0.9399	0.9460	0.9511	0.9566
0.9613	0.9657	0.9700	0.9745	0.9790
0.9836	0.9878	0.9918	0.9960	1.0000

Transect C26
Area:

0.0005	0.0024	0.0056	0.0098	0.0152
0.0215	0.0284	0.0361	0.0444	0.0535
0.0632	0.0734	0.0842	0.0956	0.1075
0.1202	0.1334	0.1473	0.1617	0.1768
0.1926	0.2094	0.2271	0.2459	0.2660
0.2871	0.3092	0.3321	0.3560	0.3804
0.4055	0.4311	0.4572	0.4840	0.5112
0.5388	0.5669	0.5954	0.6243	0.6538
0.6839	0.7145	0.7457	0.7777	0.8105
0.8458	0.8831	0.9212	0.9601	1.0000

Hrad:

0.0197	0.0384	0.0625	0.0862	0.1098
0.1369	0.1650	0.1908	0.2150	0.2403
0.2672	0.2947	0.3210	0.3466	0.3685
0.3911	0.4156	0.4388	0.4613	0.4830
0.4995	0.5120	0.5260	0.5323	0.5430
0.5594	0.5792	0.5988	0.6205	0.6460
0.6738	0.7017	0.7269	0.7532	0.7827
0.8118	0.8410	0.8699	0.8963	0.9211
0.9446	0.9675	0.9893	1.0065	1.0094
0.9619	0.9812	1.0034	1.0238	1.0000

Width:

0.0267	0.0620	0.0898	0.1151	0.1399
0.1582	0.1738	0.1905	0.2081	0.2242
0.2382	0.2509	0.2640	0.2774	0.2936
0.3091	0.3229	0.3375	0.3525	0.3681
0.3877	0.4112	0.4341	0.4646	0.4928
0.5164	0.5370	0.5577	0.5764	0.5915
0.6042	0.6164	0.6309	0.6442	0.6545
0.6648	0.6748	0.6849	0.6968	0.7097
0.7237	0.7379	0.7530	0.7717	0.8021
0.8793	0.8999	0.9177	0.9372	1.0000

Transect C27
Area:

0.0070	0.0168	0.0282	0.0411	0.0557
0.0712	0.0871	0.1033	0.1205	0.1387
0.1578	0.1773	0.1974	0.2181	0.2388
0.2597	0.2808	0.3020	0.3235	0.3450
0.3666	0.3881	0.4097	0.4313	0.4530
0.4746	0.4962	0.5179	0.5396	0.5613
0.5830	0.6047	0.6264	0.6482	0.6700
0.6917	0.7135	0.7354	0.7572	0.7791
0.8011	0.8230	0.8450	0.8671	0.8891
0.9112	0.9334	0.9555	0.9777	1.0000

Hrad:

0.0174	0.0358	0.0525	0.0680	0.0818
0.1024	0.1224	0.1409	0.1548	0.1724
0.1835	0.2026	0.2163	0.2373	0.2584
0.2794	0.2990	0.3185	0.3388	0.3607
0.3826	0.4047	0.4267	0.4486	0.4707
0.4926	0.5146	0.5365	0.5584	0.5802
0.6020	0.6237	0.6455	0.6672	0.6888
0.7103	0.7316	0.7529	0.7736	0.7944
0.8152	0.8361	0.8570	0.8778	0.8984
0.9187	0.9391	0.9595	0.9798	1.0000

Width:

0.4077	0.4762	0.5448	0.6116	0.6892
0.7036	0.7196	0.7424	0.7959	0.8380
0.8702	0.8854	0.9235	0.9296	0.9351
0.9404	0.9501	0.9592	0.9657	0.9672
0.9682	0.9691	0.9699	0.9706	0.9712
0.9718	0.9724	0.9731	0.9736	0.9742
0.9749	0.9756	0.9763	0.9769	0.9777
0.9785	0.9796	0.9807	0.9825	0.9840
0.9856	0.9869	0.9883	0.9897	0.9913
0.9931	0.9949	0.9965	0.9983	1.0000

Transect C28
Area:

0.0016	0.0055	0.0107	0.0173	0.0249
0.0334	0.0426	0.0524	0.0628	0.0738

0.0857	0.0982	0.1113	0.1250	0.1394
0.1543	0.1701	0.1865	0.2036	0.2212
0.2396	0.2585	0.2777	0.2973	0.3174
0.3377	0.3584	0.3794	0.4008	0.4224
0.4442	0.4663	0.4887	0.5114	0.5344
0.5578	0.5816	0.6059	0.6308	0.6563
0.6825	0.7095	0.7378	0.7680	0.8002
0.8348	0.8722	0.9120	0.9541	1.0000

Hrad:

0.0246	0.0585	0.0864	0.1168	0.1480
0.1814	0.2156	0.2498	0.2842	0.3062
0.3370	0.3699	0.3990	0.4280	0.4578
0.4832	0.5075	0.5343	0.5646	0.5891
0.6174	0.6537	0.6869	0.7176	0.7551
0.7922	0.8267	0.8594	0.8963	0.9342
0.9717	1.0070	1.0417	1.0748	1.1059
1.1356	1.1638	1.1835	1.2036	1.2220
1.2335	1.2386	1.2066	1.1841	1.1526
1.1063	1.0858	1.0713	1.0455	1.0000

Width:

0.0658	0.0937	0.1245	0.1481	0.1685
0.1842	0.1978	0.2099	0.2209	0.2410
0.2544	0.2655	0.2789	0.2921	0.3044
0.3194	0.3350	0.3490	0.3605	0.3754
0.3880	0.3953	0.4041	0.4142	0.4201
0.4261	0.4333	0.4413	0.4469	0.4519
0.4569	0.4628	0.4689	0.4756	0.4830
0.4910	0.4995	0.5117	0.5239	0.5369
0.5531	0.5726	0.6113	0.6484	0.6941
0.7544	0.8032	0.8512	0.9126	1.0000

Transect C30

Area:

0.0003	0.0014	0.0037	0.0074	0.0120
0.0182	0.0261	0.0352	0.0467	0.0618
0.0797	0.0980	0.1166	0.1354	0.1545
0.1738	0.1933	0.2130	0.2330	0.2534
0.2741	0.2950	0.3162	0.3376	0.3592
0.3810	0.4031	0.4255	0.4482	0.4713
0.4948	0.5185	0.5424	0.5666	0.5912
0.6162	0.6415	0.6671	0.6930	0.7191
0.7455	0.7722	0.7992	0.8267	0.8546
0.8828	0.9114	0.9405	0.9701	1.0000

Hrad:

0.0152	0.0304	0.0359	0.0539	0.0704
0.0762	0.0932	0.1012	0.1178	0.1051
0.1337	0.1614	0.1888	0.2163	0.2439
0.2712	0.2983	0.3242	0.3486	0.3726
0.3980	0.4237	0.4491	0.4743	0.4988
0.5228	0.5467	0.5696	0.5889	0.6083
0.6317	0.6549	0.6780	0.6990	0.7169
0.7357	0.7577	0.7796	0.8013	0.8222
0.8429	0.8634	0.8803	0.8961	0.9137
0.9319	0.9488	0.9603	0.9780	1.0000

Width:

0.0228	0.0455	0.1046	0.1390	0.1730
0.2415	0.2837	0.3526	0.4139	0.5951
0.6038	0.6141	0.6244	0.6328	0.6399
0.6470	0.6541	0.6629	0.6743	0.6857
0.6940	0.7015	0.7089	0.7163	0.7245
0.7329	0.7413	0.7508	0.7647	0.7783
0.7865	0.7947	0.8029	0.8133	0.8272
0.8399	0.8488	0.8577	0.8666	0.8762
0.8858	0.8955	0.9089	0.9235	0.9361
0.9479	0.9610	0.9798	0.9922	1.0000

Transect C31

Area:

0.0043	0.0127	0.0244	0.0379	0.0522
0.0670	0.0824	0.0981	0.1143	0.1308
0.1476	0.1646	0.1820	0.1996	0.2174
0.2355	0.2538	0.2723	0.2910	0.3099
0.3291	0.3484	0.3679	0.3876	0.4076
0.4278	0.4482	0.4689	0.4899	0.5112
0.5329	0.5548	0.5772	0.5998	0.6226
0.6457	0.6691	0.6927	0.7165	0.7407
0.7651	0.7899	0.8149	0.8403	0.8659
0.8919	0.9183	0.9450	0.9722	1.0000

Hrad:

0.0181	0.0358	0.0547	0.0776	0.1023
0.1272	0.1515	0.1757	0.2001	0.2244
0.2489	0.2732	0.2972	0.3212	0.3453
0.3691	0.3927	0.4165	0.4400	0.4633
0.4866	0.5097	0.5326	0.5550	0.5770
0.5987	0.6179	0.6381	0.6572	0.6747
0.6918	0.7092	0.7272	0.7464	0.7662
0.7854	0.8049	0.8247	0.8437	0.8596
0.8784	0.8948	0.9119	0.9284	0.9446
0.9594	0.9733	0.9864	0.9966	1.0000

Width:

0.2415	0.3603	0.4545	0.4965	0.5195
0.5362	0.5528	0.5675	0.5801	0.5916
0.6017	0.6113	0.6208	0.6297	0.6379
0.6459	0.6540	0.6614	0.6688	0.6762
0.6833	0.6904	0.6974	0.7050	0.7128
0.7207	0.7314	0.7408	0.7511	0.7631
0.7754	0.7872	0.7982	0.8077	0.8165
0.8258	0.8345	0.8429	0.8519	0.8640
0.8731	0.8845	0.8951	0.9062	0.9176
0.9303	0.9439	0.9583	0.9756	1.0000

Transect C35

Area:

0.0024	0.0074	0.0158	0.0256	0.0364
0.0480	0.0630	0.0819	0.1011	0.1204
0.1400	0.1596	0.1795	0.1996	0.2199
0.2403	0.2609	0.2816	0.3023	0.3231
0.3439	0.3648	0.3857	0.4067	0.4277
0.4488	0.4700	0.4913	0.5126	0.5340
0.5554	0.5770	0.5986	0.6204	0.6424
0.6645	0.6868	0.7094	0.7321	0.7551
0.7784	0.8020	0.8258	0.8500	0.8743
0.8989	0.9237	0.9488	0.9742	1.0000

Hrad:

0.0178	0.0295	0.0471	0.0684	0.0896
0.1101	0.0924	0.1185	0.1447	0.1707
0.1965	0.2219	0.2467	0.2717	0.2962
0.3202	0.3458	0.3714	0.3968	0.4221
0.4472	0.4721	0.4968	0.5213	0.5457
0.5695	0.5932	0.6166	0.6400	0.6632
0.6859	0.7081	0.7296	0.7498	0.7695
0.7885	0.8065	0.8236	0.8404	0.8564
0.8710	0.8863	0.9002	0.9165	0.9336
0.9481	0.9646	0.9791	0.9910	1.0000

Width:

0.1430	0.2653	0.3561	0.3972	0.4303
0.4794	0.7231	0.7327	0.7403	0.7468
0.7532	0.7604	0.7686	0.7754	0.7830
0.7910	0.7935	0.7956	0.7976	0.7995
0.8015	0.8035	0.8056	0.8077	0.8099
0.8127	0.8155	0.8183	0.8210	0.8238
0.8270	0.8307	0.8351	0.8409	0.8472
0.8540	0.8619	0.8707	0.8796	0.8894
0.9006	0.9109	0.9227	0.9319	0.9400
0.9508	0.9594	0.9701	0.9834	1.0000

