

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
LOS ANGELES REGION**

**MONITORING AND REPORTING PROGRAM NO. CI-6079  
for  
OWENS-ILLINOIS, INC.  
(OWENS-BROCKWAY GLASS CONTAINER)  
(CA0056464)**

**I. Reporting Requirements**

- A. Owens-Illinois, Inc. (hereinafter Owens or Discharger) shall implement this monitoring program on the effective date of this Order. All monitoring reports shall be submitted quarterly and must be received by the Regional Board by the dates in the following schedule. All monitoring reports should be addressed to the Regional Board, Attention: Information Technology Unit. The first monitoring report under this Program is due by May 15, 2005.

<b>Reporting Period</b>	<b>Report Due</b>
January – March	May 15
April – June	August 15
July-September	November 15
October-December	February 15
Annual Summary Report	March 1

If there is no discharge during any reporting period, the report shall so state.

- B. The Discharger shall submit an annual report (for both dry and wet weather discharges), containing a discussion of the previous year's effluent and receiving water monitoring data, as well as graphical and tabular summaries of the data. The data shall be submitted to the Regional Board on hard copy and on a 3 1/2 " computer diskette. Submitted data must be IBM compatible, preferably using EXCEL software. This annual report is to be received by the Regional Board by March 1 of each year following the calendar year of data collection.
- C. Each monitoring report shall contain a separate section titled "Summary of Non-Compliance" which discusses the compliance record and corrective actions taken or planned that may be needed to bring the discharge into full compliance with waste discharge requirements. This section shall clearly list all non-compliance with waste discharge requirements, as well as all excursions of effluent limitations.
- D. The Discharger shall inform the Regional Board well in advance of any proposed construction activity that could potentially affect compliance with applicable requirements.

## II. Effluent Monitoring Requirements

- A. A sampling station shall be established at the point of discharge and shall be located where representative samples of that effluent can be obtained. The effluent samples shall be collected at the final effluent (i.e., combined oxygen plant vacuum pump seal water, fire protection system test water, and furnace drain water) discharge point (Discharge Serial No. 001) prior to the entry into the storm drains.

Internal Outfall 01A sampling station shall be located where representative samples of furnace drain water can be obtained. The furnace drain water samples shall be collected in the basement sump, prior to entry into the temporary pump line that directs water to the junction vault in the sidewalk, and then discharges to Discharge Serial No. 001.

Storm water runoff samples shall be collected in the rain diversion prior to the entry into the storm drain.

- B. This Regional Board shall be notified in writing of any change in the sampling stations once established or in the methods for determining the quantities of pollutants in the individual waste streams.
- C. Pollutants shall be analyzed using the analytical methods described in 40 CFR sections 136.3, 136.4, and 136.5 (revised May 14, 1999); or, where no methods are specified for a given pollutant, by methods approved by this Regional Board or the State Board. Laboratories analyzing effluent samples and receiving water samples shall be certified by the California Department of Health Services Environmental Laboratory Accreditation Program (ELAP) or approved by the Executive Officer and must include quality assurance/quality control (QA/QC) data in their reports. A copy of the laboratory certification shall be provided each time a new certification and/or renewal of the certification is obtained from ELAP.

The monitoring reports shall specify the analytical method used, the Method Detection Limit (MDL), and the Minimum Level (ML) for each pollutant. For the purpose of reporting compliance with numerical limitations, performance goals, and receiving water limitations, analytical data shall be reported by one of the following methods, as appropriate:

1. An actual numerical value for sample results greater than or equal to the ML; or,
2. "Detected, but Not Quantified (DNQ)" if results are greater than or equal to the laboratory's MDL but less than the ML; or,

3. "Not-Detected (ND)" for sample results less than the laboratory's MDL with the MDL indicated for the analytical method used.

Current MLs (Attachment B) are those published by the State Water Resources Control Board in the *Policy for the Implementation of Toxics Standards for Inland Surface Waters, Enclosed Bays, and Estuaries of California, March 2, 2000*.

- D. Where possible, the MLs employed for effluent analyses shall be lower than the permit limitations established for a given parameter. If the ML value is not below the effluent limitation, then the lowest ML value and its associated analytical method shall be selected for compliance purposes. At least once a year, the Discharger shall submit a list of the analytical methods employed for each test and associated laboratory QA/QC procedures.

