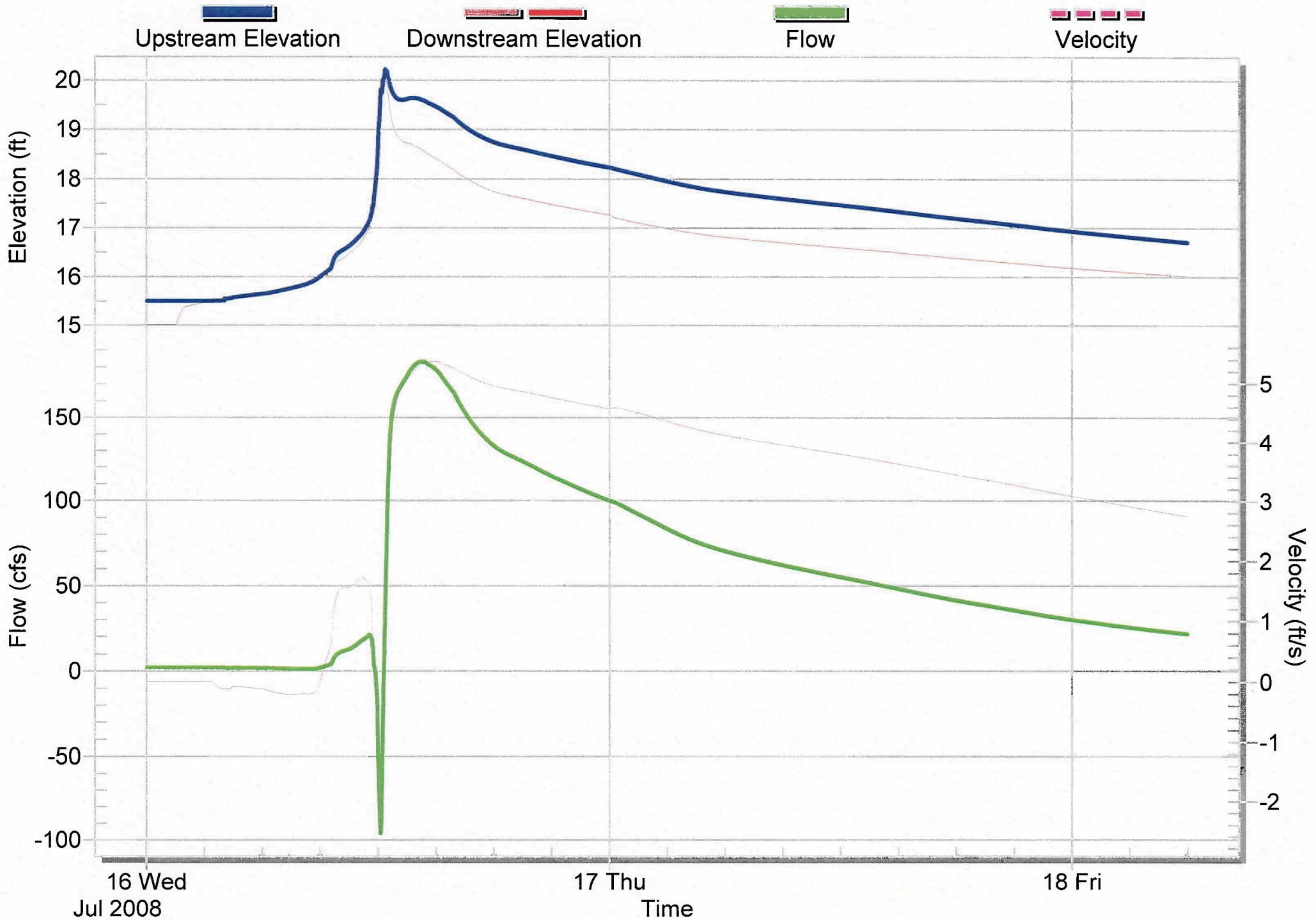


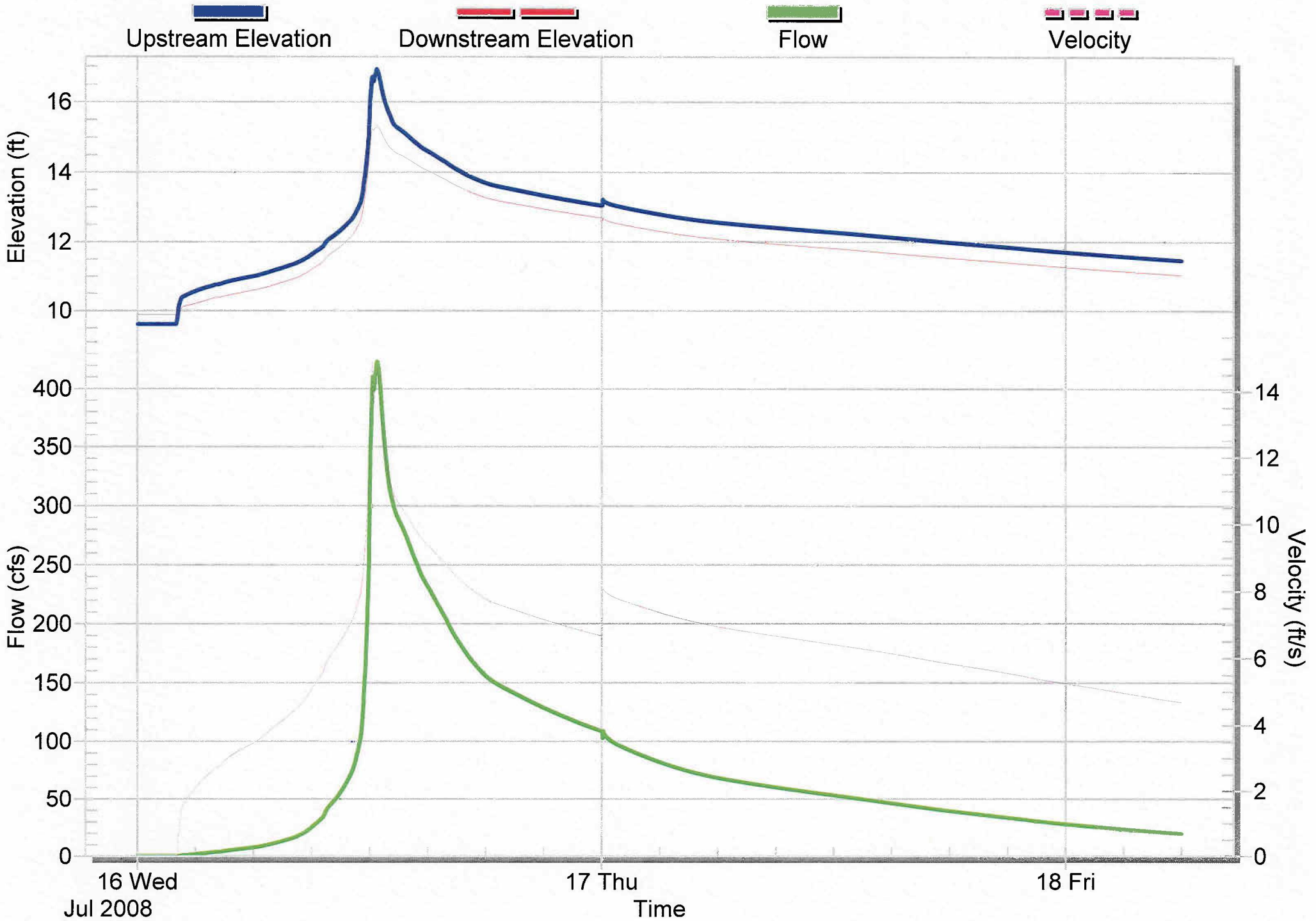
Proposed Development: Conduit XS #10 (New Dbl 60-inch RCP) from 32 to 34

25-Year Storm w/ Max Flow = 181.3553 & Max Velocity = 5.37



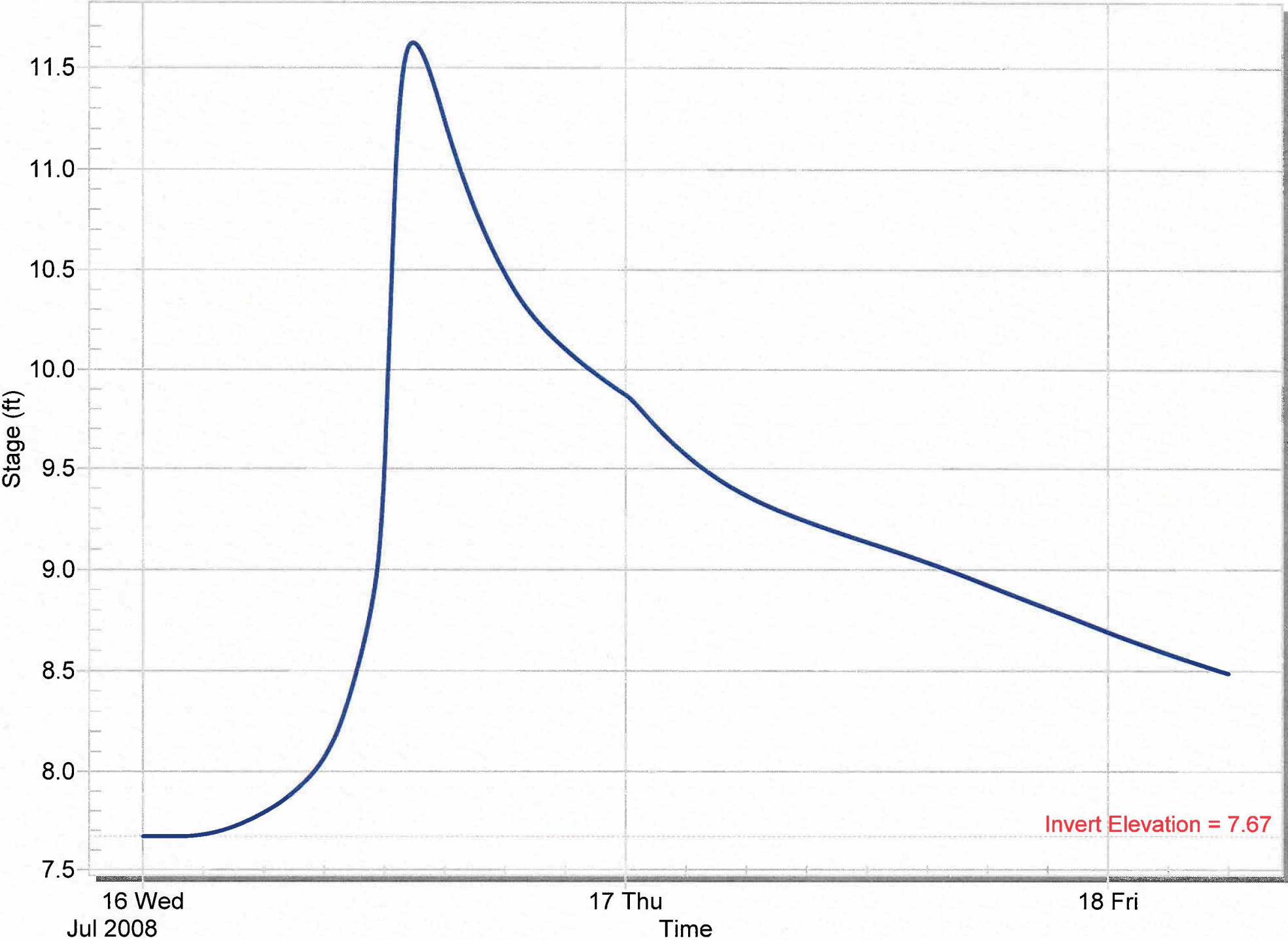
Proposed Development: Conduit TO LAKE from Lk-Elzbth to 48

25-Year Storm w/ Max Flow = 423.3448 & Max Velocity = 14.89



Proposed Development: Node - Lk-Elzbth

25-Year Storm w/ Max Stage = 11.621ft



Invert Elevation = 7.67

Caropines Deerfield (Existing Condition Model – July 2008) – With New Proposed Development – “Old South Course Phases 1A and 1B” - Emulating Proposed Storm Drainage System w/ Ponds.