Transect C35_1

Area:

0.0008	0.0038	0.0084	0.0142	0.0209
0.0285	0.0368	0.0457	0.0553	0.0657
0.0766	0.0880	0.0998	0.1121	0.1247
0.1378	0.1515	0.1661	0.1831	0.2046
0.2297	0.2549	0.2802	0.3056	0.3311
0.3567	0.3823	0.4081	0.4340	0.4600
0.4861	0.5123	0.5386	0.5649	0.5914
0.6179	0.6445	0.6712	0.6979	0.7247
0.7516	0.7787	0.8058	0.8330	0.8604
0.8878	0.9154	0.9433	0.9715	1.0000

Hrad:

0.0144	0.0282	0.0476	0.0656	0.0853
0.1048	0.1250	0.1440	0.1612	0.1804
0.2001	0.2204	0.2414	0.2619	0.2811
0.2998	0.3132	0.3136	0.3077	0.2988
0.2825	0.3068	0.3316	0.3573	0.3832
0.4089	0.4341	0.4593	0.4848	0.5103
0.5365	0.5628	0.5890	0.6150	0.6410
0.6671	0.6936	0.7201	0.7465	0.7718
0.7969	0.8222	0.8476	0.8730	0.8983
0.9237	0.9445	0.9620	0.9807	1.0000

Width:

0.0559	0.1341	0.1793	0.2207	0.2504
0.2767	0.2985	0.3227	0.3503	0.3711
0.3897	0.4059	0.4194	0.4332	0.4487
0.4647	0.4886	0.5370	0.6702	0.8398
0.8768	0.8808	0.8845	0.8873	0.8901
0.8931	0.8972	0.9012	0.9051	0.9089
0.9117	0.9144	0.9172	0.9203	0.9234
0.9262	0.9286	0.9310	0.9333	0.9369
0.9408	0.9443	0.9478	0.9513	0.9547
0.9581	0.9662	0.9783	0.9894	1.0000

Transect C35_2

Area:

0.0030	0.0083	0.0149	0.0226	0.0312
0.0408	0.0513	0.0625	0.0745	0.0877
0.1025	0.1184	0.1351	0.1524	0.1701
0.1883	0.2068	0.2257	0.2450	0.2647
0.2847	0.3051	0.3257	0.3467	0.3680
0.3895	0.4113	0.4335	0.4560	0.4787
0.5018	0.5251	0.5488	0.5727	0.5970
0.6215	0.6464	0.6716	0.6971	0.7227
0.7487	0.7750	0.8017	0.8287	0.8562
0.8842	0.9126	0.9414	0.9705	1.0000

Hrad:

0.0307	0.0611	0.0888	0.1142	0.1364
0.1566	0.1770	0.1957	0.2126	0.2306
0.2549	0.2783	0.3010	0.3236	0.3462
0.3688	0.3909	0.4131	0.4339	0.4554
0.4768	0.4979	0.5189	0.5397	0.5605
0.5813	0.6016	0.6206	0.6403	0.6600

0.6796	0.6986	0.7177	0.7364	0.7549
0.7734	0.7904	0.8086	0.8271	0.8455
0.8633	0.8792	0.8951	0.9103	0.9254
0.9393	0.9543	0.9700	0.9849	1.0000

Width:

0.1521	0.2034	0.2407	0.2733	0.3075
0.3390	0.3645	0.3914	0.4207	0.4733
0.5201	0.5495	0.5726	0.5910	0.6053
0.6180	0.6306	0.6420	0.6573	0.6689
0.6798	0.6907	0.7011	0.7117	0.7211
0.7301	0.7395	0.7518	0.7620	0.7714
0.7812	0.7916	0.8016	0.8117	0.8219
0.8314	0.8436	0.8529	0.8612	0.8696
0.8790	0.8918	0.9047	0.9191	0.9334
0.9497	0.9631	0.9745	0.9874	1.0000

Transect C37

Area:

0.0063	0.0153	0.0254	0.0365	0.0489
0.0628	0.0780	0.0955	0.1160	0.1374
0.1588	0.1802	0.2016	0.2230	0.2444
0.2658	0.2873	0.3087	0.3301	0.3516
0.3730	0.3945	0.4159	0.4374	0.4588
0.4803	0.5018	0.5232	0.5447	0.5662
0.5877	0.6092	0.6307	0.6522	0.6737
0.6952	0.7167	0.7383	0.7598	0.7813
0.8028	0.8244	0.8459	0.8675	0.8890
0.9106	0.9321	0.9537	0.9758	1.0000

Hrad:

0.0374	0.0794	0.1166	0.1496	0.1783
0.2031	0.2243	0.2375	0.2507	0.2684
0.2880	0.3084	0.3294	0.3506	0.3719
0.3933	0.4145	0.4357	0.4568	0.4777
0.4985	0.5191	0.5395	0.5598	0.5800
0.5999	0.6198	0.6394	0.6590	0.6783
0.6976	0.7167	0.7356	0.7544	0.7731
0.7917	0.8101	0.8284	0.8467	0.8647
0.8827	0.9006	0.9184	0.9360	0.9536
0.9711	0.9885	1.0058	1.0062	1.0000

Width:

0.3200	0.3745	0.4143	0.4588	0.5114
0.5671	0.6316	0.7569	0.8328	0.8355
0.8357	0.8359	0.8360	0.8362	0.8364
0.8366	0.8368	0.8369	0.8371	0.8373
0.8375	0.8376	0.8378	0.8380	0.8382
0.8384	0.8385	0.8387	0.8389	0.8391
0.8393	0.8394	0.8396	0.8398	0.8400
0.8401	0.8403	0.8405	0.8407	0.8409
0.8410	0.8412	0.8414	0.8416	0.8418
0.8419	0.8421	0.8423	0.9004	1.0000

Transect C38

Area:

0.0043	0.0114	0.0196	0.0284	0.0376
0.0473	0.0574	0.0678	0.0787	0.0899
0.1015	0.1134	0.1257	0.1384	0.1515
0.1653	0.1834	0.2043	0.2254	0.2466
0.2680	0.2895	0.3112	0.3331	0.3551
0.3772	0.3996	0.4221	0.4447	0.4675
0.4905	0.5137	0.5369	0.5604	0.5840
0.6078	0.6318	0.6559	0.6803	0.7048
0.7295	0.7544	0.7797	0.8060	0.8345
0.8646	0.8960	0.9290	0.9637	1.0000

Hrad:

0.0223	0.0480	0.0747	0.1016	0.1285
0.1548	0.1803	0.2049	0.2289	0.2530
0.2767	0.2997	0.3218	0.3426	0.3608
0.3728	0.3761	0.3959	0.4202	0.4470
0.4754	0.5048	0.5350	0.5657	0.5967
0.6276	0.6585	0.6894	0.7203	0.7511
0.7817	0.8122	0.8425	0.8724	0.9018
0.9306	0.9590	0.9871	1.0149	1.0425
1.0692	1.0929	1.1059	1.0788	1.0358
1.0331	1.0306	1.0136	1.0094	1.0000

Width:

0.1687	0.2071	0.2279	0.2423	0.2538
0.2642	0.2747	0.2854	0.2959	0.3056
0.3149	0.3245	0.3347	0.3458	0.3593
0.3793	0.5580	0.5623	0.5664	0.5706
0.5748	0.5791	0.5834	0.5876	0.5918
0.5961	0.6005	0.6049	0.6092	0.6134
0.6177	0.6220	0.6262	0.6304	0.6350
0.6397	0.6446	0.6495	0.6545	0.6594
0.6647	0.6719	0.6861	0.7291	0.7909
0.8236	0.8579	0.9092	0.9503	1.0000

Transect C39

Area:

0.0095	0.0239	0.0405	0.0597	0.0790
0.0984	0.1178	0.1374	0.1574	0.1774
0.1975	0.2176	0.2377	0.2578	0.2779
0.2981	0.3183	0.3385	0.3587	0.3789
0.3992	0.4194	0.4397	0.4599	0.4802
0.5005	0.5208	0.5411	0.5614	0.5818
0.6021	0.6224	0.6428	0.6632	0.6836
0.7040	0.7244	0.7448	0.7652	0.7856
0.8061	0.8265	0.8470	0.8675	0.8883
0.9095	0.9310	0.9530	0.9760	1.0000

Hrad:

0.0214	0.0442	0.0648	0.0886	0.1163
0.1436	0.1705	0.1967	0.2219	0.2467
0.2713	0.2954	0.3193	0.3428	0.3659
0.3887	0.4112	0.4334	0.4553	0.4769
0.4982	0.5192	0.5400	0.5605	0.5807
0.6007	0.6205	0.6399	0.6592	0.6782
0.6969	0.7155	0.7338	0.7519	0.7697
0.7874	0.8048	0.8221	0.8391	0.8559
0.8726	0.8890	0.9053	0.9213	0.9367
0.9514	0.9656	0.9788	0.9907	1.0000

Width:

0.5208	0.6353	0.7342	0.7868	0.7882
0.7896	0.7898	0.8129	0.8139	0.8150
0.8160	0.8170	0.8181	0.8191	0.8202
0.8212	0.8219	0.8223	0.8227	0.8231
0.8236	0.8240	0.8244	0.8248	0.8252
0.8257	0.8261	0.8265	0.8269	0.8274
0.8278	0.8282	0.8286	0.8290	0.8295
0.8299	0.8303	0.8307	0.8312	0.8316
0.8320	0.8324	0.8328	0.8383	0.8549
0.8680	0.8843	0.9109	0.9574	1.0000

Transect C4

Area:

0.0010	0.0041	0.0117	0.0223	0.0336
0.0452	0.0573	0.0698	0.0826	0.0959
0.1095	0.1237	0.1383	0.1536	0.1693
0.1855	0.2020	0.2189	0.2360	0.2533
0.2710	0.2889	0.3071	0.3259	0.3454
0.3654	0.3857	0.4063	0.4272	0.4483
0.4697	0.4914	0.5133	0.5355	0.5580
0.5809	0.6040	0.6276	0.6516	0.6762
0.7020	0.7310	0.7622	0.7949	0.8282
0.8621	0.8963	0.9307	0.9653	1.0000

Hrad:

0.0185	0.0289	0.0390	0.0666	0.0957
0.1248	0.1527	0.1796	0.2061	0.2314
0.2563	0.2792	0.3001	0.3198	0.3424
0.3666	0.3909	0.4153	0.4402	0.4647
0.4887	0.5123	0.5346	0.5396	0.5591
0.5798	0.6020	0.6238	0.6468	0.6699
0.6921	0.7147	0.7358	0.7574	0.7774
0.7975	0.8164	0.8327	0.8454	0.8524
0.8156	0.8074	0.8062	0.8318	0.8597
0.8874	0.9153	0.9434	0.9716	1.0000

Width:

0.0510	0.1350	0.2843	0.3158	0.3305
0.3410	0.3521	0.3638	0.3750	0.3870
0.3986	0.4128	0.4291	0.4467	0.4598
0.4698	0.4792	0.4879	0.4953	0.5029
0.5107	0.5185	0.5277	0.5549	0.5674
0.5784	0.5874	0.5965	0.6041	0.6112
0.6190	0.6261	0.6346	0.6425	0.6517
0.6607	0.6707	0.6831	0.6988	0.7197
0.7877	0.8671	0.9279	0.9462	0.9683
0.9795	0.9856	0.9913	0.9954	1.0000

Transect C40

Area:

0.0030	0.0084	0.0153	0.0233	0.0323
0.0422	0.0527	0.0640	0.0759	0.0885
0.1019	0.1159	0.1305	0.1455	0.1609
0.1768	0.1930	0.2097	0.2266	0.2441
0.2619	0.2803	0.2994	0.3193	0.3398
0.3609	0.3824	0.4045	0.4270	0.4501
0.4737	0.4980	0.5228	0.5481	0.5740
0.6004	0.6274	0.6549	0.6827	0.7107
0.7389	0.7672	0.7956	0.8243	0.8531
0.8820	0.9112	0.9406	0.9702	1.0000

Hrad:

0.0203	0.0407	0.0614	0.0818	0.1024
0.1236	0.1446	0.1654	0.1855	0.2034
0.2233	0.2420	0.2634	0.2862	0.3077
0.3297	0.3508	0.3734	0.3945	0.4139
0.4323	0.4488	0.4589	0.4717	0.4891
0.5060	0.5248	0.5428	0.5602	0.5764
0.5912	0.6067	0.6237	0.6410	0.6574
0.6721	0.6867	0.7065	0.7318	0.7573
0.7828	0.8084	0.8335	0.8584	0.8834
0.9082	0.9303	0.9529	0.9762	1.0000

Width:

0.1495	0.2074	0.2498	0.2856	0.3161
0.3416	0.3651	0.3872	0.4094	0.4357
0.4567	0.4793	0.4958	0.5088	0.5235
0.5367	0.5506	0.5618	0.5749	0.5901
0.6063	0.6250	0.6527	0.6772	0.6950
0.7134	0.7290	0.7455	0.7624	0.7811
0.8015	0.8210	0.8384	0.8553	0.8733
0.8935	0.9138	0.9272	0.9331	0.9387
0.9440	0.9491	0.9547	0.9603	0.9657
0.9712	0.9795	0.9871	0.9939	1.0000

Transect C44
Area:

0.0020	0.0073	0.0159	0.0266	0.0388
0.0523	0.0669	0.0823	0.0987	0.1161
0.1344	0.1533	0.1726	0.1920	0.2116
0.2313	0.2512	0.2714	0.2917	0.3122
0.3328	0.3536	0.3746	0.3958	0.4172
0.4387	0.4604	0.4822	0.5042	0.5264
0.5487	0.5712	0.5938	0.6166	0.6396
0.6627	0.6859	0.7094	0.7330	0.7567
0.7805	0.8045	0.8285	0.8527	0.8770
0.9014	0.9259	0.9505	0.9752	1.0000

Hrad:

0.0136	0.0249	0.0382	0.0552	0.0725
0.0904	0.1084	0.1263	0.1433	0.1595
0.1784	0.1977	0.2202	0.2430	0.2655
0.2875	0.3090	0.3306	0.3528	0.3747
0.3965	0.4179	0.4389	0.4595	0.4808
0.5022	0.5237	0.5451	0.5660	0.5868
0.6070	0.6273	0.6484	0.6692	0.6896
0.7094	0.7293	0.7496	0.7705	0.7909
0.8119	0.8331	0.8541	0.8750	0.8958
0.9165	0.9374	0.9584	0.9791	1.0000

Width:

0.1381	0.2799	0.3975	0.4644	0.5202
0.5648	0.6034	0.6396	0.6784	0.7215
0.7484	0.7714	0.7784	0.7842	0.7904
0.7977	0.8063	0.8141	0.8203	0.8268
0.8333	0.8404	0.8482	0.8566	0.8633
0.8694	0.8752	0.8810	0.8876	0.8941
0.9015	0.9084	0.9140	0.9198	0.9261
0.9331	0.9399	0.9460	0.9511	0.9566
0.9613	0.9657	0.9700	0.9745	0.9790
0.9836	0.9878	0.9918	0.9960	1.0000

Transect C45
Area:

0.0009	0.0029	0.0057	0.0091	0.0130
0.0176	0.0230	0.0292	0.0361	0.0438
0.0520	0.0608	0.0701	0.0802	0.0912
0.1030	0.1156	0.1292	0.1439	0.1598
0.1777	0.1963	0.2153	0.2348	0.2547
0.2754	0.2968	0.3193	0.3435	0.3682
0.3933	0.4188	0.4449	0.4719	0.5000
0.5296	0.5605	0.5919	0.6238	0.6563
0.6894	0.7231	0.7571	0.7912	0.8255
0.8600	0.8946	0.9295	0.9647	1.0000

Hrad:

0.0221	0.0423	0.0655	0.0885	0.1100
0.1257	0.1428	0.1596	0.1770	0.1964
0.2195	0.2420	0.2620	0.2702	0.2854
0.3027	0.3178	0.3279	0.3391	0.3404
0.3465	0.3739	0.4014	0.4274	0.4494
0.4693	0.4854	0.4916	0.5011	0.5287
0.5566	0.5828	0.6023	0.6137	0.6216
0.6240	0.6436	0.6690	0.6943	0.7174
0.7351	0.7652	0.7951	0.8253	0.8555
0.8855	0.9146	0.9435	0.9721	1.0000

Width:

0.0416	0.0688	0.0877	0.1036	0.1194
0.1416	0.1629	0.1849	0.2064	0.2256
0.2398	0.2540	0.2704	0.2999	0.3231
0.3442	0.3679	0.3983	0.4290	0.4746
0.5186	0.5306	0.5420	0.5548	0.5725
0.5927	0.6175	0.6562	0.6925	0.7035
0.7135	0.7256	0.7457	0.7764	0.8123
0.8573	0.8797	0.8937	0.9076	0.9240
0.9473	0.9534	0.9595	0.9649	0.9701
0.9753	0.9813	0.9873	0.9934	1.0000

Transect C52
Area:

0.0025	0.0080	0.0150	0.0232	0.0324
0.0423	0.0530	0.0647	0.0775	0.0910
0.1051	0.1198	0.1350	0.1508	0.1672
0.1842	0.2017	0.2197	0.2383	0.2574
0.2772	0.2975	0.3184	0.3399	0.3618
0.3843	0.4072	0.4304	0.4540	0.4779
0.5021	0.5266	0.5516	0.5768	0.6020
0.6274	0.6529	0.6784	0.7041	0.7300
0.7560	0.7823	0.8089	0.8357	0.8626
0.8896	0.9169	0.9443	0.9720	1.0000

Hrad:

0.0195	0.0453	0.0688	0.0944	0.1208
0.1523	0.1839	0.2119	0.2371	0.2612
0.2848	0.3077	0.3301	0.3514	0.3720
0.3922	0.4122	0.4319	0.4506	0.4684
0.4857	0.5029	0.5200	0.5368	0.5537
0.5704	0.5878	0.6053	0.6231	0.6408
0.6581	0.6747	0.6913	0.7103	0.7296
0.7491	0.7685	0.7879	0.8064	0.8247
0.8425	0.8599	0.8773	0.8958	0.9146
0.9334	0.9513	0.9692	0.9854	1.0000

Width:

0.1593	0.2221	0.2740	0.3099	0.3376
0.3628	0.3945	0.4340	0.4677	0.4903
0.5091	0.5288	0.5472	0.5695	0.5916
0.6114	0.6292	0.6461	0.6662	0.6889
0.7107	0.7306	0.7495	0.7683	0.7856
0.8032	0.8167	0.8287	0.8393	0.8501
0.8620	0.8761	0.8896	0.8934	0.8963
0.8993	0.9027	0.9065	0.9124	0.9189
0.9266	0.9354	0.9439	0.9499	0.9552
0.9603	0.9675	0.9746	0.9855	1.0000

Transect C7
Area:

0.0010	0.0028	0.0050	0.0074	0.0103
0.0135	0.0188	0.0320	0.0471	0.0631
0.0797	0.0968	0.1145	0.1326	0.1512
0.1705	0.1906	0.2109	0.2314	0.2522
0.2733	0.2946	0.3161	0.3379	0.3600
0.3823	0.4049	0.4277	0.4508	0.4742
0.4978	0.5217	0.5459	0.5703	0.5950
0.6200	0.6453	0.6708	0.6967	0.7227
0.7491	0.7758	0.8027	0.8300	0.8575
0.8854	0.9134	0.9418	0.9706	1.0000

Hrad:

0.0433	0.0881	0.1311	0.1696	0.2062
0.2356	0.2465	0.2037	0.2003	0.2112
0.2281	0.2477	0.2687	0.2899	0.3106
0.3286	0.3501	0.3733	0.3963	0.4194
0.4422	0.4650	0.4875	0.5099	0.5318
0.5537	0.5751	0.5964	0.6174	0.6383
0.6588	0.6793	0.6993	0.7192	0.7387
0.7581	0.7770	0.7961	0.8150	0.8336
0.8516	0.8694	0.8874	0.9050	0.9224
0.9401	0.9573	0.9736	0.9878	1.0000

Width:

0.0506	0.0662	0.0779	0.0900	0.1020
0.1171	0.3206	0.4903	0.5236	0.5491
0.5676	0.5852	0.6003	0.6174	0.6368
0.6651	0.6788	0.6868	0.6954	0.7035
0.7124	0.7199	0.7284	0.7366	0.7457
0.7543	0.7637	0.7723	0.7816	0.7902
0.7995	0.8077	0.8172	0.8262	0.8357
0.8449	0.8550	0.8637	0.8722	0.8813
0.8920	0.9022	0.9114	0.9212	0.9309
0.9393	0.9487	0.9601	0.9773	1.0000

Transect C9
Area:

0.0032	0.0092	0.0160	0.0234	0.0313
0.0395	0.0479	0.0567	0.0658	0.0752
0.0849	0.0950	0.1055	0.1168	0.1288
0.1416	0.1551	0.1697	0.1851	0.2013
0.2181	0.2355	0.2538	0.2728	0.2924
0.3128	0.3338	0.3555	0.3782	0.4019
0.4263	0.4516	0.4776	0.5044	0.5324
0.5609	0.5898	0.6190	0.6487	0.6787
0.7091	0.7398	0.7709	0.8023	0.8341
0.8663	0.8990	0.9322	0.9658	1.0000

Hrad:

0.0226	0.0527	0.0832	0.1143	0.1448
0.1755	0.2051	0.2337	0.2620	0.2895
0.3154	0.3384	0.3704	0.4032	0.4329
0.4600	0.4848	0.5068	0.5275	0.5471
0.5663	0.5843	0.6015	0.6181	0.6343
0.6503	0.6659	0.6801	0.6928	0.7053
0.7183	0.7314	0.7440	0.7548	0.7658
0.7811	0.7963	0.8119	0.8276	0.8435
0.8595	0.8757	0.8917	0.9080	0.9241
0.9397	0.9550	0.9702	0.9853	1.0000

Width:

0.1522	0.1889	0.2086	0.2217	0.2329
0.2419	0.2509	0.2601	0.2686	0.2772
0.2867	0.2985	0.3155	0.3365	0.3597
0.3830	0.4075	0.4367	0.4578	0.4790
0.4971	0.5190	0.5408	0.5618	0.5815
0.6008	0.6200	0.6446	0.6726	0.6988
0.7226	0.7439	0.7670	0.7962	0.8240
0.8327	0.8446	0.8551	0.8665	0.8774
0.8877	0.8976	0.9085	0.9181	0.9291
0.9422	0.9566	0.9706	0.9844	1.0000

Transect DT01
Area:

0.0006	0.0014	0.0023	0.0046	0.0092
0.0145	0.0203	0.0264	0.0329	0.0398
0.0484	0.0604	0.0749	0.0896	0.1045
0.1195	0.1347	0.1504	0.1666	0.1842
0.2023	0.2204	0.2385	0.2567	0.2748
0.2931	0.3135	0.3387	0.3654	0.3922
0.4191	0.4459	0.4728	0.4997	0.5267
0.5537	0.5823	0.6127	0.6432	0.6736
0.7042	0.7348	0.7654	0.7961	0.8276
0.8601	0.8936	0.9282	0.9636	1.0000

Hrad:

0.0705	0.1191	0.1591	0.1504	0.1524

0.1794	0.2125	0.2468	0.2812	0.3043
0.2954	0.2991	0.3216	0.3513	0.3830
0.4148	0.4429	0.4661	0.4890	0.4975
0.5324	0.5669	0.6009	0.6344	0.6673
0.6994	0.7245	0.7368	0.7502	0.7669
0.7860	0.8066	0.8284	0.8509	0.8740
0.8975	0.7737	0.8004	0.8270	0.8536
0.8800	0.9063	0.9320	0.9291	0.9335
0.9411	0.9539	0.9675	0.9836	1.0000

Width:

0.0184	0.0227	0.0270	0.1118	0.1360
0.1508	0.1617	0.1716	0.1808	0.2013
0.2798	0.3557	0.3994	0.4022	0.4055
0.4098	0.4185	0.4336	0.4504	0.4905
0.4913	0.4922	0.4931	0.4938	0.4943
0.5153	0.6057	0.7266	0.7276	0.7286
0.7292	0.7300	0.7313	0.7325	0.7338
0.7351	0.8272	0.8275	0.8279	0.8291
0.8303	0.8315	0.8338	0.8380	0.8685
0.8992	0.9253	0.9520	0.9758	1.0000

Transect DT02

Area:

0.0005	0.0012	0.0024	0.0041	0.0065
0.0096	0.0134	0.0179	0.0231	0.0316
0.0452	0.0591	0.0732	0.0876	0.1022
0.1171	0.1322	0.1491	0.1673	0.1856
0.2039	0.2222	0.2406	0.2589	0.2773
0.2968	0.3200	0.3455	0.3710	0.3966
0.4222	0.4478	0.4734	0.4991	0.5268
0.5568	0.5869	0.6170	0.6471	0.6772
0.7073	0.7375	0.7677	0.7982	0.8297
0.8620	0.8952	0.9293	0.9642	1.0000

Hrad:

0.0582	0.0948	0.1209	0.1501	0.2091
0.2508	0.2852	0.3134	0.3335	0.3185
0.3004	0.3115	0.3327	0.3576	0.3844
0.4116	0.4367	0.4373	0.4635	0.4904
0.5174	0.5443	0.5711	0.5974	0.6234
0.6456	0.6581	0.6685	0.6818	0.6972
0.7138	0.7314	0.7496	0.7682	0.7206
0.7434	0.7679	0.7924	0.8170	0.8415
0.8659	0.8902	0.9143	0.9222	0.9327
0.9446	0.9565	0.9707	0.9847	1.0000

Width:

0.0160	0.0250	0.0393	0.0574	0.0764
0.0955	0.1132	0.1327	0.1636	0.3723
0.3790	0.3865	0.3935	0.4009	0.4076
0.4146	0.4256	0.5046	0.5050	0.5055
0.5060	0.5064	0.5069	0.5074	0.5084
0.5862	0.7047	0.7054	0.7061	0.7068
0.7075	0.7083	0.7090	0.7097	0.8287
0.8307	0.8312	0.8317	0.8322	0.8327
0.8332	0.8339	0.8345	0.8579	0.8813
0.9048	0.9303	0.9532	0.9776	1.0000

Transect DT03

Area:

0.0011	0.0029	0.0053	0.0083	0.0121
0.0166	0.0220	0.0289	0.0420	0.0570
0.0722	0.0878	0.1037	0.1199	0.1367
0.1546	0.1735	0.1926	0.2118	0.2309
0.2501	0.2693	0.2885	0.3078	0.3272
0.3486	0.3722	0.3959	0.4197	0.4434
0.4672	0.4910	0.5149	0.5418	0.5688
0.5959	0.6229	0.6500	0.6771	0.7042
0.7314	0.7586	0.7861	0.8143	0.8431
0.8726	0.9031	0.9343	0.9666	1.0000

Hrad:

0.0564	0.1088	0.1667	0.2153	0.2533
0.2842	0.3087	0.3186	0.2912	0.2920
0.3081	0.3305	0.3551	0.3789	0.3986
0.4155	0.4375	0.4639	0.4901	0.5162
0.5419	0.5671	0.5919	0.6162	0.6398
0.6577	0.6717	0.6871	0.7033	0.7201
0.7372	0.7544	0.7617	0.7459	0.7684
0.7907	0.8130	0.8352	0.8572	0.8791
0.9008	0.9221	0.9319	0.9434	0.9553
0.9659	0.9760	0.9865	0.9965	1.0000

Width:

0.0458	0.0593	0.0787	0.1005	0.1200
0.1438	0.1712	0.2336	0.4329	0.4416
0.4508	0.4590	0.4671	0.4797	0.5045
0.5405	0.5572	0.5580	0.5587	0.5595
0.5603	0.5611	0.5619	0.5626	0.5786
0.6902	0.6911	0.6921	0.6931	0.6941
0.6951	0.6962	0.7349	0.7888	0.7892
0.7896	0.7900	0.7907	0.7914	0.7922
0.7929	0.7941	0.8135	0.8320	0.8512
0.8743	0.9000	0.9264	0.9551	1.0000

Transect DT04

Area:

0.0010	0.0026	0.0052	0.0091	0.0145
0.0217	0.0365	0.0535	0.0709	0.0886
0.1067	0.1251	0.1440	0.1635	0.1838
0.2048	0.2259	0.2469	0.2680	0.2890
0.3101	0.3312	0.3523	0.3734	0.3945
0.4160	0.4384	0.4609	0.4834	0.5060
0.5285	0.5511	0.5737	0.5963	0.6189
0.6416	0.6642	0.6869	0.7096	0.7323
0.7551	0.7786	0.8031	0.8285	0.8547
0.8819	0.9100	0.9391	0.9691	1.0000

Hrad:

0.0460	0.0790	0.1076	0.1487	0.1752
0.1901	0.1689	0.1828	0.2064	0.2331
0.2611	0.2891	0.3158	0.3412	0.3642
0.3912	0.4192	0.4470	0.4744	0.5014
0.5280	0.5542	0.5800	0.6053	0.6301
0.6537	0.6753	0.6968	0.7180	0.7389
0.7596	0.7800	0.8001	0.8198	0.8393
0.8585	0.8774	0.8959	0.9143	0.9323
0.9452	0.9508	0.9568	0.9638	0.9715
0.9796	0.9880	0.9958	1.0042	1.0000

Width:

0.0414	0.0650	0.1052	0.1440	0.1969
0.2761	0.5352	0.5469	0.5585	0.5702
0.5810	0.5931	0.6101	0.6317	0.6624
0.6693	0.6696	0.6700	0.6703	0.6707
0.6710	0.6713	0.6717	0.6720	0.6723
0.7126	0.7146	0.7164	0.7170	0.7175
0.7181	0.7187	0.7193	0.7198	0.7204
0.7210	0.7216	0.7221	0.7227	0.7233
0.7341	0.7628	0.7927	0.8220	0.8508
0.8800	0.9090	0.9400	0.9691	1.0000

Transect DT05

Area:

0.0015	0.0040	0.0077	0.0129	0.0226
0.0335	0.0461	0.0598	0.0743	0.0895
0.1057	0.1227	0.1407	0.1589	0.1772
0.1956	0.2139	0.2323	0.2507	0.2690
0.2874	0.3058	0.3243	0.3427	0.3611
0.3803	0.4022	0.4245	0.4468	0.4691
0.4915	0.5139	0.5363	0.5587	0.5813
0.6038	0.6265	0.6492	0.6722	0.6962
0.7214	0.7478	0.7753	0.8040	0.8337
0.8647	0.8968	0.9301	0.9645	1.0000

Hrad:

0.0526	0.0924	0.1275	0.1763	0.1852
0.2098	0.2349	0.2627	0.2905	0.3178
0.3438	0.3688	0.3941	0.4234	0.4531
0.4826	0.5116	0.5402	0.5683	0.5959
0.6229	0.6494	0.6753	0.7008	0.7257
0.7483	0.7638	0.7798	0.7964	0.8133
0.8304	0.8476	0.8647	0.8816	0.8985
0.9153	0.9319	0.9483	0.9521	0.9525
0.9527	0.9560	0.9584	0.9634	0.9684
0.9732	0.9797	0.9858	0.9925	1.0000

Width:

0.0565	0.0829	0.1205	0.1892	0.2882
0.3263	0.3672	0.3897	0.4125	0.4354
0.4595	0.4840	0.5039	0.5079	0.5082
0.5085	0.5088	0.5091	0.5094	0.5097
0.5100	0.5103	0.5106	0.5109	0.5112
0.5664	0.6169	0.6177	0.6186	0.6194
0.6202	0.6210	0.6219	0.6235	0.6251
0.6266	0.6281	0.6296	0.6514	0.6818
0.7152	0.7456	0.7793	0.8099	0.8416
0.8748	0.9054	0.9378	0.9695	1.0000

Transect DT05-2

Area:

0.0015	0.0040	0.0077	0.0129	0.0226
0.0335	0.0461	0.0598	0.0743	0.0895
0.1057	0.1227	0.1407	0.1589	0.1772
0.1956	0.2139	0.2323	0.2507	0.2690
0.2874	0.3058	0.3243	0.3427	0.3611
0.3803	0.4022	0.4245	0.4468	0.4691
0.4915	0.5139	0.5363	0.5587	0.5813
0.6038	0.6265	0.6492	0.6722	0.6962
0.7214	0.7478	0.7753	0.8040	0.8337
0.8647	0.8968	0.9301	0.9645	1.0000

Hrad:

0.0526	0.0924	0.1275	0.1763	0.1852
0.2098	0.2349	0.2627	0.2905	0.3178
0.3438	0.3688	0.3941	0.4234	0.4531
0.4826	0.5116	0.5402	0.5683	0.5959
0.6229	0.6494	0.6753	0.7008	0.7257
0.7483	0.7638	0.7798	0.7964	0.8133
0.8304	0.8476	0.8647	0.8816	0.8985
0.9153	0.9319	0.9483	0.9521	0.9525
0.9527	0.9560	0.9584	0.9634	0.9684
0.9732	0.9797	0.9858	0.9925	1.0000

Width:

0.0565	0.0829	0.1205	0.1892	0.2882
0.3263	0.3672	0.3897	0.4125	0.4354
0.4595	0.4840	0.5039	0.5079	0.5082
0.5085	0.5088	0.5091	0.5094	0.5097
0.5100	0.5103	0.5106	0.5109	0.5112

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            0.5664     0.6169     0.6177     0.6186     0.6194
            0.6202     0.6210     0.6219     0.6235     0.6251
            0.6266     0.6281     0.6296     0.6514     0.6818
            0.7152     0.7456     0.7793     0.8099     0.8416
            0.8748     0.9054     0.9378     0.9695     1.0000


*********************************************************
NOTE: The summary statistics displayed in this report are
based on results found at every computational time step,
not just on results from each reporting time step.
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****************
Analysis Options
****************
Flow Units ............... CFS
Process Models:
  Rainfall/Runoff ........ YES
  RDII ................... NO
  Snowmelt ............... NO
  Groundwater ............ NO
  Flow Routing ........... YES
  Ponding Allowed ........ YES
  Water Quality .......... NO
Flow Routing Method ...... DYNWAVE
Surcharge Method ......... EXTRAN
Starting Date ............ 03/08/2021 00:00:00
Ending Date .............. 03/09/2021 00:00:00
Antecedent Dry Days ...... 0.0
Report Time Step ......... 00:01:00
Routing Time Step ........ 3.00 sec
Variable Time Step ....... YES
Maximum Trials ........... 8
Number of Threads ........ 6
Head Tolerance ........... 0.005000 ft


**************************        Volume         Volume
Flow Routing Continuity        acre-feet      10^6 gal
**************************     ---------      --------
Dry Weather Inflow .......         0.000          0.000
Wet Weather Inflow .......         0.000          0.000
Groundwater Inflow .......         0.000          0.000
RDII Inflow ..............         0.000          0.000
External Inflow ..........        50.131         16.336
External Outflow .........        46.193         15.053
Flooding Loss ............         0.000          0.000
Evaporation Loss .........         0.000          0.000
Exfiltration Loss ........         0.000          0.000
Initial Stored Volume ....         0.000          0.000
Final Stored Volume ......         3.848          1.254
Continuity Error (%) .....         0.179


*************************
Highest Continuity Errors
*************************
Node RO1 (4.07%)
Node J9 (3.58%)
Node 19438 (-2.18%)
Node 52033 (1.68%)
Node 52031 (1.60%)


***************************
Time-Step Critical Elements
***************************
Link 86624_2 (96.00%)


*********************************
Highest Flow Instability Indexes
*********************************
All links are stable.