The Regional Board, in consultation with the State Board Quality Assurance Program, shall establish a ML that is not contained in Attachment B to be included in the Discharger's permit in any of the following situations:

1. When the pollutant under consideration is not included in Attachment B;
  2. When the Discharger and Regional Board agree to include in the permit a test method that is more sensitive than that specified in 40 CFR Part 136 (revised May 14, 1999);
  3. When the Discharger agrees to use an ML that is lower than that listed in Attachment B;
  4. When the Discharger demonstrates that the calibration standard matrix is sufficiently different from that used to establish the ML in Attachment B, and proposes an appropriate ML for their matrix; or,
  5. When the Discharger uses a method whose quantification practices are not consistent with the definition of an ML. Examples of such methods are the U.S. EPA-approved method 1613 for dioxins and furans, method 1624 for volatile organic substances, and method 1625 for semi-volatile organic substances. In such cases, the Discharger, the Regional Board, and the State Board shall agree on a lowest quantifiable limit and that limit will substitute for the ML for reporting and compliance determination purposes.
- E. Water/wastewater samples must be analyzed within allowable holding time limits as specified in 40 CFR section 136.3. All QA/QC items must be run on the same dates the samples were actually analyzed, and the results shall be reported in the Regional Board format, when it becomes available, and submitted with the laboratory reports.

Proper chain of custody procedures must be followed, and a copy of the chain of custody shall be submitted with the report.

- F. All analyses shall be accompanied by the chain of custody, including but not limited to data and time of sampling, sample identification, and name of person who performed sampling, date of analysis, name of person who performed analysis, QA/QC data, method detection limits, analytical methods, copy of laboratory certification, and a perjury statement executed by the person responsible for the laboratory.
- G. Annual storm water effluent analyses shall be performed during the first rainfall event of the wet season (October 1 – May 31). Annual analyses for final effluent (i.e., combined oxygen plant vacuum pump seal water, fire protection system test water, if available, and furnace drain water, if available) shall be performed in February. Results of annual analyses shall be reported in the appropriate quarterly monitoring report.
- H. For parameters that both monthly average and daily maximum limits are specified and the monitoring frequency is less than four times a month, the following shall apply: If an analytical result is greater than the monthly average limit, the sampling frequency shall be increased (within 1 week of receiving the test results) to a minimum of once weekly, if possible, at equal intervals, until at least four consecutive weekly samples have been obtained, and compliance with the monthly average limit has been demonstrated. The Discharger shall provide for the approval of the Executive Officer a program to ensure future compliance with the monthly average limit.

### III. Effluent Monitoring Program

#### A. Effluent Monitoring for Furnace Drain Water Discharged through Internal Outfall 01A:

The Discharger shall collect a sample of furnace drain water, prior to mixing with the other waste streams, and prior to being discharged to Discharge Serial No. 001. The following shall constitute the monitoring program for discharges of furnace drain water:

Constituent	Units	Type of Sample	Sampling Frequency <sup>1</sup>
Flow	Gal/day	--	Once per discharge event
pH	Standard units	Grab	Once per discharge event
Temperature	°F	Grab	Once per discharge event
Oil and Grease <sup>2</sup>	Mg/L	Grab	Once per discharge event
Total Suspended Solids <sup>2</sup>	Mg/L	Grab	Once per discharge event
Settleable Solids	Mg/L	Grab	Once per discharge event
Total Dissolved Solids	Mg/L	Grab	Once per discharge event
Turbidity	NTU	Grab	Once per discharge event
BOD <sub>5</sub>	Mg/L	Grab	Once per discharge event
Residual Chlorine	Mg/L	Grab	Once per discharge event

