APPENDIX A

SPRING CREEK POST-CONSTRUCTION COMPLIANCE MONITORING RESULTS, 2012

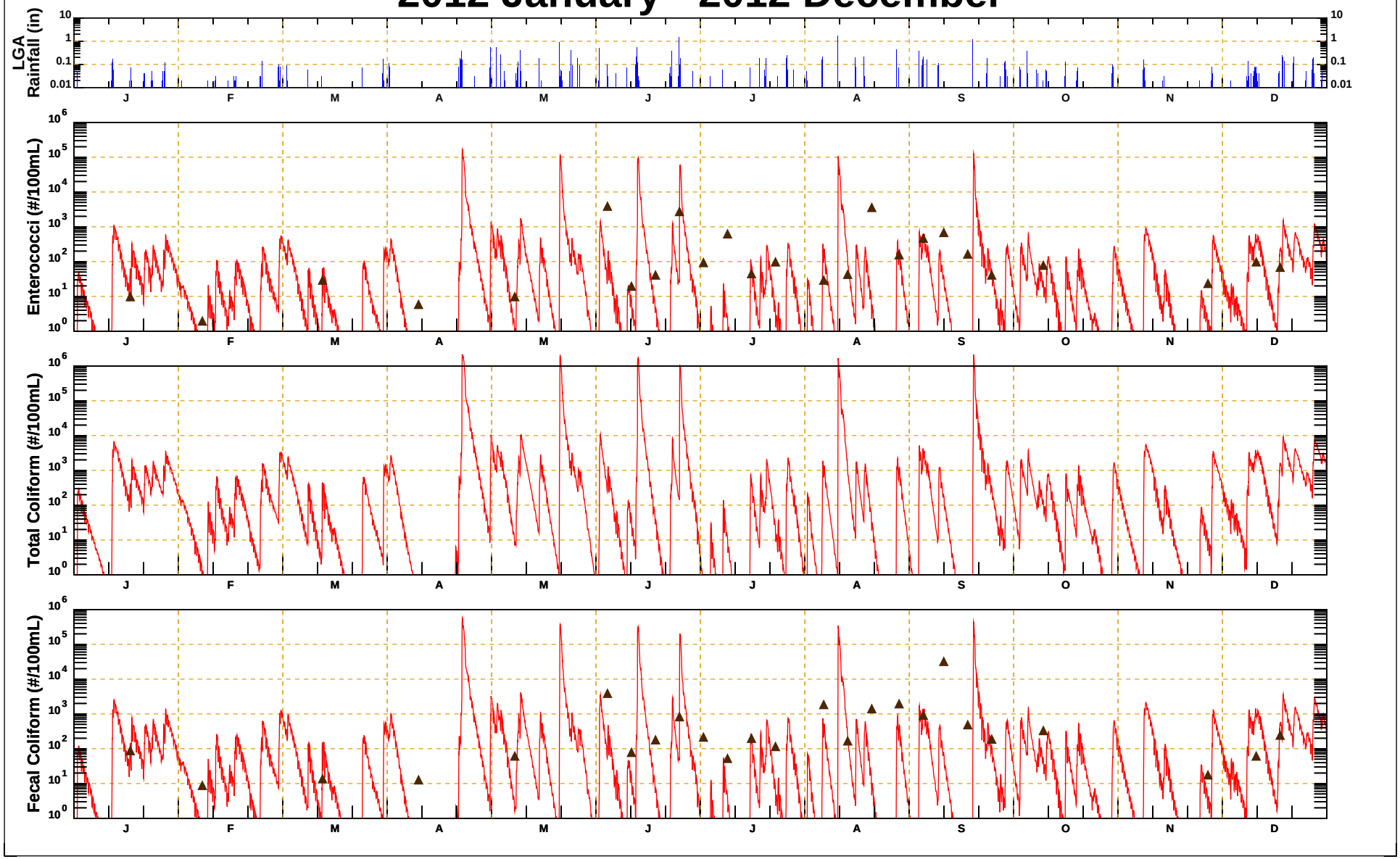
Site	Date	Hr:Mn	O_2 (Wnklr) (mg/L)		Fecal #/100 mL		Entero #/100 mL		TSS (mg/L)		DO (YSI) (mg/L)	
			Top	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot
SP1	1/17/2012	11:15	NA	NA	90	NA	10	NA	14.00	NA	11.46	NA
SP1	2/7/2012	11:00	NA	NA	9	NA	2	NA	11.00	NA	15.23	NA
SP1	3/13/2012	9:35	NA	NA	14	NA	30	NA	14.00	NA	12.75	NA
SP1	4/10/2012	10:56	NA	NA	13	NA	6	NA	4.00	NA	12.17	NA
SP1	5/8/2012	10:35	NA	NA	63	NA	10	NA	8.00	NA	8.35	NA
SP1	6/4/2012	10:55	NA	NA	4000	NA	4000	NA	5.00	NA	5.69	NA
SP1	6/11/2012	11:01	NA	NA	80	NA	20	NA	18.00	NA	14.42	NA
SP1	6/18/2012	11:49	NA	NA	184	NA	42	NA	30.00	NA	16.86	NA
SP1	6/25/2012	11:25	NA	NA	850	NA	2800	NA	11.00	NA	4.87	NA
SP1	7/2/2012	10:42	NA	NA	220	NA	96	NA	58.00	NA	6.37	NA
SP1	7/9/2012	11:03	NA	NA	54	NA	640	NA	8.00	NA	9.08	NA
SP1	7/16/2012	10:30	NA	NA	204	NA	46	NA	25.00	NA	7.10	NA
SP1	7/23/2012	11:02	NA	NA	118	NA	100	NA	8.00	NA	6.21	NA
SP1	8/6/2012	10:55	NA	NA	1900	NA	30	NA	21.00	NA	7.31	NA
SP1	8/13/2012	11:42	NA	NA	172	NA	44	NA	288.00	NA	7.90	NA
SP1	8/20/2012	11:20	NA	NA	1440	NA	3660	NA	6.00	NA	2.98	NA
SP1	8/28/2012	10:35	NA	NA	2000	NA	160	NA	58.00	NA	3.40	NA
SP1	9/4/2012	11:38	NA	NA	940	NA	480	NA	3.00	NA	3.83	NA
SP1	9/10/2012	11:10	NA	NA	33000	NA	700	NA	42.00	NA	6.29	NA
SP1	9/17/2012	11:00	NA	NA	500	NA	168	NA	10.00	NA	5.46	NA
SP1	9/24/2012	10:30	NA	NA	192	NA	42	NA	58.00	NA	5.23	NA
SP1	10/9/2012	11:05	NA	NA	340	NA	80	NA	15.00	NA	4.96	NA
SP1	11/26/2012	10:35	NA	NA	18	NA	24	NA	14.00	NA	10.22	NA
SP1	12/10/2012	10:54	NA	NA	63	NA	100	NA	21.00	NA	9.43	NA
SP1	12/17/2012	11:30	NA	NA	250	NA	70	NA	4.00	NA	10.87	NA
SP2	1/11/2012	13:49	11.34	NA	408	NA	30	NA	10.00	NA	NA	NA
SP2	2/14/2012	14:02	13.86	NA	35	NA	2	NA	9.00	NA	NA	NA
SP2	3/7/2012	13:45	14.75	NA	21	NA	4	NA	10.00	NA	NA	NA
SP2	4/4/2012	13:42	11.71	NA	388	NA	2	NA	6.00	NA	NA	NA
SP2	5/31/2012	13:57	9.17	NA	268	NA	4	NA	7.00	NA	NA	NA
SP2	6/6/2012	13:50	6.52	NA	800	NA	1	NA	5.00	NA	NA	NA
SP2	6/13/2012	13:23	8.29	NA	2000	NA	1120	NA	6.00	NA	NA	NA
SP2	6/20/2012	13:36	14.20	NA	40	NA	4	NA	16.00	NA	NA	NA
SP2	6/27/2012	14:27	6.06	NA	820	NA	2	NA	15.00	NA	NA	NA
SP2	7/5/2012	13:54	10.53	NA	50	NA	40	NA	5.00	NA	NA	NA
SP2	7/11/2012	13:24	9.72	NA	332	NA	1	NA	4.00	NA	NA	NA

Site	Date	Hr:Mn	O_2 (Wnklr) (mg/L)		Fecal #/100 mL		Entero #/100 mL		TSS (mg/L)		DO (YSI) (mg/L)	
			Top	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot
SP2	7/18/2012	13:55	12.08	NA	152	NA	1	NA	15.00	NA	NA	NA
SP2	7/24/2012	13:10	9.24	NA	84	NA	2	NA	6.00	NA	NA	NA
SP2	7/31/2012	13:58	6.92	NA	800	NA	1	NA	14.00	NA	NA	NA
SP2	8/8/2012	13:36	5.76	NA	58	NA	10	NA	15.00	NA	NA	NA
SP2	8/15/2012	14:28	4.52	NA	324	NA	1	NA	8.00	NA	NA	NA
SP2	8/22/2012	13:53	8.99	NA	55	NA	1	NA	10.00	NA	NA	NA
SP2	8/29/2012	14:18	2.66	NA	3500	NA	6	NA	14.00	NA	NA	NA
SP2	9/6/2012	14:24	4.43	NA	460	NA	2	NA	9.00	NA	NA	NA
SP2	9/12/2012	14:10	6.50	NA	336	NA	1	NA	7.00	NA	NA	NA
SP2	9/19/2012	13:57	6.71	NA	850	NA	4	NA	5.00	NA	NA	NA
SP2	9/26/2012	14:10	7.12	NA	58	NA	3	NA	8.00	NA	NA	NA
SP2	10/3/2012	NS	NS	NA	NS	NA	NS	NA	NS	NA	NA	NA
SP2	11/15/2012	13:47	8.62	NA	236	NA	3	NA	16.00	NA	NA	NA
SP2	12/5/2012	13:55	11.18	NA	32	NA	1	NA	7.00	NA	NA	NA
SP2	12/12/2012	14:07	10.39	NA	204	NA	4	NA	4.00	NA	NA	NA
SP2	12/19/2012	13:44	10.14	NA	53	NA	4	NA	11.00	NA	NA	NA
J8	1/11/2012	13:54	10.63	11.11	360	NA	18	NA	6.00	8.00	NA	NA
J8	2/14/2012	14:08	12.97	13.10	36	NA	1	NA	5.00	5.00	NA	NA
J8	3/7/2012	13:52	14.03	14.23	14	NA	5	NA	11.00	23.00	NA	NA
J8	4/4/2012	13:50	11.13	NS	480	NA	2	NA	9.00	NA	NA	NA
J8	5/31/2012	14:02	9.38	NS	310	NA	1	NA	7.00	NA	NA	NA
J8	6/6/2012	13:56	6.75	5.17	690	NA	1	NA	5.00	7.00	NA	NA
J8	6/13/2012	13:30	6.98	5.28	16100	NA	420	NA	4.00	2.00	NA	NA
J8	6/20/2012	13:41	9.66	7.43	329	NA	290	NA	3.00	8.00	NA	NA
J8	6/27/2012	14:32	5.78	5.51	1100	NA	2	NA	13.00	10.00	NA	NA
J8	7/5/2012	14:00	5.28	5.90	870	NA	1	NA	3.00	3.00	NA	NA
J8	7/11/2012	13:28	9.70	9.14	160	NA	2	NA	11.00	12.00	NA	NA
J8	7/18/2012	14:01	5.18	4.48	540	NA	2	NA	3.00	7.00	NA	NA
J8	7/24/2012	13:15	9.00	6.93	56	NA	2	NA	6.00	6.00	NA	NA
J8	7/31/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
J8	8/8/2012	13:40	7.67	6.36	108	NA	1	NA	12.00	10.00	NA	NA
J8	8/15/2012	14:33	3.38	2.08	232	NA	1	NA	8.00	10.00	NA	NA
J8	8/22/2012	13:58	6.43	4.40	38	NA	1	NA	11.00	16.00	NA	NA
J8	8/29/2012	14:26	3.38	3.26	5100	NA	6	NA	8.00	16.00	NA	NA
J8	9/6/2012	14:29	3.64	3.60	204	NA	2	NA	5.00	5.00	NA	NA
J8	9/12/2012	14:15	5.88	4.89	356	NA	1	NA	10.00	8.00	NA	NA
J8	9/19/2012	14:01	5.31	5.34	1100	NA	75	NA	11.00	12.00	NA	NA
J8	9/26/2012	14:15	6.77	6.50	84	NA	4	NA	10.00	9.00	NA	NA
J8	10/3/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
J8	11/15/2012	13:54	7.86	8.00	176	NA	4	NA	16.00	16.00	NA	NA
J8	12/5/2012	14:01	9.99	10.46	38	NA	2	NA	5.00	5.00	NA	NA
J8	12/12/2012	14:13	10.80	10.72	168	NA	4	NA	6.00	9.00	NA	NA
J8	12/19/2012	13:48	10.54	10.02	96	NA	4	NA	6.00	5.00	NA	NA

APPENDIX B

SPRING CREEK MODEL ASSESSMENT COMPARISON OF MODEL RESULTS WITH PATHOGEN MONITORING DATA, 2012

2012 January - 2012 December

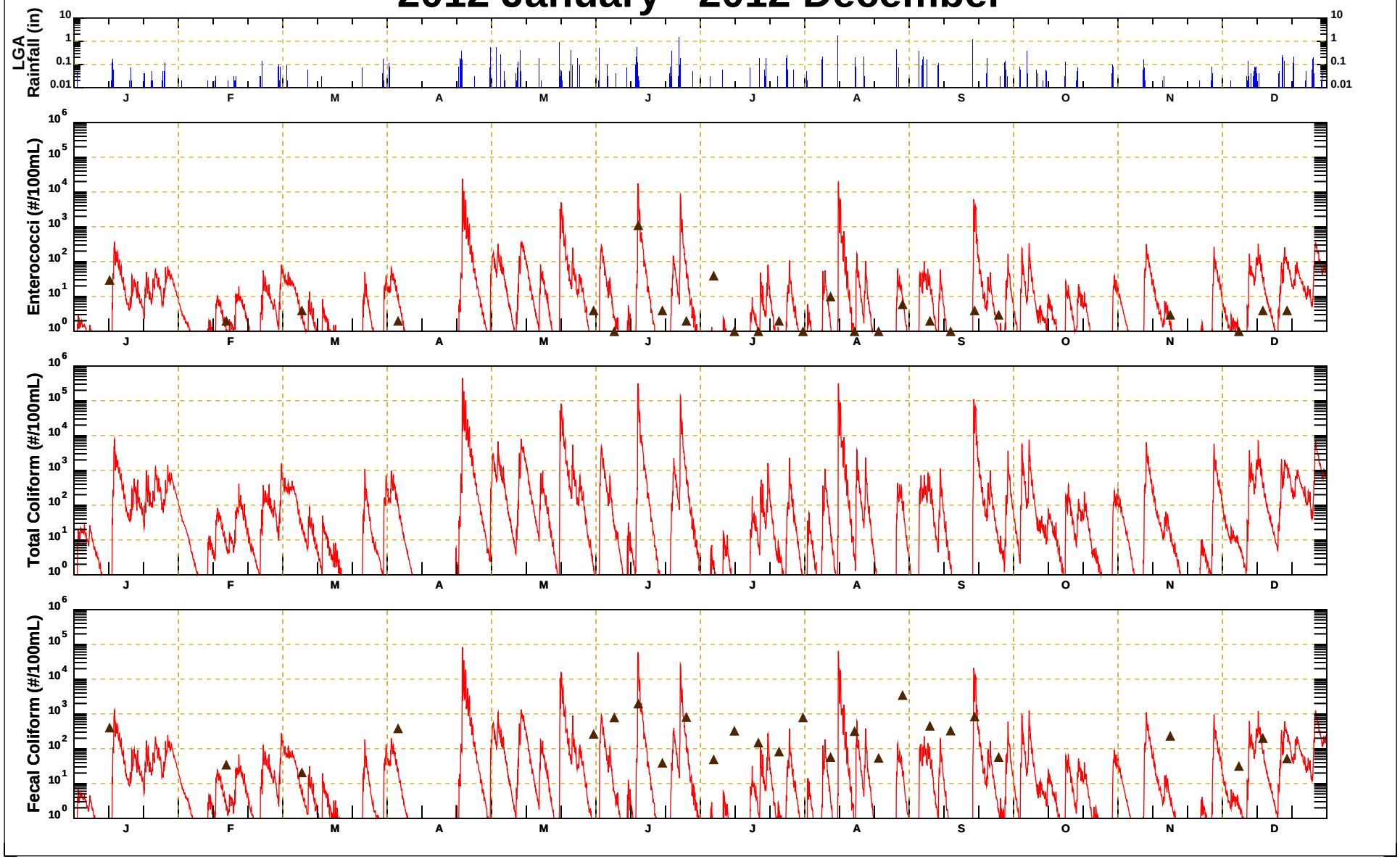


2012, Spring Creek SP1, Cell (73,70)
(Spring Creek with Tank)

▲ ▼ 2012 Open Water Data
▲ ▼ 2012 NYCDEP Harbor Survey Data
Surface Layer

DATE: 7/01/2013 TIME: 15:59:16

2012 January - 2012 December

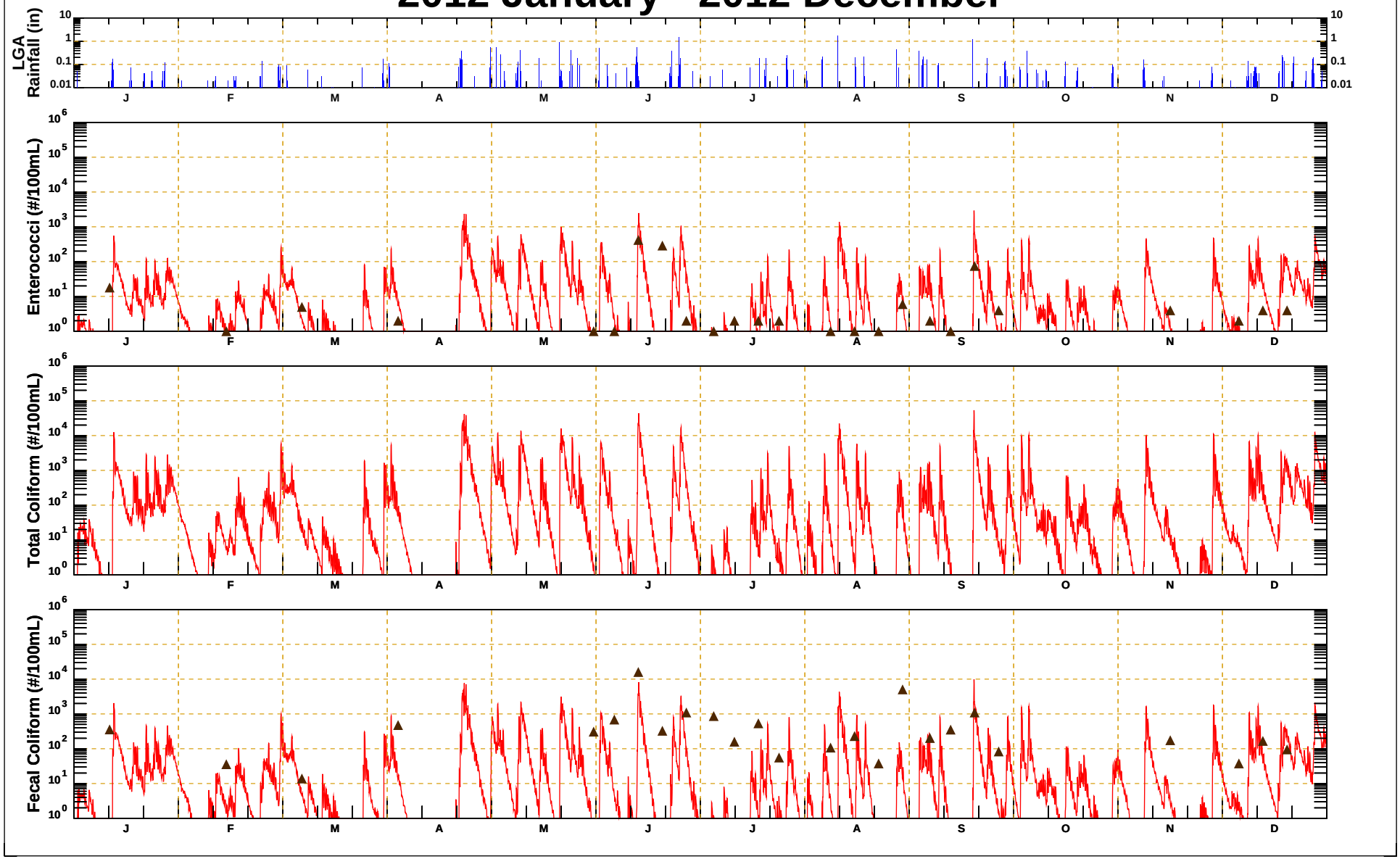


2012, Spring Creek SP2, Cell (73,60)
(Spring Creek with Tank)

▲ ▼ 2012 Open Water Data
▲ ▼ 2012 NYCDEP Harbor Survey Data
Surface Layer

DATE: 7/01/2013 TIME: 15:59:26

2012 January - 2012 December



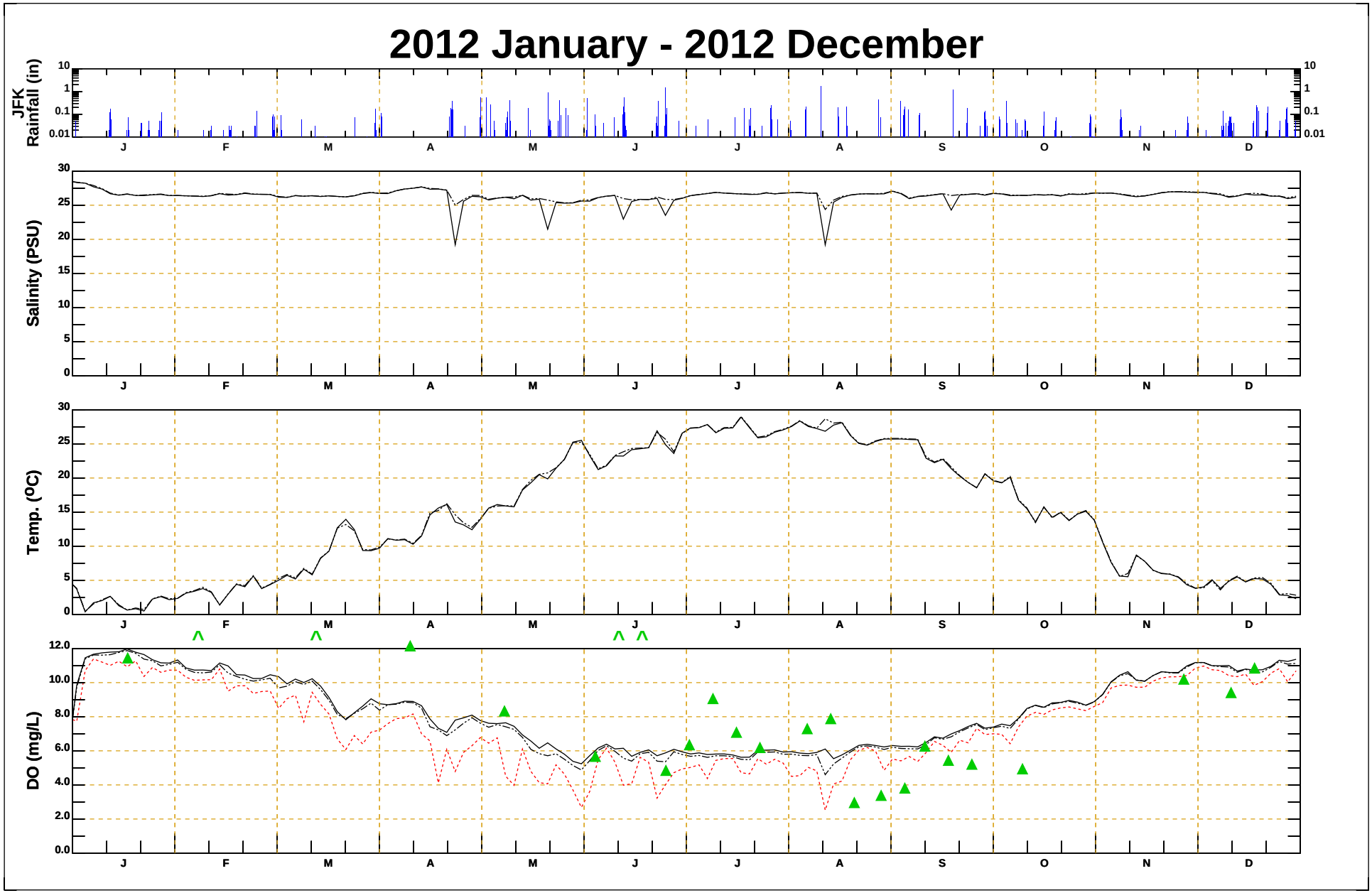
2012, Jamaica Bay J8, Cell (75,57)
(Spring Creek with Tank)

▲ ▼ 2012 Open Water Data
▲ ▼ 2012 NYCDEP Harbor Survey Data
Surface Layer

DATE: 7/01/2013 TIME: 15:59:34

APPENDIX C

SPRING CREEK MODEL ASSESSMENT COMPARISON OF MODEL RESULTS WITH DISSOLVED OXYGEN MONITORING DATA, 2012

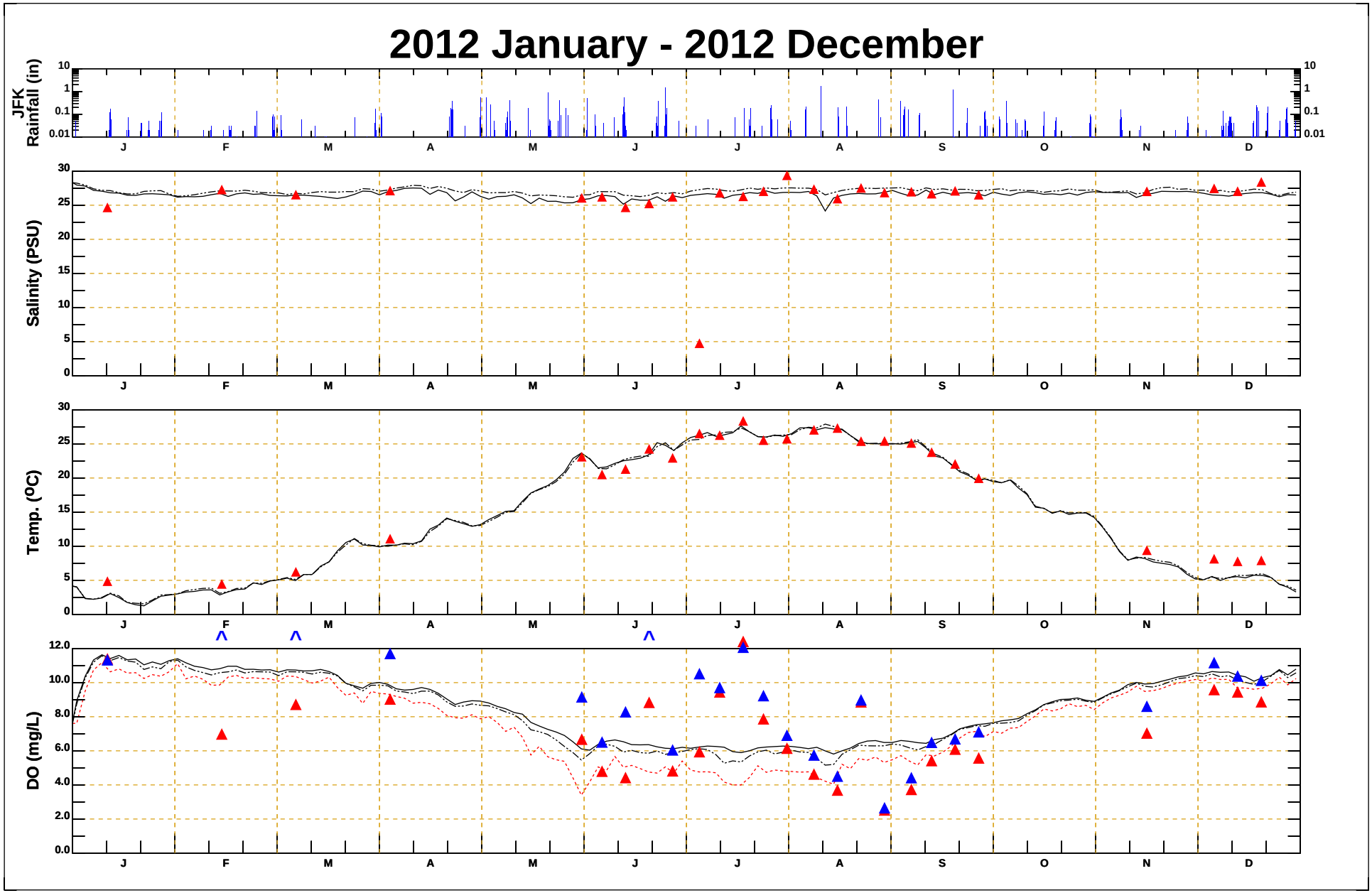


2012,Spring Creek SP1, Cell (73,70)
(Spring Creek with Tank)

- 2012 NYCDEP HS Winkler
- 2012 NYCDEP HS CTD Data
- 2012 NYCDEP HS YSI Field Data
- Surface Average
- Bottom Average
- Bottom Minimum

YR1
SC with Tank

DATE: 7/02/2013 TIME: 11:53:44

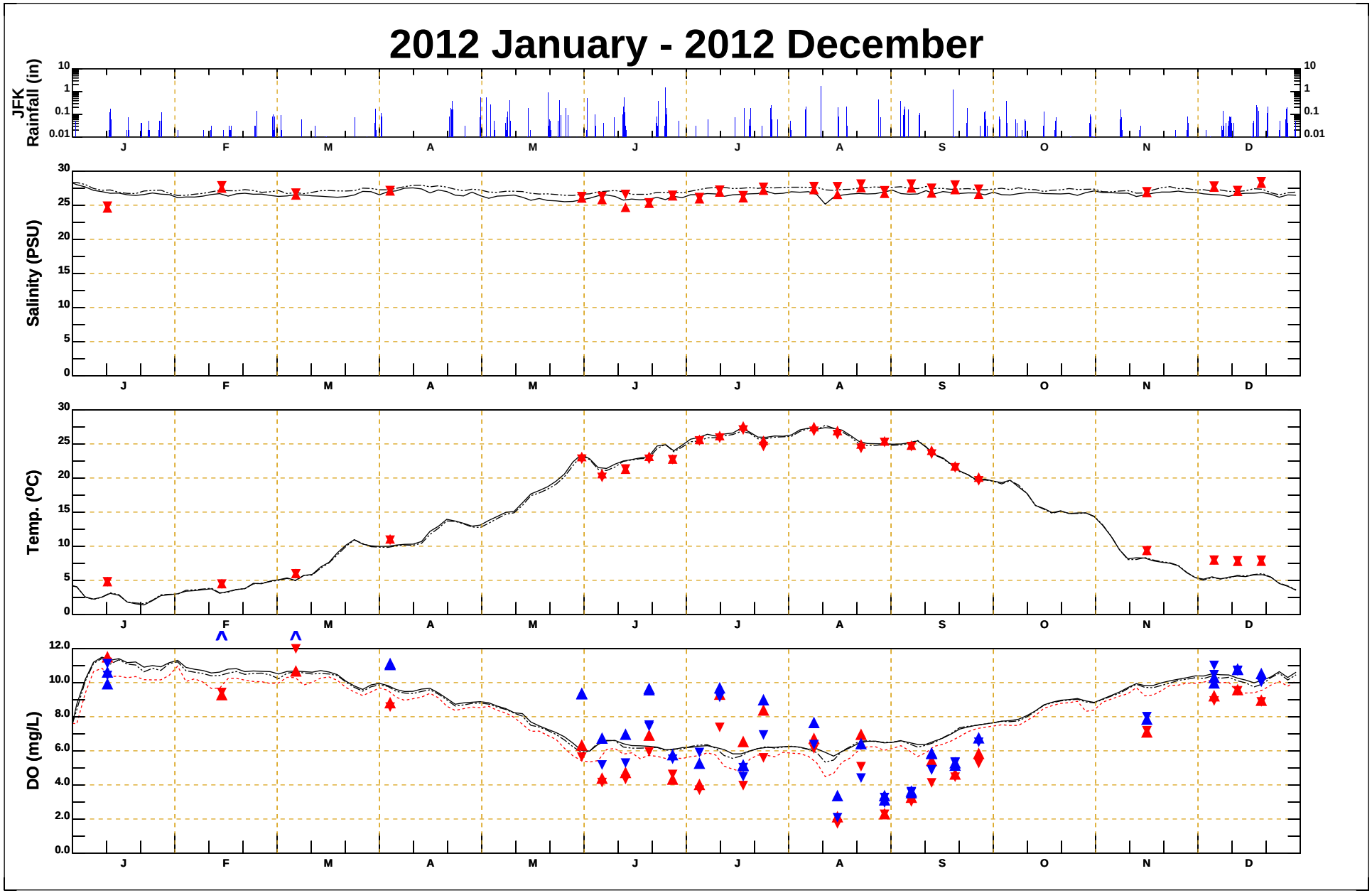


2012,Spring Creek SP2, Cell (73,60)
(Spring Creek with Tank)

- 2012 NYCDEP HS Winkler
- 2012 NYCDEP HS CTD Data
- 2012 NYCDEP HS YSI Field Data
- Surface Average
- Bottom Average
- Bottom Minimum

YR1
SC with Tank

DATE: 7/02/2013 TIME: 11:53:56



2012,Jamaica Bay J8, Cell (75,57)
(Spring Creek with Tank)

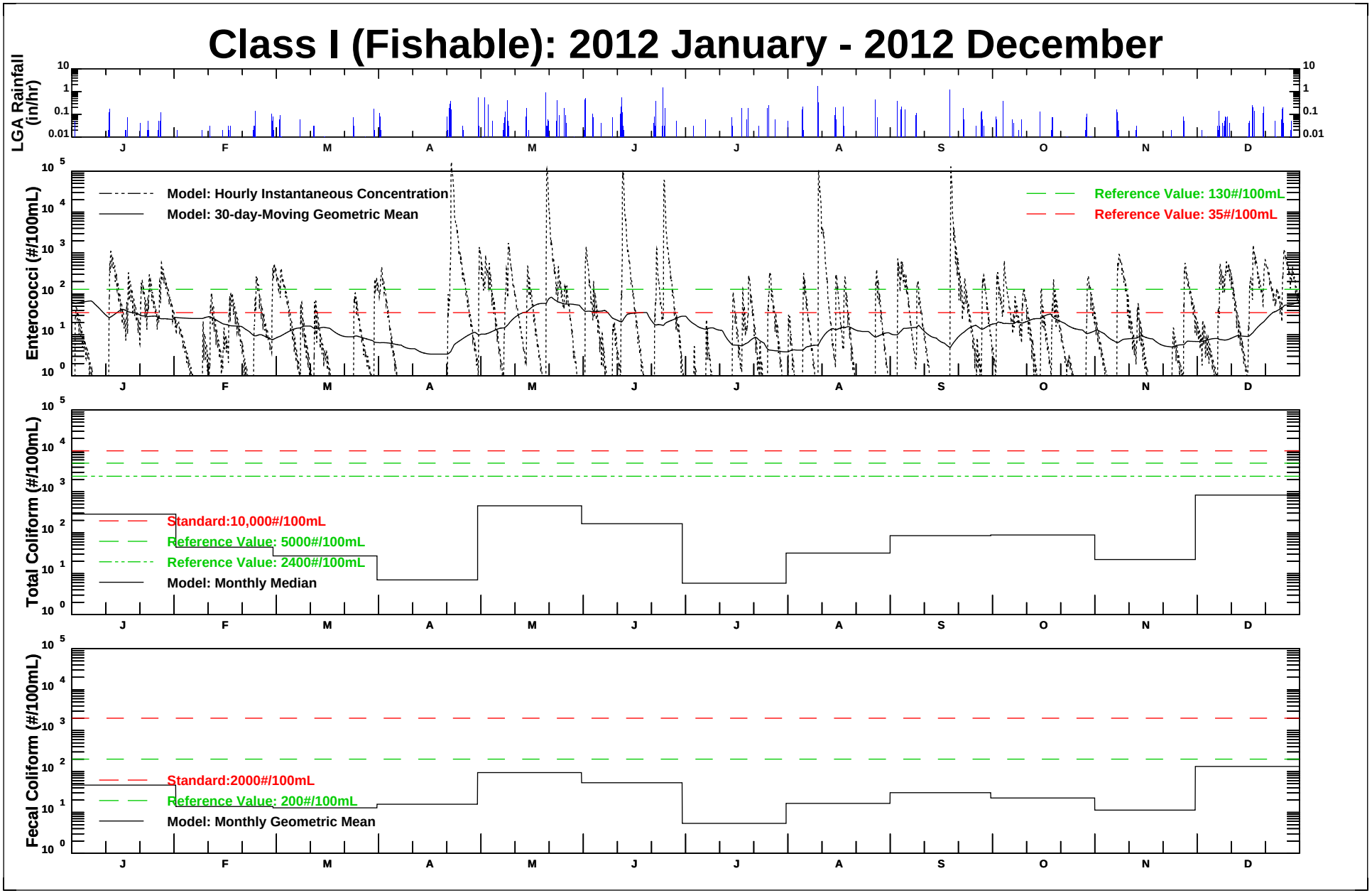
- 2012 NYCDEP HS Winkler
- 2012 NYCDEP HS CTD Data
- 2012 NYCDEP HS YSI Field Data
- Surface Average
- Bottom Average
- Bottom Minimum

YR1
SC with Tank

DATE: 7/02/2013 TIME: 11:54: 8

APPENDIX D

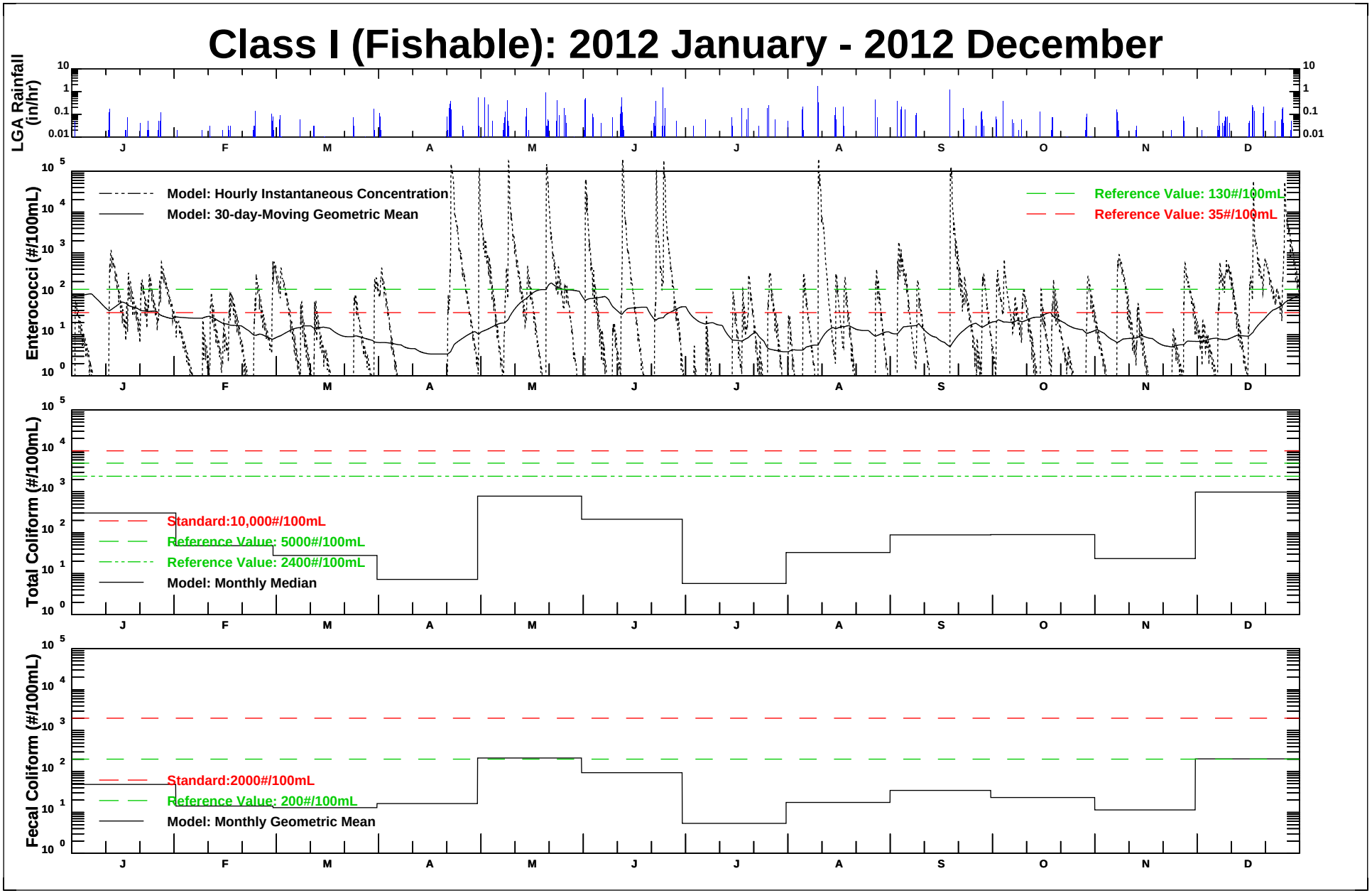
SPRING CREEK PATHOGEN ASSESSMENT COMPARISON OF CALCULATED MONTHLY GEOMETRIC MEAN BACTERIA CONCENTRATIONS WITH AND WITHOUT THE CSO RETENTION FACILITY, 2012 CONDITIONS



2012, Spring Creek Station SP1 , Cell (73,70)
(Spring Creek with Tank)

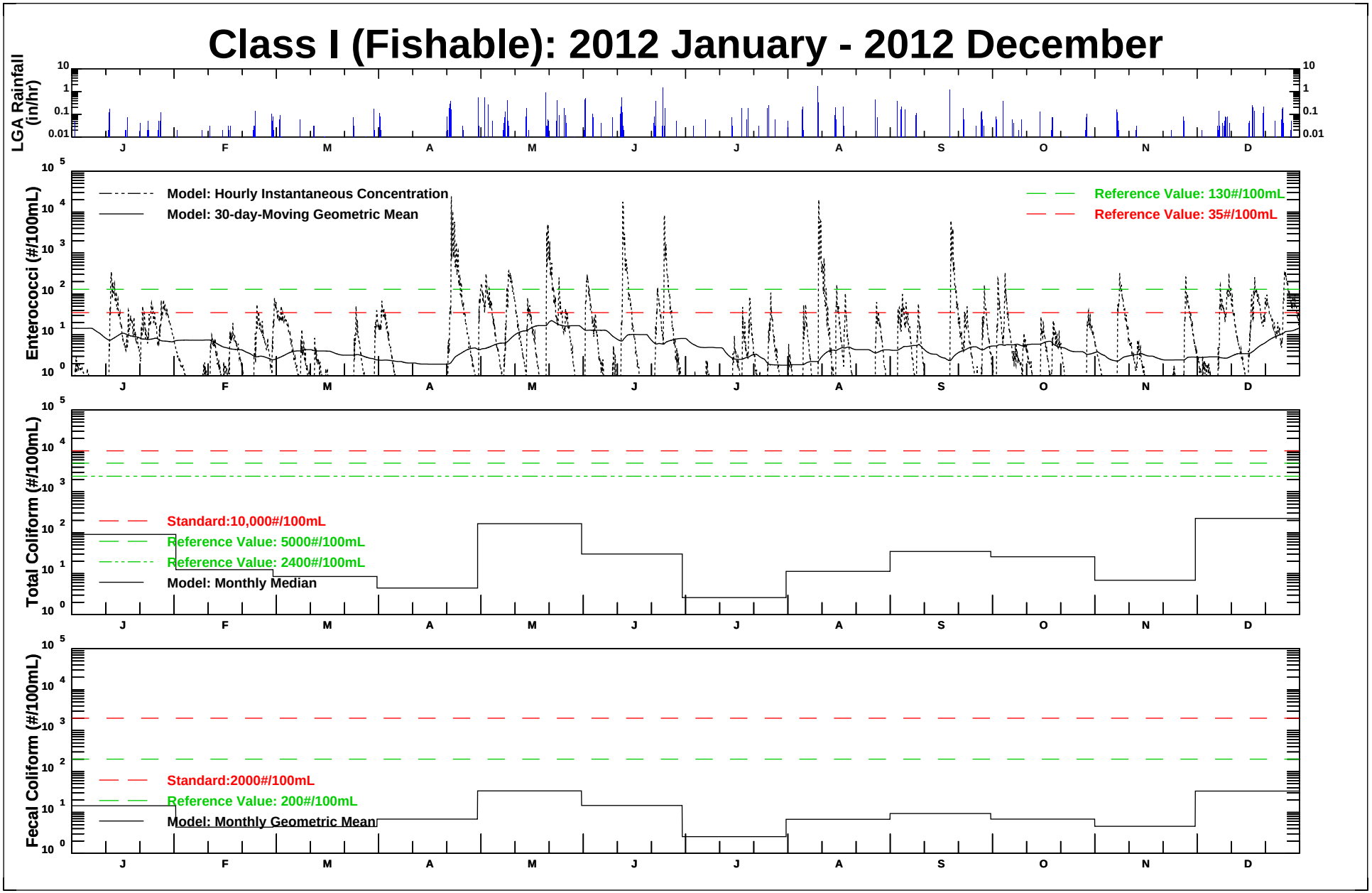
DATE: 7/03/2013 TIME: 16:39:26

Class I (Fishable): 2012 January - 2012 December



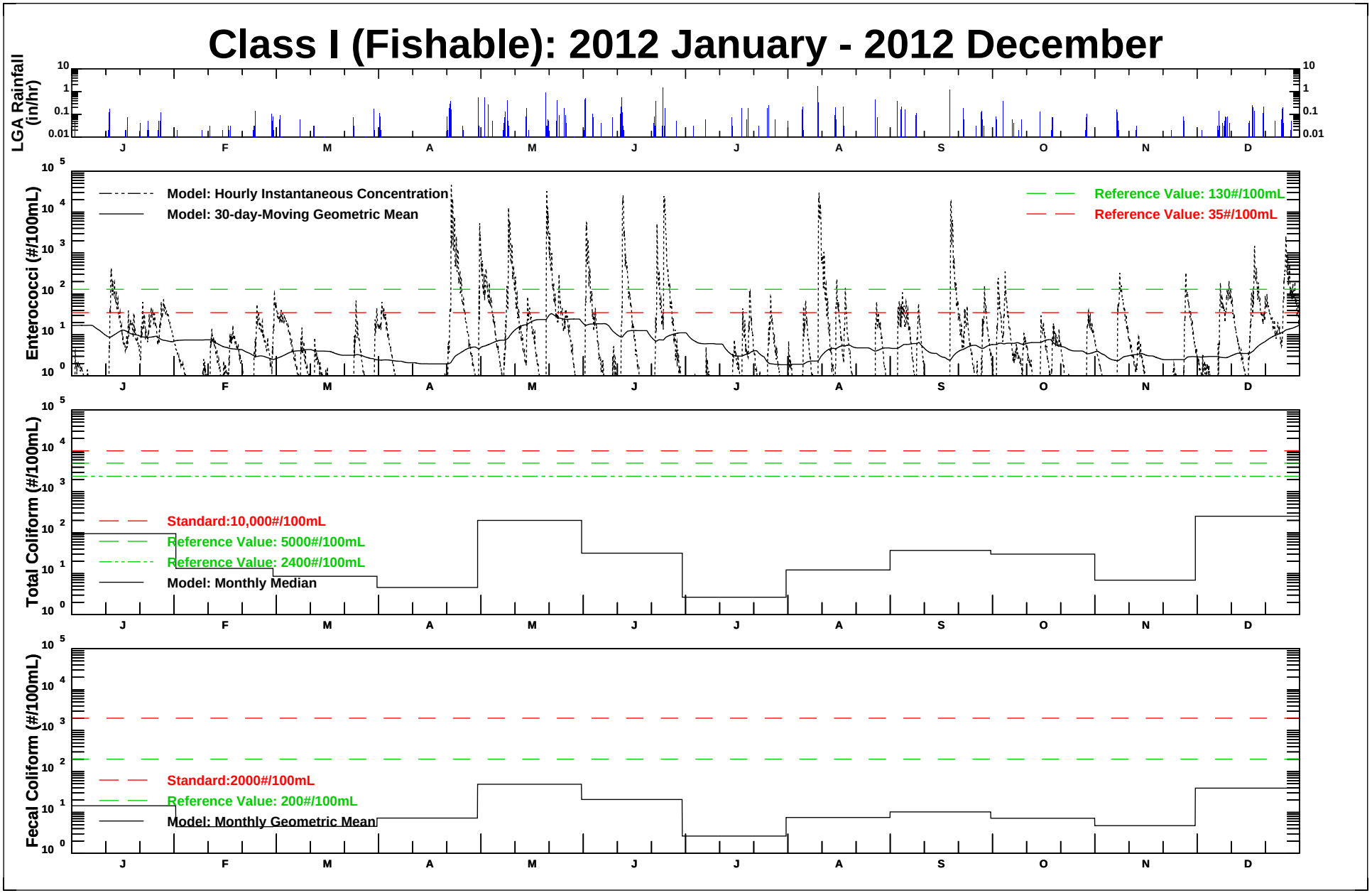
2012, Spring Creek Station SP1 , Cell (73,70)
(Spring Creek without Tank)

DATE: 7/03/2013 TIME: 16:41:23



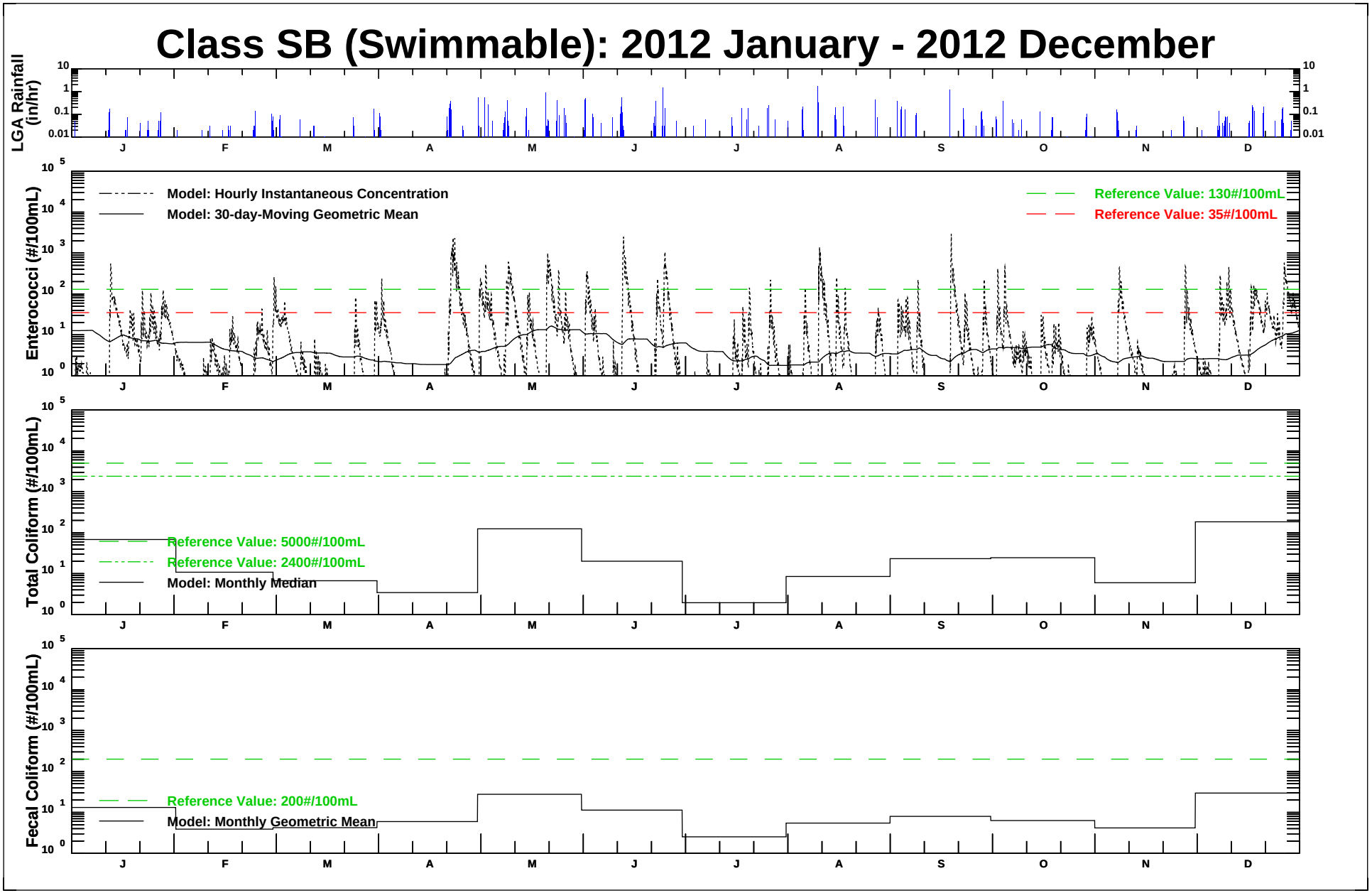
2012, Spring Creek Station SP2 , Cell (73,60)
(Spring Creek with Tank)

DATE: 7/03/2013 TIME: 16:39:29



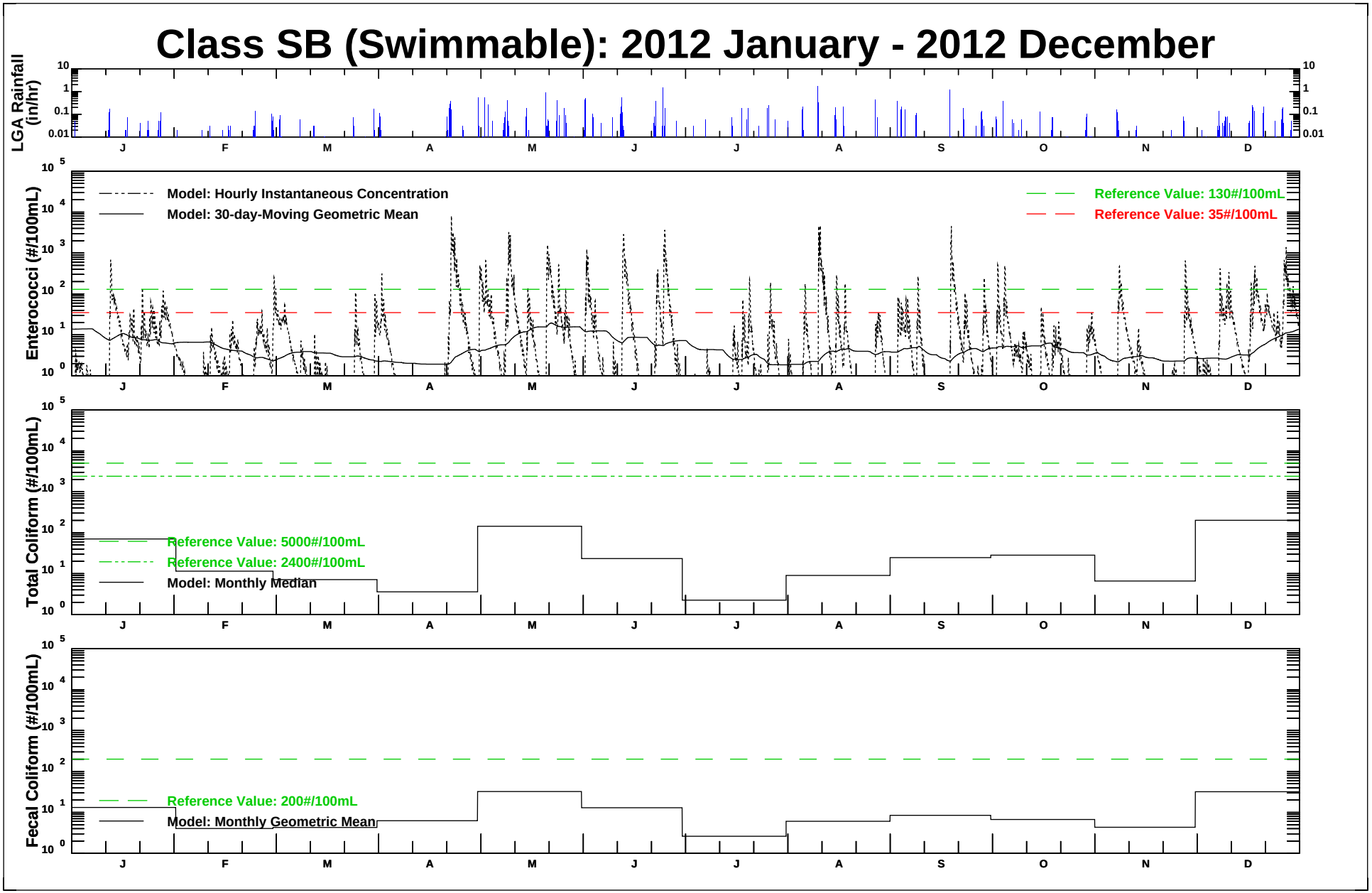
2012, Spring Creek Station SP2 , Cell (73,60)
(Spring Creek without Tank)

DATE: 7/03/2013 TIME: 16:41:26



2012, Jamaica Bay Station J8, , Cell (75,57)
(Spring Creek with Tank)

DATE: 7/03/2013 TIME: 16:39:42



2012, Jamaica Bay Station J8, , Cell (75,57)
(Spring Creek without Tank)

DATE: 7/03/2013 TIME: 16:41:32

APPENDIX E

FLUSHING BAY TANK POST-CONSTRUCTION COMPLIANCE MONITORING RESULTS, 2012

Site	Date	Hr:Mn	O_2 (Wnklr) (mg/L)		Fecal #/100 mL		Entero #/100 mL		TSS (mg/L)		DO (YSI) (mg/L)	
			Top	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot
FLC1	1/9/2012	14:00	8.28	9.25	212	NA	118	NA	6.00	14.00	NA	NA
FLC1	2/13/2012	12:50	10.57	11.10	350	NA	220	NA	19.00	25.00	NA	NA
FLC1	3/5/2012	13:19	14.71	14.65	700	NA	130	NA	13.00	14.00	NA	NA
FLC1	4/2/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLC1	4/3/2012	13:15	12.90	NS	760	NA	40	NA	6.00	NS	NA	NA
FLC1	5/29/2012	13:59	5.86	NS	2100	NA	5	NA	11.0	NS	NA	NA
FLC1	6/4/2012	14:37	5.85	5.08	4200	NA	210	NA	8.0	4.0	NA	NA
FLC1	6/11/2012	12:35	3.39	3.36	800	NA	34	NA	7.0	20.0	NA	NA
FLC1	6/18/2012	13:31	8.85	5.46	800	NA	21	NA	10.0	8.0	NA	NA
FLC1	6/25/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLC1	7/2/2012	13:25	4.58	4.68	1500	NA	56	NA	5.0	7.0	NA	NA
FLC1	7/9/2012	12:48	3.31	4.40	5800	NA	140	NA	10.0	8.0	NA	NA
FLC1	7/16/2012	13:12	4.49	5.44	20000	NA	1220	NA	10.0	10.0	NA	NA
FLC1	7/23/2012	12:44	4.68	4.61	3400	NA	100	NA	13.0	15.0	NA	NA
FLC1	7/30/2012	12:57	2.38	2.74	4800	NA	64	NA	10.0	10.0	NA	NA
FLC1	8/6/2012	12:39	3.55	3.77	10400	NA	660	NA	9.0	16.0	NA	NA
FLC1	8/13/2012	14:09	1.65	1.69	30000	NA	440	NA	6.0	7.0	NA	NA
FLC1	8/20/2012	12:40	2.67	2.62	2000	NA	63	NA	14.0	13.0	NA	NA
FLC1	8/27/2012	13:37	6.63	6.72	8700	NA	770	NA	34.0	24.0	NA	NA
FLC1	9/4/2012	12:32	2.94	3.33	2500	NA	890	NA	5.0	8.0	NA	NA
FLC1	9/10/2012	12:52	1.55	1.57	78000	NA	580	NA	13.0	11.0	NA	NA
FLC1	9/17/2012	12:48	4.84	4.80	2300	NA	74	NA	8.0	10.0	NA	NA
FLC1	9/24/2012	13:13	3.91	3.90	2200	NA	102	NA	4.0	8.0	NA	NA
FLC1	10/1/2012	12:32	4.41	4.35	2700	NA	120	NA	7.0	9.0	NA	NA
FLC1	11/10/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLC1	11/13/2012	13:26	7.25	7.29	600	NA	106	NA	9.0	12.0	NA	NA
FLC1	11/19/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLC1	12/10/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLC1	12/17/2012	15:38	8.54	8.62	510	NA	210	NA	5.0	4.0	NA	NA
FLC1	12/26/2012	13:33	8.70	8.28	700	NA	160	NA	6.0	2.0	NA	NA
FLC2	1/9/2012	13:54	8.58	9.57	108	NA	25	NA	8.00	6.00	NA	NA
FLC2	2/13/2012	12:58	11.66	11.26	108	NA	29	NA	20.00	17.00	NA	NA
FLC2	3/5/2012	13:28	13.24	13.27	510	NA	200	NA	9.00	2.00	NA	NA
FLC2	4/2/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLC2	4/3/2012	13:22	12.82	NS	4000	NA	17800	NA	7.00	NS	NA	NA
FLC2	5/29/2012	14:10	6.08	NS	8400	NA	28	NA	8.0	NS	NA	NA