*************************
Routing Time Step Summary
*************************
Minimum Time Step           :     0.50 sec
Average Time Step           :     0.99 sec
Maximum Time Step           :     3.00 sec
Percent in Steady State     :    -0.00
Average Iterations per Step :     2.01
Percent Not Converging      :     0.02
Time Step Frequencies       :
    3.000 -  2.096 sec      :     3.32 %
    2.096 -  1.465 sec      :     2.54 %
    1.465 -  1.024 sec      :    30.77 %
    1.024 -  0.715 sec      :    44.24 %
    0.715 -  0.500 sec      :    19.12 %


******************
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Node Depth Summary
******************

-------------------------------------------------------------------------------
                              Average  Maximum  Maximum  Time of Max    Reported
                                Depth    Depth      HGL   Occurrence   Max Depth
Node                 Type        Feet     Feet     Feet  days hr:min        Feet
-------------------------------------------------------------------------------
11194                JUNCTION    0.23     2.74  1428.24     0  12:05        2.72
1170                 JUNCTION    1.31     8.55  1422.38     0  12:20        8.55
12874                JUNCTION    0.36     4.73  1410.13     0  12:20        4.73
13426                JUNCTION    0.46     5.08  1440.89     0  12:21        5.08
14273                JUNCTION    1.01    11.58  1430.87     0  12:13       11.58
14274                JUNCTION    0.77     7.31  1443.29     0  12:12        7.31
14741                JUNCTION    0.10     0.68  1414.28     0  12:18        0.68
15018                JUNCTION    0.54     5.92  1433.70     0  12:21        5.92
16375                JUNCTION    0.97     9.87  1429.97     0  12:24        9.87
16378                JUNCTION    0.96    10.42  1427.77     0  12:15       10.42
16456                JUNCTION    0.88     7.97  1428.52     0  12:25        7.97
16613                JUNCTION    0.01     0.51  1417.93     0  12:17        0.50
16614                JUNCTION    0.09     0.76  1417.92     0  12:17        0.76
16615                JUNCTION    0.15     1.32  1415.60     0  12:17        1.32
16616                JUNCTION    0.43     6.58  1409.58     0  12:28        6.58
16617                JUNCTION    0.21     4.65  1409.64     0  12:23        4.65
16618                JUNCTION    0.19     4.14  1409.64     0  12:24        4.14
16619                JUNCTION    0.57     8.00  1409.48     0  12:28        8.00
16620                JUNCTION    0.50     8.58  1409.45     0  12:28        8.58
16621                JUNCTION    0.75    10.14  1409.44     0  12:28       10.14
16622                JUNCTION    0.20     4.57  1409.96     0  12:25        4.55
16623                JUNCTION    0.61     8.68  1409.91     0  12:26        8.67
16624                JUNCTION    0.70     8.95  1409.90     0  12:26        8.95
16626                JUNCTION    0.14     1.41  1426.31     0  12:05        1.41
19039                JUNCTION    0.94    10.72  1434.32     0  12:12       10.72
19041                JUNCTION    0.93    10.16  1432.00     0  12:13       10.15
19042                JUNCTION    0.50     9.97  1430.26     0  12:17        9.97
19043                JUNCTION    0.69    10.88  1430.69     0  12:14       10.87
19438                JUNCTION    0.11     6.48  1432.63     0  12:08        6.48
23252                JUNCTION    0.25     2.27  1444.20     0  12:18        2.27
23652                JUNCTION    0.14     1.46  1414.46     0  12:24        1.46
23653                JUNCTION    0.34     1.36  1414.36     0  12:24        1.36
25064                JUNCTION    0.70     3.81  1442.22     0  12:20        3.81
3151                 JUNCTION    0.09     0.88  1441.95     0  12:04        0.87
3170                 JUNCTION    0.50     3.89  1442.14     0  12:20        3.89
3386                 JUNCTION    0.69     7.15  1438.11     0  12:12        7.15
3909                 JUNCTION    0.64     7.91  1427.07     0  12:22        7.91
3910                 JUNCTION    1.53    10.63  1424.81     0  12:20       10.63
51235                JUNCTION    0.00     0.00  1442.23     0  00:00        0.00
51236                JUNCTION    0.00     0.00  1446.55     0  00:00        0.00
51631                JUNCTION    0.14     1.00  1434.37     0  12:12        1.00
51632                JUNCTION    0.17     1.46  1430.80     0  12:15        1.46
51633                JUNCTION    0.00     0.00  1432.57     0  00:00        0.00
51637                JUNCTION    0.03     2.04  1429.67     0  12:14        1.92
51638                JUNCTION    0.35     5.41  1429.56     0  12:14        5.39
51639                JUNCTION    0.87     6.80  1428.97     0  12:14        6.79
51641                JUNCTION    0.19     4.67  1430.11     0  12:19        4.66
51642                JUNCTION    0.16     4.83  1430.11     0  12:18        4.82
51643                JUNCTION    0.30     7.64  1430.11     0  12:19        7.64
52031                JUNCTION    2.04     7.17  1427.07     0  12:21        7.17
52032                JUNCTION    0.81     4.93  1427.07     0  12:21        4.93
52033                JUNCTION    1.00     5.29  1427.07     0  12:21        5.29
52034                JUNCTION    0.90     5.10  1427.09     0  12:05        5.10
52035                JUNCTION    2.21     7.49  1427.06     0  12:21        7.49
52036                JUNCTION    1.12     5.40  1426.98     0  12:22        5.40
52037                JUNCTION    0.10     6.29  1432.63     0  12:08        6.29
52038                JUNCTION    0.28     7.65  1432.79     0  12:07        7.65
BMP01OUTLET          JUNCTION    0.26     4.41  1421.91     0  12:29        4.41
BMP02OUTLET          JUNCTION    0.88     7.38  1428.28     0  12:11        7.38
D01                  JUNCTION    0.34     2.37  1398.37     0  12:28        2.36
D02                  JUNCTION    0.79     4.56  1402.11     0  12:28        4.56
D03                  JUNCTION    0.94     4.69  1403.09     0  12:28        4.69
D04                  JUNCTION    0.59     3.42  1403.06     0  12:28        3.41
D05                  JUNCTION    0.67     3.23  1407.26     0  12:28        3.23
D06                  JUNCTION    0.58     2.74  1414.50     0  12:25        2.74
J03                  JUNCTION    0.04     0.41  1412.31     0  12:05        0.41
J04                  JUNCTION    0.16     2.70  1409.70     0  12:24        2.70
J05                  JUNCTION    0.13     2.75  1428.45     0  12:05        2.74
J06                  JUNCTION    0.09     0.86  1429.24     0  12:04        0.85
J07                  JUNCTION    0.20     2.07  1441.13     0  12:04        2.06
J08                  JUNCTION    0.00     0.00  1414.93     0  00:00        0.00
J09                  JUNCTION    0.06     0.79  1414.75     0  12:18        0.79
J1                   JUNCTION    0.19     2.19  1414.43     0  12:20        2.19
J10                  JUNCTION    1.22     3.36  1395.36     0  12:30        3.36
J11                  JUNCTION    0.32     6.75  1449.33     0  12:12        6.75
J12                  JUNCTION    0.06     0.90  1429.94     0  12:21        0.90
J13                  JUNCTION    0.05     0.30  1467.07     0  12:07        0.30
J2                   JUNCTION    0.13     0.85  1448.34     0  12:13        0.85
J3                   JUNCTION    0.01     0.07  1434.72     0  12:14        0.07
J4                   JUNCTION    0.10     0.57  1448.07     0  12:18        0.57
J5                   JUNCTION    0.24     1.43  1446.60     0  12:11        1.42
J6                   JUNCTION    0.04     0.70  1423.78     0  12:17        0.70
J7                   JUNCTION    0.77     3.47  1410.10     0  12:26        3.47
J8                   JUNCTION    0.63     3.39  1390.98     0  12:30        3.39
J9                   JUNCTION    4.55     8.76  1395.36     0  12:30        8.76
RO1                  JUNCTION    0.00     0.04  1422.18     0  12:10        0.04
OF1                  OUTFALL     0.62     3.39  1387.39     0  12:30        3.39
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SU1	STORAGE	3.22	7.46	1424.96	0	12:27	7.46	
SU2	STORAGE	3.33	7.32	1428.32	0	12:05	7.31	

