

BEFORE THE  
OHIO ENVIRONMENTAL PROTECTION AGENCY

OHIO E.P.A.

DEC 22 2009

ENTERED DIRECTOR'S JOURNAL

In the Matter of:

Ormet Primary Aluminum Corporation  
Hannibal Reduction Division  
PO Box 176, State Route 7  
Hannibal, Ohio 43931

Respondent

**Director's Final Findings  
and Orders**

I certify this to be a true and accurate copy of the  
official documents as filed in the records of the Ohio  
Environmental Protection Agency.

**PREAMBLE**

By: Y. Shapiro Date: 12/22/09

It is agreed by the parties hereto as follows:

**I. JURISDICTION**

These Director's Final Findings and Orders ("Orders") are issued to Ormet Primary Aluminum Corporation ("Respondent") pursuant to the authority vested in the Director of the Ohio Environmental Protection Agency ("Ohio EPA") under Ohio Revised Code ("ORC") §§ 6111.03, and 3745.01.

**II. PARTIES BOUND**

These Orders shall apply to and be binding upon Respondent and its successors in interest liable under Ohio law. No change in ownership of Respondent or the Facility (as hereinafter defined) shall in any way alter Respondent's obligations under these Orders.

**III. DEFINITIONS**

Unless otherwise stated, all terms used in these Orders shall have the same meaning as defined in ORC Chapter 6111. and the rules adopted thereunder.

**IV. FINDINGS**

The Director of the Ohio EPA has determined the following findings:

1. Respondent is the owner and operator of a primary aluminum reduction facility and glass manufacturing plant located on State Route 7, Hannibal, Monroe County, Ohio ("Facility").
2. Respondent holds a National Pollutant Discharge Elimination System ("NPDES") permit, No. 01E00005\*LD (issued on October 5, 2007) for the discharge of the wastewaters listed in the table below to the Ohio River from the Facility. The Ohio River constitutes "waters of the state" as defined by ORC § 6111.01.

Outfall Number	Description of Authorized Discharge
01E00005001	Direct chill castings cooling water (internal outfalls 01E00005601 and 01E00005602), rectifier line 6 non-contact cooling water, air conditioner non-contact cooling water and storm water runoff.
01E00005002	Internal outfall 01E00005605 from ground water and seeps treatment, rectifier lines 1-5 non-contact cooling water, glass plant non-contact cooling water, air conditioner non-contact cooling water, air compressor non-contact cooling water and storm water runoff.
01E0005003	Steam condensate, air conditioner non-contact cooling water, compressed air condensate, and storm water runoff.
01E00005004	Internal outfall 01E00005606 for treated seeps and storm water runoff at Superfund site, furnace non-contact cooling water, air compressor non-contact cooling water, anode press non-contact cooling water, steam plant boiler blowdown, compressed air dryer condensate, steam condensate, auto shop wash water, pump seal water and storm water runoff.
01E00005006, 01E00005007, 01E00005009, 01E00005010, 01E00005011, 01E00005015 and 01E00005016	Storm water runoff.
01E00005017	Sanitary wastewater treatment plant effluent.
01E00005601 and 01E00005602	Internal outfall from direct chill casting contact cooling water.
01E00005603	Internal outfall discharge from interceptor wells number 1 and number 2 before treatment at ground water treatment facility.
01E00005605	Internal outfall after treatment at ground water treatment facility.
01E00005606	Internal outfall of treated seeps and storm water runoff from the Superfund site.

3. Respondent, in operating a primary aluminum reduction facility, is subject to Chapter 40 of the Code of Federal Regulations, Part 421, Non-ferrous Metals Manufacturing.
4. Respondent, in operating a sanitary wastewater treatment plant, is subject to effluent limitations based on water quality standards contained in Ohio Administrative Code ("OAC") Chapter 3745-1 and wasteload allocation procedures contained in OAC Chapter 3745-2.
5. Pursuant to ORC § 6111.04(C), no person to whom a permit has been issued shall place or discharge, or cause to be placed or discharged, in any waters of the state any sewage, sludge, sludge materials, industrial waste, or other wastes in excess of the permissive discharges specified under an existing permit.