100-Year Return Period Storm (100 Yr – 24 Hour Precipitation = 9.7 inches)

Current Directory: C:\XPS-VE~1.6
Engine Name: C:\XPS-VE~1.6\SWMMEN~1.EXE
Input File : SWMM\Proposed\Old S Course Proj\Detail\LPA WS Data_Total-100Yr.XP

```
*=====*
```

xpswmm
Storm and Wastewater Management Model
Interface Version: 10.61
Engine Version: 10.6.1.0

```
-----*
```

Developed by
XP Software

```
-----*
```

XP Software	April, 2008
Data File Version --->	12.0
Serial Number: 42-1060-2154	
The LPA Group	

```
-----*
```

Engine Name: C:\XPS-VE~1.6\SWMMEN~1.EXE

```
*=====*
```

Input and Output file names by Layer

```
-----*
```

Input File to Layer #	1 JIN.US
Output File to Layer #	1 Y:\Hydrology\Caropines-Deerfield\XP-SWMM\Final\10 Year.xp
Input File to Layer #	2 Y:\Hydrology\Caropines-Deerfield\XP-SWMM\Final\10 Year.xp
Output File to Layer #	2 JOT.US

 | Table E1 - Conduit Data |

Inp Num	Conduit Name	Length (ft)	Conduit Class	Area (ft^2)	Manning Coef.	Max Width (ft)	Depth (ft)	Trapezoid Side Slopes
1	XS #1A	275.0000	Natural	100.6721	0.0350	50.0000	4.9100	
2	XS #2	431.0000	Natural	89.7060	0.0300	46.3900	4.9500	
3	XS #3	191.0000	Natural	81.1062	0.0300	45.0300	4.9300	
4	XS #4	130.0000	Natural	99.8750	0.0300	57.7600	5.6200	
5	XS #5	1089.0000	Natural	130.1118	0.0300	44.4000	7.2000	
6	XS #6	586.0000	Natural	161.1250	0.0300	60.6000	6.3400	
7	XS #7a	580.0000	Natural	181.5410	0.0300	41.0700	9.1100	
8	XS #8	761.0000	Natural	172.3457	0.0300	51.3000	8.7700	
9	XS #9	75.0000	Natural	124.1935	0.0300	37.8100	6.9000	
10	XS #10	550.0000	Circular	19.6350	0.0130	5.0000	5.0000	
11	STUB	4.0000	Circular	28.2743	0.0130	6.0000	6.0000	
12	FRONTAGE	50.0000	Circular	28.2743	0.0130	6.0000	6.0000	
13	HWY 17 S	60.0000	Circular	28.2743	0.0130	6.0000	6.0000	
14	HWY 17 N	68.0000	Circular	28.2743	0.0130	6.0000	6.0000	
15	PARKINGLOT	68.0000	Circular	28.2743	0.0130	6.0000	6.0000	
16	TO LAKE	172.0000	Circular	28.2743	0.0130	6.0000	6.0000	
17	61	350.0000	Natural	49.5000	0.0300	50.0000	3.5000	
18	62	1300.0000	Natural	49.2000	0.0350	50.0000	3.3000	
19	XS #3a	66.0000	Natural	87.0000	0.0300	67.0000	4.9000	
20	XS MALLARD	158.0000	Natural	40.3050	0.0300	25.0000	4.2000	
21	80	150.0000	Natural	18.0000	0.0300	39.0000	2.5000	
22	8x4 Box	68.0000	Rectangle	32.0000	0.0130	8.0000	4.0000	
23	Clvt 10	42.0000	Rectangle	40.5000	0.0150	13.5000	3.0000	
24	Palmt0 Lk	700.0000	Natural	172.0000	0.0500	56.0000	4.5000	
25	Clvt 7	41.0000	Circular	12.5664	0.0130	4.0000	4.0000	
26	Chan A	270.0000	Natural	54.5525	0.0500	23.9500	4.9000	
27	Clvt 6	41.0000	Circular	12.5664	0.0130	4.0000	4.0000	
28	Chan B	210.0000	Natural	58.3500	0.0500	20.0000	5.3000	
29	Clvt 5	42.0000	Circular	12.5664	0.0130	4.0000	4.0000	
30	Chan C	400.0000	Natural	43.5000	0.0500	28.0000	4.0000	
31	Chan D	150.0000	Trapezoid	81.2500	0.0350	25.0000	3.2500	0.0000
0.0000								
32	Oak Clvt	35.0000	Rectangle	24.0000	0.0130	8.0000	3.0000	
33	Chan E	150.0000	Trapezoid	106.1900	0.0300	25.0000	3.7000	1.0000
1.0000								
34	Clvt2 Out	40.0000	Rectangle	32.0000	0.0130	8.0000	4.0000	
35	Clvt1 Out	42.0000	Rectangle	28.0000	0.0130	7.0000	4.0000	
36	Lined Ch	75.0000	Natural	92.2250	0.0250	33.6000	4.3600	
37	XS #1B	275.0000	Natural	100.6721	0.0350	50.0000	4.9100	
38	ToLake	534.4790	Natural	52.6000	0.0300	50.0000	3.4000	
39	Link224	83.8200	Circular	4.9087	0.0270	2.5000	2.5000	
40	Link225	65.1595	Circular	7.0686	0.0110	3.0000	3.0000	
41	18"RCP	9.0000	Circular	1.7671	0.0120	1.5000	1.5000	
42	36"Stub	8.0000	Circular	7.0686	0.0120	3.0000	3.0000	
43	18"RCP2	15.0000	Circular	1.7671	0.0120	1.5000	1.5000	
44	18"RCP1	15.0000	Circular	1.7671	0.0120	1.5000	1.5000	
45	12"RCP1	15.0000	Circular	0.7854	0.0120	1.0000	1.0000	
46	12"RCP2	15.0000	Circular	0.7854	0.0120	1.0000	1.0000	
47	24"RCP 1	25.0000	Circular	3.1416	0.0120	2.0000	2.0000	
48	24" RCP 2	20.0000	Circular	3.1416	0.0120	2.0000	2.0000	
49	48" RCP	72.0000	Circular	12.5664	0.0120	4.0000	4.0000	
50	Link3	52.0000	Circular	3.1416	0.0130	2.0000	2.0000	
51	Link4	17.0000	Circular	3.1416	0.0130	2.0000	2.0000	
52	Link5	25.0000	Circular	3.1416	0.0130	2.0000	2.0000	
53	Link6	126.0000	Circular	3.1416	0.0130	2.0000	2.0000	
54	Link8	29.0000	Circular	3.1416	0.0130	2.0000	2.0000	
55	Link9	132.0000	Circular	3.1416	0.0130	2.0000	2.0000	
56	Link10	29.0000	Circular	3.1416	0.0130	2.0000	2.0000	
57	Link11	110.0000	Circular	3.1416	0.0130	2.0000	2.0000	
58	Link12	63.0000	Circular	3.1416	0.0130	2.0000	2.0000	
59	Link13	29.0000	Circular	1.7671	0.0130	1.5000	1.5000	
60	Link14	118.0000	Circular	1.7671	0.0130	1.5000	1.5000	
61	Link15	390.0000	Circular	19.6350	0.0130	5.0000	5.0000	
62	Link18	144.0000	Circular	12.5664	0.0130	4.0000	4.0000	
63	Link19	51.0000	Circular	12.5664	0.0130	4.0000	4.0000	
64	Link20	89.0000	Circular	12.5664	0.0130	4.0000	4.0000	
65	Link21	248.0000	Circular	19.6350	0.0130	5.0000	5.0000	
66	Link22	248.0000	Circular	19.6350	0.0130	5.0000	5.0000	
67	Link23	248.0000	Circular	19.6350	0.0130	5.0000	5.0000	

68	Link24	29.0000	Circular	1.7671	0.0130	1.5000	1.5000
69	Link27	165.0000	Circular	12.5664	0.0130	4.0000	4.0000
70	Link28	50.0000	Circular	12.5664	0.0130	4.0000	4.0000
71	Link29	29.0000	Circular	12.5664	0.0130	4.0000	4.0000
72	Link30	42.0000	Circular	12.5664	0.0130	4.0000	4.0000
73	Link32	89.0000	Circular	19.6350	0.0130	5.0000	5.0000
74	Link33	29.0000	Circular	3.1416	0.0130	2.0000	2.0000
75	Link34	42.0000	Circular	3.1416	0.0130	2.0000	2.0000
76	Link35	29.0000	Circular	3.1416	0.0130	2.0000	2.0000
77	Link36	126.0000	Circular	3.1416	0.0130	2.0000	2.0000
78	Link37	18.0000	Circular	7.0686	0.0130	3.0000	3.0000
79	Link38	239.0000	Circular	7.0686	0.0130	3.0000	3.0000
80	Link39	259.0000	Circular	28.2743	0.0130	6.0000	6.0000
81	Link40	133.0000	Circular	28.2743	0.0130	6.0000	6.0000
82	Link41	123.0000	Circular	28.2743	0.0130	6.0000	6.0000
83	Link42	186.0000	Circular	19.6350	0.0130	5.0000	5.0000
84	Link43	29.0000	Circular	1.7671	0.0130	1.5000	1.5000
85	Link46	98.0000	Circular	12.5664	0.0130	4.0000	4.0000
86	Link47	33.0000	Circular	12.5664	0.0130	4.0000	4.0000
87	Link48	234.0000	Circular	12.5664	0.0130	4.0000	4.0000
88	Link49	130.0000	Circular	28.2743	0.0130	6.0000	6.0000
89	Link50	58.0000	Circular	28.2743	0.0130	6.0000	6.0000
90	Link51	147.0000	Circular	28.2743	0.0130	6.0000	6.0000
91	Link52	29.0000	Circular	1.7671	0.0130	1.5000	1.5000
92	Link53	53.0000	Circular	1.7671	0.0130	1.5000	1.5000
93	Link54	125.0000	Circular	7.0686	0.0130	3.0000	3.0000
94	Link55	19.0000	Circular	7.0686	0.0130	3.0000	3.0000
95	Link56	29.0000	Circular	7.0686	0.0130	3.0000	3.0000
96	Link57	62.0000	Circular	7.0686	0.0130	3.0000	3.0000
97	Link58	41.0000	Circular	7.0686	0.0130	3.0000	3.0000
98	Link60	108.0000	Circular	1.7671	0.0130	1.5000	1.5000
99	Link61	29.0000	Circular	1.7671	0.0130	1.5000	1.5000
100	Link62	18.0000	Circular	1.7671	0.0130	1.5000	1.5000
101	Link63	119.0000	Circular	1.7671	0.0130	1.5000	1.5000
102	Link65	250.0000	Circular	3.1416	0.0130	2.0000	2.0000
103	Link67	280.0000	Circular	7.0686	0.0130	3.0000	3.0000
104	Link68	51.0000	Circular	7.0686	0.0130	3.0000	3.0000
105	Link69	132.0000	Circular	7.0686	0.0130	3.0000	3.0000
106	Link70	49.0000	Circular	7.0686	0.0130	3.0000	3.0000
107	Link71	132.0000	Circular	7.0686	0.0130	3.0000	3.0000
108	Link72	107.0000	Circular	7.0686	0.0130	3.0000	3.0000
109	Link73	29.0000	Circular	1.7671	0.0130	1.5000	1.5000
110	Link74	131.0000	Circular	1.7671	0.0130	1.5000	1.5000
111	Link75	29.0000	Circular	7.0686	0.0130	3.0000	3.0000
112	Link76	43.0000	Circular	7.0686	0.0130	3.0000	3.0000
113	Link77	18.0000	Circular	1.7671	0.0130	1.5000	1.5000
114	Link78	97.0000	Circular	1.7671	0.0130	1.5000	1.5000
115	Link79	29.0000	Circular	3.1416	0.0130	2.0000	2.0000
116	Link80	44.0000	Circular	3.1416	0.0130	2.0000	2.0000
117	Link81	119.0000	Circular	3.1416	0.0130	2.0000	2.0000
118	Link82	54.0000	Circular	3.1416	0.0130	2.0000	2.0000
119	Link83	105.0000	Circular	3.1416	0.0130	2.0000	2.0000
120	Link84	29.0000	Circular	3.1416	0.0130	2.0000	2.0000
121	Link85	133.0000	Circular	3.1416	0.0130	2.0000	2.0000
122	Link86	52.0000	Circular	7.0686	0.0130	3.0000	3.0000
123	Link87	108.0000	Circular	7.0686	0.0130	3.0000	3.0000
124	Link88	154.0000	Circular	7.0686	0.0130	3.0000	3.0000
125	Link89	105.0000	Circular	7.0686	0.0130	3.0000	3.0000
126	Link91	41.0000	Circular	7.0686	0.0130	3.0000	3.0000
127	Link92	29.0000	Circular	1.7671	0.0130	1.5000	1.5000
128	Link95	29.0000	Circular	1.7671	0.0130	1.5000	1.5000
129	Link96	131.0000	Circular	3.1416	0.0130	2.0000	2.0000
130	Link97	9.0000	Circular	3.1416	0.0130	2.0000	2.0000
131	Link98	102.0000	Circular	3.1416	0.0130	2.0000	2.0000
132	Link99	29.0000	Circular	3.1416	0.0130	2.0000	2.0000
133	Link100	131.0000	Circular	4.9087	0.0130	2.5000	2.5000
134	Link101	65.0000	Circular	3.1416	0.0130	2.0000	2.0000
135	Link102	61.0000	Circular	3.1416	0.0130	2.0000	2.0000
136	Link103	114.0000	Circular	3.1416	0.0130	2.0000	2.0000
137	Link104	29.0000	Circular	3.1416	0.0130	2.0000	2.0000
138	Link105	83.0000	Circular	3.1416	0.0130	2.0000	2.0000
139	Link106	45.0000	Circular	3.1416	0.0130	2.0000	2.0000
140	Link107	29.0000	Circular	1.7671	0.0130	1.5000	1.5000
141	Link108	204.0000	Circular	1.7671	0.0130	1.5000	1.5000
142	Link109	104.0000	Circular	1.7671	0.0130	1.5000	1.5000
143	Link110	29.0000	Circular	1.7671	0.0130	1.5000	1.5000
144	Link111	22.0000	Circular	1.7671	0.0130	1.5000	1.5000

