

DRAINAGE STUDY
PHASE 2 – ALTERNATIVE IMPROVEMENTS
CRYSTAL LAKE
ALTERNATIVE 4C IMPROVEMENTS

FOR:
LAKWOOD – PIRATELAND SWASH
HORRY COUNTY, SC

TABLES

J-23453.0001



Prepared by:

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Table 1
Alternative 4C - Option 1
Maximum Node Elevation Comparison

Node	Scenario / Event														
	Existing Conditions					Alternative No. 4c Opt 1					Difference				
	2	10	25	50	100	2	10	25	50	100	2	10	25	50	100
AF-01	11.88	13.15	13.62	14.10	14.70	12.39	13.25	13.50	13.82	14.20	0.51	0.10	-0.12	-0.28	-0.50
AF-02	12.81	13.52	13.80	14.31	14.98	12.81	13.52	13.78	14.15	14.66	0.00	0.00	-0.02	-0.16	-0.32
AF-03	13.13	13.84	14.11	14.55	15.13	13.13	13.84	14.07	14.45	14.91	0.00	0.00	-0.04	-0.10	-0.22
AF-04	14.41	14.82	15.02	15.26	15.62	14.41	14.82	14.98	15.17	15.39	0.00	0.00	-0.04	-0.09	-0.23
AF-05	13.28	13.94	14.19	14.61	15.17	13.28	13.94	14.15	14.54	14.99	0.00	0.00	-0.04	-0.07	-0.18
AF-06	13.85	15.59	16.42	16.85	16.94	13.85	15.59	16.42	16.85	16.94	0.00	0.00	0.00	0.00	0.00
AF-07	14.50	15.67	16.45	16.88	16.98	14.50	15.67	16.45	16.87	16.98	0.00	0.00	0.00	-0.01	0.00
BERMGRN01	12.37	12.72	12.85	13.21	13.94	12.37	12.72	12.85	12.99	13.14	0.00	0.00	0.00	-0.22	-0.80
BERMGRN02	9.87	12.09	12.75	13.43	14.12	9.30	10.06	10.77	11.51	12.28	-0.57	-2.03	-1.98	-1.92	-1.84
BERMGRN03	14.43	15.04	15.33	15.57	16.07	14.43	15.04	15.33	15.60	15.91	0.00	0.00	0.00	0.03	-0.16
BERMGRN04	15.69	16.08	16.24	16.48	16.83	15.69	16.08	16.24	16.48	16.81	0.00	0.00	0.00	0.00	-0.02
BERMGRN05	14.72	15.21	15.41	15.62	15.88	14.72	15.21	15.41	15.62	15.88	0.00	0.00	0.00	0.00	0.00
BNDY	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	0.00	0.00	0.00	0.00	0.00
CL-01	11.63	12.99	13.48	13.98	14.59	11.01	11.83	12.20	12.62	13.11	-0.62	-1.16	-1.28	-1.36	-1.48
CL-02	13.10	13.52	13.72	14.07	14.60	11.29	12.15	12.54	12.97	13.47	-1.81	-1.37	-1.18	-1.10	-1.13
CL-03	13.10	13.52	13.72	14.07	14.60	11.38	12.31	12.68	13.10	13.58	-1.72	-1.21	-1.04	-0.97	-1.02
CRYSTAL LAKE	14.87	15.25	15.41	15.59	15.80	11.48	12.49	12.90	13.37	13.90	-3.39	-2.76	-2.51	-2.22	-1.90
LKWDPOND01	5.31	6.18	6.30	6.40	6.49	4.71	5.83	6.03	6.16	6.26	-0.60	-0.35	-0.27	-0.24	-0.23
LKWDPOND02	6.31	6.59	6.78	7.06	7.40	6.31	6.59	6.71	6.94	7.29	0.00	0.00	-0.07	-0.12	-0.11
MAIN-01	2.75	4.31	4.67	4.97	5.26	2.34	3.34	3.83	4.21	4.57	-0.41	-0.97	-0.84	-0.76	-0.69
MAIN-02	3.77	4.89	5.18	5.43	5.62	3.22	4.30	4.61	4.88	5.19	-0.55	-0.59	-0.57	-0.55	-0.43
MAIN-03	9.19	11.67	12.42	13.17	13.91	7.31	9.42	10.21	11.07	11.90	-1.88	-2.25	-2.21	-2.10	-2.01
