



SOLVAY CHEMICALS

INTEROX, FLUORIDES & MINERALS

DEPARTMENT OF ECOLOGY

APR 09 2007
WATER QUALITY PROGRAM

April 3, 2007

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

0570

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

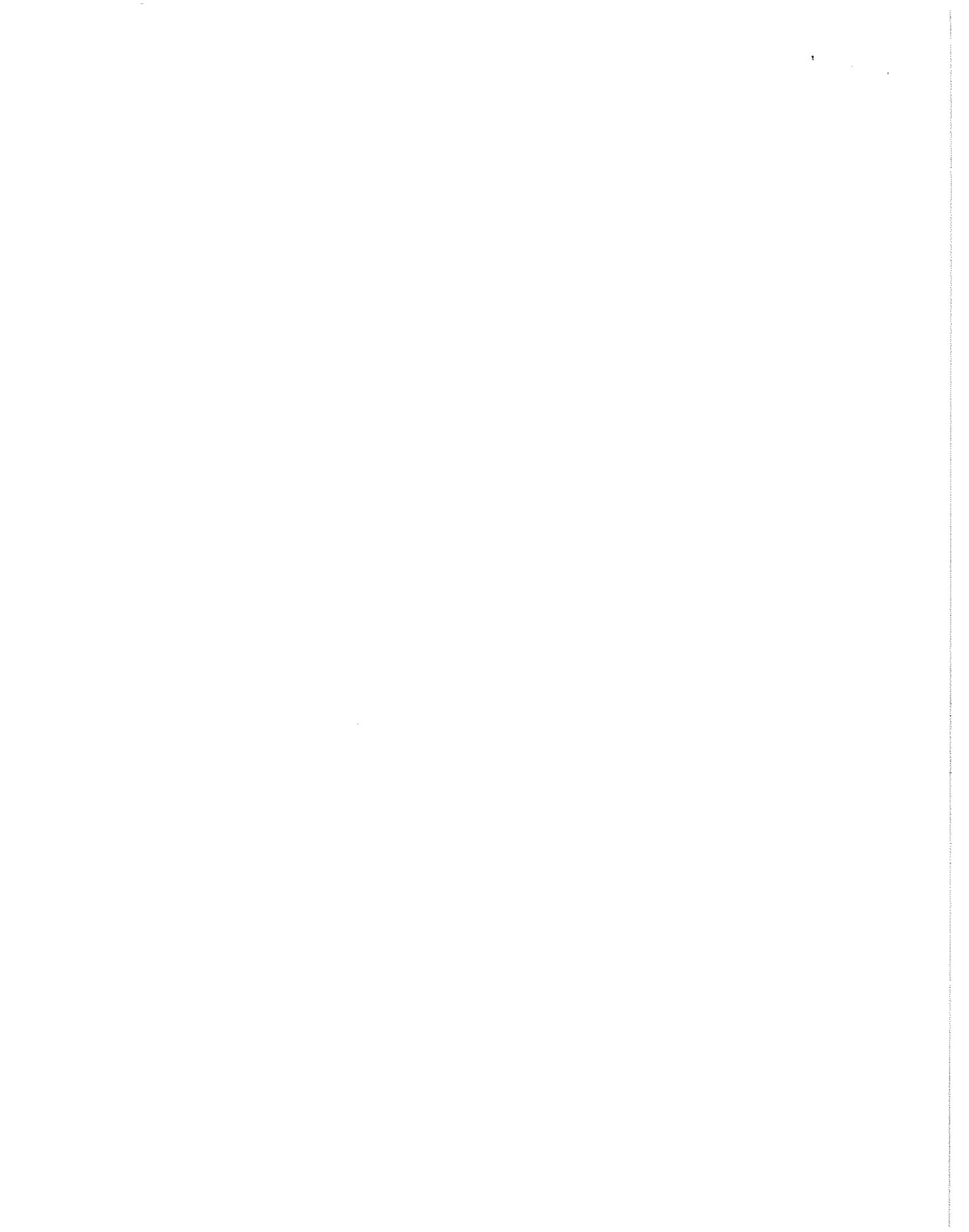
Dear Ms. Smith:

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 first quarter of 2007 was above the benchmark value, which prompted this report.

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



POSTED

DATE: 09/26/07

INITIALS: JK

SO3-000570D

**INDUSTRIAL STORMWATER GENERAL PERMIT
DISCHARGE MONITORING REPORT**

MONITORING PERIOD for (year/quarter): 2007
year

Jan/Feb/Mar

Apr/May/June

Jul/Aug/Sep

Oct/Nov/Dec

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

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	Consistent Attainment			Standard Units		
Zinc (total)	Consistent Attainment		190	µg/L	Grab	
Oil & Grease	Consistent Attainment			mg/L	Grab	
Nitrate/Nitrite as N	Consistent Attainment		0.14	mg/L	Grab	
Phosphorus (TP)	Consistent Attainment			mg/L		
BOD5	Consistent Attainment			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	Consistent Attainment			NTU		
Oxygen, Dissolved (DO)	Consistent Attainment		9.78	mg/L	Grab	

Additional Metal Sampling

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

Quarterly Monitoring

Copper (Total)

Lead (Total)

Hardness

Maximum Units Sample Type

ND (1) µg/L Grab (1) MDL = 2.0 µg/L

ND (2) µg/L Grab (2) MDL = 30 µg/L

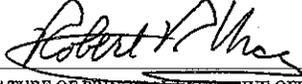
46 mg/L Grab

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 MGR/SITE COORDINATOR 03/30/07

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

Level One Response for Samples Above Benchmark Value for Zinc in Q1 2007 (results received 3/29/07)

Date Inspection Conducted: 4/3/07

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.

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.