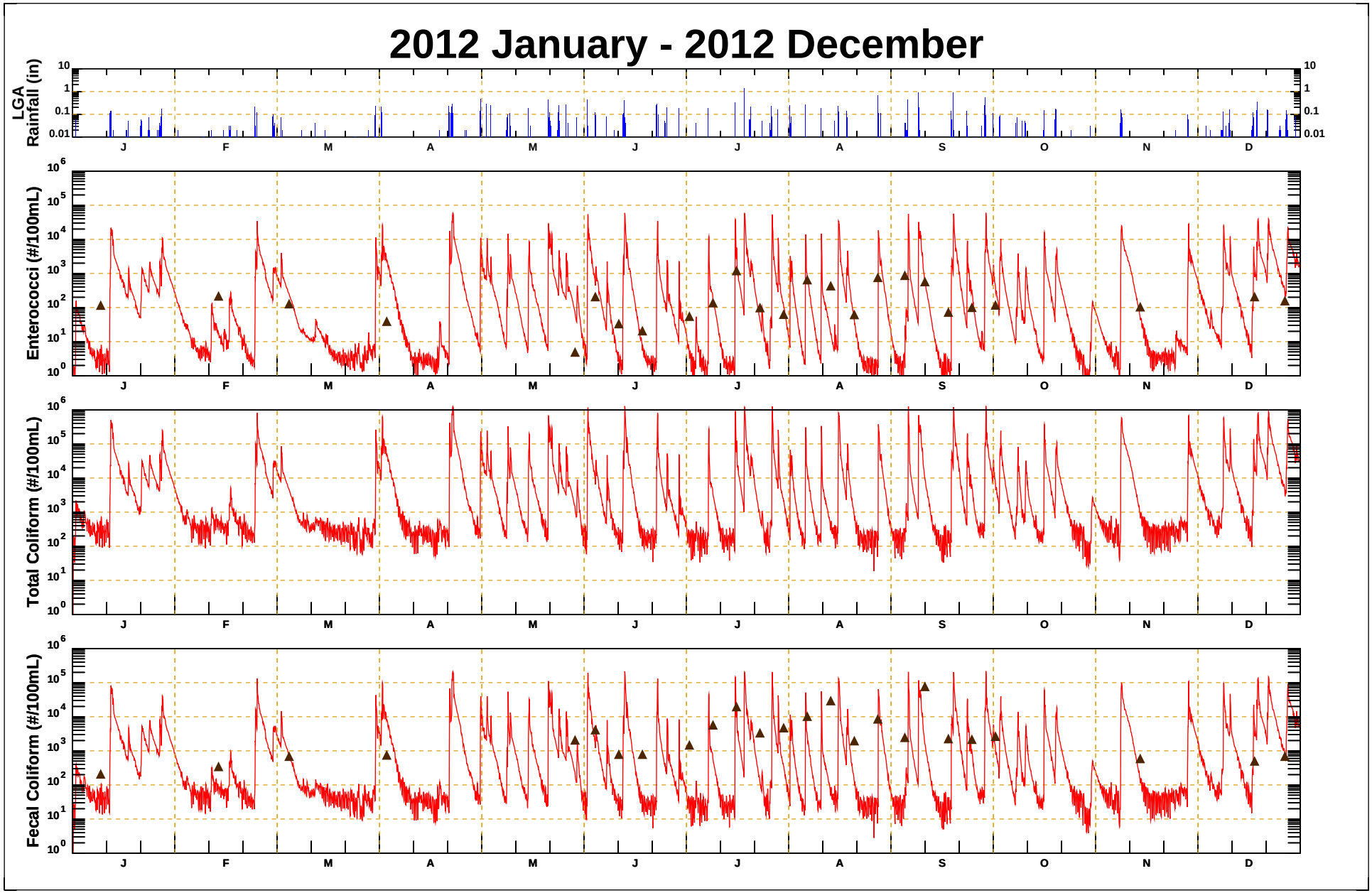
Site	Date	Hr:Mn	O_2 (Wnklr) (mg/L)		Fecal #/100 mL		Entero #/100 mL		TSS (mg/L)		DO (YSI) (mg/L)	
			Top	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot
FLC2	6/4/2012	14:30	5.22	6.26	20000	NA	1100	NA	4.0	10.0	NA	NA
FLC2	6/11/2012	12:28	4.04	4.51	800	NA	200	NA	12.0	7.0	NA	NA
FLC2	6/18/2012	13:37	10.89	6.24	800	NA	20	NA	11.0	7.0	NA	NA
FLC2	6/25/2012	13:30	3.44	3.45	20000	NA	2000	NA	30.0	29.0	NA	NA
FLC2	7/2/2012	13:33	4.44	4.35	500	NA	NS	NA	24.0	13.0	NA	NA
FLC2	7/9/2012	12:56	5.83	6.46	6400	NA	320	NA	13.0	17.0	NA	NA
FLC2	7/16/2012	13:19	5.03	5.43	20000	NA	1150	NA	8.0	11.0	NA	NA
FLC2	7/23/2012	12:52	6.28	6.33	2100	NA	7	NA	13.0	11.0	NA	NA
FLC2	7/30/2012	13:05	3.43	3.18	2400	NA	45	NA	8.0	11.0	NA	NA
FLC2	8/6/2012	12:47	5.17	4.90	12600	NA	360	NA	16.0	13.0	NA	NA
FLC2	8/13/2012	14:02	4.63	4.45	3700	NA	34	NA	3.0	11.0	NA	NA
FLC2	8/20/2012	12:48	2.95	2.91	1900	NA	41	NA	16.0	15.0	NA	NA
FLC2	8/27/2012	13:44	5.44	5.87	58000	NA	2000	NA	25.0	25.0	NA	NA
FLC2	9/4/2012	12:39	3.83	3.97	324	NA	96	NA	10.0	16.0	NA	NA
FLC2	9/10/2012	12:59	3.78	3.50	8300	NA	46	NA	5.0	6.0	NA	NA
FLC2	9/17/2012	12:55	5.64	5.47	256	NA	10	NA	10.0	11.0	NA	NA
FLC2	9/24/2012	13:19	5.00	5.00	4500	NA	30	NA	9.0	3.0	NA	NA
FLC2	10/1/2012	12:39	5.64	5.54	800	NA	17	NA	12.0	11.0	NA	NA
FLC2	11/10/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLC2	11/13/2012	13:32	7.96	8.08	2500	NA	52	NA	9.0	7.0	NA	NA
FLC2	11/19/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLC2	12/10/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FLC2	12/17/2012	15:33	9.26	9.04	200	NA	100	NA	5.0	8.0	NA	NA
FLC2	12/26/2012	13:38	9.27	9.26	144	NA	40	NA	6.0	6.0	NA	NA
E15	2/13/2012	13:05	11.61	11.25	9	NA	3	NA	10.00	14.00	NA	NA
E15	3/5/2012	13:35	12.91	13.63	18	NA	5	NA	10.00	9.00	NA	NA
E15	4/2/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E15	4/3/2012	13:30	12.03	NS	104	NA	200	NA	8.00	NS	NA	NA
E15	5/29/2012	14:15	8.63	NS	201	NA	1	NA	12.0	NS	NA	NA
E15	6/4/2012	14:21	6.20	6.25	1980	NA	10	NA	14.0	13.0	NA	NA
E15	6/11/2012	12:22	4.93	4.82	660	NA	27	NA	5.0	11.0	NA	NA
E15	6/18/2012	13:43	9.52	6.66	370	NA	8	NA	17.0	11.0	NA	NA
E15	6/25/2012	13:27	4.77	4.45	2000	NA	39	NA	34.0	38.0	NA	NA

Site	Date	Hr:Mn	O_2 (Wnklr) (mg/L)		Fecal #/100 mL		Entero #/100 mL		TSS (mg/L)		DO (YSI) (mg/L)	
			Top	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot
E15	7/2/2012	13:40	5.17	5.34	410	NA	4	NA	6.0	7.0	NA	NA
E15	7/9/2012	13:02	5.70	5.71	2160	NA	20	NA	9.0	11.0	NA	NA
E15	7/16/2012	13:25	8.55	8.86	2000	NA	104	NA	10.0	11.0	NA	NA
E15	7/23/2012	12:57	5.20	5.23	480	NA	10	NA	17.0	14.0	NA	NA
E15	7/30/2012	13:13	4.11	4.24	2500	NA	5	NA	10.0	11.0	NA	NA
E15	8/6/2012	12:54	5.44	5.41	4000	NA	90	NA	19.0	20.0	NA	NA
E15	8/13/2012	13:56	6.12	5.99	197	NA	1	NA	11.0	12.0	NA	NA
E15	8/20/2012	12:55	3.69	3.62	310	NA	6	NA	8.0	11.0	NA	NA
E15	8/27/2012	13:50	4.81	4.25	670	NA	34	NA	24.0	19.0	NA	NA
E15	9/4/2012	12:46	7.75	4.30	216	NA	11	NA	15.0	12.0	NA	NA
E15	9/10/2012	13:04	5.70	5.97	800	NA	9	NA	10.0	8.0	NA	NA
E15	9/17/2012	13:03	5.42	5.41	92	NA	1	NA	7.0	8.0	NA	NA
E15	9/24/2012	13:24	6.20	6.31	360	NA	13	NA	13.0	10.0	NA	NA
E15	10/1/2012	12:45	5.87	5.81	200	NA	3	NA	11.0	15.0	NA	NA
E15	11/10/2012	12:01	8.30	8.43	690	NA	60	NA	4.0	8.0	NA	NA
E15	11/13/2012	13:38	8.66	8.55	44	NA	6	NA	12.0	5.0	NA	NA
E15	11/19/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E15	12/10/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E15	12/17/2012	15:25	9.15	9.13	520	NA	240	NA	3.0	7.0	NA	NA
E15	12/26/2012	13:44	9.61	9.76	72	NA	22	NA	3.0	5.0	NA	NA
FB1	1/9/2012	13:39	9.55	9.91	102	NA	20	NA	12.00	12.00	NA	NA
FB1	2/13/2012	13:14	11.25	11.01	8	NA	1	NA	15.00	14.00	NA	NA
FB1	3/5/2012	13:44	14.25	14.50	13	NA	6	NA	5.00	6.00	NA	NA
FB1	4/2/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
FB1	4/3/2012	13:40	12.60	NS	130	NA	12	NA	8.00	NA	NA	NA
FB1	5/29/2012	14:25	8.08	NS	136	NA	2	NA	25.0	NA	NA	NA
FB1	6/4/2012	14:12	6.05	6.42	1870	NA	48	NA	11.0	15.0	NA	NA
FB1	6/11/2012	12:14	5.54	5.07	800	NA	9	NA	10.0	15.0	NA	NA
FB1	6/18/2012	13:52	11.08	6.50	800	NA	9	NA	18.0	12.0	NA	NA
FB1	6/25/2012	13:37	4.62	4.55	236	NA	7	NA	17.0	24.0	NA	NA
FB1	7/2/2012	13:49	5.17	4.75	236	NA	16	NA	15.0	14.0	NA	NA
FB1	7/9/2012	13:11	6.14	6.02	950	NA	4	NA	15.0	13.0	NA	NA
FB1	7/16/2012	13:34	6.83	6.22	800	NA	220	NA	7.0	11.0	NA	NA
FB1	7/23/2012	13:08	4.00	4.14	42	NA	2	NA	15.0	17.0	NA	NA
FB1	7/30/2012	13:22	4.16	3.75	2800	NA	7	NA	7.0	11.0	NA	NA
FB1	8/6/2012	13:03	3.91	4.11	2000	NA	20	NA	11.0	15.0	NA	NA
FB1	8/13/2012	13:48	5.34	5.39	224	NA	8	NA	10.0	15.0	NA	NA
FB1	8/20/2012	13:04	3.25	3.21	540	NA	4	NA	14.0	15.0	NA	NA
FB1	8/27/2012	13:58	5.09	4.87	490	NA	160	NA	17.0	14.0	NA	NA
FB1	9/4/2012	12:54	3.64	3.22	92	NA	8	NA	8.0	10.0	NA	NA
FB1	9/10/2012	13:13	4.28	4.27	980	NA	24	NA	14.0	15.0	NA	NA

Site	Date	Hr:Mn	O_2 (Wnklr) (mg/L)		Fecal #/100 mL		Entero #/100 mL		TSS (mg/L)		DO (YSI) (mg/L)	
			Top	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot
FB1	9/17/2012	13:12	5.28	5.14	140	NA	2	NA	7.0	11.0	NA	NA
FB1	9/24/2012	13:33	5.95	6.31	280	NA	4	NA	8.0	10.0	NA	NA
FB1	10/1/2012	12:54	5.93	5.82	140	NA	5	NA	12.0	10.0	NA	NA
FB1	11/10/2012	11:54	8.39	8.42	730	NA	102	NA	7.0	8.0	NA	NA
FB1	11/13/2012	13:46	8.53	8.69	39	NA	5	NA	16.0	15.0	NA	NA
FB1	11/19/2012	NA	NA	NA	NA	NA	NS	NA	NA	NA	NA	NA
FB1	12/10/2012	NA	NA	NA	NA	NA	NS	NA	NA	NA	NA	NA
FB1	12/17/2012	15:18	9.17	9.43	92	NA	42	NA	7.0	7.0	NA	NA
FB1	12/26/2012	13:51	9.80	9.66	88	NA	14	NA	5.0	2.0	NA	NA
E6	1/9/2012	13:29	8.78	8.64	32	NA	1	NA	12.00	16.00	NA	NA
E6	2/13/2012	13:25	11.28	11.38	3	NA	2	NA	5.00	9.00	NA	NA
E6	3/5/2012	13:53	14.01	13.93	14	NA	4	NA	7.00	4.00	NA	NA
E6	4/2/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E6	4/3/2012	13:52	11.52	NS	29	NA	2	NA	2.00	NA	NA	NA
E6	5/29/2012	14:32	6.57	NS	11	NA	1	NA	17.0	NA	NA	NA
E6	6/4/2012	14:03	6.60	6.47	100	NA	46	NA	10.0	19.0	NA	NA
E6	6/11/2012	12:04	5.59	5.14	22	NA	1	NA	6.0	16.0	NA	NA
E6	6/18/2012	14:01	8.90	5.57	47	NA	10	NA	4.0	8.0	NA	NA
E6	6/25/2012	13:48	4.50	4.31	122	NA	4	NA	7.0	8.0	NA	NA
E6	7/2/2012	13:59	5.00	4.85	NS	NA	2	NA	9.0	9.0	NA	NA
E6	7/9/2012	13:20	5.03	4.89	254	NA	2	NA	8.0	16.0	NA	NA
E6	7/16/2012	13:43	4.85	4.29	800	NA	20	NA	11.0	9.0	NA	NA
E6	7/23/2012	13:17	4.73	4.39	128	NA	1	NA	9.0	9.0	NA	NA
E6	7/30/2012	13:32	4.03	4.28	176	NA	6	NA	11.0	9.0	NA	NA
E6	8/6/2012	13:13	3.97	3.88	790	NA	60	NA	10.0	7.0	NA	NA
E6	8/13/2012	13:39	5.50	4.06	48	NA	1	NA	3.0	6.0	NA	NA
E6	8/20/2012	13:13	3.35	3.28	42	NA	2	NA	9.0	6.0	NA	NA
E6	8/27/2012	14:08	4.86	4.88	156	NA	47	NA	26.0	11.0	NA	NA
E6	9/4/2012	13:04	3.80	3.89	25	NA	2	NA	15.0	8.0	NA	NA
E6	9/10/2012	13:22	4.83	4.11	300	NA	3	NA	6.0	8.0	NA	NA
E6	9/17/2012	13:23	5.19	5.13	6	NA	2	NA	3.0	5.0	NA	NA
E6	9/24/2012	13:41	6.23	6.49	45	NA	4	NA	11.0	10.0	NA	NA
E6	10/1/2012	13:01	5.51	5.38	50	NA	5	NA	12.0	9.0	NA	NA
E6	11/10/2012	11:43	8.52	8.93	233	NA	32	NA	12.0	6.0	NA	NA
E6	11/13/2012	13:55	8.69	8.51	3	NA	4	NA	8.0	9.0	NA	NA
E6	11/19/2012	12:12	8.41	8.46	5	NA	1	NA	15.0	14.0	NA	NA
E6	12/3/2012	9:57	NA	NA	2	NA	1	NA	8.0	NA	9.08	NA
E6	12/10/2012	13:26	8.67	8.73	2000	NA	800	NA	3.0	4.0	NA	NA
E6	12/17/2012	15:09	9.07	9.54	22	NA	16	NA	15.0	10.0	NA	NA
E6	12/26/2012	14:00	9.55	9.76	15	NA	4	NA	7.0	9.0	NA	NA

APPENDIX F

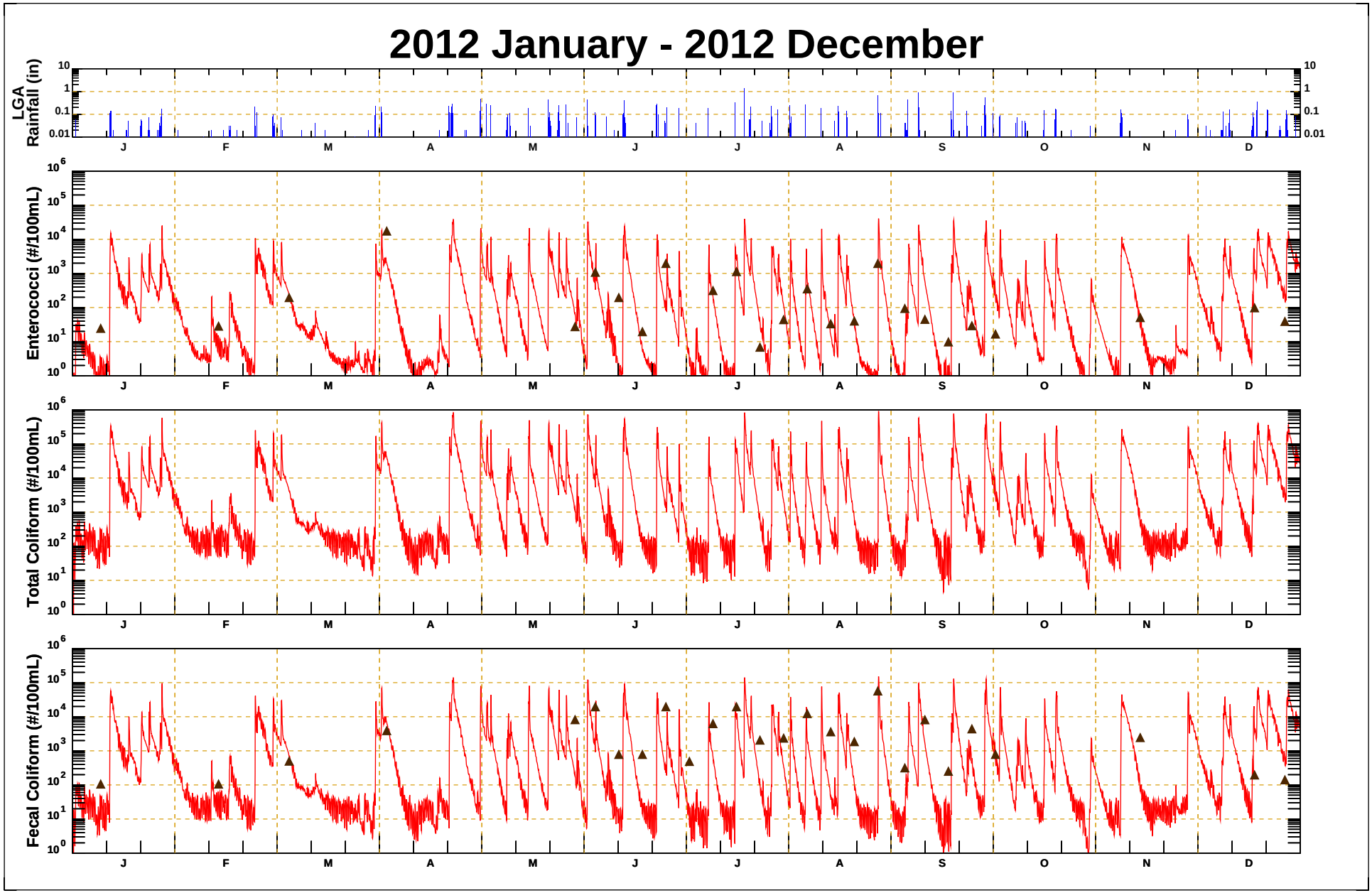
FLUSHING CREEK-FLUSHING BAY MODEL ASSESSMENT COMPARISON OF MODEL RESULTS WITH PATHOGEN MONITORING DATA, 2012



2012, Flushing Creek FLC1, Cell (48,03)
(Flushing Creek with Tank)

▲ ▼ 2012 NYCDEP Harbor Survey Data
Surface Layer

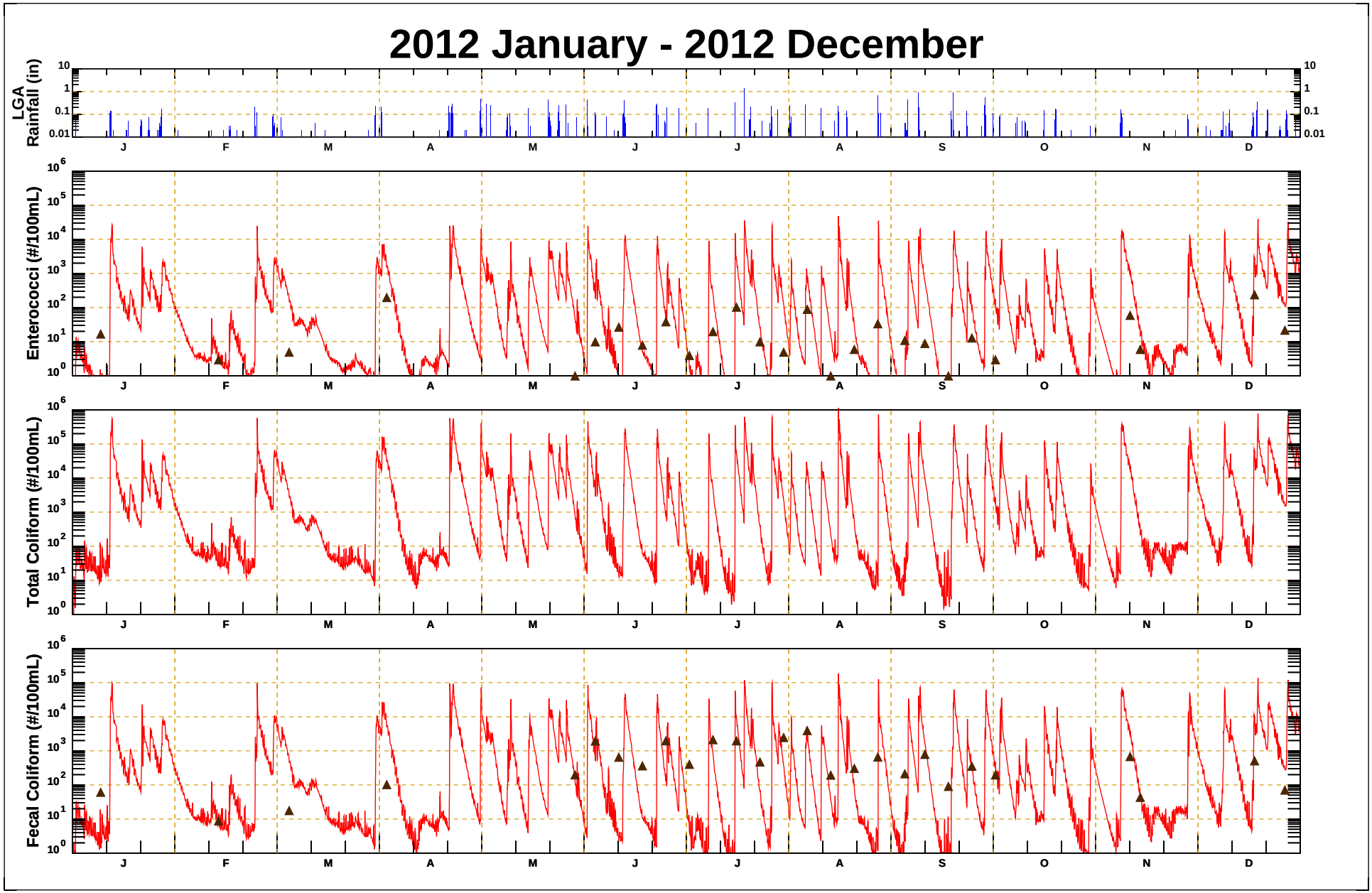
DATE: 7/01/2013 TIME: 13:53: 5



2012, Flushing Creek FLC2, Cell (42,04)
(Flushing Creek with Tank)

▲ ▼ 2012 NYCDEP Harbor Survey Data
Surface Layer

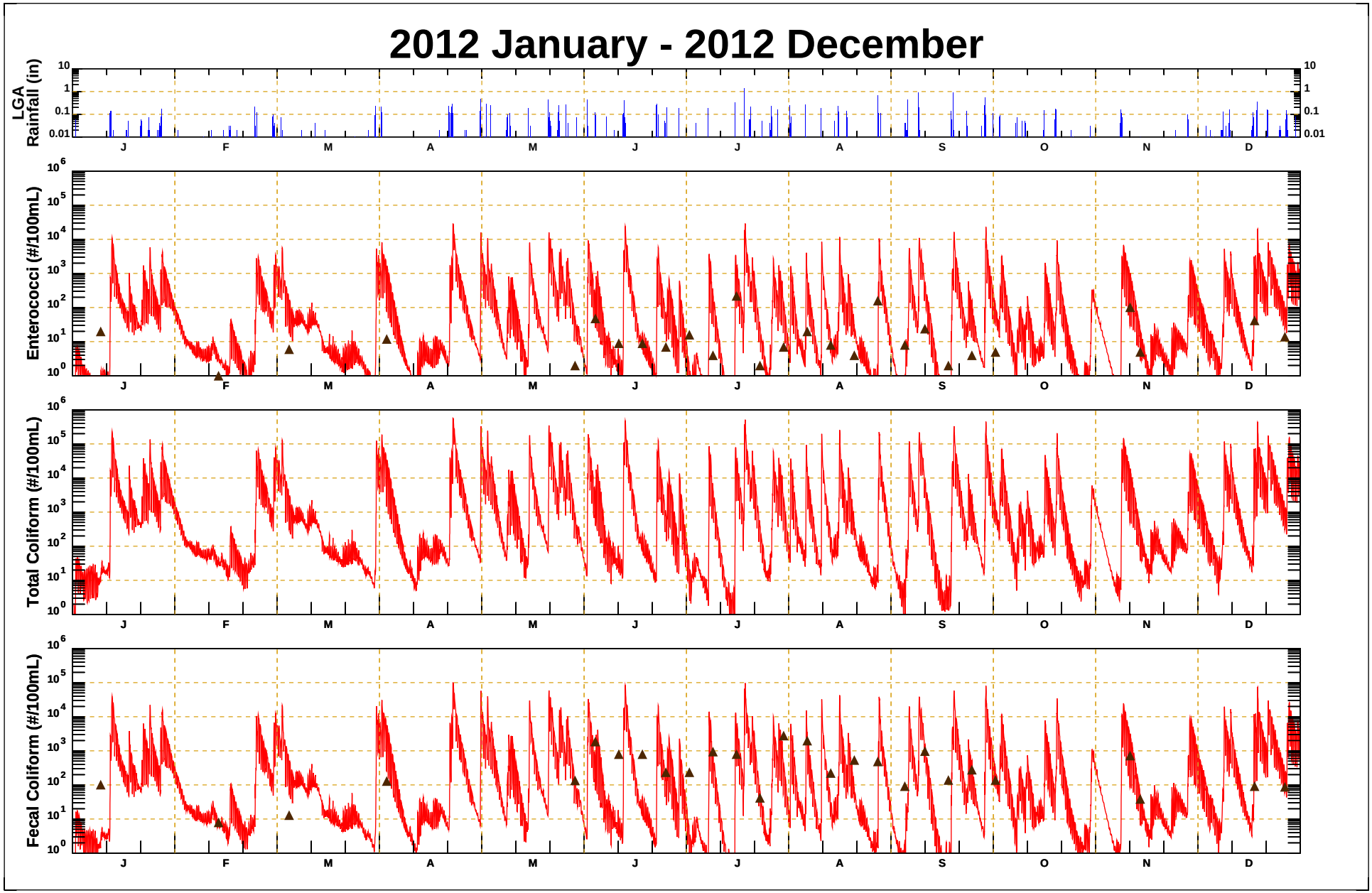
DATE: 7/01/2013 TIME: 13:53:16



2012, Flushing Bay E15, Cell (37,04)
(Flushing Creek with Tank)

▲ ▼ 2012 NYCDEP Harbor Survey Data
Surface Layer

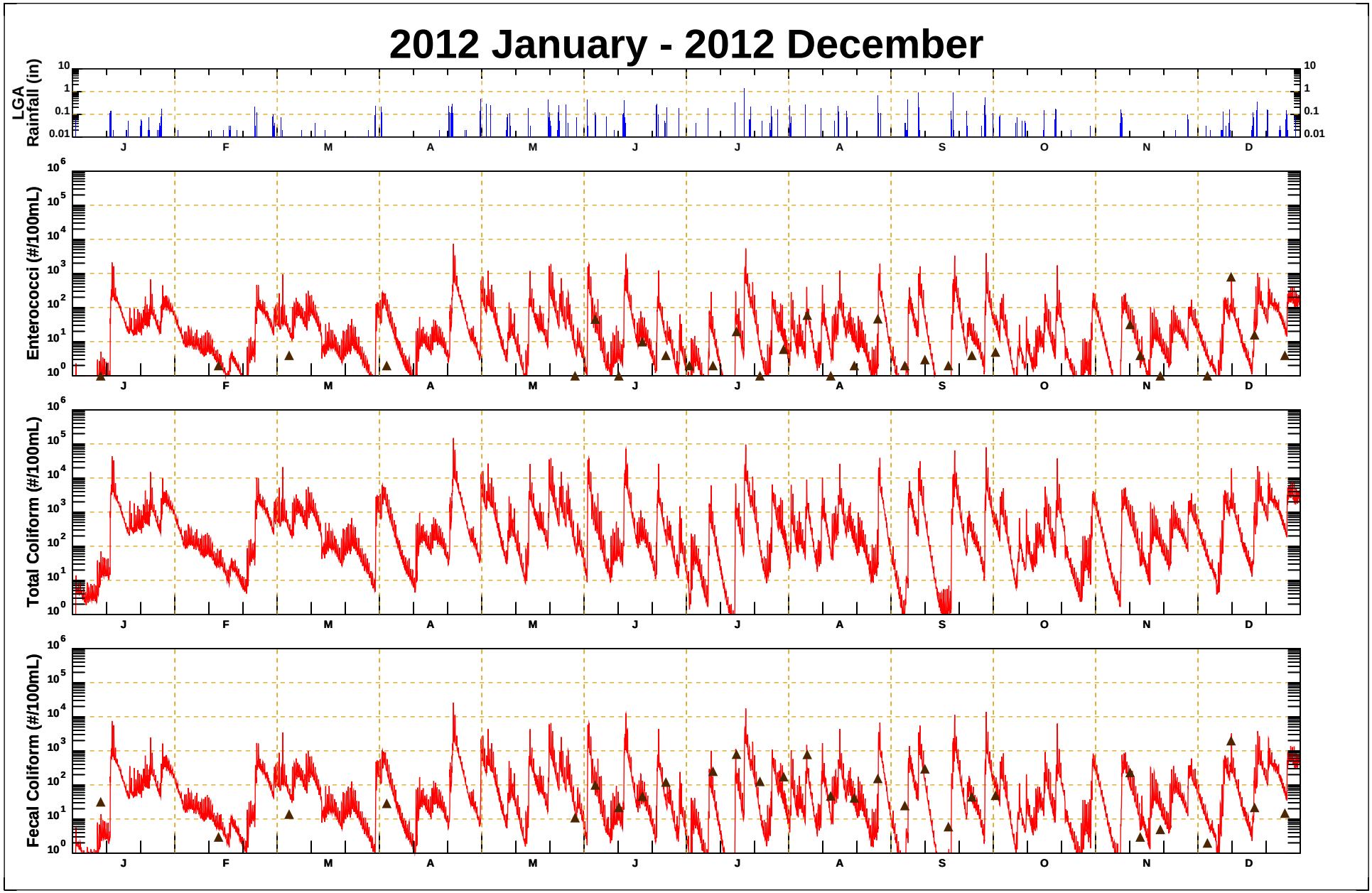
DATE: 7/01/2013 TIME: 13:53:23



2012, Flushing Bay FB1, Cell (38,13)
(Flushing Creek with Tank)

▲ ▼ 2012 NYCDEP Harbor Survey Data
Surface Layer

DATE: 7/01/2013 TIME: 13:53:29



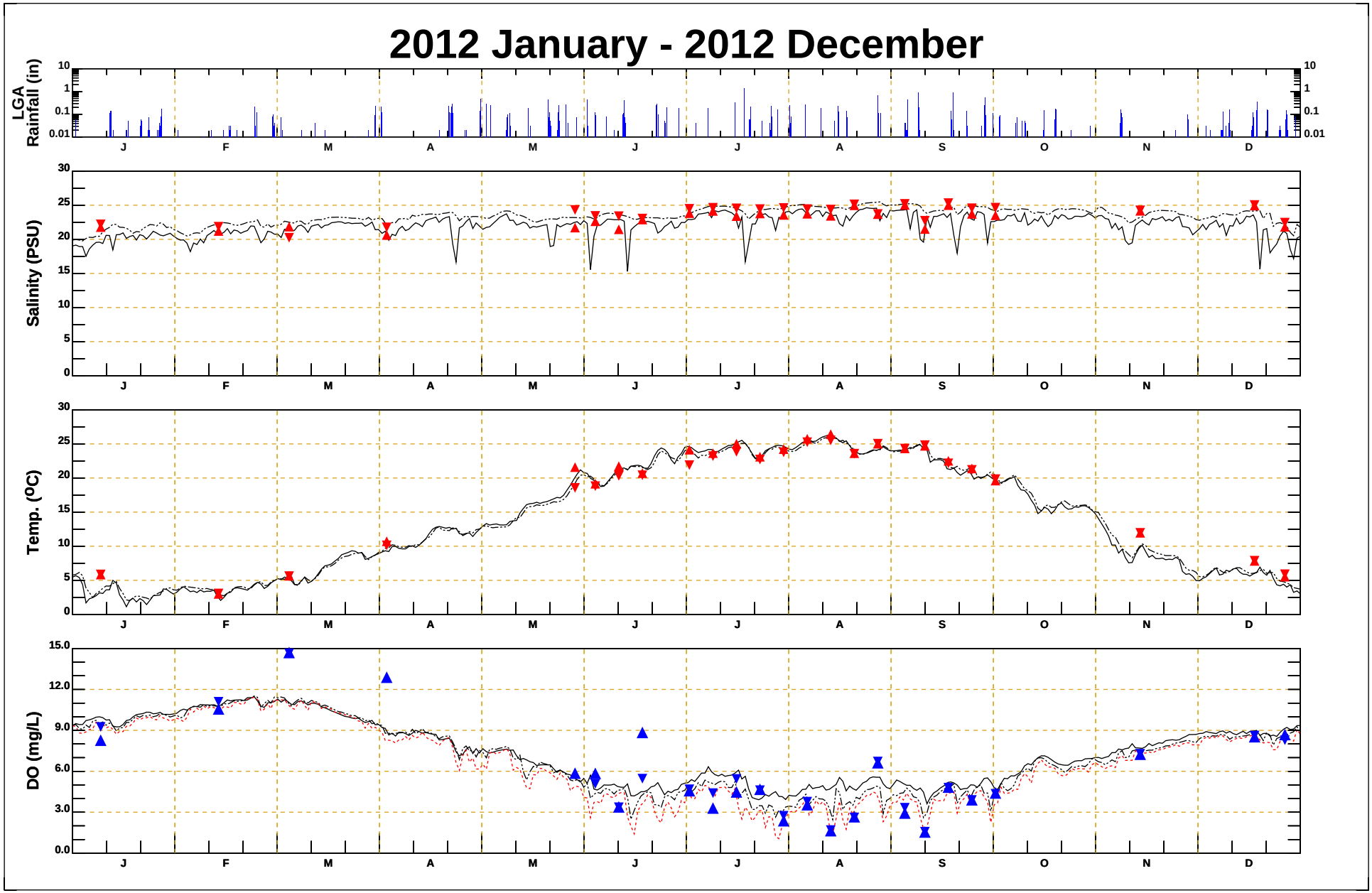
2012, Flushing Bay E6, Cell (37,25)
(Flushing Creek with Tank)

▲ ▼ 2012 NYCDEP Harbor Survey Data
Surface Layer

DATE: 7/01/2013 TIME: 13:53:42

APPENDIX G

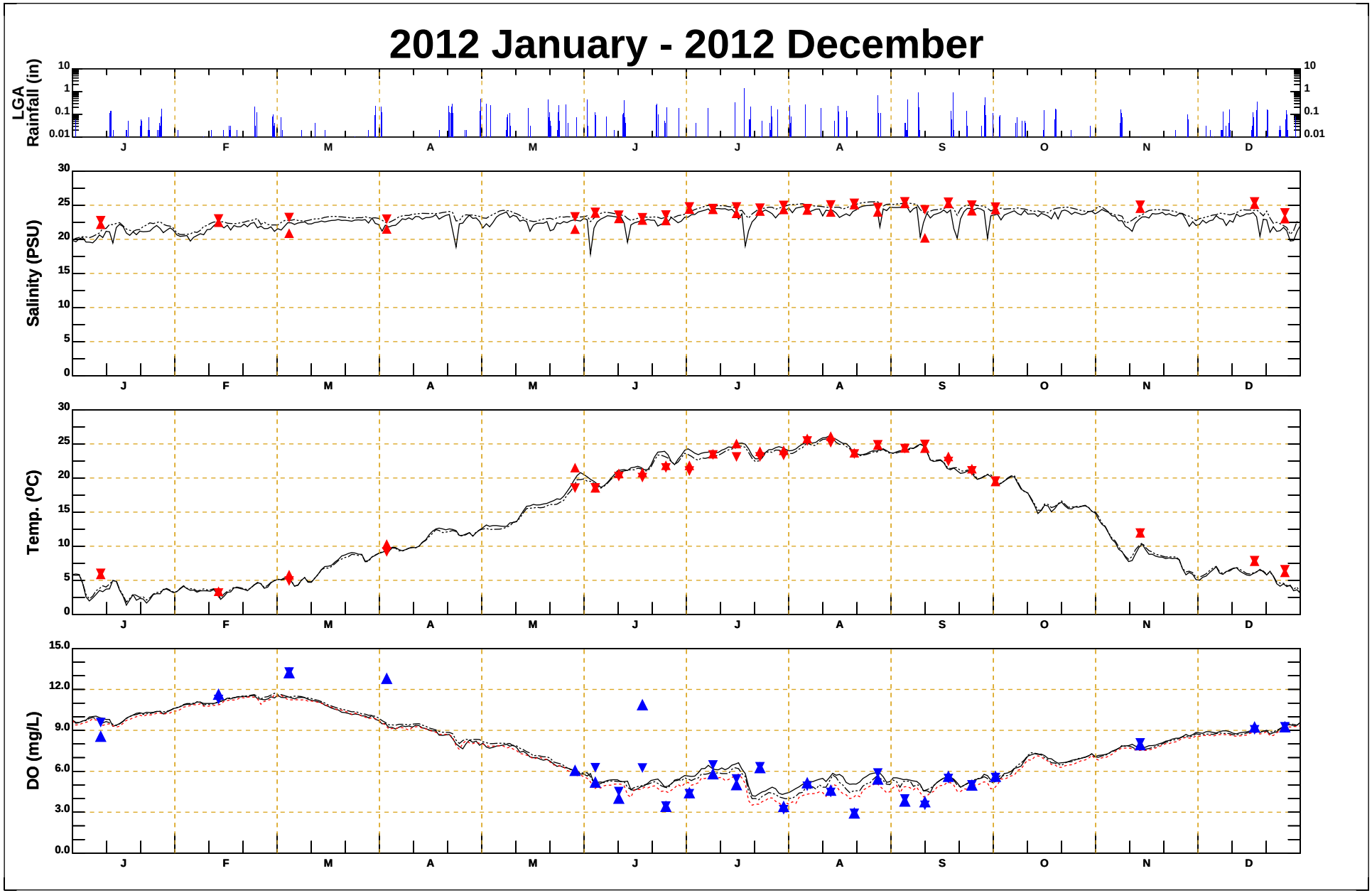
FLUSHING CREEK – FLUSHING BAY MODEL ASSESSMENT COMPARISON OF MODEL RESULTS WITH DISSOLVED OXYGEN MONITORING DATA, 2012



2012, Flushing Creek, Station FLC1, Cell (48,03)
(Flushing Creek with Tank)

▲ ▼ 2012 HS Winkler Data
▲ ▼ 2012 NYCDEP HS YSI Field Data
_____ Surface Average
_ _ _ Bottom Average
..... Bottom Minimum

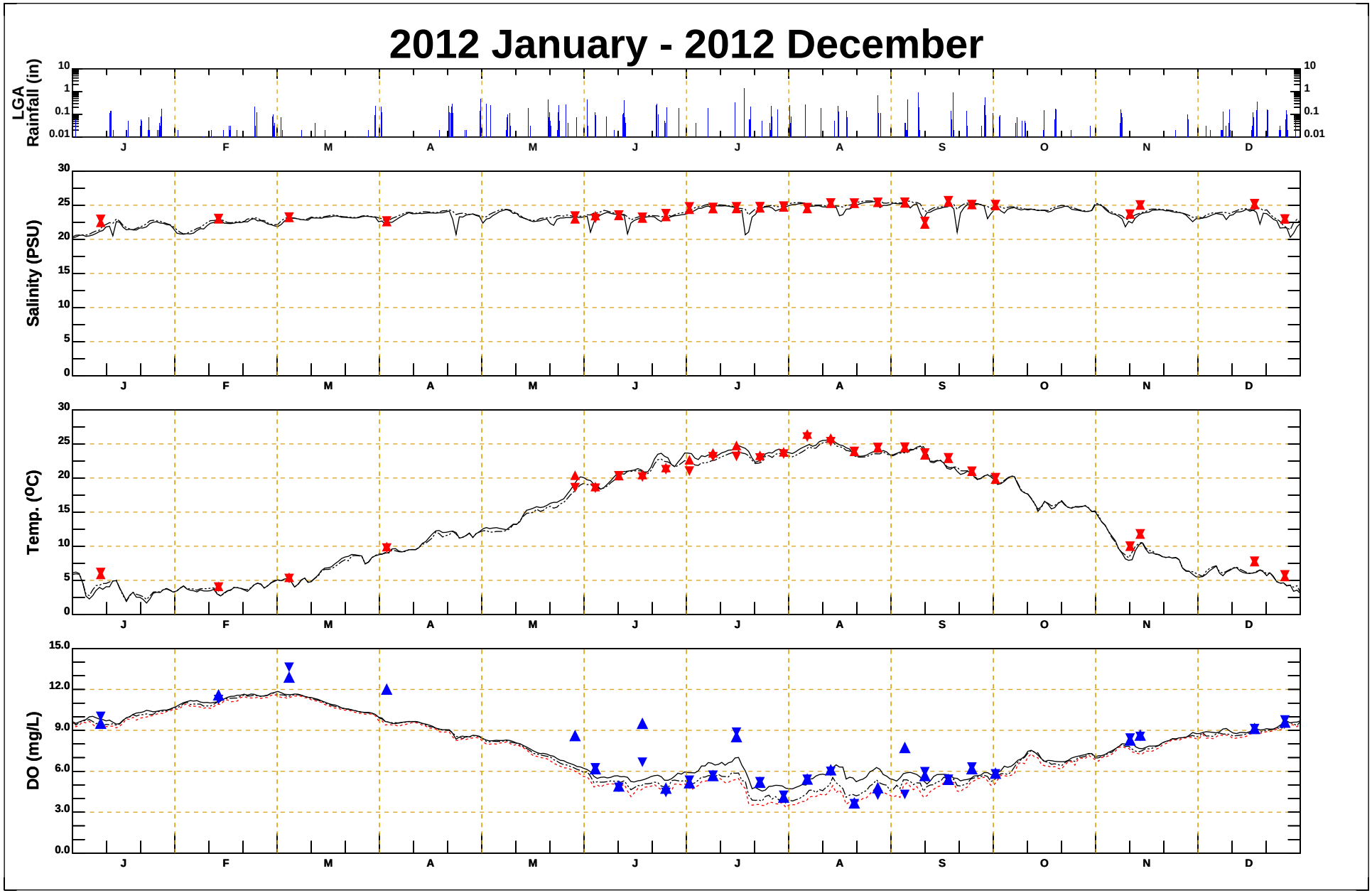
DATE: 7/02/2013 TIME: 14:20:25



2012, Flushing Creek, Station FLC2, Cell (42,04)
(Flushing Creek with Tank)

▲ ▼ 2012 HS Winkler Data
▲ ▼ 2012 NYCDEP HS YSI Field Data
_____ Surface Average
_ _ _ Bottom Average
..... Bottom Minimum

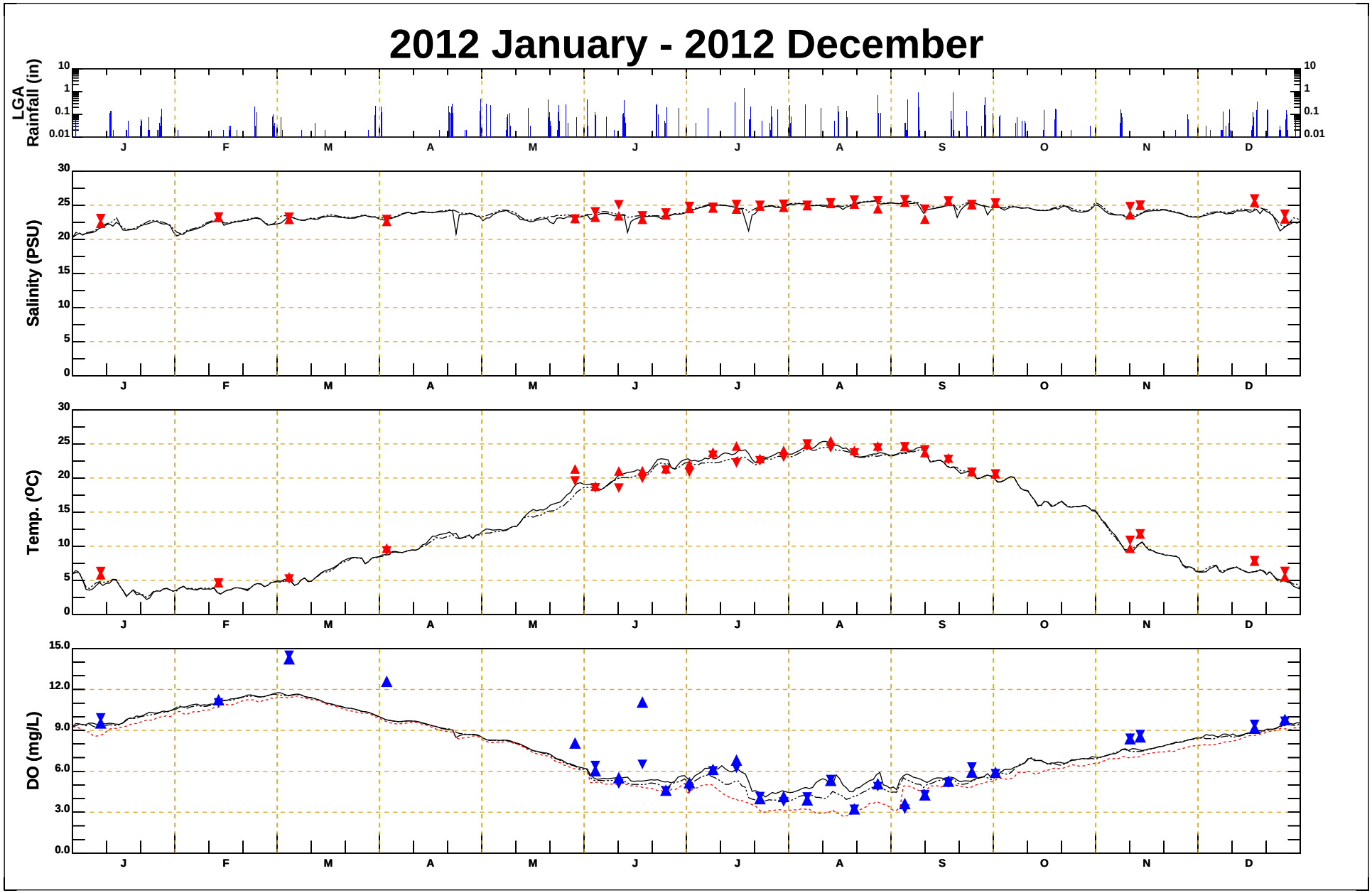
DATE: 7/02/2013 TIME: 14:20:33



2012, Flushing Bay, Station E15, Cell (37,04)
(Flushing Creek with Tank)

- 2012 HS Winkler Data
- 2012 NYCDEP HS YSI Field Data
- Surface Average
- Bottom Average
- Bottom Minimum

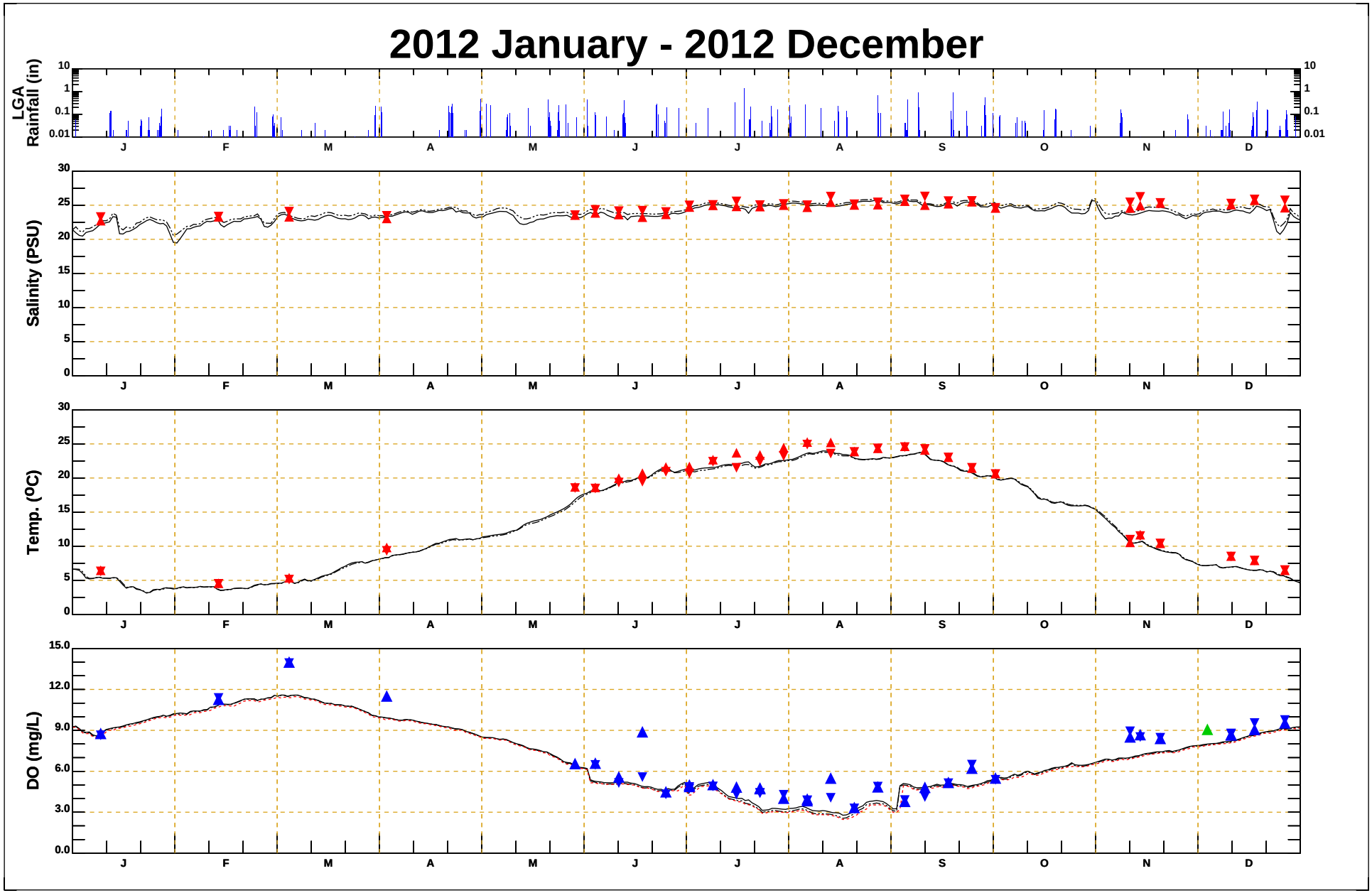
DATE: 7/02/2013 TIME: 14:20:42



2012, Flushing Bay, Station FB1, Cell (38,13)
(Flushing Creek with Tank)

- 2012 HS Winkler Data
- 2012 NYCDEP HS YSI Field Data
- Surface Average
- Bottom Average
- Bottom Minimum

DATE: 7/02/2013 TIME: 14:20:49



2012, Flushing Bay, Station E6, Cell (37,25)
(Flushing Creek with Tank)

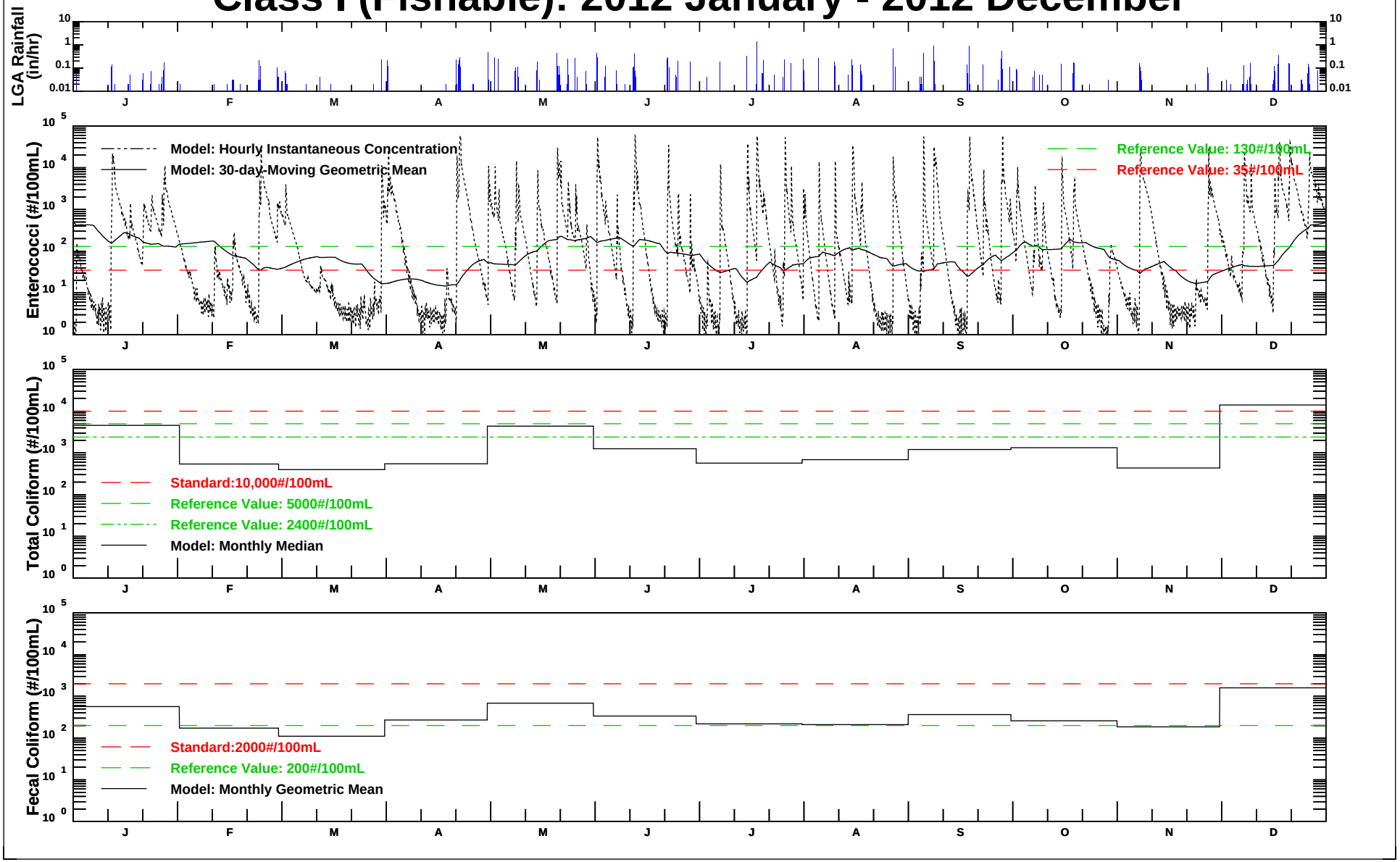
- 2012 HS Winkler Data
- 2012 NYCDEP HS YSI Field Data
- Surface Average
- Bottom Average
- Bottom Minimum

DATE: 7/02/2013 TIME: 14:20:58

APPENDIX H

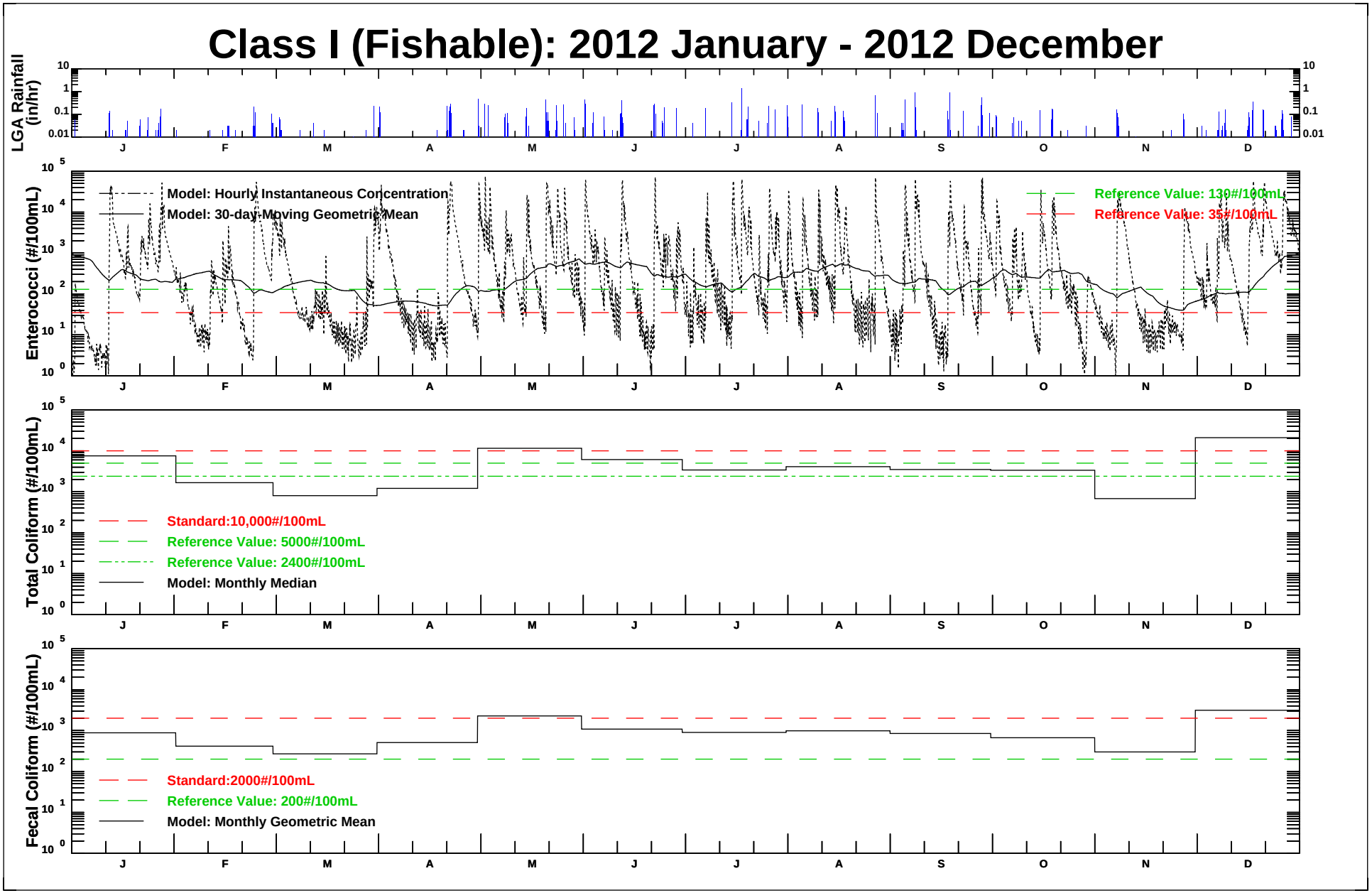
FLUSHING CREEK – FLUSHING BAY PATHOGEN ASSESSMENT COMPARISON OF CALCULATED MONTHLY GEOMETRIC MEAN BACTERIA CONCENTRATIONS WITH AND WITHOUT THE CSO RETENTION FACILITY, 2012 CONDITIONS

Class I (Fishable): 2012 January - 2012 December



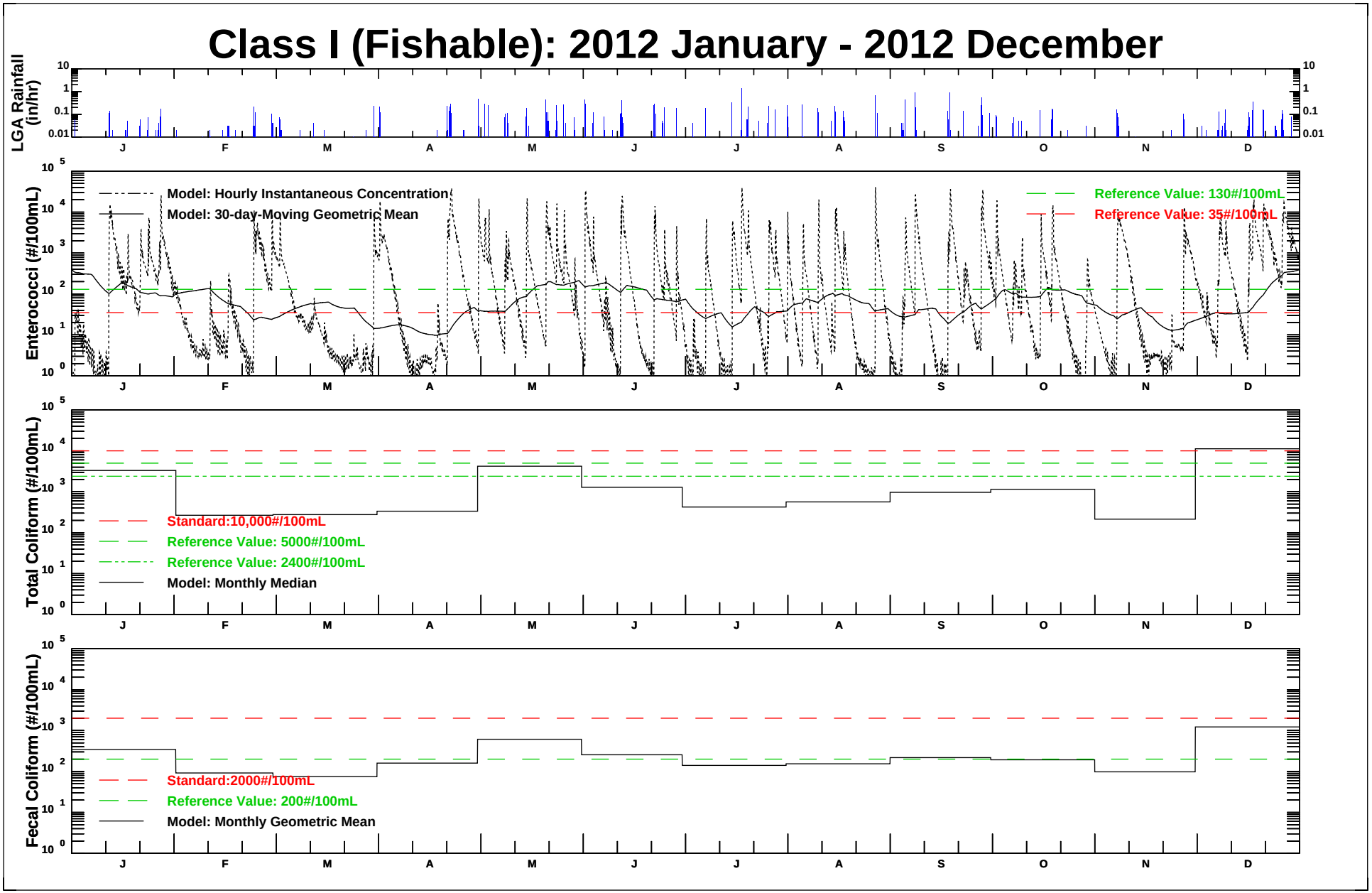
2012, Flushing Creek Station FLC1 , Cell (48,03)
(Flushing Creek with Tank)