****
Node Inflow Summary
****

Node	Type	Maximum Lateral Inflow CFS	Maximum Total Inflow CFS	Time of Max Occurrence days	hr:min	Lateral Inflow Volume 10^6 gal	Total Inflow Volume 10^6 gal	Flow Balance Error Percent
11194	JUNCTION	9.51	22.42	0	12:05	0.133	0.3	0.027
1170	JUNCTION	0.00	197.85	0	12:23	0	11.1	0.007
12874	JUNCTION	0.00	145.98	0	12:21	0	1.73	0.508
13426	JUNCTION	0.00	162.84	0	12:13	0	3.47	0.674
14273	JUNCTION	0.00	237.81	0	12:12	0	6.9	0.151
14274	JUNCTION	0.00	264.90	0	12:11	0	7.08	0.313
14741	JUNCTION	0.00	8.36	0	12:17	0	0.213	0.040
15018	JUNCTION	0.00	100.72	0	12:21	0	3.45	-0.012
16375	JUNCTION	0.00	100.89	0	12:22	0	4.81	-0.036
16378	JUNCTION	0.00	147.29	0	12:11	0	6.64	0.051
16456	JUNCTION	0.00	29.23	0	12:03	0	1.57	0.020
16613	JUNCTION	0.00	0.03	0	12:10	0	0.000101	0.110
16614	JUNCTION	0.00	9.03	0	12:14	0	0.215	0.715
16615	JUNCTION	0.00	8.36	0	12:17	0	0.213	0.012
16616	JUNCTION	3.23	33.76	0	12:10	0.0604	0.79	0.015
16617	JUNCTION	0.00	2.92	0	12:04	0	0.034	0.017
16618	JUNCTION	2.91	2.91	0	12:04	0.0332	0.0332	-0.010
16619	JUNCTION	6.68	35.79	0	12:12	0.0965	0.883	0.016
16620	JUNCTION	0.00	35.42	0	12:12	0	0.855	-0.119
16621	JUNCTION	0.00	134.44	0	12:27	0	2.67	0.100
16622	JUNCTION	0.00	0.98	0	12:15	0	0.00157	-0.054
16623	JUNCTION	0.00	20.60	0	12:56	0	0.452	-0.102
16624	JUNCTION	4.25	146.16	0	12:21	0.0591	1.78	-0.489
16626	JUNCTION	4.26	26.40	0	12:05	0.0497	0.349	0.005
19039	JUNCTION	0.00	238.82	0	12:12	0	6.87	0.131
19041	JUNCTION	0.00	238.74	0	12:12	0	6.86	-0.058
19042	JUNCTION	0.00	5.05	0	12:11	0	0.0529	0.012
19043	JUNCTION	0.00	5.79	0	12:11	0	0.055	0.043
19438	JUNCTION	0.00	2.30	0	12:08	0	0.00355	-2.131
23252	JUNCTION	0.00	74.71	0	12:18	0	2.06	0.233
23652	JUNCTION	0.00	86.07	0	12:27	0	1.55	0.008
23653	JUNCTION	0.00	197.85	0	12:23	0	11.1	0.007
25064	JUNCTION	0.00	33.35	0	12:17	0	1.79	-0.017
3151	JUNCTION	13.93	13.93	0	12:04	0.166	0.166	0.004
3170	JUNCTION	0.00	118.80	0	12:18	0	2.86	-0.034
3386	JUNCTION	0.00	238.83	0	12:12	0	6.87	-0.092
3909	JUNCTION	0.00	81.57	0	12:09	0	4.6	0.000
3910	JUNCTION	0.00	197.85	0	12:23	0	11.2	0.053
51235	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 gal
51236	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 gal
51631	JUNCTION	13.09	13.09	0	12:12	0.278	0.278	-0.251
51632	JUNCTION	10.10	15.92	0	12:10	0.114	0.392	0.258
51633	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 gal
51637	JUNCTION	0.00	1.77	0	12:07	0	0.00146	0.160
51638	JUNCTION	0.00	24.05	0	12:06	0	0.395	-0.003
51639	JUNCTION	9.80	100.58	0	12:14	0.11	0.738	-1.194
51641	JUNCTION	2.35	2.35	0	12:04	0.0264	0.0277	-0.138
51642	JUNCTION	0.00	4.45	0	12:13	0	0.0323	-0.018
51643	JUNCTION	0.00	5.49	0	12:12	0	0.0475	0.246
52031	JUNCTION	0.00	29.14	0	12:14	0	0.582	1.628
52032	JUNCTION	0.00	19.23	0	12:15	0	0.0962	0.206
52033	JUNCTION	0.00	113.30	0	12:05	0	1.02	1.710
52034	JUNCTION	0.00	113.17	0	12:05	0	0.93	0.594
52035	JUNCTION	2.52	129.99	0	12:08	0.0281	1.76	-0.787
52036	JUNCTION	0.00	49.11	0	12:19	0	0.684	-0.011
52037	JUNCTION	0.00	1.03	0	12:05	0	0.000131	-10.802
52038	JUNCTION	17.03	17.03	0	12:08	0.274	0.275	0.516
BMP01OUTLET	JUNCTION	0.00	86.19	0	12:27	0	1.55	0.011
BMP02OUTLET	JUNCTION	0.00	29.36	0	12:03	0	1.51	0.002
D01	JUNCTION	2.40	417.22	0	12:28	0.0277	15.7	0.017
D02	JUNCTION	0.00	417.00	0	12:28	0	15.7	0.010
D03	JUNCTION	0.00	417.05	0	12:28	0	15.7	0.026
D04	JUNCTION	1.51	325.48	0	12:28	0.0188	13.2	0.036
D05	JUNCTION	0.53	323.49	0	12:27	0.00673	12.9	0.076
D06	JUNCTION	3.06	283.35	0	12:25	0.0358	12.7	0.032
J03	JUNCTION	0.00	26.41	0	12:05	0	0.349	0.056
J04	JUNCTION	24.37	24.37	0	12:10	0.479	0.482	0.122
J05	JUNCTION	0.00	13.85	0	12:04	0	0.166	0.002
J06	JUNCTION	0.00	13.91	0	12:04	0	0.166	0.004
J07	JUNCTION	0.00	13.91	0	12:04	0	0.166	0.008
J08	JUNCTION	0.00	0.00	0	00:00	0	0	0.000 gal
J09	JUNCTION	20.83	155.86	0	12:17	0.327	1.74	0.089
J1	JUNCTION	0.00	153.19	0	12:18	0	1.73	0.434
J10	JUNCTION	0.00	417.38	0	12:28	0	15.7	0.813
J11	JUNCTION	0.00	41.42	0	12:07	0	0.609	-0.662
J12	JUNCTION	13.09	119.65	0	12:20	0.15	1.25	0.158
J13	JUNCTION	41.66	41.66	0	12:07	0.613	0.613	0.680
J2	JUNCTION	163.06	163.06	0	12:13	3.48	3.48	0.051
J3	JUNCTION	9.04	9.04	0	12:14	0.215	0.215	0.058
J4	JUNCTION	74.80	74.80	0	12:18	2.06	2.06	-0.011
J5	JUNCTION	265.34	265.34	0	12:11	5.31	5.31	-0.094
J6	JUNCTION	0.00	149.74	0	12:17	0	1.41	0.128
J7	JUNCTION	0.00	283.17	0	12:25	0	12.7	0.240
J8	JUNCTION	0.00	413.60	0	12:30	0	15.1	0.053
J9	JUNCTION	0.00	414.58	0	12:29	0	15.6	3.709
RO1	JUNCTION	0.00	1.97	0	12:09	0	0.00218	4.238
OF1	OUTFALL	0.00	413.04	0	12:30	0	15.1	0.000
SU1	STORAGE	1.12	96.29	0	12:19	0.0196	1.96	0.713
SU2	STORAGE	142.30	142.30	0	12:05	2.18	2.33	0.158

****
Node Surcharge Summary
****

Surcharging occurs when water rises above the top of the highest conduit.

Node	Type	Hours Surcharged	Max. Height Above Crown Feet	Min. Depth Below Rim Feet
1170	JUNCTION	0.81	3.554	3.646
3910	JUNCTION	0.87	5.631	5.569
52037	JUNCTION	0.27	5.040	0.310
J05	JUNCTION	0.08	0.748	1.162
J07	JUNCTION	0.02	0.031	2.033

****
Node Flooding Summary
****

No nodes were flooded.

****
Storage Volume Summary
****

Storage Unit	Average Volume 1000 ft3	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 ft3	Max Pcnt Full	Time of Max Occurrence days	hr:min	Maximum Outflow CFS
SU1	29.270	27	0	0	80.842	75	0	12:27	86.19
SU2	10.925	26	0	0	36.115	85	0	12:05	140.47

****
Outfall Loading Summary
****

Outfall Node	Flow Freq Pcnt	Avg Flow CFS	Max Flow CFS	Total Volume 10^6 gal
OF1	53.09	61.06	413.04	15.052
System	53.09	61.06	413.04	15.052

****
Link Flow Summary
****

Link	Type	Maximum |Flow| CFS	Time of Max Occurrence days	hr:min	Maximum |Veloc| ft/sec	Max/ Full Flow	Max/ Full Depth
26126	CONDUIT	417.38	0	12:28	14.61	0.34	0.48
29037	CONDUIT	5.05	0	12:11	4.11	1.03	1.00
29038	CONDUIT	5.79	0	12:11	4.72	0.76	1.00
29039	CONDUIT	39.42	0	12:53	9.93	0.81	1.00
29040	CONDUIT	101.43	0	12:06	14.36	0.98	1.00
30304	CONDUIT	103.46	0	12:09	14.64	0.85	1.00
30306_1	CONDUIT	127.96	0	12:10	13.30	1.10	1.00
30306_2	CONDUIT	129.66	0	12:10	13.48	1.09	1.00
33414	CONDUIT	81.57	0	12:09	11.54	0.92	1.00
33415	CONDUIT	81.04	0	12:09	11.47	0.47	1.00
33421	CONDUIT	125.08	0	12:13	7.86	0.78	1.00
33422	CONDUIT	147.29	0	12:11	9.26	1.05	1.00
33570	CONDUIT	29.03	0	12:03	9.24	1.42	1.00
33571	CONDUIT	29.23	0	12:03	9.30	1.22	1.00
34005	CONDUIT	0.03	0	12:10	0.15	0.01	0.51
34006	CONDUIT	8.36	0	12:17	6.70	0.71	0.66
34007	CONDUIT	8.36	0	12:17	7.89	0.46	0.81
34008	CONDUIT	25.06	0	12:10	8.51	0.21	1.00
34009	CONDUIT	8.36	0	12:18	6.09	0.42	0.73
34010	CONDUIT	2.90	0	12:04	3.61	0.34	1.00
34011	CONDUIT	2.92	0	12:04	5.13	0.43	1.00
34012	CONDUIT	32.09	0	12:12	5.23	0.49	1.00
34013	CONDUIT	35.42	0	12:12	5.88	0.72	1.00
34014	CONDUIT	92.37	0	12:37	13.07	1.86	1.00
34015	CONDUIT	35.24	0	12:12	5.15	0.27	1.00