6. Pursuant to ORC § 6111.07(A), no person shall violate or fail to perform any duty imposed by ORC §§ 6111.01 to 6111.08 or violate any order, rule, or term or condition of a permit issued or adopted by the Director of Ohio EPA pursuant to those sections. Each day of violation is a separate offense.
7. Respondent has violated terms and conditions of its NPDES permit on numerous occasions as cited in Attachment 1. Each violation set forth in Attachment 1 constitutes a separate violation of ORC §§ 6111.04 and 6111.07. Attachment 1 is hereby incorporated into these Orders as if fully stated herein.
8. On May 7, 2007, Ohio EPA received an NPDES Permit Modification request from Respondent to modify the existing permit OIE00005\*KD by moving the Facility's final discharge location of internal outfall OIE00005605 from outfall OIE00005004 to OIE00005002.
9. Ohio EPA public noticed the draft NPDES Permit Modification on October 5, 2007.
10. On November 7, 2007, Ohio EPA received a letter from Respondent indicating that the proposed NPDES Permit Modification had been reviewed and Respondent had no comments on the changes.
11. On November 27, 2007, Ohio EPA conducted a compliance inspection at the Facility. In the inspection report dated January 4, 2008, Ohio EPA noted the following: large amount of alumina was on the ground throughout the Facility and should be cleaned up; modification to NPDES permit complete; continue progress towards NPDES permit compliance; submit information on potential of Monroe County water causing copper leaching problems; devise plan to eliminate exposed copper anodes from storm water; and industrial wastewater treatment system showed improvement and weirs were clean.
12. On December 1, 2007, Respondent's modified NPDES permit became effective.
13. On January 31, 2008, Ohio EPA received a response from Respondent to the inspection report indicating the following: increased housekeeping measures to clean up alumina around Facility; sampling required by modified NPDES permit began January 1, 2008; effort to correct ground water treatment plant pH issues had been successful; removed all rods from outdoor storage pad to inside to reduce copper in storm water drainage; moving remaining rods to inside storage or covered in place by March 1, 2008; and noted to clean treatment plant weirs every six months or sooner as needed.

14. On July 14, 2008, Ohio EPA received a letter from Respondent regarding the fecal coliform exceedances at outfall OIE00005017 that occurred on June 23, 2008 and June 30, 2008. Efforts noted to address the violations included changing the bulb intensity meter on the ultraviolet disinfection system, correcting the decreased air supply to the East operating tank, placing the West tank back into service after being down for repairs, and removal of sludge from the East tank.
15. On September 5, 2008, Ohio EPA received a letter from Respondent regarding total residual chlorine from outfalls OIE00005002 and OIE00005004 in April, May and June 2008. Efforts noted to address the violations at outfall OIE00005004 included repair of a leaking chemical discharge line, re-insulation and heat tracing the chemical dispensing line, placing end of dispensing tube into discharge stream to keep end from freezing up with chemical, and unplugging of chemical line from tote to pump and replacement of line. Efforts noted to address the violations at outfall OIE00005002 included repair and later replacement of the chemical dispensing pump, restoration of empty sodium bisulfide drum and reduction of sodium bisulfide viscosity to pumpable levels. Respondent established regular monthly maintenance checks on all chemical addition stations and chemical dispensing stations. The stations are also to be checked weekly by the Facility's environmental group. Respondent also noted investigating use of solid forms of the chemicals.
16. On October 8, 2008, Ohio EPA sent a Notice of Violation ("NOV") to Respondent for NPDES permit effluent violations from April and May 2008. The letter requested a response from Respondent providing reasons for the violations, as well as actions taken or proposed to prevent further violations.
17. On October 20, 2008, Ohio EPA conducted a compliance inspection at the Facility. In the inspection report dated October 29, 2008, Ohio EPA noted the following: discussed violations of Facility's NPDES permit and progress made to address them; discussed renewal application and discovery that flows for outfall OIE00005002 were calculated incorrectly, causing some noncompliance; noted improvement with overall housekeeping; and sanitary wastewater treatment plant has been refurbished and placed back online.
18. On December 15, 2008, Ohio EPA sent Respondent an NOV letter for NPDES permit effluent violations from July through September 2008. The letter requested a response from Respondent providing reasons for the violations as well as actions taken or proposed to prevent further violations.
19. On January 8, 2009, Ohio EPA received a response letter to the NOV from Respondent. Efforts noted to address the violations at outfall OIE00005017 included recleaning the disinfection channel and disinfection bulbs. Respondent reported total recoverable copper violations from outfall OIE00005002 were due to the incorrect flow number use to calculate loadings and requested this be corrected.