DATE: 7/03/2013 TIME: 16:48: 6



2012, Flushing Creek Station FLC1 , Cell (48,03)
(Flushing Creek without Tank)

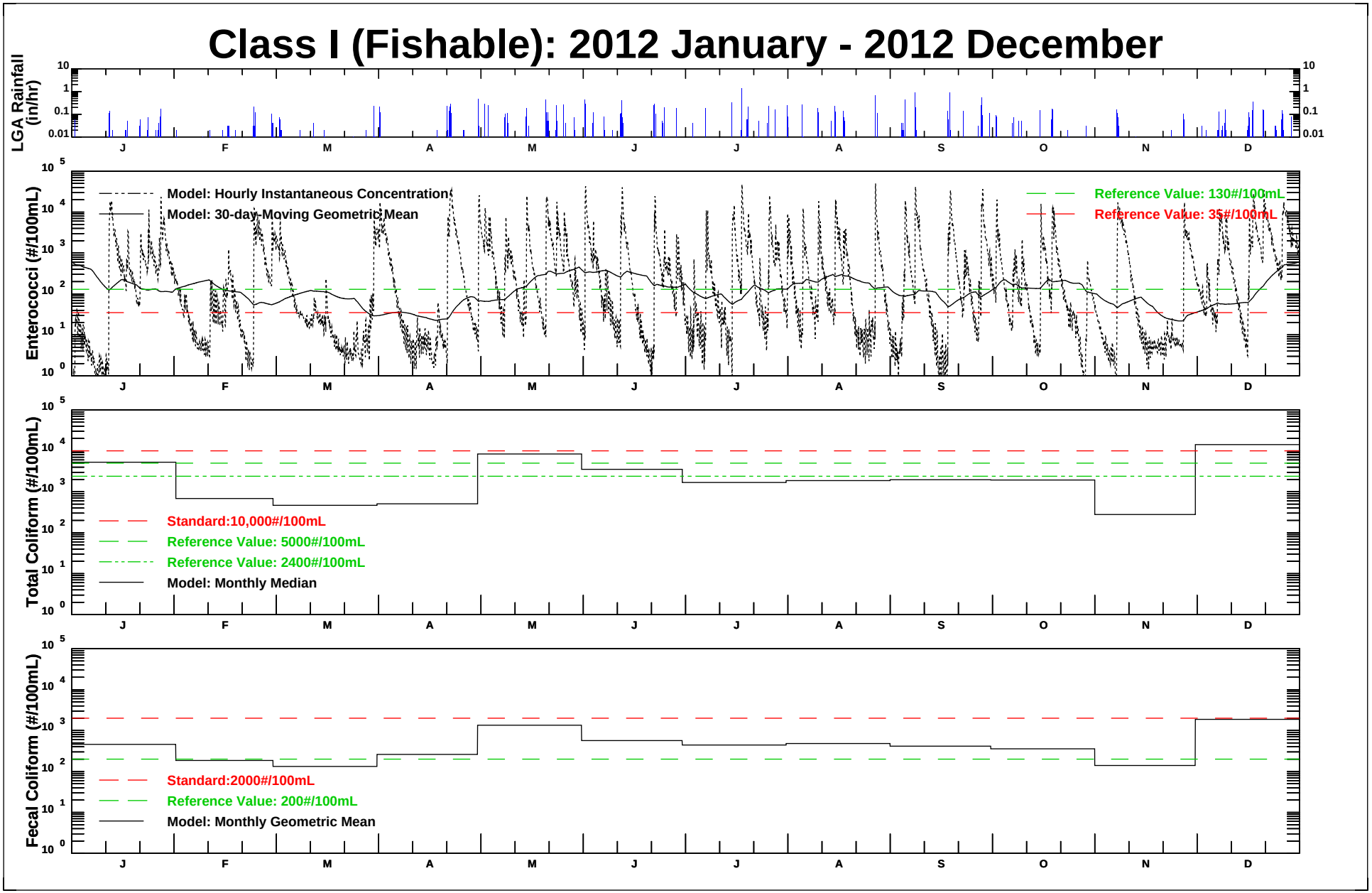
DATE: 7/03/2013 TIME: 16:50: 0



2012, Flushing Creek Station FLC2 , Cell (42,04)
(Flushing Creek with Tank)

DATE: 7/03/2013 TIME: 16:48: 9

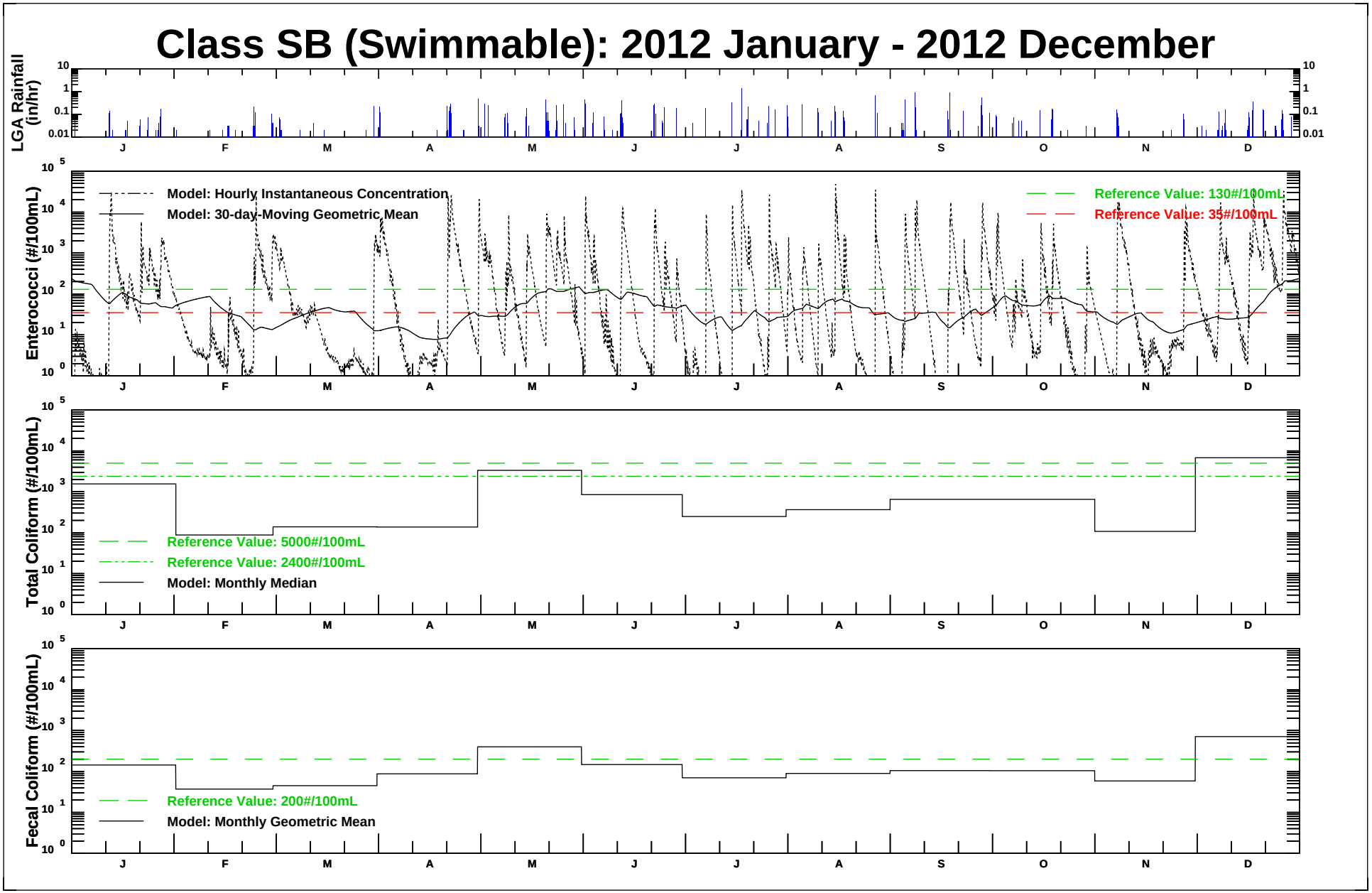
Class I (Fishable): 2012 January - 2012 December



2012, Flushing Creek Station FLC2 , Cell (42,04)
(Flushing Creek without Tank)

DATE: 7/03/2013 TIME: 16:50: 3

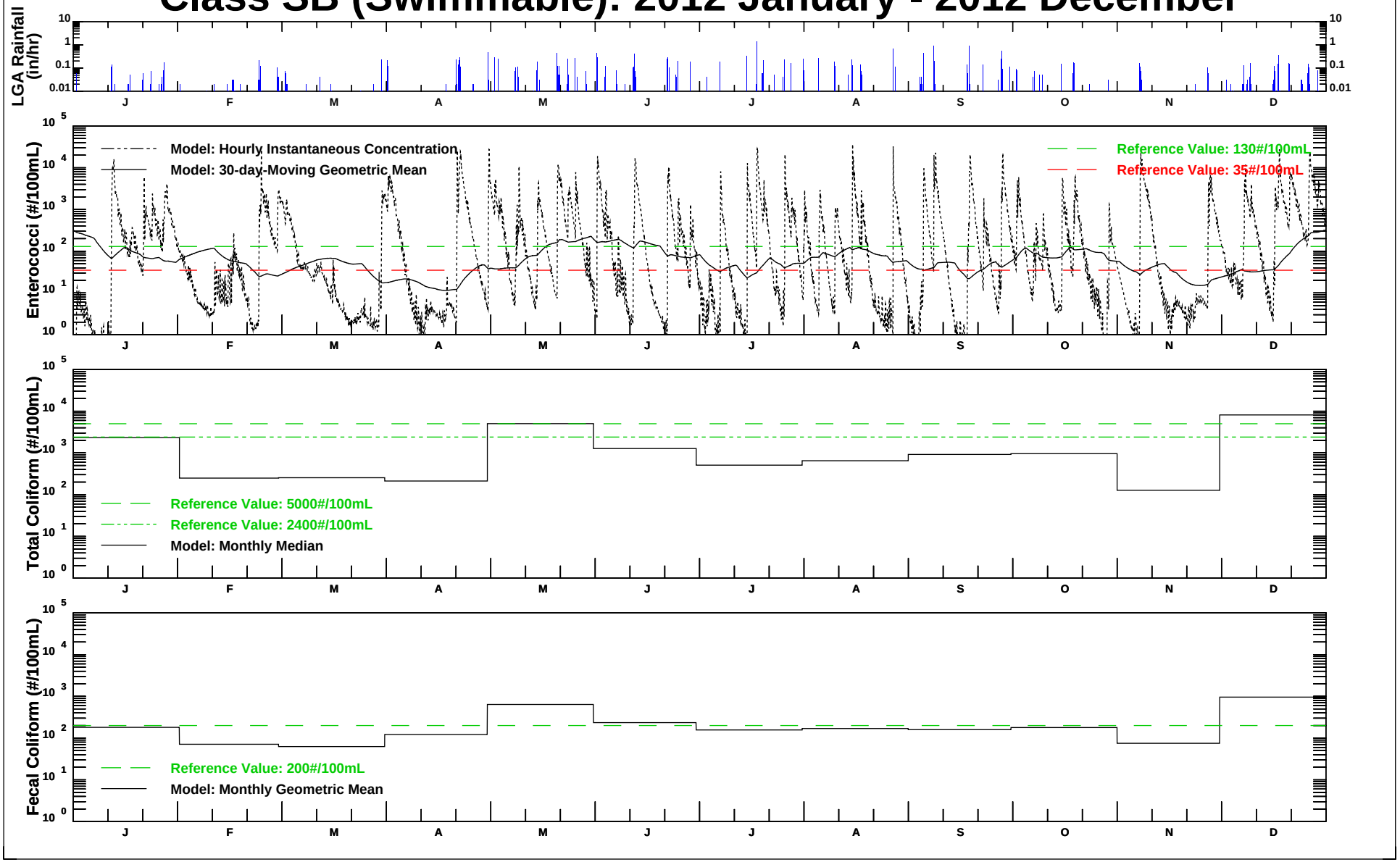
Class SB (Swimmable): 2012 January - 2012 December



2012, Flushing Creek E15 , Cell (37,04)
(Flushing Creek with Tank)

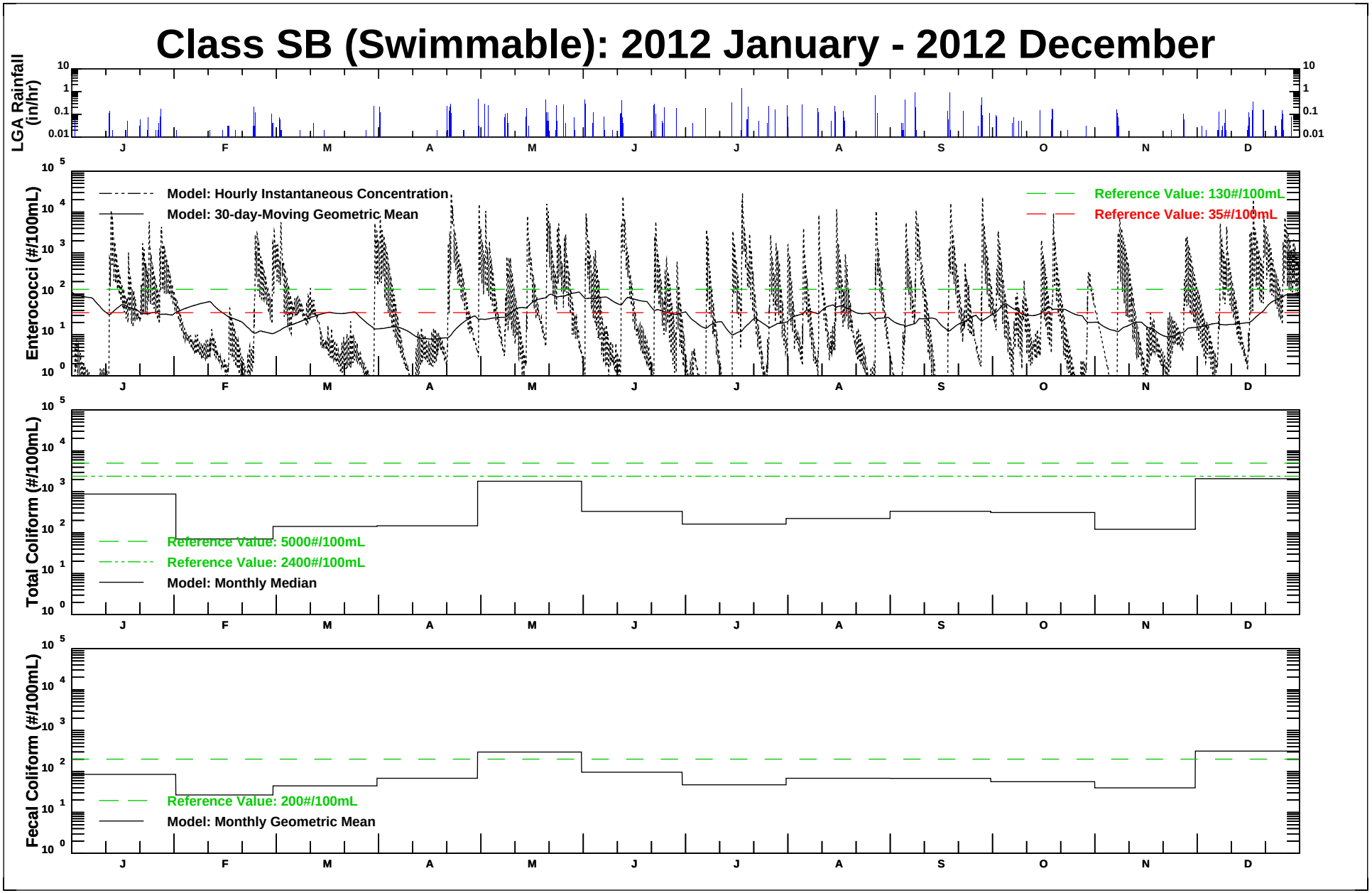
DATE: 7/03/2013 TIME: 16:48:20

Class SB (Swimmable): 2012 January - 2012 December



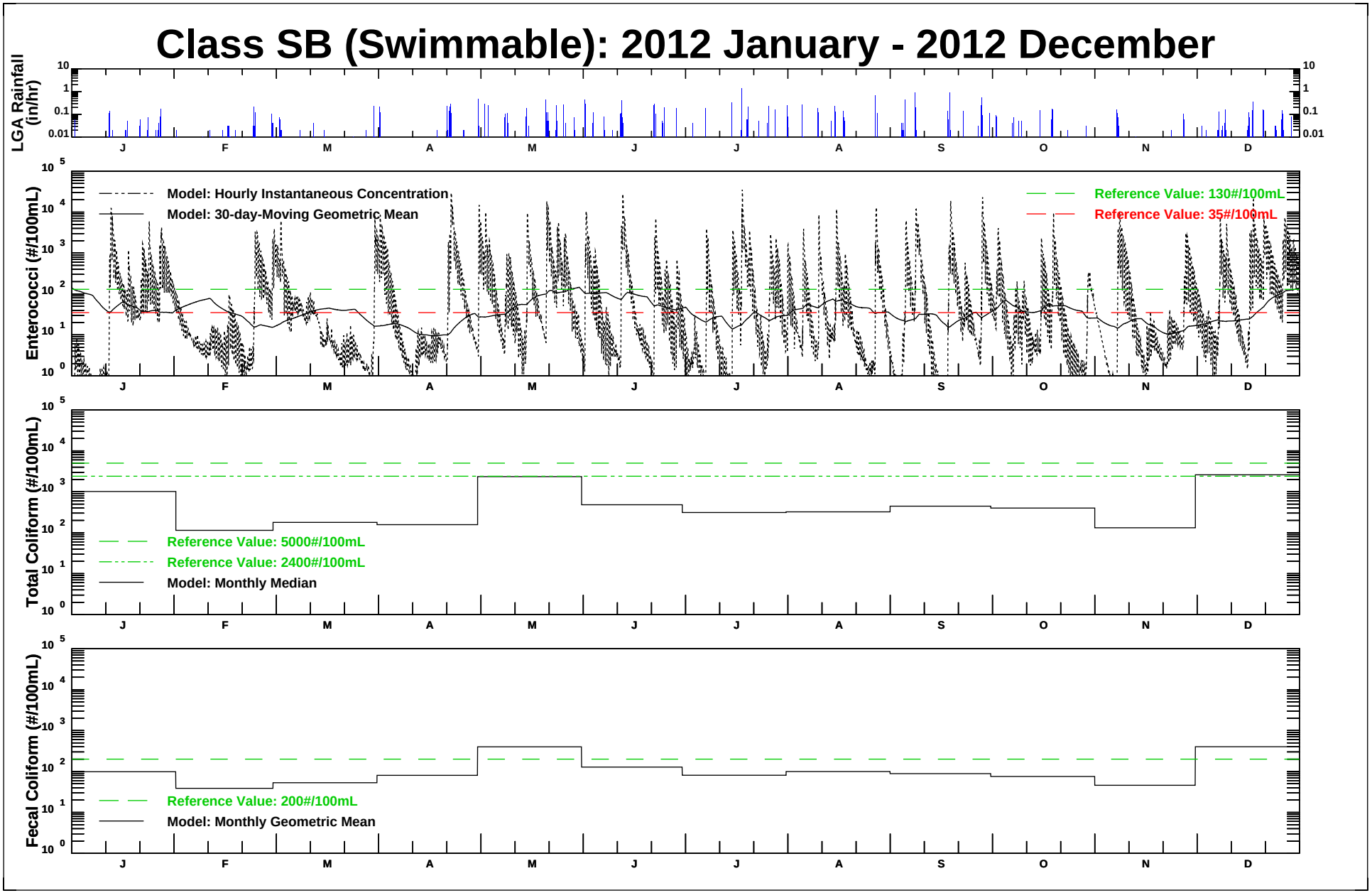
2012, Flushing Creek E15 , Cell (37,04)
(Flushing Creek without Tank)

DATE: 7/03/2013 TIME: 16:50:14



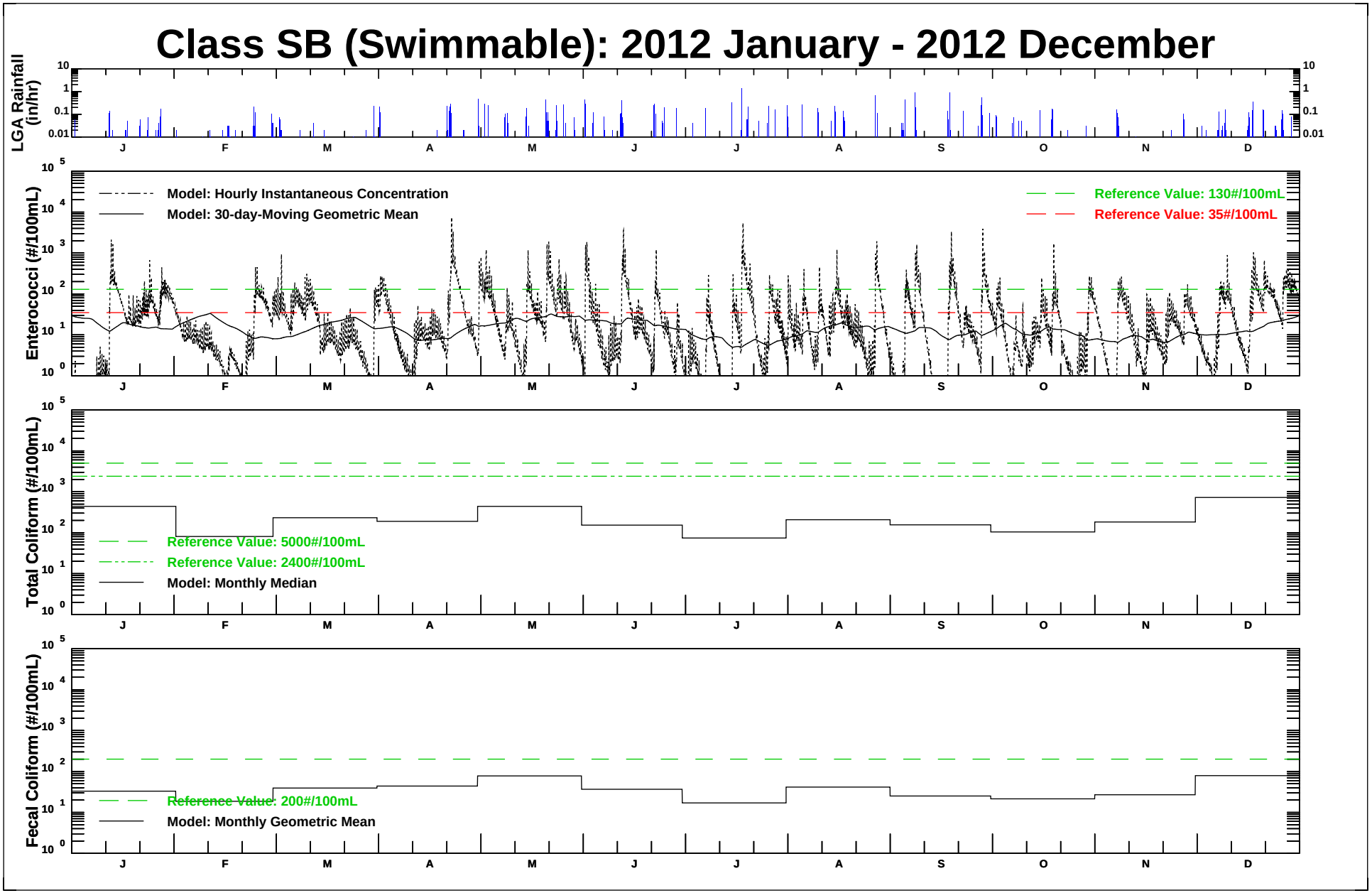
2012, Flushing Creek Station FB1 , Cell (38,13)
(Flushing Creek with Tank)

DATE: 7/03/2013 TIME: 16:48:18



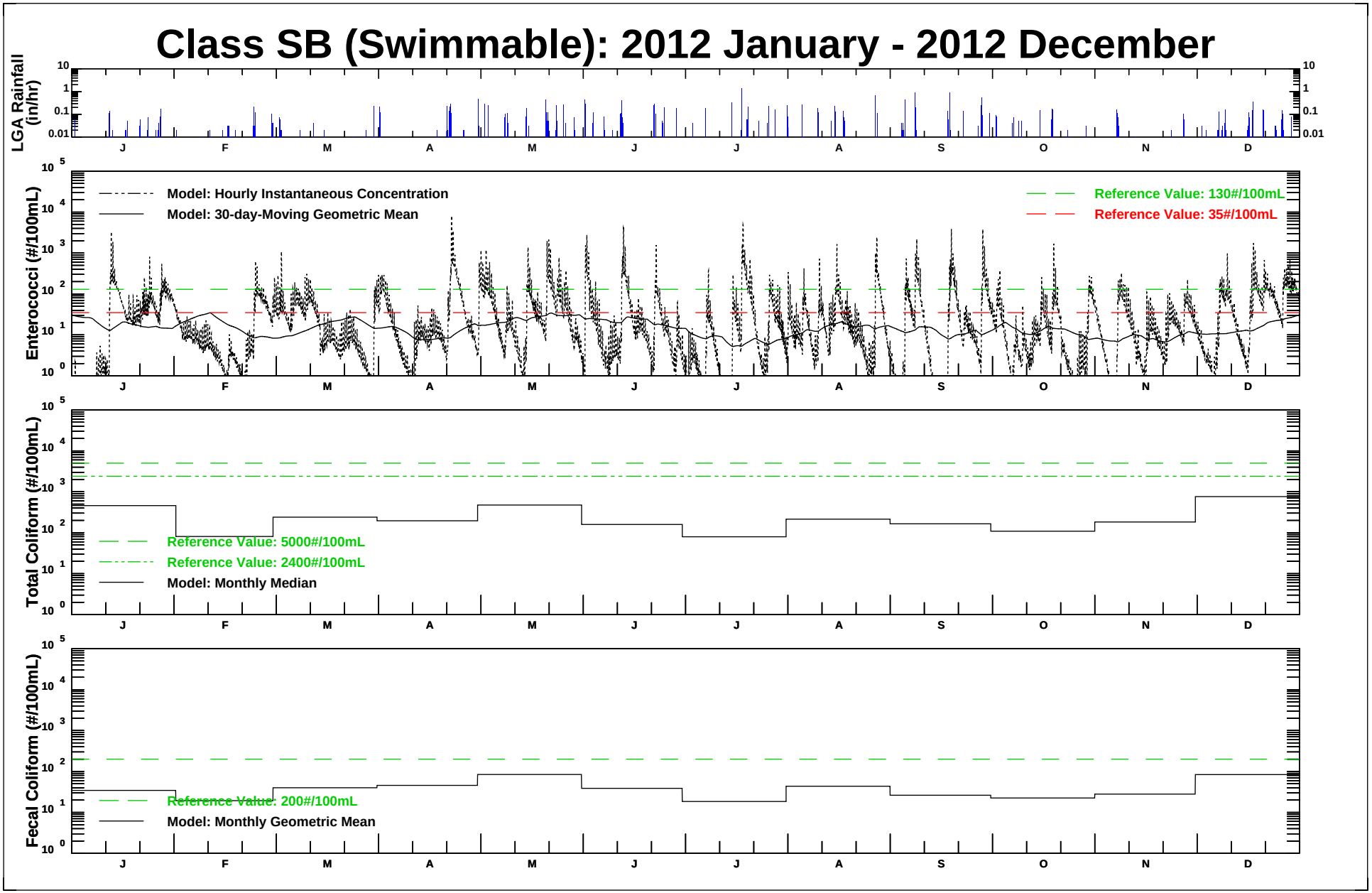
2012, Flushing Creek Station FB1 , Cell (38,13)
(Flushing Creek without Tank)

DATE: 7/03/2013 TIME: 16:50:11



2012, Flushing Creek Station E6 , Cell (37,25)
(Flushing Creek with Tank)

DATE: 7/03/2013 TIME: 16:48:15



2012, Flushing Creek Station E6 , Cell (37,25)
(Flushing Creek without Tank)

DATE: 7/03/2013 TIME: 16:50: 8

APPENDIX I

ALLEY CREEK TANK POST-CONSTRUCTION COMPLIANCE MONITORING RESULTS, 2012

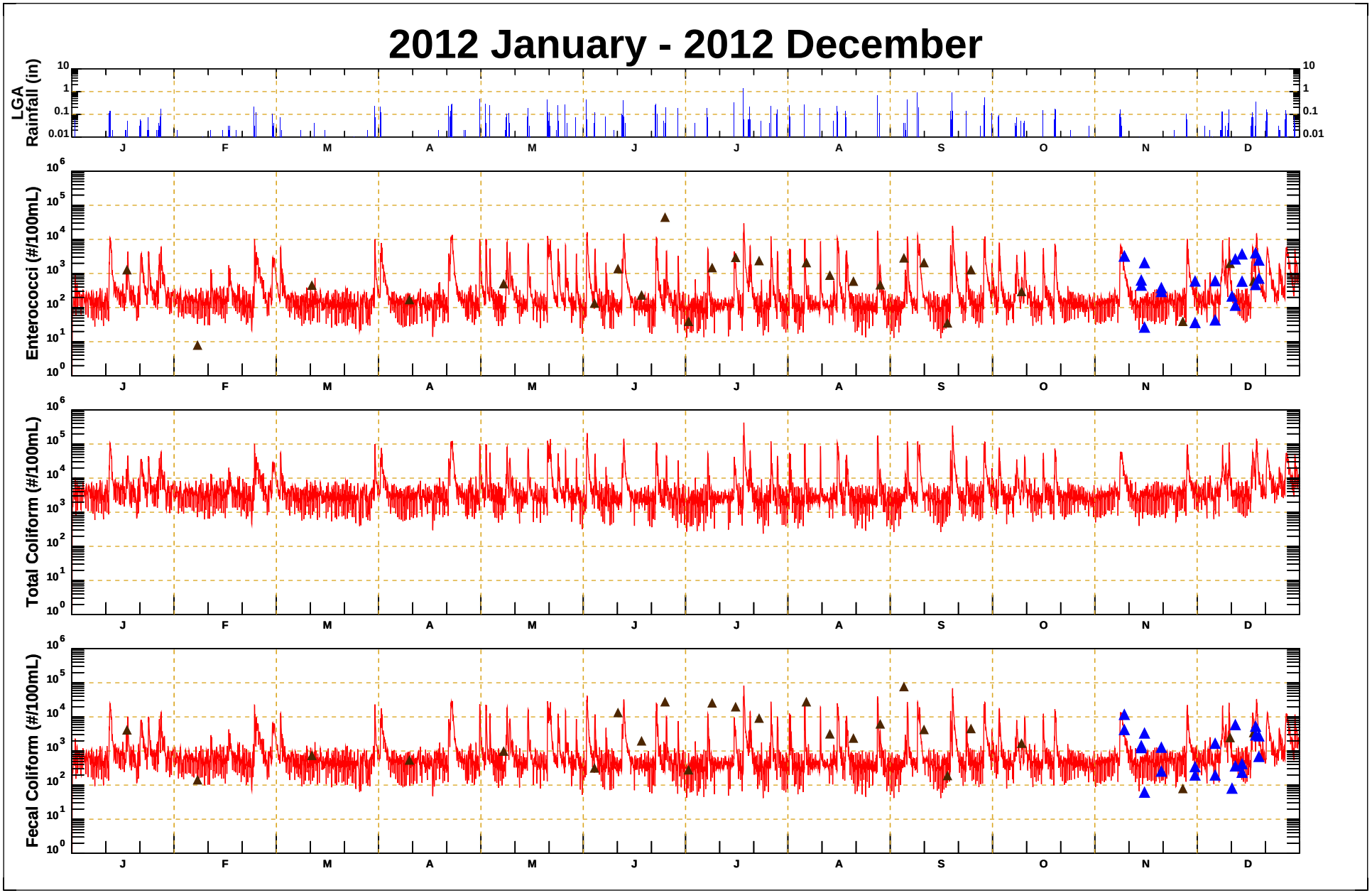
Site	Date	Hr:Mn	O_2 (Wnklr) (mg/L)		Fecal #/100 mL		Entero #/100 mL		TSS (mg/L)		DO (YSI) (mg/L)	
			Top	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot
AC1	1/17/2012	10:42	NA	NA	4200	NA	1300	NA	82.00	NA	10.55	NA
AC1	2/7/2012	10:26	NA	NA	144	NA	8	NA	12.00	NA	10.76	NA
AC1	3/12/2012	9:36	NA	NA	750	NA	460	NA	536.00	NA	11.42	NA
AC1	4/10/2012	10:14	NA	NA	550	NA	174	NA	106.00	NA	10.38	NA
AC1	5/8/2012	10:05	NA	NA	1000	NA	510	NA	61.00	NA	9.79	NA
AC1	6/4/2012	10:18	NA	NA	320	NA	136	NA	22.00	NA	8.86	NA
AC1	6/11/2012	10:21	NA	NA	13500	NA	1400	NA	24.00	NA	8.07	NA
AC1	6/18/2012	11:04	NA	NA	2000	NA	236	NA	4.00	NA	6.66	NA
AC1	6/25/2012	10:15	NA	NA	28000	NA	45000	NA	535.00	NA	7.69	NA
AC1	7/2/2012	10:04	NA	NA	284	NA	40	NA	9.00	NA	5.50	NA
AC1	7/9/2012	10:23	NA	NA	26000	NA	1500	NA	94.00	NA	8.22	NA
AC1	7/16/2012	9:56	NA	NA	20000	NA	3000	NA	18.00	NA	3.35	NA
AC1	7/23/2012	10:24	NA	NA	9300	NA	2400	NA	75.00	NA	8.67	NA
AC1	8/6/2012	10:15	NA	NA	28000	NA	2100	NA	104.00	NA	8.50	NA
AC1	8/13/2012	10:20	NA	NA	3200	NA	900	NA	6.00	NA	5.98	NA
AC1	8/20/2012	10:41	NA	NA	2400	NA	600	NA	47.00	NA	4.32	NA
AC1	8/28/2012	9:52	NA	NA	6300	NA	470	NA	9.00	NA	1.51	NA
AC1	9/4/2012	10:19	NA	NA	78000	NA	2900	NA	60.00	NA	7.40	NA
AC1	9/10/2012	10:33	NA	NA	4300	NA	2100	NA	31.00	NA	2.65	NA
AC1	9/17/2012	10:30	NA	NA	192	NA	36	NA	50.00	NA	3.88	NA
AC1	9/24/2012	9:52	NA	NA	4600	NA	1300	NA	15.00	NA	3.76	NA
AC1	10/9/2012	10:28	NA	NA	1700	NA	300	NA	47.00	NA	3.53	NA
AC1	11/26/2012	9:45	NA	NA	80	NA	40	NA	20.00	NA	9.27	NA
AC1	12/10/2012	10:15	NA	NA	2500	NA	2000	NA	27.00	NA	8.71	NA
AC1	12/17/2012	10:13	NA	NA	3500	NA	600	NA	42.00	NA	10.53	NA
LN1	1/9/2012	12:44	10.60	NA	113	NA	6	NA	16.00	NA	NA	NA
LN1	2/13/2012	NS	NS	NA	NS	NA	NS	NA	NS	NA	NA	NA
LN1	3/5/2012	12:10	15.90	NA	30	NA	8	NA	12.00	NA	NA	NA
LN1	4/2/2012	12:20	11.67	NA	11	NA	24	NA	51.00	NA	NA	NA
LN1	5/29/2012	12:39	10.32	NA	11	NA	1	NA	8.00	NA	NA	NA
LN1	6/4/2012	13:18	9.68	NA	52	NA	6	NA	13.00	NA	NA	NA
LN1	6/11/2012	11:17	12.28	NA	85	NA	13	NA	16.00	NA	NA	NA
LN1	6/18/2012	12:30	15.39	NA	23	NA	3	NA	16.00	NA	NA	NA
LN1	6/25/2012	12:06	5.36	NA	160	NA	10	NA	9.00	NA	NA	NA
LN1	7/2/2012	12:35	10.89	NA	14	NA	1	NA	8.00	NA	NA	NA
LN1	7/9/2012	11:42	11.67	NA	21	NA	2	NA	10.00	NA	NA	NA
LN1	7/16/2012	12:07	9.49	NA	26	NA	2	NA	8.00	NA	NA	NA
LN1	7/23/2012	11:52	6.61	NA	102	NA	11	NA	10.00	NA	NA	NA
LN1	7/30/2012	11:54	7.94	NA	160	NA	7	NA	8.00	NA	NA	NA
LN1	8/6/2012	11:35	8.30	NA	20	NA	4	NA	14.00	NA	NA	NA
LN1	8/13/2012	12:52	14.33	NA	7	NA	2	NA	9.00	NA	NA	NA
LN1	8/20/2012	11:36	4.64	NA	44	NA	1	NA	10.00	NA	NA	NA
LN1	8/27/2012	12:22	6.44	NA	268	NA	3	NA	55.00	NA	NA	NA
LN1	9/4/2012	11:28	4.32	NA	164	NA	8	NA	8.00	NA	NA	NA
LN1	9/10/2012	11:52	7.51	NA	152	NA	4	NA	43.00	NA	NA	NA
LN1	9/17/2012	11:47	7.68	NA	34	NA	4	NA	17.00	NA	NA	NA
LN1	9/24/2012	12:10	7.84	NA	23	NA	9	NA	67.00	NA	NA	NA
LN1	10/1/2012	11:30	6.33	NA	35	NA	8	NA	23.00	NA	NA	NA
LN1	11/10/2012	11:01	9.99	NA	106	NA	40	NA	18.00	NA	NA	NA
LN1	11/13/2012	12:28	9.21	NA	10	NA	1	NA	9.00	NA	NA	NA
LN1	11/19/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Site	Date	Hr:Mn	O_2 (Wnklr) (mg/L)		Fecal #/100 mL		Entero #/100 mL		TSS (mg/L)		DO (YSI) (mg/L)	
			Top	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot
LN1	7/16/2012	12:07	9.49	NA	26	NA	2	NA	8.00	NA	NA	NA
LN1	7/23/2012	11:52	6.61	NA	102	NA	11	NA	10.00	NA	NA	NA
LN1	7/30/2012	11:54	7.94	NA	160	NA	7	NA	8.00	NA	NA	NA
LN1	8/6/2012	11:35	8.30	NA	20	NA	4	NA	14.00	NA	NA	NA
LN1	8/13/2012	12:52	14.33	NA	7	NA	2	NA	9.00	NA	NA	NA
LN1	8/20/2012	11:36	4.64	NA	44	NA	1	NA	10.00	NA	NA	NA
LN1	8/27/2012	12:22	6.44	NA	268	NA	3	NA	55.00	NA	NA	NA
LN1	9/4/2012	11:28	4.32	NA	164	NA	8	NA	8.00	NA	NA	NA
LN1	9/10/2012	11:52	7.51	NA	152	NA	4	NA	43.00	NA	NA	NA
LN1	9/17/2012	11:47	7.68	NA	34	NA	4	NA	17.00	NA	NA	NA
LN1	9/24/2012	12:10	7.84	NA	23	NA	9	NA	67.00	NA	NA	NA
LN1	10/1/2012	11:30	6.33	NA	35	NA	8	NA	23.00	NA	NA	NA
LN1	11/10/2012	11:01	9.99	NA	106	NA	40	NA	18.00	NA	NA	NA
LN1	11/13/2012	12:28	9.21	NA	10	NA	1	NA	9.00	NA	NA	NA
LN1	11/19/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
LN1	12/10/2012	12:37	9.27	NA	184	NA	108	NA	17.00	NA	NA	NA
LN1	12/17/2012	14:28	9.57	NA	105	NA	106	NA	7.00	NA	NA	NA
LN1	12/26/2012	12:35	10.36	NA	33	NA	12	NA	5.00	NA	NA	NA
E11	1/9/2012	12:35	9.95	NA	57	NA	1	NA	4.00	NA	NA	NA
E11	2/13/2012	11:44	12.03	NA	74	NA	8	NA	20.00	NA	NA	NA
E11	3/5/2012	12:02	14.79	NA	3	NA	1	NA	3.00	NA	NA	NA
E11	4/2/2012	12:12	10.38	NA	105	NA	10	NA	25.00	NA	NA	NA
E11	5/29/2012	12:30	8.90	NA	7	NA	1	NA	8.00	NA	NA	NA
E11	6/4/2012	13:09	6.82	NA	104	NA	4	NA	8.00	NA	NA	NA
E11	6/11/2012	11:09	8.24	NA	20	NA	5	NA	13.00	NA	NA	NA
E11	6/18/2012	12:12	6.60	NA	13	NA	3	NA	8.00	NA	NA	NA
E11	6/25/2012	11:58	5.53	NA	109	NA	4	NA	9.00	NA	NA	NA
E11	7/2/2012	12:27	7.21	NA	14	NA	1	NA	4.00	NA	NA	NA
E11	7/9/2012	11:36	9.81	NA	81	NA	18	NA	11.00	NA	NA	NA
E11	7/16/2012	11:58	8.41	NA	32	NA	48	NA	11.00	NA	NA	NA
E11	7/23/2012	11:44	4.58	NA	86	NA	3	NA	12.00	NA	NA	NA
E11	7/30/2012	12:00	7.06	NA	43	NA	1	NA	11.00	NA	NA	NA
E11	8/6/2012	11:27	4.18	NA	22	NA	2	NA	10.00	NA	NA	NA
E11	8/13/2012	12:41	11.32	NA	12	NA	1	NA	17.00	NA	NA	NA
E11	8/20/2012	11:27	3.04	NA	29	NA	2	NA	11.00	NA	NA	NA
E11	8/27/2012	12:35	9.05	NA	41	NA	4	NA	16.00	NA	NA	NA

Site	Date	Hr:Mn	O_2 (Wnklr) (mg/L)		Fecal #/100 mL		Entero #/100 mL		TSS (mg/L)		DO (YSI) (mg/L)	
			Top	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot
E11	9/4/2012	11:18	3.66	NA	9	NA	1	NA	7.00	NA	NA	NA
E11	9/10/2012	11:45	4.98	NA	436	NA	2	NA	14.00	NA	NA	NA
E11	9/17/2012	11:39	5.30	NA	12	NA	1	NA	6.00	NA	NA	NA
E11	9/24/2012	12:02	8.66	NA	3	NA	2	NA	11.00	NA	NA	NA
E11	10/1/2012	11:21	5.98	NA	71	NA	3	NA	12.00	NA	NA	NA
E11	11/10/2012	10:54	9.55	NA	64	NA	34	NA	21.00	NA	NA	NA
E11	11/13/2012	12:20	8.90	NA	5	NA	1	NA	13.00	NA	NA	NA
E11	12/10/2012	12:30	9.63	NA	14	NA	6	NA	4.00	NA	NA	NA
E11	12/17/2012	14:23	9.39	NA	20	NA	10	NA	4.00	NA	NA	NA
E11	12/26/2012	12:30	10.13	NA	47	NA	4	NA	9.00	NA	NA	NA
OW1	11/09/2012	NA	NA	NA	12000	0	3300	NA	NA	NA	NA	NA
OW1	11/09/2012	NA	NA	NA	4300	0	3300	NA	NA	NA	NA	NA
OW1	11/14/2012	NA	NA	NA	1273	0	650	NA	NA	NA	NA	NA
OW1	11/14/2012	NA	NA	NA	1455	0	460	NA	NA	NA	NA	NA
OW1	11/15/2012	NA	NA	NA	3400	0	2100	NA	NA	NA	NA	NA
OW1	11/15/2012	NA	NA	NA	63	0	27	NA	NA	NA	NA	NA
OW1	11/20/2012	NA	NA	NA	260	0	300	NA	NA	NA	NA	NA
OW1	11/20/2012	NA	NA	NA	1300	0	390	NA	NA	NA	NA	NA
OW1	11/30/2012	NA	NA	NA	200	0	610	NA	NA	NA	NA	NA
OW1	11/30/2012	NA	NA	NA	350	0	37	NA	NA	NA	NA	NA
OW1	12/06/2012	NA	NA	NA	1700	0	620	NA	NA	NA	NA	NA
OW1	12/06/2012	NA	NA	NA	200	0	44	NA	NA	NA	NA	NA
OW1	12/11/2012	NA	NA	NA	82	0	220	NA	NA	NA	NA	NA
OW1	12/12/2012	NA	NA	NA	6000	0	2700	NA	NA	NA	NA	NA
OW1	12/12/2012	NA	NA	NA	370	0	118	NA	NA	NA	NA	NA
OW1	12/14/2012	NA	NA	NA	240	0	3800	NA	NA	NA	NA	NA
OW1	12/14/2012	NA	NA	NA	430	0	600	NA	NA	NA	NA	NA
OW1	12/18/2012	NA	NA	NA	5400	0	4100	NA	NA	NA	NA	NA
OW1	12/18/2012	NA	NA	NA	3000	0	480	NA	NA	NA	NA	NA
OW1	12/19/2012	NA	NA	NA	2800	0	2500	NA	NA	NA	NA	NA
OW1	12/19/2012	NA	NA	NA	700	0	738	NA	NA	NA	NA	NA

APPENDIX J

ALLEY CREEK-LITTLE NECK BAY MODEL ASSESSMENT COMPARISON OF MODEL RESULTS WITH PATHOGEN MONITORING DATA, 2012

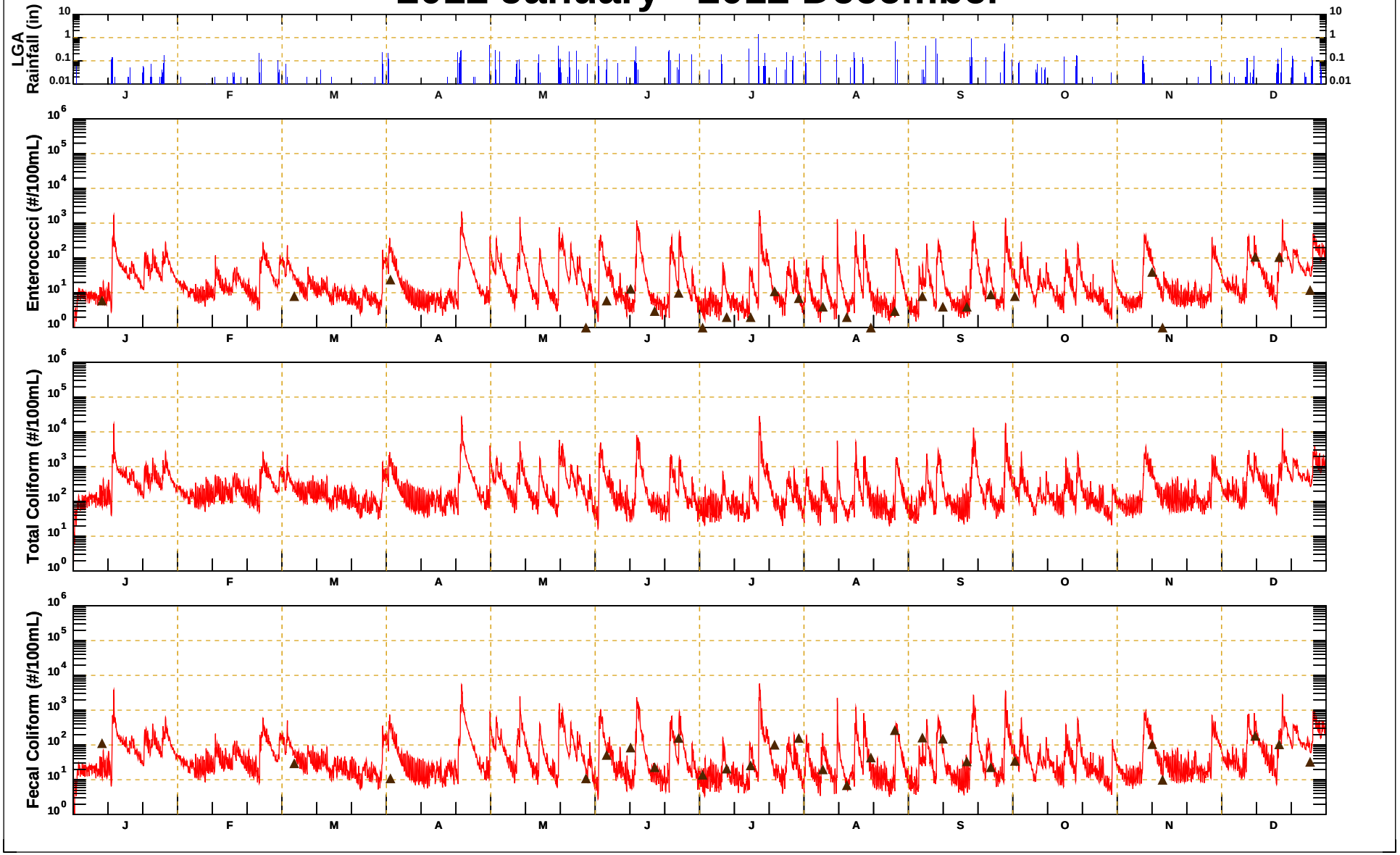


2012, Alley Creek AC1, OW1, Cell (64,05)
(Alley Creek with Tank)

▲ ▼ 2012 Open Water Data
▲ ▼ 2012 NYCDEP Harbor Survey Data
Surface Layer

DATE: 7/03/2013 TIME: 16:26:35

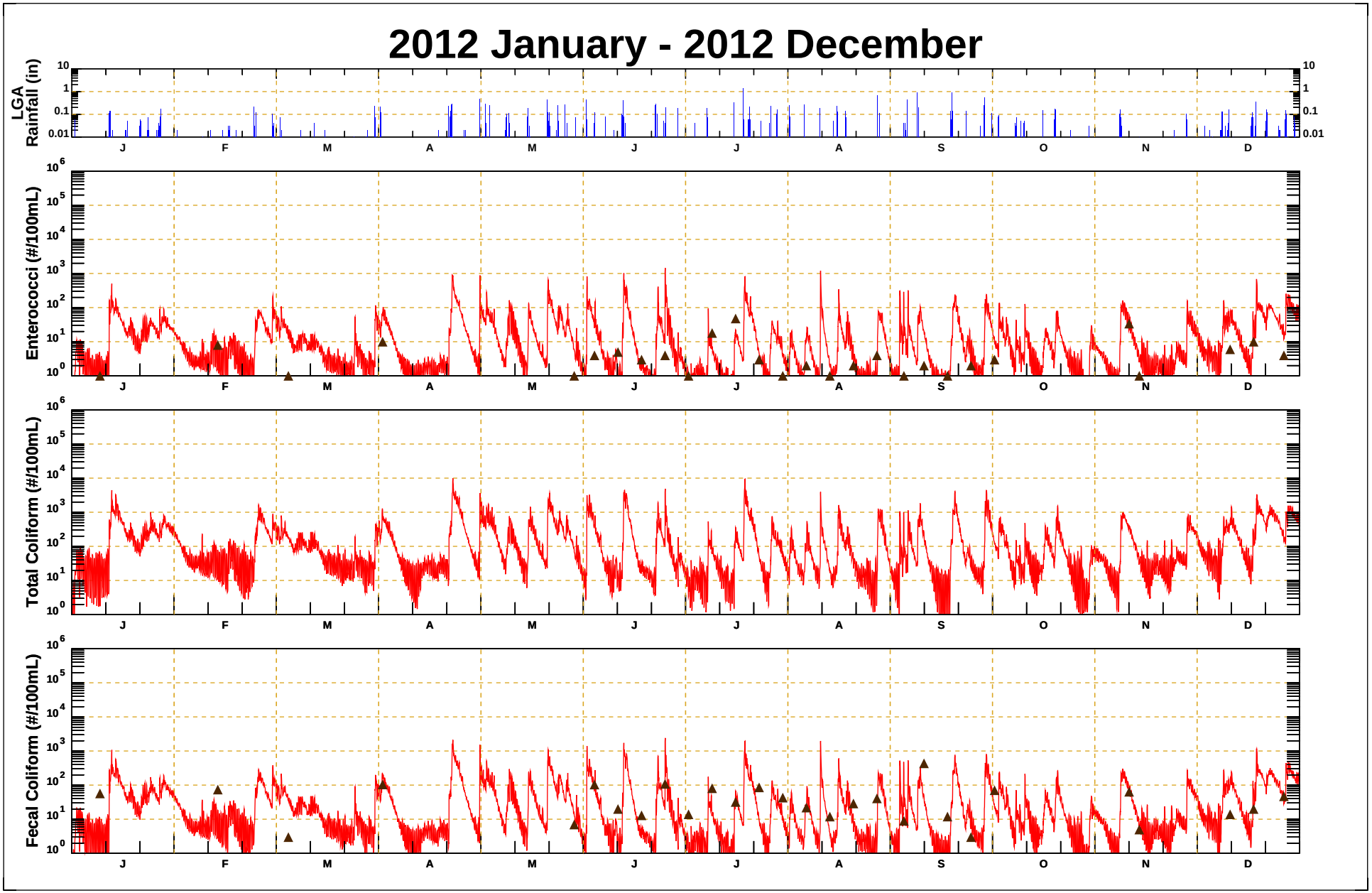
2012 January - 2012 December



2012, Little Neck LN1, Cell (59,14)
(Alley Creek with Tank)

▲ ▼ 2012 Open Water Data
▲ ▼ 2012 NYCDEP Harbor Survey Data
Surface Layer

DATE: 7/03/2013 TIME: 16:26:37



2012, Little Neck E11, Cell (63,20)
(Alley Creek with Tank)

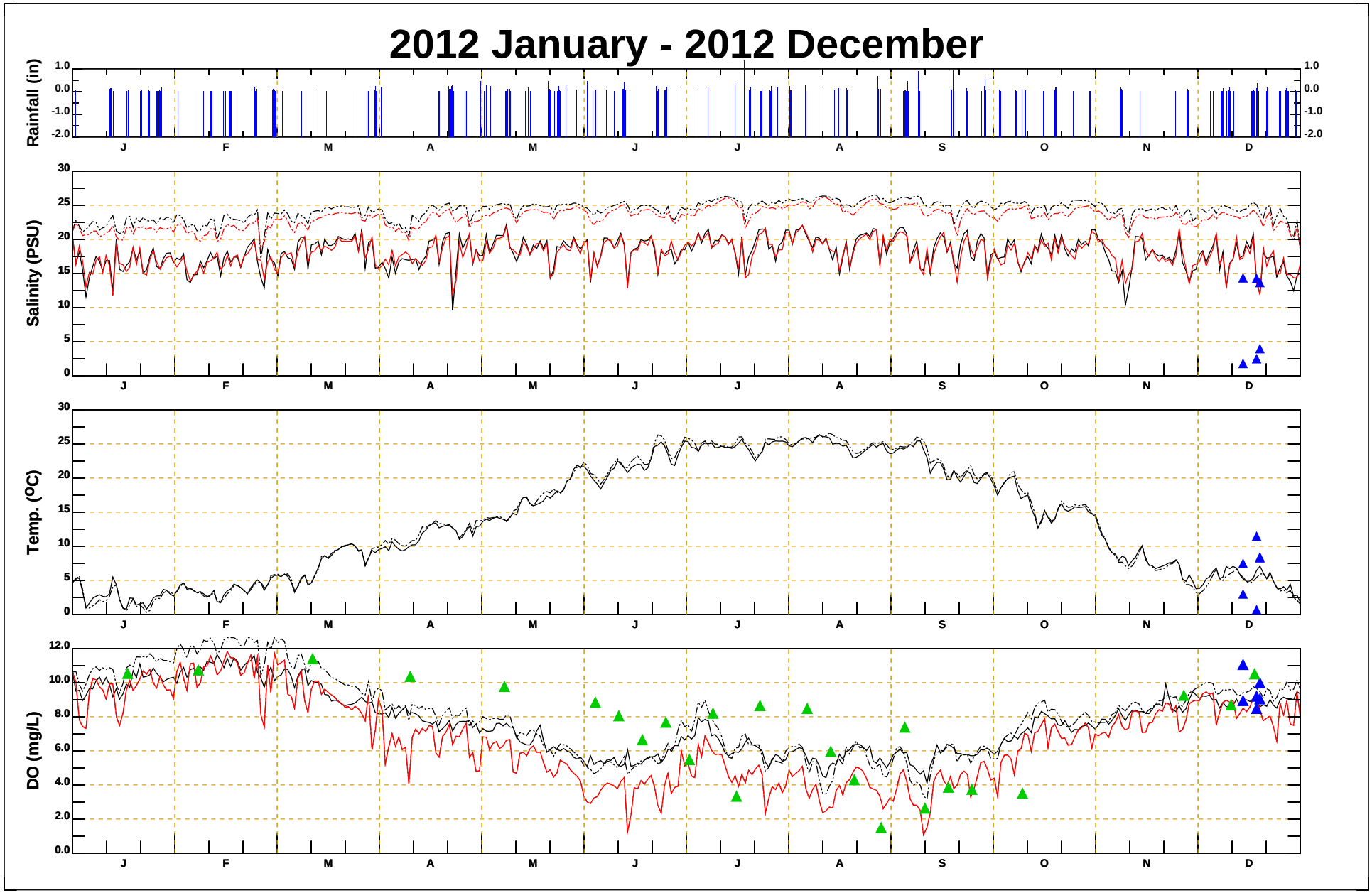
▲ ▼ 2012 Open Water Data
▲ ▼ 2012 NYCDEP Harbor Survey Data
Surface Layer

DATE: 7/03/2013 TIME: 16:26:39

APPENDIX K

ALLEY CREEK-LITTLE NECK BAY MODEL ASSESSMENT COMPARISON OF MODEL RESULTS WITH DISSOLVED OXYGEN MONITORING DATA, 2012

2012 January - 2012 December

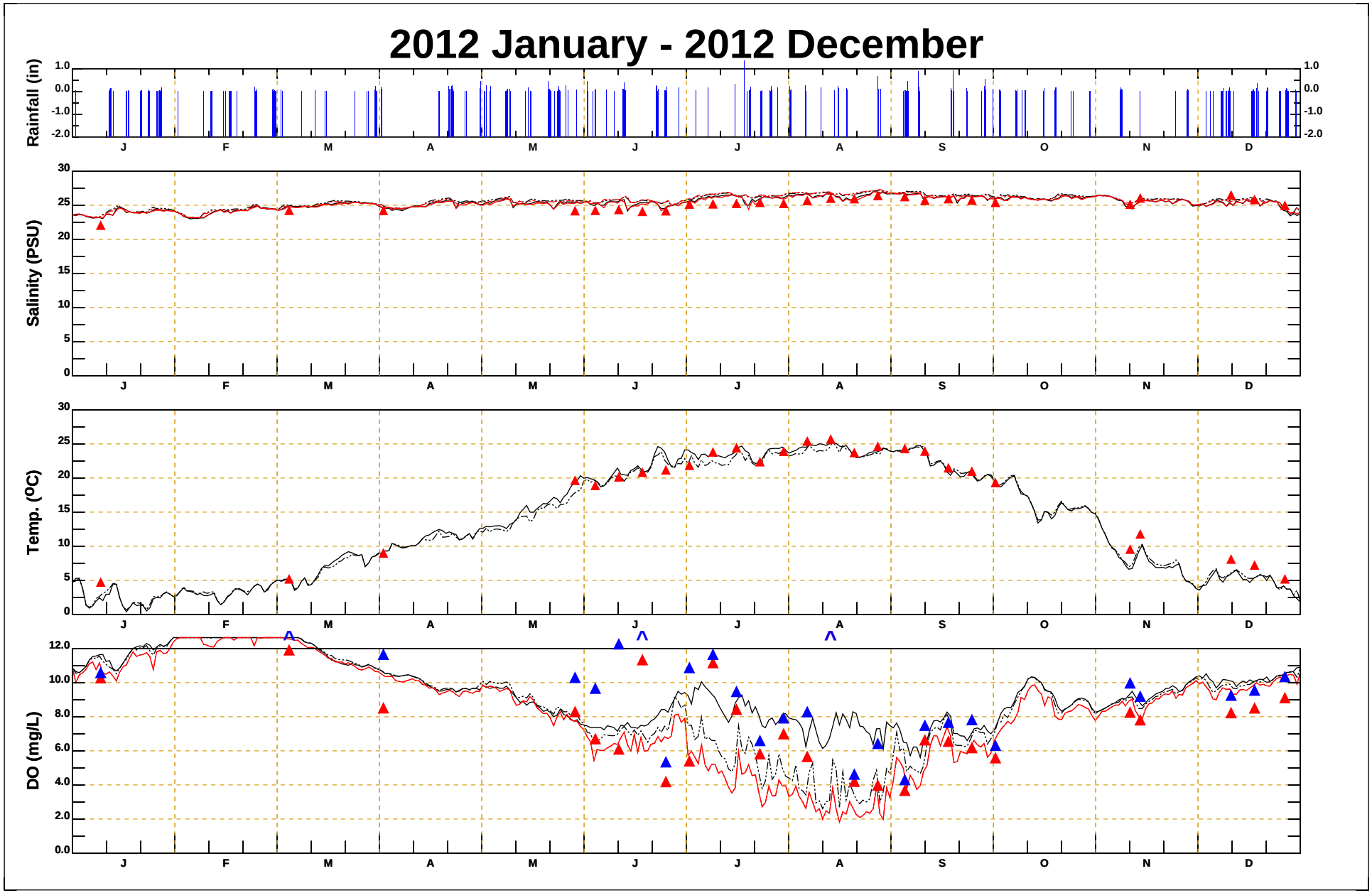


2012 Calibration, ERTM Cell (64,05)
Alley Creek AC1

▲ ▼ 2012 OW/MST Data, HS Winkler
▲ ▼ 2012 NYCDEP HS CTD Data
▲ ▼ 2012 NYCDEP HS YSI Field Data
_____ Surface Layer
_ _ _ Bottom Layer
_____ Surface RCA_Sal
_ _ _ Bottom RCA_Sal or Minimum DO

