

# KEARNY MARSH RESTORATION LAB ANALYSIS SUBMISSION

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Data Submitted by: Steve Yergeau

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Data Collected by: Steve Yergeau, Sarat Kannepalli

Data Analyzed by: Manisha Patel, 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

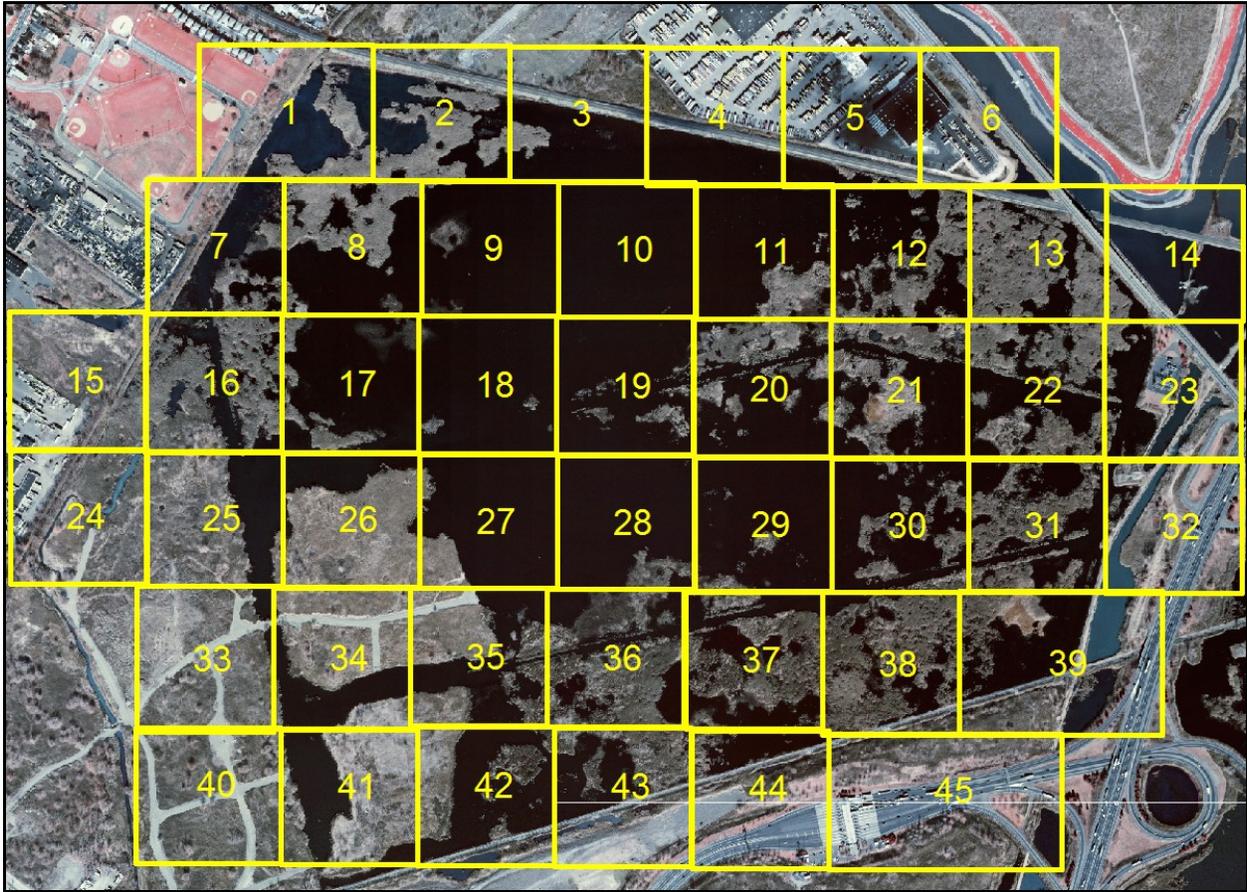
Biota (specify)

Other

## **Short Description of Data Collection:**

Date Collected: January 9, 2008

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>Nitrite-Nitrate</i>	<i>0.01 mg/L</i>
<i>Nitrite</i>	<i>0.01 mg/L</i>
<i>Nitrate</i>	
<i>Ammonia</i>	<i>0.01 mg/L</i>
<i>TKN</i>	<i>0.05 mg/L</i>
<i>Orthophosphate</i>	<i>0.01 mg/L</i>
<i>Total Phosphorus</i>	<i>0.05 mg/l</i>

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