**Questions for Kelly and Carol**

**Re: Industrial Stormwater Monitoring Data (SWdataOldPermits.xlsx and newSWdata.xlsx)**

**Highest Priority Questions (in email body)**

1. I found the general permit from 2011-2016. Do you have a copy of the permit prior to 2011?

A copy of the previous permit (IndStormGP 7-15-03.pdf) was attached in an email (2/26/15) to Christine. This permit was issued in 2002, modified in 2003, and extended until the most recent permit was issued in 2011.

* 1. Did any benchmarks change from the “old” to the “new” permit?

There have been multiple permits since 1992 and bench marks have changed in each permit. Bench marks are based on the 80th percentile of data and are analyzed for each renewal.

1. Could you provide a list of SIC codes that we could use to group the SWdataOldPermits data in a similar way as was done for the newSWdata? The newSWdata has tabs for General, Asphalt, Mines, Refuse, etc. etc. We’d like to group the old data in a similar fashion since we think it makes most sense to analyze data within industry sectors.

SIC codes (SIC-codes.pdf) were attached in an email (2/26/15) to Christine. They can also be accessed at the following site - <https://www.osha.gov/pls/imis/sicsearch.html>

1. As we do our initial analysis of the data:
   1. Are there any industry sector (or SIC code) you care about more than others? Should we focus on one group first?

There’s nothing in particular but if you’d like a little direction, we would say Marinas which can be related to work relative to LIS and its embayments.

* 1. Are there any industry sectors that you know are excellent performers vs. those who might be worse performers?

Our analyses indicate that the best industry performers are DOT, asphalt, and mines. The worst performers are marinas, scrap recycling, and refuse.

* 1. Are there any receiving bodies that are particularly important? E.g., should we focus on water quality entering certain waters over others?

A map of impaired waters (2012ImpairedWatersMap.pdf) was attached in an email (2/26/15) to Christine. An interactive impaired waters map and other resource information can also be accessed on the following website: <http://www.cteco.uconn.edu/>

You could select a waterbody of interest from the map or possibly focus on waters within the coastal boundary. If the coastal boundary is too large an area, select two coastal watersheds with varying land use practices and watershed efforts (we could help with this).

* 1. Would you expect one town to have higher quality industrial SW discharges than another?

No. Town water quality may be more influenced by the MS4 permit.

* 1. Do you expect a particular parameter to be improving or time? Do you want us to focus on a particular parameter (or parameters) first?

Our analyses indicate that nitrate has decreased since 1995. This may be partly the result of atmospheric controls. Possibly, suspended solids has decreased since it’s a visible pollutant. It may be worthwhile to investigate if a decrease in visible pollutants (such as suspended solids) as opposed to nutrients has occurred.