MAIN-04	9.41	11.78	12.49	13.21	13.94	7.66	9.65	10.42	11.20	12.00	-1.75	-2.13	-2.07	-2.01	-1.94
MAIN-05	9.74	12.00	12.67	13.35	14.05	8.08	9.94	10.66	11.41	12.20	-1.66	-2.06	-2.01	-1.94	-1.85
MAIN-06	9.87	12.09	12.75	13.43	14.12	8.24	10.06	10.77	11.51	12.28	-1.63	-2.03	-1.98	-1.92	-1.84
MAIN-07	9.97	12.12	12.77	13.44	14.13	8.26	10.10	10.80	11.53	12.30	-1.71	-2.02	-1.97	-1.91	-1.83
MAIN-07A	10.07	12.16	12.79	13.45	14.13	8.29	10.14	10.84	11.56	12.31	-1.78	-2.02	-1.95	-1.89	-1.82
MAIN-08	10.16	12.21	12.82	13.47	14.15	8.32	10.18	10.88	11.60	12.34	-1.84	-2.03	-1.94	-1.87	-1.81
MAIN-08A	10.32	12.33	12.93	13.55	14.21	8.34	10.24	10.94	11.66	12.40	-1.98	-2.09	-1.99	-1.89	-1.81
MAIN-09	10.39	12.38	12.98	13.59	14.24	8.35	10.27	10.97	11.69	12.43	-2.04	-2.11	-2.01	-1.90	-1.81
MAIN-10	10.52	12.45	13.04	13.63	14.32	8.56	10.33	11.02	11.74	12.47	-1.96	-2.12	-2.02	-1.89	-1.85
MAIN-11	10.56	12.47	13.06	13.69	14.30	8.66	10.35	11.04	11.75	12.48	-1.90	-2.12	-2.02	-1.94	-1.82
MAIN-12	10.68	12.54	13.12	13.72	14.39	8.75	10.41	11.09	11.79	12.51	-1.93	-2.13	-2.03	-1.93	-1.88
MAIN-13	11.08	12.70	13.24	13.81	14.45	9.16	10.63	11.28	11.93	12.60	-1.92	-2.07	-1.96	-1.88	-1.85
MAIN-14	11.12	12.72	13.26	13.82	14.47	9.24	10.65	11.29	11.94	12.61	-1.88	-2.07	-1.97	-1.88	-1.86
MAIN-15	11.63	12.99	13.48	13.98	14.58	10.07	11.06	11.58	12.14	12.76	-1.56	-1.93	-1.90	-1.84	-1.82
MAIN-16	11.67	13.02	13.51	14.00	14.66	10.07	11.06	11.58	12.14	12.76	-1.60	-1.96	-1.93	-1.86	-1.90
MAIN-17	11.70	13.07	13.56	14.06	14.68	12.32	13.16	13.41	13.72	14.10	0.62	0.09	-0.15	-0.34	-0.58
MAIN-18	12.49	13.37	13.78	14.21	14.78	12.14	12.93	13.17	13.45	13.94	-0.35	-0.44	-0.61	-0.76	-0.84
MAIN-19	12.93	13.64	14.00	14.39	14.90	11.98	12.70	12.93	13.40	13.92	-0.95	-0.94	-1.07	-0.99	-0.98
MAIN-20	15.19	16.18	16.64	17.15	17.55	11.75	12.51	12.92	13.39	13.92	-3.44	-3.67	-3.72	-3.76	-3.63
MAIN-21	15.43	16.34	16.78	17.26	17.65	15.13	15.59	15.76	16.00	16.18	-0.30	-0.75	-1.02	-1.26	-1.47
MAIN-22	15.59	16.47	16.90	17.37	17.73	15.41	15.93	16.13	16.40	16.61	-0.18	-0.54	-0.77	-0.97	-1.12
MAIN-23	15.96	16.92	17.64	18.37	18.99	15.89	16.63	16.95	17.60	18.30	-0.07	-0.29	-0.69	-0.77	-0.69
MAIN-24	16.09	16.98	17.69	18.40	19.01	16.03	16.70	17.06	17.68	18.35	-0.06	-0.28	-0.63	-0.72	-0.66
MAIN-25	17.05	19.39	19.67	19.81	19.92	17.06	19.19	19.62	19.78	19.89	0.01	-0.20	-0.05	-0.03	-0.03
PIRLNDPOND01	3.31	4.62	5.14	5.65	5.88	3.23	4.57	5.10	5.59	5.87	-0.08	-0.05	-0.04	-0.06	-0.01
PIRLNDPOND02	5.27	6.17	6.29	6.38	6.48	4.68	5.80	6.00	6.14	6.24	-0.59	-0.37	-0.29	-0.24	-0.24
