



**SOLVAY  
CHEMICALS**  
INTEROX, FLUORIDES & MINERALS

DEPARTMENT OF ECOLOGY **RECEIVED**  
AUG 08 2007  
WATER QUALITY PROGRAM  
Washington State  
Department of Ecology

August 1, 2007

Kevin Hancock  
Washington State Department of Ecology  
Southwest Regional Office  
PO Box 47775  
Olympia, WA 98504-7775

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

Dear Mr. Hancock:

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 second quarter of 2007 was above the benchmark value, which prompted this report. Please note we are under a Level Three response that was submitted on May 8, 2007.

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

Best regards,

Aeric H. Arreguin  
Technical Services Supervisor



DEPARTMENT OF ECOLOGY  
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Copy: original sent to Joyce Smith

SO3-000570D

INDUSTRIAL STORMWATER GENERAL PERMIT  
 DISCHARGE MONITORING REPORT

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MONITORING PERIOD for (year/quarter): 2007  
 year

Jan/Feb/Mar

Apr/May/June

Jul/Aug/Sep Oct/Nov/Dec

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Facility/Site Information

SOLVAY INTEROX SOLVAY CHEMICALS, INC.  
 Location: 3500 INDUSTRIAL WAY  
 County: COWLITZ

Mailing Information

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

Primary SIC Code: 2819

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		654	µg/L	Grab	
Oil & Grease	<u>Consistent Attainment</u>			mg/L	Grab	
Nitrate/Nitrite as N	Consistent Attainment		0.56	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>			NIU		
Oxygen, Dissolved (DO)	Consistent Attainment		9.60	mg/L	Grab	

Additional Metal Sampling

Discharge Point 4 - SOUTHEAST OUTFALL (OUTFALL-SE)\*

Quarterly Monitoring

	Maximum	Units	Sample Type
Copper (Total)	ND (1)	µg/L	Grab (1) MOL = 2.0 µg/L
Lead (Total)	ND (2)	µg/L	Grab (2) MOL = 30 µg/L
Hardness	57	mg/L	Grab

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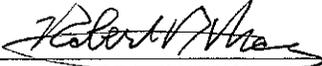
I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO \$10,000.00 AND/OR MAXIMUM IMPRISONMENT OF BETWEEN SIX MONTHS AND FIVE YEARS.)

Robert R. May, Manufacturing Manager / Site Coordinator

08 / 01 / 2007

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER (TYPED OR PRINTED)

DATE: MO DAY YEAR



360 - 425 - 1114

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE NUMBER

COMMENTS / EXPLANATIONS

\*The discharge point was noted as discharge point "4" on the "Receiving Water Information and Declaration of Mixing Zone" form.

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## Level One Response for Samples Above Benchmark Value for Zinc in Q2 2007 (results received 7/9/07)

Date Inspection Conducted: 7/18/07

Inspector: Aeric Arreguin

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### **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.

### **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.