YR7
with TANK

DATE: 7/02/2013 TIME: 14:36:56

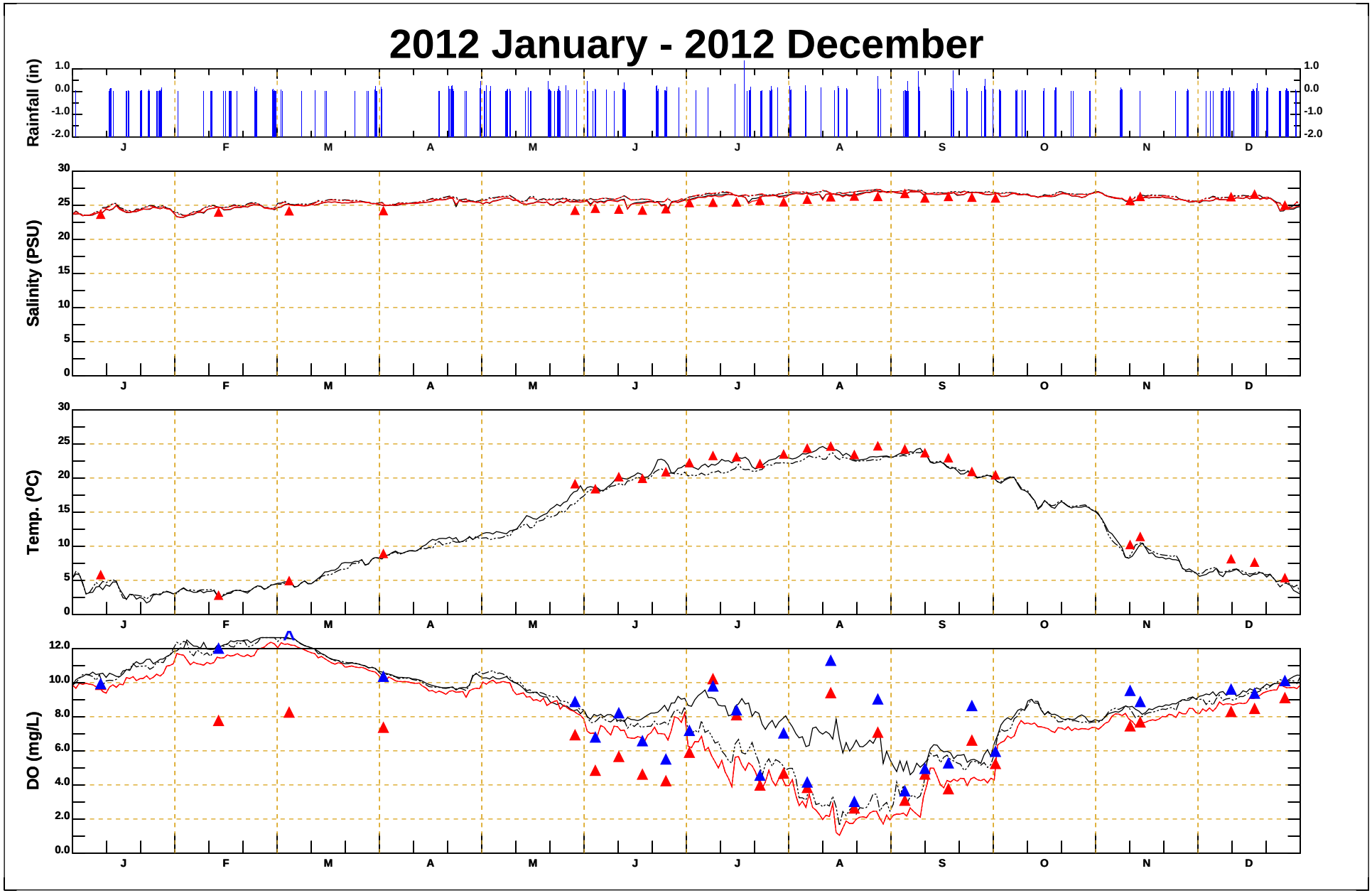


2012 Calibration, ERTM Cell (59,14)
Little Neck LN1

▲ ▼ 2012 OW/MST Data, HS Winkler
▲ ▼ 2012 NYCDEP HS CTD Data
▲ ▼ 2012 NYCDEP HS YSI Field Data
Surface Layer
Bottom Layer
Surface RCA_Sal
Bottom RCA_Sal or Minimum DO

YR7
with TANK

DATE: 7/02/2013 TIME: 14:36:48



2012 Calibration, ERTM Cell (63,20)
Little Neck E11

- 2012 OW/MST Data, HS Winkler
- 2012 NYCDEP HS CTD Data
- 2012 NYCDEP HS YSI Field Data
- Surface Layer
- Bottom Layer
- Surface RCA_Sal
- Bottom RCA_Sal or Minimum DO

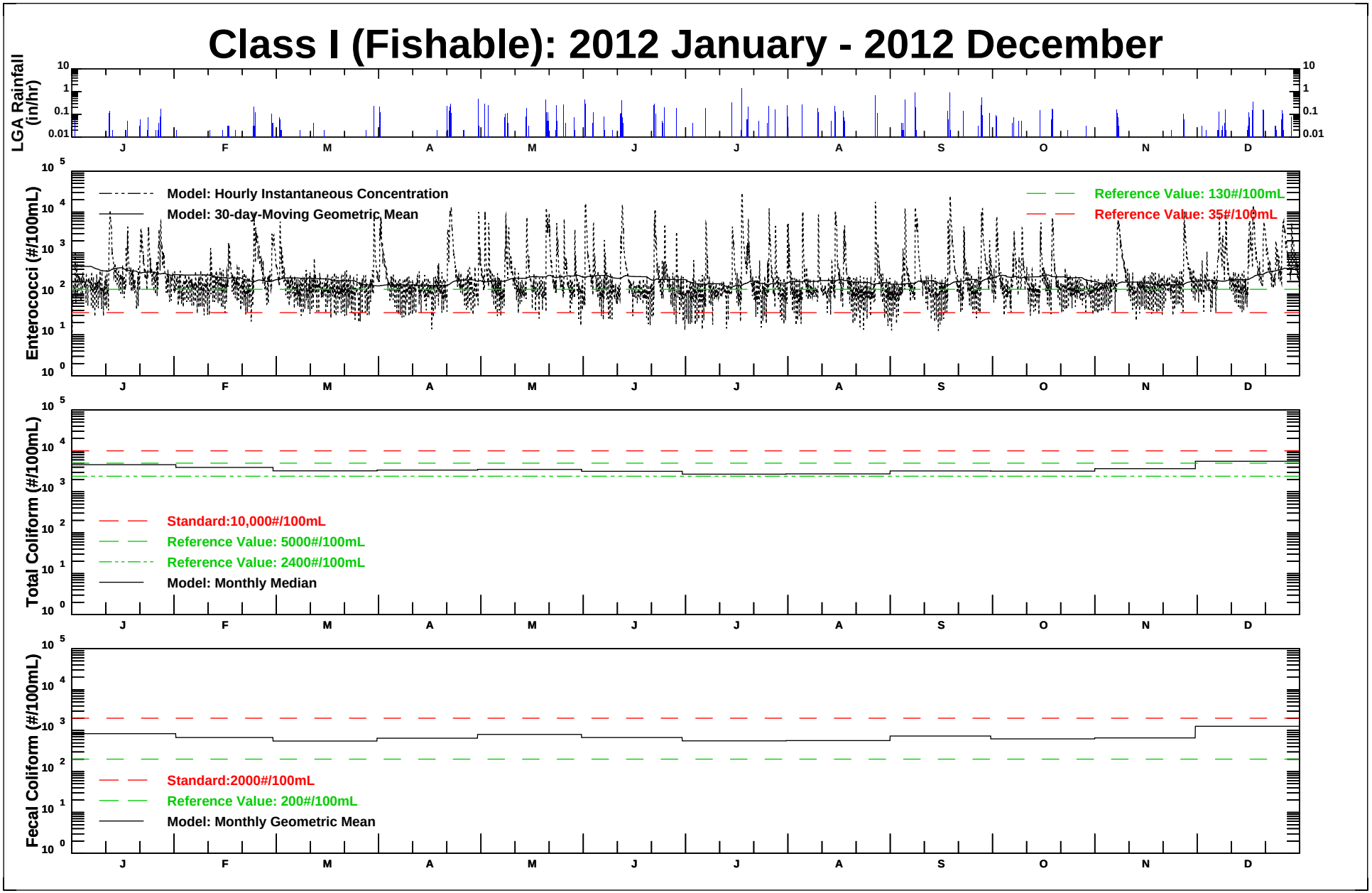
YR7
with TANK

DATE: 7/02/2013 TIME: 14:36:38

APPENDIX L

ALLEY CREEK-LITTLE NECK BAY PATHOGEN ASSESSMENT COMPARISON OF CALCULATED MONTHLY GEOMETRIC MEAN BACTERIA CONCENTRATIONS WITH AND WITHOUT THE CSO RETENTION FACILITY, 2012 CONDITIONS

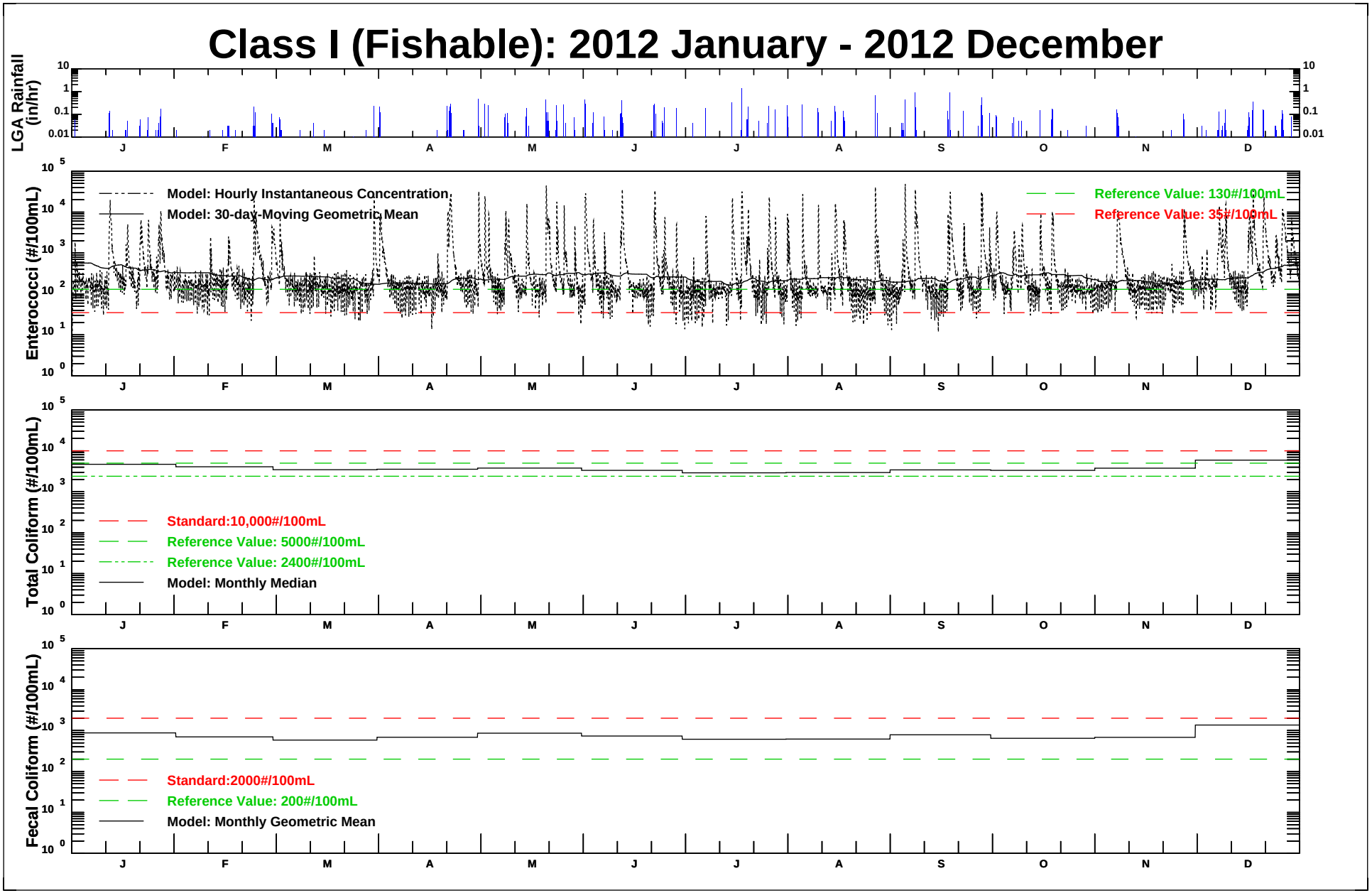
Class I (Fishable): 2012 January - 2012 December



2012, Alley Creek Station AC1 , Cell (64,05)
(Alley Creek with Tank)

DATE: 7/03/2013 TIME: 16:13: 1

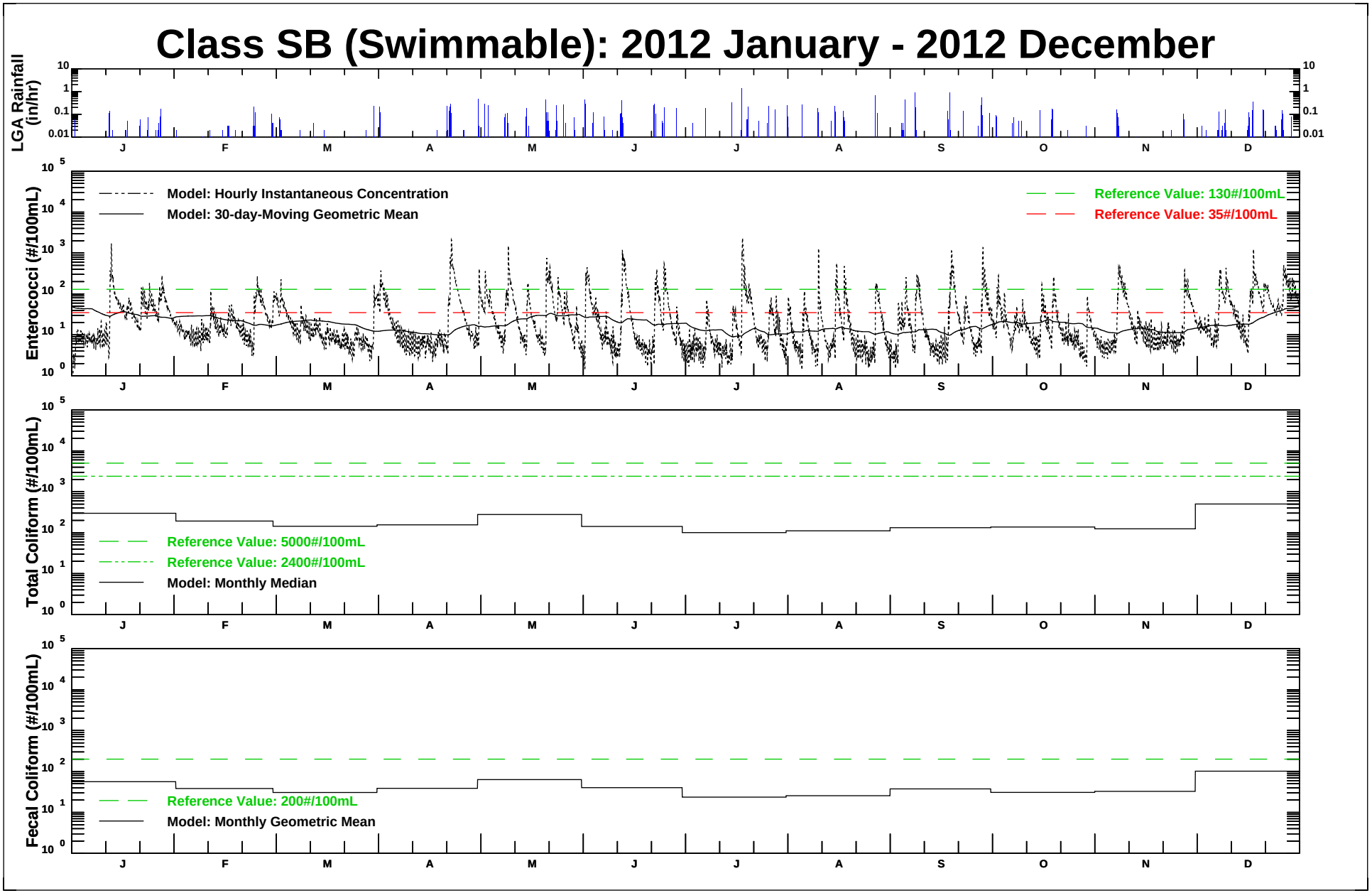
Class I (Fishable): 2012 January - 2012 December



2012, Alley Creek Station AC1 , Cell (64,05)
(Alley Creek without Tank)

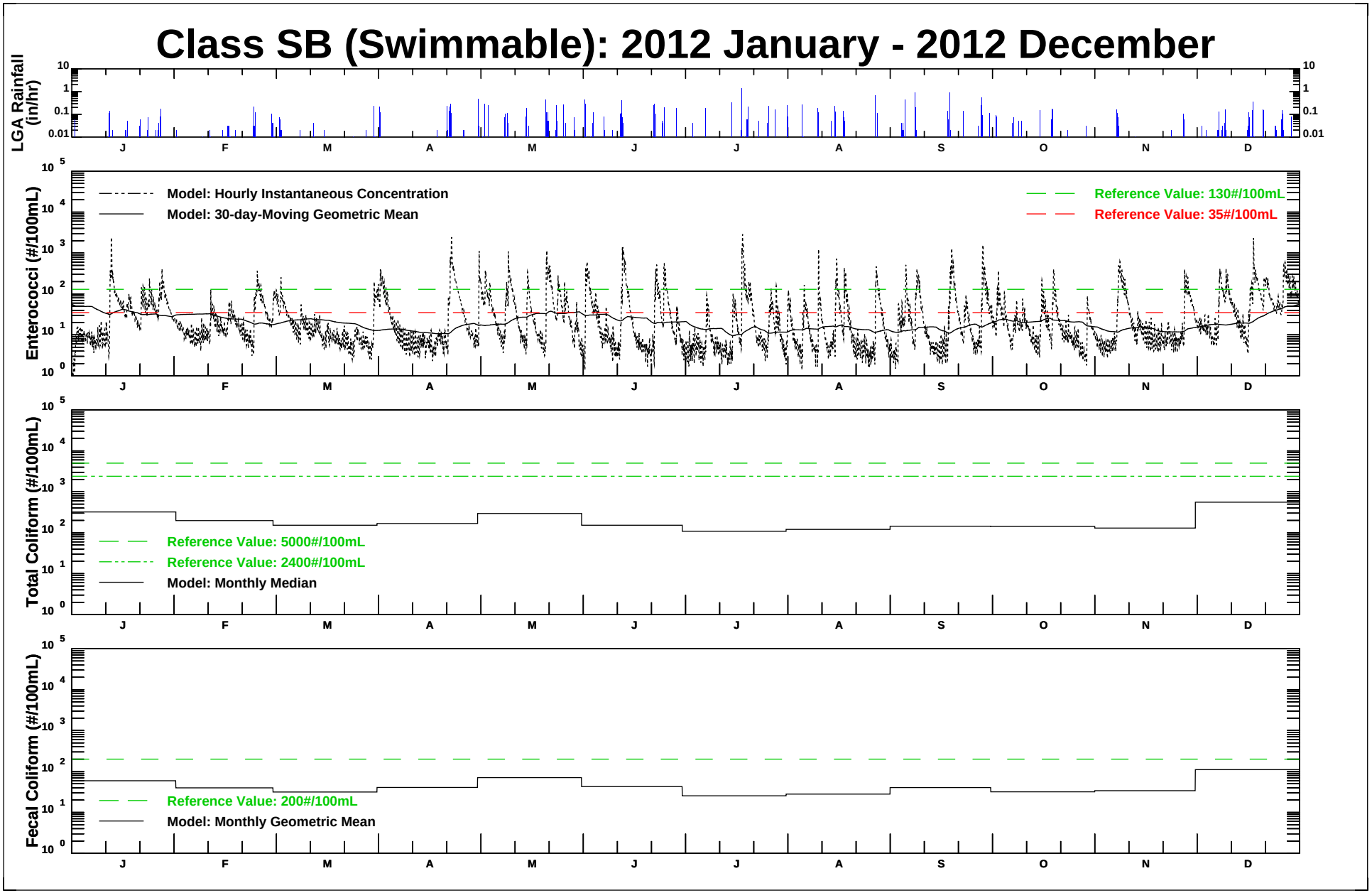
DATE: 7/03/2013 TIME: 16:12:58

Class SB (Swimmable): 2012 January - 2012 December



2012, Little Neck Bay Station LN1 , Cell (59,14)
(Alley Creek with Tank)

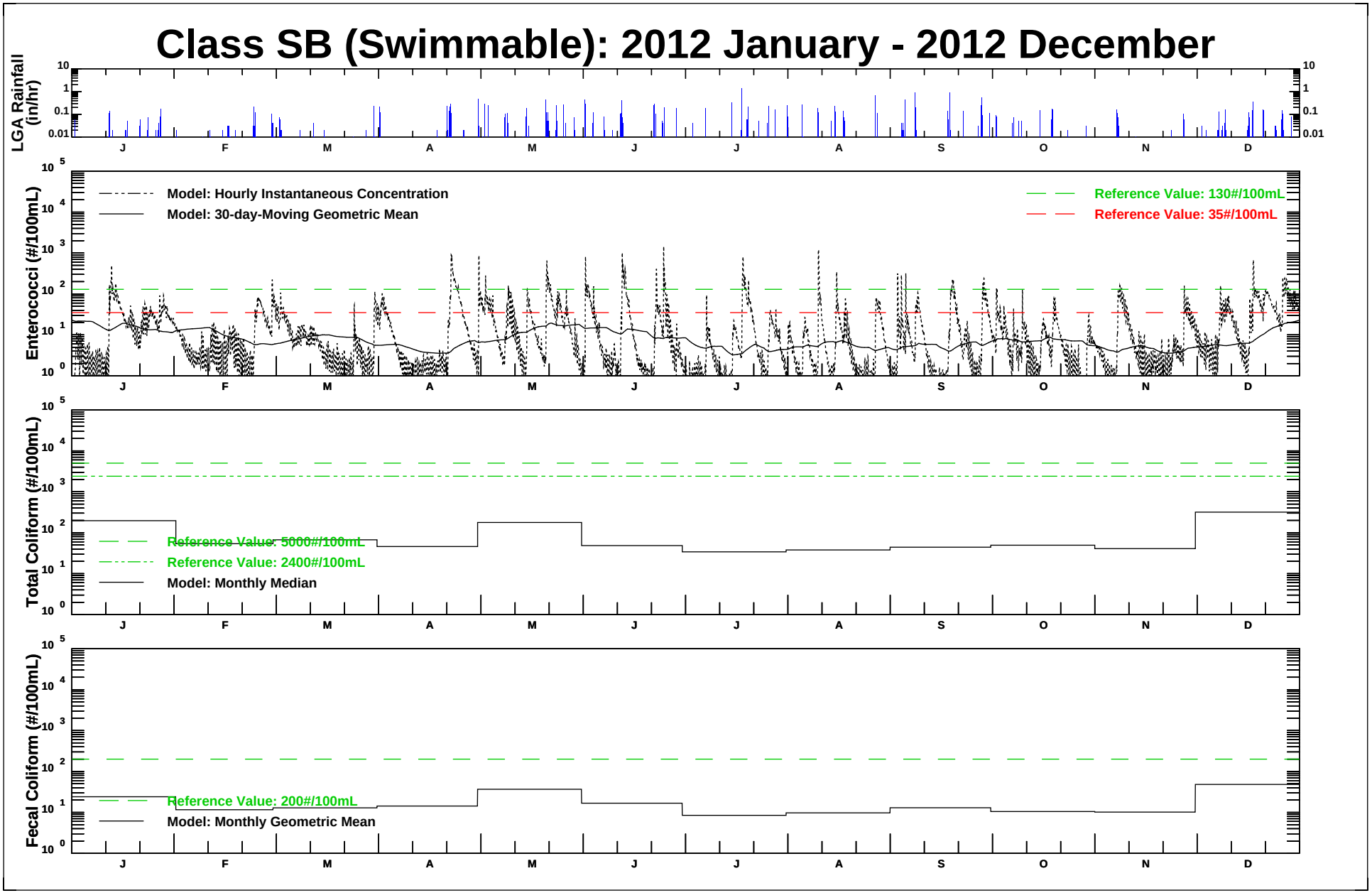
DATE: 7/03/2013 TIME: 16:33:45



2012, Little Neck Bay Station LN1 , Cell (59,14)
(Alley Creek without Tank)

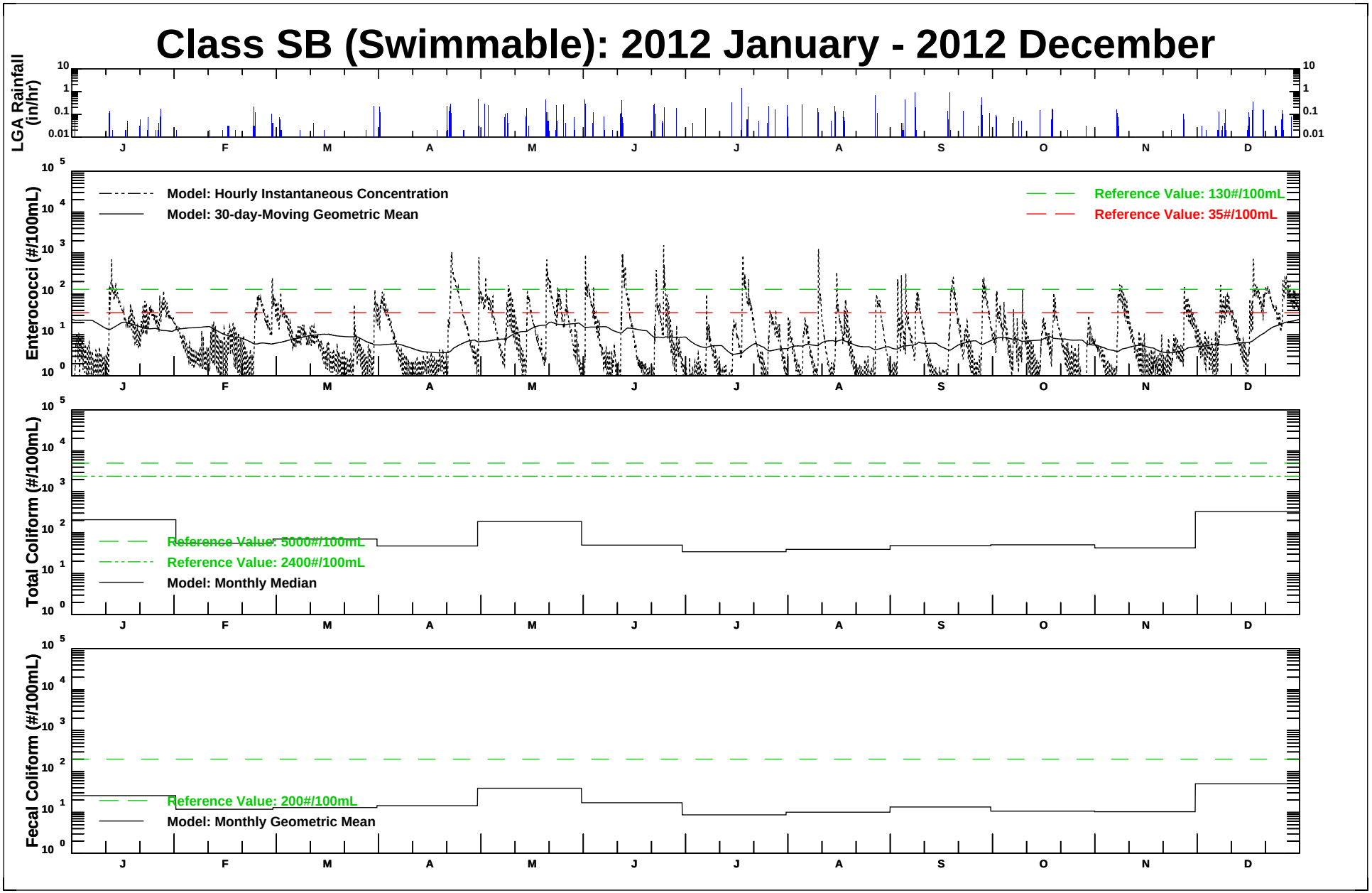
DATE: 7/03/2013 TIME: 16:33:12

Class SB (Swimmable): 2012 January - 2012 December



2012, Little Neck Bay Station E11 , Cell (63,20)
(Alley Creek with Tank)

DATE: 7/03/2013 TIME: 16:27:51



2012, Little Neck Bay Station E11 , Cell (63,20)
(Alley Creek without Tank)

DATE: 7/03/2013 TIME: 16:28:56

APPENDIX M

PAERDEGAT BASIN TANK POST-CONSTRUCTION COMPLIANCE MONITORING RESULTS, 2012

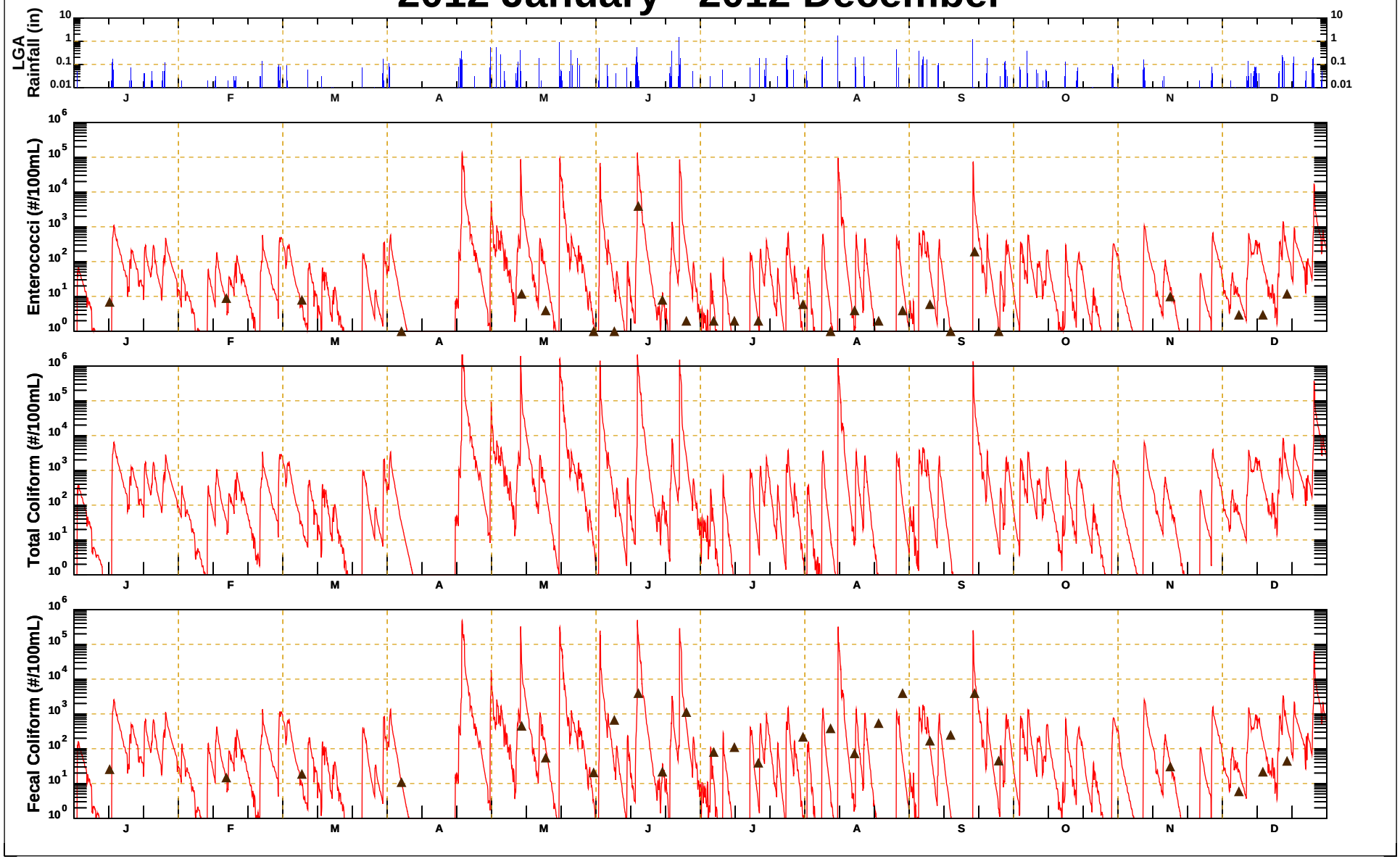
Site	Date	Hr:Mn	O_2 (Wnklr) (mg/L)		Fecal #/100 mL		Entero #/100 mL		TSS (mg/L)		DO (YSI) (mg/L)	
			Top	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot
PB2	1/11/2012	13:06	9.12	10.77	26	NA	7	NA	4.00	6.00	NA	NA
PB2	2/14/2012	13:21	13.69	13.85	15	NA	9	NA	3.00	8.00	NA	NA
PB2	3/7/2012	13:02	14.33	14.34	19	NA	8	NA	8.00	4.00	NA	NA
PB2	4/4/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PB2	4/5/2012	12:20	NA	NA	11	NA	1	NA	12.00	NA	12.12	NA
PB2	5/10/2012	12:14	NA	NA	460	NA	12	NA	12.00	NA	8.97	NA
PB2	5/17/2012	11:33	NA	NA	56	NA	4	NA	15.00	NA	13.53	NA
PB2	5/31/2012	13:14	6.30	NA	21	NA	1	NA	5.00	NA	NA	NA
PB2	6/6/2012	13:17	8.56	6.38	680	NA	1	NA	5.00	4.00	NA	NA
PB2	6/13/2012	12:37	6.46	5.92	4000	NA	4000	NA	10.00	6.00	NA	NA
PB2	6/20/2012	12:54	11.13	4.50	22	NA	8	NA	9.00	6.00	NA	NA
PB2	6/27/2012	13:37	8.24	7.95	1140	NA	2	NA	11.00	8.00	NA	NA
PB2	7/5/2012	13:07	6.22	7.22	81	NA	2	NA	11.00	10.00	NA	NA
PB2	7/11/2012	12:43	11.65	11.39	112	NA	2	NA	13.00	11.00	NA	NA
PB2	7/18/2012	13:13	6.24	8.86	40	NA	2	NA	6.00	11.00	NA	NA
PB2	7/24/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PB2	7/31/2012	12:47	6.53	6.38	221	NA	6	NA	5.00	9.00	NA	NA
PB2	8/8/2012	12:58	3.59	4.18	390	NA	1	NA	6.00	5.00	NA	NA
PB2	8/15/2012	12:56	2.91	1.36	74	NA	4	NA	10.00	11.00	NA	NA
PB2	8/22/2012	13:11	4.99	4.23	550	NA	2	NA	6.00	5.00	NA	NA
PB2	8/29/2012	13:32	2.94	2.13	4000	NA	4	NA	9.00	12.00	NA	NA
PB2	9/6/2012	13:41	0.88	0.39	172	NA	6	NA	8.00	7.00	NA	NA
PB2	9/12/2012	13:30	3.11	3.05	251	NA	1	NA	4.00	3.00	NA	NA
PB2	9/19/2012	13:18	3.78	4.46	4000	NA	196	NA	6.00	4.00	NA	NA
PB2	9/26/2012	13:33	5.96	5.20	46	NA	1	NA	3.00	3.00	NA	NA
PB2	10/3/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PB2	11/15/2012	13:07	6.93	7.78	31	NA	10	NA	3.00	4.00	NA	NA
PB2	12/5/2012	13:15	12.44	12.27	6	NA	3	NA	6.00	6.00	NA	NA
PB2	12/12/2012	13:28	15.11	NA	22	NA	3	NA	7.00	NS	NA	NA
PB2	12/19/2012	13:00	9.98	10.11	45	NA	12	NA	9.00	9.00	NA	NA
PB3	1/11/2012	13:15	11.37	NA	24	NA	6	NA	11.00	NA	NA	NA
PB3	2/14/2012	13:29	12.87	NA	8	NA	1	NA	6.00	NA	NA	NA
PB3	3/7/2012	13:12	15.61	NA	7	NA	1	NA	3.00	NA	NA	NA
PB3	4/4/2012	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PB3	4/5/2012	12:30	NA	NA	1	NA	10	NA	7.00	NA	12.58	NA
PB3	5/10/2012	12:22	NA	NA	238	NA	4	NA	6.00	NA	9.54	NA
PB3	5/17/2012	11:43	NA	NA	39	NA	4	NA	40.00	NA	24.53	NA
PB3	5/31/2012	13:22	16.28	NA	163	NA	1	NA	20.00	NA	NA	NA
PB3	6/6/2012	13:25	7.46	NA	370	NA	6	NA	5.00	NA	NA	NA
PB3	6/13/2012	12:45	6.21	NA	4000	NA	4000	NA	9.00	NA	NA	NA
PB3	6/20/2012	13:03	12.39	NA	27	NA	1	NA	15.00	NA	NA	NA
PB3	6/27/2012	13:50	8.43	NA	1160	NA	2	NA	9.00	NA	NA	NA
PB3	7/5/2012	13:16	9.18	NA	112	NA	1	NA	7.00	NA	NA	NA

Site	Date	Hr:Mn	O_2 (Wnklr) (mg/L)		Fecal #/100 mL		Entero #/100 mL		TSS (mg/L)		DO (YSI) (mg/L)	
			Top	Bot	Top	Bot	Top	Bot	Top	Bot	Top	Bot
PB3	7/11/2012	12:54	10.33	NA	72	NA	1	NA	7.00	NA	NA	NA
PB3	7/18/2012	13:21	5.25	NA	54	NA	1	NA	14.00	NA	NA	NA
PB3	7/24/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PB3	7/31/2012	12:55	5.83	NA	144	NA	4	NA	5.00	NA	NA	NA
PB3	8/8/2012	13:06	5.67	NA	29	NA	1	NA	6.00	NA	NA	NA
PB3	8/15/2012	13:04	3.31	NA	83	NA	1	NA	12.00	NA	NA	NA
PB3	8/22/2012	13:21	6.57	NA	97	NA	1	NA	7.00	NA	NA	NA
PB3	8/29/2012	13:43	3.30	NA	4000	NA	4	NA	10.00	NA	NA	NA
PB3	9/6/2012	13:50	2.03	NA	183	NA	4	NA	10.00	NA	NA	NA
PB3	9/12/2012	13:39	6.68	NA	118	NA	2	NA	7.00	NA	NA	NA
PB3	9/19/2012	13:26	5.45	NA	4000	NA	87	NA	6.00	NA	NA	NA
PB3	9/26/2012	13:41	6.43	NA	44	NA	1	NA	5.00	NA	NA	NA
PB3	10/3/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PB3	11/15/2012	13:17	8.37	NA	14	NA	2	NA	4.00	NA	NA	NA
PB3	12/5/2012	13:22	12.38	NA	40	NA	2	NA	13.00	NA	NA	NA
PB3	12/12/2012	13:36	13.66	NA	72	NA	9	NA	6.00	NA	NA	NA
PB3	12/19/2012	13:10	10.10	NA	28	NA	2	NA	9.00	NA	NA	NA
J10	1/11/2012	13:21	7.69	10.32	15	NA	3	NA	8.00	16.00	NA	NA
J10	2/14/2012	13:35	12.19	11.89	4	NA	3	NA	5.00	7.00	NA	NA
J10	3/7/2012	13:19	14.14	14.25	9	NA	3	NA	23.00	15.00	NA	NA
J10	4/4/2012	13:10	12.86	NA	34	NA	1	NA	5.00	NA	NA	NA
J10	5/31/2012	13:30	10.81	NA	232	NA	1	NA	12.00	NA	NA	NA
J10	6/6/2012	13:06	6.41	6.59	37	NA	4	NA	6.00	5.00	NA	NA
J10	6/13/2012	12:52	6.79	6.12	800	NA	1920	NA	6.00	4.00	NA	NA
J10	6/20/2012	13:09	10.82	7.95	23	NA	390	NA	5.00	5.00	NA	NA
J10	6/27/2012	13:57	6.45	6.85	544	NA	2	NA	13.00	3.00	NA	NA
J10	7/5/2012	13:24	9.56	9.18	83	NA	2	NA	6.00	6.00	NA	NA
J10	7/11/2012	13:00	8.89	7.41	13	NA	1	NA	4.00	10.00	NA	NA
J10	7/18/2012	13:28	8.74	8.79	24	NA	1	NA	6.00	8.00	NA	NA
J10	7/24/2012	12:46	7.28	6.95	3	NA	2	NA	2.00	2.00	NA	NA
J10	7/31/2012	13:03	8.75	8.73	324	NA	1	NA	39.00	14.00	NA	NA
J10	8/8/2012	12:45	5.05	4.96	7	NA	3	NA	10.00	7.00	NA	NA
J10	8/15/2012	13:11	6.10	5.95	60	NA	1	NA	6.00	7.00	NA	NA
J10	8/22/2012	13:27	7.69	7.61	23	NA	1	NA	8.00	6.00	NA	NA
J10	8/29/2012	13:18	3.92	3.88	5300	NA	2	NA	6.00	7.00	NA	NA
J10	9/6/2012	13:57	3.43	3.89	193	NA	2	NA	6.00	7.00	NA	NA
J10	9/12/2012	13:45	7.32	7.64	38	NA	1	NA	12.00	10.00	NA	NA
J10	9/19/2012	13:32	4.17	5.40	13300	NA	99	NA	10.00	12.00	NA	NA
J10	9/26/2012	13:47	6.23	6.55	27	NA	1	NA	9.00	10.00	NA	NA
J10	10/3/2012	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
J10	11/15/2012	13:23	8.46	8.66	7	NA	1	NA	18.00	21.00	NA	NA
J10	12/5/2012	13:28	10.30	11.05	7	NA	1	NA	7.00	9.00	NA	NA
J10	12/12/2012	13:43	11.50	11.47	54	NA	1	NA	9.00	14.00	NA	NA
J10	12/19/2012	13:16	10.01	9.65	8	NA	4	NA	4.00	6.00	NA	NA

APPENDIX N

PAERDEGAT BASIN-JAMAICA BAY MODEL ASSESSMENT COMPARISON OF MODEL RESULTS WITH PATHOGEN MONITORING DATA, 2012

2012 January - 2012 December

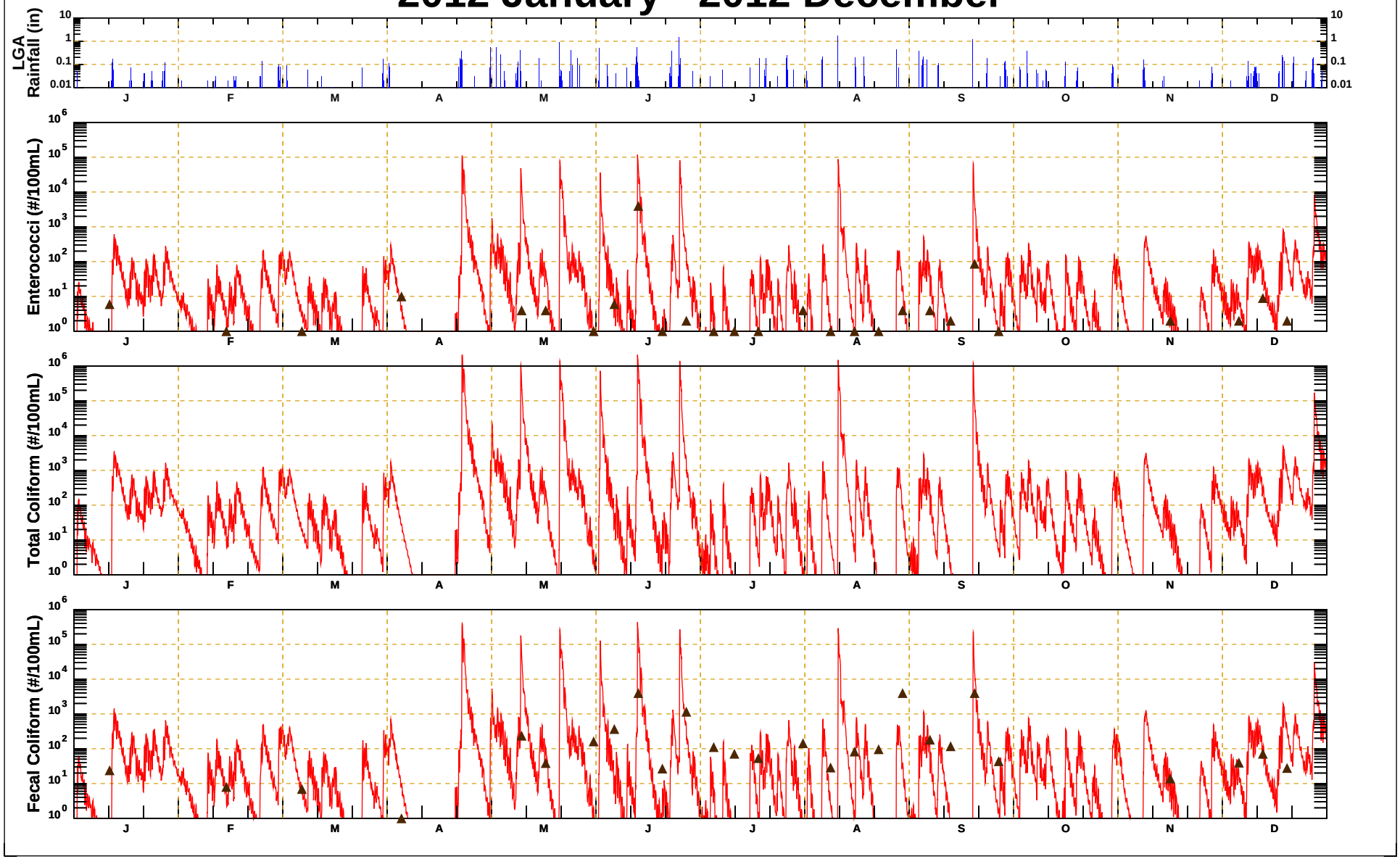


2012, Paerdegat Basin PB2, Cell (35,69)
(Paerdegat Basin with Tank)

▲ ▼ 2012 Open Water Data
▲ ▼ 2012 NYCDEP Harbor Survey Data
Surface Layer

DATE: 7/01/2013 TIME: 15:57:27

2012 January - 2012 December

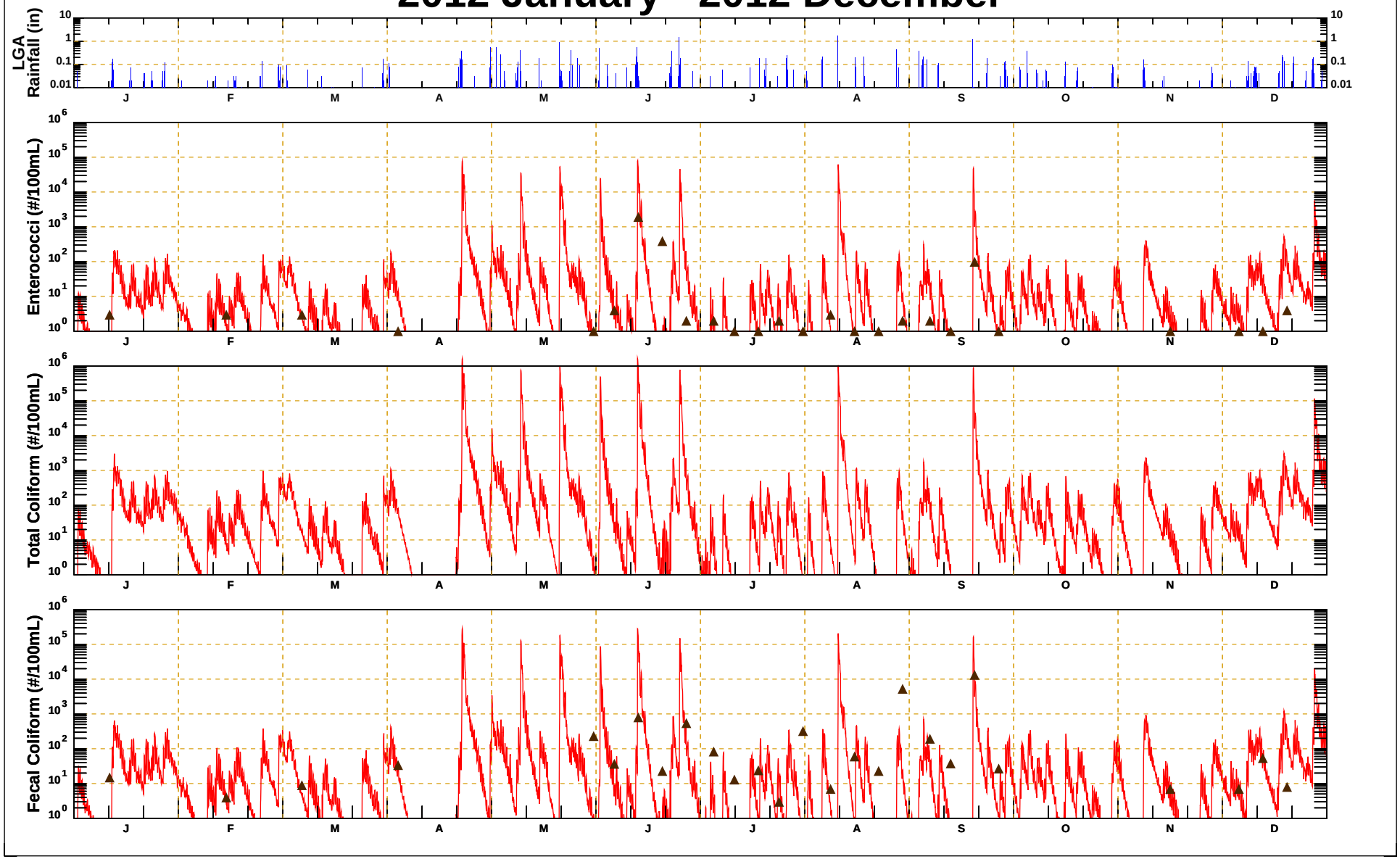


2012, Paerdegat Basin PB3, Cell (35,62)
(Paerdegat Basin with Tank)

▲ ▼ 2012 Open Water Data
▲ ▼ 2012 NYCDEP Harbor Survey Data
Surface Layer

DATE: 7/01/2013 TIME: 15:57:34

2012 January - 2012 December



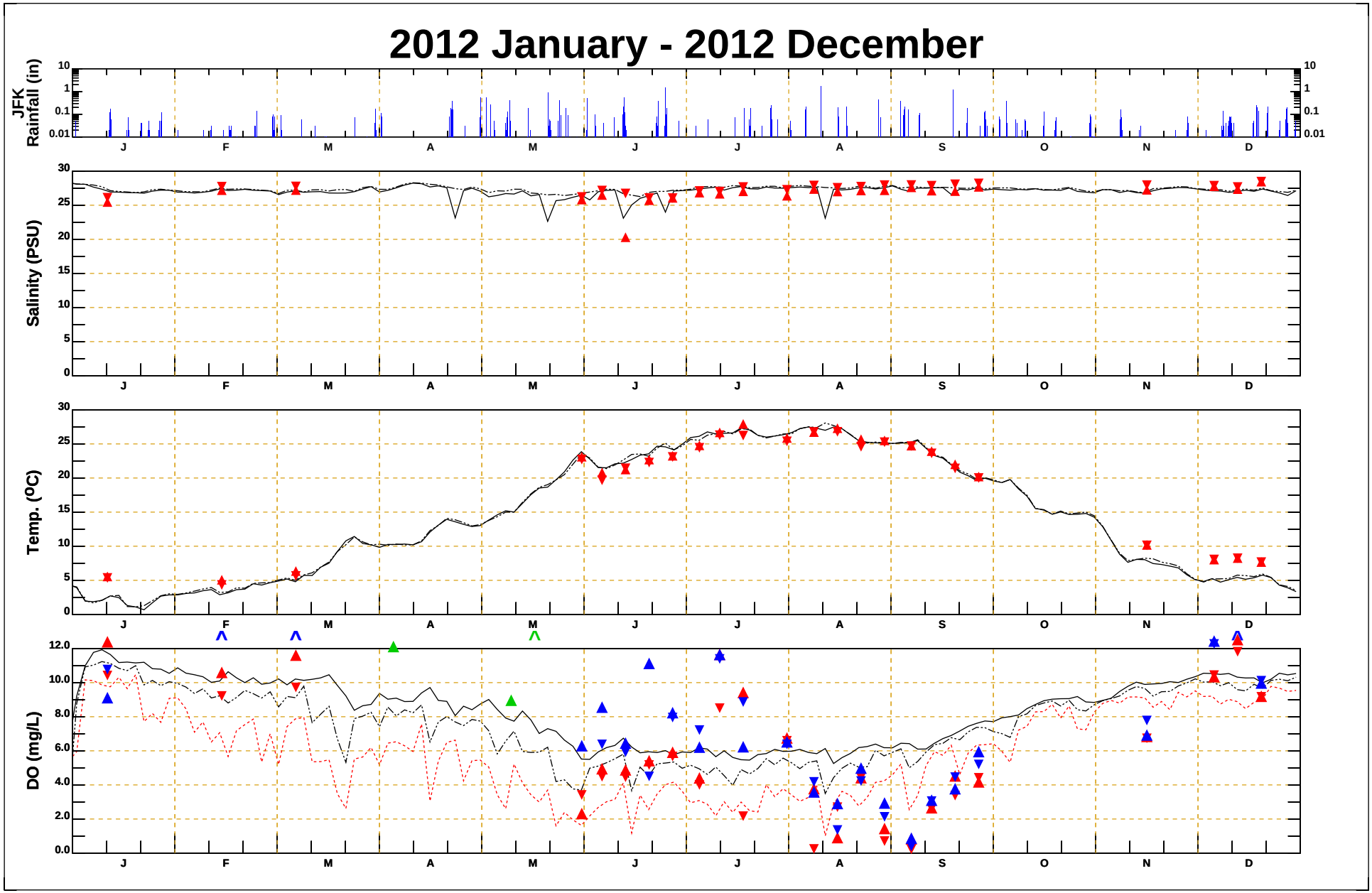
2012, Jamaica Bay J10, Cell (35,58)
(Paerdegat Basin with Tank)

▲ ▼ 2012 Open Water Data
▲ ▼ 2012 NYCDEP Harbor Survey Data
Surface Layer

DATE: 7/01/2013 TIME: 15:57:40

APPENDIX O

PAERDEGAT BASIN-JAMAICA BAY MODEL ASSESSMENT COMPARISON OF MODEL RESULTS WITH DISSOLVED OXYGEN MONITORING DATA, 2012

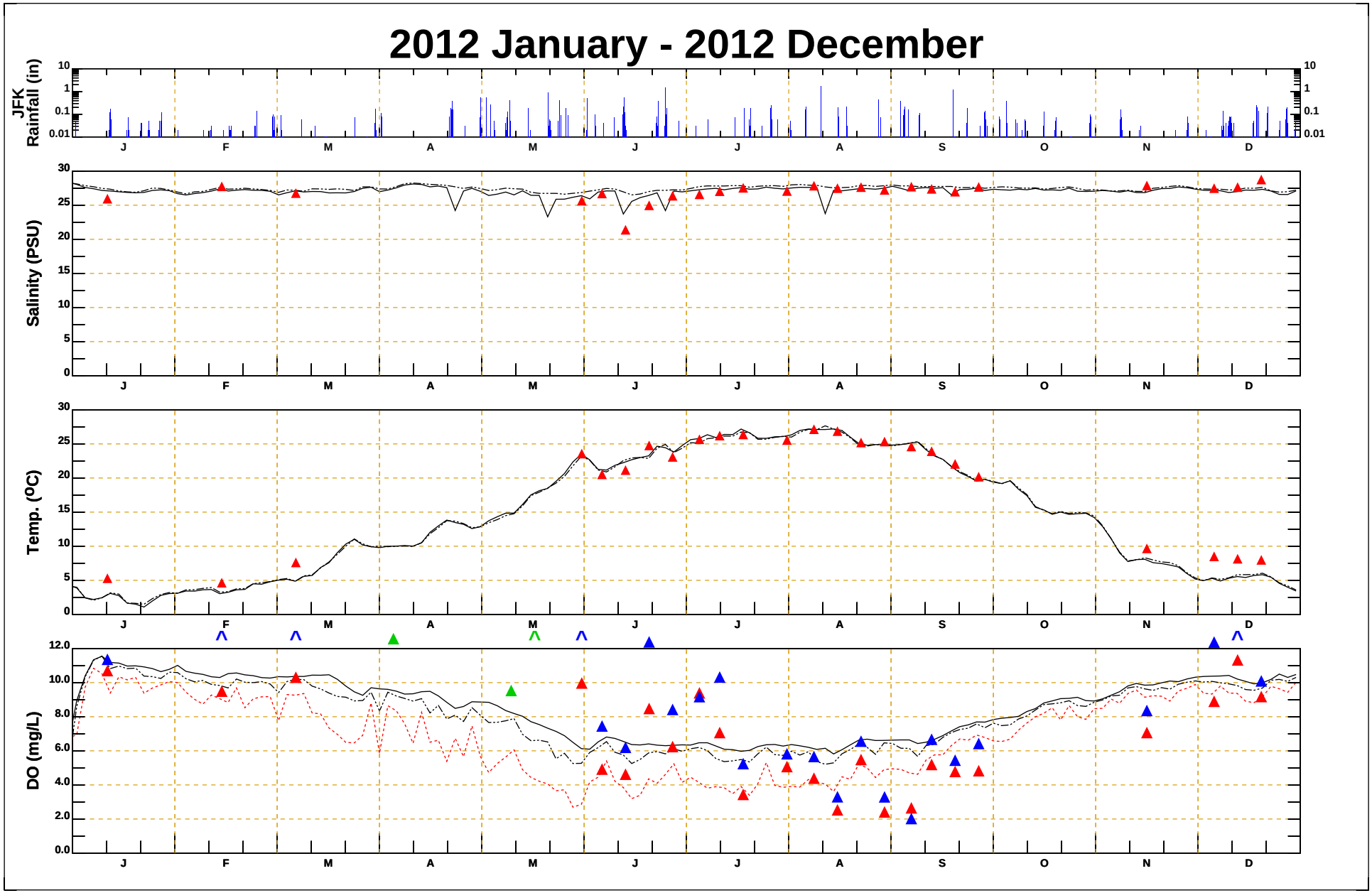


2012,Paerdegat Basin PB2, Cell (35,70)
(Paerdegat Basin with Tank)

- 2012 NYCDEP HS Winkler
- 2012 NYCDEP HS CTD Data
- 2012 NYCDEP HS YSI Field Data
- Surface Average
- Bottom Average
- Bottom Minimum

YR1
PB with Tank

DATE: 7/02/2013 TIME: 12: 0:22

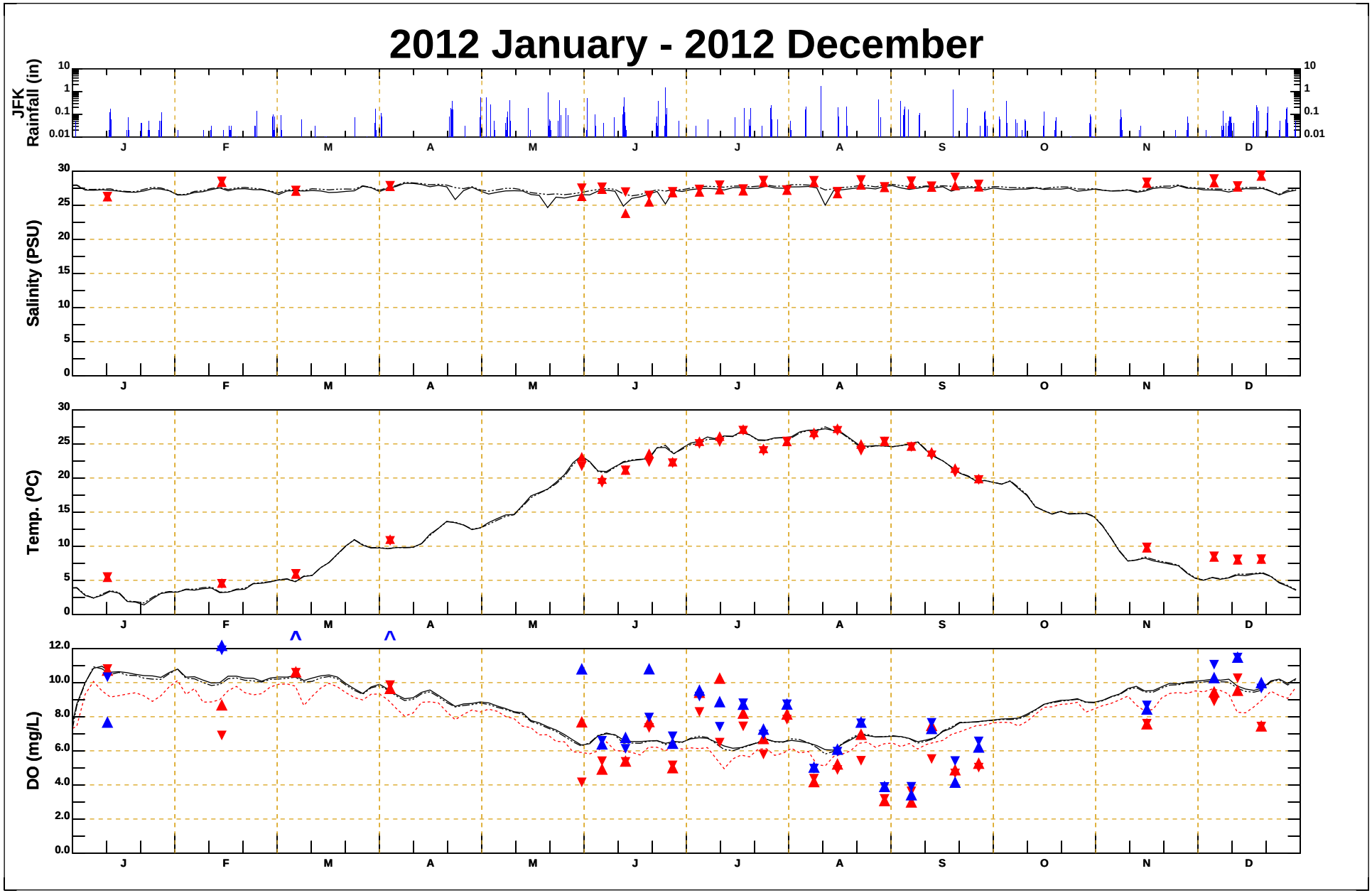


2012,Paerdegat Basin PB3, Cell (35,63)
(Paerdegat Basin with Tank)

- 2012 NYCDEP HS Winkler
- 2012 NYCDEP HS CTD Data
- 2012 NYCDEP HS YSI Field Data
- Surface Average
- Bottom Average
- Bottom Minimum

YR1
PB with Tank

DATE: 7/02/2013 TIME: 12: 0:32



2012,Jamaica Bay J10, Cell (36,56)
(Paerdegat Basin with Tank)

- 2012 NYCDEP HS Winkler
- 2012 NYCDEP HS CTD Data
- 2012 NYCDEP HS YSI Field Data
- Surface Average
- Bottom Average
- Bottom Minimum

