

**SO3-000570D**  
**INDUSTRIAL STORMWATER GENERAL PERMIT**  
**DISCHARGE MONITORING REPORT**

DEPARTMENT OF ECOLOGY  
 NOV 26 2007  
 WATER QUALITY PROGRAM

MONITORING PERIOD for (year/quarter): 2007    Jan/Feb/Mar    Apr/May/Jun    Jul/Aug/Sep    Oct/Nov/Dec  
year

**Facility/Site Information**

SOLVAY INTEROX SOLVAY CHEMICALS, INC.  
 Location: 3500 INDUSTRIAL WAY  
 County: COWLITZ  
 Primary SIC Code: 2819

**Mailing Information**

SOLVAY INTEROX SOLVAY CHEMICALS, INC.  
 3500 INDUSTRIAL WAY  
 LONGVIEW WA 98632-8213

**POSTED**  
 DATE: 11/21/07  
 INITIALS: [Signature]

You must send a Discharge Monitoring Report (DMR) to Ecology every quarter. If there was no discharge or you have suspended sampling because of consistent attainment of benchmark values, mark the appropriate boxes and send the DMR to Ecology. Please read the instructions before completing the DMR.

Discharge Point <u>4 - SOUTHEAST OUTFALL (OUTFALL-SE)*</u>						
There was no qualifying storm event this quarter so no values are entered below (see explanation)						
Quarterly Monitoring		AVERAGE	MAXIMUM	UNITS	Sample Type	Events Sampled
pH	<u>Consistent Attainment</u>			Standard Units		
Zinc (total)	Consistent Attainment		128	µg/L	Grab	
Oil & Grease	<u>Consistent Attainment</u>			mg/L	Grab	
Nitrate/Nitrite as N	Consistent Attainment		0.15	mg/L	Grab	
Phosphorus (TP)	<u>Consistent Attainment</u>			mg/L		
BOD5	<u>Consistent Attainment</u>			mg/L		

Monitoring associated with impaired waterbodies:

Discharge Point <u>4 - SOUTHEAST OUTFALL (OUTFALL-SE)*</u>						
There was no qualifying storm event this quarter so no values are entered below (see explanation)						
Quarterly Monitoring		AVERAGE	MAXIMUM	UNITS	Sample Type	Events Sampled
Turbidity	<u>Consistent Attainment</u>			NTU		
Oxygen, Dissolved (DO)	Consistent Attainment		9.68	mg/L	Grab	

Additional Metal Sampling  
 Discharge Point 4 - SOUTHEAST OUTFALL (OUTFALL-SE)\*

Quarterly Monitoring	Maximum	Units	Sample Type
Copper (Total)	15	µg/L	Grab
Lead (Total)	ND (1)	µg/L	Grab (1) MOL = 20 µg/L
Hardness	23	mg/L	Grab



**SOLVAY  
CHEMICALS**

DEPARTMENT OF ECOLOGY

NOV 26 2007

WATER QUALITY PROGRAM

November 19, 2007

Joyce M. Smith  
Industrial Stormwater Permit Coordinator  
Washington State Department of Ecology  
PO Box 47696  
Olympia, WA 98504-7696

RE: Level One Source Control Report for Sample Above the Benchmark Value for Zinc at the Solvay Chemicals, Inc. Facility in Longview, WA

Dear Ms. Smith:

Enclosed is the Level One Source Control Report for the sample above the benchmark value for zinc at the Solvay Chemicals, Inc. facility in Longview, WA. The zinc value obtained from sampling during the fourth quarter of 2007 was above the benchmark value, which prompted this report. Please note we are under a Level Three response for zinc that was submitted on May 8, 2007. For reference, I have also enclosed a copy of the Longview facility's Industrial Stormwater General Permit Discharge Monitoring Report from the fourth quarter of 2007.

If you have any questions or require additional information, please feel free to contact me at 360-577-7567.

Best regards,

Aeris H. Arreguin  
Technical Services Supervisor

## Level One Response for Sample Above Benchmark Value for Zinc in Q4 2007 (results received 11/19/07)

Date Inspection Conducted: 11/19/07  
Inspector: Aeric Arreguin

### **Evaluation of Possible Sources of Zinc in the Stormwater Discharge**

A walkthrough of the facility was conducted; no new potential sources of zinc were identified from the walkthrough. For a complete list of possible zinc sources that have been previously identified, please refer to the inspection reports dated 2/7/05 and 9/27/06.

During the second quarter of 2007, some galvanized fencing in the area immediately south of our hydrogen plant was removed. This fencing was initially installed as a security barrier around the NW Natural Gas metering station that was once the feed to our reformer. The metering station was removed in 1996/1997 but the fence remained until 5/8/2007.

Furthermore, as mentioned in our Level Three response for zinc, the City of Longview proceeded with construction of a road adjacent to our property line. This involved the removal of around 1100 linear feet of galvanized fence. Any fence removed will be replaced with a polymer-coated fence.

### **Identification of Source/Operational Control Methods by Which the Permittee Can Further Reduce Stormwater Contamination**

No source/operational control methods exist to further reduce stormwater contamination.

### **Evaluation of Any Improvements or Changes to the Stormwater Pollution Prevention Plan Warranted to Control the Benchmark Parameter**

No improvements or changes to the SWPPP are warranted to control zinc at this time.