PIRLNDPOND03	5.34	6.57	6.85	7.13	7.41	4.71	5.95	6.24	6.48	6.71	-0.63	-0.62	-0.61	-0.65	-0.70
PW POND-01	19.17	19.50	19.81	20.26	20.81	19.17	19.50	19.81	20.27	20.79	0.00	0.00	0.00	0.01	-0.02
PW POND-02	16.71	17.81	18.23	18.42	18.56	16.71	17.81	18.23	18.42	18.56	0.00	0.00	0.00	0.00	0.00
PW POND-03	10.87	12.54	13.26	13.86	14.16	10.87	11.61	11.94	12.37	12.88	0.00	-0.93	-1.32	-1.49	-1.28
PW POND-04	16.50	16.71	16.79	16.87	16.98	16.50	16.71	16.79	16.87	16.98	0.00	0.00	0.00	0.00	0.00
PW-01	10.00	12.13	12.79	13.47	14.17	9.67	10.25	10.87	11.58	12.34	-0.33	-1.88	-1.92	-1.89	-1.83
PW-02	10.15	12.29	13.00	13.90	14.83	9.89	10.66	11.23	11.98	12.81	-0.26	-1.63	-1.77	-1.92	-2.02
PW-03	10.49	12.33	13.03	13.92	14.85	10.38	11.02	11.45	12.12	12.88	-0.11	-1.31	-1.58	-1.80	-1.97
PW-05	10.10	12.43	13.16	13.94	14.63	9.78	10.55	11.25	12.03	12.85	-0.32	-1.88	-1.91	-1.91	-1.78
PW-06A	14.17	14.61	15.18	16.42	17.06	14.17	14.54	14.63	14.81	15.60	0.00	-0.07	-0.55	-1.61	-1.46
PW-06B	14.25	14.72	15.27	16.48	17.11	14.25	14.65	14.75	14.92	15.68	0.00	-0.07	-0.52	-1.56	-1.43
PW-07	16.25	17.64	17.97	18.17	18.75	16.25	17.64	17.97	18.24	18.49	0.00	0.00	0.00	0.07	-0.26
PW-08	16.53	18.79	19.40	19.87	20.44	16.53	18.79	19.40	19.89	20.39	0.00	0.00	0.00	0.02	-0.05
PW-09	16.58	18.81	19.42	19.89	20.46	16.58	18.81	19.42	19.91	20.41	0.00	0.00	0.00	0.02	-0.05
PW-13	18.58	19.35	19.72	20.14	20.59	18.58	19.35	19.72	20.14	20.59	0.00	0.00	0.00	0.00	0.00
PW-14	21.52	21.96	22.12	22.29	22.45	21.52	21.96	22.12	22.29	22.45	0.00	0.00	0.00	0.00	0.00
PW-15	21.74	22.07	22.21	22.36	22.51	21.74	22.07	22.21	22.36	22.51	0.00	0.00	0.00	0.00	0.00
PW-16	23.53	23.97	24.11	24.26	24.39	23.53	23.97	24.11	24.26	24.39	0.00	0.00	0.00	0.00	0.00
PW-17	23.78	24.33	24.57	24.84	25.17	23.78	24.33	24.57	24.84	25.17	0.00	0.00	0.00	0.00	0.00
STOR-01	11.70	12.21	12.74	13.30	13.95	11.70	12.19	12.30	12.34	12.58	0.00	-0.02	-0.44	-0.96	-1.37
STOR-02	12.48	13.45	13.85	14.18	14.30	12.48	13.45	13.85	14.16	14.24	0.00	0.00	0.00	-0.02	-0.06
STOR-03	12.70	13.59	13.96	14.28	14.39	12.70	13.59	13.96	14.28	14.39	0.00	0.00	0.00	0.00	0.00
STOR-04	14.82	15.18	15.35	15.60	15.78	14.82	15.18	15.35	15.54	15.75	0.00	0.00	0.00	-0.06	-0.03
STOR-05	16.67	19.10	19.91	20.70	21.57	16.68	19.10	19.91	20.70	21.56	0.01	0.00	0.00	0.00	-0.01
STOR-06	16.68	19.11	19.93	20.73	21.62	16.67	19.11	19.93	20.74	21.62	-0.01	0.00	0.00	0.01	0.00
STOR-07	18.07	19.20	19.97	20.76	21.64	18.07	19.20	19.97	20.77	21.64	0.00	0.00	0.00	0.01	0.00