145	Link112	119.0000	Circular	1.7671	0.0130	1.5000	1.5000	
146	Link113	106.0000	Circular	3.1416	0.0130	2.0000	2.0000	
147	Link114	29.0000	Circular	3.1416	0.0130	2.0000	2.0000	
148	Link115	19.0000	Circular	3.1416	0.0130	2.0000	2.0000	
149	Link116	103.0000	Circular	3.1416	0.0130	2.0000	2.0000	
150	Link117	51.0000	Circular	3.1416	0.0130	2.0000	2.0000	
151	Link118	223.0000	Circular	3.1416	0.0130	2.0000	2.0000	
152	Link119	97.0000	Circular	1.7671	0.0130	1.5000	1.5000	
153	Link120	29.0000	Circular	1.7671	0.0130	1.5000	1.5000	
154	Link121	23.0000	Circular	1.7671	0.0130	1.5000	1.5000	
155	Link122	119.0000	Circular	1.7671	0.0130	1.5000	1.5000	
156	Link123	75.0000	Circular	7.0686	0.0130	3.0000	3.0000	
157	Link124	12.0000	Circular	3.1416	0.0130	2.0000	2.0000	
158	Link125	137.0000	Circular	3.1416	0.0130	2.0000	2.0000	
159	Link126	131.0000	Circular	3.1416	0.0130	2.0000	2.0000	
160	Link127	29.0000	Circular	3.1416	0.0130	2.0000	2.0000	
161	Link128	95.0000	Circular	3.1416	0.0130	2.0000	2.0000	
162	Link129	57.0000	Circular	3.1416	0.0130	2.0000	2.0000	
163	Link130	85.0000	Circular	3.1416	0.0130	2.0000	2.0000	
164	Link132	138.0000	Circular	3.1416	0.0130	2.0000	2.0000	
165	Link133	82.0000	Circular	3.1416	0.0130	2.0000	2.0000	
166	Link134	41.0000	Circular	3.1416	0.0130	2.0000	2.0000	
167	Link135	153.0000	Circular	7.0686	0.0130	3.0000	3.0000	
168	Link136	31.0000	Circular	12.5664	0.0130	4.0000	4.0000	
169	Link137	41.0000	Circular	19.6350	0.0130	5.0000	5.0000	
170	Link139	91.0000	Circular	3.1416	0.0130	2.0000	2.0000	
171	Link140	29.0000	Circular	3.1416	0.0130	2.0000	2.0000	
172	Link141	229.0000	Circular	3.1416	0.0130	2.0000	2.0000	
173	Link142	64.0000	Circular	3.1416	0.0130	2.0000	2.0000	
174	XS #7b	1100.0000	Natural	181.5410	0.0300	41.0700	9.1100	
175	L-33	129.0000	Circular	4.9087	0.0130	2.5000	2.5000	
176	L-33A	54.0000	Circular	4.9087	0.0130	2.5000	2.5000	
177	L-33B	76.0000	Circular	4.9087	0.0130	2.5000	2.5000	
178	L-33C	351.0000	Trapezoid	60.0000	0.0350	5.0000	3.0000	5.0000
5.0000								
179	L-33D	64.0000	Circular	4.9087	0.0130	2.5000	2.5000	
180	L-33E	209.0000	Circular	4.9087	0.0130	2.5000	2.5000	
181	Link258	204.0000	Circular	3.1416	0.0130	2.0000	2.0000	
182	Link259	400.0000	Circular	19.6350	0.0130	5.0000	5.0000	
183	Link262	65.0000	Circular	3.1416	0.0130	2.0000	2.0000	
184	Link263	30.0000	Circular	19.6350	0.0130	5.0000	5.0000	
185	Link264	29.0000	Circular	1.7671	0.0130	1.5000	1.5000	
186	Link266	100.0000	Circular	1.7671	0.0130	1.5000	1.5000	
187	Link267	140.0000	Circular	28.2743	0.0130	6.0000	6.0000	
188	Link268	41.0000	Circular	1.7671	0.0130	1.5000	1.5000	
189	Link270	62.0000	Circular	1.7671	0.0130	1.5000	1.5000	
190	Link271	52.0000	Circular	1.7671	0.0130	1.5000	1.5000	
191	Link272	212.0000	Circular	19.6350	0.0130	5.0000	5.0000	
192	Link273	352.0000	Circular	19.6350	0.0130	5.0000	5.0000	
193	Link274	87.0000	Circular	1.7671	0.0130	1.5000	1.5000	
194	Link275	261.0000	Circular	1.7671	0.0130	1.5000	1.5000	
195	Link276	225.0000	Circular	1.7671	0.0130	1.5000	1.5000	
196	Link277	58.0000	Circular	1.7671	0.0140	1.5000	1.5000	
197	Link278	105.0000	Circular	7.0686	0.0130	3.0000	3.0000	
198	Link279	42.0000	Circular	7.0686	0.0130	3.0000	3.0000	
199	Link280	22.0000	Circular	3.1416	0.0140	2.0000	2.0000	
200	Link281	29.0000	Circular	1.7671	0.0130	1.5000	1.5000	
201	Link282	111.0000	Circular	1.7671	0.0130	1.5000	1.5000	
202	Link283	61.0000	Circular	7.0686	0.0130	3.0000	3.0000	
203	Link284	209.0000	Circular	1.7671	0.0130	1.5000	1.5000	
204	Link285	115.0000	Circular	1.7671	0.0130	1.5000	1.5000	
205	Link286	52.0000	Circular	1.7671	0.0130	1.5000	1.5000	
206	Link287	40.0000	Circular	1.7671	0.0140	1.5000	1.5000	
207	Link288	110.0000	Circular	3.1416	0.0140	2.0000	2.0000	
208	Link289	40.0000	Circular	1.7671	0.0140	1.5000	1.5000	
209	Link290	160.0000	Circular	3.1416	0.0140	2.0000	2.0000	
210	Spanish1	45.0000	Circular	4.9087	0.0120	2.5000	2.5000	
211	IndianDr1	42.0000	Circular	7.0686	0.0130	3.0000	3.0000	
212	2@42" RCP	64.0000	Circular	9.6211	0.0130	3.5000	3.5000	
213	2@24"	40.0000	Circular	3.1416	0.0130	2.0000	2.0000	
214	Seaweed.1	48.4149	Circular	4.9087	0.0120	2.5000	2.5000	
Total length of all conduits				27309.8734	feet			

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 | Table E15 - SPREADSHEET INFO LIST |
 | Conduit Flow and Junction Depth Information for use in |
 | spreadsheets. The maximum values in this table are the |
 | true maximum values because they sample every time step. |
 | The values in the review results may only be the |
 | maximum of a subset of all the time steps in the run. |
 | Note: These flows are only the flows in a single barrel. |
 *=====

Conduit Name	Maximum Flow (cfs)	Total Flow (ft^3)	Maximum Velocity (ft/s)	Maximum Volume (ft^3)	##	Junction Name	Invert Elevation (ft)	Maximum Elevation (ft)
XS #1A	129.5573	5128407.578	2.9580	36186.9041	##	2	18.4100	25.4036
XS #2	112.1878	8584699.581	1.2506	37362.4767	##	4	18.5300	26.5451
XS #3	114.6009	8584431.987	1.4130	17004.0144	##	8	18.3000	26.2277
XS #4	142.3600	9559415.951	1.4254	12488.6559	##	15	18.2000	26.1698
XS #5	139.9492	9548238.563	1.7934	86607.7639	##	17	18.1000	23.7234
XS #6	134.5281	9536269.784	1.3868	66154.4153	##	19	18.0000	23.3362
XS #7a	117.4310	9526104.861	1.8083	39733.1306	##	25	17.2000	22.1521
XS #8	131.1649	9806702.722	2.4152	66506.4458	##	New Pond	10.0000	21.8942
XS #9	-222.3382	-15754655.9	-2.7825	7804.3332	##	32	15.4900	21.6138
XS #10	112.8040	15722071.09	5.8867	21946.2379	##	34	14.3200	21.8208
STUB	360.0571	18958096.23	15.5770	115.3749	##	36	14.3200	20.5565
FRONTAGE	434.0702	19338932.36	21.4025	1435.9248	##	38	11.9200	20.0342
HWY 17 S	436.9164	19491494.32	15.4187	1777.9250	##	41	10.9400	19.3965
HWY 17 N	447.8110	19671387.35	15.7966	2012.0608	##	45	9.1200	18.7309
PARKINGLOT	-494.4664	-20331068.8	-17.4247	2015.5648	##	48	9.6000	17.8110
TO LAKE	-494.4679	-20329348.7	-17.4966	5098.1933	##	52	22.6000	27.3464
61	163.8456	1572149.107	3.3100	17227.8218	##	55	22.1000	28.1790
62	89.0576	1556037.492	2.1086	63874.5652	##	56	22.5000	29.0919
XS #3a	142.6508	9560395.005	1.6397	5447.4529	##	63	18.4000	26.2848
XS MALLARD	117.2161	976944.7320	4.5619	6114.5590	##	64	20.4100	26.3102
80	-54.9943	-757867.696	-3.0552	2692.8880	##	68	20.9600	26.3252
8x4 Box	509.2708	21877978.71	15.9035	2176.8531	##	76	19.0000	24.6426
Clvt 10	-87.2612	-2882197.42	-3.6824	1526.0877	##	78	21.5000	24.6436
Palmtto Lk	31.2014	2869876.818	0.9704	52298.0389	##	Lk-Elzbth	7.6700	12.2509
Clvt 7	30.8190	2854382.096	3.0191	428.4892	##	Dgwood Lk	3.9500	8.5356
Chan A	30.8168	2852944.140	1.3799	6024.5669	##	44b	6.2300	8.5253
Clvt 6	30.8204	2851746.894	3.6796	341.7574	##	46b	5.4600	8.4717
Chan B	30.8271	2851005.436	1.8160	3568.4931	##	48b	5.1700	8.3641
Clvt 5	30.8434	2850525.629	3.2305	401.7154	##	50b	5.1700	8.0431
Chan C	-30.8862	-2849613.09	-1.4698	8460.1033	##	52b	5.3500	7.8561
Chan D	118.8609	5018122.547	2.3931	8039.3220	##	54b	4.5200	7.3662
Oak Clvt	59.4397	5018217.797	3.4290	1274.7094	##	56b	4.3800	7.2277
Chan E	118.9037	5018256.288	2.0508	9244.9354	##	Myrtle Lk	4.2000	6.4424
Clvt2 Out	128.5149	9584241.168	4.4451	2277.5289	##	60b	2.5700	6.1977
Clvt1 Out	-558.4857	-20731137.1	-19.9200	1177.6983	##	Holly Lk	4.7500	6.7674
Lined Ch	558.4861	20731210.74	7.1918	5823.4126	##	63b	4.3300	6.6030
XS #1B	65.2623	4686529.772	2.8337	22923.3709	##	65b	4.2400	6.5198
ToLake	-89.7553	-3644976.73	-1.7064	28043.7985	##	69b	2.5100	6.0000
Link224	-62.3533	-997334.999	-12.4151	422.5667	##	71b	3.4200	7.3768
Link225	209.4721	1316566.665	29.4897	471.6696	##	73b	5.3000	9.9273
18"RCP	52.9549	254788.4086	35.0713	16.2507	##	38b	3.2300	8.3853
36"Stub	26.5762	126198.2224	13.3706	59.2768	##	Channel	3.2600	6.8259

