

Owasco Lake Watershed Seasonal Inspectors – 2011 Task Completion

1. Ditch inspections for hydroseeding
 - a. Inspected the roads in Cayuga, Tompkins, and Onondaga County for roadside ditches that needed to be hydroseeded to minimize erosion
 - b. After taking GPS points and pictures, maps for county and town roads were created and marked so hydroseeding could begin in the watershed
 - i. Date range worked on: June 21 – June 24
 - ii. Manhours: 51
2. Water sample collection
 - a. Collect the water samples from volunteers around Owasco Lake, as well as collecting some samples on our own
 - b. Take the samples to the laboratory to be tested for fecal coliforms and take all of the data collected and input it into spreadsheets
 - i. Date range worked on: June 28, July 5, July 12, July 19, July 26, August 2, August 9.
 - ii. Manhours: 50
3. Potential manure spreading issue investigated
 - a. Complaint from residents about manure spreading possibly being too close to a watercourse
 - b. Investigation of the farm, and walking the watercourse, led to the decision that an adequate buffer was maintained between spreading on fields and the watercourse
 - c. Created map and report with photos, GPS points, and description of growth on each field
 - i. Date range worked on: June 27 – June 29
 - ii. Manhours: 7
 - iii. Number of Inspections: 1
4. Created plant/fish/species identification lists
 - a. ID lists contain names, photos, and information pertaining to each specific listing
 - b. Can use the lists with the impacts on them to help educate residents and allow them to more easily identify things they come across in Owasco Lake
 - i. Date range worked on: June 29 – June 30
5. Asian Clam Task Force Meeting
 - a. Attended the meetings to keep up to date on what Cayuga County is doing to try to eradicate the Asian Clams
 - i. Date range worked on: July 1, July 13
6. Boater Surveys/Inspections at Emerson Park Boat Launch
 - a. Giving a survey to boaters to get an idea of the movement patterns and uses of boats that go onto Owasco Lake
 - b. Educating boaters on how to properly clean their boats and containers in order to stop the spread of invasive species (plants and animals)
 - c. Found yellow perch that some boaters had caught, and took pictures that gave a preliminary identification of being Epistylis (Red Sore Disease)
 - d. Also giving a fishermen survey when applicable

- i. Date range worked on: July 9, July 16, July 23, July 30, August 6
 - ii. Manhours: 65
 - iii. Completed 137 boater surveys and completing fisherman surveys
7. Fire Lane Inspections
 - a. Checking the fire lanes all around the lake for any violations
 - b. Found things like brush piles being burned too close to watercourses and the lake, silt fences not being in place/properly put up at construction sites, etc.
 - c. Spoke with many residents about what we are doing for the OLWIP and answered their questions about what they've been noticing or were unsure about
 - i. Date range worked on: July 7 – July 8, July 12 – July 14
 - ii. Manhours: 65
8. Working with Asian Clam Dive Team
 - a. Helped the dive team do their transects to see how far out Asian Clams were from certain points of the shoreline
 - b. Collected sediment samples to get age/density estimates on northern end of Owasco Lake
 - c. Attended the Asian Clam identification meeting held by the dive team
 - i. Date range worked on: July 27 – 29
 - ii. Manhours: 41
9. Follow Up Inspections
 - a. Received a list of all the residencies that have open files and went to the sites to track any changes or completion of projects
 - b. Took relevant pictures and waypoints to give the most accurate and complete files possible, with some sites ready to have their files closed
 - i. Date range worked on: August 3 – 5
 - ii. Manhours: 25
10. Lake Day
 - a. Set up a table with a display and a watershed model at the Lake Day event
 - b. Created a pamphlet with information targeting nonpoint source pollution, to describe how it is relevant to our job and what people can do to minimize their pollution
 - c. Used the watershed model to demonstrate the extent of nonpoint source pollution within a watershed to kids and adults, and to illustrate how everyone in the watershed is a contributing factor to the quality of the lake
 - i. Date range worked on: August 7
 - ii. Manhours: 17
11. Feeder Stream Surveys
 - a. Beginning August 11, 2011