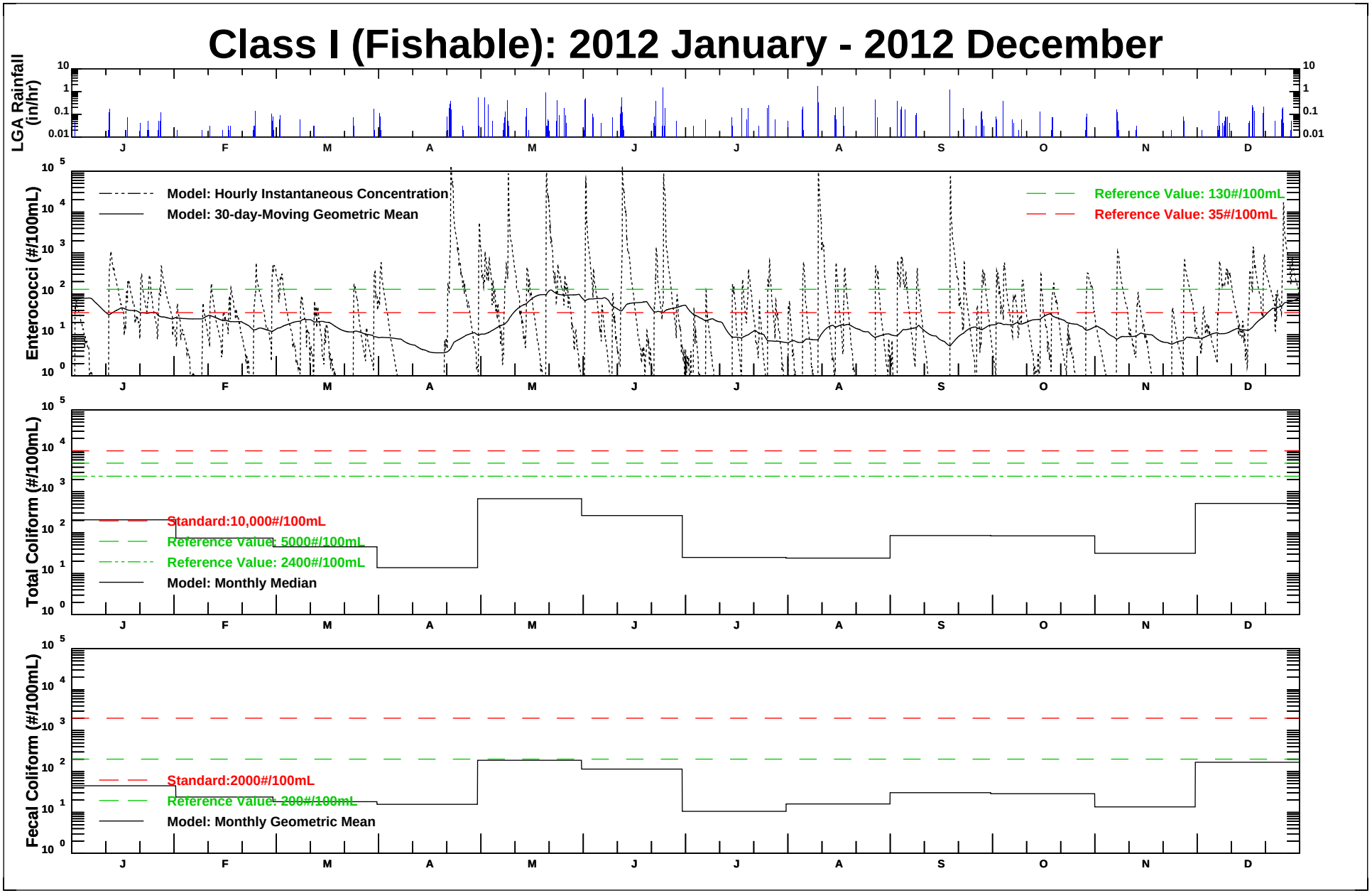
YR1
PB with Tank

DATE: 7/02/2013 TIME: 12: 0:40

APPENDIX P

PAERDEGAT BASIN-JAMAICA BAY PATHOGEN ASSESSMENT COMPARISON OF CALCULATED MONTHLY GEOMETRIC MEAN BACTERIA CONCENTRATIONS WITH AND WITHOUT THE CSO RETENTION FACILITY, 2012 CONDITIONS

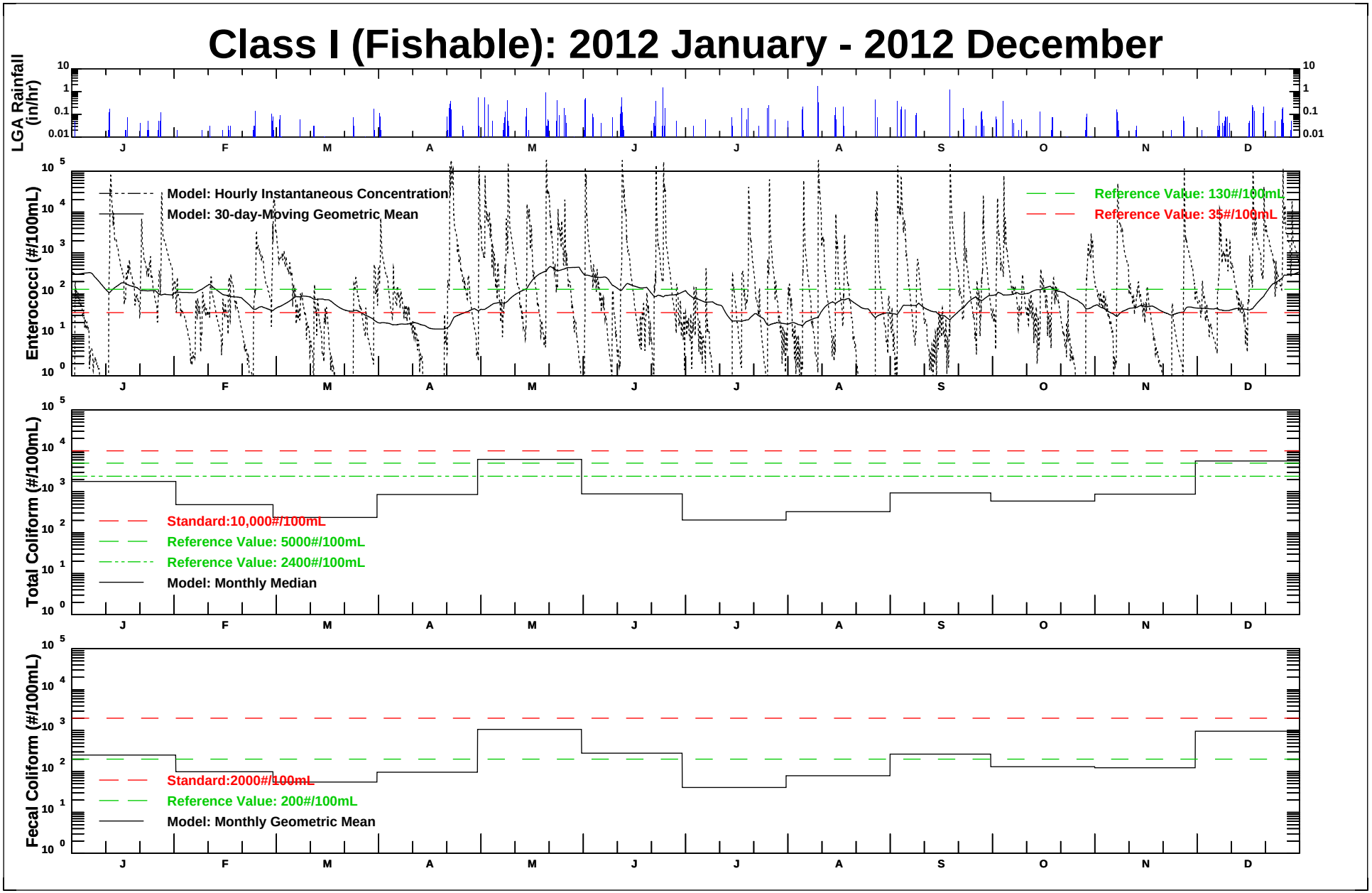
Class I (Fishable): 2012 January - 2012 December



2012, Paerdegat Basin Station PB2 , Cell (35,69)
(Paerdegat Basin with Tank)

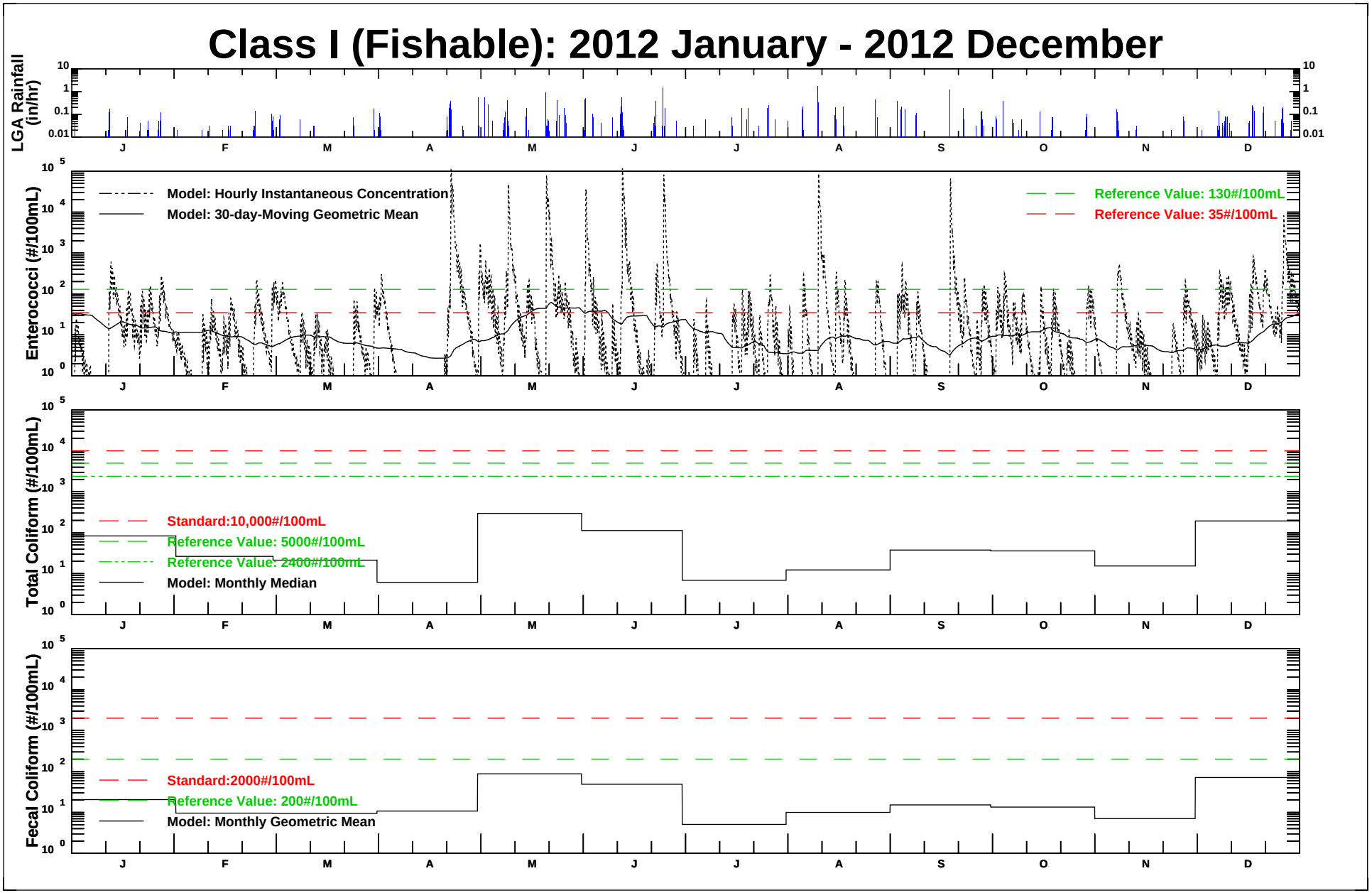
DATE: 7/03/2013 TIME: 16:54:37

Class I (Fishable): 2012 January - 2012 December



2012, Paerdegat Basin Station PB2 , Cell (35,69)
(Paerdegat Basin without Tank)

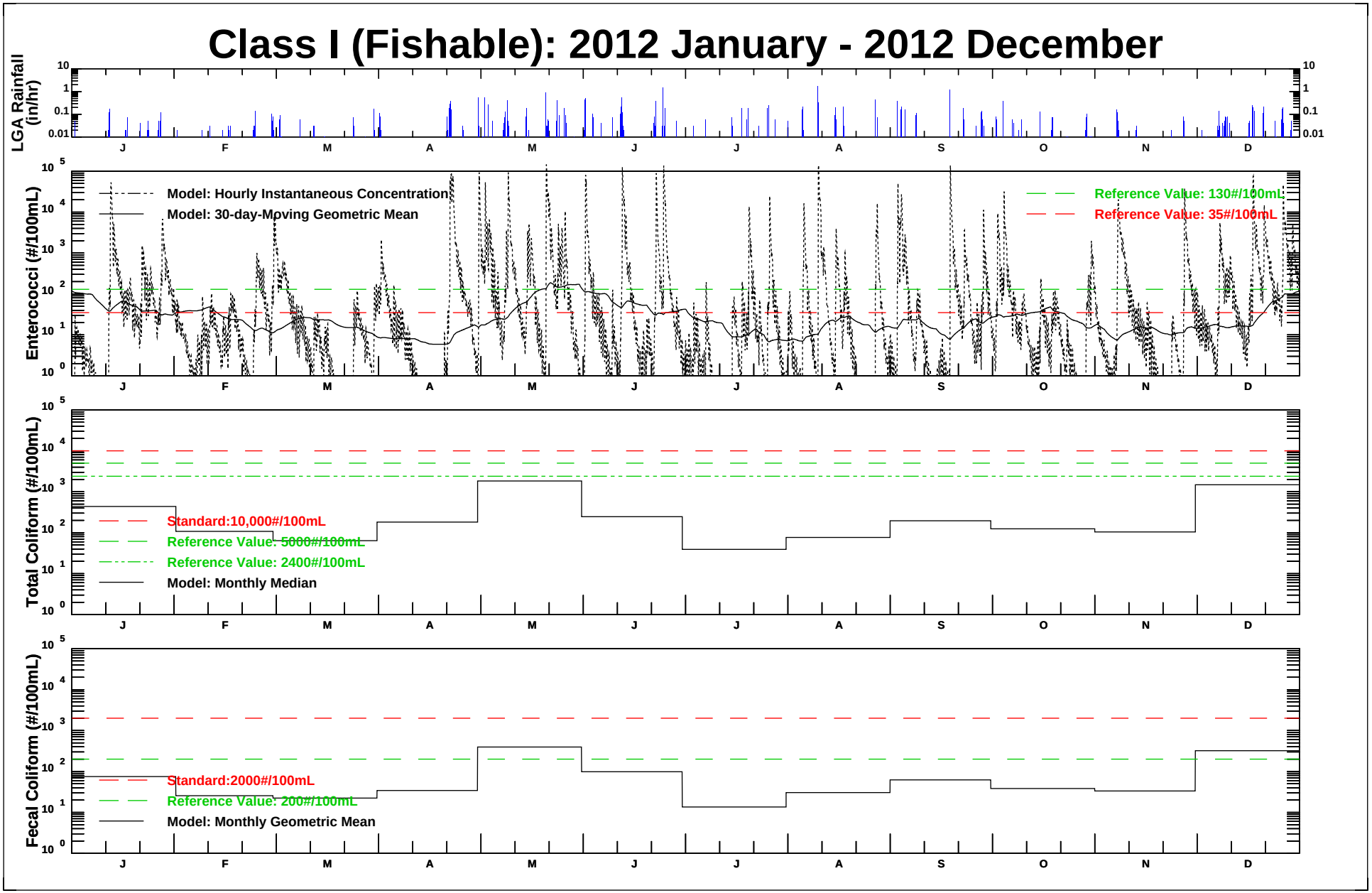
DATE: 7/03/2013 TIME: 16:55:42



2012, Paerdegat Basin Station PB3 , Cell (35,62)
(Paerdegat Basin with Tank)

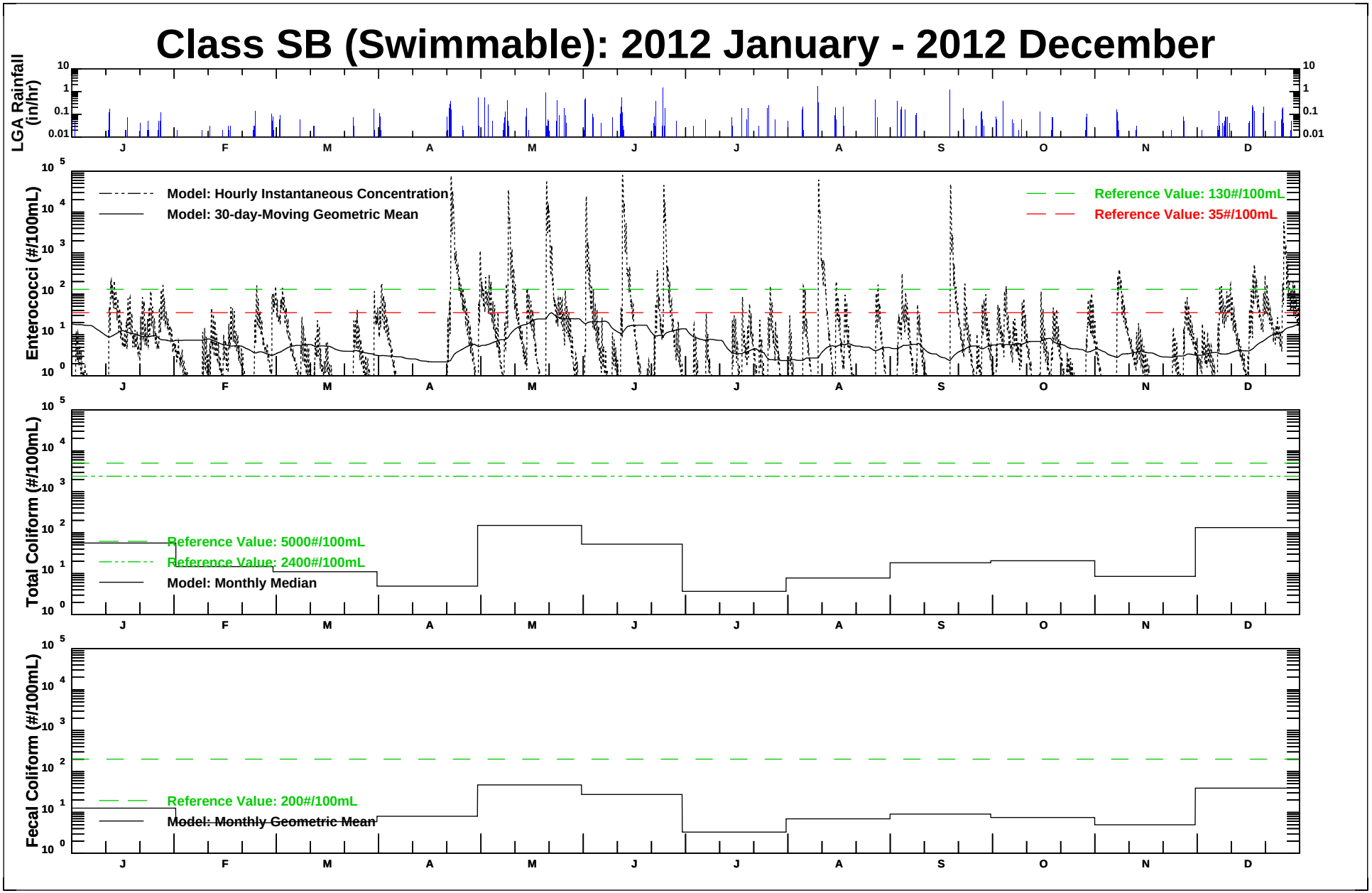
DATE: 7/03/2013 TIME: 16:54:40

Class I (Fishable): 2012 January - 2012 December



2012, Paerdegat Basin Station PB3 , Cell (35,62)
(Paerdegat Basin without Tank)

DATE: 7/03/2013 TIME: 16:55:44



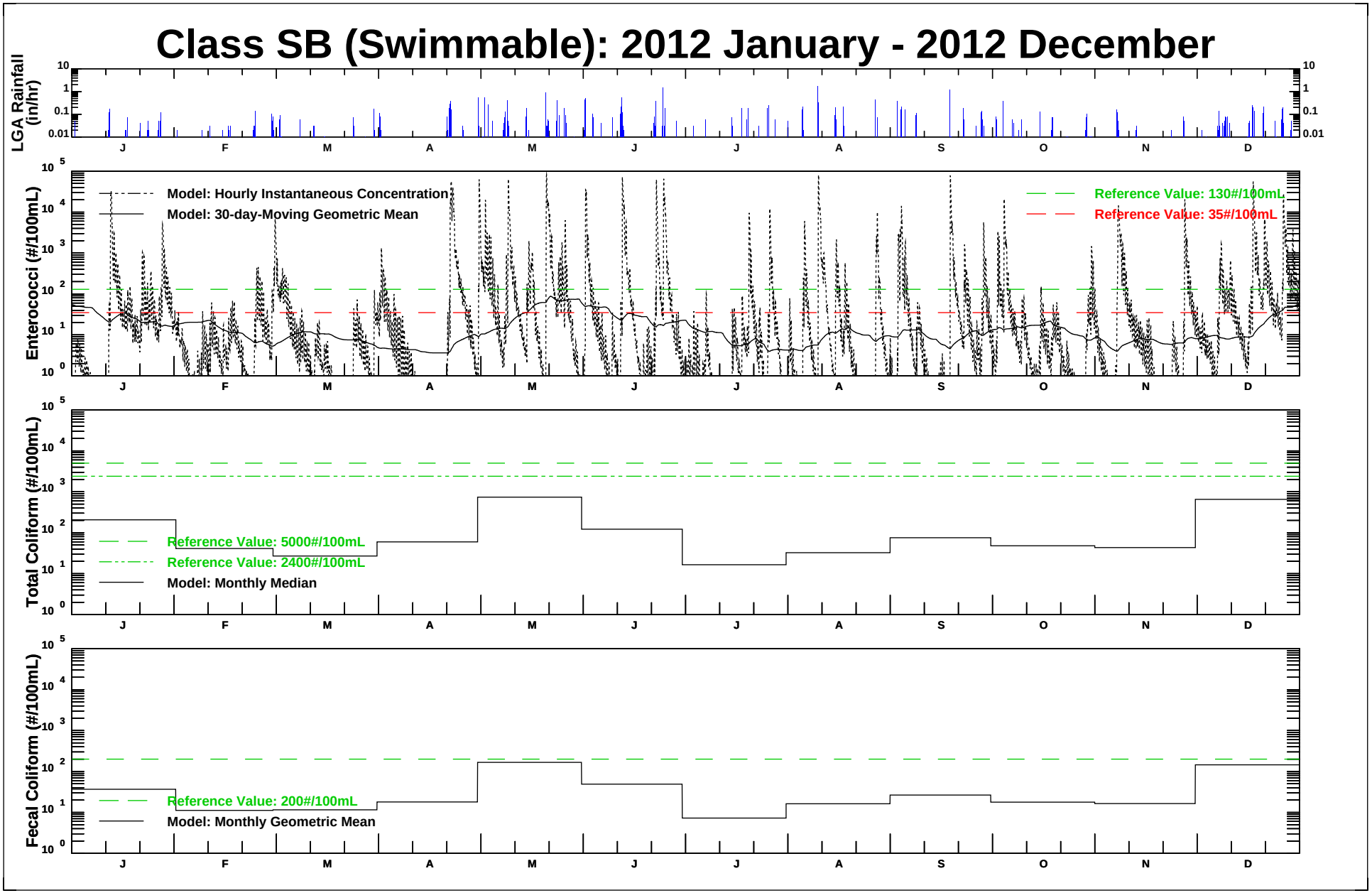
2012, Jamaica Bay Station J10 , Cell (35,58)
(Paerdegat Basin with Tank)

Based on Hourly Maximum

B

DATE: 7/03/2013 TIME: 16:54:46

Class SB (Swimmable): 2012 January - 2012 December



2012, Jamaica Bay Station J10 , Cell (35,58)
(Paerdegat Basin without Tank)

Based on Hourly Maximum

B

DATE: 7/03/2013 TIME: 16:55:50

APPENDIX Q

STORM-EVENT STATISTICS, 2012

JFK AIRPORT STORM-EVENT STATISTICS* FOR 2012

STORM No.	START DATE	START HOUR	DUR-ATION (hrs)	TOTAL VOLUME (in)	AVE INTEN (in/hr)	MAX INTEN (in/hr)	DELTA (hrs)
1	1/1/2012	21	2	0.07	0.04	0.05	0.0
2	1/11/2012	23	12	1.02	0.09	0.17	247.0
3	1/17/2012	1	4	0.05	0.01	0.02	118.0
4	1/17/2012	12	5	0.18	0.04	0.07	11.5
5	1/21/2012	5	10	0.17	0.02	0.04	91.5
6	1/23/2012	11	14	0.23	0.02	0.05	56.0
7	1/26/2012	15	10	0.18	0.02	0.05	74.0
8	1/27/2012	5	9	0.29	0.03	0.12	13.5
9	2/1/2012	6	3	0.03	0.01	0.02	118.0
10	2/8/2012	19	4	0.04	0.01	0.02	181.5
11	2/11/2012	3	8	0.12	0.02	0.03	58.0
12	2/14/2012	22	5	0.04	0.01	0.02	89.5
13	2/16/2012	14	8	0.12	0.02	0.03	41.5
14	2/17/2012	7	3	0.04	0.01	0.03	14.5
15	2/18/2012	21	1	0.01	0.01	0.01	37.0
16	2/24/2012	3	9	0.13	0.01	0.03	130.0
17	2/24/2012	17	5	0.24	0.05	0.14	12.0
18	2/29/2012	12	17	0.60	0.04	0.10	121.0
19	3/2/2012	22	7	0.27	0.04	0.09	53.0
20	3/3/2012	10	2	0.02	0.01	0.01	9.5
21	3/9/2012	3	2	0.07	0.04	0.06	137.0
22	3/13/2012	4	6	0.08	0.01	0.03	99.0
23	3/16/2012	5	1	0.01	0.01	0.01	70.5
24	3/16/2012	10	1	0.01	0.01	0.01	5.0
25	3/24/2012	22	4	0.15	0.04	0.07	205.5
26	3/25/2012	15	1	0.01	0.01	0.01	15.5
27	3/28/2012	14	1	0.01	0.01	0.01	71.0
28	3/30/2012	24	10	0.39	0.04	0.17	62.5
29	4/1/2012	17	10	0.40	0.04	0.11	41.0
30	4/21/2012	1	1	0.01	0.01	0.01	459.5
31	4/21/2012	23	3	0.11	0.04	0.08	23.0
32	4/22/2012	12	18	2.39	0.13	0.38	20.5
33	4/26/2012	15	5	0.06	0.01	0.03	92.5
34	5/1/2012	5	4	0.94	0.24	0.54	109.5
35	5/2/2012	9	1	0.01	0.01	0.01	26.5
36	5/2/2012	14	2	0.02	0.01	0.01	5.5
37	5/3/2012	2	3	0.65	0.22	0.53	12.5
38	5/4/2012	5	3	0.28	0.09	0.26	27.0
39	5/5/2012	10	4	0.07	0.02	0.05	29.5
40	5/8/2012	17	17	0.50	0.03	0.13	85.5
41	5/9/2012	22	9	1.21	0.13	0.42	25.0
42	5/15/2012	7	9	0.57	0.06	0.18	129.0
43	5/16/2012	4	1	0.02	0.02	0.02	17.0
44	5/21/2012	7	26	1.92	0.07	0.93	135.5
45	5/24/2012	4	1	0.01	0.01	0.01	56.5
46	5/24/2012	11	1	0.05	0.05	0.05	7.0
47	5/24/2012	19	1	0.40	0.40	0.40	8.0
48	5/25/2012	8	1	0.09	0.09	0.09	13.0
49	5/26/2012	18	1	0.19	0.19	0.19	34.0
50	5/27/2012	8	2	0.13	0.07	0.09	14.5
51	5/27/2012	23	1	0.01	0.01	0.01	14.5
52	5/29/2012	21	1	0.01	0.01	0.01	46.0
53	6/1/2012	20	7	1.26	0.18	0.52	74.0
54	6/4/2012	8	5	0.22	0.04	0.10	59.0
55	6/6/2012	20	1	0.04	0.04	0.04	58.0
56	6/10/2012	1	3	0.08	0.03	0.07	78.0
57	6/12/2012	12	28	2.45	0.09	0.54	71.5
58	6/22/2012	14	15	0.84	0.06	0.38	235.5
59	6/24/2012	24	1	0.03	0.03	0.03	51.0
60	6/25/2012	6	4	1.67	0.42	1.52	7.5
61	6/25/2012	17	3	0.23	0.08	0.18	10.5
62	6/29/2012	5	2	0.06	0.03	0.05	83.5

JFK AIRPORT STORM-EVENT STATISTICS* FOR 2012

STORM No.	START DATE	START HOUR	DUR-ATION (hrs)	TOTAL VOLUME (in)	AVE INTEN (in/hr)	MAX INTEN (in/hr)	DELTA (hrs)
63	7/4/2012	7	2	0.04	0.02	0.03	122.0
64	7/7/2012	23	2	0.07	0.04	0.06	88.0
65	7/15/2012	21	4	0.16	0.04	0.07	191.0
66	7/18/2012	17	2	0.21	0.11	0.19	67.0
67	7/20/2012	4	5	0.10	0.02	0.06	36.5
68	7/20/2012	14	3	0.35	0.12	0.19	9.0
69	7/23/2012	16	1	0.01	0.01	0.01	73.0
70	7/23/2012	21	2	0.04	0.02	0.03	5.5
71	7/26/2012	10	1	0.18	0.18	0.18	60.5
72	7/26/2012	20	2	0.31	0.16	0.25	10.5
73	7/28/2012	14	4	0.07	0.02	0.06	43.0
74	8/1/2012	13	2	0.07	0.04	0.05	94.0
75	8/5/2012	20	7	0.41	0.06	0.21	105.5
76	8/10/2012	11	4	2.12	0.53	1.76	109.5
77	8/15/2012	15	6	0.44	0.07	0.20	125.0
78	8/18/2012	1	9	0.37	0.04	0.22	59.5
79	8/27/2012	13	2	0.52	0.26	0.45	224.5
80	8/28/2012	5	3	0.10	0.03	0.07	16.5
81	9/3/2012	2	4	0.58	0.15	0.37	141.5
82	9/3/2012	19	1	0.01	0.01	0.01	15.5
83	9/4/2012	2	4	0.37	0.09	0.16	8.5
84	9/4/2012	11	2	0.23	0.12	0.21	8.0
85	9/4/2012	17	2	0.02	0.01	0.01	6.0
86	9/5/2012	12	1	0.16	0.16	0.16	18.5
87	9/8/2012	11	1	0.01	0.01	0.01	71.0
88	9/8/2012	18	6	0.29	0.05	0.11	9.5
89	9/18/2012	20	8	1.59	0.20	1.19	243.0
90	9/22/2012	21	4	0.29	0.07	0.18	95.0
91	9/26/2012	18	1	0.03	0.03	0.03	91.5
92	9/28/2012	4	10	0.43	0.04	0.14	38.5
93	9/28/2012	24	2	0.04	0.02	0.03	16.0
94	10/2/2012	13	8	0.33	0.04	0.08	88.0
95	10/4/2012	18	2	0.41	0.21	0.37	50.0
96	10/7/2012	12	2	0.07	0.04	0.06	66.0
97	10/7/2012	20	3	0.09	0.03	0.04	8.5
98	10/9/2012	9	4	0.03	0.01	0.02	37.5
99	10/10/2012	1	9	0.22	0.02	0.06	18.5
100	10/15/2012	17	3	0.18	0.06	0.13	133.0
101	10/18/2012	24	14	0.30	0.02	0.07	84.5
102	10/23/2012	14	1	0.01	0.01	0.01	103.5
103	10/23/2012	22	2	0.02	0.01	0.01	8.5
104	10/29/2012	7	13	0.51	0.04	0.10	134.5
105	10/30/2012	11	1	0.01	0.01	0.01	22.0
106	10/30/2012	17	3	0.03	0.01	0.01	7.0
107	10/31/2012	1	1	0.01	0.01	0.01	7.0
108	11/7/2012	11	16	1.01	0.06	0.16	185.5
109	11/13/2012	6	1	0.02	0.02	0.02	131.5
110	11/13/2012	12	4	0.06	0.02	0.03	7.5
111	11/23/2012	23	3	0.04	0.01	0.02	250.5
112	11/27/2012	9	10	0.43	0.04	0.08	85.5
113	12/2/2012	22	2	0.04	0.02	0.02	129.0
114	12/4/2012	7	2	0.02	0.01	0.01	33.0
115	12/7/2012	12	18	0.43	0.02	0.14	85.0
116	12/8/2012	24	2	0.05	0.03	0.04	28.0
117	12/9/2012	13	16	0.41	0.03	0.08	20.0
118	12/10/2012	12	5	0.15	0.03	0.08	17.5
119	12/11/2012	6	2	0.05	0.03	0.04	16.5
120	12/16/2012	14	18	0.28	0.02	0.05	136.0
121	12/17/2012	22	8	0.81	0.10	0.24	27.0
122	12/18/2012	17	1	0.14	0.14	0.14	15.5
123	12/21/2012	3	8	0.71	0.09	0.22	61.5
124	12/24/2012	20	4	0.09	0.02	0.05	87.0
125	12/25/2012	4	3	0.02	0.01	0.01	7.5
126	12/26/2012	16	19	1.48	0.08	0.20	44.0
127	12/29/2012	12	9	0.26	0.03	0.05	63.0
				39.85			

Statistics generated using EPA's SYNOP program with minimum inter-event time of 4-hrs and zero minimum storm size.

LAGUARDIA AIRPORT STORM-EVENT STATISTICS FOR 2012

STORM No.	START DATE	START HOUR	DUR-ATION (hrs)	TOTAL VOLUME (in)	AVE INTEN (in/hr)	MAX INTEN (in/hr)	DELTA (hrs)
1	1/1/2012	21	1	0.06	0.06	0.06	0.0
2	1/11/2012	23	15	1.04	0.07	0.14	249.0
3	1/13/2012	2	1	0.02	0.02	0.02	20.0
4	1/16/2012	24	7	0.07	0.01	0.02	97.0
5	1/17/2012	12	5	0.14	0.03	0.05	11.0
6	1/21/2012	4	10	0.30	0.03	0.06	90.5
7	1/23/2012	11	14	0.28	0.02	0.07	57.0
8	1/26/2012	3	2	0.03	0.02	0.02	58.0
9	1/26/2012	17	8	0.18	0.02	0.04	17.0
10	1/27/2012	8	6	0.39	0.07	0.17	14.0
11	2/1/2012	7	2	0.03	0.02	0.02	117.0
12	2/8/2012	23	1	0.01	0.01	0.01	183.5
13	2/11/2012	4	7	0.07	0.01	0.02	56.0
14	2/14/2012	22	1	0.02	0.02	0.02	87.0
15	2/15/2012	11	1	0.01	0.01	0.01	13.0
16	2/16/2012	13	10	0.15	0.02	0.03	30.5
17	2/17/2012	4	4	0.02	0.01	0.01	12.0
18	2/18/2012	20	1	0.02	0.02	0.02	38.5
19	2/24/2012	4	18	0.60	0.03	0.21	136.5
20	2/29/2012	13	22	0.50	0.02	0.10	131.0
21	3/2/2012	22	5	0.26	0.05	0.07	48.5
22	3/3/2012	8	4	0.05	0.01	0.02	9.5
23	3/9/2012	2	1	0.02	0.02	0.02	136.5
24	3/13/2012	4	2	0.05	0.03	0.04	98.5
25	3/16/2012	5	1	0.02	0.02	0.02	72.5
26	3/16/2012	11	1	0.01	0.01	0.01	6.0
27	3/24/2012	23	2	0.02	0.01	0.01	204.5
28	3/28/2012	13	1	0.01	0.01	0.01	85.5
29	3/28/2012	21	1	0.02	0.02	0.02	8.0
30	3/30/2012	23	12	0.45	0.04	0.23	55.5
31	4/1/2012	17	9	0.60	0.07	0.21	40.5
32	4/18/2012	23	4	0.05	0.01	0.02	411.5
33	4/21/2012	23	3	0.37	0.12	0.23	71.5
34	4/22/2012	11	21	2.11	0.10	0.28	21.0
35	4/26/2012	16	2	0.03	0.02	0.02	91.5
36	4/27/2012	1	1	0.02	0.02	0.02	8.5
37	5/1/2012	5	4	0.73	0.18	0.46	101.5
38	5/2/2012	9	6	0.03	0.01	0.01	29.0
39	5/3/2012	2	2	0.32	0.16	0.28	15.0
40	5/4/2012	5	2	0.26	0.13	0.25	27.0
41	5/8/2012	20	14	0.34	0.02	0.10	117.0
42	5/9/2012	23	7	0.29	0.04	0.11	23.5
43	5/14/2012	15	1	0.01	0.01	0.01	109.0
44	5/15/2012	11	5	0.46	0.09	0.19	22.0
45	5/16/2012	3	4	0.06	0.02	0.03	15.5
46	5/21/2012	9	22	1.24	0.06	0.45	135.0
47	5/23/2012	6	1	0.01	0.01	0.01	34.5
48	5/24/2012	5	1	0.02	0.02	0.02	23.0
49	5/24/2012	11	4	0.43	0.11	0.24	7.5
50	5/24/2012	19	4	0.08	0.02	0.05	8.0
51	5/26/2012	17	1	0.26	0.26	0.26	44.5
52	5/27/2012	7	1	0.04	0.04	0.04	14.0
53	5/29/2012	21	2	0.09	0.05	0.07	62.5
54	6/1/2012	24	9	1.11	0.12	0.45	78.5
55	6/3/2012	18	1	0.01	0.01	0.01	38.0
56	6/4/2012	9	4	0.26	0.07	0.12	16.5
57	6/7/2012	18	2	0.10	0.05	0.08	80.0
58	6/10/2012	3	1	0.02	0.02	0.02	56.5
59	6/12/2012	12	16	1.46	0.09	0.40	64.5
60	6/13/2012	12	1	0.04	0.04	0.04	16.5
61	6/22/2012	14	14	0.67	0.05	0.28	224.5
62	6/24/2012	23	1	0.05	0.05	0.05	50.5
63	6/25/2012	8	2	0.05	0.03	0.04	9.5
64	6/25/2012	16	3	0.23	0.08	0.20	8.5
65	6/29/2012	5	1	0.19	0.19	0.19	84.0

LAGUARDIA AIRPORT STORM-EVENT STATISTICS FOR 2012

STORM No.	START DATE	START HOUR	DUR-ATION (hrs)	TOTAL VOLUME (in)	AVE INTEN (in/hr)	MAX INTEN (in/hr)	DELTA (hrs)
66	7/4/2012	6	2	0.05	0.03	0.04	121.5
67	7/7/2012	23	3	0.31	0.10	0.19	89.5
68	7/15/2012	21	2	0.35	0.18	0.32	189.5
69	7/18/2012	15	4	1.83	0.46	1.36	67.0
70	7/19/2012	13	1	0.01	0.01	0.01	20.5
71	7/20/2012	5	12	0.47	0.04	0.21	21.5
72	7/23/2012	15	1	0.01	0.01	0.01	76.5
73	7/23/2012	20	2	0.06	0.03	0.05	5.5
74	7/26/2012	9	2	0.06	0.03	0.04	61.0
75	7/26/2012	19	3	0.36	0.12	0.23	10.5
76	7/28/2012	16	2	0.26	0.13	0.16	44.5
77	8/1/2012	7	2	0.25	0.13	0.24	87.0
78	8/1/2012	13	3	0.14	0.05	0.08	6.5
79	8/5/2012	20	8	0.30	0.04	0.26	105.5
80	8/10/2012	12	2	0.31	0.16	0.19	109.0
81	8/14/2012	12	1	0.05	0.05	0.05	95.5
82	8/15/2012	13	8	0.62	0.08	0.23	28.5
83	8/18/2012	1	9	0.38	0.04	0.14	60.5
84	8/27/2012	12	2	0.77	0.39	0.66	223.5
85	8/28/2012	5	3	0.13	0.04	0.11	17.5
86	9/4/2012	1	1	0.01	0.01	0.01	163.0
87	9/4/2012	11	11	0.13	0.01	0.04	15.0
88	9/5/2012	2	1	0.02	0.02	0.02	10.0
89	9/5/2012	9	4	0.46	0.12	0.45	8.5
90	9/8/2012	9	3	0.94	0.31	0.89	71.5
91	9/8/2012	18	5	0.24	0.05	0.20	10.0
92	9/18/2012	5	6	0.35	0.06	0.14	227.5
93	9/18/2012	19	4	1.27	0.32	0.91	13.0
94	9/22/2012	21	3	0.18	0.06	0.14	97.5
95	9/27/2012	5	1	0.03	0.03	0.03	103.0
96	9/28/2012	3	10	1.32	0.13	0.55	26.5
97	9/30/2012	14	1	0.11	0.11	0.11	54.5
98	10/2/2012	12	10	0.39	0.04	0.09	50.5
99	10/7/2012	11	11	0.19	0.02	0.07	119.5
100	10/9/2012	7	2	0.06	0.03	0.05	39.5
101	10/10/2012	3	6	0.21	0.04	0.05	22.0
102	10/15/2012	17	3	0.28	0.09	0.15	132.5
103	10/19/2012	1	13	0.65	0.05	0.17	85.0
104	10/23/2012	21	1	0.02	0.02	0.02	110.0
105	10/24/2012	10	1	0.01	0.01	0.01	13.0
106	10/29/2012	8	5	0.05	0.01	0.03	120.0
107	11/7/2012	12	16	0.88	0.06	0.16	225.5
108	11/13/2012	8	1	0.01	0.01	0.01	132.5
109	11/23/2012	22	2	0.03	0.02	0.02	254.5
110	11/27/2012	9	9	0.43	0.05	0.10	86.5
111	12/2/2012	22	1	0.03	0.03	0.03	129.0
112	12/4/2012	7	3	0.05	0.02	0.02	34.0
113	12/5/2012	3	1	0.01	0.01	0.01	19.0
114	12/7/2012	12	9	0.10	0.01	0.02	61.0
115	12/8/2012	1	3	0.31	0.10	0.13	10.0
116	12/8/2012	23	3	0.06	0.02	0.03	22.0
117	12/9/2012	13	16	0.32	0.02	0.16	20.5
118	12/11/2012	7	1	0.01	0.01	0.01	34.5
119	12/16/2012	14	18	0.47	0.03	0.12	135.5
120	12/17/2012	22	8	0.76	0.10	0.36	27.0
121	12/18/2012	17	1	0.01	0.01	0.01	15.5
122	12/20/2012	24	11	0.85	0.08	0.16	60.0
123	12/24/2012	20	11	0.14	0.01	0.03	92.0
124	12/26/2012	17	18	0.92	0.05	0.15	48.5
125	12/29/2012	13	9	0.26	0.03	0.08	63.5
				36.18			

Statistics generated using EPA's SYNOP program with minimum inter-event time of 4-hrs and zero minimum storm size.

APPENDIX R

CSO RETENTION FACILITY
MONTHLY OPERATION REPORTS, 2012

SPRING CREEK CSO RETENTION FACILITY
MONTHLY OPERATION REPORTS, 2012

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF: **January 2012**

DESIGN STORM: 2.5 in / 17 hr

MINIMUM DESIGN STORAGE VOLUME: 19.3 MG Total (Basins: 9.9 MG, Inf. Barrels: 9.4 MG)

SPDES PERMIT No. NY-0026212

FACILITY NAME: Spring Creek AWPCP

FACILITY OWNER: New York City Department of Environmental Protection

FACILITY LOCATION: 127-20 Flatlands Ave, Brooklyn, NY 11208

Date	Precipitation Daily Totals		Overflow Events: Time & Volume			Volume in Storage at 12AM	Estimated I & I Volume	Estimated Retained Volume	Gravity Drained Volume	CSO or I&I Volume Pumped to 26W	Wash Water Volume Pumped to 26W	BOD5 Average per Oveflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Hours	Inches	Start	End	MG	MG	MG	MG	MG	MG	MG	mg/l	mg/l	ml/l	mg/l	No./100 ml	cu. yds.	Y / N
1/1/12	2	0.07				1.2	0.5											7am - 3pm
1/2/12						1.7	0.3			1.5								7am - 3pm
1/3/12						0.5	0.5											7am - 3pm
1/4/12						1.1	0.2											7am - 3pm
1/5/12						1.2	0.3											7am - 3pm
1/6/12						1.5	0.3											7am - 3pm
1/7/12						1.8	0.4											7am - 3pm
1/8/12						2.2	0.4											7am - 3pm
1/9/12						2.6	0.1			2.1								7am - 3pm
1/10/12						0.6	0.5				1.3							7am - 3pm
1/11/12	2	0.12				1.1	0.6				1.7							7am - 3pm
1/12/12	10	0.9				1.8	0.4	13.2	10.4									7am - 3pm
1/13/12						5.0	0.0		1.5	2.9							10	7am - 3pm
1/14/12						0.6	0.3											7am - 3pm
1/15/12						0.9	0.4											7am - 3pm
1/16/12						1.3	0.1											7am - 3pm
1/17/12	8	0.23				1.4	0.9											7am - 3pm
1/18/12						2.3	0.5			2.1							20	7am - 3pm
1/19/12						0.7	0.3											7am - 3pm
1/20/12						1.0	0.5										20	7am - 3pm
1/21/12	8	0.17				1.5	0.4											7am - 3pm
1/22/12						1.9	0.4											7am - 3pm
1/23/12	13	0.23				2.3	0.5											7am - 3pm
1/24/12						2.7	0.2			2.4								7am - 3pm
1/25/12						0.5	0.6				1.4						20	7am - 3pm
1/26/12	8	0.18				1.1	0.9				1.5							7am - 3pm
1/27/12	7	0.29				2.0	0.9	9.0	8.1									7am - 3pm
1/28/12						3.9	0.0		0.4	3.0								7am - 3pm
1/29/12						0.4	0.4											7am - 3pm
1/30/12						0.8	0.4										20	7am - 3pm
1/31/12						1.1	0.1			0.8								7am - 3pm
Monthly Totals		2.19			0.0		12.2	22.2	20.3	14.7	5.9						90	

REMARKS:

1. Facility Manned: Facility is manned daily from 7am to 3pm. Staff may be required to work overtime to complete pump-back or cleaning operations.
2. I& I Volume: The I&I volume is calculated by observing basin trends throughout the month. All increases in basin elevation during dry weather are reported as I&I. Note: Starting December 2008, the Influent Barrel volume is included in the reported I&I volumes.
3. Retained Volume: The retained volume is calculated by observing basin trends throughout the month. All increases in basin elevation due to wet weather constitute retained volume and is calculated as such, minus volumes that were part of an overflow event. Note: Starting December 2008, the Influent Barrel volume is included in the reported retained volumes.
4. Gravity Drained Volume: The gravity drained volume is calculated by observing basin trends throughout the month. Volumes are determined by decreases in basin elevation which occur above -7.5' excluding periods when effluent gates are open. Starting December 2008, the gravity drained volume includes the calculated volume stored in the influent barrels.
5. Wash Water Volume Pumped to 26th Ward: The wash water volume is calculated by observing spray water flow totalizers and the operator's logs.
6. CSO or I&I Volume Pumped Back to 26th Ward: This volume is calculated by observing basin trends, the dewatering pump force main flow totalizer, and operators' logs.
7. Overflow Volume: Flows are calculated by the algorithms supplied to the NYSDEC on February 11, 2008 for free fall and submerged weir overflows. An overflow event starts when flow commences discharging to the waterbody and ends when the discharge ceases.
8. Precipitation: Daily rainfall data obtained for JFK Airport from the National Oceanic & Atmospheric Administration website (ols.nndc.noaa.gov). NOTE: Hours of precipitation are not necessarily consecutive.
9.
10

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative. Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF: **February 2012**

DESIGN STORM: 2.5 in / 17 hr

MINIMUM DESIGN STORAGE VOLUME: 19.3 MG Total (Basins: 9.9 MG, Inf. Barrels: 9.4 MG)

SPDES PERMIT No. NY-0026212

FACILITY NAME: Spring Creek AWPCP

FACILITY OWNER: New York City Department of Environmental Protection

FACILITY LOCATION: 127-20 Flatlands Ave, Brooklyn, NY 11208

Date	Precipitation Daily Totals		Overflow Events: Time & Volume			Volume in Storage at 12AM	Estimated I & I Volume	Estimated Retained Volume	Gravity Drained Volume	CSO or I&I Volume Pumped to 26W	Wash Water Volume Pumped to 26W	BOD5 Average per Oveflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Hours	Inches	Start	End	MG	MG	MG	MG	MG	MG	MG	mg/l	mg/l	ml/l	mg/l	No./100 ml	cu. yds.	Y / N
2/1/12	2	0.03				0.5	0.3											7am - 3pm
2/2/12						0.7	0.5											7am - 3pm
2/3/12						1.3	0.3											7am - 3pm
2/4/12						1.6	0.4											7am - 3pm
2/5/12						2.0	0.2			1.7								7am - 3pm
2/6/12						0.5	0.2											7am - 3pm
2/7/12						0.7	0.7				1.7							7am - 3pm
2/8/12	3	0.04				1.3	0.8				1.8							7am - 3pm
2/9/12						2.1	0.4			1.4	0.5							7am - 3pm
2/10/12						1.1	0.4											7am - 3pm
2/11/12	7	0.12				1.5	1.0											7am - 3pm
2/12/12						2.5	0.4											7am - 3pm
2/13/12						2.9	0.0			2.3								7am - 3pm
2/14/12	1	0.01				0.4	0.3											7am - 3pm
2/15/12	1	0.01				0.7	1.8											7am - 3pm
2/16/12	6	0.12				2.4	0.1										10	7am - 3pm
2/17/12	2	0.04				2.5	0.0										20	7am - 3pm
2/18/12	1	0.01				2.5	0.1											7am - 3pm
2/19/12						2.5	0.2			2.2	0.8							7am - 3pm
2/20/12						0.5	0.3											7am - 3pm
2/21/12						0.8	0.3										20	7am - 3pm
2/22/12						1.1	0.3				3.9							7am - 3pm
2/23/12						1.4	0.0				1.9						10	7am - 3pm
2/24/12	13	0.37				1.4	2.0											7am - 3pm
2/25/12						3.3	0.0											7am - 3pm
2/26/12						3.2	0.1			2.8								7am - 3pm
2/27/12						0.5	0.1											7am - 3pm
2/28/12						0.6	0.4											7am - 3pm
2/29/12	10	0.49				1.0	2.5											7am - 3pm
Monthly Totals		1.24			0.0		13.8	0.0	0.0	10.3	10.5						60	

REMARKS:

1. Facility Manned: Facility is manned daily from 7am to 3pm. Staff may be required to work overtime to complete pump-back or cleaning operations.
2. I& I Volume: The I&I volume is calculated by observing basin trends throughout the month. All increases in basin elevation during dry weather are reported as I&I. Note: Starting December 2008, the Influent Barrel volume is included in the reported I&I volumes.
3. Retained Volume: The retained volume is calculated by observing basin trends throughout the month. All increases in basin elevation due to wet weather constitute retained volume and is calculated as such, minus volumes that were part of an overflow event. Note: Starting December 2008, the Influent Barrel volume is included in the reported retained volumes.
4. Gravity Drained Volume: The gravity drained volume is calculated by observing basin trends throughout the month. Volumes are determined by decreases in basin elevation which occur above -7.5' excluding periods when effluent gates are open. Starting December 2008, the gravity drained volume includes the calculated volume stored in the influent barrels.
5. Wash Water Volume Pumped to 26th Ward: The wash water volume is calculated by observing spray water flow totalizers and the operator's logs.
6. CSO or I&I Volume Pumped Back to 26th Ward: This volume is calculated by observing basin trends, the dewatering pump force main flow totalizer, and operators' logs.
7. Overflow Volume: Flows are calculated by the algorithms supplied to the NYSDEC on February 11, 2008 for free fall and submerged weir overflows. An overflow event starts when flow commences discharging to the waterbody and ends when the discharge ceases.
8. Precipitation: Daily rainfall data obtained for JFK Airport from the National Oceanic & Atmospheric Administration website (ols.nndc.noaa.gov). NOTE: Hours of precipitation are not necessarily consecutive.
9.

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

ORIGINAL SIGNED BY - Signature of Chief Operator or Designated Facility Representative.

ORIGINAL DATED - Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF: **March 2012**

DESIGN STORM: 2.5 in / 17 hr

MINIMUM DESIGN STORAGE VOLUME: 19.3 MG Total (Basins: 9.9 MG, Inf. Barrels: 9.4 MG)

SPDES PERMIT No. NY-0026212

FACILITY NAME: Spring Creek AWPCP

FACILITY OWNER: New York City Department of Environmental Protection

FACILITY LOCATION: 127-20 Flatlands Ave, Brooklyn, NY 11208

Date	Precipitation Daily Totals		Overflow Events: Time & Volume			Volume in Storage at 12AM	Estimated I & I Volume	Estimated Retained Volume	Gravity Drained Volume	CSO or I&I Volume Pumped to 26W	Wash Water Volume Pumped to 26W	BOD5 Average per Oveflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Hours	Inches	Start	End	MG	MG	MG	MG	MG	MG	MG	mg/l	mg/l	ml/l	mg/l	No./100 ml	cu. yds.	Y / N
3/1/12	3	0.11				3.5	0.1	1.5	1.6		0.0						10	7am - 3pm
3/2/12	3	0.15				3.5	0.2	0.5		1.4								7am - 3pm
3/3/12	5	0.14				2.8	0.1	2.7	2.1									7am - 3pm
3/4/12						3.4	0.2											7am - 3pm
3/5/12						3.6	0.3			2.1								7am - 3pm
3/6/12						1.8	0.2			1.1	2.1							7am - 3pm
3/7/12						0.8	0.1			0.4	2.1							7am - 3pm
3/8/12						0.6	0.1				2.3							7am - 3pm
3/9/12	2	0.07				0.6	0.5										20	7am - 3pm
3/10/12						1.2	0.3											7am - 3pm
3/11/12						1.5	0.2											7am - 3pm
3/12/12						1.7	0.4											7am - 3pm
3/13/12	3	0.05				2.0	0.4											7am - 3pm
3/14/12						2.4	0.3			2.0								7am - 3pm
3/15/12						0.8	0.4											7am - 3pm
3/16/12	2	0.02				1.2	0.3											7am - 3pm
3/17/12						1.5	0.3											7am - 3pm
3/18/12						1.8	0.3											7am - 3pm
3/19/12						2.1	0.3			1.8								7am - 3pm
3/20/12						0.6	0.2			0.1	2.0							7am - 3pm
3/21/12						0.7	0.0				1.8						10	7am - 3pm
3/22/12						0.7	0.2											7am - 3pm
3/23/12						0.9	0.2											7am - 3pm
3/24/12	2	0.1				1.1	0.4											7am - 3pm
3/25/12	2	0.04				1.4	0.3			1.2								7am - 3pm
3/26/12						0.6	0.1											7am - 3pm
3/27/12						0.7	0.5				2.0							7am - 3pm
3/28/12	1	0.01				1.1	0.0			0.8	1.7							7am - 3pm
3/29/12						0.3	0.4										30	7am - 3pm
3/30/12	1	0.04				0.7	0.3											7am - 3pm
3/31/12	8	0.35				0.9	0.1	3.7	1.1									7am - 3pm
Monthly Totals		1.08			0.0		7.6	8.2	4.8	10.9	14.0						70	

REMARKS:

1. Facility Manned: Facility is manned daily from 7am to 3pm. Staff may be required to work overtime to complete pump-back or cleaning operations.
2. I& I Volume: The I&I volume is calculated by observing basin trends throughout the month. All increases in basin elevation during dry weather are reported as I&I. Note: Starting December 2008, the Influent Barrel volume is included in the reported I&I volumes.
3. Retained Volume: The retained volume is calculated by observing basin trends throughout the month. All increases in basin elevation due to wet weather constitute retained volume and is calculated as such, minus volumes that were part of an overflow event. Note: Starting December 2008, the Influent Barrel volume is included in the reported retained volumes.
4. Gravity Drained Volume: The gravity drained volume is calculated by observing basin trends throughout the month. Volumes are determined by decreases in basin elevation which occur above -7.5' excluding periods when effluent gates are open. Starting December 2008, the gravity drained volume includes the calculated volume stored in the influent barrels.
5. Wash Water Volume Pumped to 26th Ward: The wash water volume is calculated by observing spray water flow totalizers and the operator's logs.
6. CSO or I&I Volume Pumped Back to 26th Ward: This volume is calculated by observing basin trends, the dewatering pump force main flow totalizer, and operators' logs.
7. Overflow Volume: Flows are calculated by the algorithms supplied to the NYSDEC on February 11, 2008 for free fall and submerged weir overflows. An overflow event starts when flow commences discharging to the waterbody and ends when the discharge ceases.
8. Precipitation: Daily rainfall data obtained for JFK Airport from the National Oceanic & Atmospheric Administration website (ols.nndc.noaa.gov). NOTE: Hours of precipitation are not necessarily consecutive.
9.
10

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

ORIGINAL SIGNED BY - Signature of Chief Operator or Designated Facility Representative.

ORIGINAL DATED - Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF: **April 2012**

DESIGN STORM: 2.5 in / 17 hr

MINIMUM DESIGN STORAGE VOLUME: 19.3 MG Total (Basins: 9.9 MG, Inf. Barrels: 9.4 MG)

SPDES PERMIT No. NY-0026212

FACILITY NAME: Spring Creek AWPCP

FACILITY OWNER: New York City Department of Environmental Protection

FACILITY LOCATION: 127-20 Flatlands Ave, Brooklyn, NY 11208

Date	Precipitation Daily Totals		Overflow Events: Time & Volume			Volume in Storage at 12AM	Estimated I & I Volume	Estimated Retained Volume	Gravity Drained Volume	CSO or I&I Volume Pumped to 26W	Wash Water Volume Pumped to 26W	BOD5 Average per Oveflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Hours	Inches	Start	End	MG	MG	MG	MG	MG	MG	MG	mg/l	mg/l	ml/l	mg/l	No./100 ml	cu. yds.	Y / N
4/1/12	5	0.29				3.6	0.1	3.6	2.5									7am - 3pm
4/2/12	2	0.1				4.7	0.2	1.8	5.7								20	7am - 3pm
4/3/12						1.0	0.2											7am - 3pm
4/4/12						1.2	0.5											7am - 3pm
4/5/12						1.7	0.4											7am - 3pm
4/6/12						2.1	0.3											7am - 3pm
4/7/12						2.4	0.3											7am - 3pm
4/8/12						2.7	0.1			2.5							10	7am - 3pm
4/9/12						0.3	0.2											7am - 3pm
4/10/12						0.5	0.4											7am - 3pm
4/11/12						0.9	0.2											7am - 3pm
4/12/12						1.2	0.2											7am - 3pm
4/13/12						1.4	0.1			1.1								7am - 3pm
4/14/12						0.4	0.1											7am - 3pm
4/15/12						0.5	0.3											7am - 3pm
4/16/12						0.8	0.3										20	7am - 3pm
4/17/12						1.1	0.1											7am - 3pm
4/18/12						1.1	0.5											7am - 3pm
4/19/12						1.6	0.1			1.3								7am - 3pm
4/20/12						0.4	0.1											7am - 3pm
4/21/12	3	0.1				0.6	0.2											7am - 3pm
4/22/12	14	2.14	11:20 PM	11:56 PM	123.5	0.8	2.8	28.8		2.7		42	88					7am - 3pm
4/23/12	5	0.27	12:08 AM	1:58 AM	104.1	28.5	0.0	2.9	18.1			42	88					7am - 3pm
4/24/12						7.9	0.3		4.3	2.7								7am - 3pm
4/25/12						1.2	0.0				1.6							7am - 3pm
4/26/12	3	0.06				0.9	0.2			0.6								7am - 3pm
4/27/12						0.4	0.5											7am - 3pm
4/28/12						0.9	0.2											7am - 3pm
4/29/12						1.1	0.4											7am - 3pm
4/30/12						1.5	0.3			1.3								7am - 3pm
Monthly Totals		2.96			227.6		9.4	37.1	30.6	12.0	1.6						50	

REMARKS:

1. Facility Manned: Facility is manned daily from 7am to 3pm. Staff may be required to work overtime to complete pump-back or cleaning operations.
2. I& I Volume: The I&I volume is calculated by observing basin trends throughout the month. All increases in basin elevation during dry weather are reported as I&I. Note: Starting December 2008, the Influent Barrel volume is included in the reported I&I volumes.
3. Retained Volume: The retained volume is calculated by observing basin trends throughout the month. All increases in basin elevation due to wet weather constitute retained volume and is calculated as such, minus volumes that were part of an overflow event. Note: Starting December 2008, the Influent Barrel volume is included in the reported retained volumes.
4. Gravity Drained Volume: The gravity drained volume is calculated by observing basin trends throughout the month. Volumes are determined by decreases in basin elevation which occur above -7.5' excluding periods when effluent gates are open. Starting December 2008, the gravity drained volume includes the calculated volume stored in the influent barrels.
5. Wash Water Volume Pumped to 26th Ward: The wash water volume is calculated by observing spray water flow totalizers and the operator's logs.
6. CSO or I&I Volume Pumped Back to 26th Ward: This volume is calculated by observing basin trends, the dewatering pump force main flow totalizer, and operators' logs.
7. Overflow Volume: Flows are calculated by the algorithms supplied to the NYSDEC on February 11, 2008 for free fall and submerged weir overflows. An overflow event starts when flow commences discharging to the waterbody and ends when the discharge ceases.
8. Precipitation: Daily rainfall data obtained for JFK Airport from the National Oceanic & Atmospheric Administration website (ols.nndc.noaa.gov). NOTE: Hours of precipitation are not necessarily consecutive.
9.
10

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative. Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF: **May 2012**

DESIGN STORM: 2.5 in / 17 hr

MINIMUM DESIGN STORAGE VOLUME: 19.3 MG Total (Basins: 9.9 MG, Inf. Barrels: 9.4 MG)

SPDES PERMIT No. NY-0026212

FACILITY NAME: Spring Creek AWPCP

FACILITY OWNER: New York City Department of Environmental Protection

FACILITY LOCATION: 127-20 Flatlands Ave, Brooklyn, NY 11208

Date	Precipitation Daily Totals		Overflow Events: Time & Volume			Volume in Storage at 12AM	Estimated I & I Volume	Estimated Retained Volume	Gravity Drained Volume	CSO or I&I Volume Pumped to 26W	Wash Water Volume Pumped to 26W	BOD5 Average per Oveflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Hours	Inches	Start	End	MG	MG	MG	MG	MG	MG	MG	mg/l	mg/l	ml/l	mg/l	No./100 ml	cu. yds.	Y / N
5/1/12	4	0.94				0.5	0.2	9.8	7.1									7am - 3pm
5/2/12	3	0.03				3.4	0.2			2.6								7am - 3pm
5/3/12	3	0.65				1.2	0.1	11.3	9.0									7am - 3pm
5/4/12	3	0.28				3.6	0.0	9.1	9.2								20	7am - 3pm
5/5/12	2	0.07				3.5	0.0			3.1								7am - 3pm
5/6/12						0.5	0.5											7am - 3pm
5/7/12						1.0	0.4											7am - 3pm
5/8/12	4	0.09				1.3	0.1			1.1								7am - 3pm
5/9/12	9	1.03				0.4	0.4	2.8	0.4									7am - 3pm
5/10/12	6	0.22				3.3	0.5			2.7								7am - 3pm
5/11/12						1.1	0.3											7am - 3pm
5/12/12						1.4	0.5											7am - 3pm
5/13/12						1.9	0.3			1.7								7am - 3pm
5/14/12						0.5	0.4											7am - 3pm
5/15/12	7	0.57				0.9	0.4	10.4	5.6									7am - 3pm
5/16/12	1	0.02				6.0	0.0		2.5	3.0								7am - 3pm
5/17/12						0.6	0.0			0.0								7am - 3pm
5/18/12						0.5	0.3											7am - 3pm
5/19/12						0.8	0.3											7am - 3pm
5/20/12						1.2	0.2			0.8								7am - 3pm
5/21/12	11	1.76	11:10 AM	12:15 PM	45.0	0.6	0.0	25.4	6.0			68	85	0.5	17	2,000,000		7am - 3pm
5/22/12	6	0.16				14.5	0.1		11.1									7am - 3pm
5/23/12						3.6	0.1			3.2								7am - 3pm
5/24/12	3	0.46				0.5	0.4	9.0	4.4									7am - 3pm
5/25/12	1	0.09				5.5	0.0		1.8								50	7am - 3pm
5/26/12	1	0.19				3.5	0.2	12.4	2.8	1.4								7am - 3pm
5/27/12	3	0.14				11.9	0.4		9.0									7am - 3pm
5/28/12						3.3	0.5			1.3								7am - 3pm
5/29/12	1	0.01				2.5	0.5			1.7								7am - 3pm
5/30/12						1.3	0.5			1.0								7am - 3pm
5/31/12						0.8	0.4											7am - 3pm
Monthly Totals		6.71			45.0		8.5	90.2	69.0	23.5	0.0						70	

REMARKS:

1. Facility Manned: Facility is manned daily from 7am to 3pm. Staff may be required to work overtime to complete pump-back or cleaning operations.
2. I& I Volume: The I&I volume is calculated by observing basin trends throughout the month. All increases in basin elevation during dry weather are reported as I&I. Note: Starting December 2008, the Influent Barrel volume is included in the reported I&I volumes.
3. Retained Volume: The retained volume is calculated by observing basin trends throughout the month. All increases in basin elevation due to wet weather constitute retained volume and is calculated as such, minus volumes that were part of an overflow event. Note: Starting December 2008, the Influent Barrel volume is included in the reported retained volumes.
4. Gravity Drained Volume: The gravity drained volume is calculated by observing basin trends throughout the month. Volumes are determined by decreases in basin elevation which occur above -7.5' excluding periods when effluent gates are open. Starting December 2008, the gravity drained volume includes the calculated volume stored in the influent barrels.
5. Wash Water Volume Pumped to 26th Ward: The wash water volume is calculated by observing spray water flow totalizers and the operator's logs.
6. CSO or I&I Volume Pumped Back to 26th Ward: This volume is calculated by observing basin trends, the dewatering pump force main flow totalizer, and operators' logs.
7. Overflow Volume: Flows are calculated by the algorithms supplied to the NYSDEC on February 11, 2008 for free fall and submerged weir overflows. An overflow event starts when flow commences discharging to the waterbody and ends when the discharge ceases.
8. Precipitation: Daily rainfall data obtained for JFK Airport from the National Oceanic & Atmospheric Administration website (ols.nndc.noaa.gov). NOTE: Hours of precipitation are not necessarily consecutive.
9.
10

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

ORIGINAL SIGNED BY - Signature of Chief Operator or Designated Facility Representative.