Constituent	Units	Type of Sample	Sampling Frequency <sup>1</sup>
Fluoride	Mg/L	Grab	Once per discharge event
Chloride	Mg/L	Grab	Once per discharge event
Sulfate	Mg/L	Grab	Once per discharge event
Phenols	Mg/L	Grab	Once per discharge event
Sulfides	Mg/L	Grab	Once per discharge event
Nitrate-nitrogen + Nitrite-nitrogen (as N)	Mg/L	Grab	Once per discharge event
Copper <sup>3</sup>	µg/L	Grab	Once per discharge event
Arsenic <sup>3</sup>	µg/L	Grab	Once per discharge event
Cadmium <sup>3</sup>	µg/L	Grab	Once per discharge event
Total chromium <sup>3</sup>	µg/L	Grab	Once per discharge event
Chromium VI <sup>3</sup>	µg/L	Grab	Once per discharge event
Chromium <sup>3</sup>	µg/L	Grab	Once per discharge event
Lead <sup>3</sup>	µg/L	Grab	Once per discharge event
Mercury	µg/L	Grab	Once per discharge event
Selenium <sup>3</sup>	µg/L	Grab	Once per discharge event
Silver <sup>3</sup>	µg/L	Grab	Once per discharge event
Thallium	µg/L	Grab	Once per discharge event
Zinc <sup>3</sup>	µg/L	Grab	Once per discharge event
Cyanide	µg/L	Grab	Once per discharge event
2,3,7,8-TCDD	µg/L	Grab	Once per discharge event
Bis(2-ethylhexyl)Phthalate	µg/L	Grab	Once per discharge event
Methyl-ethyl-ketone (MEK)	µg/L	Grab	Once per discharge event
Remaining Priority Pollutants (see page T-14)	µg/L	Grab	Once per discharge event <sup>4</sup>
Toxicity-Acute <sup>5</sup>	% survival	Grab	Once per discharge event

<sup>1</sup> During periods of extended discharge, no more than one sample per month need to be taken. Sampling shall be performed during the first hour of discharge. If, for safety reasons, a sample cannot be obtained during the first hour of discharge, a sample shall be obtained at the first safe opportunity, and the reason for the delay shall be included in the report.

<sup>2</sup> In compliance with the effluent limitations in Item I.B. of the Order R4-2004-0171, the mass emission (in lbs/day) for oil and grease, and total suspended solids shall be calculated using the detected concentration (mg/L) or one half of the detection limit (if not detected ND), and the actual flow rate measured at the time of discharge, using the formula:

$$m = 8.34 C_i Q$$

where: m = mass discharge for a pollutant, lbs/day

C<sub>i</sub> = detected concentration or one half of the detection limit (if not detected, ND) for a pollutant, mg/L

Q = actual discharge flow rate, million gallons per day (mgd)

<sup>3</sup> All metals shall be reported as total recoverable.

<sup>4</sup> During periods of extended discharge, no more than one sample per year need to be taken. Sampling shall be performed during the first hour of discharge.

<sup>5</sup> Refer to item IV.

**B. Effluent Monitoring for Wastewater Discharged through Discharge Serial No. 001:**

The following constitute the monitoring program for all discharges through NPDES Discharge Serial No. 001 (Latitude 33°52' 30" North, Longitude 118°07' 30" West):

Constituent	Units	Type of Sample	Sampling Frequency
Flow	gal/day	--	Daily
pH	Standard units	Grab	Monthly
Temperature	°F	Grab	Monthly
Oil and Grease	Mg/L	Grab	Monthly
Total Suspended Solids	Mg/L	Grab	Monthly
Settleable Solids	Mg/L	Grab	Monthly
Total Dissolved Solids	Mg/L	Grab	Monthly
Turbidity	NTU	Grab	Monthly
BOD <sub>5</sub>	Mg/L	Grab	Monthly
Copper <sup>1</sup>	µg/L	Grab	Monthly
Bis(2-ethylhexyl)phthalate	µg/L	Grab	Monthly
Residual Chlorine	Mg/L	Grab	Quarterly
Fluoride	Mg/L	Grab	Quarterly
Chloride	Mg/L	Grab	Quarterly
Sulfate	Mg/L	Grab	Quarterly
Nitrate-nitrogen + Nitrite-nitrogen (as N)	Mg/L	Grab	Quarterly
Phenols	Mg/L	Grab	Quarterly
Sulfides	Mg/L	Grab	Quarterly
Arsenic <sup>1</sup>	µg/L	Grab	Quarterly
Cadmium <sup>1</sup>	µg/L	Grab	Quarterly
Total Chromium <sup>1</sup>	µg/L	Grab	Quarterly
Chromium VI <sup>1</sup>	µg/L	Grab	Quarterly
Chromium <sup>2</sup>	µg/L	Grab	Quarterly
Lead <sup>1</sup>	µg/L	Grab	Quarterly
Mercury	µg/L	Grab	Quarterly
Selenium <sup>1</sup>	µg/L	Grab	Quarterly
Silver <sup>1</sup>	µg/L	Grab	Quarterly
Zinc <sup>1</sup>	µg/L	Grab	Quarterly
Thallium	µg/L	Grab	Quarterly
Cyanide	µg/L	Grab	Quarterly
Methyl-ethyl-ketone (MEK)	µg/L	Grab	Quarterly
2,3,7,8-TCDD	µg/L	Grab	Semi-Annually
Remaining Priority Pollutants (see page T-14)	µg/L	Grab	Annually
Salinity	g/L	Grab	Annually
Hardness (as CaCO <sub>3</sub> )	Mg/L	Grab	Annually
Toxicity-Acute <sup>2</sup>	% survival	Grab	Annually