Notes: MAIN-03 FF El. of Camper County = 13.31
 MAIN-07 FF El. of 1284/1288 Stratmill Ct. = 13.43; Min Garage El. (1284 Stratmill Ct.) = 11.47

Table 2
Alternative 4C - Option 2
Maximum Node Elevation Comparison

Node	Scenario / Event										Difference (4C Opt 2 - Exist.)				
	Existing Conditions					Alternative No. 4c Opt 2					2	10	25	50	100
	2	10	25	50	100	2	10	25	50	100					
AF-01	11.88	13.15	13.62	14.10	14.70	12.39	13.25	13.63	14.17	14.79	0.51	0.10	0.01	0.07	0.09
AF-02	12.81	13.52	13.80	14.31	14.98	12.81	13.52	13.78	14.21	14.85	0.00	0.00	-0.02	-0.10	-0.13
AF-03	13.13	13.84	14.11	14.55	15.13	13.13	13.84	14.07	14.45	14.91	0.00	0.00	-0.04	-0.10	-0.22
AF-04	14.41	14.82	15.02	15.26	15.62	14.41	14.82	14.99	15.18	15.41	0.00	0.00	-0.03	-0.08	-0.21
AF-05	13.28	13.94	14.19	14.61	15.17	13.28	13.94	14.15	14.54	14.99	0.00	0.00	-0.04	-0.07	-0.18
AF-06	13.85	15.59	16.42	16.85	16.94	13.85	15.59	16.42	16.85	16.94	0.00	0.00	0.00	0.00	0.00
AF-07	14.50	15.67	16.45	16.88	16.98	14.50	15.67	16.45	16.87	16.98	0.00	0.00	0.00	-0.01	0.00
BERMGRN01	12.37	12.72	12.85	13.21	13.94	12.37	12.72	12.85	12.99	13.14	0.00	0.00	0.00	-0.22	-0.80
BERMGRN02	9.87	12.09	12.75	13.43	14.12	9.30	10.58	11.32	12.13	12.83	-0.57	-1.51	-1.43	-1.30	-1.29
BERMGRN03	14.43	15.04	15.33	15.57	16.07	14.43	15.04	15.33	15.60	15.91	0.00	0.00	0.00	0.03	-0.16
BERMGRN04	15.69	16.08	16.24	16.48	16.83	15.69	16.08	16.24	16.48	16.81	0.00	0.00	0.00	0.00	-0.02
BERMGRN05	14.72	15.21	15.41	15.62	15.88	14.72	15.21	15.41	15.62	15.88	0.00	0.00	0.00	0.00	0.00
BNDY	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	0.00	0.00	0.00	0.00	0.00
CL-01	11.63	12.99	13.48	13.98	14.59	11.31	12.32	12.72	13.19	13.66	-0.32	-0.67	-0.76	-0.79	-0.93
CL-02	13.10	13.52	13.72	14.07	14.60	11.60	12.68	13.12	13.61	14.13	-1.50	-0.84	-0.60	-0.46	-0.47
CL-03	13.10	13.52	13.72	14.07	14.60	11.72	12.82	13.25	13.73	14.23	-1.38	-0.70	-0.47	-0.34	-0.37
CRYSTAL LAKE	14.87	15.25	15.41	15.59	15.80	11.85	13.06	13.56	14.11	14.74	-3.02	-2.19	-1.85	-1.48	-1.06
LKWDPOND01	5.31	6.18	6.30	6.40	6.49	4.84	5.95	6.10	6.22	6.32	-0.47	-0.23	-0.20	-0.18	-0.17