18"RCP2	12.4154	84485.9827	8.2514	27.1292	##	1B	20.9000	25.4336
10"RCP1	10.5062	68195.1302	7.6721	27.1292	##	1A	20.9000	27.0453
12"RCP1	12.8160	87863.2090	16.1983	12.0353	##	53A	20.9044	27.3442
12"RCP2	12.5784	92193.4815	15.8996	12.0353	##	53B	20.9206	27.3049
24"RCP 1	12.2049	81534.3050	6.6593	79.3085	##	Node214	26.0000	31.5671
24" RCP 2	12.1979	81543.2006	3.8467	65.8681	##	Node215	22.0000	35.1097
48" RCP	28.5526	126240.0124	6.1080	902.3918	##	Ditch	20.0000	22.1759
Link3	4.5483	28319.1585	3.2466	171.2571	##	Node217	17.0600	20.6120
Link4	4.1799	25812.6859	9.7884	23.7981	##	Node219	17.5000	20.6086
Link5	-27.7948	15540.2172	-8.7640	79.0651	##	Node220	15.0000	20.1161
Link6	-11.1368	15893.0391	-3.7071	398.2678	##	CB 2	15.0000	20.0265
Link8	3.2423	13790.5557	-1.3968	95.5088	##	CB 1	15.0000	20.0331
Link9	6.3117	26792.3115	2.0000	420.2832	##	Node223	18.0000	20.2389
Link10	6.0486	37261.9434	-2.0316	95.5088	##	Node224	18.0000	20.1742
Link11	6.4534	39349.5606	-2.2893	362.2747	##	Node225	16.0000	20.0591
Link12	10.1720	56087.2296	3.2155	201.5347	##	1	21.1000	27.0719
Link13	2.4435	10425.7483	3.4512	53.4429	##	6	18.4000	26.3589
Link14	3.9678	16998.1639	4.5232	211.6995	##	21	17.9000	23.2582
Link15	55.7857	3821089.331	3.0573	7900.2694	##	23	17.5000	22.7489
Link18	9.6161	235296.2002	1.9397	1881.8384	##	27	14.2700	21.9248
Link19	9.5656	235408.8427	2.0166	668.5823	##	CI-73	20.3100	23.2417
Link20	9.5301	235452.5161	2.3743	1172.4527	##	CI-72	20.6700	23.2422
Link21	60.7210	4093560.319	3.1235	5104.7801	##	Pond 17	19.0000	23.9013
Link22	60.8362	4116983.344	3.1277	5104.7801	##	JB 80	20.0000	24.1229
Link23	61.2830	4127683.458	3.1480	5104.7801	##	CB-76	21.1000	25.1049
Link24	3.1174	13248.3534	2.4111	53.7237	##	CI-75	18.4800	23.2378
Link27	-32.6212	145161.0502	-3.0024	2173.6483	##	CI-74	18.1900	23.2377
Link28	38.6496	2961771.575	4.0795	658.6813	##	Pond 3	14.0000	23.2371
Link29	38.7277	2977515.189	3.0669	382.0352	##	CI-71	18.0000	23.2410
Link30	38.8523	3002333.310	-3.4236	552.1844	##	CI-70	17.9300	23.2403
Link32	55.4091	3821399.186	3.0578	1741.5992	##	JB-67	17.6500	23.2390
Link33	3.1057	13038.5963	2.6764	77.9315	##	CI-69	21.7700	23.2400
Link34	5.6403	23810.8068	3.7513	126.8354	##	CI-68	21.4800	23.2399
Link35	7.3989	31083.5190	2.8993	95.5088	##	JB #12	18.5000	23.6491
Link36	13.2370	55861.5264	5.2427	398.5286	##	JB #11	18.1100	23.4639
Link37	-7.1509	14228.6205	3.7892	128.9326	##	JB-12	18.9600	23.1822
Link38	2.1728	14297.1404	1.2214	1768.4428	##	JB-11	18.8100	23.1804
Link39	64.6178	4318204.884	2.3045	7676.9306	##	JB-10	18.7600	23.1791
Link40	65.7916	4366761.731	2.3497	3942.2076	##	CB-09	17.5400	23.1777
Link41	66.0672	4384328.820	2.3646	3645.8010	##	CB-08	17.2900	23.0259
Link42	64.1927	4288599.355	3.2882	3828.5851	##	CB-07	17.0500	22.8746
Link43	4.4795	18942.8150	2.7004	53.4437	##	CB-06	16.8000	22.7502
Link46	21.9880	415714.0777	2.5603	1291.0152	##	CI #66-B	20.7200	22.7543
Link47	21.9853	415786.0991	2.6712	434.7297	##	CI #66-A	20.5700	22.7540
Link48	21.9842	415379.8996	2.7133	3082.6285	##	Pond 2	14.0000	22.7512
Link49	97.3600	5900766.333	3.3190	3853.2856	##	Pond 7	15.0000	24.1332
Link50	98.5068	5988835.744	3.3332	1719.1582	##	CI-81	16.7500	24.0336
Link51	98.5276	5987249.183	3.3492	4357.1768	##	CI-82	16.6800	23.9821
Link52	-7.6079	10769.3696	-4.2731	52.3607	##	Pond 5	15.0000	23.9671
Link53	-10.0215	22377.1429	-5.6136	95.8284	##	JB #14	18.9800	23.9386
Link54	20.5445	925392.3877	2.7975	926.2706	##	CI #119	22.6700	24.1333
Link55	20.5474	925422.3448	2.8498	140.7931	##	CI #118	22.3800	24.1333
Link56	20.7187	949903.9955	2.8306	214.8948	##	CI-84	20.9100	24.1340
Link57	20.8456	967896.2638	3.1523	459.4302	##	CI-83	20.7600	24.1339
Link58	20.8482	967931.1966	3.1346	303.8168	##	CB-16	19.0000	22.6368
Link60	-2.2576	20272.6887	-1.5489	193.9409	##	JB-15	18.0000	22.6368

Link61	5.5914	40413.2290	3.1267	53.7237	##	CB-05	15.7000	22.6367
Link62	8.3501	54004.2440	4.6707	33.3457	##	CB-04	15.5100	22.5098
Link63	8.3557	53885.4524	4.6792	214.7156	##	CB-03	15.4400	22.4546
Link65	9.9019	52608.5783	3.1336	791.9451	##	JB #02	15.4000	22.4143
Link67	41.2096	122814.1314	5.7862	2072.9212	##	CI-64	20.7100	22.5703
Link68	-61.1900	121734.5389	-8.5835	364.0693	##	CI-63	21.0000	22.5710
Link69	-20.5362	493749.5535	4.2875	978.0684	##	CB-19A	17.6900	22.5420
Link70	-35.8139	492124.3161	-5.2425	363.0981	##	JB-18	17.5900	22.5039
Link71	11.0587	839647.0718	1.5583	946.5788	##	JB-17	17.4900	22.4747
Link72	-29.8748	1237890.917	-4.1981	765.8925	##	CB-01	15.0800	22.2570
Link73	2.9797	12625.6556	3.2311	53.4430	##	CB-00	14.5000	22.1087
Link74	7.4867	31639.4489	6.3461	237.0955	##	CI-60	16.4900	22.9594
Link75	-13.3218	256792.9761	-3.4586	214.8948	##	CI-59	16.3400	22.9592
Link76	-16.7372	270533.5870	-3.4588	318.6371	##	Pond 1-A	15.0000	22.9582
Link77	3.2716	4069.6551	1.8412	33.3457	##	JB-24	18.6900	22.8426
Link78	-2.6071	15927.8727	2.2017	175.1976	##	CI-23	18.6400	22.7808
Link79	4.8020	26555.2740	1.8888	95.5088	##	CI-22	18.5700	22.7114
Link80	13.8318	41549.1342	3.1972	144.9099	##	JB-21	18.4100	22.6229
Link81	17.6680	41738.8569	9.6122	381.2265	##	Pond 14	12.0000	22.5457
Link82	6.2442	32093.3472	2.5173	177.8439	##	CB 19B	18.4000	22.5471
Link83	10.2654	61395.5333	3.2572	342.5252	##	CB-58	18.2000	22.9753
Link84	13.5625	76686.1792	4.3023	95.5088	##	CI-57	17.6600	22.9737
Link85	18.3211	97465.8061	5.8135	423.0963	##	CI-56	17.5100	22.9713
Link86	5.1960	31606.3093	2.1252	384.3764	##	JB-55	17.4200	22.9676
Link87	8.5071	52630.6746	1.5126	797.6306	##	CB-114	22.0000	23.6122
Link88	8.3328	52526.1747	1.2202	1124.2586	##	CB #116	20.8000	24.1689
Link89	10.5422	67706.8629	-2.6032	778.0672	##	CB #115	19.5500	24.1688
Link91	-25.3511	88607.0869	-3.4387	292.5537	##	Pond 8	15.0000	24.1687
Link92	1.3182	5410.7640	4.5421	51.5975	##	Pond 10	15.0000	24.2629
Link95	4.0020	16788.3250	7.6045	51.6071	##	JB-87	16.7300	25.1322
Link96	-17.7249	55009.1443	-5.6109	418.7885	##	Pond 9-A	15.0000	24.1991
Link97	14.7971	105675.6221	4.6765	29.6407	##	JB #123	16.1300	24.1856
Link98	16.0208	116791.0733	5.0673	333.5618	##	Pond 9-B	15.0000	24.1819
Link99	18.1937	126052.4049	5.7606	95.5088	##	Pond 9-C	15.0000	24.1617
Link100	20.0090	133640.8458	4.0629	655.0297	##	CI-89	21.7900	24.1997
Link101	9.2848	70255.7302	3.2005	213.7859	##	CI-88	21.5000	24.1997
Link102	9.8938	74952.5647	3.1470	200.8813	##	CI-86	17.5800	24.1623
Link103	11.2954	85348.5656	3.5746	361.5112	##	CI-85	17.2900	24.1621
Link104	13.7773	96694.2250	4.3524	95.5088	##	CB-94	20.2000	24.2000
Link105	15.2393	103447.7262	4.8158	264.1712	##	CB-93	20.1100	24.2000
Link106	17.5062	114419.3624	5.5212	148.2033	##	CI-92	19.1300	24.1997
Link107	1.0472	4652.3550	2.0810	53.7237	##	CI-91	18.9800	24.1997
Link108	2.4677	11300.2416	3.4657	366.8003	##	JB-90	18.8400	24.1995
Link109	1.2642	7520.5215	1.2619	185.5011	##	CB-49	20.0000	22.9754
Link110	6.3337	30947.8462	3.5553	53.7237	##	CB-48	19.7300	22.9747
Link111	10.9561	50832.8799	6.1541	40.7559	##	CI-47	19.2100	22.9713
Link112	10.9310	50826.2950	6.1527	213.4379	##	CI-46	19.0600	22.9682
Link113	9.5766	33074.8740	3.0022	343.1234	##	CB #54-A	19.7000	22.9615
Link114	12.7324	90150.1221	3.9849	95.5087	##	CB-53	19.1800	22.9614
Link115	18.3985	130372.9425	5.7586	62.5747	##	JB-52	18.6400	22.9609
Link116	18.3833	130115.3241	5.7620	333.8593	##	CI-51A	17.8700	22.9605
Link117	18.3691	129788.4032	5.7673	167.9637	##	JB-50	16.9500	22.9590
Link118	18.3583	129366.0024	5.7730	715.5197	##	CI-51B	20.9300	22.9605
Link119	3.8678	24748.1302	2.1800	175.2090	##	CI-45	22.3600	23.4039
Link120	6.2114	37776.3809	3.4967	53.7237	##	CI-41	15.7600	23.2303
Link121	10.1857	55166.7119	5.7361	42.6084	##	Pond 1-B	15.0000	23.0266