20. An NPDES Permit renewal application for the Facility was received by Ohio EPA on January 31, 2008.
21. As of June 2009, Respondent continues to report NPDES permit effluent limitation violations in their discharge monitoring reports ("DMRs").
22. The following orders do not constitute authorization or approval of the construction of any physical structure or facilities, or the modification of any existing treatment works or sewer system. Any such construction or modification is subject to the Permit to Install requirements of OAC Chapter 3745-42.
23. This document does not modify NPDES Permit No. 01E000005\*LD. The purpose of this document is to address noncompliance with NPDES Permit No. 01E000005\*LD and not to alter said permit.
24. Compliance with ORC Chapter 6111 is not contingent upon the availability or receipt of financial assistance.
25. The Director has given consideration to and based his determination on, evidence relating to the technical feasibility and economic reasonableness of complying with these Orders and to evidence relating to conditions calculated to result from compliance with these Orders, and its relation to the benefits to the people of the State to be derived from such compliance in accomplishing the purposes of ORC Chapter 6111.

## V. ORDERS

The Director hereby issues the following Orders:

1. Within thirty (30) days after the effective date of these Orders, Respondent, pursuant to Section X. of these Orders, shall submit to Ohio EPA for review and approval, a detailed plan describing the specific measures and activities to be implemented in order to comply with ORC Chapter 6111., the rules adopted thereunder, and the NPDES permit and any renewal or modification of the permit.
2. Respondent shall respond to any comments from Ohio EPA regarding the plan within thirty (30) days of Respondent's receipt of the comments.
3. Respondent shall implement the plan as approved and achieve compliance with ORC Chapter 6111., the rules adopted thereunder, and the NPDES permit and any renewal or modification of the permit in accordance with the approved plan.

4. Within six (6) months after the effective date of these Orders, Respondent shall employ a Class II Certified Operator, in accordance with OAC Chapter 3745-07, to oversee the operation of the sanitary wastewater and industrial wastewater treatment plants.
5. Respondent shall pay the amount of twelve thousand one hundred eighteen dollars (\$12,118.00), in settlement of Ohio EPA's claims for civil penalties, which may be assessed pursuant to ORC Chapter 6111 for the violations on Attachment 1. Within thirty (30) days after the effective date of these Orders, payment to Ohio EPA shall be made by an official check made payable to "Treasurer, State of Ohio" for nine thousand six hundred ninety-four dollars (\$9,694.00) of the total amount. The official check shall be submitted to Brenda Case, or her successor, together with a letter identifying Respondent, to:

Office of Fiscal Administration  
Ohio Environmental Protection Agency  
P.O. Box 1049  
Columbus, Ohio 43216-1049

A photocopy of the check shall be sent to Ohio EPA's Southeast District Office in accordance with Section X of these Orders.

6. In lieu of paying the remaining two thousand four hundred twenty-four dollars (\$2,424.00) of the civil penalty, Respondent shall, within thirty (30) days of the effective date of these Orders, fund a supplemental environmental project (SEP) by making a contribution in the amount of two thousand four hundred twenty-four dollars (\$2,424.00) to Ohio EPA's Clean Diesel School Bus Fund (Fund 5CD). Respondent shall tender an official check made payable to "Treasurer, State of Ohio" for said amount. The official check and a cover letter identifying Respondent shall be submitted to Brenda Case, or her successor at:

Ohio EPA  
Office of Fiscal Administration  
P.O. Box 1049  
Columbus, Ohio 43216-1049

A copy of the check shall be sent to Mark Mann, Enforcement Manager, Storm Water and Enforcement Section, or his successor, at the following address:

Ohio EPA  
Division of Surface Water  
P.O. Box 1049  
Columbus, Ohio 43216-1049

7. Should Respondent fail to fund the SEP within the required time frame set forth in Order No. 6, Respondent shall immediately pay to Ohio EPA the remaining two thousand four hundred twenty-four dollars (\$2,424.00) of the civil penalty in accordance with the procedures in Order No. 5.