LKWDPOND02	6.31	6.59	6.78	7.06	7.40	6.31	6.59	6.71	6.95	7.30	0.00	0.00	-0.07	-0.11	-0.10
MAIN-01	2.75	4.31	4.67	4.97	5.26	2.41	3.65	4.05	4.41	4.75	-0.34	-0.66	-0.62	-0.56	-0.51
MAIN-02	3.77	4.89	5.18	5.43	5.62	3.34	4.48	4.72	5.01	5.35	-0.43	-0.41	-0.46	-0.42	-0.27
MAIN-03	9.19	11.67	12.42	13.17	13.91	7.51	9.98	10.84	11.73	12.51	-1.68	-1.69	-1.58	-1.44	-1.40
MAIN-04	9.41	11.78	12.49	13.21	13.94	7.85	10.21	10.98	11.84	12.58	-1.56	-1.57	-1.51	-1.37	-1.36
MAIN-05	9.74	12.00	12.67	13.35	14.05	8.27	10.47	11.22	12.05	12.75	-1.47	-1.53	-1.45	-1.30	-1.30
MAIN-06	9.87	12.09	12.75	13.43	14.12	8.43	10.58	11.32	12.13	12.83	-1.44	-1.51	-1.43	-1.30	-1.29
MAIN-07	9.97	12.12	12.77	13.44	14.13	8.48	10.63	11.36	12.16	12.84	-1.49	-1.49	-1.41	-1.28	-1.29
MAIN-07A	10.07	12.16	12.79	13.45	14.13	8.55	10.69	11.40	12.18	12.86	-1.52	-1.47	-1.39	-1.27	-1.27
MAIN-08	10.16	12.21	12.82	13.47	14.15	8.63	10.74	11.44	12.22	12.88	-1.53	-1.47	-1.38	-1.25	-1.27
MAIN-08A	10.32	12.33	12.93	13.55	14.21	8.70	10.83	11.54	12.30	12.95	-1.62	-1.50	-1.39	-1.25	-1.26
MAIN-09	10.39	12.38	12.98	13.59	14.24	8.73	10.87	11.58	12.34	12.99	-1.66	-1.51	-1.40	-1.25	-1.25
MAIN-10	10.52	12.45	13.04	13.63	14.32	9.00	10.94	11.64	12.39	13.03	-1.52	-1.51	-1.40	-1.24	-1.29
MAIN-11	10.56	12.47	13.06	13.69	14.30	9.07	10.96	11.66	12.41	13.04	-1.49	-1.51	-1.40	-1.28	-1.26
MAIN-12	10.68	12.54	13.12	13.72	14.39	9.18	11.03	11.72	12.45	13.08	-1.50	-1.51	-1.40	-1.27	-1.31
MAIN-13	11.08	12.70	13.24	13.81	14.45	9.56	11.27	11.91	12.57	13.17	-1.52	-1.43	-1.33	-1.24	-1.28
MAIN-14	11.12	12.72	13.26	13.82	14.47	9.61	11.30	11.92	12.58	13.18	-1.51	-1.42	-1.34	-1.24	-1.29
MAIN-15	11.63	12.99	13.48	13.98	14.58	10.45	11.63	12.17	12.77	13.33	-1.18	-1.36	-1.31	-1.21	-1.25
MAIN-16	11.67	13.02	13.51	14.00	14.66	10.45	11.63	12.17	12.78	13.34	-1.22	-1.39	-1.34	-1.22	-1.32
MAIN-17	11.70	13.07	13.56	14.06	14.68	12.32	13.16	13.62	14.16	14.78	0.62	0.09	0.06	0.10	0.10
MAIN-18	12.49	13.37	13.78	14.21	14.78	12.14	13.10	13.60	14.15	14.77	-0.35	-0.27	-0.18	-0.06	-0.01
