Testing Guidelines

Team Members: Hunter Dubel, Jeremy Leon, Richard Levenson, Evan Melquist and Zachary Nelson
Team Name: Pollution Prognosticators
Project Name: Pollution Prediction
Date: December 1st, 2015

Overview: Our team was able to successfully edit and work on the map page to add new functionality, with room to improve and grow these features in future projects. First, the team needed to fix multiple features of the map page that had previously been broken such as loading the map itself and loading facility information when clicked. These features had been broken by merge conflicts and errors accessing the SOAP databases. Currently, the team has added support for finding the user's current location, appearing when the page is first loaded or when requested via a button. This works as long as the user allows the site to access such info. The latitude and longitude of the current location also appear in text boxes added for the requisite info. Additionally, the team added in basic error handling. If a request for a non-numerical latitude or longitude is entered, an error dialog will appear.

Functionality Tested	Input	Expected Results	Actual Results
Current Location	Initial Page Load (With permission)	Centers map on geographical location in the real world, coordinate inputs filled with lat/long	As expected
Current Location	Clicking "Current Location" button	Centers map on geographical location in the real world, coordinate inputs filled with lat/long	As expected
Current Location	Clicking "Current Location" button (Without permission)	Nothing	As expected
Custom Long/Lat Coords	Lat/Long coords in respective fields	Popup with loading circle	As expected
Custom Coords	Non numerical characters	Dialog box popup requesting valid input	As expected

Map Page	Clicking the "Map" tab	Map page opens with all of the facilities and search bars shown	As expected
Map Page	Clicking on an icon on the map or from the facilities list	Pop-up window opens with more information about that facility	As expected