Link122	10.1833	55162.6779	5.7445	214.4865	##	CB-40	19.0000	23.7464
Link123	19.5847	317085.6508	3.3470	552.7011	##	CB-39	18.9500	23.6146
Link124	9.2743	95086.2230	9.4549	29.2608	##	CI-38	18.4400	23.2916
Link125	9.2797	95110.4462	3.4814	443.3945	##	CI-37	17.8000	23.1244
Link126	10.0221	104475.9090	3.1821	423.2440	##	CB-34	20.3200	24.2302
Link127	11.4538	120649.6036	3.6367	95.5087	##	CB-33	19.9900	24.0577
Link128	13.5023	129687.0683	4.2885	312.8484	##	CB-32	19.6900	23.8798
Link129	13.4917	129609.1976	4.2848	180.3858	##	CI-31	18.6200	23.5833
Link130	14.7348	205833.2622	4.5350	270.6718	##	CI-30	18.4700	23.4357
Link132	-7.4969	26958.3926	-2.4415	445.7883	##	JB-29	17.0600	23.1793
Link133	-12.5179	26824.8506	-4.1040	264.1850	##	CI-35	21.2200	23.1819
Link134	-18.2267	47680.5530	-5.7638	130.5712	##	CI-36	21.0800	23.1817
Link135	37.2084	559267.5597	5.2393	1096.6720	##	CB-28	21.0000	23.9293
Link136	9.6659	235195.0124	1.8993	399.8287	##	CI-27	20.4800	23.9040
Link137	23.8038	1042084.607	1.2217	843.9354	##	CI-26	20.3400	23.6556
Link139	4.1249	25725.9648	-1.8439	297.2895	##	JB-25	20.2300	23.0660
Link140	-6.0225	25510.1089	-2.8491	95.5088	##	CB-104	18.3000	25.4431
Link141	-9.6591	25154.9731	-3.2399	731.9293	##	CI-103	17.7700	25.3959
Link142	14.0263	301204.5629	4.8120	202.3228	##	CI-102	17.6300	25.1619
XS #7b	131.1586	9814745.046	2.0014	73696.2312	##	JB-101	17.5300	24.6724
L-33	16.9044	105923.7463	5.8879	534.7798	##	JB-100	17.0100	24.2064
L-33A	17.4376	109761.6750	6.2598	266.0242	##	JB-99	16.7600	24.2050
L-33B	19.1903	120572.6590	4.4090	390.9032	##	Pond 11	15.5000	24.2016
L-33C	28.3791	282128.3011	0.8998	21060.0000	##	CB-98	20.9000	24.2048
L-33D	25.1174	282202.2056	5.0978	329.3407	##	CI-97	20.4200	24.2044
L-33E	19.6891	336409.1363	3.9871	1075.5031	##	CI-96	20.2700	24.2040
Link258	35.4885	777166.3953	11.2074	405.9606	##	JB-95	20.1600	24.2033
Link259	55.4738	3821275.328	3.1547	7923.1793	##	Pond 12	20.0000	26.3879
Link262	5.0647	31725.4772	3.5201	206.3102	##	JB-109	23.5000	25.9132
Link263	39.9575	3044117.938	2.7726	587.1291	##	CB-108	22.8100	25.6114
Link264	2.5433	10781.6049	3.8171	53.4434	##	CI-107	22.1600	25.2583
Link266	9.7257	40958.1236	5.4471	182.2458	##	CI-106	22.0100	25.0276
Link267	65.3950	4357866.916	2.3323	4149.6922	##	JB-105	21.5400	24.5924
Link268	5.0650	21550.2425	7.6140	74.0677	##	Pond 15	18.0000	24.3070
Link270	5.6920	24326.9229	4.3934	114.2086	##	Pond 13	18.0000	23.4315
Link271	5.6336	24318.3406	6.8345	93.9396	##	Node137	17.4000	22.5840
Link272	55.7329	3821019.597	2.9532	4325.2088	##	CB-112	20.3700	24.3477
Link273	56.0496	3820860.703	2.9361	7238.3362	##	CB-111	19.6800	24.3296
Link274	2.4941	13021.1181	4.1755	43.0567	##	CB-110	19.2700	24.3162
Link275	4.7687	24900.4012	4.8684	438.8347	##	OS 13	19.0000	23.1833
Link276	3.2404	19764.4083	2.9259	407.5246	##	OS 20	16.5000	22.4239
Link277	5.1189	24056.4909	3.7014	104.7352	##	CB-44	17.5000	23.2441
Link278	-22.6534	492733.7066	-3.3284	778.0672	##	JB-42	17.0500	23.2009
Link279	8.6291	243062.3437	-2.1949	311.2269	##	JB-43	16.9000	23.1793
Link280	-12.6739	52059.6374	-4.1741	70.9748	##	OS #113	21.0000	23.0299
Link281	2.5411	10783.1825	3.1124	53.4433	##	N-33A	21.0000	23.5485
Link282	5.0629	21567.7403	4.8433	197.7348	##	N-33B	19.6000	23.5108
Link283	-15.3369	88920.1134	-3.1648	449.1973	##	N-33C	19.1700	23.4704
Link284	5.9900	43383.5666	3.3677	387.1811	##	N-33D	18.5300	23.4621
Link285	4.7887	19613.7269	6.3805	34.6143	##	N-33E	18.2500	23.1731
Link286	1.8273	7558.6235	2.5422	38.3965	##	CB #120	25.7000	30.3775
Link287	8.2682	44312.0295	4.6193	74.1016	##	OS #5	17.0000	23.9443
Link288	13.8175	96122.6745	4.3650	361.9966	##	JB #13	18.9000	23.8405
Link289	2.0689	12953.9814	1.1613	74.1016	##	CI #19-D	20.9900	22.7523
Link290	8.2605	51842.5103	2.7189	524.1814	##	CI #19-C	20.7000	22.7521
Spanish1	106.1068	-4225474.95	21.7787	231.5676	##	JB #62	15.5800	22.5657

IndianDr1	105.7108	9436828.075	14.8135	311.2269	##	JB #65	20.2600	22.7525
2@42" RCP	58.7676	9531584.878	6.0878	1212.7770	##	JB #10	17.8900	23.3384
2@24"	38.2296	854064.0862	12.0693	256.1409	##	CB #126	23.7000	24.2462
Seaweed.1	-37.1894	-1940898.93	-7.5440	474.2986	##	CB #125	22.7300	23.4842
Screen.1	225.2230	15730510.69	5.6418	40398.6459	##	CB #122	19.7000	22.7554
WEIR#1	-77.3413	-249861.247	0.0000	0.0000	##	JB #121	19.1200	22.7524
WEIR#2	42.0514	121912.3465	0.0000	0.0000	##	JB #113-B	16.5500	24.1914
WEIR#3	0.0000	0.0000	0.0000	0.0000	##	OS #117	17.0000	24.1626
Dway Top	0.0000	0.0000	0.0000	0.0000	##	CI #54-C	21.0100	22.9615
WEIR#5	76.7113	127984.2644	0.0000	0.0000	##	CI #54-B	20.7200	22.9613
WEIR#8	-24.3854	-348006.065	0.0000	0.0000	##	JB #50-B	17.5600	22.9598
WEIR#9	-30.5216	-411097.266	0.0000	0.0000	##	Node43D	24.0000	24.6652
WEIR#10	72.9772	824408.0163	0.0000	0.0000	##	Node43C	24.2000	24.8422
WEIR#11	140.6722	4106829.609	0.0000	0.0000	##	Node274	19.4500	24.0000
WEIR#12	0.0000	0.0000	0.0000	0.0000	##	Node275	19.3300	23.9608
WEIR#13	295.6089	16947022.55	0.0000	0.0000	##	Node276	20.8200	24.4071
WEIR#14	558.4847	20730277.21	0.0000	0.0000	##	Node277	20.7200	24.3927
WEIR#15	0.0000	0.0000	0.0000	0.0000	##			
WEIR#16	257.0287	9584253.900	0.0000	0.0000	##			
WEIR#17	0.0000	0.0000	0.0000	0.0000	##			
WeirA	31.8450	2192507.224	0.0000	0.0000	##			
WeirB	34.1301	2497683.732	0.0000	0.0000	##			
Weir1	71.8383	1721026.883	0.0000	0.0000	##			
WEIR#6	15.7799	174734.5595	0.0000	0.0000	##			
WEIR#7	-78.9175	1758460.905	0.0000	0.0000	##			
Weir13-1.1	6.1597	173258.1310	0.0000	0.0000	##			
Weir13-2	4.4245	60926.2786	0.0000	0.0000	##			
Throat 13	0.4433	1004.5405	0.0000	0.0000	##			
Riser13	0.0000	0.0000	0.0000	0.0000	##			
Weir-1	34.2286	2523511.131	0.0000	0.0000	##			
Throat	27.9205	520313.3829	0.0000	0.0000	##			
Riser	0.0000	0.0000	0.0000	0.0000	##			
Weir14-1	5.3101	266809.7911	0.0000	0.0000	##			
Weir20-2	18.5889	728846.1342	0.0000	0.0000	##			
Throat20	7.2145	46334.1197	0.0000	0.0000	##			
Grate20	0.0000	0.0000	0.0000	0.0000	##			
Weir1-#8	8.6578	234578.0463	0.0000	0.0000	##			
Throat#8	0.9874	8638.0611	0.0000	0.0000	##			
Riser#8	0.0000	0.0000	0.0000	0.0000	##			
Weir 1	5.1676	226115.6588	0.0000	0.0000	##			
Throat13	9.2251	74999.0351	0.0000	0.0000	##			
Grate	0.0000	0.0000	0.0000	0.0000	##			
FREE # 1	257.0298	9584290.273	0.0000	0.0000	##			
FREE # 2	558.4861	20731325.17	0.0000	0.0000	##			