MAIN-19	12.93	13.64	14.00	14.39	14.90	11.98	13.09	13.58	14.13	14.76	-0.95	-0.55	-0.42	-0.26	-0.14
MAIN-20	15.19	16.18	16.64	17.15	17.55	11.86	13.08	13.57	14.12	14.75	-3.33	-3.10	-3.07	-3.03	-2.80
MAIN-21	15.43	16.34	16.78	17.26	17.65	15.13	15.59	15.76	16.00	16.18	-0.30	-0.75	-1.02	-1.26	-1.47
MAIN-22	15.59	16.47	16.90	17.37	17.73	15.41	15.93	16.13	16.40	16.61	-0.18	-0.54	-0.77	-0.97	-1.12
MAIN-23	15.96	16.92	17.64	18.37	18.99	15.89	16.63	16.95	17.60	18.30	-0.07	-0.29	-0.69	-0.77	-0.69
MAIN-24	16.09	16.98	17.69	18.40	19.01	16.03	16.70	17.06	17.68	18.35	-0.06	-0.28	-0.63	-0.72	-0.66
MAIN-25	17.05	19.39	19.67	19.81	19.92	17.06	19.19	19.62	19.78	19.89	0.01	-0.20	-0.05	-0.03	-0.03
PIRLNDPOND01	3.31	4.62	5.14	5.65	5.88	3.28	4.65	5.16	5.64	5.88	-0.03	0.03	0.02	-0.01	0.00
PIRLNDPOND02	5.27	6.17	6.29	6.38	6.48	4.81	5.93	6.08	6.20	6.30	-0.46	-0.24	-0.21	-0.18	-0.18
PIRLNDPOND03	5.34	6.57	6.85	7.13	7.41	4.85	6.13	6.39	6.64	6.89	-0.49	-0.44	-0.46	-0.49	-0.52
PW POND-01	19.17	19.50	19.81	20.26	20.81	19.17	19.50	19.81	20.27	20.78	0.00	0.00	0.00	0.01	-0.03
PW POND-02	16.71	17.81	18.23	18.42	18.56	16.71	17.81	18.23	18.42	18.56	0.00	0.00	0.00	0.00	0.00
PW POND-03	10.87	12.54	13.26	13.86	14.16	10.87	11.61	11.94	12.42	13.16	0.00	-0.93	-1.32	-1.44	-1.00
PW POND-04	16.50	16.71	16.79	16.87	16.98	16.50	16.71	16.79	16.87	16.98	0.00	0.00	0.00	0.00	0.00
PW-01	10.00	12.13	12.79	13.47	14.17	9.67	10.67	11.38	12.19	12.88	-0.33	-1.46	-1.41	-1.28	-1.29
PW-02	10.15	12.29	13.00	13.90	14.83	9.89	10.94	11.64	12.48	13.32	-0.26	-1.35	-1.36	-1.42	-1.51
PW-03	10.49	12.33	13.03	13.92	14.85	10.38	11.17	11.76	12.54	13.36	-0.11	-1.16	-1.27	-1.38	-1.49
PW-05	10.10	12.43	13.16	13.94	14.63	9.78	10.98	11.76	12.63	13.42	-0.32	-1.45	-1.40	-1.31	-1.21
PW-06A	14.17	14.61	15.18	16.42	17.06	14.17	14.54	14.66	15.01	16.30	0.00	-0.07	-0.52	-1.41	-0.76
PW-06B	14.25	14.72	15.27	16.48	17.11	14.25	14.65	14.78	15.11	16.36	0.00	-0.07	-0.49	-1.37	-0.75
PW-07	16.25	17.64	17.97	18.17	18.75	16.25	17.64	17.97	18.24	18.43	0.00	0.00	0.00	0.07	-0.32