#### **VI. TERMINATION**

Respondent's obligations under these Orders shall terminate when Respondent certifies in writing and demonstrates to the satisfaction of Ohio EPA that Respondent has performed all obligations under these Orders and the Chief of Ohio EPA's Division of Surface Water acknowledges, in writing, the termination of these Orders. If Ohio EPA does not agree that all obligations have been performed, then Ohio EPA will notify Respondent of the obligations that have not been performed, in which case Respondent shall have an opportunity to address any such deficiencies and seek termination as described above.

The certification shall contain the following attestation: "I certify that the information contained in or accompanying this certification is true, accurate and complete."

This certification shall be submitted by Respondent to Ohio EPA and shall be signed by a responsible official of the Respondent. For purposes of these Orders, a responsible official is defined in OAC Rule 3745-33-03(D).

#### **VII. OTHER CLAIMS**

Nothing in these Orders shall constitute or be construed as a release from any claim, cause of action or demand in law or equity against any person, firm, partnership or corporation, not a party to these Orders, for any liability arising from, or related to activities occurring on or at the site.

#### **VIII. OTHER APPLICABLE LAWS**

All actions required to be taken pursuant to these Orders shall be undertaken in accordance with the requirements of all applicable local, state and federal laws and regulations. These Orders do not waive or compromise the applicability and enforcement of any other statutes or regulations applicable to Respondent.

#### **IX. MODIFICATIONS**

These Orders may be modified by agreement of the parties hereto. Modifications shall be in writing and shall be effective on the date entered in the journal of the Director of Ohio EPA.

**X. NOTICE**

All documents required to be submitted by Respondent shall be addressed to:

Ohio Environmental Protection Agency  
Southeast District Office/Division of Surface Water  
Attention: Enforcement Supervisor  
2195 Front Street  
Logan, Ohio 43138

**XI. RESERVATION OF RIGHTS**

Ohio EPA and Respondent each reserve all other rights, privileges and causes of action, except as specifically waived in Section XI of these Orders.

**XII. WAIVER**

In order to resolve disputed claims, without admission of fact, violation or liability, and in lieu of further enforcement action by Ohio EPA for only the violations specifically cited in these Orders, Respondent consents to the issuance of these Orders and agrees to comply with these Orders. Compliance with these Orders shall be a full accord and satisfaction for Respondent's liability for the violations specifically cited herein.

Respondent hereby waives the right to appeal the issuance, terms and conditions, and service of these Orders and Respondent hereby waives any and all rights Respondent may have to seek administrative or judicial review of these Orders either in law or equity.

Notwithstanding the preceding, Ohio EPA and Respondent agree that if these Orders are appealed by any other party to the Environmental Review Appeals Commission, or any court, Respondent retains the right to intervene and participate in such appeal. In such an event, Respondent shall continue to comply with these Orders notwithstanding such appeal and intervention unless these Orders are stayed, vacated or modified.

**XIII. EFFECTIVE DATE**


The effective date of these Orders is the date these Orders are entered into the Ohio EPA Director's journal.



**XIV. SIGNATORY AUTHORITY**

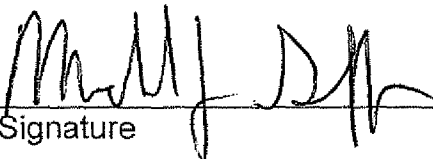
Each undersigned representative of a party to these Orders certifies that he or she is fully authorized to enter into these Orders and to legally bind such party to these Orders.

**IT IS SO ORDERED AND AGREED:  
Ohio Environmental Protection Agency**

  
\_\_\_\_\_  
Chris Korleski  
Director

12/21/09  
Date

**IT IS SO AGREED:  
Ormet Primary Aluminum Corporation**

  
\_\_\_\_\_  
Signature  
Michael J Griffin  
Printed or Typed Name  
VP of Operations  
Title

