

WATER QUALITY EXCEEDENCES

LEGEND		
Dredging begins	PCB levels over 500	summary table
PCB levels over 200	Exceedence	site sampling frequency

Summary

Baseline	Rogers Island	Thompson Island	T1-cont	Schuylerville (Lock 5)	Sch-cont	Stillwater	Waterford	Albany	Poughkeepsie
Count	0	2	17	0	29	0	31	0	2
Max	1	8	0	254	0	54	100	163	9
Min	1	8	0	8	0	54	8	8	8
Average	1	8	0	82	0	54	100	88	9

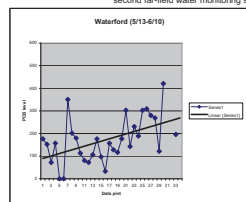
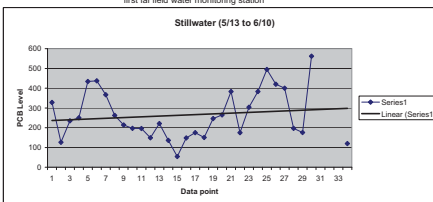
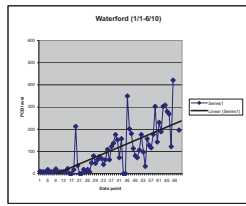
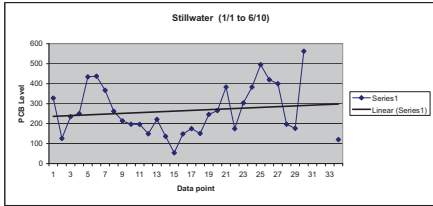
See Graphs at bottom of spreadsheet

Data

Note: The Resuspension Standard for Phase 2 dredging is the control level of 500 parts per trillion (ppt) Total PCBs, the EPA drinking water standard under the Safe Drinking Water Act. Legend: PCB concentrations in parts per trillion (ppt)...Typical Operations: Far-field PCB concentration is less than the control level (500 ppt Total PCBs)...Control Level: Far-field PCB concentration is greater than 500 ppt Total PCBs...Exceedence Level: Far-field PCB concentration has a confirmed exceedence of 500 ppt Total PCBs.