ORIGINAL DATED - Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF: **June 2012**

DESIGN STORM: 2.5 in / 17 hr

MINIMUM DESIGN STORAGE VOLUME: 19.3 MG Total (Basins: 9.9 MG, Inf. Barrels: 9.4 MG)

SPDES PERMIT No. NY-0026212

FACILITY NAME: Spring Creek AWPCP

FACILITY OWNER: New York City Department of Environmental Protection

FACILITY LOCATION: 127-20 Flatlands Ave, Brooklyn, NY 11208

Date	Precipitation Daily Totals		Overflow Events: Time & Volume			Volume in Storage at 12AM	Estimated I & I Volume	Estimated Retained Volume	Gravity Drained Volume	CSO or I&I Volume Pumped to 26W	Wash Water Volume Pumped to 26W	BOD5 Average per Oveflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Hours	Inches	Start	End	MG	MG	MG	MG	MG	MG	MG	mg/l	mg/l	ml/l	mg/l	No./100 ml	cu. yds.	Y / N
6/1/12	2	0.45				1.2	0.7											7am - 3pm
6/2/12	2	0.81	3:08 AM	3:24 AM	17.7	1.9	0.2	23.9	17.4			60	60					7am - 3pm
6/3/12						7.0	0.3		3.3	3.1								7am - 3pm
6/4/12	5	0.22				0.9	0.3	5.5	2.9									7am - 3pm
6/5/12						3.8	0.8			1.8								7am - 3pm
6/6/12	1	0.04				2.8	1.0			1.2	1.0							7am - 3pm
6/7/12						2.6	0.5	4.1	3.6									7am - 3pm
6/8/12						3.6	0.4			2.5								7am - 3pm
6/9/12						1.6	0.8											7am - 3pm
6/10/12	2	0.08				2.4	1.0			2.3								7am - 3pm
6/11/12						1.0	0.8										10	7am - 3pm
6/12/12	13	1.08				1.9	0.3	14.3		1.5								7am - 3pm
6/13/12	12	1.37	1:26 AM	2:46 AM	105.0	15.0	0.0	13.8	19.6			55	196					7am - 3pm
6/14/12						8.4	0.6		4.9	2.4								7am - 3pm
6/15/12						1.8	0.9											7am - 3pm
6/16/12						2.6	0.5											7am - 3pm
6/17/12						3.1	0.8			2.9								7am - 3pm
6/18/12						1.0	1.1											7am - 3pm
6/19/12						2.1	0.6											7am - 3pm
6/20/12						2.8	0.0											7am - 3pm
6/21/12						2.5	0.2											7am - 3pm
6/22/12	5	0.19				2.7	0.4	16.9	1.1	2.2								7am - 3pm
6/23/12	2	0.65	3:38 AM	4:12 AM	18.3	16.8	0.0	9.6	14.6			54	114					7am - 3pm
6/24/12	1	0.03				8.5	0.6		4.7	1.3								7am - 3pm
6/25/12	7	1.9				3.1	0.4	15.1	7.7									7am - 3pm
6/26/12						10.9	0.5		7.1	3.5								7am - 3pm
6/27/12						0.9	0.9											7am - 3pm
6/28/12						1.8	0.8											7am - 3pm
6/29/12	2	0.06				2.6	0.0											7am - 3pm
6/30/12						2.5	0.7			2.2								7am - 3pm
7/1/12						2.5	0.0											7am - 3pm
Monthly Totals		6.88			140.9		16.0	103.2	86.8	26.7	1.0						10	

REMARKS:

1. Facility Manned: Facility is manned daily from 7am to 3pm. Staff may be required to work overtime to complete pump-back or cleaning operations.
2. I& I Volume: The I&I volume is calculated by observing basin trends throughout the month. All increases in basin elevation during dry weather are reported as I&I. Note: Starting December 2008, the Influent Barrel volume is included in the reported I&I volumes.
3. Retained Volume: The retained volume is calculated by observing basin trends throughout the month. All increases in basin elevation due to wet weather constitute retained volume and is calculated as such, minus volumes that were part of an overflow event. Note: Starting December 2008, the Influent Barrel volume is included in the reported retained volumes.
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5. Wash Water Volume Pumped to 26th Ward: The wash water volume is calculated by observing spray water flow totalizers and the operator's logs.
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8. Precipitation: Daily rainfall data obtained for JFK Airport from the National Oceanic & Atmospheric Administration website (ols.nndc.noaa.gov). NOTE: Hours of precipitation are not necessarily consecutive.
9.
10

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

ORIGINAL SIGNED BY - Signature of Chief Operator or Designated Facility Representative.

ORIGINAL DATED - Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF: **July 2012**

DESIGN STORM: 2.5 in / 17 hr

MINIMUM DESIGN STORAGE VOLUME: 19.3 MG Total (Basins: 9.9 MG, Inf. Barrels: 9.4 MG)

SPDES PERMIT No. NY-0026212

FACILITY NAME: Spring Creek AWPCP

FACILITY OWNER: New York City Department of Environmental Protection

FACILITY LOCATION: 127-20 Flatlands Ave, Brooklyn, NY 11208

Date	Precipitation Daily Totals		Overflow Events: Time & Volume			Volume in Storage at 12AM	Estimated I & I Volume	Estimated Retained Volume	Gravity Drained Volume	CSO or I&I Volume Pumped to 26W	Wash Water Volume Pumped to 26W	BOD5 Average per Oveflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Hours	Inches	Start	End	MG	MG	MG	MG	MG	MG	MG	mg/l	mg/l	ml/l	mg/l	No./100 ml	cu. yds.	Y / N
7/1/12						1.0	0.8			1.1	1.6							7am - 3pm
7/2/12						0.7	0.8											7am - 3pm
7/3/12						1.5	1.0											7am - 3pm
7/4/12	2	0.04				2.5	0.7			1.9								7am - 3pm
7/5/12						1.2	0.8											7am - 3pm
7/6/12						2.1	0.7			1.7							20	7am - 3pm
7/7/12	2	0.07				1.1	0.7											7am - 3pm
7/8/12						1.8	0.9			1.5								7am - 3pm
7/9/12						1.2	0.7											7am - 3pm
7/10/12						1.9	0.8											7am - 3pm
7/11/12						2.7	0.6			2.0								7am - 3pm
7/12/12						1.3	0.7											7am - 3pm
7/13/12						1.9	0.5			1.9								7am - 3pm
7/14/12						0.6	0.3			0.4	1.3							7am - 3pm
7/15/12	4	0.16				0.5	1.7				1.5							7am - 3pm
7/16/12						2.2	1.1			2.5							10	7am - 3pm
7/17/12						0.7	0.6				1.5							7am - 3pm
7/18/12	2	0.21				1.3	0.7	6.5	1.9	0.7	1.8							7am - 3pm
7/19/12						6.0	0.4		2.5	2.5								7am - 3pm
7/20/12	5	0.39				1.4	2.4			0.8								7am - 3pm
7/21/12						3.1	0.8			1.3	1.4							7am - 3pm
7/22/12						2.6	0.1			0.6	1.6							7am - 3pm
7/23/12	3	0.05				2.1	0.5			0.7	1.4						10	7am - 3pm
7/24/12						1.9	0.3			1.4								7am - 3pm
7/25/12						0.9	1.0											7am - 3pm
7/26/12	3	0.49				1.8	1.6	7.8									10	7am - 3pm
7/27/12						11.2	0.3		8.7									7am - 3pm
7/28/12	2	0.07				2.7	2.8			2.5								7am - 3pm
7/29/12						3.1	0.2			2.8								7am - 3pm
7/30/12						0.5	0.5											7am - 3pm
7/31/12						1.0	0.0											7am - 3pm
Monthly Totals		1.48			0.0		24.8	14.3	13.1	26.1	12.2						50	

REMARKS:

1. Facility Manned: Facility is manned daily from 7am to 3pm. Staff may be required to work overtime to complete pump-back or cleaning operations.
2. I& I Volume: The I&I volume is calculated by observing basin trends throughout the month. All increases in basin elevation during dry weather are reported as I&I. Note: Starting December 2008, the Influent Barrel volume is included in the reported I&I volumes.
3. Retained Volume: The retained volume is calculated by observing basin trends throughout the month. All increases in basin elevation due to wet weather constitute retained volume and is calculated as such, minus volumes that were part of an overflow event. Note: Starting December 2008, the Influent Barrel volume is included in the reported retained volumes.
4. Gravity Drained Volume: The gravity drained volume is calculated by observing basin trends throughout the month. Volumes are determined by decreases in basin elevation which occur above -7.5' excluding periods when effluent gates are open. Starting December 2008, the gravity drained volume includes the calculated volume stored in the influent barrels.
5. Wash Water Volume Pumped to 26th Ward: The wash water volume is calculated by observing spray water flow totalizers and the operator's logs.
6. CSO or I&I Volume Pumped Back to 26th Ward: This volume is calculated by observing basin trends, the dewatering pump force main flow totalizer, and operators' logs.
7. Overflow Volume: Flows are calculated by the algorithms supplied to the NYSDEC on February 11, 2008 for free fall and submerged weir overflows. An overflow event starts when flow commences discharging to the waterbody and ends when the discharge ceases.
8. Precipitation: Daily rainfall data obtained for JFK Airport from the National Oceanic & Atmospheric Administration website (ols.nndc.noaa.gov). NOTE: Hours of precipitation are not necessarily consecutive.
9.
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I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

ORIGINAL SIGNED BY - Signature of Chief Operator or Designated Facility Representative.

ORIGINAL DATED - Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF: **August 2012**

DESIGN STORM: 2.5 in / 17 hr

MINIMUM DESIGN STORAGE VOLUME: 19.3 MG Total (Basins: 9.9 MG, Inf. Barrels: 9.4 MG)

SPDES PERMIT No. NY-0026212

FACILITY NAME: Spring Creek AWPCP

FACILITY OWNER: New York City Department of Environmental Protection

FACILITY LOCATION: 127-20 Flatlands Ave, Brooklyn, NY 11208

Date	Precipitation Daily Totals		Overflow Events: Time & Volume			Volume in Storage at 12AM	Estimated I & I Volume	Estimated Retained Volume	Gravity Drained Volume	CSO or I&I Volume Pumped to 26W	Wash Water Volume Pumped to 26W	BOD5 Average per Oveflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Hours	Inches	Start	End	MG	MG	MG	MG	MG	MG	MG	mg/l	mg/l	ml/l	mg/l	No./100 ml	cu. yds.	Y / N
8/1/12	1	0.02				2.3	0.2	5.1	1.7	2.2								7am - 3pm
8/2/12						3.6	0.3			1.9								7am - 3pm
8/3/12						1.9	0.3			2.0								7am - 3pm
8/4/12						0.3	0.5											7am - 3pm
8/5/12	2	0.18				0.8	0.3	2.6	0.2									7am - 3pm
8/6/12	2	0.23				3.6	0.3	3.9	4.6									7am - 3pm
8/7/12						3.2	0.6			1.8								7am - 3pm
8/8/12						2.0	0.3			2.0								7am - 3pm
8/9/12						0.3	0.4											7am - 3pm
8/10/12	4	2.12				0.7	0.3	17.4	5.1									7am - 3pm
8/11/12						13.3	0.3		10.9									7am - 3pm
8/12/12						2.7	0.4			2.8								7am - 3pm
8/13/12						0.3	0.4											7am - 3pm
8/14/12						0.7	0.6											7am - 3pm
8/15/12	5	0.44	4:21 PM	10:25 PM	53.3	1.3	0.5	25.3	1.7	1.4		71	164					7am - 3pm
8/16/12						20.7	0.0		17.2									7am - 3pm
8/17/12						3.5	0.9		0.0	2.5								7am - 3pm
8/18/12	6	0.3				1.9	0.3	4.8	3.4									7am - 3pm
8/19/12						3.6	0.1											7am - 3pm
8/20/12						3.7	0.4			2.7								7am - 3pm
8/21/12						1.4	0.9											7am - 3pm
8/22/12						2.3	0.6											7am - 3pm
8/23/12						2.9	0.5			0.6								7am - 3pm
8/24/12						2.9	0.7			1.0								7am - 3pm
8/25/12						2.5	0.7			2.4								7am - 3pm
8/26/12						0.8	0.8											7am - 3pm
8/27/12	2	0.52				1.6	1.4	20.0	7.9								10	7am - 3pm
8/28/12	3	0.1				15.1	0.0		10.7									7am - 3pm
8/29/12						3.5	1.0			2.7								7am - 3pm
8/30/12						1.7	1.2											7am - 3pm
8/31/12						3.0	0.2											7am - 3pm
Monthly Totals		3.91			53.3		15.4	79.1	63.4	26.0	0.0						10	

REMARKS:

1. Facility Manned: Facility is manned daily from 7am to 3pm. Staff may be required to work overtime to complete pump-back or cleaning operations.
2. I& I Volume: The I&I volume is calculated by observing basin trends throughout the month. All increases in basin elevation during dry weather are reported as I&I. Note: Starting December 2008, the Influent Barrel volume is included in the reported I&I volumes.
3. Retained Volume: The retained volume is calculated by observing basin trends throughout the month. All increases in basin elevation due to wet weather constitute retained volume and is calculated as such, minus volumes that were part of an overflow event. Note: Starting December 2008, the Influent Barrel volume is included in the reported retained volumes.
4. Gravity Drained Volume: The gravity drained volume is calculated by observing basin trends throughout the month. Volumes are determined by decreases in basin elevation which occur above -7.5' excluding periods when effluent gates are open. Starting December 2008, the gravity drained volume includes the calculated volume stored in the influent barrels.
5. Wash Water Volume Pumped to 26th Ward: The wash water volume is calculated by observing spray water flow totalizers and the operator's logs.
6. CSO or I&I Volume Pumped Back to 26th Ward: This volume is calculated by observing basin trends, the dewatering pump force main flow totalizer, and operators' logs.
7. Overflow Volume: Flows are calculated by the algorithms supplied to the NYSDEC on February 11, 2008 for free fall and submerged weir overflows. An overflow event starts when flow commences discharging to the waterbody and ends when the discharge ceases.
8. Precipitation: Daily rainfall data obtained for JFK Airport from the National Oceanic & Atmospheric Administration website (ols.nndc.noaa.gov). NOTE: Hours of precipitation are not necessarily consecutive.
9.
10

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative. Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF: **September 2012**

DESIGN STORM: 2.5 in / 17 hr

MINIMUM DESIGN STORAGE VOLUME: 19.3 MG Total (Basins: 9.9 MG, Inf. Barrels: 9.4 MG)

SPDES PERMIT No. NY-0026212

FACILITY NAME: Spring Creek AWPCP

FACILITY OWNER: New York City Department of Environmental Protection

FACILITY LOCATION: 127-20 Flatlands Ave, Brooklyn, NY 11208

Date	Precipitation Daily Totals		Overflow Events: Time & Volume			Volume in Storage at 12AM	Estimated I & I Volume	Estimated Retained Volume	Gravity Drained Volume	CSO or I&I Volume Pumped to 26W	Wash Water Volume Pumped to 26W	BOD5 Average per Oveflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Hours	Inches	Start	End	MG	MG	MG	MG	MG	MG	MG	mg/l	mg/l	ml/l	mg/l	No./100 ml	cu. yds.	Y / N
9/1/12						3.1	0.3											7am - 3pm
9/2/12						3.4	0.5			2.4								7am - 3pm
9/3/12	5	0.59				1.5	1.5											7am - 3pm
9/4/12	8	0.62				3.0	0.1	3.6	3.1									7am - 3pm
9/5/12	1	0.16				3.6	0.0											7am - 3pm
9/6/12						3.6	0.4			2.5								7am - 3pm
9/7/12						1.5	1.1											7am - 3pm
9/8/12	7	0.3	11:35 PM	11:55 PM	28.5	2.6	0.6	27.5	8.9	1.6		61	124					7am - 3pm
9/9/12						19.5	0.1		16.0									7am - 3pm
9/10/12						3.6	0.4			3.1								7am - 3pm
9/11/12						0.9	0.9			0.5	1.6							7am - 3pm
9/12/12						1.2	0.9											7am - 3pm
9/13/12						2.1	0.8			2.2								7am - 3pm
9/14/12						0.7	0.7											7am - 3pm
9/15/12						1.4	0.8											7am - 3pm
9/16/12						2.2	0.5			2.1								7am - 3pm
9/17/12						0.6	0.7											7am - 3pm
9/18/12	4	1.58				1.3	0.1	21.1	0.7									7am - 3pm
9/19/12	1	0.01				21.8	0.0		18.2									7am - 3pm
9/20/12						3.6	0.5			1.5								7am - 3pm
9/21/12						2.7	0.7											7am - 3pm
9/22/12	4	0.29				3.3	0.4			3.1								7am - 3pm
9/23/12						0.6	0.8											7am - 3pm
9/24/12						1.4	0.6											7am - 3pm
9/25/12						1.9	0.6											7am - 3pm
9/26/12	1	0.03				2.5	0.2			2.3								7am - 3pm
9/27/12						0.4	0.5											7am - 3pm
9/28/12	6	0.32				0.9	0.2	11.7	8.7									7am - 3pm
9/29/12	1	0.03				4.0	0.3		0.4	2.8								7am - 3pm
9/30/12						1.2	0.6											7am - 3pm
Monthly Totals		3.93			28.5		15.5	63.8	55.9	24.1	1.6						0	

REMARKS:

1. Facility Manned: Facility is manned daily from 7am to 3pm. Staff may be required to work overtime to complete pump-back or cleaning operations.
2. I& I Volume: The I&I volume is calculated by observing basin trends throughout the month. All increases in basin elevation during dry weather are reported as I&I. Note: Starting December 2008, the Influent Barrel volume is included in the reported I&I volumes.
3. Retained Volume: The retained volume is calculated by observing basin trends throughout the month. All increases in basin elevation due to wet weather constitute retained volume and is calculated as such, minus volumes that were part of an overflow event. Note: Starting December 2008, the Influent Barrel volume is included in the reported retained volumes.
4. Gravity Drained Volume: The gravity drained volume is calculated by observing basin trends throughout the month. Volumes are determined by decreases in basin elevation which occur above -7.5' excluding periods when effluent gates are open. Starting December 2008, the gravity drained volume includes the calculated volume stored in the influent barrels.
5. Wash Water Volume Pumped to 26th Ward: The wash water volume is calculated by observing spray water flow totalizers and the operator's logs.
6. CSO or I&I Volume Pumped Back to 26th Ward: This volume is calculated by observing basin trends, the dewatering pump force main flow totalizer, and operators' logs.
7. Overflow Volume: Flows are calculated by the algorithms supplied to the NYSDEC on February 11, 2008 for free fall and submerged weir overflows. An overflow event starts when flow commences discharging to the waterbody and ends when the discharge ceases.
8. Precipitation: Daily rainfall data obtained for JFK Airport from the National Oceanic & Atmospheric Administration website (ols.nndc.noaa.gov). NOTE: Hours of precipitation are not necessarily consecutive.
9.
10

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

ORIGINAL SIGNED BY - Signature of Chief Operator or Designated Facility Representative.

ORIGINAL DATED - Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF:	October 2012	DESIGN STORM: 2.5 in / 17 hr	MINIMUM DESIGN STORAGE VOLUME: 19.3 MG Total (Basins: 9.9 MG, Inf. Barrels: 9.4 MG)	Page 1 of 1
SPDES PERMIT No. NY-0026212	FACILITY NAME Spring Creek AWPCP	FACILITY OWNER New York City Department of Environmental Protection	FACILITY LOCATION 127-20 Flatlands Ave, Brooklyn, NY 11208	

Date	Precipitation Daily Totals		Overflow Events: Time & Volume			Volume in Storage at 12AM	Estimated I & I Volume	Estimated Retained Volume	Gravity Drained Volume	CSO or I&I Volume Pumped to 26W	Wash Water Volume Pumped to 26W	BOD5 Average per Oveflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Hours	Inches	Start	End	MG	MG	MG	MG	MG	MG	MG	mg/l	mg/l	ml/l	mg/l	No./100 ml	cu. yds.	Y / N
10/1/12						1.8	0.4			1.4	1.7							7am - 3pm
10/2/12	7	0.25				0.7	0.1	3.6	0.6	0.2	1.5						10	7am - 3pm
10/3/12						3.6	0.0		0.0		1.3							7am - 3pm
10/4/12	2	0.41				3.5	1.1			2.3	1.6							7am - 3pm
10/5/12						2.3	0.2			2.1								7am - 3pm
10/6/12						0.4	0.5										10	7am - 3pm
10/7/12	5	0.16				0.9	0.7											7am - 3pm
10/8/12						1.6	0.0										10	7am - 3pm
10/9/12	2	0.03				2.2	1.7			2.4								7am - 3pm
10/10/12	9	0.22				1.5	1.1											7am - 3pm
10/11/12						2.6	1.9			2.9								7am - 3pm
10/12/12						1.6	0.0											7am - 3pm
10/13/12						1.5	2.0											7am - 3pm
10/14/12						3.4	0.0											7am - 3pm
10/15/12	3	0.18				2.5	1.0	14.1	1.6	2.3								7am - 3pm
10/16/12						13.6	0.2		10.1									7am - 3pm
10/17/12						3.7	0.5			1.4							10	7am - 3pm
10/18/12	1	0.02				2.8	0.7			2.3	1.8							7am - 3pm
10/19/12	7	0.28				1.2	2.4											7am - 3pm
10/20/12						3.6	2.7			3.1								7am - 3pm
10/21/12						3.2	0.0											7am - 3pm
10/22/12						1.6	1.1											7am - 3pm
10/23/12	3	0.03				2.7	0.2			2.3								7am - 3pm
10/24/12						0.6	0.1				1.6							7am - 3pm
10/25/12						0.7	0.5				1.7							7am - 3pm
10/26/12						1.2	0.7											7am - 3pm
10/27/12						1.9	0.7			1.7								7am - 3pm
10/28/12						0.8	0.7			0.4								7am - 3pm
10/29/12	12	0.51	8:30 PM	8:52 PM	82.9	1.0	7.2	26.9	0.3	1.5		276	535					7am - 3pm
10/30/12	4	0.04				32.9	0.0		8.9									7am - 3pm
10/31/12	1	0.01				23.9	0.0		12.7		0.4							7am - 3pm
Monthly Totals		2.14			82.9		28.0	44.5	34.2	26.2	11.6						40	

REMARKS:

1. Facility Manned: Facility is manned daily from 7am to 3pm. Staff may be required to work overtime to complete pump-back or cleaning operations.
2. I& I Volume: The I&I volume is calculated by observing basin trends throughout the month. All increases in basin elevation during dry weather are reported as I&I. Note: Starting December 2008, the Influent Barrel volume is included in the reported I&I volumes.
3. Retained Volume: The retained volume is calculated by observing basin trends throughout the month. All increases in basin elevation due to wet weather constitute retained volume and is calculated as such, minus volumes that were part of an overflow event. Note: Starting December 2008, the Influent Barrel volume is included in the reported retained volumes.
4. Gravity Drained Volume: The gravity drained volume is calculated by observing basin trends throughout the month. Volumes are determined by decreases in basin elevation which occur above -7.5' excluding periods when effluent gates are open. Starting December 2008, the gravity drained volume includes the calculated volume stored in the influent barrels.
5. Wash Water Volume Pumped to 26th Ward: The wash water volume is calculated by observing spray water flow totalizers and the operator's logs.
6. CSO or I&I Volume Pumped Back to 26th Ward: This volume is calculated by observing basin trends, the dewatering pump force main flow totalizer, and operators' logs.
7. Overflow Volume: Flows are calculated by the algorithms supplied to the NYSDEC on February 11, 2008 for free fall and submerged weir overflows. An overflow event starts when flow commences discharging to the waterbody and ends when the discharge ceases.
8. Precipitation: Daily rainfall data obtained for JFK Airport from the National Oceanic & Atmospheric Administration website (ols.nndc.noaa.gov). NOTE: Hours of precipitation are not necessarily consecutive.
9. At approximately 8:25 PM on 10/29/2012 the overflow weir elevation telemetry went offline due to flooding caused by Hurricane Sandy. The telemetry was restored at approximately 8:50 AM on 10/31/2012. The elevations between these times were estimated.
10

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative. Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF: **November 2012**

DESIGN STORM: 2.5 in / 17 hr

MINIMUM DESIGN STORAGE VOLUME: 19.3 MG Total (Basins: 9.9 MG, Inf. Barrels: 9.4 MG)

SPDES PERMIT No. NY-0026212

FACILITY NAME: Spring Creek AWPCP

FACILITY OWNER: New York City Department of Environmental Protection

FACILITY LOCATION: 127-20 Flatlands Ave, Brooklyn, NY 11208

Date	Precipitation Daily Totals		Overflow Events: Time & Volume			Volume in Storage at 12AM	Estimated I & I Volume	Estimated Retained Volume	Gravity Drained Volume	CSO or I&I Volume Pumped to 26W	Wash Water Volume Pumped to 26W	BOD5 Average per Oveflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Hours	Inches	Start	End	MG	MG	MG	MG	MG	MG	MG	mg/l	mg/l	ml/l	mg/l	No./100 ml	cu. yds.	Y / N
11/1/12	1	0.03				11.2	0.3		8.2									7am - 3pm
11/2/12						3.3	0.9			1.1							10	7am - 3pm
11/3/12						3.1	0.7			2.3								7am - 3pm
11/4/12	1	0.06				1.6	0.8											7am - 3pm
11/5/12	14	0.86				2.3	0.5	1.9	1.3									7am - 3pm
11/6/12						3.4	0.2	0.2	0.6	2.7								7am - 3pm
11/7/12	13	1.91				0.5	0.7	4.4	1.6									7am - 3pm
11/8/12	4	0.16				3.9	0.4	2.9	2.1									7am - 3pm
11/9/12	3	0.04				5.1	1.9		2.3	2.0								7am - 3pm
11/10/12						2.8	0.0											7am - 3pm
11/11/12						2.8	0.0											7am - 3pm
11/12/12						2.8	0.2			2.3								7am - 3pm
11/13/12						0.7	0.5											7am - 3pm
11/14/12						1.2	0.3			1.0								7am - 3pm
11/15/12						0.6	0.4											7am - 3pm
11/16/12						1.0	0.3											7am - 3pm
11/17/12						1.3	0.3											7am - 3pm
11/18/12	1	0.01				1.6	0.0			1.1								7am - 3pm
11/19/12						0.2	0.1											7am - 3pm
11/20/12						0.3	0.3											7am - 3pm
11/21/12	8	0.28				0.6	0.1			0.3								7am - 3pm
11/22/12						0.4	0.3											7am - 3pm
11/23/12						0.7	0.3											7am - 3pm
11/24/12						0.9	0.4											7am - 3pm
11/25/12						1.3	0.0			0.8								7am - 3pm
11/26/12						0.3	0.2											7am - 3pm
11/27/12						0.5	2.1											7am - 3pm
11/28/12						2.6	0.1			0.9								7am - 3pm
11/29/12						1.7	0.0			1.2								7am - 3pm
11/30/12						0.2	0.4											7am - 3pm
Monthly Totals		3.35			0.0		12.6	9.4	16.1	15.6	0.0						10	

REMARKS:

1. Facility Manned: Facility is manned daily from 7am to 3pm. Staff may be required to work overtime to complete pump-back or cleaning operations.
2. I& I Volume: The I&I volume is calculated by observing basin trends throughout the month. All increases in basin elevation during dry weather are reported as I&I. Note: Starting December 2008, the Influent Barrel volume is included in the reported I&I volumes.
3. Retained Volume: The retained volume is calculated by observing basin trends throughout the month. All increases in basin elevation due to wet weather constitute retained volume and is calculated as such, minus volumes that were part of an overflow event. Note: Starting December 2008, the Influent Barrel volume is included in the reported retained volumes.
4. Gravity Drained Volume: The gravity drained volume is calculated by observing basin trends throughout the month. Volumes are determined by decreases in basin elevation which occur above -7.5' excluding periods when effluent gates are open. Starting December 2008, the gravity drained volume includes the calculated volume stored in the influent barrels.
5. Wash Water Volume Pumped to 26th Ward: The wash water volume is calculated by observing spray water flow totalizers and the operator's logs.
6. CSO or I&I Volume Pumped Back to 26th Ward: This volume is calculated by observing basin trends, the dewatering pump force main flow totalizer, and operators' logs.
7. Overflow Volume: Flows are calculated by the algorithms supplied to the NYSDEC on February 11, 2008 for free fall and submerged weir overflows. An overflow event starts when flow commences discharging to the waterbody and ends when the discharge ceases.
8. Precipitation: Daily rainfall data obtained for JFK Airport from the National Oceanic & Atmospheric Administration website (ols.nndc.noaa.gov). NOTE: Hours of precipitation are not necessarily consecutive.
9.
10

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative. Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF:	December 2012	DESIGN STORM: 2.5 in / 17 hr	MINIMUM DESIGN STORAGE VOLUME: 19.3 MG Total (Basins: 9.9 MG, Inf. Barrels: 9.4 MG)	Page 1 of 1
SPDES PERMIT No. NY-0026212	FACILITY NAME Spring Creek AWPCP	FACILITY OWNER New York City Department of Environmental Protection	FACILITY LOCATION 127-20 Flatlands Ave, Brooklyn, NY 11208	

Date	Precipitation Daily Totals		Overflow Events: Time & Volume			Volume in Storage at 12AM	Estimated I & I Volume	Estimated Retained Volume	Gravity Drained Volume	CSO or I&I Volume Pumped to 26W	Wash Water Volume Pumped to 26W	BOD5 Average per Oveflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Hours	Inches	Start	End	MG	MG	MG	MG	MG	MG	MG	mg/l	mg/l	ml/l	mg/l	No./100 ml	cu. yds.	Y / N
12/1/12						0.7	0.4											7am - 3pm
12/2/12	1	0.02				1.1	0.4											7am - 3pm
12/3/12						1.5	0.3			1.6								7am - 3pm
12/4/12	2	0.02				0.2	0.3											7am - 3pm
12/5/12						0.4	0.1											7am - 3pm
12/6/12						0.6	0.0				3.4						10	7am - 3pm
12/7/12	8	0.13				0.5	0.0				2.6						10	7am - 3pm
12/8/12	5	0.34				0.3	0.2				0.2							7am - 3pm
12/9/12	10	0.29				3.3	0.0	2.8										7am - 3pm
12/10/12	7	0.25				1.5	0.2	2.8	0.9	2.6								7am - 3pm
12/11/12	2	0.05				1.0	0.2			0.6	0.4							7am - 3pm
12/12/12						0.7	0.3			0.5	3.8						10	7am - 3pm
12/13/12						0.4	0.1											7am - 3pm
12/14/12						0.5	0.0											7am - 3pm
12/15/12						0.4	0.3											7am - 3pm
12/16/12	9	0.13				0.7	0.4											7am - 3pm
12/17/12	8	0.28				1.1	0.6			1.5								7am - 3pm
12/18/12	6	0.82				0.2	5.4											7am - 3pm
12/19/12						3.0	0.0			1.8								7am - 3pm
12/20/12						1.0	0.6											7am - 3pm
12/21/12	8	0.71				1.6	2.7	6.7	7.6									7am - 3pm
12/22/12						3.4	0.0		0.1	0.1								7am - 3pm
12/23/12						0.5	0.7			0.5								7am - 3pm
12/24/12	4	0.09				0.7	0.4				1.8							7am - 3pm
12/25/12	2	0.02				1.0	0.4											7am - 3pm
12/26/12	8	0.65				1.4	1.2	11.1		0.5								7am - 3pm
12/27/12	9	0.77				13.1	0.0	7.6	37.2									7am - 3pm
12/28/12						8.3	0.0		8.1									7am - 3pm
12/29/12	9	0.26				0.7	1.3			1.1								7am - 3pm
12/30/12						2.0	0.5			1.1								7am - 3pm
12/31/12						2.0	1.9											7am - 3pm
Monthly Totals		4.83			0.0		18.6	31.0	54.0	11.7	12.1						30	

REMARKS:

1. Facility Manned: Facility is manned daily from 7am to 3pm. Staff may be required to work overtime to complete pump-back or cleaning operations.
2. I& I Volume: The I&I volume is calculated by observing basin trends throughout the month. All increases in basin elevation during dry weather are reported as I&I. Note: Starting December 2008, the Influent Barrel volume is included in the reported I&I volumes.
3. Retained Volume: The retained volume is calculated by observing basin trends throughout the month. All increases in basin elevation due to wet weather constitute retained volume and is calculated as such, minus volumes that were part of an overflow event. Note: Starting December 2008, the Influent Barrel volume is included in the reported retained volumes.
4. Gravity Drained Volume: The gravity drained volume is calculated by observing basin trends throughout the month. Volumes are determined by decreases in basin elevation which occur above -7.5' excluding periods when effluent gates are open. Starting December 2008, the gravity drained volume includes the calculated volume stored in the influent barrels.
5. Wash Water Volume Pumped to 26th Ward: The wash water volume is calculated by observing spray water flow totalizers and the operator's logs.
6. CSO or I&I Volume Pumped Back to 26th Ward: This volume is calculated by observing basin trends, the dewatering pump force main flow totalizer, and operators' logs.
7. Overflow Volume: Flows are calculated by the algorithms supplied to the NYSDEC on February 11, 2008 for free fall and submerged weir overflows. An overflow event starts when flow commences discharging to the waterbody and ends when the discharge ceases.
8. Precipitation: Daily rainfall data obtained for JFK Airport from the National Oceanic & Atmospheric Administration website (ols.nndc.noaa.gov). NOTE: Hours of precipitation are not necessarily consecutive.
9.
10

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

ORIGINAL SIGNED BY -
Signature of Chief Operator or Designated Facility Representative.

ORIGINAL DATED -
Date

FLUSHING BAY CSO RETENTION FACILITY MONTHLY OPERATION REPORTS, 2012

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF: **JANUARY** **2012**

DESIGN STORM (IN/DAY): approx. 1 inch

DESIGN STORAGE VOLUME: Total 44.1 MG , Tank 28.7 MG, Sewer 15.3 MG

SPDES PERMIT No. NY-0026239

FACILITY NAME: Flushing Bay CSO Retention Facility

FACILITY LOCATION: Fowler Ave & College Point Blvd, Queens, 11356

Event Type	Event Start		Event End		Overflow Volume Total per Event	Volume in Storage at 7am	Retained Volume Total per Event	Pumped Back Volume	Estimated I & I Volume	Precipitation Total per Event	BOD5 Average per Overflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Date	Time	Date	Time	MG	MG	MG	MG	MG	inches	mg/l	mg/l	ml/l	mg/l	No./100 ml	cu. yds.	
PB,R	1/1/12					0.29	5.75	4.6	5.8	0.06							NO
PB	1/2/12					1.48		5.4	6.6								NO
PB	1/3/12					1.29		5.7	5.5								NO
PB	1/4/12					0.21		5.0	3.9								NO
PB	1/5/12					0.20		4.9	5.0								NO
PB	1/6/12					0.29		3.5	5.2								NO
PB	1/7/12					2.05		6.7	4.9								NO
PB	1/8/12					0.27		5.0	4.9								NO
PB	1/9/12					0.16		3.6	5.2								NO
PB	1/10/12					1.76		5.9	4.9								NO
PB,R	1/11/12					0.69	13.30	2.8	7.3	0.07							NO
PB,R,O	1/12/12	11:00 am	ongoing		4.4	13.98	25.90	4.8	7.3	0.97	13	23					NO
PB,R	1/13/12	ongoing	1/13	12:00 AM		35.23	2.15	16.9	2.2	0.02							NO
PB	1/14/12					25.69		17.8	7.8								NO
PB	1/15/12					15.68		17.4	5.2								NO
PB,R	1/16/12					3.57	3.50	6.5	3.5	0.02							NO
PB,R	1/17/12					0.54	7.10	6.1	7.1	0.19							NO
PB	1/18/12					1.51		5.6	4.9								NO
PB	1/19/12					0.76		4.5	4.5								NO
PB	1/20/12					1.25		5.7	6.2								NO
PB,R	1/21/12					0.24	5.35	5.3	5.4	0.30							NO
PB	1/22/12					0.27		4.9	4.9								NO
PB,R	1/23/12					0.41	13.50	6.4	7.3	0.28							NO
PB	1/24/12					7.54		11.8	7.3								NO
PB	1/25/12					0.25		2.3	7.3								NO
PB,R	1/26/12					2.82	6.45	5.0	6.5	0.21							NO
PB,R	1/27/12					4.25	26.67	8.8	7.3	0.39							NO
PB	1/28/12					22.46		17.0	7.3								NO
PB	1/29/12					15.54		17.9	11.0								NO
PB	1/30/12					6.55		9.9	0.9								NO
PB	1/31/12					0.18		7.4	1.0								NO
					Monthly Total		Monthly Total	Monthly Total	Monthly Total	Monthly Total						Monthly Total	
					4.4		109.7	235.1	174.3	2.51						0	

REMARKS:

1. Event Type: This report tracks overflow events (O), rain events (R), pump back events (PB), retained volume, wash water, I &I volume, and collection of screenings.
2. Estimated Retained Volume: is the total CSO volume stored in the basins and influent barrels that is pumped back to Tallman Island WPCP.
3. Estimated Retained Volume: is estmated based on the elevation of the cells.
4. Pumped BackVolume: is the actual total flow pumped back to Tallman Island WPCP and consists of both combined sewer overflow (CSO) received during wet weather as well as dry weather inflow.
5. Estimated I&I Volume on dry weather days= pump back volume + change in the total retained volume (7am-7am). On wet weather days, I& I = monthly average of all pump back volumes for all dry weather block periods.
6. Precipitation: Daily rainfall data obtained from Flushing, NY (LaGuardia Airport data) - NOAA Site
7. Please note the values listed in the above table for retained volume and daily I&I volume are estimates; therefore the sum of those two estimated values does not equal the sum of the daily pump-back volumes.
8. No SCADA information available for pump back volume on the 31st. Estimated value is based on the Engineer's log book entries. Totalizer re-sets back to zero at start of each month.
9.
10.

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative. Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF:	FEBRUARY	2012	DESIGN STORM (IN/DAY): approx. 1 inch	DESIGN STORAGE VOLUME: Total 44.1 MG , Tank 28.7 MG, Sewer 15.3 MG	Page 1 of 1

SPDES PERMIT No.	FACILITY NAME	FACILITY LOCATION
NY-0026239	Flushing Bay CSO Retention Facility	Fowler Ave & College Point Blvd, Queens, 11356

Event Type	Event Start		Event End		Overflow Volume Total per Event	Volume in Storage at 7am	Retained Volume Total per Event	Pumped Back Volume	Estimated I & I Volume	Precipitation Total per Event	BOD5 Average per Overflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Date	Time	Date	Time	MG	MG	MG	MG	MG	inches	mg/l	mg/l	ml/l	mg/l	No./100 ml	cu. yds.	
PB,R	2/1/12					1.29	4.00	4.02	4.0	0.03							NO
PB	2/2/12					1.33		5.57	5.6								NO
PB	2/3/12					2.14		4.72	5.5								NO
PB	2/4/12					1.95		5.75	5.6								NO
PB	2/5/12					0.98		5.40	3.8								NO
PB	2/6/12					0.30		3.55	5.2								NO
PB	2/7/12					1.91		6.40	4.7								NO
PB,R	2/8/12					0.24	5.14	3.96	5.1	0.01							NO
PB	2/9/12					1.33		4.23	5.0								NO
PB	2/10/12					2.07		6.38	4.7								NO
PB,R	2/11/12					0.38	5.65	4.60	5.7	0.07							NO
PB	2/12/12					1.40		5.30	4.6								NO
PB	2/13/12					0.73		4.50	4.9								NO
PB,R	2/14/12					1.12	4.95	5.03	5.0	0.02							NO
PB,R	2/15/12					1.05	4.60	5.36	4.6	0.01							NO
PB,R	2/16/12					0.23	6.25	2.68	5.9	0.15							NO
PB,R	2/17/12					3.82	4.00	6.60	4.0	0.02							NO
PB,R	2/18/12					1.21	5.45	6.38	5.5	0.02							NO
PB	2/19/12					0.29		4.93	4.9								NO
PB	2/20/12					0.17		4.60	4.5								NO
PB	2/21/12					0.24		4.07	4.1								NO
PB	2/22/12					1.12		5.17	6.1								NO
PB	2/23/12					0.79		3.28	3.0								NO
PB,R	2/24/12					3.14	17.85	7.20	5.9	0.60							NO
PB	2/25/12					13.67		15.54	5.9								NO
PB	2/26/12					3.28		6.09	5.9								NO
PB	2/27/12					1.31		5.23	3.3								NO
PB	2/28/12					1.01		4.53	4.2								NO
PB,R	2/29/12					1.07	14.46	5.40	5.9	0.41							NO
					Monthly Total		Monthly Total	Monthly Total	Monthly Total	Monthly Total						Monthly Total	
					0.0		72.4	156.5	142.7	1.34						0	

REMARKS:

1. Event Type: This report tracks overflow events (O), rain events (R), pump back events (PB), retained volume, wash water, I &I volume, and collection of screenings.
2. Estimated Retained Volume: is the total CSO volume stored in the basins and influent barrels that is pumped back to Tallman Island WPCP.
3. Estimated Retained Volume: is estmated based on the elevation of the cells.
4. Pumped BackVolume: is the actual total flow pumped back to Tallman Island WPCP and consists of both combined sewer overflow (CSO) received during wet weather as well as dry weather inflow.
5. Estimated I&I Volume on dry weather days= pump back volume + change in the total retained volume (7am-7am). On wet weather days, I& I = monthly average of all pump back volumes for all dry weather block periods.
6. Precipitation: Daily rainfall data obtained from Flushing, NY (LaGuardia Airport data) - NOAA Site
7. Please note the values listed in the above table for retained volume and daily I&I volume are estimates; therefore the sum of those two estimated values does not equal the sum of the daily pump-back volumes.
8. No SCADA information available for pump back volume on the 29th. Estimated value is based on the Engineer's log book entries. Totalizer re-sets back to zero at start of each month.
9. There were no overflow events during the month for this facility.
10.

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative. Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF: **March, 2012**

DESIGN STORM (IN/DAY): approx. 1 inch

DESIGN STORAGE VOLUME: Total 44.1 MG , Tank 28.7 MG, Sewer 15.3 MG

SPDES PERMIT No.
NY-0026239

FACILITY NAME
Flushing Bay CSO Retention Facility

FACILITY LOCATION
Fowler Ave & College Point Blvd, Queens, 11356

Event Type	Event Start		Event End		Overflow Volume Total per Event	Volume in Storage at 7am	Retained Volume Total per Event	Pumped Back Volume	Estimated I & I Volume	Precipitation Total per Event	BOD5 Average per Overflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Date	Time	Date	Time	MG	MG	MG	MG	MG	inches	mg/l	mg/l	ml/l	mg/l	No./100 ml	cu. yds.	
P,R	**3/1/12**					14.69	7.75	17.2	4.5	0.09							NO
P,R	**3/2/12**					5.23	10.50	6.6	4.5	0.19							NO
P,R	**3/3/12**					9.14	5.60	12.9	4.5	0.12							NO
P	**3/4/12**					1.86		5.8	4.5								NO
P	**3/5/12**					0.27		3.0	2.4								NO
P	**3/6/12**					1.29		6.5	4.5								NO
P	**3/7/12**					0.36		4.3	5.1								NO
P	**3/8/12**					1.11		4.2	4.2								NO
P,R	**3/9/12**					1.07	5.65	4.4	4.5	0.02							NO
P	**3/10/12**					2.32		5.9	4.3								NO
P	**3/11/12**					0.77		5.2	4.6								NO
P	**3/12/12**					0.16		4.4	4.8								NO
P,R	**3/13/12**					0.58	4.85	4.7	4.5	0.05							NO
P	**3/14/12**					0.73		4.7	4.8								NO
P	**3/15/12**					0.83		4.8	4.5								NO
P,R	**3/16/12**					0.50	4.95	3.5	4.5	0.03							NO
P	**3/17/12**					1.91		5.8	4.3								NO
P	**3/18/12**					0.46		4.9	4.7								NO
P	**3/19/12**					0.21		4.3	4.3								NO
P	**3/20/12**					0.78		5.0	4.5								NO
P	**3/21/12**					0.24		4.4	3.9								NO
P	**3/22/12**					0.35		4.8	4.9								NO
P	**3/23/12**					0.19		4.4	4.2								NO
P,R	**3/24/12**					0.41	4.95	4.1	4.5	0.02							NO
P	**3/25/12**					1.30		5.4	4.5								NO
P	**3/26/12**					0.37		4.3	3.4								NO
P	**3/27/12**					0.87		4.2	4.7								NO
P,R	**3/28/12**					1.18	4.55	5.0	4.5	0.03							NO
P	**3/29/12**					0.70		5.0	4.5								NO
P,R	**3/30/12**					0.21	13.02	0.2	4.5	0.10							NO
P,R	**3/31/12**					13.23	0.88	14.2	0.9	0.35							NO
					Monthly Total		Monthly Total	Monthly Total	Monthly Total	Monthly Total						Monthly Total	
					0.0		62.7	173.7	133.3	1.00						0	

REMARKS:

1. Event Type: This report tracks overflow events (O), rain events (R), pump back events (P), retained volume, wash water, I &I volume, and collection of screenings.
2. Estimated Retained Volume: is the total CSO volume stored in the basins and influent barrels that is pumped back to Tallman Island WPCP.
3. Estimated Retained Volume: is estmated based on the elevation of the cells.
4. Pumped BackVolume: is the actual total flow pumped back to Tallman Island WPCP and consists of both combined sewer overflow (CSO) received during wet weather as well as dry weather inflow.
5. Estimated I&I Volume on dry weather days= pump back volume + change in the total retained volume (7am-7am). On wet weather days, I& I = monthly average of all pump back volumes for all dry weather block periods.
6. Precipitation: Daily rainfall data obtained from Flushing, NY (LaGuardia Airport data) - NOAA Site
7. Please note the values listed in the above table for retained volume and daily I&I volume are estimates; therefore the sum of those two estimated values does not equal the sum of the daily pump-back volumes.
8. There were no overflow events during the month for this facility.
9.
10.

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative. Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF: APRIL 2012

DESIGN STORM (IN/DAY): approx. 1 inch

DESIGN STORAGE VOLUME: Total 44.1 MG , Tank 28.7 MG, Sewer 15.3 MG

SPDES PERMIT No.
NY-0026239

FACILITY NAME
Flushing Bay CSO Retention Facility

FACILITY LOCATION
Fowler Ave & College Point Blvd, Queens, 11356

Event Type	Event Start		Event End		Overflow Volume Total per Event	Volume in Storage at 7am	Retained Volume Total per Event	Pumped Back Volume	Estimated I & I Volume	Precipitation Total per Event	BOD5 Average per Overflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Date	Time	Date	Time	MG	MG	MG	MG	MG	inches	mg/l	mg/l	ml/l	mg/l	No./100 ml	cu. yds.	
R	**4/1/12**					6.01	14.5	0.0	4.4	0.56							NO
PB,R	**4/2/12**					20.25	7.6	17.7	4.4	0.04							NO
PB	**4/3/12**					10.17		12.9	3.6							26	NO
PB	**4/4/12**					0.95		4.7	4.4								NO
PB	**4/5/12**					0.7		4.4	4.4								NO
PB	**4/6/12**					0.87		3.6	4.3								NO
PB	**4/7/12**					1.6		5.3	4.4								NO
PB	**4/8/12**					0.74		3.5	4.5								NO
PB	**4/9/12**					1.72		4.3	4.5								NO
PB	**4/10/12**					1.92		2.7	3.4								NO
PB	**4/11/12**					2.62		1.5	4.2								NO
PB	**4/12/12**					5.39		10.8	5.7								NO
PB	**4/13/12**					0.26		3.1	4.5								NO
PB	**4/14/12**					1.72		5.9	4.4								NO
PB	**4/15/12**					0.18		3.6	4.7								NO
PB	**4/16/12**					1.21		5.1	4.3								NO
PB	**4/17/12**					0.38		4.3	4.8								NO
PB,R	**4/18/12**					0.86	4.5	3.7	4.4	0.02							NO
PB,R	**4/19/12**					1.62	4.3	5.6	4.3	0.03							NO
PB	**4/20/12**					0.26		3.2	4.4								NO
PB,R	**4/21/12**					1.83	10.1	3.8	4.4	0.4							NO
PB,R,O	**4/22/12**	10:00PM	Ongoing		1.5	8.26	37.5	2.9	4.4	1.9	28	64					NO
PB,R,O	**4/23/12**	Ongoing (4/23)		2:00PM	4.5	41.53	4.4	14.0	4.4	0.2	25	33					NO
PB	**4/24/12**					27.34		13.7	7.0								NO
PB	**4/25/12**					20.29		14.7	9.2								NO
PB,R	**4/26/12**					14.89	4.4	8.4	4.4	0.03							NO
PB,R	**4/27/12**					10.79	2.8	13.1	2.8	0.02							NO
PB	**4/28/12**					0.49		3.5	4.4								NO
PB	**4/29/12**					1.54		5.4	4.4								NO
PB	**4/30/12**					0.36		4.2	3.0								NO
					Monthly Total		Monthly Total	Monthly Total	Monthly Total	Monthly Total						Monthly Total	
					6		90.0	189.5	136.5	3.18						26	

REMARKS:

1. Event Type: This report tracks overflow events (O), rain events (R), pump back events (P), retained volume, wash water, I &I volume, and collection of screenings.
2. Estimated Retained Volume: is the total CSO volume stored in the basins and influent barrels that is pumped back to Tallman Island WPCP.
3. Estimated Retained Volume: is estmated based on the elevation of the cells.
4. Pumped BackVolume: is the actual total flow pumped back to Tallman Island WPCP and consists of both combined sewer overflow (CSO) received during wet weather as well as dry weather inflow.
5. Estimated I&I Volume on dry weather days= pump back volume + change in the total retained volume (7am-7am). On wet weather days, I& I = monthly average of all pump back volumes for all dry weather block periods.
6. Precipitation: Daily rainfall data obtained from Flushing, NY (LaGuardia Airport data) - NOAA Site
7. Please note the values listed in the above table for retained volume and daily I&I volume are estimates; therefore the sum of those two estimated values does not equal the sum of the daily pump-back volumes.
8. The pump back volume for April 26 is estimated. There was no SCADA data available for that day.
9.
10.

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative.

Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF: MAY 2012

DESIGN STORM (IN/DAY): approx. 1 inch

DESIGN STORAGE VOLUME: Total 44.1 MG , Tank 28.7 MG, Sewer 15.3 MG

SPDES PERMIT No. NY-0026239

FACILITY NAME: Flushing Bay CSO Retention Facility

FACILITY LOCATION: Fowler Ave & College Point Blvd, Queens, 11356

Event Type	Event Start		Event End		Overflow Volume Total per Event	Volume in Storage at 7am	Retained Volume Total per Event	Pumped Back Volume	Estimated I & I Volume	Precipitation Total per Event	BOD5 Average per Overflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Date	Time	Date	Time	MG	MG	MG	MG	MG	inches	mg/l	mg/l	ml/l	mg/l	No./100 ml	cu. yds.	
R	5/1/12					0.72	10.20	0.0	6.5	0.73							NO
PB,R	5/2/12					11.00	11.08	11.6	6.5	0.03							NO
PB,R	5/3/12					10.39	12.20	18.8	6.5	0.32							NO
PB,R	5/4/12					3.73	23.85	14.0	6.5	0.26							NO
PB	5/5/12					13.65		16.7	6.5								NO
PB	5/6/12					0.31		3.5	4.9								NO
PB	5/7/12					1.68		5.5	4.2							26	NO
PB,R	5/8/12					0.36	3.65	0.5	3.7	0.04							NO
PB,R	5/9/12					3.81	17.75	1.8	6.5	0.43							NO
PB,R	5/10/12					19.89	9.58	13.7	6.5	0.16							NO
PB	5/11/12					15.72		14.4	3.2								NO
PB	5/12/12					4.53		8.5	4.3								NO
PB	5/13/12					0.32		3.0	4.7								NO
PB,R	5/14/12					2.08	4.20	6.0	4.2	0.01							NO
PB,R	5/15/12					0.27	28.50	5.5	6.5	0.46							NO
PB,R	5/16/12					23.21	8.70	20.3	6.5	0.06							NO
PB	5/17/12					11.76		13.3	3.8							26	NO
PB	5/18/12					2.23		5.2	3.5								NO
PB	5/19/12					0.50		3.7	3.7								NO
PB	5/20/12					2.19		5.2	6.9								NO
PB,R,O	5/21/12	6:47 PM	Ongoing		4.0	0.53	43.50	3.6	6.5	1.08	17	27					NO
PB,R,O	5/22/12	Ongoing (12AM,5/22)		6:10 AM	13.5	36.77	16.25	12.3	6.5	0.16							NO
PB,R	5/23/12					27.77	10.85	21.0	6.5	0.01	28	78					NO
PB,R	5/24/12					17.66	20.85	11.2	6.5	0.53							NO
PB	5/25/12					27.72		15.3	6.5								NO
PB,R	5/26/12					21.47	10.20	14.4	6.5	0.26							NO
PB,R	5/27/12					17.21	10.70	14.0	6.5	0.04							NO
PB	5/28/12					13.76		12.9	9.5								NO
PB,R	5/29/12					5.63	3.30	7.9	3.3	0.09							NO
PB	5/30/12					1.00		5.1	6.5								NO
PB	5/31/12					0.86		4.0	3.9								NO
					Monthly Total		Monthly Total	Monthly Total	Monthly Total	Monthly Total						Monthly Total	
					17.5		245.4	292.7	174.8	4.67						52	

REMARKS:

1. Event Type: This report tracks overflow events (O), rain events (R), pump back events (P), retained volume, wash water, I &I volume, and collection of screenings.
2. Estimated Retained Volume: is the total CSO volume stored in the basins and influent barrels that is pumped back to Tallman Island WPCP.
3. Estimated Retained Volume: is estmated based on the elevation of the cells.
4. Pumped BackVolume: is the actual total flow pumped back to Tallman Island WPCP and consists of both combined sewer overflow (CSO) received during wet weather as well as dry weather inflow.
5. Estimated I&I Volume on dry weather days= pump back volume + change in the total retained volume (7am-7am). On wet weather days, I& I = monthly average of all pump back volumes for all dry weather block periods.
6. Precipitation: Daily rainfall data obtained from Flushing, NY (LaGuardia Airport data) - NOAA Site
7. Please note the values listed in the above table for retained volume and daily I&I volume are estimates; therefore the sum of those two estimated values does not equal the sum of the daily pump-back volumes.
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I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative. Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF:	June-12	DESIGN STORM (IN/DAY): approx. 1 inch	DESIGN STORAGE VOLUME: Total 44.1 MG , Tank 28.7 MG, Sewer 15.3 MG	Page 1 of 1
SPDES PERMIT No. NY-0026239	FACILITY NAME Flushing Bay CSO Retention Facility		FACILITY LOCATION Fowler Ave & College Point Blvd, Queens, 11356	

Event Type	Event Start		Event End		Overflow Volume Total per Event	Volume in Storage at 7am	Retained Volume Total per Event	Pumped Back Volume	Estimated I & I Volume	Precipitation Total per Event	BOD5 Average per Overflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Date	Time	Date	Time	MG	MG	MG	MG	MG	inches	mg/l	mg/l	ml/l	mg/l	No./100 ml	cu. yds.	
R	6/1/12					1.31	34.10	0.0	6.1	0.45	22	32					NO
PB,R	6/2/12					34.28	5.60	13.7	5.6	0.66			0.1	<5.0	T.N.T.C		**YES**
PB,R	6/3/12					26.16	9.50	18.4	6.1	0.01							NO
PB,R	6/4/12					17.51	9.55	10.2	6.1	0.26							NO
PB	6/5/12					16.89		11.0	4.5								NO
PB	6/6/12					11.07		9.9	4.0							26	NO
PB,R	6/7/12					5.15	5.11	7.3	5.1	0.10							NO
PB	6/8/12					2.92		7.0	5.0								NO
PB	6/9/12					0.97		3.7	4.6								NO
PB,R	6/10/12					1.94	4.97	5.8	5.0	0.02							NO
PB	6/11/12					1.12		4.7	4.3		24	32					NO
PB,R	6/12/12					0.69	42.50	1.5	6.1	0.91	15	88					NO
PB,R,O	6/13/12	2:28AM	6/13	11:32 AM	3.3	41.82	5.50	8.0	5.5	0.59			<.1	10.5	T.N.T.C		**YES**
PB	6/14/12					36.86		14.4	3.8								NO
PB	6/15/12					26.21		17.6	8.5								NO
PB	6/16/12					17.12		15.4	5.6								NO
PB	6/17/12					7.34		9.8	2.7								NO
PB	6/18/12					0.19		3.8	4.8								NO
PB	6/19/12					1.23		4.2	4.6							26	NO
PB	6/20/12					1.62		2.7	3.0								NO
PB	6/21/12					1.85		7.2	5.9		24	39					NO
PB,R	6/22/12					0.46	42.93	1.6	6.1	0.56	21	30					NO
PB,R,O	6/23/12	5:23 AM	6/23	2:11 PM	13.5	41.76	6.60	11.1	6.1	0.11			<.1	7.0	T.N.T.C		**YES**
PB,R	6/24/12					23.71	10.05	15.9	6.1	0.05					T.N.T.C		**YES**
PB,R	6/25/12					17.85	14.90	8.4	6.1	0.28							NO
PB	6/26/12					24.22		17.4	9.6								NO
PB	6/27/12					16.44		12.2	6.5								NO
PB	6/28/12					10.63		13.3	3.0								NO
PB	6/29/12					0.30		8.4	8.6								NO
PB,R	6/30/12					0.52	4.80	3.5	4.8	0.19							NO
																	NO
					Monthly Total		Monthly Total	Monthly Total	Monthly Total	Monthly Total						Monthly Total	
					16.8		196.1	268.0	164.1	4.19						52	

REMARKS:

1. Event Type: This report tracks overflow events (O), rain events (R), pump back events (P), retained volume, wash water, I &I volume, and collection of screenings.
2. Estimated Retained Volume: is the total CSO volume stored in the basins and influent barrels that is pumped back to Tallman Island WPCP.
3. Estimated Retained Volume: is estmated based on the elevation of the cells.
4. Pumped BackVolume: is the actual total flow pumped back to Tallman Island WPCP and consists of both combined sewer overflow (CSO) received during wet weather as well as dry weather inflow.
5. Estimated I&I Volume on dry weather days= pump back volume + change in the total retained volume (7am-7am). On wet weather days, I& I = monthly average of all pump back volumes for all dry weather block periods.
6. Precipitation: Daily rainfall data obtained from Flushing, NY (LaGuardia Airport data) - NOAA Site
7. Please note the values listed in the above table for retained volume and daily I&I volume are estimates; therefore the sum of those two estimated values does not equal the sum of the daily pump-back volumes.
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I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative. Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF:	July-12	DESIGN STORM (IN/DAY): approx. 1 inch	DESIGN STORAGE VOLUME: Total 44.1 MG , Tank 28.7 MG, Sewer 15.3 MG	Page 1 of 1
SPDES PERMIT No. NY-0026239	FACILITY NAME Flushing Bay CSO Retention Facility		FACILITY LOCATION Fowler Ave & College Point Blvd, Queens, 11356	

Event Type	Event Start		Event End		Overflow Volume Total per Event	Volume in Storage at 7am	Retained Volume Total per Event	Pumped Back Volume	Estimated I & I Volume	Precipitation Total per Event	BOD5 Average per Overflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Date	Time	Date	Time	MG	MG	MG	MG	MG	inches	mg/l	mg/l	ml/l	mg/l	No./100 ml	cu. yds.	
PB	7/1/12					1.80		4.5	4.0								NO
PB	7/2/12					1.25		5.1	4.1							26	NO
PB	7/3/12					0.28		3.1	4.8								NO
PB,R	7/4/12					1.95	4.80	5.4	4.8	0.05							NO
PB	7/5/12					1.36		4.5	4.5								NO
PB	7/6/12					1.43		5.2	4.7								NO
PB,R	7/7/12					0.91	20.92	1.0	7.3	0.24							NO
PB,R	7/8/12					21.09	10.43	15.3	7.3	0.07							NO
PB	7/9/12					16.25		17.2	4.0								NO
PB	7/10/12					3.06		5.3	3.0							6	NO
PB	7/11/12					0.71		3.1	4.1								NO
PB	7/12/12					1.73		7.4	6.5								NO
PB	7/13/12					0.84		4.7	4.3								NO
PB	7/14/12					0.42		3.1	4.5								NO
PB,R	7/15/12					1.86	17.40	5.1	7.3	0.35							NO
PB	7/16/12					14.13		15.1	6.8								NO
PB	7/17/12					5.85		7.7	3.9								NO
PB,R,O	7/18/12	9:23 PM	7/19	4:16 AM	0.27	2.05	44.10	7.2	7.3	1.83	20	36					NO
PB,R	7/19/12					38.37	5.00	19.9	5.0	0.01						26	NO
PB,R	7/20/12					23.02	19.31	9.1	7.3	0.47							NO
PB	7/21/12					33.06		18.5	6.0								NO
PB	7/22/12					20.24		14.9	6.0								NO
PB,R	7/23/12					11.28	3.85	14.1	3.9	0.07							NO
PB	7/24/12					1.07		4.9	5.7								NO
PB	7/25/12					1.82		5.2	4.9								NO
PB,R	7/26/12					1.45	22.81	6.6	7.3	0.42							NO
PB	7/27/12					17.90		18.0	5.5							28	NO
PB,R	7/28/12					5.88	5.06	9.5	5.1	0.26							NO
PB	7/29/12					1.48		4.2	4.2								NO
PB	7/30/12					1.52		5.5	4.4								NO
PB	7/31/12					0.34		4.4	3.2							26	NO
					Monthly Total		Monthly Total	Monthly Total	Monthly Total	Monthly Total						Monthly Total	
					0.3		153.7	254.6	161.3	3.77						112	

