

## Owasco Lake Watershed Inspection Program Work Plan, 2009

### October, 2009 Activities

#### *Investigations*

<b>Program</b>	<b>October's Progress</b>	<b>2009 Overall Progress</b>
<i>Agriculture</i>	<ul style="list-style-type: none"> <li>• Investigating manure spreading practices at farm near a tributary</li> </ul>	<ul style="list-style-type: none"> <li>• 2 - Livestock with stream access investigation</li> <li>• 3 – manure/mud in the road investigation</li> <li>• 2 – manure spreading investigation</li> </ul>
<i>Miscellaneous</i>	<ul style="list-style-type: none"> <li>• Investigating large amount of algae in outlet of culvert pipe               <ul style="list-style-type: none"> <li>○ Water samples have been taken and waiting for results (Fecal coliform and Total Phosphates)</li> </ul> </li> <li>• Investigating stream work completed by Highway Department</li> <li>• Investigating stream with best management practice installed to see if the property owner is maintaining the practice</li> </ul>	<ul style="list-style-type: none"> <li>• 1 - investigation at commercial property</li> <li>• 1 – Culvert stabilization</li> <li>• Hydroseeding list for the Town of Owasco</li> <li>• Hydroseeding on Route 38</li> <li>• Hydroseeding on Rockefeller Road</li> <li>• 2 – Road bank stabilizations</li> <li>• 1 – Removal of animal carcass from lake</li> <li>• 1 – Septic system issues at restaurant</li> <li>• 1 – Treatment of dock over the lake</li> <li>• 1 – Algae in culvert pipe outlet</li> </ul>
<i>Oil Spills</i>		
<i>Residential</i>	<ul style="list-style-type: none"> <li>• Investigating possible septic system issues at residential home</li> <li>• Investigating possible septic system issues in Onondaga County               <ul style="list-style-type: none"> <li>○ Waiting to investigate other septic systems in Onondaga County during first snowfall</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• 9 – Septic system investigation</li> <li>• Septic system investigations in Onondaga County</li> <li>• 1 – Logging investigation</li> <li>• 1 – Refuse pile</li> <li>• 1 – Streambank erosion concern</li> <li>• 2 – Lawn Waste in watercourses</li> <li>• 1 – Wetland check</li> <li>• 1 – Seawall investigation</li> <li>• 2 – Drainage issues</li> </ul>

*Seasonal Watershed Inspector (June 22 – September 11, 2009)*

	<b>2009 Overall Progress</b>
	<ul style="list-style-type: none"> <li>• Attended Lake Day</li> <li>• Completed walking shoreline of the entire lake</li> <li>• Inspected sites during rain events (construction sites, areas prone to stormwater runoff)</li> <li>• Located rental properties and checked after heavy use</li> <li>• Completed 190+ boater surveys at the boat launch</li> <li>• Completed stream survey of 41 feeder streams around the lake</li> <li>• Mapped stormwater sewer drains</li> <li>• Investigated 7/22/09 high coliform bacteria sites</li> </ul>

*Agriculture* – increase cooperation with the watershed agricultural community through programs and technical assistance

<b>Program</b>	<b>October's Progress</b>	<b>2009 Overall Progress</b>
<i>Priority Farm List</i>		<ul style="list-style-type: none"> <li>• Continuing to work with 3 farms to address animals having access to tributaries</li> </ul>
<i>Secondary Fuel Containment</i>		
<i>Agricultural Advisory Committee</i>		1 - Meeting
<i>AEM</i>		<ul style="list-style-type: none"> <li>• Postcards for Tier I and II completion</li> <li>• 2 – Tier I and II</li> <li>• 1 – Site evaluation for erosion concerns</li> <li>• 1 – Site evaluation</li> <li>• Closeout for Year 4</li> </ul>

*Community Outreach* – increase public knowledge, understanding, and respect for Owasco Lake and its watershed

<b>Program</b>	<b>October's Progress</b>	<b>2009 Overall Progress</b>
<i>Community Events</i>	<ul style="list-style-type: none"> <li>• Radio interview with Erik Sorensen (WAUB 1590)</li> </ul>	<ul style="list-style-type: none"> <li>• 2 youth presentations</li> <li>• 1 – radio interview</li> <li>• 1 – College class presentation</li> <li>• Lake Day presentation</li> <li>• 1 – Presentation to Lakefront Homeowners Association</li> <li>• Conservation Field Days</li> </ul>
<i>Publications</i>	<ul style="list-style-type: none"> <li>• Eco-Talk Article – Lake Trophic State</li> </ul>	<ul style="list-style-type: none"> <li>• 9 Eco-Talk Article</li> <li>• 1 – SWCD Newsletter Article</li> </ul>
<i>Increasing Program Awareness</i>		<ul style="list-style-type: none"> <li>• Road sign designs and locations</li> <li>• 2008 Annual Reports sent out to municipalities</li> <li>• Working with Tompkins County on educational program</li> <li>• Two Seasonal Watershed Inspectors began on June 22, 2009</li> </ul>
<i>Professional Meetings</i>		<ul style="list-style-type: none"> <li>• 4 – Lakefront Supervisors Meeting</li> <li>• 1 – City of Auburn presentation</li> <li>• 5 – municipality presentations (Fleming, Genoa, Locke, Owasco, Scipio)</li> <li>• Emerson Foundation meeting</li> <li>• Conservation Skills Workshops</li> </ul>

*Stormwater* – reduces the effects of stormwater and sedimentation to Owasco Lake through implementation of erosion and sediment control methods

<b>Program</b>	<b>October's Progress</b>	<b>2009 Overall Progress</b>
<i>Residential Erosion Control</i>	<ul style="list-style-type: none"> <li>• New home construction in Moravia – less than one acre disturbed with no impact on watercourses</li> <li>• New home construction in Owasco – working with Code Enforcement Officer to better protect storm drain</li> <li>• Investigating land clearing activities near state and federal wetland</li> <li>• Continued to monitor 13 lakefront/critical area construction sites</li> </ul>	<ul style="list-style-type: none"> <li>• Participation in Stormwater Ad-Hoc Committee</li> <li>• 11 – Critical Area Erosion Concerns</li> <li>• 13 – Lakefront Construction/Clearing Projects</li> <li>• 1 – Commercial mining activity</li> </ul>
<i>Stormwater Permitted Sites</i>	<ul style="list-style-type: none"> <li>• Continued to monitor home construction and sediment and erosion control practices being implemented</li> <li>• Working with NYSDEC on site that is in the process of applying for permit to develop more than one acre</li> </ul>	<ul style="list-style-type: none"> <li>• New home construction at Town of Owasco development</li> <li>• Monitoring progress of application for development</li> </ul>

*Miscellaneous:*

- Worked with SWCD staff to complete WQIP grant application (Due on October 16, 2009) for 2 sites on firelanes and one site on the Owasco Inlet with added money for consulting services to investigate a portion of the Inlet, determining areas that would benefit from repair.
- Worked on and reviewed with OWLIC members presentation for City of Auburn Manager
- Met with Army Corps of Engineers officials to look at the species and distribution of aquatic vegetation in Owasco Lake

*Upcoming Events*