PW-08	16.53	18.79	19.40	19.87	20.44	16.53	18.79	19.40	19.89	20.36	0.00	0.00	0.00	0.02	-0.08
PW-09	16.58	18.81	19.42	19.89	20.46	16.58	18.81	19.42	19.91	20.39	0.00	0.00	0.00	0.02	-0.07
PW-13	18.58	19.35	19.72	20.14	20.59	18.58	19.35	19.72	20.14	20.59	0.00	0.00	0.00	0.00	0.00
PW-14	21.52	21.96	22.12	22.29	22.45	21.52	21.96	22.12	22.29	22.45	0.00	0.00	0.00	0.00	0.00
PW-15	21.74	22.07	22.21	22.36	22.51	21.74	22.07	22.21	22.36	22.51	0.00	0.00	0.00	0.00	0.00
PW-16	23.53	23.97	24.11	24.26	24.39	23.53	23.97	24.11	24.26	24.39	0.00	0.00	0.00	0.00	0.00
PW-17	23.78	24.33	24.57	24.84	25.17	23.78	24.33	24.57	24.84	25.17	0.00	0.00	0.00	0.00	0.00
STOR-01	11.70	12.21	12.74	13.30	13.95	11.70	12.19	12.30	12.41	12.89	0.00	-0.02	-0.44	-0.89	-1.06
STOR-02	12.48	13.45	13.85	14.18	14.30	12.48	13.45	13.85	14.16	14.24	0.00	0.00	0.00	-0.02	-0.06
STOR-03	12.70	13.59	13.96	14.28	14.39	12.70	13.59	13.96	14.28	14.39	0.00	0.00	0.00	0.00	0.00
STOR-04	14.82	15.18	15.35	15.60	15.78	14.82	15.18	15.35	15.54	15.75	0.00	0.00	0.00	-0.06	-0.03
STOR-05	16.67	19.10	19.91	20.70	21.57	16.68	19.10	19.91	20.70	21.56	0.01	0.00	0.00	0.00	-0.01
STOR-06	16.68	19.11	19.93	20.73	21.62	16.67	19.11	19.93	20.74	21.62	-0.01	0.00	0.00	0.01	0.00
STOR-07	18.07	19.20	19.97	20.76	21.64	18.07	19.20	19.97	20.77	21.64	0.00	0.00	0.00	0.01	0.00

Notes: MAIN-03 FF El. of Camper County = 13.31
 MAIN-07 FF El. of 1284/1288 Stratmill Ct. = 13.43; Min Garage El. (1284 Stratmill Ct.) = 11.47

TABLE 3
Opinion of Probable Construction Cost Summary

Option	Description	Opinion of Probable Construction Cost
1A.1	Full Lake Dredging - New Disposal Site	\$ 2,618,000
1A.2	Full Lake Dredging - Existing Borrow/Disposal Site	\$ 2,337,000
1B.1	Full Lake Excavation - New Stockpile Site	\$ 1,964,000
1B.2	Full Lake Excavation - Existing Borrow/Stockpile Site	\$ 2,024,000
2A	Partial Lake Dredging / Partial Lake Fill	\$ 1,459,000
2B	Partial Lake Excavation / Partial Lake Fill	\$ 1,131,000
Off-Site	Off-site Channel and Pipe Improvements	\$ 439,000
Recommended	Option 2B and Off-Site Improvements	\$ 1,570,000