34016	CONDUIT	20.59	0	12:56	11.65	0.89	1.00
34017	CONDUIT	4.68	0	12:54	3.81	0.38	1.00
34018	CONDUIT	48.96	0	12:52	9.97	2.78	1.00
34019	CONDUIT	36.50	0	12:54	7.44	1.28	1.00
34026	CONDUIT	13.91	0	12:04	4.96	0.87	0.84
34027	CONDUIT	22.41	0	12:05	7.40	1.42	0.92
34028	CONDUIT	26.41	0	12:05	19.11	0.35	0.46
34066	CONDUIT	197.85	0	12:23	10.08	1.73	1.00
76613	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
77008	CONDUIT	13.07	0	12:13	7.84	0.46	0.57
77010	CONDUIT	24.91	0	12:54	8.13	1.75	1.00
77012	CONDUIT	33.35	0	12:17	10.62	0.27	1.00
77013	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
77014	CONDUIT	16.23	0	12:06	8.49	0.55	0.87
77409	CONDUIT	0.00	0	00:00	0.00	0.00	0.30
77808	CONDUIT	1.77	0	12:07	1.89	0.10	1.00
77809	CONDUIT	2.36	0	12:04	4.22	0.54	1.00
77810	CONDUIT	2.54	0	12:31	7.22	0.18	1.00
77811	CONDUIT	4.76	0	12:11	3.88	0.34	1.00
77812	CONDUIT	16.92	0	12:07	5.11	0.55	1.00
77814	CONDUIT	29.14	0	12:14	5.94	0.85	1.00
78208	CONDUIT	21.40	0	12:45	4.36	0.74	1.00
78209	CONDUIT	71.18	0	12:08	14.50	1.34	1.00
78210	CONDUIT	5.36	0	12:03	4.37	1.10	1.00
78211	CONDUIT	11.05	0	12:03	9.00	3.82	1.00
78212	CONDUIT	11.69	0	12:04	9.52	1.84	1.00
78213	CONDUIT	86.07	0	12:27	15.39	0.59	0.74
78214	CONDUIT	197.85	0	12:23	15.05	0.57	0.64
78215	CONDUIT	1.03	0	12:05	0.86	0.13	1.00
78216	CONDUIT	2.30	0	12:08	1.87	0.29	1.00
78217	CONDUIT	11.94	0	12:45	4.30	0.25	1.00
78218	CONDUIT	15.03	0	12:08	8.50	1.18	1.00
86624_1	CONDUIT	13.85	0	12:04	5.77	0.27	0.71
86624_2	CONDUIT	13.81	0	12:04	4.40	0.27	1.00
86628	CONDUIT	13.91	0	12:04	5.75	0.25	0.72
C1	CHANNEL	0.00	0	00:00	0.00	0.00	0.04
C10	CHANNEL	197.92	0	12:22	4.65	0.01	0.19
C11	CHANNEL	0.00	0	00:00	0.00	0.00	0.03
C12	CONDUIT	0.00	0	00:00	0.00	0.00	0.21
C13	CONDUIT	24.87	0	12:11	10.34	1.09	1.00
C13_1	CHANNEL	0.00	0	00:00	0.00	0.00	0.02
C13_2	CHANNEL	1.20	0	12:10	0.42	0.04	0.61
C14	CHANNEL	26.24	0	12:15	0.83	0.01	0.27
C15	CHANNEL	109.09	0	12:05	3.55	0.03	0.21
C16	CONDUIT	0.00	0	00:00	0.00	0.00	0.25
C17	CHANNEL	139.56	0	12:21	4.53	0.00	0.03
C18	CHANNEL	107.93	0	12:26	1.44	0.00	0.03
C19	CONDUIT	41.12	0	12:18	5.41	0.11	0.38
C2	CHANNEL	41.97	0	12:28	0.80	0.03	0.61
C20	CHANNEL	7.82	0	12:52	0.60	0.02	0.31
C21	CHANNEL	0.00	0	00:00	0.00	0.00	0.50
C21_1	CHANNEL	153.19	0	12:18	1.29	0.00	0.13
C21_2	CHANNEL	145.98	0	12:21	8.09	0.00	0.07
C22	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C22_1	CHANNEL	119.24	0	12:21	4.86	0.00	0.03
C23	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C24	CHANNEL	7.09	0	12:29	0.61	0.00	0.01
C25	CHANNEL	0.00	0	00:00	0.00	0.00	0.00
C25_1	CHANNEL	115.34	0	12:20	3.54	0.00	0.07
C26	CHANNEL	16.00	0	12:16	1.04	0.22	0.94
C27	CHANNEL	111.07	0	12:06	1.64	0.00	0.07
C28	CHANNEL	28.81	0	12:20	1.59	0.30	0.74
C29	CONDUIT	27.72	0	12:20	3.18	0.35	0.50
C3	CONDUIT	19.67	0	12:05	1.86	0.01	0.57
C30	CHANNEL	1.97	0	12:09	6.16	0.02	0.15
C31	CHANNEL	9.90	0	12:25	0.56	0.01	0.20
C32	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C33	CONDUIT	48.12	0	12:21	5.66	0.30	0.85
C34	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C35	CHANNEL	19.23	0	12:15	1.26	0.00	0.07
C35_1	CHANNEL	69.91	0	12:14	4.41	0.02	0.19
C35_2	CHANNEL	148.75	0	12:17	3.68	0.00	0.07
C36	CONDUIT	78.44	0	12:40	11.10	0.73	1.00
C37	CHANNEL	9.03	0	12:14	0.86	0.00	0.01
C38	CHANNEL	162.84	0	12:13	2.07	0.00	0.16
C39	CHANNEL	35.81	0	12:22	3.47	0.00	0.01
C4	CHANNEL	414.58	0	12:29	>50.00	0.00	0.21
C40	CHANNEL	74.71	0	12:18	1.35	0.02	0.36
C41	CONDUIT	152.16	0	12:12	8.93	0.65	0.85
C42	CONDUIT	167.13	0	12:12	8.99	0.06	0.19
C43	CONDUIT	139.73	0	12:12	8.47	0.22	0.42
C44	CONDUIT	0.00	0	00:00	0.00	0.00	0.05
C45	CHANNEL	264.90	0	12:11	2.31	0.00	0.33
C46	CONDUIT	169.46	0	12:13	6.46	0.25	0.44
C47	CONDUIT	0.00	0	00:00	0.00	0.00	0.00
C48	CONDUIT	1.59	0	12:25	0.39	0.03	0.60
C49	CONDUIT	3.77	0	12:28	0.34	0.01	0.81
C5	CONDUIT	100.72	0	12:21	14.99	0.91	1.00
C50	CONDUIT	1.52	0	12:14	0.18	0.01	0.43
C51	CONDUIT	2.75	0	12:19	0.56	0.02	0.25
C52	CHANNEL	41.42	0	12:07	5.64	0.00	0.08
C6	CONDUIT	26.36	0	12:05	3.73	0.23	0.71
C7	CHANNEL	413.04	0	12:30	5.20	0.01	0.15
C8	CONDUIT	1.88	0	12:29	0.38	0.01	0.14
C9	CHANNEL	86.38	0	12:27	1.82	0.01	0.25
C999	CONDUIT	85.97	0	12:13	3.37	0.22	0.47
DT01	CHANNEL	416.99	0	12:28	9.12	0.00	0.07
DT02	CHANNEL	417.00	0	12:28	8.31	0.00	0.08
DT03	CHANNEL	325.22	0	12:28	4.22	0.00	0.07
DT04	CHANNEL	322.49	0	12:28	7.77	0.00	0.06
DT05_1	CHANNEL	283.16	0	12:25	7.88	0.00	0.05
DT05_2	CHANNEL	282.45	0	12:26	7.33	0.00	0.06
OR1	ORIFICE	3.79	0	12:00			1.00
OR2	ORIFICE	27.68	0	12:01			
OR3	ORIFICE	0.61	0	12:12			1.00
OR4	ORIFICE	85.74	0	12:27			
OR5	ORIFICE	413.60	0	12:30			
W1	WEIR	113.17	0	12:05			0.32
W2	WEIR	0.00	0	00:00			0.00