12/7/09  
Date

**ATTACHMENT I**

**Ormet Primary Aluminum Corporation  
NPDES Permit Violations**

Permit No.	Reporting Period	Station	Parameter	Unit/Conc	Actual	Limit	Date
01E00005*KD	July 2004	605	pH, Minimum	1D Conc	6.0	3.19	7/15/2004
01E00005*KD	August 2004	605	Cyanide, Total	30D Conc	0.485	.49333	8/1/2004
01E00005*KD	August 2004	605	Cyanide, Total	1D Conc	0.907	1.4	8/26/2004
01E00005*KD	September 2004	605	Cyanide, Total	30D Conc	0.485	.52778	9/1/2004
01E00005*KD	September 2004	605	pH, Minimum	1D Conc	6.0	3.44	9/5/2004
01E00005*KD	September 2004	605	pH, Minimum	1D Conc	6.0	4.87	9/6/2004
01E00005*KD	September 2004	605	Cyanide, Total	1D Conc	0.907	1.	9/10/2004
01E00005*KD	January 2005	004	Chlorine, Total Residu	1D Conc	0.038	.05	1/28/2005
01E00005*KD	February 2005	605	Cyanide, Total	30D Conc	0.485	.645	2/1/2005
01E00005*KD	March 2005	605	Cyanide, Total	30D Conc	0.485	.571	3/1/2005
01E00005*KD	March 2005	605	pH, Maximum	1D Conc	9.0	10.	3/15/2005
01E00005*KD	April 2005	605	Cyanide, Total	30D Conc	0.485	.51714	4/1/2005
01E00005*KD	April 2005	605	Cyanide, Total	1D Conc	0.907	1.	4/5/2005
01E00005*KD	May 2005	605	Cyanide, Total	30D Conc	0.485	.858	5/1/2005
01E00005*KD	May 2005	605	Cyanide, Total	1D Conc	0.907	1.2	5/3/2005
01E00005*KD	May 2005	605	Cyanide, Total	1D Conc	0.907	.98	5/5/2005
01E00005*KD	June 2005	605	Cyanide, Total	30D Conc	0.485	.896	6/1/2005
01E00005*KD	June 2005	605	Cyanide, Total	1D Conc	0.907	1.3	6/28/2005
01E00005*KD	June 2005	004	Chlorine, Total Residu	1D Conc	0.038	.1	6/28/2005
01E00005*KD	June 2005	605	Cyanide, Total	1D Conc	0.907	1.2	6/30/2005
01E00005*KD	June 2005	004	Chlorine, Total Residu	1D Conc	0.038	.1	6/30/2005
01E00005*KD	July 2005	605	Cyanide, Total	30D Conc	0.485	1.5875	7/1/2005
01E00005*KD	July 2005	605	Cyanide, Total	1D Conc	0.907	1.5	7/5/2005
01E00005*KD	July 2005	605	Cyanide, Total	1D Conc	0.907	1.3	7/7/2005
01E00005*KD	July 2005	004	Chlorine, Total Residu	1D Conc	0.038	.1	7/7/2005
01E00005*KD	July 2005	605	Cyanide, Total	1D Conc	0.907	1.	7/12/2005
01E00005*KD	July 2005	605	Cyanide, Total	1D Conc	0.907	2.7	7/15/2005
01E00005*KD	July 2005	605	Cyanide, Total	1D Conc	0.907	1.1	7/19/2005
01E00005*KD	July 2005	605	Cyanide, Total	1D Conc	0.907	2.6	7/21/2005
01E00005*KD	July 2005	605	Cyanide, Total	1D Conc	0.907	1.2	7/26/2005
01E00005*KD	July 2005	605	Cyanide, Total	1D Conc	0.907	1.3	7/27/2005
01E00005*KD	August 2005	605	Cyanide, Total	30D Conc	0.485	1.00444	8/1/2005
01E00005*KD	August 2005	605	Cyanide, Total	1D Conc	0.907	1.3	8/2/2005
01E00005*KD	August 2005	605	pH, Minimum	1D Conc	6.0	5.	8/3/2005
01E00005*KD	August 2005	605	Cyanide, Total	1D Conc	0.907	1.5	8/4/2005
01E00005*KD	August 2005	605	Cyanide, Total	1D Conc	0.907	.98	8/9/2005
01E00005*KD	August 2005	605	Cyanide, Total	1D Conc	0.907	.93	8/11/2005
01E00005*KD	August 2005	605	Cyanide, Total	1D Conc	0.907	1.	8/16/2005
01E00005*KD	August 2005	605	Cyanide, Total	1D Conc	0.907	1.6	8/18/2005
01E00005*KD	September 2005	605	Cyanide, Total	30D Conc	0.485	.53444	9/1/2005
01E00005*KD	October 2005	605	Cyanide, Total	30D Conc	0.485	.63375	10/1/2005
01E00005*KD	October 2005	605	Cyanide, Total	1D Conc	0.907	.96	10/6/2005