Monthly	Routine In season-sampling frequency								
	Rogers Island	Thompson Island	Thompson Island (additional results)	Schuylerville (Lock 5)	Schuylerville (additional results)	Stillwater	Waterford	Albany	Poughkeepsie
1-Jan	-	8	-	10	-	-	10	-	-
8-Jan	-	8	-	-	-	-	8	-	-
16-Jan	-	8	-	35	-	-	8	-	-
22-Jan	-	8	-	-	-	-	8	-	-
29-Jan	-	8	-	-	-	-	8	-	-
5-Feb	-	8	-	-	-	-	8	-	-
12-Feb	-	8	-	-	-	-	8	-	-
19-Feb	-	8	-	8	-	-	8	-	-
26-Feb	-	8	-	9	-	-	21	-	-
5-Mar	-	8	-	8	-	-	8	-	-
12-Mar	-	8	-	no data avail	-	-	8	-	-
19-Mar	-	8	-	19	-	-	8	-	-
26-Mar	-	8	-	8	-	-	8	-	-
2-Apr	-	8	-	8	-	-	8	-	-
9-Apr	-	-	-	-	-	-	22	-	-
10-Apr	1	-	-	-	-	-	-	-	-
11-Apr	-	8	-	24	-	-	-	-	-
16-Apr	-	8	-	8	-	-	18	-	-
21-Apr	-	-	-	25	-	-	213	-	-
22-Apr	-	-	-	21	-	-	36	-	-
23-Apr	-	-	-	-	-	-	-	8	8
24-Apr	-	-	-	-	-	-	-	-	-
25-Apr	-	8	-	20	-	-	19	-	-
28-Apr	-	-	-	9	-	-	8	-	-
29-Apr	-	-	-	58	-	-	19	-	-
30-Apr	-	-	-	111	-	-	8	-	-
1-May	-	-	-	65	-	153	48	-	-
2-May	-	-	-	116	-	-	80	-	-
3-May	-	-	-	152	-	-	46	-	-
4-May	-	-	-	85	-	-	63	-	-
5-May	-	-	-	46	-	-	77	-	-
6-May	-	-	-	131	-	-	88	-	-
7-May	-	-	-	123	-	65	41	-	-
8-May	1	-	-	221	-	-	63	-	-
9-May	-	-	-	254	-	-	109	-	-
10-May	-	-	-	223	-	-	63	-	-
11-May	-	-	-	242	-	-	122	-	-
12-May	-	-	-	110	-	-	137	-	-
13-May	-	-	-	242	-	328	176	-	-
14-May	-	-	-	-	-	126	152	-	-
15-May	-	-	-	-	-	235	72	-	-
16-May	-	-	-	-	-	250	157	-	-
17-May	-	-	-	-	-	434	no data avail	-	-
18-May	-	-	-	-	-	437	no data avail	-	-
19-May	-	-	-	-	-	367	350	-	-
20-May	-	-	-	-	-	262	202	-	-
21-May	-	-	-	-	-	214	180	163	9
22-May	-	-	-	-	-	197	113	-	-
23-May	-	-	-	-	-	196	81	-	-
24-May	-	-	-	-	-	149	72	-	-
25-May	-	-	-	-	-	221	106	-	-
26-May	-	-	-	-	-	136	176	-	-
27-May	-	-	-	-	-	54	97	-	-
28-May	-	-	-	-	-	148	33	-	-
29-May	-	-	-	-	-	175	157	-	-
30-May	-	-	-	-	-	151	128	-	-
31-May	-	-	-	-	-	246	117	-	-
1-Jun	-	-	-	-	-	265	177	-	-
2-Jun	-	-	-	-	-	383	303	-	-
3-Jun	-	-	-	-	-	175	142	-	-
4-Jun	-	-	-	-	-	204	231	-	-
5-Jun	-	-	-	-	-	383	189	-	-
6-Jun	-	-	-	-	-	495	303	-	-
7-Jun	-	-	-	-	-	400	309	-	-
8-Jun	-	-	-	-	-	400	280	-	-
9-Jun	-	-	-	-	-	197	269	-	-
10-Jun	-	-	-	-	-	176	122	-	-
11-Jun	-	-	-	-	-	562	421	-	-
12-Jun	-	-	-	-	-	-	-	-	-
13-Jun	-	-	-	-	-	-	-	-	-
14-Jun	-	-	-	-	-	-	196	-	-
15-Jun	-	-	-	-	-	120	-	-	-

Baseline	Rogers Island	Thompson Island	T1-cont	Schuylerville (Lock 5)	Sch-cont	Stillwater	Waterford	Albany	Poughkeepsie
Count	72	2	17	0	29	33	101	2	2
Max	1	8	0	254	0	54	100	163	9
Min	1	8	0	8	0	54	8	8	8
Average	1	8	0	82	0	54	100	88	9



first far-field water monitoring station second far-field water monitoring station

AIR QUALITY EXCEEDENCES

Summary

	Baseline	Processing Facility	River Location G	River Location K	All Other River Locations
Count	13	7	1	5	0
Max		7	1	5	0
Min		1	1	1	0
Average		2	1	2	0

Data

The Performance Standard for Phase 2 dredging is the control level of 0.11 micrograms per cubic meter in residential areas and 0.26 micrograms per cubic meter in Commercial/Industrial Areas. Continuous Monitoring on a daily (24-hour) basis is the standard monitoring frequency for this exceedence monitoring.

	Processing Facility	River Location G- East Grriffin Island Area	River Location K- Main Channel to Northumberland Dam	All Other River Locations
7-May		1		
17-May	1			
29-May			1	
30-May			1	
31-May			1	
1-Jun			1	
2-Jun				
3-Jun	1		1	
5-Jun	1			
6-Jun	1			
7-Jun	1			
10-Jun	1			
11-Jun	1			

	Baseline	Processing Facility	River Location G	River Location K	All Other River Locations
Count	13	7	1	5	0
Max		7	1	5	0
Min		1	1	1	0
Average		2	1	2	0

QUALITY OF LIFE EXCEEDENCES (Odor, noise, Light, Navigation)

Summary

	Jan	Feb	Mar	Apr	May	Jun
ODOR	NONE	NONE	NONE	NONE	NONE	NONE
NOISE	NONE	NONE	NONE	NONE	NONE	NONE
LIGHT	NONE	NONE	NONE	NONE	NONE	NONE
NAVIGATION	NONE	NONE	NONE	NONE	NONE	NONE

comply with standards and monitored as necessary during phase 2 operations