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Flow Classification Summary
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Conduit	Adjusted /Actual Length	Dry	Up Dry	Down Dry	Sub Crit	Sup Crit	Up Crit	Down Crit	Norm Ltd	Inlet Ctrl
		Fraction of Time in Flow Class								
26126	1.00	0.04	0.00	0.00	0.87	0.08	0.00	0.00	0.81	0.00
29037	1.00	0.24	0.00	0.00	0.59	0.00	0.00	0.17	0.39	0.00
29038	1.00	0.08	0.17	0.00	0.67	0.08	0.00	0.00	0.06	0.00
29039	1.00	0.00	0.03	0.00	0.36	0.60	0.00	0.00	0.50	0.00
29040	1.00	0.00	0.00	0.00	0.35	0.64	0.00	0.00	0.00	0.00
30304	1.00	0.07	0.00	0.00	0.29	0.63	0.00	0.00	0.66	0.00
30306_1	1.00	0.07	0.00	0.00	0.06	0.20	0.00	0.66	0.00	0.00
30306_2	1.00	0.07	0.00	0.00	0.06	0.00	0.00	0.87	0.00	0.00
33414	1.00	0.23	0.00	0.00	0.06	0.00	0.00	0.70	0.00	0.00
33415	1.00	0.08	0.16	0.00	0.59	0.18	0.00	0.00	0.63	0.00
33421	1.00	0.08	0.05	0.00	0.88	0.00	0.00	0.00	0.79	0.00
33422	1.00	0.07	0.00	0.00	0.33	0.59	0.00	0.00	0.05	0.00
33570	1.00	0.23	0.00	0.00	0.55	0.08	0.00	0.13	0.00	0.00
33571	1.00	0.23	0.00	0.00	0.36	0.22	0.00	0.19	0.00	0.00
34005	1.00	0.38	0.54	0.00	0.09	0.00	0.00	0.00	0.47	0.00
34006	1.00	0.39	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00
34007	1.00	0.38	0.00	0.00	0.02	0.61	0.00	0.00	0.51	0.00
34008	1.00	0.02	0.29	0.00	0.19	0.50	0.00	0.00	0.79	0.00
34009	1.00	0.09	0.31	0.00	0.34	0.26	0.00	0.00	0.54	0.00
34010	1.00	0.09	0.00	0.00	0.56	0.35	0.00	0.00	0.51	0.00
34011	1.00	0.08	0.00	0.00	0.08	0.84	0.00	0.00	0.00	0.00
34012	1.00	0.09	0.00	0.00	0.45	0.46	0.00	0.00	0.73	0.00
34013	1.00	0.09	0.00	0.00	0.06	0.00	0.00	0.85	0.00	0.00
34014	1.00	0.04	0.05	0.00	0.91	0.00	0.00	0.00	0.68	0.00
34015	1.00	0.09	0.00	0.00	0.12	0.45	0.00	0.34	0.04	0.00
34016	1.00	0.07	0.00	0.00	0.06	0.00	0.00	0.87	0.00	0.00
34017	1.00	0.48	0.01	0.00	0.06	0.00	0.00	0.46	0.01	0.00
34018	1.00	0.16	0.00	0.00	0.06	0.00	0.00	0.78	0.00	0.00
34019	1.00	0.11	0.06	0.00	0.62	0.00	0.00	0.21	0.09	0.00
34026	1.00	0.03	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00
34027	1.00	0.03	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00
34028	1.00	0.03	0.00	0.00	0.00	0.97	0.00	0.00	0.00	0.00
34066	1.00	0.08	0.00	0.00	0.92	0.00	0.00	0.00	0.00	0.00
76613	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
77008	1.00	0.06	0.00	0.00	0.00	0.04	0.00	0.90	0.01	0.00
77010	1.00	0.34	0.03	0.00	0.08	0.00	0.00	0.55	0.01	0.00
77012	1.00	0.02	0.00	0.00	0.41	0.57	0.00	0.00	0.41	0.00
77013	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
77014	1.00	0.12	0.00	0.00	0.05	0.01	0.00	0.81	0.02	0.00
77409	1.00	0.40	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
77808	1.00	0.32	0.62	0.00	0.05	0.00	0.00	0.00	0.48	0.00
77809	1.00	0.24	0.00	0.00	0.09	0.68	0.00	0.00	0.00	0.00
77810	1.00	0.24	0.00	0.00	0.05	0.00	0.00	0.71	0.01	0.00
77811	1.00	0.24	0.00	0.00	0.13	0.02	0.00	0.61	0.07	0.00
77812	1.00	0.12	0.00	0.00	0.53	0.00	0.00	0.34	0.47	0.00
77814	1.00	0.13	0.00	0.00	0.82	0.06	0.00	0.00	0.27	0.00
78208	1.00	0.13	0.00	0.00	0.55	0.00	0.00	0.32	0.00	0.00
78209	1.00	0.13	0.00	0.00	0.52	0.00	0.00	0.35	0.00	0.00
78210	1.00	0.47	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.00
78211	1.00	0.47	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.00
78212	1.00	0.47	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.00
78213	1.00	0.15	0.00	0.00	0.03	0.82	0.00	0.00	0.01	0.00
78214	1.00	0.08	0.05	0.00	0.11	0.76	0.00	0.00	0.15	0.00
78215	1.00	0.47	0.00	0.00	0.52	0.00	0.00	0.00	0.47	0.00
78216	1.00	0.31	0.61	0.00	0.08	0.00	0.00	0.00	0.47	0.00
78217	1.00	0.20	0.00	0.00	0.53	0.09	0.00	0.18	0.03	0.00
78218	1.00	0.20	0.00	0.00	0.52	0.00	0.00	0.28	0.47	0.00
86624_1	1.00	0.03	0.00	0.00	0.01	0.95	0.00	0.00	0.29	0.00
86624_2	1.00	0.03	0.00	0.00	0.58	0.39	0.00	0.00	0.47	0.00
86628	1.00	0.03	0.00	0.00	0.01	0.89	0.00	0.07	0.78	0.00
C1	1.00	0.31	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C10	1.00	0.08	0.00	0.00	0.92	0.00	0.00	0.00	0.72	0.00
C11	1.00	0.48	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C12	1.00	0.03	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C13	1.00	0.02	0.00	0.00	0.80	0.18	0.00	0.00	0.55	0.00
C13_1	1.00	0.48	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C13_2	1.00	0.09	0.39	0.00	0.52	0.00	0.00	0.00	0.49	0.00
C14	1.00	0.95	0.00	0.00	0.05	0.00	0.00	0.00	0.47	0.00
C15	1.00	0.94	0.00	0.00	0.05	0.00	0.00	0.01	0.00	0.00
C16	1.00	0.94	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C17	1.00	0.95	0.00	0.00	0.04	0.00	0.00	0.01	0.02	0.00
C18	1.00	0.95	0.01	0.00	0.00	0.00	0.04	0.00	0.00	0.00
C19	1.00	0.94	0.02	0.00	0.01	0.02	0.00	0.00	0.49	0.00
C2	1.00	0.24	0.74	0.00	0.02	0.00	0.00	0.00	0.48	0.00
C20	1.00	0.95	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00
C21	1.00	0.09	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C21_1	1.00	0.19	0.13	0.00	0.68	0.00	0.00	0.00	0.69	0.00
C21_2	1.00	0.21	0.00	0.00	0.00	0.00	0.00	0.79	0.00	0.00
C22	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C22_1	1.00	0.32	0.00	0.00	0.00	0.00	0.00	0.68	0.00	0.00
C23	1.00	0.98	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C24	1.00	0.98	0.00	0.00	0.02	0.00	0.00	0.00	0.01	0.00
C25	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C25_1	1.00	0.94	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00
C26	1.00	0.94	0.00	0.00	0.05	0.00	0.00	0.00	0.47	0.00
C27	1.00	0.95	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00
C28	1.00	0.95	0.00	0.00	0.05	0.00	0.00	0.00	0.47	0.00
C29	1.00	0.94	0.00	0.00	0.03	0.00	0.00	0.03	0.00	0.00
C3	1.00	0.04	0.91	0.00	0.04	0.00	0.01	0.00	0.01	0.00
C30	1.00	0.48	0.52	0.00	0.00	0.01	0.00	0.00	0.49	0.00
C31	1.00	0.95	0.02	0.00	0.03	0.00	0.00	0.00	0.49	0.00
C32	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C33	1.00	0.14	0.81	0.00	0.03	0.02	0.00	0.00	0.48	0.00
C34	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C35	1.00	0.95	0.04	0.00	0.02	0.00	0.00	0.00	0.49	0.00
C35_1	1.00	0.28	0.71	0.00	0.01	0.00	0.00	0.00	0.49	0.00
C35_2	1.00	0.24	0.03	0.00	0.71	0.02	0.00	0.00	0.52	0.00
C36	1.00	0.25	0.03	0.00	0.10	0.63	0.00	0.00	0.61	0.00
C37	1.00	0.38	0.01	0.00	0.60	0.02	0.00	0.00	0.54	0.00
C38	1.00	0.00	0.26	0.00	0.72	0.02	0.00	0.00	0.61	0.00
C39	1.00	0.96	0.00	0.00	0.00	0.01	0.00	0.03	0.00	0.00
C4	1.00	0.05	0.00	0.00	0.89	0.05	0.00	0.00	0.29	0.00
C40	1.00	0.02	0.08	0.00	0.88	0.01	0.00	0.00	0.81	0.00
C41	1.00	0.97	0.00	0.00	0.00	0.02	0.00	0.00	0.49	0.00
C42	1.00	0.97	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00
C43	1.00	0.98	0.00	0.00	0.00	0.02	0.00	0.00	0.49	0.00
C44	1.00	0.99	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C45	1.00	0.00	0.04	0.00	0.96	0.00	0.00	0.00	0.80	0.00
C46	1.00	0.98	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
C47	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C48	1.00	0.98	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
C49	1.00	0.97	0.01	0.00	0.02	0.00	0.00	0.00	0.48	0.00
C5	1.00	0.00	0.00	0.00	0.03	0.01	0.00	0.95	0.00	0.00
C50	1.00	0.98	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
C51	1.00	0.96	0.02	0.00	0.01	0.00	0.00	0.00	0.49	0.00
C52	1.00	0.27	0.00	0.00	0.02	0.00	0.00	0.71	0.01	0.00
C6	1.00	0.03	0.00	0.00	0.96	0.00	0.00	0.00	0.88	0.00
C7	1.00	0.47	0.00	0.00	0.53	0.00	0.00	0.00	0.19	0.00
C8	1.00	0.98	0.01	0.00	0.01	0.00	0.00	0.00	0.48	0.00
C9	1.00	0.09	0.07	0.00	0.84	0.00	0.00	0.00	0.64	0.00
C999	1.00	0.98	0.00	0.00	0.02	0.00	0.00	0.00	0.49	0.00
DT01	1.00	0.05	0.00	0.00	0.00	0.00	0.00	0.95	0.00	0.00
DT02	1.00	0.04	0.00	0.00	0.93	0.03	0.00	0.00	0.06	0.00
DT03	1.00	0.03	0.00	0.00	0.97	0.00	0.00	0.00	0.83	0.00
DT04	1.00	0.03	0.20	0.00	0.18	0.58	0.00	0.00	0.06	0.00
DT05_1	1.00	0.09	0.00	0.00	0.89	0.02	0.00	0.00	0.64	0.00
DT05_2	1.00	0.09	0.00	0.00	0.91	0.00	0.00	0.00	0.00	0.00

****
Conduit Surcharge Summary
****

Conduit	Hours Full: Both Ends	Hours Full: Upstream	Hours Full: Dnstream	Hours Above Full Normal Flow	Hours Capacity Limited
29037	0.94	0.94	1.23	0.01	0.07
29038	1.25	1.25	2.48	0.01	0.01
29039	0.82	0.83	0.84	0.01	0.12
29040	0.68	0.74	0.68	0.01	0.63
30304	0.68	0.68	0.80	0.01	0.01
30306_1	0.73	0.76	0.73	0.01	0.73
30306_2	0.71	0.74	0.71	0.02	0.52
33414	0.73	0.82	0.73	0.01	0.73
33415	0.74	0.74	1.36	0.01	0.01
33421	0.78	0.78	0.93	0.01	0.01
33422	0.71	0.71	0.78	0.10	0.25
33570	0.93	0.96	0.93	0.41	0.37
33571	0.94	0.97	0.94	0.14	0.38
34007	0.01	0.01	0.12	0.01	0.01
34008	0.19	0.19	0.64	0.01	0.01
34009	0.01	0.01	0.76	0.01	0.01
34010	0.58	0.58	0.83	0.01	0.01
34011	0.50	0.50	0.58	0.01	0.01
34012	0.60	0.60	0.73	0.01	0.01
34013	0.73	0.73	0.77	0.01	0.10
34014	0.84	0.84	0.87	0.75	0.83
34015	0.77	0.77	0.84	0.01	0.01
34016	0.78	0.78	0.80	0.01	0.09
34017	0.68	0.68	0.75	0.01	0.01
34018	0.79	0.81	0.79	0.52	0.79
34019	0.80	0.80	0.80	0.01	0.12
34026	0.01	0.03	0.01	0.01	0.01
34027	0.01	0.09	0.01	0.09	0.01
34066	0.81	0.87	0.81	0.89	0.81
77010	0.84	1.12	0.84	0.25	0.74
77012	0.45	0.45	1.12	0.01	0.01
77014	0.01	0.01	0.64	0.01	0.01
77808	0.13	0.13	0.66	0.01	0.01
77809	0.36	0.36	0.36	0.01	0.01
77810	0.36	0.36	0.55	0.01	0.01
77811	0.72	0.72	0.89	0.01	0.01
77812	0.54	0.54	0.71	0.01	0.01
77814	0.71	0.71	11.93	0.01	0.01
78208	11.93	11.93	11.93	0.01	0.01
78209	11.91	11.93	11.91	0.17	0.68
78210	1.68	1.68	11.94	0.01	0.01
78211	11.90	11.90	11.95	0.14	0.20
78212	11.94	11.94	11.94	0.10	0.10
78213	0.01	0.26	0.01	0.01	0.01
78214	0.01	0.81	0.01	0.01	0.01
78215	0.27	0.27	0.31	0.01	0.01
78216	0.31	0.31	0.62	0.01	0.01
78217	0.98	0.98	11.94	0.01	0.01
78218	0.54	0.54	11.92	0.11	0.14
86624_1	0.01	0.01	0.08	0.01	0.01
86624_2	0.08	0.08	0.09	0.01	0.03
86628	0.01	0.01	0.02	0.01	0.01
C13	0.34	0.34	0.86	0.31	0.33
C13_2	0.01	0.01	11.87	0.01	0.01
C2	0.01	0.01	11.63	0.01	0.01
C26	0.01	0.01	0.32	0.01	0.01
C3	0.01	0.01	11.95	0.01	0.01
C33	0.01	0.01	11.91	0.01	0.01
C36	0.57	0.57	0.81	0.01	0.01
C49	0.01	0.01	11.78	0.01	0.01
C5	0.42	0.42	0.54	0.01	0.31
C6	0.01	0.01	2.12	0.01	0.01

Analysis begun on: Tue Jun 15 12:53:07 2021
Analysis ended on: Tue Jun 15 12:53:13 2021
Total elapsed time: 00:00:06

APPENDIX G

BMP Water Quality Credit Calculations

TIMMONS GROUP
ENGINEERING | DESIGN | TECHNOLOGY

Worksheet for Chesapeake Bay TMDL Special Condition Guidance

Project:	47305.002 - Woodland Drive Drainage Study
By:	K. Redman
Date:	7/12/2021

Land Cover (ac)	
Forested /Open	19.64
Managed Turf	23.24
Impervious	27.33

Basin	Potomac
Runoff Volume (ft^3)	60000

ST or RR?	ST
Runoff Depth Captured per Impervious Acre (Inches)	0.60

TN (%)	29%
TP (%)	45%
TSS (%)	58%

Basin Table Values	Potomac					
Pollutant	Subsource	*Loading Rate (lbs/ac/yr)*	Existing Lands (acres)	Load (lbs/yr)	Total (lb/yr)	Est Reduction (lb/yr)
Nitrogen	Regulated Urban Impervious	*16.86*	27.33	460.78	717.59	207.23
	Regulated Urban Pervious	*10.07*	23.24	234.03		
	Forested	*1.16*	19.64	22.78		
Phosphorus	Regulated Urban Impervious	*1.62*	27.33	44.27	55.18	25.04
	Regulated Urban Pervious	*0.41*	23.24	9.53		
	Forested	*0.07*	19.64	1.37		
Total Suspended Solids	Regulated Urban Impervious	*1171.32*	27.33	32012.18	37227.85	21503.72
	Regulated Urban Pervious	*175.8*	23.24	4085.59		
	Forested	*57.54*	19.64	1130.09		