Table E16. New Conduit Information Section #
Conduit Invert (IE) Elevation and Conduit #
Maximum Water Surface (WS) Elevations #
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Conduit Name	Upstream Node	Downstream Node	IE Up	IE Dn	WS Up	WS Dn	Conduit Type
XS #1A	1	1A	21.1000	20.9000	27.0719	27.0453	Natural
XS #2	4	6	18.5300	18.4000	26.5451	26.3589	Natural
XS #3	6	63	18.4000	18.4000	26.3589	26.2848	Natural
XS #4	8	15	18.3000	18.2000	26.2277	26.1698	Natural
XS #5	17	19	18.1000	18.0000	23.7234	23.3362	Natural
XS #6	19	21	18.0000	17.9000	23.3362	23.2582	Natural
XS #7a	23	Node137	17.5000	17.4000	22.7489	22.5840	Natural
XS #8	25	27	17.2000	15.6000	22.1521	21.9248	Natural
XS #9	New Pond	27	16.2000	15.6000	21.8942	21.9248	Natural
XS #10	32	34	15.5000	15.0000	21.6138	21.8208	Circular
STUB	34	36	15.3000	14.5000	21.8208	20.5565	Circular
FRONTAGE	36	38	14.3200	12.1000	20.5565	20.0342	Circular
HWY 17 S	38	41	11.9200	11.0000	20.0342	19.3965	Circular
HWY 17 N	41	45	10.9400	9.8900	19.3965	18.7306	Circular
PARKINGLOT	48	45	9.9000	9.1200	17.8110	18.7309	Circular
TO LAKE	Lk-Elzbth	48	9.8700	9.6100	15.5066	17.8109	Circular
61	56	55	22.5000	22.1000	29.0919	28.1790	Natural
62	55	1	22.1000	21.1000	28.1790	27.0719	Natural
XS #3a	63	8	18.4000	18.3000	26.2848	26.2277	Natural
XS MALLARD	64	63	20.4100	18.4000	26.3102	26.2848	Natural
80	78	68	21.5000	20.9600	24.6436	26.3252	Natural
8x4 Box	73b	Dgwood Lk	5.3000	5.0300	9.9273	9.0300	Rectangle
Clvt 10	44b	Dgwood Lk	6.2300	5.4200	8.5253	8.5356	Rectangle
Palmt0 Lk	44b	46b	6.2300	5.4600	8.5253	8.4717	Natural
Clvt 7	46b	48b	5.4600	5.1700	8.4717	8.3641	Circular
Chan A	48b	50b	5.5100	5.1700	8.3641	8.0431	Natural
Clvt 6	50b	52b	5.5100	5.3500	8.0431	7.8561	Circular
Chan B	52b	54b	5.3500	4.5200	7.8561	7.3662	Natural
Clvt 5	54b	56b	4.5200	4.3800	7.3662	7.2277	Circular
Chan C	Myrtle Lk	56b	4.5000	4.3800	6.4424	7.2277	Natural
Chan D	Holly Lk	63b	4.7500	4.3300	6.7674	6.6030	Trapezoid
Oak Clvt	63b	65b	4.3300	4.2400	6.6030	6.5198	Rectangle
Chan E	65b	Myrtle Lk	4.2400	4.2000	6.5198	6.4424	Trapezoid
Clvt2 Out	60b	69b	2.5700	2.5100	6.1977	6.0000	Rectangle
Clvt1 Out	71b	38b	3.4600	3.2300	7.4600	8.3853	Rectangle
Lined Ch	71b	Channel	3.4200	3.2600	7.3768	6.8259	Natural
XS #1B	1B	2	20.9000	20.7000	25.4336	25.4036	Natural
ToLake	1	53B	21.1000	20.9206	27.0719	27.3049	Natural
Link224	53A	Node215	24.0004	22.0000	27.3442	35.1097	Circular
Link225	Node214	53A	26.0000	24.0004	31.5671	27.3442	Circular
18"RCP	Ditch	36	20.0000	14.3200	22.1759	20.5565	Circular
36"Stub	Node219	Node217	17.5000	17.0600	20.6086	20.6121	Circular
18"RCP2	CB 2	38	15.0000	13.0000	20.0265	20.0342	Circular
18"RCP1	CB 1	38	15.0000	13.0000	20.0331	20.0342	Circular
12"RCP1	Node223	41	18.0000	15.0000	20.2389	19.3965	Circular
12"RCP2	Node224	41	18.0000	15.0000	20.1742	19.3965	Circular
24"RCP 1	Node225	Node220	16.0000	15.0000	20.0591	20.1161	Circular
24" RCP 2	Node220	CB 2	15.0000	15.0000	20.1161	20.0265	Circular
48" RCP	Node217	36	17.0600	14.3200	20.6120	20.5565	Circular
Link3	CI-72	CI-73	20.6700	20.4100	23.2422	23.2417	Circular
Link4	Pond 17	CI-72	23.6000	20.7700	23.9013	23.2422	Circular
Link5	JB 80	Pond 17	20.0000	19.8000	24.1229	23.9013	Circular
Link6	CB-76	JB 80	21.1000	20.0000	25.1049	24.1229	Circular
Link8	CI-75	CI-74	18.4800	18.1900	23.2378	23.2377	Circular
Link9	CI-74	Pond 3	18.1900	17.0000	23.2377	23.2371	Circular
Link10	CI-71	CI-70	18.0000	17.9300	23.2410	23.2403	Circular
Link11	CI-70	JB-67	17.9300	17.6500	23.2403	23.2390	Circular
Link12	JB-67	Pond 3	17.6500	15.5000	23.2390	23.2371	Circular
Link13	CI-69	CI-68	21.7700	21.4800	23.2400	23.2399	Circular
Link14	CI-68	JB-67	21.4800	18.1500	23.2399	23.2390	Circular
Link15	JB #12	JB #11	18.5000	18.1100	23.6491	23.4639	Circular
Link18	JB-12	JB-11	18.9600	18.8100	23.1822	23.1804	Circular
Link19	JB-11	JB-10	18.8100	18.7600	23.1804	23.1791	Circular
Link20	JB-10	CB-09	18.7600	18.5400	23.1791	23.1777	Circular
Link21	CB-09	CB-08	17.5400	17.2900	23.1777	23.0259	Circular
Link22	CB-08	CB-07	17.2900	17.0500	23.0259	22.8746	Circular
Link23	CB-07	CB-06	17.0500	16.8000	22.8746	22.7502	Circular
Link24	CI #66-B	CI #66-A	20.7200	20.5700	22.7543	22.7540	Circular
Link27	Pond 2	CB-06	18.0000	17.8000	22.7512	22.7502	Circular

Link28	Pond 7	CI-81	17.0000	16.7500	24.1332	24.0336	Circular
Link29		CI-81					
Link30		CI-82	16.7500	16.6800	24.0336	23.9821	Circular
Link32		Pond 5	16.6800	16.0000	23.9821	23.9671	Circular
Link33	JB #14	JB #13	18.9800	18.9000	23.9386	23.8405	Circular
Link34	CI #119	CI #118	22.6700	22.3800	24.1333	24.1333	Circular
Link35	CI #118	Pond 7	22.3800	22.1700	24.1333	24.1332	Circular
Link36	CI-84	CI-83	20.9100	20.7600	24.1340	24.1339	Circular
Link37	CI-83	Pond 7	20.7600	20.0000	24.1339	24.1332	Circular
Link38	CB-16	JB-15	19.0000	18.0000	22.6368	22.6368	Circular
Link39	JB-15	CB-05	18.0000	17.5000	22.6368	22.6367	Circular
Link40	CB-05	JB #62	15.7000	15.5800	22.6367	22.5657	Circular
Link41	CB-04	CB-03	15.5100	15.4400	22.5098	22.4546	Circular
Link42	CB-03	JB #02	15.4400	15.4000	22.4546	22.4143	Circular
Link43	CB-06	CB-05	16.8000	16.7000	22.7502	22.6367	Circular
Link44	CI-63	CI-64	21.0000	20.7100	22.5710	22.5703	Circular
Link46	CB-19A	JB-18	17.6900	17.5900	22.5420	22.5039	Circular
Link47	JB-18	JB-17	17.5900	17.4900	22.5039	22.4747	Circular
Link48	JB-17	JB #02	17.4900	17.3000	22.4747	22.4143	Circular
Link49	JB #02	CB-01	15.4000	15.0800	22.4143	22.2570	Circular
Link50	CB-01	CB-00	15.0800	14.5000	22.2570	21.1087	Circular
Link51	CB-00	27	14.5000	14.2700	22.1087	21.9248	Circular
Link52	CI-60	CI-59	16.4900	16.3400	22.9594	22.9592	Circular
Link53	CI-59	Pond 1-A	16.3400	16.0000	22.9592	22.9582	Circular
Link54	Pond 1-A	JB-24	19.0000	18.6900	22.9582	22.8426	Circular
Link55	JB-24	CI-23	18.6900	18.6400	22.8426	22.7808	Circular
Link56	CI-23	CI-22	18.6400	18.5700	22.7808	22.7114	Circular
Link57	CI-22	JB-21	18.5700	18.4100	22.7114	22.6229	Circular
Link58	JB-21	Pond 14	18.4100	18.0000	22.6229	22.5457	Circular
Link60	CB-58	CI-57	18.2000	17.6600	22.9753	22.9737	Circular
Link61	CI-57	CI-56	17.6600	17.5100	22.9737	22.9713	Circular
Link62	CI-56	JB-55	17.5100	17.4200	22.9713	22.9676	Circular
Link63	JB-55	Pond 1-A	17.4200	16.5000	22.9676	22.9582	Circular
Link65	CB #116	CB #115	20.8000	19.5500	24.1689	24.1688	Circular
Link67	Pond 10	JB-87	17.0000	16.7300	24.2652	25.1322	Circular
Link68	JB-87	Pond 8	16.7300	16.5000	25.1322	24.1687	Circular
Link69	Pond 9-A	JB #113-B	17.0000	16.5500	24.1991	24.1914	Circular
Link70	JB #123	Pond 9-B	16.1300	16.0000	24.1856	24.1819	Circular
Link71	Pond 9-B	Pond 9-C	19.0000	18.0000	24.1819	24.1617	Circular
Link72	Pond 9-C	Pond 7	17.0000	16.0000	24.1617	24.1332	Circular
Link73	CI-89	CI-88	21.7900	21.5000	24.1997	24.1997	Circular
Link74	CI-88	Pond 9-A	21.5000	17.0000	24.1997	24.1991	Circular
Link75	CI-86	CI-85	17.5800	17.2900	24.1623	24.1621	Circular
Link76	CI-85	Pond 9-C	17.2900	17.0000	24.1621	24.1617	Circular
Link77	CB-94	CB-93	20.2000	20.1100	24.2000	24.2000	Circular
Link78	CB-93	CI-92	20.1100	19.6300	24.2000	24.1997	Circular
Link79	CI-92	CI-91	19.1300	18.9800	24.1997	24.1997	Circular
Link80	CI-91	JB-90	18.9800	18.8400	24.1997	24.1995	Circular
Link81	JB-90	Pond 9-A	18.8400	16.0000	24.1995	24.1991	Circular
Link82	CB-49	CB-48	20.0000	19.7300	22.9754	22.9747	Circular
Link83	CB-48	CI-47	19.7300	19.2100	22.9747	22.9713	Circular
Link84	CI-47	CI-46	19.2100	19.0600	22.9713	22.9682	Circular
Link85	CI-46	Pond 1-A	19.0600	17.0000	22.9682	22.9582	Circular
Link86	CB #54-A	CB-53	19.7000	19.1800	22.9615	22.9614	Circular
Link87	CB-53	JB-52	19.1800	18.6400	22.9614	22.9609	Circular
Link88	JB-52	CI-51A	18.6400	17.8700	22.9609	22.9605	Circular
Link89	CI-51A	JB #50-B	17.8700	17.5600	22.9605	22.9598	Circular
Link91	JB-50	Pond 1-A	16.9500	15.5000	22.9590	22.9582	Circular
Link92	CI-51B	CI-51A	20.9300	19.8500	22.9605	22.9605	Circular
Link95	CI-45	CI-41	22.3600	16.2600	23.4039	23.2303	Circular
Link96	CI-41	Pond 1-B	15.7600	15.5000	23.2303	23.0266	Circular
Link97	CB-40	CB-39	19.0000	18.9500	23.7464	23.6146	Circular
Link98	CB-39	CI-38	18.9500	18.4400	23.6146	23.2916	Circular
Link99	CI-38	CI-37	18.4400	18.3000	23.2916	23.1244	Circular
Link100	CI-37	Pond 1-B	17.8000	17.0000	23.1244	23.0266	Circular
Link101	CB-34	CB-33	20.3200	19.9900	24.2302	24.0577	Circular
Link102	CB-33	CB-32	19.9900	19.6900	24.0577	23.8798	Circular
Link103	CB-32	CI-31	19.6900	18.6200	23.8798	23.5833	Circular
Link104	CI-31	CI-30	18.6200	18.4700	23.5833	23.4357	Circular
Link105	CI-30	JB-29	18.4700	17.0600	23.4357	23.1793	Circular
Link106	JB-29	Pond 1-B	17.0600	16.8300	23.1793	23.0266	Circular
Link107	CI-35	CI-36	21.2200	21.0800	23.1819	23.1817	Circular
Link108	CI-36	JB-29	21.0800	17.5600	23.1817	23.1793	Circular
Link109	CB-28	CI-27	21.0000	20.4800	23.9292	23.9040	Circular
Link110	CI-27	CI-26	20.4800	20.3400	23.9040	23.6556	Circular
Link111	CI-26	JB-25	20.3400	20.2300	23.6556	23.0660	Circular
Link112	JB-25	Pond 1-B	20.2300	18.0000	23.0660	23.0266	Circular
Link113	CB-104	CI-103	18.3000	17.7700	25.4431	25.3959	Circular