<sup>1</sup> All metals shall be reported as total recoverable.

<sup>2</sup> Refer to item IV.

**C. Effluent Monitoring for Storm Water Runoff:**

The Discharger shall collect a sample of storm water runoff at a point after the Rain Diversion prior to entering the storm drain. The following shall constitute the monitoring program for discharges of storm water run off:

Constituent	Units	Type of Sample	Sampling Frequency <sup>1</sup>
Flow	Gal/day	--	Once per discharge event
pH	Standard units	Grab	Once per discharge event
Temperature	°F	Grab	Once per discharge event
Oil and Grease	Mg/L	Grab	Once per discharge event
Total Suspended Solids	Mg/L	Grab	Once per discharge event
Settleable Solids	Mg/L	Grab	Once per discharge event
Total Dissolved Solids	Mg/L	Grab	Once per discharge event
Turbidity	NTU	Grab	Once per discharge event
BOD <sub>5</sub>	Mg/L	Grab	Once per discharge event
Residual Chlorine	Mg/L	Grab	Once per discharge event
Fluoride	Mg/L	Grab	Once per discharge event
Chloride	Mg/L	Grab	Once per discharge event
Sulfate	Mg/L	Grab	Once per discharge event
Phenols	Mg/L	Grab	Once per discharge event
Sulfides	Mg/L	Grab	Once per discharge event
Nitrate-nitrogen + Nitrite-nitrogen (as N)	Mg/L	Grab	Once per discharge event
Copper <sup>2</sup>	µg/L	Grab	Once per discharge event
Arsenic <sup>2</sup>	µg/L	Grab	Once per discharge event
Cadmium <sup>2</sup>	µg/L	Grab	Once per discharge event
Total chromium <sup>2</sup>	µg/L	Grab	Once per discharge event
Chromium VI <sup>2</sup>	µg/L	Grab	Once per discharge event
Chromium <sup>2</sup>	µg/L	Grab	Once per discharge event
Lead <sup>2</sup>	µg/L	Grab	Once per discharge event
Mercury	µg/L	Grab	Once per discharge event
Selenium <sup>2</sup>	µg/L	Grab	Once per discharge event
Silver <sup>2</sup>	µg/L	Grab	Once per discharge event
Thallium	µg/L	Grab	Once per discharge event
Zinc <sup>2</sup>	µg/L	Grab	Once per discharge event
Cyanide	µg/L	Grab	Once per discharge event
2,3,7,8-TCDD	µg/L	Grab	Once per discharge event <sup>3</sup>
Bis(2-ethylhexyl)Phthalate	µg/L	Grab	Once per discharge event
Methyl-ethyl-ketone (MEK)	µg/L	Grab	Once per discharge event
Remaining Priority Pollutants (see page T-14)	µg/L	Grab	Once per discharge event <sup>3</sup>
Toxicity-Acute <sup>4</sup>	% survival	Grab	Once per discharge event

<sup>1</sup> During periods of extended discharge, no more than one sample per month need to be taken. Sampling shall be performed during the first hour of discharge. If, for safety reasons, a sample cannot be obtained during the first hour of discharge, a sample shall be obtained at the first safe opportunity, and the reason for the delay shall be included in the report.

<sup>2</sup> All metals shall be reported as total recoverable.

<sup>3</sup> For the first 3 years of the permit term (interim monitoring period, until November 30, 2006) monitoring is required once per discharge (but no more than two samples per calendar year are required).

For the remainder of the permit term, monitoring is required once per discharge (but no more than one sample per calendar year is required). All samples shall be collected during the months of October – March. If a pollutant is detected above the established effluent limitations, then the minimum monitoring frequency shall be increased to once per discharge event (provided that there are subsequent discharge events) until at least three consecutive test results are not detected, after which the frequency of analysis shall revert to annually.