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 NPDES Permit Violations  
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Permit No.	Reporting Period	Station	Parameter	Unit	Value	Limit	Date
01E00005*KD	November 2005	605	Cyanide, Total	1D Conc	0.907	.96	11/2/2005
01E00005*KD	November 2005	605	Cyanide, Total	1D Conc	0.907	1.4	11/3/2005
01E00005*KD	April 2006	607	Fluoride, Total (F)	30D Qty	4.372	9.22026	4/1/2006
01E00005*KD	April 2006	607	Aluminum, Total	30D Qty	0.449	2.09432	4/1/2006
01E00005*KD	April 2006	607	Recover	1D Qty	1.012	2.09432	4/4/2006
01E00005*KD	July 2006	605	pH, Minimum	1D Conc	6.0	5.8	7/10/2006
01E00005*KD	October 2006	605	pH, Minimum	1D Conc	6.0	4.9	10/18/2006
01E00005*KD	March 2007	605	pH, Minimum	1D Conc	6.0	4.	3/12/2007
01E00005*KD	March 2007	605	pH, Minimum	1D Conc	6.0	5.	3/14/2007
01E00005*KD	April 2007	605	pH, Minimum	1D Conc	6.0	5.	4/5/2007
01E00005*KD	May 2007	003	Copper, Total Recovera	1D Conc	36	323.	5/1/2007
01E00005*KD	May 2007	605	Nickel, Total Recovera	1D Conc	549	833.	5/21/2007
01E00005*KD	June 2007	605	Nickel, Total Recovera	30D Conc	370	537.5	6/1/2007
01E00005*KD	June 2007	003	Acute Toxicity, Ceriod	1D Conc	1.0	1.41	6/4/2007
01E00005*KD	June 2007	605	Nickel, Total Recovera	1D Conc	549	661.	6/11/2007
01E00005*KD	June 2007	605	pH, Minimum	1D Conc	6.0	2.5	6/26/2007
01E00005*KD	June 2007	605	pH, Minimum	1D Conc	6.0	5.9	6/28/2007
01E00005*KD	June 2007	605	pH, Minimum	1D Conc	6.0	5.7	6/29/2007
01E00005*KD	July 2007	605	pH, Minimum	1D Conc	6.0	5.84	7/3/2007
01E00005*KD	July 2007	605	pH, Minimum	1D Conc	6.0	5.98	7/10/2007
01E00005*KD	July 2007	605	pH, Minimum	1D Conc	6.0	5.88	7/11/2007
01E00005*KD	July 2007	605	pH, Minimum	1D Conc	6.0	5.88	7/11/2007
01E00005*KD	August 2007	605	pH, Minimum	1D Conc	6.0	2.	8/10/2007
01E00005*LD	December 2007	003	Acute Toxicity, Ceriod	1D Conc	1.0	1.17	12/3/2007
01E00005*LD	February 2008	017	Fecal Collform	7D Conc	2000	3569.31	2/22/2008
01E00005*LD	April 2008	004	Chlorine, Total Residu	1D Conc	0.038	.073	4/7/2008
01E00005*LD	April 2008	004	Chlorine, Total Residu	1D Conc	0.038	.13	4/11/2008
01E00005*LD	April 2008	002	Copper, Total Recovera	1D Qty	0.025	.12262	4/14/2008
01E00005*LD	April 2008	004	Chlorine, Total Residu	1D Conc	0.038	.69	4/14/2008
01E00005*LD	April 2008	004	Chlorine, Total Residu	1D Conc	0.038	.11	4/18/2008
01E00005*LD	April 2008	004	Chlorine, Total Residu	1D Conc	0.038	.1	4/21/2008
01E00005*LD	April 2008	004	Chlorine, Total Residu	1D Conc	0.038	.12	4/25/2008
01E00005*LD	April 2008	002	Copper, Total Recovera	1D Conc	36	36.6	4/28/2008
01E00005*LD	April 2008	002	Cyanide, Weakacid	1D Conc	0.044	.048	4/28/2008
01E00005*LD	April 2008	002	Cyanide, Weakacid	1D Conc	0.044	.048	4/28/2008
01E00005*LD	May 2008	002	Chlorine, Total Residu	1D Conc	0.038	.098	5/5/2008