Link114	CI-103	CI-102	17.7700	17.6300	25.3959	25.1619	Circular
Link115	CI-102	JB-101	17.6300	17.5300	25.1619	24.6723	Circular
Link116	JB-101	JB-100	17.5300	17.0100	24.6724	24.2064	Circular
Link117	JB-100	JB-99	17.0100	16.7600	24.2064	24.2050	Circular
Link118	JB-99	Pond 11	16.7600	15.5000	24.2050	24.2016	Circular
Link119	CB-98	CI-97	20.9000	20.4200	24.2048	24.2044	Circular
Link120	CI-97	CI-96	20.4200	20.2700	24.2044	24.2040	Circular
Link121	CI-96	JB-95	20.2700	20.1600	24.2040	24.2033	Circular
Link122	JB-95	Pond 11	20.1600	18.0000	24.2033	24.2016	Circular
Link123	Pond 11	Pond 9-A	19.0000	18.4000	24.2016	24.1991	Circular
Link124	Pond 12	JB-109	25.5000	23.5000	26.3879	25.9131	Circular
Link125	JB-109	CB-108	23.5000	22.8100	25.9132	25.6114	Circular
Link126	CB-108	CI-107	22.8100	22.1600	25.6114	25.2583	Circular
Link127	CI-107	CI-106	22.1600	22.0100	25.2583	25.0276	Circular
Link128	CI-106	JB-105	22.0100	21.5400	25.0276	24.5924	Circular
Link129	JB-105	Pond 15	21.5400	20.0000	24.5924	24.3070	Circular
Link130	Pond 15	Pond 13	22.0000	21.5000	24.3070	24.3435	Circular
Link132	CB-112	CB-111	20.3700	19.6800	24.3477	24.3296	Circular
Link133	CB-111	CB-110	19.6800	19.2700	24.3296	24.3162	Circular
Link134	CB-110	Pond 15	19.2700	18.0000	24.3162	24.3070	Circular
Link135	Pond 1-B	Pond 1-A	17.0000	16.0000	23.0266	22.9582	Circular
Link136	OS 13	JB-12	19.0000	18.9600	23.1833	23.1822	Circular
Link137	OS 20	JB #02	16.5000	16.4000	22.4239	22.4143	Circular
Link139	CB-44	JB-42	17.5000	17.0500	23.2438	23.2009	Circular
Link140	JB-42	JB-43	17.0500	16.9000	23.2009	23.1793	Circular
Link141	JB-43	CI-41	16.9000	15.7600	23.1793	23.2303	Circular
Link142	OS #113	Node137	21.0000	20.0000	23.0299	22.5840	Circular
XS #7b	Node137	25	17.4000	17.2000	22.5840	22.1521	Natural
L-33	CB-114	N-33A	22.0000	21.0000	23.6122	23.5485	Circular
L-33A	N-33A	N-33B	21.0000	19.6000	23.5485	23.5108	Circular
L-33B	N-33B	N-33C	19.6000	19.1700	23.5108	23.4704	Circular
L-33C	N-33C	N-33D	19.1700	18.5300	23.4704	23.4621	Trapezoid
L-33D	N-33D	N-33E	18.5300	18.2500	23.4621	23.1731	Circular
L-33E	N-33E	CB-19A	18.2500	18.1900	23.1731	22.5420	Circular
Link258	CB #120	JB #14	25.7000	20.9500	30.3775	23.9386	Circular
Link259	JB #13	JB #12	18.9000	18.5000	23.8405	23.6491	Circular
Link262	CI-73	CI-71	20.3100	18.0000	23.2417	23.2410	Circular
Link263	OS #5	JB #14	19.0000	18.9800	23.9443	23.9386	Circular
Link264	CI #19-D	CI #19-C	20.9900	20.7000	22.7523	22.7521	Circular
Link266	CI-64	JB #62	20.7100	20.2400	22.5703	22.5657	Circular
Link267	JB #62	CB-04	15.5800	15.5100	22.5657	22.5098	Circular
Link268	CI #19-C	Pond 2	20.7000	16.0000	22.7521	22.7512	Circular
Link270	CI #66-A	JB #65	20.5700	20.2600	22.7540	22.7525	Circular
Link271	JB #65	Pond 2	20.2600	16.0000	22.7525	22.7512	Circular
Link272	JB #11	JB #10	18.1100	17.8900	23.4639	23.3384	Circular
Link273	JB #10	CB-09	17.8900	17.5400	23.3384	23.1777	Circular
Link274	CB #126	CB #125	23.7000	22.8300	24.2462	23.4842	Circular
Link275	CB #125	Pond 3	22.7300	17.0000	23.4842	23.2371	Circular
Link276	CB #122	JB #121	19.7000	19.1200	22.7554	22.7524	Circular
Link277	JB #121	Pond 2	19.1200	16.1000	22.7524	22.7512	Circular
Link278	JB #113-B	JB #123	16.5500	16.1300	24.1914	24.1856	Circular
Link279	OS #117	CI-86	18.0000	17.5800	24.1626	24.1623	Circular
Link280	CB #115	Pond 8	19.5500	19.0000	24.1688	24.1687	Circular
Link281	CI #54-C	CI #54-B	21.0100	20.7200	22.9615	22.9613	Circular
Link282	CI #54-B	JB #50-B	20.7200	19.5600	22.9613	22.9598	Circular
Link283	JB #50-B	JB-50	17.5600	16.9500	22.9598	22.9590	Circular
Link284	CB 19B	CB-19A	18.4000	18.1900	22.5471	22.5420	Circular
Link285	Node43D	CB-49	24.0000	22.0000	24.6652	22.9754	Circular
Link286	Node43C	Node43D	24.2000	24.0000	24.8422	24.6652	Circular
Link287	Node274	Node275	19.4500	19.3300	24.0000	23.9607	Circular
Link288	Node275	CB-40	19.3300	19.0000	23.9607	23.7464	Circular
Link289	Node276	Node277	20.8200	20.7200	24.4071	24.3927	Circular
Link290	Node277	CB-34	20.7200	20.3200	24.3927	24.2302	Circular
Spanish1	4	2	18.5300	18.4100	26.5451	25.4036	Circular
IndianDr1	15	17	18.2000	18.1000	26.1698	23.7234	Circular
2@42" RCP	21	23	17.9000	17.5000	23.2582	22.7489	Circular
2@24"	68	64	20.9600	20.4100	26.3252	26.3102	Circular
Seaweed.1	53B	53A	20.9206	20.9044	27.3049	27.3442	Circular
Screen.1	New Pond	32	15.5000	15.4900	21.8942	21.6138	Circ Orif

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*=====
| Table E20 - Junction Flooding and Volume Listing. |
| The maximum volume is the total volume |
| in the node including the volume in the |
| flooded storage area. This is the max |
| volume at any time. The volume in the |
| flooded storage area is the total volume |
| above the ground elevation, where the |
| flooded pond storage area starts. |
| The fourth column is instantaneous, the fifth is the |
| sum of the flooded volume over the entire simulation |
| Units are either ft^3 or m^3 depending on the units. |
*=====

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Junction Name	Surcharged Time (min)	Flooded Time(min)	Out of 1D-System (Flooded Volume)	Maximum Volume	Passed to 2D cell OR Volume Stored in allowed Flood Pond of 1D-System
2	0.0000	0.0000	0.0000	3405347.283	0.0000
4	813.1000	104.5500	0.0000	2592.6413	8595.6583
8	610.8167	70.8667	0.0000	1251.2469	2790.8498
15	650.0833	94.5167	0.0000	1645.5312	3640.0080
17	0.0000	0.0000	0.0000	70.6637	0.0000
19	0.0000	0.0000	0.0000	67.0543	0.0000
25	0.0000	0.0000	0.0000	62.2281	0.0000
New Pond	0.0000	0.0000	0.0000	158155.3819	0.0000
32	137.4333	0.0000	0.0000	76.9515	0.0000
34	19.8833	0.0000	0.0000	94.2555	0.0000
36	1.1333	0.0000	0.0000	78.3677	0.0000
38	53.8667	0.0000	0.0000	101.9627	0.0000
41	88.0250	0.0000	0.0000	106.2650	0.0000
45	159.7500	0.0000	0.0000	120.7702	0.0000
48	121.2167	0.0000	0.0000	103.1789	0.0000
52	3030.6667	0.0000	0.0000	2247695.648	0.0000
55	1292.2250	1292.2917	0.0000	60964.1277	190976.2856
56	1096.6250	1096.6583	0.0000	105135.1604	151900.7724
63	829.9250	166.0500	0.0000	8078.0052	17269.7054
64	280.7917	135.7917	0.0000	4550.7730	7560.6089
68	818.5083	0.0000	0.0000	293416.8966	0.0000
76	2603.2667	0.0000	0.0000	574985.0391	0.0000
78	617.0250	617.0583	0.0000	4547.8139	10772.2668
Lk-Elzbth	0.0000	0.0000	0.0000	1743014.038	0.0000
Dgwood Lk	0.0000	0.0000	0.0000	2832985.873	0.0000
44b	0.0000	0.0000	0.0000	28.8426	0.0000
46b	0.0000	0.0000	0.0000	37.8454	0.0000
48b	0.0000	0.0000	0.0000	40.1368	0.0000
50b	0.0000	0.0000	0.0000	36.1032	0.0000
52b	0.0000	0.0000	0.0000	31.4920	0.0000
54b	0.0000	0.0000	0.0000	35.7652	0.0000
56b	0.0000	0.0000	0.0000	35.7844	0.0000
Myrtle Lk	0.0000	0.0000	0.0000	128039.6445	0.0000
60b	0.0000	0.0000	0.0000	45.5860	0.0000
Holly Lk	0.0000	0.0000	0.0000	122788.8305	0.0000
63b	0.0000	0.0000	0.0000	28.5629	0.0000
65b	0.0000	0.0000	0.0000	28.6477	0.0000
69b	0.0000	0.0000	0.0000	43.8553	0.0000
71b	0.0000	0.0000	0.0000	49.7211	0.0000
73b	192.6667	0.0000	0.0000	58.1470	0.0000
38b	324.0667	0.0000	0.0000	64.7816	0.0000
Channel	0.0000	0.0000	0.0000	44.8094	0.0000
1B	0.0000	0.0000	0.0000	56.9688	0.0000
1A	1110.4000	0.0000	0.0000	502068.0553	0.0000
53A	528.8333	0.0000	0.0000	920779.0932	0.0000
53B	2502.8917	1922.8667	0.0000	49309.9714	89839.4998
Node214	39.3250	0.0000	0.0000	55041.2437	0.0000
Node215	2549.7417	0.0000	0.0000	82175.3538	0.0000
Ditch	10.4417	9.6000	0.0000	986.9366	1047.5524
Node217	0.0000	0.0000	0.0000	44.6352	0.0000
Node219	1.0333	0.0000	0.0000	39.0627	0.0000
Node220	106.2833	0.0000	0.0000	64.2886	0.0000
CB 2	106.0917	6.5167	0.0000	197.2773	203.3215
CB 1	149.4167	7.5583	0.0000	231.0079	254.0623
Node223	41.7000	29.8417	0.0000	1374.7063	1506.9644
Node224	42.8500	24.0667	0.0000	976.4503	1038.2101
Node225	57.6417	15.7167	0.0000	354.7718	551.4008
1	1022.2417	1022.2833	0.0000	9520.7364	75917.1974

