

KEARNY MARSH RESTORATION LAB ANALYSIS SUBMISSION

Doc ID: 27

Data Submitted by: Steve Yergeau

Date: April 25, 2006

Data Collected by: Steve Wall, Steve Yergeau

Data Analyzed by: Jim Moore, EcoComplex

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

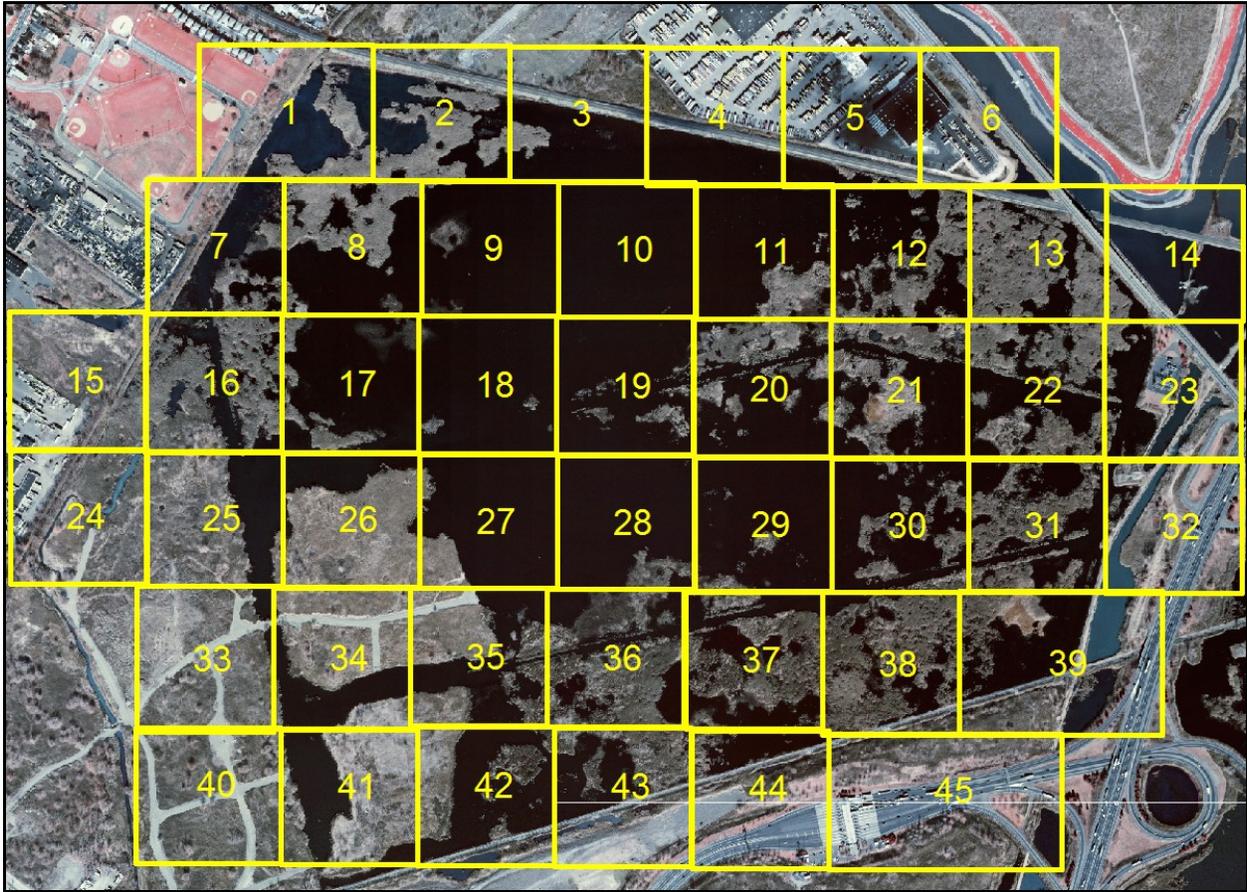
Biota (specify)

Other

Short Description of Data Collection:

Date Collected: February 17, 2006

Stormwater samples were collected from two sites where there are known inputs to the marsh: the outfall from the storm system adjacent to Gunnell Oval (Grid 1); and the break in the bulkhead between the storm channel and Frank's Creek (Grid 24). Grab samples were taken at two times during the storm (because of the short duration of 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>Nitrite-Nitrate</i>	<i>0.01 mg/l</i>
<i>Nitrite</i>	<i>0.009 mg/l</i>
<i>Nitrate</i>	
<i>Ammonia</i>	<i>0.1 mg/l</i>
<i>TKN</i>	<i>0.1 mg/l</i>
<i>Orthophosphate</i>	<i>0.007 mg/l</i>
<i>Total Phosphorus</i>	<i>0.002 mg/l</i>

Contact Information:

Dr. Chris Obropta: obropta@envsci.rutgers.edu