REMARKS:

1.	Event Type: This report tracks overflow events (O), rain events (R), pump back events (P), retained volume, wash water, I &I volume, and collection of screenings.
2.	Estimated Retained Volume: is the total CSO volume stored in the basins and influent barrels that is pumped back to Tallman Island WPCP.
3.	Estimated Retained Volume: is estmated based on the elevation of the cells.
4.	Pumped BackVolume: is the actual total flow pumped back to Tallman Island WPCP and consists of both combined sewer overflow (CSO) received during wet weather as well as dry weather inflow.
5.	Estimated I&I Volume on dry weather days= pump back volume + change in the total retained volume (7am-7am). On wet weather days, I& I = monthly average of all pump back volumes for all dry weather block periods.
6.	Precipitation: Daily rainfall data obtained from Flushing, NY (LaGuardia Airport data) - NOAA Site
7.	Please note the values listed in the above table for retained volume and daily I&I volume are estimates; therefore the sum of those two estimated values does not equal the sum of the daily pump-back volumes.
8	The screenings removal for the 27th is mixed.
9	Samples for the 18th were only retrieved from 1 out of the 2 auto samplers. There was a malfunction with one of the samplers.
10	

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative. Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF:	August-12	DESIGN STORM (IN/DAY): approx. 1 inch	DESIGN STORAGE VOLUME: Total 44.1 MG , Tank 28.7 MG, Sewer 15.3 MG	Page 1 of 1
SPDES PERMIT No. NY-0026239	FACILITY NAME Flushing Bay CSO Retention Facility		FACILITY LOCATION Fowler Ave & College Point Blvd, Queens, 11356	

Event Type	Event Start		Event End		Overflow Volume Total per Event	Volume in Storage at 7am	Retained Volume Total per Event	Pumped Back Volume	Estimated I & I Volume	Precipitation Total per Event	BOD5 Average per Overflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Date	Time	Date	Time	MG	MG	MG	MG	MG	inches	mg/l	mg/l	ml/l	mg/l	No./100 ml	cu. yds.	
R	8/1/12					0.57	30.81	0.0	9.4	0.39							NO
PB	**8/2/12**					31.76		21.4	6.9								NO
PB	**8/3/12**					17.55		15.6	4.4								NO
PB	**8/4/12**					6.45		8.9	4.2								NO
PB,R	**8/5/12**					1.80	10.01	4.3	9.4	0.29							NO
PB,R	**8/6/12**					7.49	5.40	6.0	5.4	0.01							NO
PB	**8/7/12**					6.87		10.8	4.1								NO
PB	**8/8/12**					0.18		2.9	4.9								NO
PB	**8/9/12**					2.18		5.3	4.7								NO
PB,R	**8/10/12**					1.51	33.00	10.1	9.4	0.31						26	NO
PB	**8/11/12**					24.43		18.6	7.4								NO
PB	**8/12/12**					13.30		15.3	3.2								NO
PB	**8/13/12**					1.23		4.0	4.5								NO
PB,R	**8/14/12**					1.70	4.65	4.6	4.7	0.05							NO
PB,R,O	**8/15/12**	8:44 PM	8/16	4:27 AM	9.3	1.76	43.10	5.4	9.4	0.62	13	39					NO
PB	**8/16/12**					30.19		16.9	13.5								NO
PB	**8/17/12**					26.84		10.9	16.9								NO
PB,R	**8/18/12**					32.82	10.60	13.8	9.4	0.38						26	NO
PB	**8/19/12**					29.60		21.1	7.3								NO
PB	**8/20/12**					15.78		18.5	3.7								NO
PB	**8/21/12**					0.97		3.7	4.5								NO
PB	**8/22/12**					1.78		7.2	7.6								NO
PB	**8/23/12**					2.22		5.8	4.2							26	NO
PB	**8/24/12**					0.63		4.3	4.8								NO
PB	**8/25/12**					1.11		5.1	4.5								NO
PB	**8/26/12**					0.57		3.8	4.8								NO
PB,R	**8/27/12**					1.56	33.40	6.3	9.4	0.77							NO
PB,R	**8/28/12**					28.64	6.00	13.0	6.0	0.13							NO
PB	**8/29/12**					21.64		18.2	7.1								NO
PB	**8/30/12**					10.62		13.2	2.8								NO
PB	**8/31/12**					0.26		4.5	9.4								NO
					Monthly Total		Monthly Total	Monthly Total	Monthly Total	Monthly Total						Monthly Total	
					9.3		177.0	299.3	207.5	2.95						78	

REMARKS:

1.	Event Type: This report tracks overflow events (O), rain events (R), pump back events (P), retained volume, wash water, I &I volume, and collection of screenings.
2.	Estimated Retained Volume: is the total CSO volume stored in the basins and influent barrels that is pumped back to Tallman Island WPCP.
3.	Estimated Retained Volume: is estmated based on the elevation of the cells.
4.	Pumped BackVolume: is the actual total flow pumped back to Tallman Island WPCP and consists of both combined sewer overflow (CSO) received during wet weather as well as dry weather inflow.
5.	Estimated I&I Volume on dry weather days= pump back volume + change in the total retained volume (7am-7am). On wet weather days, I& I = monthly average of all pump back volumes for all dry weather block periods.
6.	Precipitation: Daily rainfall data obtained from Flushing, NY (LaGuardia Airport data) - NOAA Site
7.	Please note the values listed in the above table for retained volume and daily I&I volume are estimates; therefore the sum of those two estimated values does not equal the sum of the daily pump-back volumes.
8	
9	Samples for the 15th were only retrieved from 1 out of the 2 auto samplers. There was a malfunction with one of the samplers. Under investigation
10	

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative. Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF: September-12

DESIGN STORM (IN/DAY): approx. 1 inch

DESIGN STORAGE VOLUME: Total 44.1 MG , Tank 28.7 MG, Sewer 15.3 MG

SPDES PERMIT No.
NY-0026239

FACILITY NAME
Flushing Bay CSO Retention Facility

FACILITY LOCATION
Fowler Ave & College Point Blvd, Queens, 11356

Event Type	Event Start		Event End		Overflow Volume Total per Event	Volume in Storage at 7am	Retained Volume Total per Event	Pumped Back Volume	Estimated I & I Volume	Precipitation Total per Event	BOD5 Average per Overflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Date	Time	Date	Time	MG	MG	MG	MG	MG	inches	mg/l	mg/l	ml/l	mg/l	No./100 ml	cu. yds.	
	9/1/12					0.37		0.0	0.5								NO
PB	9/2/12					0.88		4.9	4.4								NO
PB	9/3/12					0.30		4.0	7.2								NO
PB,R	9/4/12					3.48	20.00	5.9	7.2	0.14							NO
PB,R	9/5/12					17.57	25.40	11.7	7.2	0.48							NO
PB	9/6/12					31.34		16.8	5.6								NO
PB	9/7/12					20.11		16.3	6.7								NO
PB,R,O	9/8/12	7:00 PM	9/9	3:00 AM	3.9	10.42	34.23	3.9	7.2	1.18	7	25					NO
PB	9/9/12					36.89		17.2	7.7							26	NO
PB	9/10/12					27.43		18.1	6.9							26	NO
PB	9/11/12					16.24		16.0	5.1								NO
PB	9/12/12					5.43		7.7	2.7								NO
PB	9/13/12					0.42		4.7	4.5								NO
PB	9/14/12					0.24		4.6	4.6								NO
PB	9/15/12					0.23		3.8	4.8								NO
PB	9/16/12					1.20		3.8	4.3								NO
PB	9/17/12					1.66		3.9	4.3								NO
PB,R	9/18/12					2.03	38.30	1.2	7.2	1.62							NO
PB	9/19/12					39.25		14.6	3.5								NO
PB	9/20/12					28.23		17.0	6.0								NO
PB	9/21/12					17.77		15.5	6.0								NO
PB,R	9/22/12					8.27	3.35	10.8	3.4	0.18							NO
PB	9/23/12					0.82		4.8	4.3							26	NO
PB	9/24/12					0.35		4.8	4.6								NO
PB	9/25/12					0.23		3.4	4.7								NO
PB	9/26/12					1.54		4.6	4.5								NO
PB,R	9/27/12					1.51	4.40	3.7	4.4	0.03							NO
R,O	9/28/12	7:00AM	9/28	8:30 PM	18.8	2.21	39.40	0.0	7.2	1.32	14	30					NO
PB	9/29/12					41.57		7.0	4.0		13	15	Trace				YES
PB,R	9/30/12					38.58	4.70	9.9	4.7	0.11							NO
					Monthly Total		Monthly Total	Monthly Total	Monthly Total	Monthly Total						Monthly Total	
					22.7		169.8	240.5	155.5	5.06						78	

REMARKS:

1. Event Type: This report tracks overflow events (O), rain events (R), pump back events (P), retained volume, wash water, I &I volume, and collection of screenings.
2. Estimated Retained Volume: is the total CSO volume stored in the basins and influent barrels that is pumped back to Tallman Island WPCP.
3. Estimated Retained Volume: is estmated based on the elevation of the cells.
4. Pumped BackVolume: is the actual total flow pumped back to Tallman Island WPCP and consists of both combined sewer overflow (CSO) received during wet weather as well as dry weather inflow.
5. Estimated I&I Volume on dry weather days= pump back volume + change in the total retained volume (7am-7am). On wet weather days, I& I = monthly average of all pump back volumes for all dry weather block periods.
6. Precipitation: Daily rainfall data obtained from Flushing, NY (LaGuardia Airport data) - NOAA Site
7. Please note the values listed in the above table for retained volume and daily I&I volume are estimates; therefore the sum of those two estimated values does not equal the sum of the daily pump-back volumes.
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I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative. Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF:	October-12	DESIGN STORM (IN/DAY): approx. 1 inch	DESIGN STORAGE VOLUME: Total 44.1 MG , Tank 28.7 MG, Sewer 15.3 MG	Page 1 of 1
SPDES PERMIT No. NY-0026239	FACILITY NAME Flushing Bay CSO Retention Facility		FACILITY LOCATION Fowler Ave & College Point Blvd, Queens, 11356	

Event Type	Event Start		Event End		Overflow Volume Total per Event	Volume in Storage at 7am	Retained Volume Total per Event	Pumped Back Volume	Estimated I & I Volume	Precipitation Total per Event	BOD5 Average per Overflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Date	Time	Date	Time	MG	MG	MG	MG	MG	inches	mg/l	mg/l	ml/l	mg/l	No./100 ml	cu. yds.	
PB	10/1/12					33.40		22.4	10.9								NO
PB,R	10/2/12					21.27	12.66	8.2	8.2	0.39							NO
PB	10/3/12					25.58		17.2	7.6								NO
PB	10/4/12					15.93		18.7	7.6								NO
PB	10/5/12					4.82		7.8	3.5								NO
PB	10/6/12					0.51		5.1	5.4								NO
PB,R	10/7/12					0.81	8.52	4.5	8.2	0.19							NO
PB	10/8/12					4.72		9.1	4.5								NO
PB,R	10/9/12					0.21	1.26	1.2	1.3	0.06							NO
PB,R	10/10/12					0.26	6.32	1.3	6.3	0.21							NO
PB	10/11/12					5.26		10.1	5.8								NO
PB	10/12/12					0.97		4.7	5.2								NO
PB	10/13/12					1.52		5.2	4.6								NO
PB	10/14/12					1.01		4.4	3.6								NO
PB,R	10/15/12					0.25	30.55	3.4	8.2	0.28							NO
PB	10/16/12					27.07		11.2	6.0							26	NO
PB	10/17/12					21.82		7.3	5.3								NO
PB	10/18/12					19.80		10.5	7.6								NO
PB,R	10/19/12					16.91	12.31	6.8	8.2	0.65							NO
PB	10/20/12					22.34		19.8	8.0								NO
PB	10/21/12					10.56		13.2	3.2								NO
PB	10/22/12					0.52		3.2	5.2								NO
PB,R	10/23/12					2.53	1.69	2.6	1.7	0.02							NO
PB,R	10/24/12					1.57	0.85	2.1	0.9	0.01							NO
PB	10/25/12					0.34		2.5	5.2								NO
PB	10/26/12					3.04		8.2	5.4								NO
PB	10/27/12					0.20		5.1	5.3								NO
PB	10/28/12					0.38		4.3	5.0								NO
PB,R,O	10/29/12	8:10 pm	10/30	4:38 AM	12.4 - estimated	1.08	42.20	4.9	8.2	0.54	32	40					NO
PB,R,O	10/30/12	9:59 pm	10/30	10:16 PM	.01 - estimated	38.59	6.20	11.8	6.2	0.04	75	15					NO
PB	10/31/12					33.22		19.5	6.1								NO
					Monthly Total		Monthly Total	Monthly Total	Monthly Total	Monthly Total						Monthly Total	
					12.41 - estimated		122.6	256.2	178.4	2.39						26	

REMARKS:

1. Event Type: This report tracks overflow events (O), rain events (R), pump back events (P), retained volume, wash water, I &I volume, and collection of screenings.
2. Estimated Retained Volume: is the total CSO volume stored in the basins and influent barrels that is pumped back to Tallman Island WPCP.
3. Estimated Retained Volume: is estmated based on the elevation of the cells.
4. Pumped BackVolume: is the actual total flow pumped back to Tallman Island WPCP and consists of both combined sewer overflow (CSO) received during wet weather as well as dry weather inflow.
5. Estimated I&I Volume on dry weather days= pump back volume + change in the total retained volume (7am-7am). On wet weather days, I& I = monthly average of all pump back volumes for all dry weather block periods.
6. Precipitation: Daily rainfall data obtained from Flushing, NY (LaGuardia Airport data) - NOAA Site
7. Please note the values listed in the above table for retained volume and daily I&I volume are estimates; therefore the sum of those two estimated values does not equal the sum of the daily pump-back volumes.
8. According to Daily operation reports, overflow events occurred on both the 29th & 30th.The Daily Retained Volume reports do not show the total retained volumes to have maxed out at the 44.1 MG. The facility is designed to take in and hold a maximum of 44.1 MG, before an overflow occurs.
9.
10.

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative. Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF:	November-12	DESIGN STORM (IN/DAY): approx. 1 inch	DESIGN STORAGE VOLUME: Total 44.1 MG , Tank 28.7 MG, Sewer 15.3 MG	Page 1 of 1
SPDES PERMIT No. NY-0026239	FACILITY NAME Flushing Bay CSO Retention Facility		FACILITY LOCATION Fowler Ave & College Point Blvd, Queens, 11356	

Event Type	Event Start		Event End		Overflow Volume Total per Event	Volume in Storage at 7am	Retained Volume Total per Event	Pumped Back Volume	Estimated I & I Volume	Precipitation Total per Event	BOD5 Average per Overflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Date	Time	Date	Time	MG	MG	MG	MG	MG	inches	mg/l	mg/l	ml/l	mg/l	No./100 ml	cu. yds.	
PB	11/1/12					19.84		14.8	5.9								NO
PB	11/2/12					10.91		10.9	4.4								NO
PB	11/3/12					4.38		7.7	3.6								NO
PB	11/4/12					0.27		3.4	5.2								NO
PB	11/5/12					2.11		5.9	4.9								NO
PB	11/6/12					1.16		4.9	5.1								NO
PB,R	11/7/12					1.40	16.40	1.4	5.7	0.76							NO
PB,R	11/8/12					16.37	16.00	3.2	5.7	0.12							NO
PB	11/9/12					29.97		12.4	7.3								NO
PB	11/10/12					24.87		10.4	6.2								NO
PB	11/11/12					20.62		17.9	7.8								NO
PB	11/12/12					10.56		13.5	3.4								NO
PB,R	11/13/12					0.49	5.32	5.3	5.3	0.01							NO
PB	11/14/12					0.50		4.8	5.4								NO
PB	11/15/12					1.04		5.4	5.3								NO
PB	11/16/12					0.94		3.4	4.9								NO
PB	11/17/12					2.40		6.3	5.4								NO
PB	11/18/12					1.50		2.5	4.1								NO
PB	11/19/12					3.06		4.4	5.6								NO
PB	11/20/12					4.26		9.7	5.8								NO
PB	11/21/12					0.40		4.0	4.6								NO
PB	11/22/12					1.06		6.1	5.5								NO
PB,R	11/23/12					0.40	5.50	4.3	5.5	0.03							NO
PB	11/24/12					1.66		6.4	5.0								NO
PB	11/25/12					0.20		3.7	5.4								NO
PB	11/26/12					1.90		5.2	5.0								NO
PB,R	11/27/12					1.66	14.30	6.7	5.7	0.43							NO
PB	11/28/12					9.21		11.9	3.8								NO
PB	11/29/12					1.17		5.1	5.4								NO
PB	11/30/12					1.50		6.0	6.4								NO
																	NO
					Monthly Total		Monthly Total	Monthly Total	Monthly Total	Monthly Total						Monthly Total	
					0.0		57.5	207.3	159.2	1.35						0	

REMARKS:

1. Event Type: This report tracks overflow events (O), rain events (R), pump back events (P), retained volume, wash water, I &I volume, and collection of screenings.
2. Estimated Retained Volume: is the total CSO volume stored in the basins and influent barrels that is pumped back to Tallman Island WPCP.
3. Estimated Retained Volume: is estmated based on the elevation of the cells.
4. Pumped BackVolume: is the actual total flow pumped back to Tallman Island WPCP and consists of both combined sewer overflow (CSO) received during wet weather as well as dry weather inflow.
5. Estimated I&I Volume on dry weather days= pump back volume + change in the total retained volume (7am-7am). On wet weather days, I& I = monthly average of all pump back volumes for all dry weather block periods.
6. Precipitation: Daily rainfall data obtained from Flushing, NY (LaGuardia Airport data) - NOAA Site
7. Please note the values listed in the above table for retained volume and daily I&I volume are estimates; therefore the sum of those two estimated values does not equal the sum of the daily pump-back volumes.
8. There were no overflow events for the month.
9. There were no screening removals for the month.
10.

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative. Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF: **December-12**

DESIGN STORM (IN/DAY): approx. 1 inch

DESIGN STORAGE VOLUME: Total 44.1 MG , Tank 28.7 MG, Sewer 15.3 MG

SPDES PERMIT No.
NY-0026239

FACILITY NAME
Flushing Bay CSO Retention Facility

FACILITY LOCATION
Fowler Ave & College Point Blvd, Queens, 11356

Event Type	Event Start		Event End		Overflow Volume Total per Event	Volume in Storage at 7am	Retained Volume Total per Event	Pumped Back Volume	Estimated I & I Volume	Precipitation Total per Event	BOD5 Average per Overflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Date	Time	Date	Time	MG	MG	MG	MG	MG	inches	mg/l	mg/l	ml/l	mg/l	No./100 ml	cu. yds.	
	12/1/12					0.44		0.00	1.07								NO
PB,R	12/2/12					1.51	4.90	4.03	4.90	0.03							NO
PB	12/3/12					2.38		6.11	4.72								NO
PB,R	12/4/12					1.00	5.35	4.00	5.35	0.05							NO
PB,R	12/5/12					2.33	4.95	6.89	4.95	0.01							NO
PB	12/6/12					0.39		4.94	4.80								NO
PB,R	12/7/12					0.25	14.10	1.92	10.74	0.10							NO
PB,R	12/8/12					12.44	7.78	12.05	7.78	0.36							NO
PB,R	12/9/12					8.16	12.75	7.86	10.74	0.30							NO
PB,R	12/10/12					13.09	9.00	14.89	9.00	0.03							NO
PB,R	12/11/12					7.19	4.15	9.74	4.15	0.01							NO
PB	12/12/12					1.61		4.66	3.22								NO
PB	12/13/12					0.17		6.55	6.62								NO
PB	12/14/12					0.24		2.90	5.01								NO
PB	12/15/12					2.35		6.61	4.96								NO
PB,R	12/16/12					0.70	9.85	0.78	9.85	0.31							NO
PB,R	12/17/12					9.75	41.00	8.47	10.74	0.25	59	56					NO
PB,R,O	12/18/12	4:47 AM	12/18	1:35 PM	17.4 - estimated	42.28	1.85	19.39	1.85	0.68	29	26	Trace	5.0	T.N.T.C.		YES
PB	12/19/12					24.74		18.40	9.60								NO
PB,R	12/20/12					15.92	8.75	15.45	8.75	0.01							NO
PB,R,O	12/21/12	10:04 AM	12/21	4:23 PM	11.12 - estimated	9.22	31.20	16.68	10.74	0.84	46	60					NO
PB	12/22/12					23.75		14.15	10.74								NO
PB	12/23/12					20.30		18.02	7.25								NO
PB,R	12/24/12					9.54	4.20	12.83	4.20	0.08							NO
PB,R	12/25/12					0.91	5.40	6.00	5.40	0.06							NO
PB,R	12/26/12					0.30	44.00	2.16	10.74	0.54	48	43					NO
PB,R,O	12/27/12	2:00 AM	12/28	3:20 AM	31.8 - estimated	42.36	0.01	3.97	0.01	0.38	80	26	Trace	7.3	T.N.T.C.		YES
PB	12/28/12					36.82		18.99	7.00								NO
PB,R	12/29/12					24.81		13.38	12.00	0.26							NO
PB	12/30/12					23.49		19.73	8.10								NO
PB	12/31/12					11.83		15.42	3.76								NO
					Monthly Total		Monthly Total	Monthly Total	Monthly Total	Monthly Total						Monthly Total	
					60.3 - estimated		209.2	297.0	208.7	4.30						0	

REMARKS:

1. Event Type: This report tracks overflow events (O), rain events (R), pump back events (P), retained volume, wash water, I &I volume, and collection of screenings.
2. Estimated Retained Volume: is the total CSO volume stored in the basins and influent barrels that is pumped back to Tallman Island WPCP.
3. Estimated Retained Volume: is estmated based on the elevation of the cells.
4. Pumped BackVolume: is the actual total flow pumped back to Tallman Island WPCP and consists of both combined sewer overflow (CSO) received during wet weather as well as dry weather inflow.
5. Estimated I&I Volume on dry weather days= pump back volume + change in the total retained volume (7am-7am). On wet weather days, I& I = monthly average of all pump back volumes for all dry weather block periods.
6. Precipitation: Daily rainfall data obtained from Flushing, NY (LaGuardia Airport data) - NOAA Site
7. Please note the values listed in the above table for retained volume and daily I&I volume are estimates; therefore the sum of those two estimated values does not equal the sum of the daily pump-back volumes.
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I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative. Date

ALLEY CREEK CSO RETENTION FACILITY
MONTHLY OPERATION REPORTS, 2012

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF:

DESIGN STORM (IN/DAY): approx. 1 inch

SPDES PERMIT No. NY-0026239

FACILITY NAME: Alley Creek CSO Retention Facility

FACILITY LOCATION: Northern Blvd & Cross Island Pkwy, Queens NY

Event Type	Event Start		Event End		Overflow Volume Total per Event	Volume in Storage at 7am	Retained Volume Total per Event	Pumped Back Volume	Estimated I & I Volume	Precipitation Total per Event	BOD5 Average per Overflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Date	Time	Date	Time	MG	MG	MG	MG	MG	inches	mg/l	mg/l	ml/l	mg/l	No./100 ml	cu. yds.	
PB, R	1/1/12					0.29	0.07	0.28	0.1	0.06							NO
PB	1/2/12					0.08		0.29	0.1								NO
	1/3/12					0.18		0.00	0.1								NO
PB	1/4/12					0.34		0.04	0.2								NO
PB	1/5/12					0.43		0.46	0.2								NO
PB	1/6/12					0.11		0.19	0.2								NO
PB	1/7/12					0.14		0.19	0.2								NO
PB	1/8/12					0.13		0.18	0.2								NO
PB	1/9/12					0.12		0.20	0.2								NO
PB	1/10/12					0.12		0.19	0.2								NO
PB,R	1/11/12					0.14	4.73	0.20	0.7	0.07							NO
PB,R,O	1/12/12	7:25 am	1/12	6:44 PM	4.50	4.87	2.85	0.66	0.7	0.97							NO
R	1/13/12					2.61	0.02	0.00	0.0	0.02							NO
PB	1/14/12					2.63		3.94	1.4								NO
PB	1/15/12					0.06		1.04	1.1								NO
R	1/16/12					0.16	0.22	0.00	0.2	0.02							NO
PB,R	1/17/12					0.35	0.55	0.01	0.6	0.19							NO
PB	1/18/12					0.90		1.01	0.2								NO
	1/19/12					0.06		0.00	0.0								NO
PB	1/20/12					0.15		0.02	0.1								NO
PB,R,O	1/21/12	12:17 pm	1/21	10:50 PM	0.07	0.28	1.90	0.53	0.7	0.30							NO
PB,O	1/22/12	11:24 AM	1/22	4:05 PM	0.01	1.04		0.17	0.9								NO
PB,R	1/23/12					1.80	1.25	0.22	0.7	0.28							NO
PB	1/24/12					2.83		1.07	0.7								NO
PB	1/25/12					2.38		0.22	0.7								NO
PB,R	1/26/12					2.78	0.31	0.13	0.3	0.21							NO
R,O	1/27/12	11:32 AM	1/28	7:58 AM	0.72	2.96	2.19	0.00	0.7	0.39							NO
PB	1/28/12					4.43		1.34	0.7								NO
PB	1/29/12					3.70		3.15	0.7								NO
PB	1/30/12					1.28		0.12	0.7								NO
PB	1/31/12					1.85		0.18	0.7								NO
					Monthly Total		Monthly Total	Monthly Total	Monthly Total	Monthly Total						Monthly Total	
					5.3		14.1	16.0	14.3	2.51						0	

REMARKS:

1. Event Type: This report tracks overflow events (O), rain events (R), pump back events (PB), retained volume, wash water, I &I volume, and collection of screenings.
2. Estimated Retained Volume: is the total CSO volume stored in the basins and influent barrels that is pumped back to Tallman Island WPCP.
3. Estimated Retained Volume: is estmated based on the elevation of the cells.
4. Pumped BackVolume: is the actual total flow pumped back to Tallman Island WPCP and consists of both combined sewer overflow (CSO) received during wet weather as well as dry weather inflow.
5. Estimated I&I Volume on dry weather days= pump back volume + change in the total retained volume (7am-7am). On wet weather days, I& I = monthly average of all pump back volumes for all dry weather block periods.
6. Precipitation: Daily rainfall data obtained from Flushing, NY (LaGuardia Airport data) - NOAA Site
7. Please note the values listed in the above table for retained volume and daily I&I volume are estimates; therefore the sum of those two estimated values does not equal the sum of the daily pump-back volumes.

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative.

Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF:

DESIGN STORM (IN/DAY): approx. 1 inch

SPDES PERMIT No. NY-0026239

FACILITY NAME: Alley Creek CSO Retention Facility

FACILITY LOCATION: Northern Blvd & Cross Island Pkwy, Queens NY

Event Type	Event Start		Event End		Overflow Volume Total per Event	Volume in Storage at 7am	Retained Volume Total per Event	Pumped Back Volume	Estimated I & I Volume	Precipitation Total per Event	BOD5 Average per Overflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Date	Time	Date	Time	MG	MG	MG	MG	MG	inches	mg/l	mg/l	ml/l	mg/l	No./100 ml	cu. yds.	
									0.7								
PB,R	2/1/12					0.38	0.12	0.09	0.1	0.03							NO
	2/2/12					0.40		0.00	0.0								NO
PB	2/3/12					1.59		1.30	0.6								NO
	2/4/12					0.85		0.00	0.6								NO
	2/5/12					0.10		0.00	0.6								NO
PB	2/6/12					0.15		0.58	0.4								NO
PB	2/7/12					0.01		0.03	0.1								NO
R	2/8/12					0.09	0.25	0.00	0.3	0.01							NO
PB	2/9/12					0.34		0.44	0.2								NO
	2/10/12					0.11		0.00	0.2								NO
PB,R,O	2/11/12	12:04 PM	2/11	4:15 PM	0.087	0.31	0.40	0.47	0.4	0.07							NO
PB	2/12/12					0.14		0.23	0.2								NO
	2/13/12					0.12		0.00	0.6								NO
PB,R	2/14/12					0.02	0.50	0.32	0.5	0.02							NO
PB,R	2/15/12					0.17	0.20	0.25	0.2	0.01							NO
R	2/16/12					0.13	0.50	0.00	0.5	0.15							NO
PB,R	2/17/12					0.61	0.20	0.62	0.2	0.02							NO
PB,R	2/18/12					0.17	0.25	0.06	0.3	0.02							NO
PB	2/19/12					0.35		0.05	0.1								NO
	2/20/12					0.48		0.00	0.1								NO
PB	2/21/12					0.60		0.14	0.3								NO
PB	2/22/12					0.15		0.71	0.3								NO
PB	2/23/12					0.17		0.39	0.4								NO
R	2/24/12					1.15	0.70	0.00	0.6	0.60							NO
PB	2/25/12					1.89		2.44	0.6								NO
	2/26/12					0.96		0.00	0.6								NO
PB	2/27/12					0.03		1.18	0.3								NO
	2/28/12					0.16		0.00	0.1								NO
PB,R	2/29/12					0.32	0.50	0.38	0.5	0.41							NO
																	NO
																	NO
					Monthly Total		Monthly Total	Monthly Total	Monthly Total	Monthly Total						Monthly Total	
					0.1		3.6	9.7	9.5	1.34						0	

REMARKS:

1. Event Type: This report tracks overflow events (O), rain events (R), pump back events (PB), retained volume, wash water, I &I volume, and collection of screenings.
2. Estimated Retained Volume: is the total CSO volume stored in the basins and influent barrels that is pumped back to Tallman Island WPCP.
3. Estimated Retained Volume: is estmated based on the elevation of the cells.
4. Pumped BackVolume: is the actual total flow pumped back to Tallman Island WPCP and consists of both combined sewer overflow (CSO) received during wet weather as well as dry weather inflow.
5. Estimated I&I Volume on dry weather days= pump back volume + change in the total retained volume (7am-7am). On wet weather days, I& I = monthly average of all pump back volumes for all dry weather block periods.
6. Precipitation: Daily rainfall data obtained from Flushing, NY (LaGuardia Airport data) - NOAA Site
7. Please note the values listed in the above table for retained volume and daily I&I volume are estimates; therefore the sum of those two estimated values does not equal the sum of the daily pump-back volumes.

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative.

Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF:

DESIGN STORM (IN/DAY): approx. 1 inch

SPDES PERMIT No. NY-0026239

FACILITY NAME: Alley Creek CSO Retention Facility

FACILITY LOCATION: Northern Blvd & Cross Island Pkwy, Queens NY

Event Type	Event Start		Event End		Overflow Volume Total per Event	Volume in Storage at 7am	Retained Volume Total per Event	Pumped Back Volume	Estimated I & I Volume	Precipitation Total per Event	BOD5 Average per Overflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Date	Time	Date	Time	MG	MG	MG	MG	MG	inches	mg/l	mg/l	ml/l	mg/l	No./100 ml	cu. yds.	
						0.32		0.38	0.5								
R	3/1/12					1.66	0.06	0.00	0.1	0.09							NO
P,R	3/2/12					0.94	0.59	2.02	0.2	0.19							NO
P,R	3/3/12					1.52	0.07	2.76	0.1	0.12							NO
	3/4/12					0.02		0.00	0.2								NO
	3/5/12					0.18		0.00	0.3								NO
P	3/6/12					0.34		0.53	0.2								NO
P	3/7/12					0.02		0.02	0.0								NO
	3/8/12					0.04		0.00	0.2								NO
R	3/9/12					0.25	0.11	0.00	0.1	0.02							NO
	3/10/12					0.13		0.00	0.2								NO
P	3/11/12					0.29		0.34	0.2								NO
	3/12/12					0.14		0.00	0.2								NO
P,R	3/13/12					0.35	0.11	0.52	0.1	0.05							NO
	3/14/12					0.02		0.00	0.2								NO
	3/15/12					0.19		0.00	0.2								NO
P,R	3/16/12					0.37	0.10	0.05	0.1	0.03							NO
	3/17/12					0.47		0.00	0.1								NO
P	3/18/12					0.60		0.65	0.2								NO
	3/19/12					0.12		0.00	0.0								NO
P	3/20/12					0.27		0.37	0.2								NO
	3/21/12					0.13		0.00	0.2								NO
	3/22/12					0.31		0.00	0.2								NO
P	3/23/12					0.47		0.17	0.3								NO
P,R	3/24/12					0.49	0.13	0.05	0.1	0.02							NO
	3/25/12					0.59		0.00	0.1								NO
P	3/26/12					0.73		0.78	0.2								NO
P	3/27/12					0.11		0.05	0.2								NO
R	3/28/12					0.25	0.21	0.00	0.2	0.03							NO
P	3/29/12					0.46		0.06	0.3								NO
P,R	3/30/12					0.52	3.17	0.60	0.2	0.10							NO
P,R	3/31/12					3.18	0.20	2.32	0.2	0.35							NO
						1.01											
					Monthly Total		Monthly Total	Monthly Total	Monthly Total	Monthly Total						Monthly Total	
					0.0		4.8	11.3	5.5	1.00						0	

REMARKS:

1. Event Type: This report tracks overflow events (O), rain events (R), pump back events (P), retained volume, wash water, I &I volume, and collection of screenings.
2. Estimated Retained Volume: is the total CSO volume stored in the basins and influent barrels that is pumped back to Tallman Island WPCP.
3. Estimated Retained Volume: is estmated based on the elevation of the cells.
4. Pumped BackVolume: is the actual total flow pumped back to Tallman Island WPCP and consists of both combined sewer overflow (CSO) received during wet weather as well as dry weather inflow.
5. Estimated I&I Volume on dry weather days= pump back volume + change in the total retained volume (7am-7am). On wet weather days, I& I = monthly average of all pump back volumes for all dry weather block periods.
6. Precipitation: Daily rainfall data obtained from Flushing, NY (LaGuardia Airport data) - NOAA Site
7. Please note the values listed in the above table for retained volume and daily I&I volume are estimates; therefore the sum of those two estimated values does not equal the sum of the daily pump-back volumes.
8. **There were no overflow events during this month for this facility.**

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative. Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF:

DESIGN STORM (IN/DAY): approx. 1 inch

SPDES PERMIT No. NY-0026239

FACILITY NAME: Alley Creek CSO Retention Facility

FACILITY LOCATION: Northern Blvd & Cross Island Pkwy, Queens NY

Event Type	Event Start		Event End		Overflow Volume Total per Event	Volume in Storage at 7am (SCADA)	Retained Volume Total per Event	Pumped Back Volume	Estimated I & I Volume	Precipitation Total per Event	BOD5 Average per Overflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Date	Time	Date	Time	MG	MG	MG	MG	MG	inches	mg/l	mg/l	ml/l	mg/l	No./100 ml	cu. yds.	
R	4/1/12					1.01	4.04	0.00	0.1	0.56							NO
PB,R	4/2/12					4.98	0.50	4.96	0.1	0.04							NO
	4/3/12					0.54		0.00	0.1								NO
	4/4/12					0.15		0.00	0.1								NO
PB	4/5/12					0.30		0.08	0.1								NO
	4/6/12					0.13		0.00	0.2								NO
PB	4/7/12					0.29		0.42	0.2								NO
	4/8/12					0.03		0.00	0.2								NO
PB	4/9/12					0.19		0.24	0.2								NO
PB	4/10/12					0.14		0.20	0.2								NO
PB	4/11/12					0.13		0.05	0.1								NO
	4/12/12					0.13		0.00	0.1								NO
PB	4/13/12					0.26		0.07	0.2								NO
	4/14/12					0.39		0.00	0.1								NO
PB	4/15/12					0.46		0.55	0.1								NO
PB	4/16/12					0.14		0.20	0.2								NO
PB	4/17/12					0.13		0.31	0.2								NO
PB,R	4/18/12					0.02	0.25	0.09	0.1	0.02							NO
PB,R	4/19/12					0.17	0.20	0.24	0.1	0.03							NO
PB	4/20/12					0.13		0.01	0.1								NO
PB,R	4/21/12					0.26	1.17	0.15	0.1	0.35							NO
PB,R,O	4/22/12	7:04 PM	4/23	12:00 AM	5.4	1.13	5.21	1.10	0.1	1.90							NO
PB,R,O	4/23/12	12:00 AM	4/23	6:00PM	19.6	5.60	0.10	4.34	0.1	0.23							NO
	4/24/12					2.28		0.00	0.1								NO
	4/25/12					1.97		0.00	0.1								NO
PB,R	4/26/12					1.97	0.50	0.48	0.1	0.03							NO
PB,R	4/27/12					1.97	0.20	0.16	0.1	0.02							NO
PB	4/28/12					0.07		0.22	0.1								NO
PB	4/29/12					0.06		0.19	0.2								NO
	4/30/12					0.07		0.00	0.0								NO
																	NO
					Monthly Total		Monthly Total	Monthly Total	Monthly Total	Monthly Total						Monthly Total	
					25.0		12.2	14.1	4.3	3.18						0	

REMARKS:

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5. Estimated I&I Volume on dry weather days= pump back volume + change in the total retained volume (7am-7am). On wet weather days, I& I = monthly average of all pump back volumes for all dry weather block periods.
6. Precipitation: Daily rainfall data obtained from Flushing, NY (LaGuardia Airport data) - NOAA Site
7. Please note the values listed in the above table for retained volume and daily I&I volume are estimates; therefore the sum of those two estimated values does not equal the sum of the daily pump-back volumes.

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Signature of Chief Operator or Designated Facility Representative.

Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF:

DESIGN STORM (IN/DAY): approx. 1 inch

SPDES PERMIT No. NY-0026239

FACILITY NAME: Alley Creek CSO Retention Facility

FACILITY LOCATION: Northern Blvd & Cross Island Pkwy, Queens NY

Event Type	Event Start		Event End		Overflow Volume Total per Event	Volume in Storage at 7am	Retained Volume Total per Event	Pumped Back Volume	Estimated I & I Volume	Precipitation Total per Event	BOD5 Average per Overflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Date	Time	Date	Time	MG	MG	MG	MG	MG	inches	mg/l	mg/l	ml/l	mg/l	No./100 ml	cu. yds.	
PB,R	5/1/12					2.80	1.60	1.01	1.0	0.73							NO
PB,R	5/2/12					3.34	3.00	1.52	1.0	0.03							NO
PB,R	5/3/12					4.85	2.95	2.63	1.0	0.32							NO
R,O	5/4/12	7:00 AM	5/4	1:52 PM	1.4	5.19	1.00	0.00	1.0	0.26							NO
PB	5/5/12					1.98		4.76	1.5								NO
PB	5/6/12					1.98		0.87	1.0								NO
PB	5/7/12					0.05		0.16	0.2								NO
R	5/8/12					0.07	1.90	0.00	1.0	0.04							NO
PB,R	5/9/12					1.97	4.10	1.63	1.0	0.43							NO
PB,R	5/10/12					4.32	1.20	2.13	1.0	0.16							NO
PB	5/11/12					3.38		3.30	1.0								NO
PB	5/12/12					0.04		0.37	0.3								NO
	5/13/12					0.01		0.00	1.8								NO
R	5/14/12					1.78	0.90	0.00	0.9	0.01							NO
R,O	5/15/12	4:13 PM	5/16	1:20 AM	0.1	0.06	4.23	0.00	1.0	0.46							NO
PB,R	5/16/12					4.27	2.10	4.39	1.0	0.06							NO
PB	5/17/12					1.97		0.25	1.0								NO
	5/18/12					0.01		0.00	1.8								NO
	5/19/12					1.79		0.00	0.0								NO
PB	5/20/12					1.93		1.90	1.0								NO
R,O	5/21/12	10:21 AM	5/22	5:32 AM	7.0	0.01	5.20	0.00	1.0	1.08							NO
PB,R	5/22/12					5.32	1.00	4.35	1.0	0.16							NO
PB,R	5/23/12					1.98	1.00	1.40	1.0	0.01							NO
PB,R	5/24/12					1.58	0.40	0.04	0.4	0.53							NO
PB	5/25/12					1.97		1.30	1.7								NO
R	5/26/12					1.96	0.06	0.00	0.1	0.26							NO
PB,R	5/27/12					2.01	0.75	0.71	0.8	0.04							NO
PB	5/28/12					2.06		0.27	0.3								NO
PB,R	5/29/12					1.96	1.00	1.11	1.0	0.09							NO
PB	5/30/12					1.80		0.21	0.1								NO
	5/31/12					1.76		0.00	1.0								NO
					Monthly Total		Monthly Total	Monthly Total	Monthly Total	Monthly Total						Monthly Total	
					8.5		32.4	34.3	27.3	4.67						0	

REMARKS:

1. Event Type: This report tracks overflow events (O), rain events (R), pump back events (P), retained volume, wash water, I &I volume, and collection of screenings.
2. Estimated Retained Volume: is the total CSO volume stored in the basins and influent barrels that is pumped back to Tallman Island WPCP.
3. Estimated Retained Volume: is estmated based on the elevation of the cells.
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5. Estimated I&I Volume on dry weather days= pump back volume + change in the total retained volume (7am-7am). On wet weather days, I& I = monthly average of all pump back volumes for all dry weather block periods.
6. Precipitation: Daily rainfall data obtained from Flushing, NY (LaGuardia Airport data) - NOAA Site
7. Please note the values listed in the above table for retained volume and daily I&I volume are estimates; therefore the sum of those two estimated values does not equal the sum of the daily pump-back volumes.

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative.

Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF:

DESIGN STORM (IN/DAY): approx. 1 inch

SPDES PERMIT No. NY-0026239

FACILITY NAME: Alley Creek CSO Retention Facility

FACILITY LOCATION: Northern Blvd & Cross Island Pkwy, Queens NY

Event Type	Event Start		Event End		Overflow Volume Total per Event	Volume in Storage at 7am	Retained Volume Total per Event	Pumped Back Volume	Estimated I & I Volume	Precipitation Total per Event	BOD5 Average per Overflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Date	Time	Date	Time	MG	MG	MG	MG	MG	inches	mg/l	mg/l	ml/l	mg/l	No./100 ml	cu. yds.	
PB,R	6/1/12					1.90	2.40	0.03	1.1	0.45							NO
PB,R,O	6/2/12	1:32 AM	6/2	8:58 AM	3.9	4.29	5.50	3.99	1.1	0.66							NO
PB,R	6/3/12					1.98	0.50	0.54	0.5	0.01							NO
R	6/4/12					1.97	1.24	0.00	1.1	0.26							NO
PB	6/5/12					3.21		2.36	0.0								NO
	6/6/12					0.05		0.00	1.8								NO
PB,R	6/7/12					1.88	0.20	0.30	0.2	0.10							NO
	6/8/12					1.78		0.00	0.2								NO
PB	6/9/12					1.93		0.15	0.2								NO
R	6/10/12					1.97	0.01	0.00	0.2	0.02							NO
	6/11/12					1.97		0.94	0.7								NO
PB,R,O	6/12/12	11:36 PM	6/13	1:44 PM	9.7	1.76	2.80	0.21	1.1	0.91							NO
PB,R	6/13/12					4.37	0.90	2.62	0.9	0.59							NO
PB	6/14/12					2.66		2.97	0.3								NO
	6/15/12					0.01		0.00	1.8								NO
PB	6/16/12					1.84		0.31	0.2								NO
PB	6/17/12					1.75		0.20	0.0								NO
PB	6/18/12					0.07		0.19	0.1								NO
PB	6/19/12					0.01		0.05	0.2								NO
PB	6/20/12					0.12		0.19	0.3								NO
PB	6/21/12					0.16		0.20	0.2								NO
PB,R,O	6/22/12	3:26 PM	6/23	10:58 AM	8.4	0.20	5.50	0.23	1.1	0.56							NO
PB,R	6/23/12					5.46		4.64	0.0	0.11							NO
R	6/24/12					0.42	0.15	0.00	0.2	0.05							NO
PB,R	6/25/12	5:07 PM	6/26	1:31 AM	5.7	0.56	3.35	0.71	1.1	0.28							NO
PB	6/26/12					3.22		5.13	2.3								NO
	6/27/12					0.41		0.00	0.9								NO
PB	6/28/12					1.23		0.05	0.0								NO
PB	6/29/12					0.99		1.40	0.9								NO
R	6/30/12					0.45	0.80	0.00	0.8	0.19							NO
																	NO
					Monthly Total		Monthly Total	Monthly Total	Monthly Total	Monthly Total						Monthly Total	
					27.7		23.4	27.4	19.4	4.19						0	

REMARKS:

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2. Estimated Retained Volume: is the total CSO volume stored in the basins and influent barrels that is pumped back to Tallman Island WPCP.
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Signature of Chief Operator or Designated Facility Representative.

Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF:

DESIGN STORM (IN/DAY): approx. 1 inch

SPDES PERMIT No. NY-0026239

FACILITY NAME: Alley Creek CSO Retention Facility

FACILITY LOCATION: Northern Blvd & Cross Island Pkwy, Queens NY

Event Type	Event Start		Event End		Overflow Volume Total per Event	Volume in Storage at 7am	Retained Volume Total per Event	Pumped Back Volume	Estimated I & I Volume	Precipitation Total per Event	BOD5 Average per Overflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Date	Time	Date	Time	MG	MG	MG	MG	MG	inches	mg/l	mg/l	ml/l	mg/l	No./100 ml	cu. yds.	
PB	7/1/12					0.97		0.38	0.1								NO
	7/2/12					0.21		0.00	0.7								NO
	7/3/12					0.91		0.00	0.0								NO
PB,R	7/4/12					0.52	0.50	0.77	0.5	0.05							NO
PB	7/5/12					0.21		0.11	0.3								NO
	7/6/12					0.40		0.00	0.2								NO
PB,R	7/7/12					0.57	1.94	0.05	0.9	0.24							NO
PB,R	7/8/12					2.48	0.10	2.18	0.1	0.07							NO
	7/9/12					0.40		0.00	0.1								NO
PB	7/10/12					0.51		0.20	0.2								NO
PB	7/11/12					0.48		0.19	0.2								NO
	7/12/12					0.47		0.00	0.1								NO
PB	7/13/12					0.38		0.35	0.4								NO
PB	7/14/12					0.42		0.43	0.4								NO
PB,R	7/15/12					0.39	0.60	0.07	0.6	0.35							NO
PB	7/16/12					0.93		1.99	1.4								NO
PB	7/17/12					0.38		0.22	0.2								NO
PB,R,O	7/18/12	4:49 PM	7/19	1:10AM	7.6	0.38	5.20	0.37	0.9	1.83							NO
PB,R	7/19/12					3.49	1.75	4.83	0.9	0.01							NO
R	7/20/12					0.40	0.15	0.00	0.2	0.47							NO
	7/21/12					0.54		0.00	0.1								NO
PB	7/22/12					0.42		2.81	2.8								NO
PB,R	7/23/12					0.45	0.32	0.29	0.3	0.07							NO
PB	7/24/12					0.44		0.53	1.4								NO
PB	7/25/12					1.26		0.89	2.2								NO
PB,R	7/26/12					2.62	1.50	0.08	0.9	0.42							NO
PB	7/27/12					4.09		3.68	1.5								NO
PB,R	7/28/12					1.84	0.01	0.87	0.1	0.26							NO
PB	7/29/12					0.86		0.37	0.4								NO
PB	7/30/12					0.84		0.24	0.1								NO
PB	7/31/12					0.36		1.07	0.6								NO
					Monthly Total		Monthly Total	Monthly Total	Monthly Total	Monthly Total						Monthly Total	
					7.6		12.1	23.0	18.6	3.77						0	

REMARKS:

1. Event Type: This report tracks overflow events (O), rain events (R), pump back events (P), retained volume, wash water, I &I volume, and collection of screenings.
2. Estimated Retained Volume: is the total CSO volume stored in the basins and influent barrels that is pumped back to Tallman Island WPCP.
3. Estimated Retained Volume: is estmated based on the elevation of the cells.
4. Pumped BackVolume: is the actual total flow pumped back to Tallman Island WPCP and consists of both combined sewer overflow (CSO) received during wet weather as well as dry weather inflow.
5. Estimated I&I Volume on dry weather days= pump back volume + change in the total retained volume (7am-7am). On wet weather days, I& I = monthly average of all pump back volumes for all dry weather block periods.
6. Precipitation: Daily rainfall data obtained from Flushing, NY (LaGuardia Airport data) - NOAA Site
7. Please note the values listed in the above table for retained volume and daily I&I volume are estimates; therefore the sum of those two estimated values does not equal the sum of the daily pump-back volumes.

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative.

Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF:

DESIGN STORM (IN/DAY): approx. 1 inch

SPDES PERMIT No. NY-0026239

FACILITY NAME: Alley Creek CSO Retention Facility

FACILITY LOCATION: Northern Blvd & Cross Island Pkwy, Queens NY

Event Type	Event Start		Event End		Overflow Volume Total per Event	Volume in Storage at 7am	Retained Volume Total per Event	Pumped Back Volume	Estimated I & I Volume	Precipitation Total per Event	BOD5 Average per Overflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Date	Time	Date	Time	MG	MG	MG	MG	MG	inches	mg/l	mg/l	ml/l	mg/l	No./100 ml	cu. yds.	
PB,R,O	8/1/12	11:58 AM	8/2	9:17 PM	6.9	0.37	3.60	0.14	1.8	0.39							NO
PB	8/2/12					3.87		4.60	3.9								NO
PB	8/3/12					3.24		0.38	0.3								NO
PB	8/4/12					3.11		0.02	0.2								NO
PB,R	8/5/12					3.19	0.25	0.23	0.3	0.29							NO
PB,R	8/6/12					3.22	0.50	0.80	0.5	0.01							NO
PB	8/7/12					2.97		2.90	0.0								NO
PB	8/8/12					0.08		0.04	0.2								NO
PB	8/9/12					0.24		0.09	0.4								NO
R,O	8/10/12	1:00PM	8/10	9:57 PM	7.1	0.57	1.40	0.00	1.4	0.31							NO
PB	8/11/12					1.98		4.41	3.4								NO
PB	8/12/12					1.00		0.35	0.4								NO
PB	8/13/12					1.07		0.49	0.4								NO
PB,R	8/14/12					1.01	0.25	0.30	0.3	0.05							NO
PB,R,O	8/15/12	2:12 PM	8/16	4:23 AM	2.3	0.98	1.90	0.27	1.8	0.62							NO
	8/16/12					2.60		0.00	0.0								NO
	8/17/12					2.28		0.00	1.2								NO
PB,R	8/18/12					3.46	0.05	0.84	0.1	0.38							NO
PB	8/19/12					2.40		3.87	2.5								NO
	8/20/12					1.02		0.00	2.2								NO
PB	8/21/12					3.25		1.70	0.0								NO
PB	8/22/12					1.52		0.90	1.7								NO
	8/23/12					2.32		0.00	0.0								NO
	8/24/12					2.33		0.00	0.0								NO
PB	8/25/12					2.33		1.70	0.0								NO
	8/26/12					0.64		0.00	1.6								NO
PB,R,O	8/27/12	1:25 PM	8/27	8:06 PM	1.5	2.32	3.40	4.03	1.8	0.77							NO
PB,R	8/28/12					1.61	0.10	1.67	0.0	0.13							NO
	8/29/12					0.05		0.00	0.0								NO
	8/30/12					0.05		0.00	0.0								NO
PB	8/31/12					0.05		2.00	2.0								NO
					Monthly Total		Monthly Total	Monthly Total	Monthly Total	Monthly Total						Monthly Total	
					17.7		11.5	31.7	28.1	2.95						0	

REMARKS:

1. Event Type: This report tracks overflow events (O), rain events (R), pump back events (P), retained volume, wash water, I &I volume, and collection of screenings.
2. Estimated Retained Volume: is the total CSO volume stored in the basins and influent barrels that is pumped back to Tallman Island WPCP.
3. Estimated Retained Volume: is estmated based on the elevation of the cells.
4. Pumped BackVolume: is the actual total flow pumped back to Tallman Island WPCP and consists of both combined sewer overflow (CSO) received during wet weather as well as dry weather inflow.
5. Estimated I&I Volume on dry weather days= pump back volume + change in the total retained volume (7am-7am). On wet weather days, I& I = monthly average of all pump back volumes for all dry weather block periods.
6. Precipitation: Daily rainfall data obtained from Flushing, NY (LaGuardia Airport data) - NOAA Site
7. Please note the values listed in the above table for retained volume and daily I&I volume are estimates; therefore the sum of those two estimated values does not equal the sum of the daily pump-back volumes.

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative.

Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF:

DESIGN STORM (IN/DAY): approx. 1 inch

SPDES PERMIT No. NY-0026239

FACILITY NAME: Alley Creek CSO Retention Facility

FACILITY LOCATION: Northern Blvd & Cross Island Pkwy, Queens NY

Event Type	Event Start		Event End		Overflow Volume Total per Event	Volume in Storage at 7am	Retained Volume Total per Event	Pumped Back Volume	Estimated I & I Volume	Precipitation Total per Event	BOD5 Average per Overflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Date	Time	Date	Time	MG	MG	MG	MG	MG	inches	mg/l	mg/l	ml/l	mg/l	No./100 ml	cu. yds.	
PB	9/1/12					0.05		0.07	0.2								NO
	9/2/12					0.20		0.00	0.0								NO
PB	9/3/12					0.04		0.64	4.2								NO
PB,R,O	9/4/12	12:14 PM	9/4	8:35 PM	0.54	3.60	2.75	1.34	1.3	0.14							NO
PB,R,O	9/5/12	11:42 AM	9/5	8:44 PM	1.54	4.47	1.48	1.18	1.3	0.48							NO
PB	9/6/12					3.20		4.49	2.3								NO
PB	9/7/12					1.03		0.01	0.0								NO
PB,R	9/8/12					0.98	4.71	0.19	1.3	1.18							NO
PB	9/9/12					5.41		4.45	0.0								NO
PB	9/10/12					0.98		3.84	3.6								NO
PB	9/11/12					0.70		0.45	2.3								NO
PB	9/12/12					2.59		0.65	0.4								NO
	9/13/12					2.30		0.00	0.1								NO
PB	9/14/12					2.38		2.18	0.0								NO
PB	9/15/12					0.19		0.13	0.2								NO
PB	9/16/12					0.29		0.12	0.2								NO
PB	9/17/12					0.39		0.50	0.2								NO
R,O	9/18/12	10:58 PM	9/19	5:12 AM	3.85	0.06	5.60	0.00	1.3	1.62							NO
PB	9/19/12					1.81		1.50	0.9								NO
	9/20/12					1.14		0.00	0.0								NO
PB	9/21/12					0.94		0.85	0.0								NO
PB,R	9/22/12					0.08	1.48	0.66	1.5	0.18							NO
PB	9/23/12					0.91		0.87	0.0								NO
	9/24/12					0.04		0.00	0.1								NO
PB	9/25/12					0.16		0.08	0.2								NO
PB	9/26/12					0.28		0.34	0.5								NO
PB,R	9/27/12					0.43	0.76	0.13	0.8	0.03							NO
R	9/28/12					1.06	4.43	0.00	1.3	1.32							NO
PB	9/29/12					5.41		4.40	0.0								NO
R	9/30/12					1.01	0.10	0.00	0.1	0.11							NO
					Monthly Total		Monthly Total	Monthly Total	Monthly Total	Monthly Total						Monthly Total	
					5.9		21.3	29.1	24.1	5.06						0	

REMARKS:

1. Event Type: This report tracks overflow events (O), rain events (R), pump back events (P), retained volume, wash water, I &I volume, and collection of screenings.
2. Estimated Retained Volume: is the total CSO volume stored in the basins and influent barrels that is pumped back to Tallman Island WPCP.
3. Estimated Retained Volume: is estmated based on the elevation of the cells.
4. Pumped BackVolume: is the actual total flow pumped back to Tallman Island WPCP and consists of both combined sewer overflow (CSO) received during wet weather as well as dry weather inflow.
5. Estimated I&I Volume on dry weather days= pump back volume + change in the total retained volume (7am-7am). On wet weather days, I& I = monthly average of all pump back volumes for all dry weather block periods.
6. Precipitation: Daily rainfall data obtained from Flushing, NY (LaGuardia Airport data) - NOAA Site
7. Please note the values listed in the above table for retained volume and daily I&I volume are estimates; therefore the sum of those two estimated values does not equal the sum of the daily pump-back volumes.

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative.

Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF:	October-12	DESIGN STORM (IN/DAY): approx. 1 inch	Page 1 of 1
SPDES PERMIT No. NY-0026239	FACILITY NAME Alley Creek CSO Retention Facility		FACILITY LOCATION Northern Blvd & Cross Island Pkwy, Queens NY

Event Type	Event Start		Event End		Overflow Volume Total per Event	Volume in Storage at 7am	Retained Volume Total per Event	Pumped Back Volume	Estimated I & I Volume	Precipitation Total per Event	Facility Manned			
	Date	Time	Date	Time	MG	MG	MG	MG	MG	inches				
	10/1/12					1.00		0.00	0.1		NO			
PB,R	10/2/12					1.01	2.00	1.40	1.1	0.39	NO			
PB	10/3/12					1.62		1.90	1.0		NO			
PB	10/4/12					0.79		0.24	0.9		NO			
PB	10/5/12					1.44		0.00	1.7		NO			
	10/6/12					3.19		0.00	0.1		NO			
PB,R	10/7/12					3.25	0.30	0.10	0.3	0.19	NO			
PB	10/8/12					3.17		0.73	0.0		NO			
R	10/9/12					1.81	0.37	0.00	0.4	0.06	NO			
PB,R	10/10/12					2.32	1.67	2.80	1.1	0.21	NO			
PB	10/11/12					1.17		1.09	1.2		NO			
PB	10/12/12					1.31		0.24	0.2		NO			
PB	10/13/12					1.31		0.19	0.1		NO			
PB	10/14/12					1.17		1.15	0.0		NO			
R	10/15/12	7:07 PM	10/16	2:28 AM	2.40	0.02	1.10	0.00	1.1	0.28	NO			
PB	10/16/12					1.15		4.75	4.4		NO			
	10/17/12					0.82		0.00	1.2		NO			
	10/18/12					2.03		0.00	0.3		NO			
R	10/19/12					2.31	1.94	0.00	1.1	0.65	NO			
	10/20/12					3.19		0.00	0.0		NO			
	10/21/12					3.13		0.00	0.0		NO			
PB	10/22/12					3.13		2.58	0.3		NO			
PB,R	10/23/12					0.85	0.05	0.10	0.1	0.02	NO			
R	10/24/12					0.81	0.01	0.00	0.0	0.01	NO			
PB	10/25/12					0.89		0.96	0.1		NO			
	10/26/12					0.04		0.00	0.1		NO			
PB	10/27/12					0.16		0.07	0.2		NO			
PB	10/28/12					0.29		0.04	0.2		NO			
R	10/29/12					0.42	2.70	0.00	1.1	0.54	NO			
R	10/30/12					3.13	0.05	0.00	0.1	0.04	NO			
	10/31/12					3.13		0.00	0.0		NO			
					Monthly Total		Monthly Total	Monthly Total	Monthly Total	Monthly Total				
					2.4		10.2	18.3	18.2	2.39				

REMARKS:

1. Event Type: This report tracks overflow events (O), rain events (R), pump back events (P), retained volume, wash water, I &I volume, and collection of screenings.
2. Estimated Retained Volume: is the total CSO volume stored in the basins and influent barrels that is pumped back to Tallman Island WPCP.
3. Estimated Retained Volume: is estmated based on the elevation of the cells.
4. Pumped BackVolume: is the actual total flow pumped back to Tallman Island WPCP and consists of both combined sewer overflow (CSO) received during wet weather as well as dry weather inflow.
5. Estimated I&I Volume on dry weather days= pump back volume + change in the total retained volume (7am-7am). On wet weather days, I& I = monthly average of all pump back volumes for all dry weather block periods.
6. Precipitation: Daily rainfall data obtained from Flushing, NY (LaGuardia Airport data) - NOAA Site
7. Please note the values listed in the above table for retained volume and daily I&I volume are estimates; therefore the sum of those two estimated values does not equal the sum of the daily pump-back volumes.
8. **7am volume in storage for the 18th is estimated. No SCADA data for that day.**
9. **SCADA reports an overflow event for the 15th. However level and storage report for that day shows a maximum total retained volume of 3.38 MG. Overflow occurs at 5.5 MG, when facility capacity is maxed out.**

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative.

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF: **November-12**

DESIGN STORM (IN/DAY): approx. 1 inch

SPDES PERMIT No. NY-0026239

FACILITY NAME: Alley Creek CSO Retention Facility

FACILITY LOCATION: Northern Blvd & Cross Island Pkwy, Queens NY

Event Type	Event Start		Event End		Overflow Volume Total per Event	Volume in Storage at 7am	Retained Volume Total per Event	Pumped Back Volume	Estimated I & I Volume	Precipitation Total per Event	Facility Manned			
	Date	Time	Date	Time	MG	MG	MG	MG	MG	inches				
						3.13		0.00	0.0					
	11/1/12					3.12		0.00	0.0		NO			
	11/2/12					3.12		0.00	0.0		NO			
	11/3/12					0.92		0.00	0.0		NO			
PB	11/4/12					0.37		4.37	4.1		NO			
PB	11/5/12					0.03		1.03	1.1		NO			
	11/6/12					0.11		0.00	0.1		NO			
R	11/7/12					0.25	2.30	0.00	0.6	0.76	NO			
R	11/8/12					2.55	0.70	0.00	0.6	0.12	NO			
	11/9/12					3.24		0.00	0.0		NO			
	11/10/12					3.24		0.00	0.0		NO			
	11/11/12					3.14		0.00	0.0		NO			
PB	11/12/12					3.13		1.21	0.3		NO			
PB,R	11/13/12					2.23	0.50	0.84	0.5	0.01	NO			
PB	11/14/12					1.88		0.90	0.6		NO			
	11/15/12					1.54		0.00	0.1		NO			
PB	11/16/12					1.60		1.16	0.7		NO			
PB	11/17/12					1.14		0.50	0.3		NO			
PB	11/18/12					0.94		0.51	0.4		NO			
	11/19/12					0.82		0.00	0.0		NO			
PB	11/20/12					0.79		0.25	0.2		NO			
PB	11/21/12					0.70		1.00	0.4		NO			
	11/22/12					0.04		0.00	0.2		NO			
R	11/23/12					0.19	0.20	0.00	0.2	0.03	NO			
	11/24/12					0.37		0.00	0.1		NO			
	11/25/12					0.49		0.00	0.1		NO			
	11/26/12					0.60		0.00	0.1		NO			
R	11/27/12					0.71	0.15	0.00	0.2	0.43	NO			
PB	11/28/12					0.85		2.57	1.9		NO			
	11/29/12					0.13		0.00	0.0		NO			
PB	11/30/12					0.04		0.39	0.3		NO			
					Monthly Total		Monthly Total	Monthly Total	Monthly Total	Monthly Total				
					0.0		3.9	14.7	12.8	1.35				

REMARKS:

1. Event Type: This report tracks overflow events (O), rain events (R), pump back events (P), retained volume, wash water, I &I volume, and collection of screenings.
2. Estimated Retained Volume: is the total CSO volume stored in the basins and influent barrels that is pumped back to Tallman Island WPCP.
3. Estimated Retained Volume: is estmated based on the elevation of the cells.
4. Pumped BackVolume: is the actual total flow pumped back to Tallman Island WPCP and consists of both combined sewer overflow (CSO) received during wet weather as well as dry weather inflow.
5. Estimated I&I Volume on dry weather days= pump back volume + change in the total retained volume (7am-7am). On wet weather days, I& I = monthly average of all pump back volumes for all dry weather block periods.
6. Precipitation: Daily rainfall data obtained from Flushing, NY (LaGuardia Airport data) - NOAA Site
7. Please note the values listed in the above table for retained volume and daily I&I volume are estimates; therefore the sum of those two estimated values does not equal the sum of the daily pump-back volumes.
8. **There were no overflow events for the month.**
9.