6	831.5917	99.6500	0.0000	2254.3100	8426.0265
21	0.0000	0.0000	0.0000	34101.2753	0.0000
23	0.0000	0.0000	0.0000	65.9576	0.0000
27	0.0000	0.0000	0.0000	89804.8084	0.0000
CI-73	348.8083	0.0000	0.0000	36.8396	0.0000
CI-72	258.0083	0.0000	0.0000	32.3224	0.0000
Pond 17	0.0000	0.0000	0.0000	11114.1389	0.0000
JB 80	3239.7750	0.0000	0.0000	51.8083	0.0000
CB-76	3238.6542	0.2083	0.0000	168.6689	24.1944
CI-75	901.7750	0.0000	0.0000	59.7860	0.0000
CI-74	1040.3667	0.0000	0.0000	63.4292	0.0000
Pond 3	2882.6250	0.0000	0.0000	181454.5419	0.0000
CI-71	1166.6417	0.0000	0.0000	65.8585	0.0000
CI-70	1220.7917	0.0000	0.0000	66.7297	0.0000
JB-67	1467.0333	0.0000	0.0000	70.2313	0.0000
CI-69	0.0000	0.0000	0.0000	18.4719	0.0000
CI-68	198.7667	0.0000	0.0000	22.1145	0.0000
JB #12	125.5583	0.0000	0.0000	64.7036	0.0000
JB #11	198.6500	0.0000	0.0000	67.2768	0.0000
JB-12	148.3250	0.0000	0.0000	53.0560	0.0000
JB-11	197.1750	0.0000	0.0000	54.9179	0.0000
JB-10	211.2167	0.0000	0.0000	55.5309	0.0000
CB-09	275.9417	0.0000	0.0000	70.8433	0.0000
CB-08	284.7917	0.0000	0.0000	72.0768	0.0000
CB-07	288.1500	0.0000	0.0000	73.1922	0.0000
CB-06	303.4583	0.0000	0.0000	74.7697	0.0000
CI #66-B	222.9500	0.0000	0.0000	25.5631	0.0000
CI #66-A	248.6500	0.0000	0.0000	27.4441	0.0000
Pond 2	257.8750	0.0000	0.0000	124159.7716	0.0000
Pond 7	0.0000	0.0000	0.0000	550670.6875	0.0000
CI-81	1995.7083	0.0000	0.0000	91.5263	0.0000
CI-82	2042.3667	0.0000	0.0000	91.7580	0.0000
Pond 5	2548.4500	0.0000	0.0000	103666.1748	0.0000
JB #14	0.0000	0.0000	0.0000	62.3094	0.0000
CI #119	0.0000	0.0000	0.0000	18.3880	0.0000
CI #118	0.0000	0.0000	0.0000	22.0320	0.0000
CI-84	897.0250	0.0000	0.0000	40.5122	0.0000
CI-83	967.5750	0.0000	0.0000	42.3959	0.0000
CB-16	230.7583	0.0000	0.0000	45.7004	0.0000
JB-15	499.2333	0.0000	0.0000	58.2661	0.0000
CB-05	283.8917	0.0000	0.0000	87.1668	0.0000
CB-04	281.4667	0.0000	0.0000	87.9592	0.0000
CB-03	276.4750	0.0000	0.0000	88.1459	0.0000
JB #02	272.2333	0.0000	0.0000	88.1416	0.0000
CI-64	191.3500	0.0000	0.0000	23.3770	0.0000
CI-63	74.8750	0.0000	0.0000	19.7415	0.0000
CB-19A	234.2583	234.2750	0.0000	6772.0426	9312.4196
JB-18	244.2833	0.0000	0.0000	61.7476	0.0000
JB-17	258.2333	0.0000	0.0000	62.6380	0.0000
CB-01	304.8083	0.0000	0.0000	90.1859	0.0000
CB-00	487.1250	0.0000	0.0000	95.6107	0.0000
CI-60	3239.7667	0.0000	0.0000	81.2948	0.0000
CI-59	3239.8750	0.0000	0.0000	83.1774	0.0000
Pond 1-A	402.8667	0.0000	0.0000	691485.2244	0.0000
JB-24	448.4833	0.0000	0.0000	52.1819	0.0000
CI-23	441.8750	0.0000	0.0000	52.0338	0.0000
CI-22	437.6000	0.0000	0.0000	52.0411	0.0000
JB-21	453.6167	0.0000	0.0000	52.9387	0.0000
Pond 14	555.2917	0.0000	0.0000	128184.3552	0.0000
CB 19B	724.4583	441.6500	0.0000	9286.1329	11928.5316
CB-58	1274.6583	472.1417	0.0000	8307.3062	9329.8665
CI-57	2718.0736	0.0000	0.0000	66.7725	0.0000
CI-56	2848.3472	0.0000	0.0000	68.6262	0.0000
JB-55	3238.0750	0.0000	0.0000	69.7117	0.0000
CB-114	0.0000	0.0000	0.0000	20.2590	0.0000
CB #116	1084.5500	951.6667	0.0000	3867.1440	12026.1854
CB #115	2426.1479	796.9833	0.0000	4808.7569	10980.4078
Pond 8	3240.0000	0.0000	0.0000	134193.9420	0.0000
Pond 10	3232.3336	780.5723	0.0000	1325.1434	42178.6385
JB-87	3239.5667	0.1167	0.0000	268.7310	73.5761
Pond 9-A	1639.5000	0.0000	0.0000	601659.0298	0.0000
JB #123	2723.3139	0.0000	0.0000	101.2267	0.0000
Pond 9-B	1344.2083	0.0000	0.0000	209664.6308	0.0000
Pond 9-C	1843.8917	0.0000	0.0000	367810.8707	0.0000
CI-89	772.8583	0.0000	0.0000	30.2809	0.0000
CI-88	913.0250	0.0000	0.0000	33.9245	0.0000
CI-86	2137.2500	0.0000	0.0000	82.7136	0.0000

CI-85	2396.9417	0.0000	0.0000	86.3543	0.0000
CB-94	1495.1917	947.6583	0.0000	11636.1802	13773.7275
CB-93	1539.5250	977.7500	0.0000	13381.6116	16510.2614
CI-92	1794.1250	0.0000	0.0000	63.7064	0.0000
CI-91	1882.1500	0.0000	0.0000	65.5903	0.0000
JB-90	1968.6083	0.0000	0.0000	67.3476	0.0000
CB-49	0.0000	0.0000	0.0000	37.3885	0.0000
CB-48	494.3667	0.0000	0.0000	40.7730	0.0000
CI-47	629.6917	0.0000	0.0000	47.2640	0.0000
CI-46	670.8750	0.0000	0.0000	49.1108	0.0000
CB #54-A	214.3167	0.0000	0.0000	40.9837	0.0000
CB-53	359.2500	0.0000	0.0000	47.5166	0.0000
JB-52	495.4167	0.0000	0.0000	54.2971	0.0000
CI-51A	575.0250	0.0000	0.0000	63.9669	0.0000
JB-50	1071.7917	0.0000	0.0000	75.5088	0.0000
CI-51B	292.6917	0.0000	0.0000	25.5156	0.0000
CI-45	0.0000	0.0000	0.0000	13.1096	0.0000
CI-41	3239.3750	0.0000	0.0000	93.8722	0.0000
Pond 1-B	1046.6333	0.0000	0.0000	245761.0328	0.0000
CB-40	696.7917	45.5667	0.0000	845.9400	896.5044
CB-39	711.4083	15.2500	0.0000	132.0452	86.6223
CI-38	858.7333	0.0000	0.0000	60.9648	0.0000
CI-37	908.1500	0.0000	0.0000	66.9062	0.0000
CB-34	366.9917	52.2417	0.0000	2001.4613	2220.4943
CB-33	441.5250	27.4917	0.0000	347.6157	347.1154
CB-32	508.9500	0.0000	0.0000	52.6492	0.0000
CI-31	801.8417	0.0000	0.0000	62.3693	0.0000
CI-30	848.4167	0.0000	0.0000	62.3991	0.0000
JB-29	2784.8125	0.0000	0.0000	76.8953	0.0000
CI-35	258.7917	0.0000	0.0000	24.6532	0.0000
CI-36	295.2750	0.0000	0.0000	26.4102	0.0000
CB-28	330.3667	0.0000	0.0000	36.8087	0.0000
CI-27	448.0417	3.4583	0.0000	62.9313	18.5227
CI-26	478.9250	0.0000	0.0000	41.6635	0.0000
JB-25	501.5083	0.0000	0.0000	35.6371	0.0000
CB-104	2409.7833	53.6417	0.0000	7918.0420	8529.0856
CI-103	2566.2333	0.0000	0.0000	95.8276	0.0000
CI-102	2575.2500	0.0000	0.0000	94.6462	0.0000
JB-101	2582.4833	0.0000	0.0000	89.7507	0.0000
JB-100	2639.8500	0.0000	0.0000	90.4305	0.0000
JB-99	2699.8500	0.0000	0.0000	93.5545	0.0000
Pond 11	1360.6167	0.0000	0.0000	341492.9752	0.0000
CB-98	1241.5583	629.0667	0.0000	3318.3039	4076.1034
CI-97	1430.0083	0.0000	0.0000	47.5549	0.0000
CI-96	1493.3250	0.0000	0.0000	49.4349	0.0000
JB-95	1539.2583	0.0000	0.0000	50.8083	0.0000
Pond 12	0.0000	0.0000	0.0000	89681.3873	0.0000
JB-109	58.1917	0.0000	0.0000	30.3237	0.0000
CB-108	84.1417	0.0000	0.0000	35.2020	0.0000
CI-107	117.2667	0.0000	0.0000	38.9336	0.0000
CI-106	139.6583	0.0000	0.0000	37.9194	0.0000
JB-105	171.7083	0.0000	0.0000	38.3559	0.0000
Pond 15	104.9000	0.0000	0.0000	41348.7655	0.0000
Pond 13	0.0000	0.0000	0.0000	157700.6125	0.0000
Node137	0.0000	0.0000	0.0000	65.1425	0.0000
CB-112	703.3119	160.2417	0.0000	2124.8117	3499.5744
CB-111	3238.9265	150.1333	0.0000	2006.3842	5441.3596
CB-110	3239.7583	137.4417	0.0000	1267.5403	3042.6700
OS 13	133.9583	0.0000	0.0000	52.5676	0.0000
OS 20	257.5833	0.0000	0.0000	74.4393	0.0000
CB-44	1538.8639	0.0000	0.0000	72.1764	0.0000
JB-42	2798.9640	0.0000	0.0000	77.2922	0.0000
JB-43	3233.2394	0.0000	0.0000	78.9062	0.0000
OS #113	31.7250	0.0000	0.0000	25.5073	0.0000
N-33A	32.6500	0.0000	0.0000	32.0246	0.0000
N-33B	211.8750	115.6583	0.0201	3375.7655	3520.8622
N-33C	203.9417	108.4333	0.0000	3051.5396	6504.0484
N-33D	265.1500	142.1667	0.0000	5766.0412	12909.7325
N-33E	495.2333	173.7250	0.0000	3081.0632	6552.7194
CB #120	120.5583	69.7000	0.0000	2347.1034	2684.7026
OS #5	0.0000	0.0000	0.0000	87.2618	0.0000
JB #13	0.0000	0.0000	0.0000	62.0829	0.0000
CI #19-D	168.0833	0.0000	0.0000	22.1456	0.0000
CI #19-C	224.4500	0.0000	0.0000	25.7871	0.0000
JB #62	254.0083	0.0000	0.0000	87.7826	0.0000
JB #65	316.0000	0.0000	0.0000	31.3211	0.0000
JB #10	223.9250	0.0000	0.0000	68.4641	0.0000

CB #126	0.0000	0.0000	0.0000	6.8638	0.0000
CB #125	0.0000	0.0000	0.0000	9.4769	0.0000
CB #122	485.7750	232.3250	0.0000	1489.8743	2505.9943
JB #121	630.0333	159.5000	0.0000	867.0182	1498.4939
JB #113-B	2597.8806	0.0000	0.0000	96.0221	0.0000
OS #117	1845.2500	0.0000	0.0000	90.0052	0.0000
CI #54-C	270.6417	0.0000	0.0000	24.5223	0.0000
CI #54-B	347.7833	0.0000	0.0000	28.1642	0.0000
JB #50-B	659.2333	0.0000	0.0000	67.8542	0.0000
Node43D	0.0000	0.0000	0.0000	8.3592	0.0000
Node43C	0.0000	0.0000	0.0000	8.0696	0.0000
Node274	713.9667	38.2667	7833.1714	57.1753	0.0000
Node275	604.8750	0.0000	0.0000	58.1900	0.0000
Node276	367.2417	0.0000	0.0000	45.0758	0.0000
Node277	277.3333	0.0000	0.0000	46.1513	0.0000

Table E22. Numerical Model judgement section #
#####

Overall error was (minimum of Table E18 & E21) 0.0002 percent
Worst nodal error was in node 76 with 24.2434 percent
Of the total inflow this loss was 0.5189 percent
Your overall continuity error was Excellent
Efficiency of the simulation Excellent Efficiency 1.42
Most Number of Non Convergences at one Node 63.
Total Number Non Convergences at all Nodes 179.
Total Number of Nodes with Non Convergences 7.

==> Hydraulic model simulation ended normally.
==> XP-SWMM Simulation ended normally.
==> Your input file was named : Y:\Hydrology\Caropines-Deerfield\XP-SWMM\Proposed\Old S Course
Proj\Detail\LPA WS Data_Total-100Yr.DAT
==> Your output file was named : Y:\Hydrology\Caropines-Deerfield\XP-SWMM\Proposed\Old S Course
Proj\Detail\LPA WS Data_Total-100Yr.out

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*=====
|           SWMM Simulation Date and Time Summary           |
*=====
| Starting Date... July      23, 2008  Time...  14:17:44:32 |
| Ending Date...  July      23, 2008  Time...  14:45: 6:51 |
| Elapsed Time...  27.36983 minutes or  1642.19000 seconds |
*=====

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