<sup>4</sup> Refer to item IV.

#### IV. Toxicity Monitoring Requirements

##### A. Acute Toxicity Effluent Monitoring Program

1. The Discharger shall conduct acute toxicity tests on effluent grab samples by methods specified in 40 CFR Part 136 which cites U.S. EPA's *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms*, Fifth Edition, October 2002, U.S. EPA, Office of Water, Washington D.C. (EPA/821-R-02-012) or a more recent edition to ensure compliance in 100 % effluent.
2. The fathead minnow, *Pimephales promelas*, shall be used as the test species for fresh water receiving water and the topsmelt, *Atherinops affinis*, shall be used as the test species for brackish receiving water. The method for topsmelt is found in U.S. EPA's *Short-term Method for Estimating the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms*, Third Edition, October 2002 (EPA/821-R-02-014).
3. In lieu of conducting the standard acute toxicity testing with the fathead minnow, the Discharger may elect to report the results or endpoint from the first 48 hours of the chronic toxicity test as the results of the acute toxicity test.
4. Effluent samples shall be collected after all treatment processes and before discharge to the receiving water.

##### B. Quality Assurance

1. Concurrent testing with a reference toxicant shall be conducted. Reference toxicant tests shall be conducted using the same test conditions as the effluent toxicity tests (e.g., same test duration, etc).

2. If either the reference toxicant test or effluent test does not meet all test acceptability criteria (TAC) as specified in the test methods manuals (EPA/821-R-02-013 and EPA/821-R-02-014), then the Discharger must re-sample and re-test at the earliest time possible.
3. Control and dilution water should be receiving water or laboratory water, as appropriate, as described in the manual. If the dilution water used is different from the culture water, a second control using culture water shall be used.

C. Accelerated Monitoring

1. If toxicity exceeds the limitations (as defined in Order No. R4-2004-0171, Sections I.C.3.a.i.), then the Discharger shall immediately implement accelerated testing as specified in Sections I.C.3.a.ii. The Discharger shall ensure that they receive results of a failing acute toxicity test within 24 hours of the close of the test and the additional tests shall begin within 3 business days of the receipt of the result. If the accelerated testing shows consistent toxicity, the Discharger shall immediately implement the Initial Investigation of the Toxicity Reduction Evaluation (TRE) Workplan.
2. If implementation of the initial investigation TRE Workplan indicates the source of toxicity (e.g., a temporary plant upset, etc.), then the Discharger may discontinue the Toxicity Identification Evaluation (TIE).
3. The first step in the initial Investigation TRE Workplan for downstream receiving water toxicity can be a toxicity test protocol designed to determine if the effluent from Discharge Serial No. 001 causes or contributes to the measured downstream acute toxicity. If this first step TRE testing shows that the effluent does not cause or contribute to downstream acute toxicity, using U.S. EPA's *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms*, Fifth Edition, October 2002, U.S. EPA, Office of Water, Washington D.C. (EPA/821-R-02-012), then a report on this testing shall be submitted to the Board and the TRE will be considered to be completed. Routine testing in accordance with *M&RP* No. 6079 shall be continued thereafter.

D. Steps in TRE and TIE procedures:

1. Following a TRE trigger, the Discharger shall initiate a TRE in accordance with the facility's initial investigation TRE Workplan. At a minimum, the Discharger shall use EPA manuals EPA/600/2-88/070 (industrial) or EPA/833B-99/002 (municipal) as guidance. At a minimum, the TRE workplan must contain the provisions in Attachment C. The Discharger shall expeditiously develop a more detailed TRE Workplan for submittal to the Executive Officer within 30 days of the trigger, which

will include, but not be limited to:

- a. Further actions to investigate and identify the cause of toxicity;
  - b. Actions the Discharger will take to mitigate the impact of the discharge and prevent the recurrence of toxicity;
  - c. Standards the Discharger will apply to consider the TRE complete and to return to normal sampling frequency; and,
  - d. A schedule for these actions.
2. The following is a stepwise approach in conducting the TRE:
- a. Step 1 - Basic data collection. Data collected for the accelerated monitoring requirements may be used to conduct the TRE;
  - b. Step 2 - Evaluates optimization of the treatment system operation, facility housekeeping, and the selection and use of in-plant process chemicals;
  - c. If Steps 1 and 2 are unsuccessful, Step 3 implements a TIE and employment of all reasonable efforts and using currently available TIE methodologies. The objective of the TIE is to identify the substance or combination of substances causing the observed toxicity;
  - d. Assuming successful identification or characterization of the toxicant(s), Step 4 evaluates final effluent treatment options;
  - e. Step 5 evaluates in-plant treatment options; and,
  - f. Step 6 consists of confirmation once a toxicity control method has been implemented.

