KEARNY MARSH RESTORATION
LAB ANALYSIS SUBMISSION

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Data Submitted by: Steve Yergeau Date: January 2, 2007

Data Collected by: Steve Yergeau, Eileen Althouse

Data Analyzed by: Dr. Brian Buckley, EOHSI

Project PI: Dr. Chris Obropta

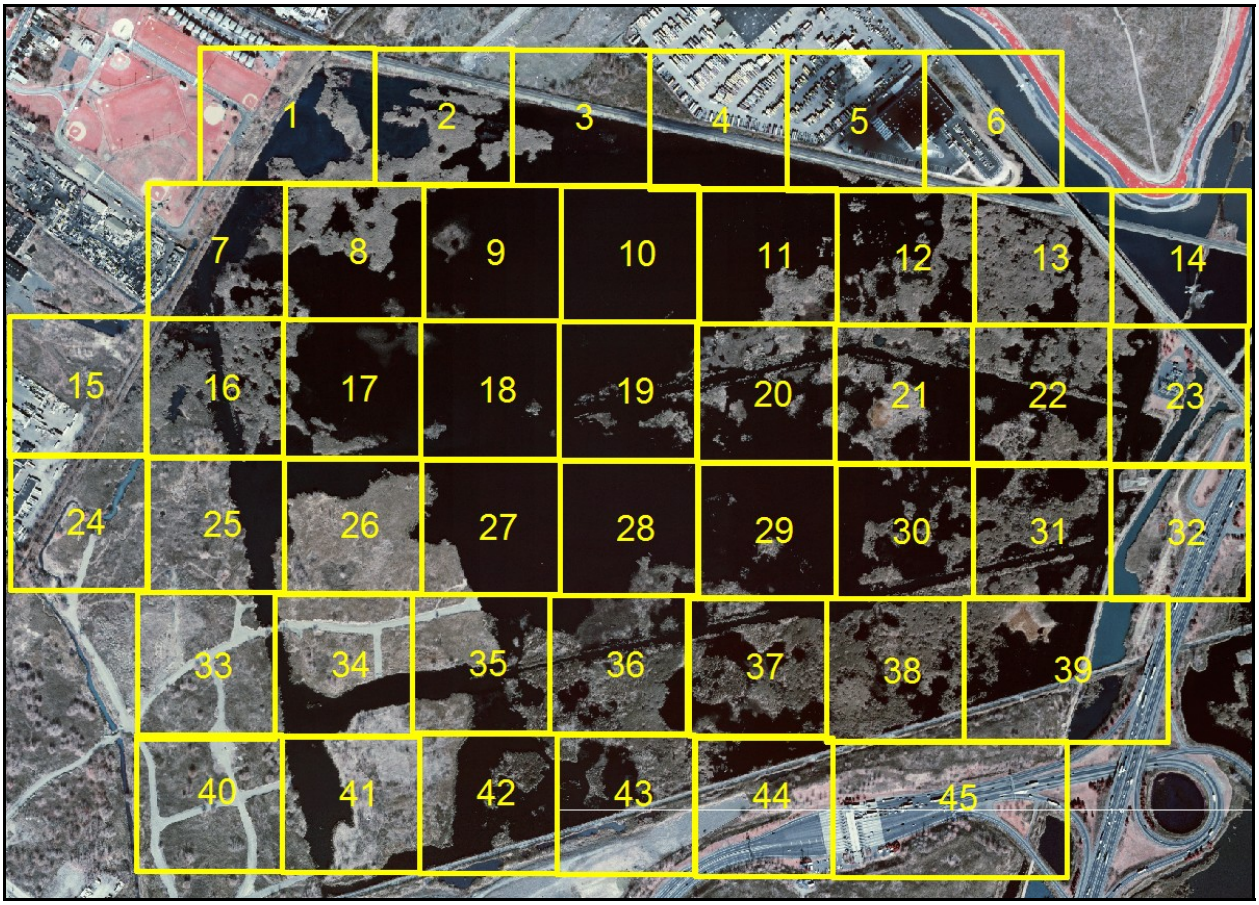
Analysis is one of the following (please **bold** if submitting electronically, *circle* if submitting in paper form)**:**

Soil/Sediment (bulk soil, dry soil, or porewater)
Surface Water (dissolved, particulate, or whole water)
Groundwater (dissolved, particulate, or whole water)
Air (gas, particle, precipitation)
Detritus
Biota (specify)
Other

Short Description of Data Collection:

Date Collected: September 14, 2006

Stormwater samples were collected from three sites where there are known inputs to the marsh: the outfall from the storm system adjacent to Gunnell Oval (Grid 1); the break in the bulkhead between the storm channel and Frank's Creek (Grid 24); and discharge from an adjacent detention pond (Grid 13). Grab samples were taken at three times during the storm to try and collect the first flush and subsequent pollution loads.



Method Detection Limit Information:
Please use this area below to describe MDLs appropriate for this analysis. Please include the units.

Analysis	MDL	Analysis	MDL
Li		*Rb*	
Be		*Sr*	
Ti		*Pd*	
V		*Ag*	
Cr		*Cd*	
Co		*In*	
Ni		*Sb*	
Mn		*Cs*	
Fe		*Ba*	
Cu		*Hg*	
Zn		*Tl*	
Ga		*Pb*	
As		*Bi*	
Se		*U*	

Contact Information:
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Compound Name	Calculated MDL (ng/L) using both SPE + SPME*	Calculated MDL (ng/L) using SPE*	Calculated MDL (ng/L) using SPME*
1,1'-Biphenyl, 2,2',5-trichloro-	0.0114	0.0012	0.0217
1,1'-Biphenyl, 2,4,4'-trichloro-	0.0035	0.0010	0.0060
1,1'-Biphenyl, 2, 4',5-trichloro-	0.0035	0.0010	0.0060
1,1'-Biphenyl, 2,2',5,5'-tetrachloro-	0.0039	0.0011	0.0067
1,1'-Biphenyl, 2,2',3,5-tetrachloro-	0.0037	0.0011	0.0063
1,1'-Biphenyl, 2,3',4,4',5-pentachloro-	0.0039	0.0029	0.0048
1,1'-Biphenyl, 2,2',4,4',5'- -pentachloro-	0.0048	0.0044	0.0052
1,1'-Biphenyl, 2,2',4,4',5,5'-hexachloro	0.0054	0.0078	0.0030
1,1'-Biphenyl, 2,2',3,4',5',6-hexachloro	0.0056	0.0074	0.0038
1,1'-Biphenyl, 2,2',3,4,4',5'-hexachloro	0.0047	N/A	0.0047
1,1'-Biphenyl, 2,2',3,4,4',5,5'-heptachloro	0.0115	N/A	0.0115
1,1'-Biphenyl, 2,2',3,3',4,4', 5, 5'- octachlorobiphenyl	0.0632	0.0632	N/A
Acenaphthylene	0.0015	N/A	0.0015
Acenaphthene	0.0086	N/A	0.0086
Fluorene	0.0034	N/A	0.0034
Azobenzene	0.1247	0.0052	0.2443
Phenanthrene	0.0003	0.0002	0.0005
Anthracene	0.0004	N/A	0.0004
Carbazole	0.0181	N/A	0.0181
Fluoranthene	0.0004	0.0002	0.0006
Pyrene	0.0005	N/A	0.0005
Benzo(a)anthracene	1.6331	N/A	1.6331
Chrysene	0.5358	N/A	0.5358