

KEARNY MARSH RESTORATION LAB ANALYSIS SUBMISSION

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Data Submitted by: Steve Yergeau

Date: April 17, 2008

Data Collected by: Steve Yergeau, Sarat Kannepalli

Data Analyzed by: Dr. Hilly Yang & 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

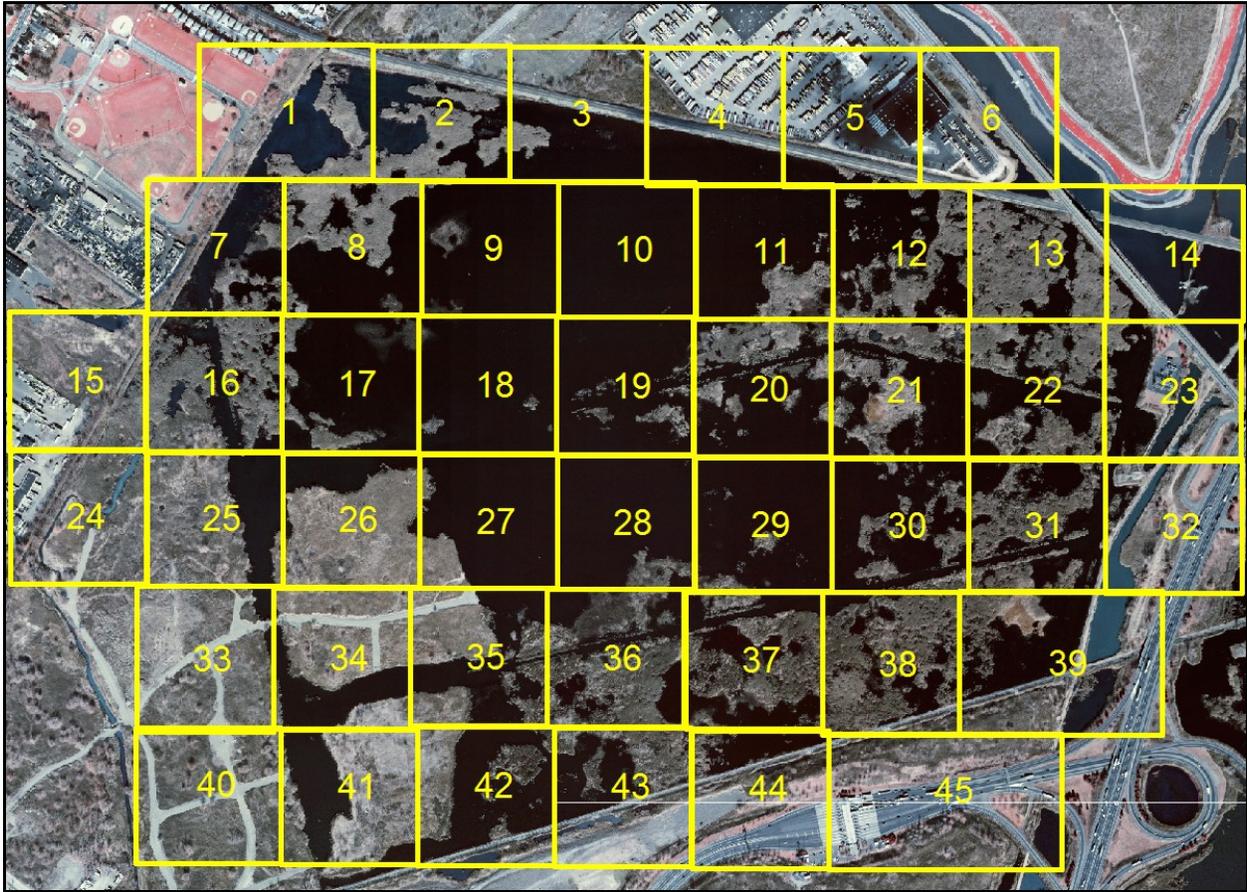
Biota (specify)

Other

Short Description of Data Collection:

Date Collected: October 19 - 20, 2007

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.

<u>Analysis</u>	<u>MDL</u>
<i>Acenaphthylene</i>	<i>0.003 µg/L</i>
<i>Acenaphthene</i>	<i>0.008 µg/L</i>
<i>Fluorene</i>	<i>0.005 µg/L</i>
<i>Azobenzene</i>	<i>0.153 µg/L</i>
<i>Phenanthrene</i>	<i>0.002 µg/L</i>
<i>Anthracene</i>	<i>0.002 µg/L</i>
<i>Carbazole</i>	<i>0.021 µg/L</i>
<i>Fluoranthene</i>	<i>0.003 µg/L</i>
<i>Pyrene</i>	<i>0.003µg/L</i>
<i>Benzo(a)anthracene</i>	<i>1.512 µg/L</i>
<i>Chrysene</i>	<i>0.511 µg/L</i>
<i>TCDD</i>	

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