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 NPDES Permit Violations  
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Permit No.	Reporting Month	Station	Parameter	Limit/Type	Stat	Actual	Violation Date
01E00005*LD	June 2008	605	Aluminium, Total (Al)	30D Conc	2700	7131.82	6/1/2008
01E00005*LD	June 2008	605	Aluminium, Total (Al)	1D Conc	6110	24900.	6/2/2008
01E00005*LD	June 2008	004	Chlorine, Total Residu	1D Conc	0.038	.18	6/6/2008
01E00005*LD	June 2008	605	Aluminium, Total (Al)	1D Conc	6110	10600.	6/9/2008
01E00005*LD	June 2008	002	Chlorine, Total Residu	1D Conc	0.038	.14	8/12/2008
01E00005*LD	June 2008	004	Chlorine, Total Residu	1D Conc	0.038	.13	8/16/2008
01E00005*LD	June 2008	017	Fecal Coliform	7D Conc	400	580.	6/22/2008
01E00005*LD	July 2008	017	Fecal Coliform	7D Conc	400	620.	7/15/2008
01E00005*LD	August 2008	017	Fecal Coliform	30D Conc	200	215.018	8/1/2008
01E00005*LD	August 2008	002	Copper, Total Recovers	1D Conc	36	37.	8/25/2008
01E00005*LD	September 2008	017	Fecal Coliform	30D Conc	200	232.004	9/1/2008
01E00005*LD	September 2008	017	Fecal Coliform	7D Conc	400	440.	9/1/2008
01E00005*LD	September 2008	017	Fecal Coliform	7D Conc	400	440.	9/15/2008
01E00005*LD	November 2008	605	Aluminium, Total (Al)	30D Conc	2700	3336.66	11/1/2008
01E00005*LD	December 2008	003	Acute Toxicity, Ceriod	1D Conc	1.0	1.67	12/1/2008
01E00005*LD	December 2008	017	Fecal Coliform	7D Conc	2000	92000.	12/8/2008
01E00005*LD	December 2008	017	Fecal Coliform	7D Conc	2000	4000.	12/22/2008
01E00005*LD	February 2009	002	Chlorine, Total Residu	1D Conc	0.038	.19	2/16/2009
01E00005*LD	February 2009	002	Chlorine, Total Residu	1D Conc	0.038	.4	2/19/2009
01E00005*LD	February 2009	004	Chlorine, Total Residu	1D Conc	0.038	.18	2/23/2009
01E00005*LD	March 2009	002	Copper, Total Recovers	1D Conc	36	47.2	3/2/2009
01E00005*LD	March 2009	002	Copper, Total Recovers	1D Conc	36	47.6	3/9/2009
01E00005*LD	April 2009	005	Total Suspended Solids	30D Qty	810	1042.98	4/1/2009
01E00005*LD	April 2009	002	Copper, Total Recovers	1D Conc	36	36.4	4/6/2009
01E00005*LD	April 2009	004	Copper, Total Recovers	1D Conc	36	37.5	4/6/2009
01E00005*LD	April 2009	002	Copper, Total Recovers	1D Conc	36	48.1	4/20/2009
01E00005*LD	April 2009	004	Copper, Total Recovers	1D Conc	36	361.	4/20/2009
01E00005*LD	April 2009	004	Copper, Total Recovers	1D Qty	0.18	1.24888	4/20/2009
01E00005*LD	April 2009	005	Total Suspended Solids	1D Qty	2130	3653.45	4/20/2009
01E00005*LD	April 2009	004	Chlorine, Total Residu	1D Conc	0.038	.19	4/27/2009
01E00005*LD	June 2009	005	Aluminium, Total (Al)	1D Conc	6110	16.94	6/9/2009
01E00005*LD	June 2009	005	Aluminium, Total (Al)	1D Conc	6110	2.04	6/9/2009
01E00005*LD	June 2009	002	Copper, Total Recovers	1D Conc	36	59.8	6/29/2009

01E00005*LD	September-09	003	Copper, Total Recoverable	1D Conc	36	68	9/8/2009
01E00005*LD	September-09	002	Copper, Total Recoverable	1D Conc	36	60.2	9/14/2009
01E00005*LD	September-09	004	Copper, Total Recoverable	1D Conc	36	38.9	9/21/2009