

## 2008 Q3 Kent ASU Stormwater Water Level II Report

### **Test Results:**

Nitrates/ Nitrites & Turbidity have exceeded the action level values.

### **Facility Inspection/ Investigation:**

Inspected the facility and found no conclusive contributing factors for Turbidity. Environmental Consulting Group suggested that unpaved areas on our site may contribute to the high turbidity levels of our StormWater samples. In addition high truck traffic and residue off tires increases the turbidity levels on our facility.

Identified Chemical De-Icer as a Nitrate source. De-Icer is used for facility walkways. Lab results indicated De-Icer as Nitrate source (1200mg/L).

### **Actions:**

- Upgraded sweeper to DOE recommended Hydraulic Dry Sweeper to aid in Turbidity control.
- To address high Nitrate/ Nitrite Plant has ceased use of Chemical De-Icer and will use salt for de-icing walkways.

### **Timeline**

To be effective by 12/1/08.