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative.

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF:	December-12	DESIGN STORM (IN/DAY): approx. 1 inch	Page 1 of 1
SPDES PERMIT No. NY-0026239	FACILITY NAME Alley Creek CSO Retention Facility		FACILITY LOCATION Northern Blvd & Cross Island Pkwy, Queens NY

Event Type	Event Start		Event End		Overflow Volume Total per Event	Volume in Storage at 7am	Retained Volume Total per Event	Pumped Back Volume	Estimated I & I Volume	Precipitation Total per Event	Facility Manned			
	Date	Time	Date	Time	MG	MG	MG	MG	MG	inches				
PB	12/1/12					0.04		0.30	0.3		NO			
R	12/2/12					0.08	0.01	0.00	0.0	0.03	NO			
	12/3/12					0.04		0.00	0.0		NO			
R	12/4/12					0.04	0.01	0.00	0.0	0.05	NO			
R	12/5/12					0.04	0.01	0.00	0.0	0.01	NO			
	12/6/12					0.04		0.00	0.0		NO			
PB,R	12/7/12					0.05	2.98	1.77	1.0	0.10	NO			
PB,R	12/8/12					1.27	0.83	1.10	0.8	0.36	NO			
PB,R	12/9/12					0.99	1.25	0.28	1.0	0.30	NO			
PB,R	12/10/12					1.96	1.75	2.73	1.0	0.03	NO			
PB,R	12/11/12					0.97	0.50	0.59	0.5	0.01	NO			
PB	12/12/12					0.89		0.30	0.3		NO			
PB	12/13/12					0.86		0.23	0.3		NO			
	12/14/12					0.95		0.00	0.0		NO			
PB	12/15/12					0.90		0.68	0.0		NO			
PB,R	12/16/12					0.01	1.95	0.84	1.0	0.31	NO			
PB,R	12/17/12					1.12	4.01	1.96	1.0	0.25	NO			
R,O	12/18/12	1:47 AM	12/19	12:17 AM	1.54	3.18	0.05	0.00	0.1	0.68	NO			
PB	12/19/12					1.69		2.48	1.7		NO			
PB,R	12/20/12					0.88	4.15	2.53	1.0	0.01	NO			
PB,R,O	12/21/12	7:04 AM	12/22	1:06 AM	7.25	2.48	5.50	0.60	1.0	0.84	NO			
PB	12/22/12					0.15		3.46	4.2		NO			
PB	12/23/12					0.86		0.80	0.1		NO			
PB,R	12/24/12					0.11	0.50	0.34	0.5	0.08	NO			
PB,R	12/25/12					0.28	0.25	0.30	0.3	0.06	NO			
PB,R,O	12/26/12	10:09 PM	12/28	7:14 AM	15.86	0.23	5.50	0.15	1.0	0.54	NO			
PB,R	12/27/12					3.39	0.01	0.40	0.0	0.38	NO			
PB	12/28/12					2.98		1.76	0.8		NO			
PB,R	12/29/12					2.00	1.25	0.18	1.0	0.26	NO			
PB	12/30/12					3.06		1.24	0.4		NO			
PB	12/31/12					2.14		0.98	0.1		NO			
					Monthly Total		Monthly Total	Monthly Total	Monthly Total	Monthly Total				
					24.7		30.5	26.0	19.0	4.30				

REMARKS:

1. Event Type: This report tracks overflow events (O), rain events (R), pump back events (P), retained volume, wash water, I &I volume, and collection of screenings.
2. Estimated Retained Volume: is the total CSO volume stored in the basins and influent barrels that is pumped back to Tallman Island WPCP.
3. Estimated Retained Volume: is estmated based on the elevation of the cells.
4. Pumped BackVolume: is the actual total flow pumped back to Tallman Island WPCP and consists of both combined sewer overflow (CSO) received during wet weather as well as dry weather inflow.
5. Estimated I&I Volume on dry weather days= pump back volume + change in the total retained volume (7am-7am). On wet weather days, I& I = monthly average of all pump back volumes for all dry weather block periods.
6. Precipitation: Daily rainfall data obtained from Flushing, NY (LaGuardia Airport data) - NOAA Site
7. Please note the values listed in the above table for retained volume and daily I&I volume are estimates; therefore the sum of those two estimated values does not equal the sum of the daily pump-back volumes.
8. **SCADA reports an overflow event for the 21. However level and storage report for the 21st shows a maximum total retained volume of 3.41 MG. Overflow occurs at 5.5 MG, when facility capacity is maxed out.**

9 **SCADA reports an overflow event from the 26-28. However level and storage report for the 27th shows a maximum total retained volume of 3.41 MG. Overflow occurs at 5.5 MG, when facility capacity is maxed out.**

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative.

PAERDEGAT BASIN CSO RETENTION FACILITY MONTHLY OPERATION REPORTS, 2012

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF: Jan-12

DESIGN STORAGE VOLUME:
50 MG Total (Tanks 20 MG, Influent Channels 10 MG, Inline Storage 20MG)

SPDES PERMIT No.
NY-0026182

FACILITY NAME
Paerdegat Basin CSO Retention Facility

FACILITY OWNER
New York City Department of Environmental Protection

DESIGN STORM:
apporx. 0.40 inches

FACILITY LOCATION
1887 Ralph Avenue, Brooklyn New York 11234

Date	Precipitation Daily Totals		Overflow Events: Time & Volume			Volume in Storage at 12 AM	Estimated I & I Volume	Estimated Retained Volume (Tanks & Infl. Channels)	Inline Storage (Upstream of Regulators)	CSO or I&I Pumped to CI WPCP	Gravity Drained Volume	BOD5 Average per Overflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Hours	Inches	Start	End	MG	MG	MG	MG	MG	MG	MG	mg/L	mg/L	mg/L	mg/L	mg/L	cu. Yds	Y/N
1/1/2012	-	-			-	7.67	7.42	-	-	8.04	-							
1/2/2012	-	-			-	7.05	7.55	-	-	6.77	-							
1/3/2012	-	-			-	7.82	6.04	-	-	7.28	-							
1/4/2012	-	-			-	6.58	5.68	-	-	8.08	-							
1/5/2012	-	-			-	4.18	6.26	-	-	5.25	-							
1/6/2012	-	-			-	5.19	6.24	-	-	7.63	-						32	
1/7/2012	-	-			-	3.80	6.95	-	-	3.62	-							
1/8/2012	-	-			-	7.13	7.30	-	-	9.16	-							
1/9/2012	-	-			-	5.27	6.32	-	-	5.23	-							
1/10/2012	-	-			-	6.35	5.48	-	-	7.11	-							
1/11/2012	-	-			-	4.73	6.17	-	-	4.62	-							
1/12/2012	1.25	0.22	7:55 AM	12:35 PM	200.47	6.27	7.16	41.36	20.96	1.79	32.61							
1/13/2012	-	-			-	20.00	8.80	-	0.09	25.24	0.35						28	
1/14/2012	-	-			-	3.56	6.10	-	-	2.92	-							
1/15/2012	-	-			-	6.74	7.00	-	-	6.46	-							
1/16/2012	-	-			-	7.28	6.72	-	-	7.80	-							
1/17/2012	0.67	0.11			-	6.20	7.16	6.27	-	7.54	-							
1/18/2012	-	-			-	11.70	6.77	-	-	12.97	-							
1/19/2012	-	-			-	5.50	6.18	-	-	5.64	-							
1/20/2012	-	-			-	6.04	5.34	-	-	5.03	-							
1/21/2012	-	-			-	6.35	6.88	-	-	8.58	-							
1/22/2012	-	-			-	4.65	9.60	-	-	4.72	-							
1/23/2012	-	-			-	9.53	16.26	-	-	11.97	-						20	
1/24/2012	-	-			-	13.82	7.03	-	-	15.89	-							
1/25/2012	-	-			-	4.96	6.00	-	-	7.48	-							
1/26/2012	0.58	0.07			-	3.49	7.16	3.93	-	8.53	-						28	
1/27/2012	0.83	0.16			-	5.65	7.16	32.43	9.67	10.04	16.76							
1/28/2012	-	-			-	18.06	8.15	-	-	21.17	-							
1/29/2012	-	-			-	5.04	8.24	-	-	4.91	-							
1/30/2012	-	-			-	8.37	7.44	-	-	8.83	-							
1/31/2012	-	-			-	6.97	5.36	-	-	8.77	-							
Monthly Totals		0.56			200		221.90	83.98	30.72	259.07	49.72							

REMARKS:

1 Estimated Volume in storage and retained volume calculations are based solely on wet well level sensor
2 Estimated I&I Volume for dry weather days is equal to the CSO pump back value for that day plus any change in stored volume. Volume for wet weather days are an average of I&I values during dry weather periods.
3 Estimated Retained volume is equal to the sum of CSO pumped, gravity drained volumes, and any change in storage volume for the 24 hour period. Estimated I&I values are subtracted from the Retained Volume.
4 Due to I&I being an estimated value, there are wet weather days when the retained volume is less than zero. For these days the retained volume was 0 MG.
5 Inline storage volume is the maximum storage volume registered during the 24 hour period.
6 Pumped Back Volume is the actual total flow pumped back to the Coney Island WPCP and consists of both combined sewer overflow (CSO) received during wet weather as well as dry weather inflow.
7 Gravity drained volume is based on changes in the water surface elevation level and the physical geometry of the CSO tanks, the influent channels, and upstream of the regulators.
8 Precipitation data is collected from the rain gauge at the Paerdegat Basin CSO retention facility
9 On 01/12/12 auto sampler samples for CBOD5 and TSS collected were mistakenly taken to the wrong laboratory.

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative.

Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF: **February-12**

DESIGN STORAGE VOLUME:
50 MG Total (Tanks 20 MG, Influent Channels 10 MG, Inline Storage 20MG)

SPDES PERMIT No.
NY-0026182

FACILITY NAME
Paerdegat Basin CSO Retention Facility

FACILITY OWNER
New York City Department of Environmental Protection

DESIGN STORM:
apporx. 0.40 inches

FACILITY LOCATION
1887 Ralph Avenue, Brooklyn New York 11234

Date	Precipitation Daily Totals		Overflow Events: Time & Volume			Volume in Storage at 12 AM	Estimated I & I Volume	Estimated Retained Volume (Tanks & Infl. Channels)	Inline Storage (Upstream of Regulators)	CSO or I&I Pumped to CI WPCP	Gravity Drained Volume	BOD5 Average per Overflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Hours	Inches	Start	End	MG	MG	MG	MG	MG	MG	MG	mg/L	mg/L	mg/L	mg/L	mg/L	cu. Yds	Y/N
2/1/2012	-	-			-	3.64	6.95	-	-	6.95	-						6.00	
2/2/2012	-	-			-	3.64	5.73	-	-	3.32	-						26.00	
2/3/2012	-	-			-	6.04	5.49	-	-	6.18	-							
2/4/2012	-	-			-	5.34	7.32	-	-	6.78	-							
2/5/2012	-	-			-	5.89	8.22	-	-	8.45	-							
2/6/2012	-	-			-	5.65	6.61	-	-	5.68	-							
2/7/2012	-	-			-	6.58	5.61	-	-	7.39	-							
2/8/2012	-	-			-	4.80	6.61	-	-	5.30	-							
2/9/2012	-	-			-	6.12	6.60	-	-	6.13	-							
2/10/2012	-	-			-	6.58	6.04	-	-	5.97	-							
2/11/2012	0.75	0.09			-	6.66	6.71	6.93	-	13.65	-							
2/12/2012	-	-			-	6.66	8.12	-	-	8.04	-							
2/13/2012	-	-			-	6.74	5.63	-	-	6.71	-							
2/14/2012	-	-			-	5.65	6.23	-	-	7.63	-							
2/15/2012	0.25	0.03			-	4.26	6.71	-	-	3.93	-							
2/16/2012	0.50	0.06			-	6.04	6.71	3.04	-	5.73	-							
2/17/2012	-	-			-	10.07	5.92	-	-	10.26	-						26.00	
2/18/2012	-	-			-	5.73	6.82	-	-	8.22	-							
2/19/2012	-	-			-	4.34	7.18	-	-	4.54	-							
2/20/2012	-	-			-	6.97	7.13	-	-	8.75	-							
2/21/2012	-	-			-	5.34	11.93	-	-	12.86	-							
2/22/2012	-	-			-	4.42	5.93	-	-	5.16	-							
2/23/2012	-	-			-	5.19	6.33	-	-	5.17	-						6.00	
2/24/2012	0.58	0.07			-	6.35	6.71	18.32	-	24.26	-							
2/25/2012	-	-			-	7.13	6.81	-	-	8.28	-							
2/26/2012	-	-			-	5.65	7.31	-	-	5.46	-							
2/27/2012	-	-			-	7.51	5.53	-	-	6.84	-							
2/28/2012	-	-			-	6.20	5.01	-	-	7.26	-							
2/29/2012	1.83	0.27			-	3.95	6.71	33.34	-	3.90	-							
Monthly Totals		0.52			-		194.62	61.65	0.00	218.81	0.00						64.00	

REMARKS:

1. Estimated Volume in storage and retained volume calculations are based solely on wet well level sensor
2. Estimated I&I Volume for dry weather days is equal to the CSO pump back value for that day plus any change in stored volume. Volume for wet weather days are an average of I&I values during dry weather periods.
3. Estimated Retained volume is equal to the sum of CSO pumped, gravity drained volumes, and any change in storage volume for the 24 hour period. Estimated I&I values are subtracted from the Retained Volume.
4. Due to I&I being an estimated value, there are wet weather days when the retained volume is less than zero. For these days the retained volume was 0 MG.
5. Inline storage volume is the maximum storage volume registered during the 24 hour period.
6. Pumped Back Volume is the actual total flow pumped back to the Coney Island WPCP and consists of both combined sewer overflow (CSO) received during wet weather as well as dry weather inflow.
7. Gravity drained volume is based on changes in the water surface elevation level and the physical geometry of the CSO tanks, the influent channels, and upstream of the regulators.
8. Precipitation data is collected from the rain gauge at the Paerdegat Basin CSO retention facility

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative.

Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF: **March-12**

DESIGN STORAGE VOLUME:
50 MG Total (Tanks 20 MG, Influent Channels 10 MG, Inline Storage 20MG)

SPDES PERMIT No.
NY-0026182

FACILITY NAME
Paerdegat Basin CSO Retention Facility

FACILITY OWNER
New York City Department of Environmental Protection

DESIGN STORM:
apporx. 0.40 inches

FACILITY LOCATION
1887 Ralph Avenue, Brooklyn New York 11234

Date	Precipitation Daily Totals		Overflow Events: Time & Volume			Volume in Storage at 12 AM	Estimated I & I Volume	Estimated Retained Volume (Tanks & Infl. Channels)	Inline Storage (Upstream of Regulators)	CSO or I&I Pumped to CI WPCP	Gravity Drained Volume	BOD5 Average per Overflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Hours	Inches	Start	End	MG	MG	MG	MG	MG	MG	MG	mg/L	mg/L	mg/L	mg/L	mg/L	cu. Yds	Y/N
3/1/2012	0.42	0.03			-	22.70	6.31	12.01	5.12	28.58	9.10							
3/2/2012	-	-			-	3.59	6.31	-	-	6.47	-						26.00	
3/3/2012	0.25	0.01			-	6.16	6.46	13.12	-	23.46	-							
3/4/2012	-	-			-	2.39	7.97	-	-	4.60	-							
3/5/2012	-	-			-	5.76	6.12	-	-	8.41	-							
3/6/2012	-	-			-	3.47	6.08	-	-	2.44	-							
3/7/2012	-	-			-	7.11	5.95	-	-	5.95	-							
3/8/2012	-	-			-	7.11	5.57	-	-	7.04	-							
3/9/2012	0.25	0.01			-	5.64	6.46	1.34	-	8.18	-							
3/10/2012	-	-			-	5.37	6.88	-	-	4.44	-							
3/11/2012	-	-			-	7.81	7.05	-	-	0.00	-							
3/12/2012	-	-			-	14.86	7.16	-	-	20.34	-							
3/13/2012	-	-			-	0.76	7.19	-	-	2.00	-							
3/14/2012	-	-			-	5.95	5.89	-	-	6.78	-							
3/15/2012	-	-			-	5.07	5.68	-	-	4.71	-							
3/16/2012	-	-			-	6.03	6.27	-	-	5.65	-							
3/17/2012	-	-			-	6.65	7.16	-	-	9.30	-							
3/18/2012	-	-			-	4.40	8.37	-	-	4.19	-							
3/19/2012	-	-			-	8.59	5.83	-	-	9.89	-							
3/20/2012	-	-			-	4.52	6.07	-	-	5.06	-							
3/21/2012	-	-			-	5.53	6.31	-	-	4.97	-							
3/22/2012	-	-			-	6.73	6.31	-	-	6.09	-							
3/23/2012	-	-			-	6.38	6.31	-	-	5.59	-						28.00	
3/24/2012	-	-			-	6.49	6.42	-	-	5.33	-							
3/25/2012	-	-			-	7.58	6.31	-	-	14.02	-							
3/26/2012	-	-			-	3.78	6.31	-	-	2.97	-							
3/27/2012	-	-			-	6.65	6.31	-	-	5.59	-							
3/28/2012	-	-			-	6.65	6.31	-	-	5.52	-							
3/29/2012	-	-			-	6.96	6.31	-	-	5.96	-							
3/30/2012	-	-			-	6.34	6.31	-	-	5.65	-							
3/31/2012	0.92	0.04			-	7.04	6.31	-	-	3.42	0.76							
Monthly Totals		0.05			-		200.25	26.47	5.12	232.59	9.86						54.00	

NOTE: AREAS COLORED IN CYAN ARE FOR MANUAL ENTRY ONLY

REMARKS:

1. Estimated Volume in storage and retained volume calculations are based solely on wet well level sensor
2. Estimated I&I Volume for dry weather days is equal to the CSO pump back value for that day plus any change in stored volume. Volume for wet weather days are an average of I&I values during dry weather periods.
3. Estimated Retained volume is equal to the sum of CSO pumped, gravity drained volumes, and any change in storage volume for the 24 hour period. Estimated I&I values are subtracted from the Retained Volume.
4. Due to I&I being an estimated value, there are wet weather days when the retained volume is less than zero. For these days the retained volume was 0 MG.
5. Inline storage volume is the maximum storage volume registered during the 24 hour period.
6. Pumped Back Volume is the actual total flow pumped back to the Coney Island WPCP and consists of both combined sewer overflow (CSO) received during wet weather as well as dry weather inflow.
7. Gravity drained volume is based on changes in the water surface elevation level and the physical geometry of the CSO tanks, the influent channels, and upstream of the regulators.
8. Precipitation data is collected from the rain gauge at the Paerdegat Basin CSO retention facility

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative. Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF: **April-12**

DESIGN STORAGE VOLUME:
50 MG Total (Tanks 20 MG, Influent Channels 10 MG, Inline Storage 20MG)

SPDES PERMIT No.
NY-0026182

FACILITY NAME
Paerdegat Basin CSO Retention Facility

FACILITY OWNER
New York City Department of Environmental Protection

DESIGN STORM:
apporx. 0.40 inches

FACILITY LOCATION
1887 Ralph Avenue, Brooklyn New York 11234

Date	Precipitation Daily Totals		Overflow Events: Time & Volume			Volume in Storage at 12 AM	Estimated I & I Volume	Estimated Total Retained Volume	CSO or I&I Pumped to CI WPCP	Gravity Drained Volume	BOD5 Average per Overflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Hours	Inches	Start	End	MG	MG	MG	MG	MG	MG	mg/L	mg/L	mg/L	mg/L	mg/L	cu. Yds	Y/N
4/1/2012	0.25	0.01			-	21.37	6.13	14.08	29.40	1.32							
4/2/2012	0.75	0.03			-	10.88	6.13	11.99	26.88	-							
4/3/2012	-	-			-	2.12	6.53	-	1.18	-							
4/4/2012	-	-			-	7.47	5.85	-	5.97	-							
4/5/2012	-	-			-	7.35	6.49	-	5.94	-							
4/6/2012	-	-			-	7.89	7.42	-	8.27	-							
4/7/2012	-	-			-	7.04	6.87	-	6.02	-							
4/8/2012	-	-			-	7.89	6.79	-	6.67	-							
4/9/2012	-	-			-	8.01	5.50	-	7.98	-							
4/10/2012	-	-			-	5.53	5.79	-	5.86	-							
4/11/2012	-	-			-	5.45	5.84	-	4.88	-							
4/12/2012	-	-			-	6.42	5.99	-	5.45	-							
4/13/2012	-	-			-	6.96	5.60	-	5.83	-							
4/14/2012	-	-			-	6.73	6.26	-	5.72	-							
4/15/2012	-	-			-	7.27	7.47	-	6.70	-							
4/16/2012	-	-			-	8.04	5.87	-	7.07	-							
4/17/2012	-	-			-	6.85	6.01	-	5.97	-							
4/18/2012	-	-			-	6.88	5.45	-	5.76	-							
4/19/2012	-	-			-	6.57	5.80	-	8.43	-							
4/20/2012	-	-			-	3.94	5.54	-	1.28	-							
4/21/2012	0.67	0.04			-	8.20	6.13	0.30	10.71	-							
4/22/2012	4.67	0.14	8:30 PM	ongoing	145.97	3.92	6.13	44.35	1.79	0.58							
4/23/2012	0.17	0.02	ongoing	3:00 AM	47.70	52.03	6.13	2.43	16.93	32.18	26	37		13	813,880		
4/24/2012	-	-			-	11.50	6.93	-	13.94	-						26	
4/25/2012	-	-			-	4.48	5.59	-	3.19	-							
4/26/2012	-	-			-	6.88	6.16	-	5.85	-						6	
4/27/2012	-	-			-	7.19	5.64	-	6.03	-							
4/28/2012	-	-			-	6.80	5.88	-	5.80	-							
4/29/2012	-	-			-	6.88	6.81	-	5.49	-							
4/30/2012	-	-			-	8.20	5.29	-	7.92	-							
Monthly Totals		0.24			194		184.03	73.16	238.92	34.08						32	

NOTE: AREAS COLORED IN CYAN ARE FOR MANUAL ENTRY ONLY

REMARKS:

1. Estimated Volume in storage and retained volume calculations are based solely on wet well level sensor
2. Estimated I&I Volume for dry weather days is equal to the CSO pump back value for that day plus any change in stored volume. Volume for wet weather days are an average of I&I values during dry weather periods.
3. Estimated Retained volume is equal to the sum of CSO pumped, gravity drained volumes, and any change in storage volume for the 24 hour period. Estimated I&I values are subtracted from the Retained Volume.
4. Due to I&I being an estimated value, there are wet weather days when the retained volume is less than zero. For these days the retained volume was 0 MG.
5. Inline storage volume is the maximum storage volume registered during the 24 hour period.
6. Pumped Back Volume is the actual total flow pumped back to the Coney Island WPCP and consists of both combined sewer overflow (CSO) received during wet weather as well as dry weather inflow.
7. Gravity drained volume is based on changes in the water surface elevation level and the physical geometry of the CSO tanks, the influent channels, and upstream of the regulators.
8. Precipitation data is collected from the rain gauge at the Paerdegat Basin CSO retention facility.

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law

Signature of Chief Operator or Designated Facility Representative.

Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF: **May-12**

DESIGN STORAGE VOLUME:
50 MG Total (Tanks 20 MG, Influent Channels 10 MG, Inline Storage 20MG)

SPDES PERMIT No.
NY-0026182

FACILITY NAME
Paerdegat Basin CSO Retention Facility

FACILITY OWNER
New York City Department of Environmental Protection

DESIGN STORM:
apporx. 0.40 inches

FACILITY LOCATION
1887 Ralph Avenue, Brooklyn New York 11234

Date	Precipitation Daily Totals		Overflow Events: Time & Volume			Volume in Storage at 12 AM	Estimated I & I Volume	Estimated Total Retained Volume	CSO or I&I Pumped to CI WPCP	Gravity Drained Volume	BOD5 Average per Overflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Hours	Inches	Start	End	MG	MG	MG	MG	MG	MG	mg/L	mg/L	mg/L	mg/L	mg/L	cu. Yds	Y/N
5/1/2012	1.42	0.05			-	5.57	6.69	31.10	21.67	10.89							
5/2/2012	0.25	0.01			-	10.80	6.69	0.23	10.94	-						20.00	
5/3/2012	0.50	0.02			-	6.77	6.69	14.23	3.76	2.56							
5/4/2012	-	-			-	21.37	7.65	-	11.86	1.32							
5/5/2012	-	-			-	17.17	9.01	-	20.07	-							
5/6/2012	-	-			-	6.11	7.48	-	5.19	-							
5/7/2012	-	-			-	8.40	5.41	-	11.26	-							
5/8/2012	0.25	0.01			-	2.54	6.69	-	-	-							
5/9/2012	1.17	0.04			-	8.32	6.69	18.55	30.58	-							
5/10/2012	0.92	0.03			-	2.97	6.69	6.42	9.05	-							
5/11/2012	-	-			-	7.04	5.88	-	6.11	-						26.00	
5/12/2012	-	-			-	6.80	5.91	-	5.45	-							
5/13/2012	-	-			-	7.27	6.38	-	5.99	-							
5/14/2012	-	-			-	7.66	5.37	-	8.35	-							
5/15/2012	0.75	0.03			-	4.68	6.69	29.26	4.99	14.75							
5/16/2012	0.25	0.01			-	20.88	6.69	4.70	27.34	1.02							
5/17/2012	-	-			-	3.90	5.21	-	2.62	-							
5/18/2012	-	-			-	6.49	5.35	-	5.12	-							
5/19/2012	-	-			-	6.73	5.71	-	5.32	-							
5/20/2012	-	-			-	7.11	6.35	-	6.20	-							
5/21/2012	3.33	0.15	9:30 AM	1:30 PM	108.09	7.27	6.69	47.60	6.49	25.39	23	48				54.00	
5/22/2012	0.83	0.03			-	29.67	6.69	3.26	22.17	9.21							
5/23/2012	0.25	0.01			-	8.24	6.69	-	7.46	-							
5/24/2012	0.50	0.02	1:45 PM	3:05 PM	8.61	7.35	6.69	48.86	5.98	28.80							
5/25/2012	1.17	0.04			-	28.12	6.69	7.31	31.85	8.26						26.00	
5/26/2012	0.50	0.02			-	2.00	6.69	4.51	-	-							
5/27/2012	-	-			-	13.20	12.72	-	22.32	-							
5/28/2012	0.25	0.01			-	3.59	6.69	0.85	2.50	-							
5/29/2012	-	-			-	8.63	6.42	-	7.74	-							
5/30/2012	-	-			-	7.31	5.86	-	6.79	-							
5/31/2012	-	-			-	6.38	6.28	-	6.01	-							
Monthly Totals		0.48			117		207.34	216.87	321.18	102.19						126.00	

NOTE: AREAS COLORED IN CYAN ARE FOR MANUAL ENTRY ONLY

REMARKS:

1. Estimated Volume in storage and retained volume calculations are based solely on wet well level sensor
2. Estimated I&I Volume for dry weather days is equal to the CSO pump back value for that day plus any change in stored volume. Volume for wet weather days are an average of I&I values during dry weather periods.
3. Estimated Retained volume is equal to the sum of CSO pumped, gravity drained volumes, and any change in storage volume for the 24 hour period. Estimated I&I values are subtracted from the Retained Volume.
4. Due to I&I being an estimated value, there are wet weather days when the retained volume is less than zero. For these days the retained volume was 0 MG.
5. Inline storage volume is the maximum storage volume registered during the 24 hour period.
6. Pumped Back Volume is the actual total flow pumped back to the Coney Island WPCP and consists of both combined sewer overflow (CSO) received during wet weather as well as dry weather inflow.
7. Gravity drained volume is based on changes in the water surface elevation level and the physical geometry of the CSO tanks, the influent channels, and upstream of the regulators.
8. Precipitation data is collected from the rain gauge at the Paerdegat Basin CSO retention facility.
9. No samples collected for overflow event on 5/24/2012.

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative.

Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF: **June-12**

DESIGN STORAGE VOLUME:
50 MG Total (Tanks 20 MG, Influent Channels 10 MG, Inline Storage 20MG)

SPDES PERMIT No.
NY-0026182

FACILITY NAME
Paerdegat Basin CSO Retention Facility

FACILITY OWNER
New York City Department of Environmental Protection

DESIGN STORM:
apporx. 0.40 inches

FACILITY LOCATION
1887 Ralph Avenue, Brooklyn New York 11234

Date	Precipitation Daily Totals		Overflow Events: Time & Volume			Volume in Storage at 12 AM	Estimated I & I Volume	Estimated Total Retained Volume	CSO or I&I Pumped to CI WPCP	Gravity Drained Volume	BOD5 Average per Overflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Hours	Inches	Start	End	MG	MG	MG	MG	MG	MG	mg/L	mg/L	mg/L	mg/L	mg/L	cu. Yds	Y/N
6/1/2012	2	0.45			-	6.77	6.56	-	5.55	-							
6/2/2012	2	0.81	2:55 AM	4:10 AM	9.34	7.42	6.56	48.32	17.75	32.28	126	68				46	
6/3/2012	-	T			-	12.27	6.56	2.08	12.75	-							
6/4/2012	5	0.22			-	8.16	6.56	21.91	7.17	7.40							
6/5/2012	-	T			-	22.07	6.56	6.40	29.38	2.21							
6/6/2012	1	0.04			-	3.44	6.56	4.53	4.44	-							
6/7/2012	-	T			-	10.10	6.56	0.22	10.04	-							
6/8/2012	-	-			-	6.85	6.57	-	6.41	-							
6/9/2012	-	T			-	7.00	6.56	2.57	8.79	-							
6/10/2012	2	0.08			-	7.35	6.56	2.58	7.83	-							
6/11/2012	-	-			-	8.66	5.54	-	7.71	-						26	
6/12/2012	13	1.08			-	6.49	6.56	54.60	16.33	-							
6/13/2012	12	1.37	12:05 AM	4:55 AM	149.32	51.33	6.56	-	0.75	31.43	42	30					
6/14/2012	-	-			-	20.68	11.34	-	27.73	0.62							
6/15/2012	-	-			-	4.29	6.45	-	4.32	-						28	
6/16/2012	-	-			-	6.42	6.65	-	5.25	-							
6/17/2012	-	-			-	7.81	6.96	-	7.84	-							
6/18/2012	-	-			-	6.92	6.74	-	6.51	-							
6/19/2012	-	-			-	7.16	6.21	-	6.44	-							
6/20/2012	-	-			-	6.92	7.23	-	7.38	-							
6/21/2012	-	-			-	6.77	7.38	-	5.98	-							
6/22/2012	5	0.19			-	8.16	6.56	21.50	7.59	3.87							
6/23/2012	2	0.65			-	24.77	6.56	20.56	31.57	13.87						26	
6/24/2012	1	0.03			-	6.46	6.56	2.80	6.77	-							
6/25/2012	7	1.90	9:15 AM	10:35 AM	11.51	9.05	6.56	54.85	8.09	38.12	58	112		9.7	1,300,000		
6/26/2012	-	-			-	24.26	6.01	-	27.49	4.40						28	
6/27/2012	-	-			-	2.78	4.08	-	0.91	-							
6/28/2012	-	-			-	5.95	4.77	-	4.80	-							
6/29/2012	2	0.06			-	5.92	6.56	0.30	6.24	-							
6/30/2012	-	-			-	6.54	6.00	-	5.73	-							
Monthly Totals		6.88			170		196.94	243.23	305.56	134.20						154	

NOTE: AREAS COLORED IN CYAN ARE FOR MANUAL ENTRY ONLY

REMARKS:

1. Estimated Volume in storage and retained volume calculations are based solely on wet well level sensor
2. Estimated I&I Volume for dry weather days is equal to the CSO pump back value for that day plus any change in stored volume. Volume for wet weather days are an average of I&I values during dry weather periods.
3. Estimated Retained volume is equal to the sum of CSO pumped, gravity drained volumes, and any change in storage volume for the 24 hour period. Estimated I&I values are subtracted from the Retained Volume.
4. Due to I&I being an estimated value, there are wet weather days when the retained volume is less than zero. For these days the retained volume was 0 MG.
5. Inline storage volume is the maximum storage volume registered during the 24 hour period.
6. Pumped Back Volume is the actual total flow pumped back to the Coney Island WPCP and consists of both combined sewer overflow (CSO) received during wet weather as well as dry weather inflow.
7. Gravity drained volume is based on changes in the water surface elevation level and the physical geometry of the CSO tanks, the influent channels, and upstream of the regulators.
8. Precipitation: Daily rainfall data obtained for JFK Airport from the National Oceanic & Atmospheric Administration website (ols.nndc.noaa.gov). NOTE: Hours of precipitation are not necessarily consecutive. (T = Trace)
9.

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative.

Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF: **July-12**

DESIGN STORAGE VOLUME:
50 MG Total (Tanks 20 MG, Influent Channels 10 MG, Inline Storage 20MG)

SPDES PERMIT No.
NY-0026182

FACILITY NAME
Paerdegat Basin CSO Retention Facility

FACILITY OWNER
New York City Department of Environmental Protection

DESIGN STORM:
apporx. 0.40 inches

FACILITY LOCATION
1887 Ralph Avenue, Brooklyn New York 11234

Date	Precipitation Daily Totals		Overflow Events: Time & Volume			Volume in Storage at 12 AM	Estimated I & I Volume	Estimated Total Retained Volume	CSO or I&I Pumped to CI WPCP	Gravity Drained Volume	BOD5 Average per Overflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Hours	Inches	Start	End	MG	MG	MG	MG	MG	MG	mg/L	mg/L	mg/L	mg/L	mg/L	cu. Yds	Y/N
7/1/2012	-	-			-	6.80	5.93	-	5.62	-							
7/2/2012	-	T			-	7.11	3.93	0.72	5.84	-							
7/3/2012	-	-			-	5.92	5.92	-	6.04	-							
7/4/2012	2	0.04			-	5.80	3.93	2.04	4.81	-							
7/5/2012	-	-			-	6.96	4.72	-	6.15	-							
7/6/2012	-	-			-	5.53	4.74	-	4.86	-						6	
7/7/2012	2	0.07			-	5.41	3.93	1.11	4.42	-							
7/8/2012	-	T			-	6.03	3.93	1.62	5.62	-							
7/9/2012	-	-			-	5.95	4.42	-	6.97	-							
7/10/2012	-	-			-	3.40	3.85	-	2.62	-							
7/11/2012	-	-			-	4.64	3.08	-	3.86	-							
7/12/2012	-	-			-	3.86	3.29	-	2.83	-							
7/13/2012	-	T			-	4.33	3.93	-	3.20	-							
7/14/2012	-	T			-	4.33	3.93	-	2.78	-							
7/15/2012	4	0.16			-	5.18	3.93	3.94	4.22	-							
7/16/2012	-	0.00s			-	8.83	3.93	2.11	10.84	-							
7/17/2012	-	-			-	4.02	3.41	-	3.72	-							
7/18/2012	2	0.21			-	3.71	3.93	24.97	4.03	7.03							
7/19/2012	-	T			-	21.54	3.93	4.23	25.01	1.68							
7/20/2012	5	0.45			-	3.01	3.93	14.43	5.30	-							
7/21/2012	-	-			-	16.07	4.87	-	15.76	-							
7/22/2012	-	-			-	5.18	3.45	-	3.92	-							
7/23/2012	3	0.05			-	4.71	3.93	-	3.57	-							
7/24/2012	-	-			-	4.83	3.30	-	4.11	-							
7/25/2012	-	-			91.93*	4.02*	2.37*	-	2.6*	-							
7/26/2012	3	0.49			-	3.78	3.93	36.70	9.19	5.10							
7/27/2012	-	T			-	30.11	3.93	5.42	26.66	10.26							
7/28/2012	2	0.07			-	2.54	3.93	0.83	0.96	-						28	
7/29/2012	-	T			-	6.34	3.93	-	4.86	-							
7/30/2012	-	-			-	4.64	2.78	-	3.32	-							
7/31/2012	-	-			-	4.09	2.77	-	2.85	-							
Monthly Totals		1.54			-		119.35	98.13	193.93	24.07						34	

NOTE: AREAS COLORED IN CYAN ARE FOR MANUAL ENTRY ONLY

REMARKS:

1. Estimated Volume in storage and retained volume calculations are based solely on wet well level sensor
2. Estimated I&I Volume for dry weather days is equal to the CSO pump back value for that day plus any change in stored volume. Volume for wet weather days are an average of I&I values during dry weather periods.
3. Estimated Retained volume is equal to the sum of CSO pumped, gravity drained volumes, and any change in storage volume for the 24 hour period. Estimated I&I values are subtracted from the Retained Volume.
4. Due to I&I being an estimated value, there are wet weather days when the retained volume is less than zero. For these days the retained volume was 0 MG.
5. Inline storage volume is the maximum storage volume registered during the 24 hour period.
6. Pumped Back Volume is the actual total flow pumped back to the Coney Island WPCP and consists of both combined sewer overflow (CSO) received during wet weather as well as dry weather inflow.
7. Gravity drained volume is based on changes in the water surface elevation level and the physical geometry of the CSO tanks, the influent channels, and upstream of the regulators.
8. Precipitation: Daily rainfall data obtained for JFK Airport from the National Oceanic & Atmospheric Administration website (ols.nndc.noaa.gov). NOTE: Hours of precipitation are not necessarily consecutive. (T = Trace)
9. On 7/25/12, a malfunction of the CSO Tank No. 4 Upstream level sensor was confirmed. Results for the day have been starred and removed from calculation.

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative.

Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF: **August-12**

DESIGN STORAGE VOLUME:
50 MG Total (Tanks 20 MG, Influent Channels 10 MG, Inline Storage 20MG)

SPDES PERMIT No.
NY-0026182

FACILITY NAME
Paerdegat Basin CSO Retention Facility

FACILITY OWNER
New York City Department of Environmental Protection

DESIGN STORM:
apporx. 0.40 inches

FACILITY LOCATION
1887 Ralph Avenue, Brooklyn New York 11234

Date	Precipitation Daily Totals		Overflow Events: Time & Volume			Volume in Storage at 12 AM	Estimated I & I Volume	Estimated Total Retained Volume	CSO or I&I Pumped to CI WPCP	Gravity Drained Volume	BOD5 Average per Overflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Hours	Inches	Start	End	MG	MG	MG	MG	MG	MG	mg/L	mg/L	mg/L	mg/L	mg/L	cu. Yds	Y/N
8/1/2012	5	0.07			-	4.09	3.46	16.38	16.01	-							
8/2/2012	-	-			-	7.93	3.12	-	8.35	-							
8/3/2012	-	-			-	2.70	3.13	-	2.28	-						28	
8/4/2012	-	-			-	3.55	3.48	-	3.02	-							
8/5/2012	5	0.18			-	4.02	3.46	3.71	3.14	-							
8/6/2012	2	0.23			-	8.04	3.46	18.38	24.91	1.46							
8/7/2012	-	-			22.09*	3.52*	3.11*	-	2.96*	-							
8/8/2012	-	-			148.72*	3.67*	2.82*	-	2.98*	-							
8/9/2012	-	-			-	3.52	2.43	-	1.50	-							
8/10/2012	4	2.12			-	4.45	3.46	44.59	6.82	26.46						28	
8/11/2012	2	T			-	19.22	3.46	2.55	23.39	-							
8/12/2012	-	-			-	1.85	5.19	-	1.24	-							
8/13/2012	-	-			-	5.80	2.69	-	5.48	-							
8/14/2012	4	T			-	3.01	3.46	-	2.01	-						20	
8/15/2012	11	0.44	8/15/2012 4:30:00 PM		83.31	3.40	3.46	48.63	3.45	12.49						6	
8/16/2012	-	-		8/16/2012 2:00:00 AM	-	39.54	3.46	-	27.02	19.68	25	47				26	
8/17/2012	2	T			-	0.92	3.46	3.28	1.74	-							
8/18/2012	8	0.37			-	5.92	3.46	27.30	15.38	8.10						26	
8/19/2012	2	T			-	13.20	3.46	0.82	12.62	-							
8/20/2012	-	-			-	4.87	3.43	-	2.73	-							
8/21/2012	-	-			-	5.57	5.38	-	4.45	-							
8/22/2012	-	-			-	6.49	0.92	-	2.86	-							
8/23/2012	-	-			-	4.56	2.88	-	3.04	-							
8/24/2012	-	-			-	4.40	2.89	-	2.74	-						6	
8/25/2012	-	-			-	4.56	3.02	-	-	-							
8/26/2012	-	-			-	7.58	3.48	-	5.95	-							
8/27/2012	3	0.52	8/27/2012 1:40:00 PM	8/27/2012 9:30:00 PM	12.45	5.10	3.46	46.89	3.42	29.02							
8/28/2012	4	0.10			-	23.01	3.46	5.52	27.15	3.15						28	
8/29/2012	-	-			-	1.69	4.66	-	0.55	-							
8/30/2012	-	-			-	5.80	4.64	-	8.67	-							
8/31/2012	-	-			-	1.77	5.04	-	-	-							
Monthly Totals		4.03			96		101.37	218.07	219.91	100.38						168	

NOTE: AREAS COLORED IN CYAN ARE FOR MANUAL ENTRY ONLY

REMARKS:

1. Estimated Volume in storage and retained volume calculations are based solely on wet well level sensor
2. Estimated I&I Volume for dry weather days is equal to the CSO pump back value for that day plus any change in stored volume. Volume for wet weather days are an average of I&I values during dry weather periods.
3. Estimated Retained volume is equal to the sum of CSO pumped, gravity drained volumes, and any change in storage volume for the 24 hour period. Estimated I&I values are subtracted from the Retained Volume.
4. Due to I&I being an estimated value, there are wet weather days when the retained volume is less than zero. For these days the retained volume was 0 MG.
5. Inline storage volume is the maximum storage volume registered during the 24 hour period.
6. Pumped Back Volume is the actual total flow pumped back to the Coney Island WPCP and consists of both combined sewer overflow (CSO) received during wet weather as well as dry weather inflow.
7. Gravity drained volume is based on changes in the water surface elevation level and the physical geometry of the CSO tanks, the influent channels, and upstream of the regulators.
8. Precipitation: Daily rainfall data obtained for JFK Airport from the National Oceanic & Atmospheric Administration website (ols.nndc.noaa.gov). NOTE: Hours of precipitation are not necessarily consecutive. (T = Trace)
9. On 8/7/12 & 8/12/12, a malfunction of the CSO Tank No. 4 Upstream level sensor was confirmed. Results for the days have been starred and removed from calculation.
10. On 8/27/2012, no samples were taken for the overflow event.

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative.

Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF: **September-12**

DESIGN STORAGE VOLUME:
50 MG Total (Tanks 20 MG, Influent Channels 10 MG, Inline Storage 20MG)

SPDES PERMIT No.
NY-0026182

FACILITY NAME
Paerdegat Basin CSO Retention Facility

FACILITY OWNER
New York City Department of Environmental Protection

DESIGN STORM:
apporx. 0.40 inches

FACILITY LOCATION
1887 Ralph Avenue, Brooklyn New York 11234

Date	Precipitation Daily Totals		Overflow Events: Time & Volume			Volume in Storage at 12 AM	Estimated I & I Volume	Estimated Total Retained Volume	CSO or I&I Pumped to CI WPCP	Gravity Drained Volume	BOD5 Average per Overflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Hours	Inches	Start	End	MG	MG	MG	MG	MG	MG	mg/L	mg/L	mg/L	mg/L	mg/L	cu. Yds	Y/N
9/1/2012	-	-			-	6.57	3.97	-	5.36	-							
9/2/2012	1	T			-	5.18	2.86	1.67	7.62	-							
9/3/2012	10	0.59			-	2.08	2.86	10.41	6.21	-							
9/4/2012	12	0.62			-	9.13	2.86	12.06	11.47	-							
9/5/2012	4	0.16			-	12.58	2.86	1.66	12.07	-							
9/6/2012	-	-			-	5.02	2.87	-	-	-						28	
9/7/2012	-	-			-	7.89	2.96	-	6.05	-							
9/8/2012	10	0.30	9/8/2012 10:55:00 AM	9/8/2012 1:20:00 PM	66.44	4.79	2.86	47.62	3.23	28.22						28	
9/9/2012	4	T			-	23.82	2.86	8.26	27.97	3.96							
9/10/2012	-	-			-	3.01	2.87	-	0.00	-							
9/11/2012	-	-			-	5.87	5.03	-	4.41	-							
9/12/2012	-	-			341.8*	6.49*	1.56*	-	2.95*	-							
9/13/2012	-	-			879.61*	5.1*	2.05*	-	2.28*	-							
9/14/2012	-	-			23.15*	4.87*	1.15*	-	2.01*	-							
9/15/2012	-	-			-	4.02	3.03	-	0.01	-							
9/16/2012	-	-			-	7.04	4.00	-	5.55	-							
9/17/2012	-	-			-	5.49	2.41	-	1.01	-							
9/18/2012	14	1.58	9/18/2012 9:20:00 PM		55.14	6.88	2.86	48.06	5.77	-							
9/19/2012	2	0.01		9/19/2012 12:20 AM	1.74	52.03	2.86	4.97	23.01	31.94	64	80				26	
9/20/2012	1	T			564.62*	4.91*	2.86*	0.31*	3.98*	-							
9/21/2012	-	-			1131.21*	4.09*	2.33*	-	0.55*	-							
9/22/2012	4	0.29			1159.4*	5.87*	2.86*	0.76*	4.42*	-							
9/23/2012	-	-			1160.76*	5.07*	4.33*	-	0.03*	-							
9/24/2012	-	-			714.6*	9.36*	2.43*	-	8.01*	-							
9/25/2012	-	-			755.49*	3.78*	1.87*	-	0.01*	-							
9/26/2012	5	0.03			423.23*	5.64*	2.86*	0.24*	2.27*	-							
9/27/2012	5	T			-	6.46	2.86	-	5.37	-							
9/28/2012	12	0.44			-	3.47	2.86	37.17	11.20	17.16							
9/29/2012	3	0.03			-	15.14	2.86	0.77	13.74	-							
9/30/2012	3	T			-	5.02	2.86	1.13	3.14	-							
Monthly Totals		4.05			123		61.39	173.77	153.19	81.27						82	

NOTE: AREAS COLORED IN CYAN ARE FOR MANUAL ENTRY ONLY

REMARKS:

1. Estimated Volume in storage and retained volume calculations are based solely on wet well level sensor
2. Estimated I&I Volume for dry weather days is equal to the CSO pump back value for that day plus any change in stored volume. Volume for wet weather days are an average of I&I values during dry weather periods.
3. Estimated Retained volume is equal to the sum of CSO pumped, gravity drained volumes, and any change in storage volume for the 24 hour period. Estimated I&I values are subtracted from the Retained Volume.
4. Due to I&I being an estimated value, there are wet weather days when the retained volume is less than zero. For these days the retained volume was 0 MG.
5. Inline storage volume is the maximum storage volume registered during the 24 hour period.
6. Pumped Back Volume is the actual total flow pumped back to the Coney Island WPCP and consists of both combined sewer overflow (CSO) received during wet weather as well as dry weather inflow.
7. Gravity drained volume is based on changes in the water surface elevation level and the physical geometry of the CSO tanks, the influent channels, and upstream of the regulators.
8. Precipitation: Daily rainfall data obtained for JFK Airport from the National Oceanic & Atmospheric Administration website (ols.nndc.noaa.gov). NOTE: Hours of precipitation are not necessarily consecutive. (T = Trace)
9. From 9/12/12 to 9/14/12 and from 9/20/12 to 9/24/12, malfunction of the Upstream Tank No. 4 sensor confirmed. From 9/25-26/12, malfunction of the Upstream Tank No. 2 sensor confirmed. Results for the days have been starred and removed from calculation.
10. On 9/8/12, no samples taken for overflow event due to autosampler malfunction.

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law

Signature of Chief Operator or Designated Facility Representative.

Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF: **October-12**

DESIGN STORAGE VOLUME:
50 MG Total (Tanks 20 MG, Influent Channels 10 MG, Inline Storage 20MG)

SPDES PERMIT No.
NY-0026182

FACILITY NAME
Paerdegat Basin CSO Retention Facility

FACILITY OWNER
New York City Department of Environmental Protection

DESIGN STORM:
apporx. 0.40 inches

FACILITY LOCATION
1887 Ralph Avenue, Brooklyn New York 11234

Date	Precipitation Daily Totals		Overflow Events: Time & Volume			Volume in Storage at 12 AM	Estimated I & I Volume	Estimated Total Retained Volume	CSO or I&I Pumped to CI WPCP	Gravity Drained Volume	BOD5 Average per Overflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Hours	Inches	Start	End	MG	MG	MG	MG	MG	MG	mg/L	mg/L	mg/L	mg/L	mg/L	cu. Yds	Y/N
10/1/2012	-	-			-	5.87	2.67	-	4.06	-							
10/2/2012	10	0.33			-	4.48	2.58	15.66	10.91	-							
10/3/2012	3	T			-	11.80	2.58	-	10.98	-							
10/4/2012	5	0.41			-	3.40	2.58	10.16	1.16	-							
10/5/2012	-	-			-	14.98	3.34	-	15.55	-						26	
10/6/2012	-	-			-	2.78	2.63	-	-	-							
10/7/2012	12	0.16			-	5.41	2.58	4.66	3.56	-							
10/8/2012	-	-			-	9.09	2.56	-	7.80	-							
10/9/2012	8	0.03			1301.09*	3.86*	2.58*	1.02*	2.52*	-							
10/10/2012	10	0.22			1011.18*	4.95*	2.58*	7.77*	12.76*	-							
10/11/2012	-	-			-	2.54	2.71	-	1.08	-							
10/12/2012	2	T			-	4.17	2.58	-	1.05	-							
10/13/2012	-	-			-	4.79	2.48	-	-	-							
10/14/2012	-	-			-	7.27	3.22	-	5.47	-							
10/15/2012	8	0.18			-	5.02	2.58	24.25	0.00	7.08							
10/16/2012	-	-			-	24.77	2.98	-	25.29	4.91							
10/17/2012	-	-			-	2.47	1.94	-	-	-						26	
10/18/2012	2	0.02			-	4.40	2.58	-	3.86	-							
10/19/2012	12	0.28			-	2.23	2.58	15.60	12.68	-							
10/20/2012	-	-			-	7.73	2.91	-	6.47	-							
10/21/2012	-	-			-	4.17	2.65	-	0.02	-							
10/22/2012	-	-			-	6.80	0.87	-	5.37	-							
10/23/2012	6	0.03			-	2.31*	2.58*	-	-	-							
10/24/2012	2	T			-	2.31*	2.58*	-	-	-							
10/25/2012	-	-			-	2.31*	2.58*	-	-	-							
10/26/2012	-	-			-	2.31*	2.58*	-	-	-						28	
10/27/2012	-	-			-	2.31*	2.58*	-	-	-							
10/28/2012	4	T			-	2.31*	2.58*	-	-	-							
10/29/2012	19	0.51	10/29/2012 8:50 AM	11/2/2012 3:05 PM	-	2.31*	2.58*	16.4*	-	-							
10/30/2012	8	0.04			-	21.29*	2.58*	-	-	-		38					
10/31/2012	3	0.01			-	21.29*	2.58*	-	-	-							
Monthly Totals		2.21			-		51.60	70.33	115.29	12.00						80	

NOTE: AREAS COLORED IN CYAN ARE FOR MANUAL ENTRY ONLY

REMARKS:

1. Estimated Volume in storage and retained volume calculations are based solely on wet well level sensor
2. Estimated I&I Volume for dry weather days is equal to the CSO pump back value for that day plus any change in stored volume. Volume for wet weather days are an average of I&I values during dry weather periods.
3. Estimated Retained volume is equal to the sum of CSO pumped, gravity drained volumes, and any change in storage volume for the 24 hour period. Estimated I&I values are subtracted from the Retained Volume.
4. Due to I&I being an estimated value, there are wet weather days when the retained volume is less than zero. For these days the retained volume was 0 MG.
5. Inline storage volume is the maximum storage volume registered during the 24 hour period.
6. Pumped Back Volume is the actual total flow pumped back to the Coney Island WPCP and consists of both combined sewer overflow (CSO) received during wet weather as well as dry weather inflow.
7. Gravity drained volume is based on changes in the water surface elevation level and the physical geometry of the CSO tanks, the influent channels, and upstream of the regulators.
8. Precipitation: Daily rainfall data obtained for JFK Airport from the National Oceanic & Atmospheric Administration website (ols.nndc.noaa.gov). NOTE: Hours of precipitation are not necessarily consecutive. (T = Trace)
9. On 10/9/2012 and 10/10/2012, there was a malfunction of the Upstream Tank No. 3 sensor. All data for those days were starred and removed from calculation.
10. From 10/22/2012 to 11/19/2012, sensor data collection was compromised by technical server failures followed by server damage from Hurricane Sandy. All data for those days were starred and removed from calculation.

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Signature of Chief Operator or Designated Facility Representative.

Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF: **November-12**

DESIGN STORAGE VOLUME:
50 MG Total (Tanks 20 MG, Influent Channels 10 MG, Inline Storage 20MG)

SPDES PERMIT No.
NY-0026182

FACILITY NAME
Paerdegat Basin CSO Retention Facility

FACILITY OWNER
New York City Department of Environmental Protection

DESIGN STORM:
apporx. 0.40 inches

FACILITY LOCATION
1887 Ralph Avenue, Brooklyn New York 11234

Date	Precipitation Daily Totals		Overflow Events: Time & Volume			Volume in Storage at 12 AM	Estimated I & I Volume	Estimated Total Retained Volume	CSO or I&I Pumped to CI WPCP	Gravity Drained Volume	BOD5 Average per Overflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Hours	Inches	Start	End	MG	MG	MG	MG	MG	MG	mg/L	mg/L	mg/L	mg/L	mg/L	cu. Yds	Y/N
11/1/2012	-	-			-	21.29*	1.52*	-	-	-						32	
11/2/2012	1	T			-	21.29*	1.52*	-	-	-							
11/3/2012	-	-			-	21.29*	1.52*	-	-	-							
11/4/2012	-	-			-	21.29*	1.52*	-	-	-							
11/5/2012	-	-			-	21.29*	1.52*	-	-	-							
11/6/2012	-	-			-	21.29*	1.52*	-	-	-							
11/7/2012	14	0.97			-	21.29*	1.52*	-	-	-							
11/8/2012	7	0.04			-	21.29*	1.52*	-	-	-							
11/9/2012	-	-			-	21.29*	1.52*	-	-	-							
11/10/2012	-	-			-	21.29*	1.52*	-	-	-							
11/11/2012	-	-			-	21.29*	1.52*	-	-	-							
11/12/2012	2	T			-	21.29*	1.52*	-	-	-							
11/13/2012	10	0.08			-	21.29*	1.52*	-	-	-							
11/14/2012	-	-			-	21.29*	1.52*	-	-	-							
11/15/2012	-	-			-	21.29*	1.52*	-	-	-							
11/16/2012	-	-			-	21.29*	1.52*	-	-	-							
11/17/2012	-	-			-	21.29*	1.52*	-	-	-							
11/18/2012	-	-			-	21.29*	1.52*	-	-	-							
11/19/2012	-	-			-	21.29*	1.52*	-	0.04*	-							
11/20/2012	-	-			-	2.39	1.48	-	1.40	-							
11/21/2012	-	-			-	2.47	1.01	-	0.08	-							
11/22/2012	-	-			-	3.40	2.63	-	-	-							
11/23/2012	2	0.03			-	6.03	1.52	-	0.00	-							
11/24/2012	3	0.01			-	6.42	1.52	-	5.06	-							
11/25/2012	-	-			-	1.69	1.01	-	-	-							
11/26/2012	-	-			-	2.70	0.39	-	-	-							
11/27/2012	13	0.43			-	3.09	1.52	12.45	-	-							
11/28/2012	-	-			-	17.05	4.54	-	20.17	-							
11/29/2012	-	-			-	1.42	0.03	-	0.49	-							
11/30/2012	-	-			-	0.95	1.05	-	-	-							
Monthly Totals		1.56			-		16.68	12.45	27.21	0.00						32	

NOTE: AREAS COLORED IN CYAN ARE FOR MANUAL ENTRY ONLY

REMARKS:

1. Estimated Volume in storage and retained volume calculations are based solely on wet well level sensor
2. Estimated I&I Volume for dry weather days is equal to the CSO pump back value for that day plus any change in stored volume. Volume for wet weather days are an average of I&I values during dry weather periods.
3. Estimated Retained volume is equal to the sum of CSO pumped, gravity drained volumes, and any change in storage volume for the 24 hour period. Estimated I&I values are subtracted from the Retained Volume.
4. Due to I&I being an estimated value, there are wet weather days when the retained volume is less than zero. For these days the retained volume was 0 MG.
5. Inline storage volume is the maximum storage volume registered during the 24 hour period.
6. Pumped Back Volume is the actual total flow pumped back to the Coney Island WPCP and consists of both combined sewer overflow (CSO) received during wet weather as well as dry weather inflow.
7. Gravity drained volume is based on changes in the water surface elevation level and the physical geometry of the CSO tanks, the influent channels, and upstream of the regulators.
8. Precipitation: Daily rainfall data obtained for JFK Airport from the National Oceanic & Atmospheric Administration website (ols.nndc.noaa.gov). NOTE: Hours of precipitation are not necessarily consecutive. (T = Trace)
9. From 10/22/2012 to 11/19/2012, sensor data collection was compromised by technical server failures followed by server damage from Hurricane Sandy. All data for those days were starred and removed from calculation.

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law

Signature of Chief Operator or Designated Facility Representative.

Date

CSO RETENTION FACILITY OPERATION REPORT FOR THE MONTH OF: **December-12**

DESIGN STORAGE VOLUME:
50 MG Total (Tanks 20 MG, Influent Channels 10 MG, Inline Storage 20MG)

SPDES PERMIT No.
NY-0026182

FACILITY NAME
Paerdegat Basin CSO Retention Facility

FACILITY OWNER
New York City Department of Environmental Protection

DESIGN STORM:
apporx. 0.40 inches

FACILITY LOCATION
1887 Ralph Avenue, Brooklyn New York 11234

Date	Precipitation Daily Totals		Overflow Events: Time & Volume			Volume in Storage at 12 AM	Estimated I & I Volume	Estimated Total Retained Volume	CSO or I&I Pumped to CI WPCP	Gravity Drained Volume	BOD5 Average per Overflow Event	TSS Average per Overflow Event	Settleable Solids Average per Overflow Event	Oil & Grease Average per Overflow Event	Fecal Coliform Geo. Mean per Overflow Event	Screenings Total per Month	Facility Manned
	Hours	Inches	Start	End	MG	MG	MG	MG	MG	MG	mg/L	mg/L	mg/L	mg/L	mg/L	cu. Yds	Y/N
12/1/2012	-	-			-	2.00	0.42	-	-	-							
12/2/2012	5	0.04			-	2.43	0.82	-	-	-							
12/3/2012	1	T			-	3.01	0.82	-	0.00	-						26	
12/4/2012	4	0.02			-	3.35	0.82	-	2.25	-							
12/5/2012	4	T			-	0.76	0.82	-	0.29	-							
12/6/2012	-	-			-	0.76	0.71	-	0.13	-							
12/7/2012	13	0.13			-	1.34	0.82	0.11	-	-							
12/8/2012	10	0.34			-	2.27	0.82	20.18	21.66	-							
12/9/2012	16	0.32			-	1.61	0.82	7.83	-	-							
12/10/2012	14	0.25			-	10.26	0.82	12.41	22.03	-							
12/11/2012	5	0.05			-	1.46	0.82	0.44	0.80	-							
12/12/2012	-	-			-	1.92	0.39	-	-	-							
12/13/2012	-	-			-	2.31	0.39	-	-	-							
12/14/2012	-	-			-	2.70	0.31	-	-	-							
12/15/2012	-	-			-	3.01	0.31	-	-	-							
12/16/2012	12	0.13			-	3.32	0.82	3.56	-	-							
12/17/2012	14	0.28			-	7.70	0.82	5.58	11.24	-							
12/18/2012	10	0.82			-	2.86	0.82	45.28	16.96	21.60							
12/19/2012	-	-			-	10.41	0.96	-	9.60	-							
12/20/2012	3	T			-	1.77	0.82	-	0.08	-							
12/21/2012	8	0.71			-	2.16	0.82	31.49	8.03	11.92							
12/22/2012	7	T			-	14.52	0.82	0.26	13.75	-							
12/23/2012	-	-			-	1.85	0.46	-	-	-							
12/24/2012	6	0.09			-	2.31	0.82	0.65	0.00	-							
12/25/2012	6	0.02			-	3.78	0.82	-	0.00	-							
12/26/2012	11	0.71	12/26/2012 11:30:00 PM		-	4.05	0.82	39.75	0.00	-							
12/27/2012	12	0.77		12/27/2012 4:10:00 PM	308.02	44.62	0.82	8.38	2.68	32.28	80	54					
12/28/2012	-	-			-	18.86	4.05	-	22.00	-							
12/29/2012	13	0.26			-	0.92	0.82	7.73	0.00	-							
12/30/2012	1	Ts			-	9.47	0.82	2.88	11.53	-							
12/31/2012	-	-			-	1.65	0.23	-	0.30	-							
Monthly Totals		4.94			308.02		25.53	186.52	143.34	65.81						26	

NOTE: AREAS COLORED IN CYAN ARE FOR MANUAL ENTRY ONLY

REMARKS:

1. Estimated Volume in storage and retained volume calculations are based solely on wet well level sensor
2. Estimated I&I Volume for dry weather days is equal to the CSO pump back value for that day plus any change in stored volume. Volume for wet weather days are an average of I&I values during dry weather periods.
3. Estimated Retained volume is equal to the sum of CSO pumped, gravity drained volumes, and any change in storage volume for the 24 hour period. Estimated I&I values are subtracted from the Retained Volume.
4. Due to I&I being an estimated value, there are wet weather days when the retained volume is less than zero. For these days the retained volume was 0 MG.
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6. Pumped Back Volume is the actual total flow pumped back to the Coney Island WPCP and consists of both combined sewer overflow (CSO) received during wet weather as well as dry weather inflow.
7. Gravity drained volume is based on changes in the water surface elevation level and the physical geometry of the CSO tanks, the influent channels, and upstream of the regulators.
8. Precipitation: Daily rainfall data obtained for JFK Airport from the National Oceanic & Atmospheric Administration website (ols.nndc.noaa.gov). NOTE: Hours of precipitation are not necessarily consecutive. (T = Trace)
9.

I hearby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law

Signature of Chief Operator or Designated Facility Representative.

Date