Many recommended TRE elements parallel source control, pollution prevention, and storm water control program best management practices (BMPs). To prevent duplication of efforts, evidence of implementation of these control measures may be sufficient to comply with TRE requirements. By requiring the first steps of a TRE to be accelerated testing and review of the facility's TRE Workplan, a TRE may be ended in its early stages. All reasonable steps shall be taken to reduce toxicity to the required level. The TRE may be ended at any stage if monitoring indicates there is no longer toxicity (or six consecutive acute toxicity results are greater than or equal 90 percent survival).

3. The Discharger may initiate a TIE as part of the TRE process to identify the cause(s) of toxicity. The Discharger shall use the EPA acute and chronic manuals, EPA/600/6-91/005F (Phase I)/EPA/600/R-96-054 (for marine), EPA/600/R-92/080 (Phase II), and EPA-600/R-92/081 (Phase III) as guidance.
4. If a TRE/TIE is initiated prior to completion of the accelerated testing schedule required by Part I.C.3.a.ii of this permit, then the accelerated testing schedule may be terminated, or used as necessary in performing the TRE/TIE, as determined by the Executive Officer.
5. Toxicity tests conducted as part of a TRE/TIE may also be used for compliance, if appropriate.
6. The Board recognizes that toxicity may be episodic and identification of causes of and reduction of sources of toxicity may not be successful in all cases. Consideration of enforcement action by the Board will be based in part on the Discharger's actions and efforts to identify and control or reduce sources of consistent toxicity.

#### E. Reporting

1. The Discharger shall submit a full report of the toxicity test results, including any accelerated testing conducted during the month as required by this permit. Test results shall be reported as % survival with the discharge monitoring reports (DMR) for the month in which the test is conducted.
2. If an initial investigation indicates the source of toxicity and accelerated testing is unnecessary, then those results also shall be submitted with the DMR for the period in which the investigation occurred.
  - a. The full report shall be submitted on or before the end of the month in which the DMR is submitted.
  - b. The full report shall consist of (1) the results; (2) the dates of sample collection and initiation of each toxicity test; (3) the acute toxicity average limit or chronic toxicity limit or trigger.
3. Test results for toxicity tests also shall be reported according to the appropriate manual chapter on Report Preparation and shall be attached to the DMR. Routine reporting shall include, at a minimum, as applicable, for each test:
  - a. Sample date(s);

- b. Test initiation date;
  - c. Test species;
  - d. End point values for each dilution (e.g., number of young, growth rate, percent survival);
  - e. Mean percent mortality ( $\pm$  standard deviation) after 96 hours in 100 % effluent (if applicable);
  - f. NOEC and LOEC values for reference toxicant test(s);
  - g.  $C_{25}$  value for reference toxicant test(s);
  - h. Any applicable charts; and
  - i. Available water quality measurements for each test (e.g., pH, D.O., temperature, conductivity, hardness, salinity, ammonia).
4. The Discharger shall provide a compliance summary, which includes a summary table of toxicity data from all samples and any accelerated samples from the term of this Order.

The Discharger shall notify by telephone or electronically, this Regional Board of any toxicity exceedance of the limit or trigger within 24 hours of receipt of the results followed by a written report within 14 calendar days of receipt of the results. The verbal or electronic notification shall include the exceedance and the plan the Discharger has taken or will take to investigate and correct the cause(s) of toxicity. It may also include a status report on any actions required by the permit, with a schedule for actions not yet completed. If no actions have been taken, the reasons shall be given.

## **V. Storm Water Monitoring Requirements**

### **1. Rainfall Monitoring**

The Discharger shall measure and record the rainfall on each day of the month. This information shall be included in the monitoring report for that month.

2. Visual Observation

The Discharger shall make visual observations of all storm water discharge locations on at least one storm event per month that produces a significant storm water discharge to observe the presence of floating and suspended materials, oil and grease, discoloration, turbidity, and odor. A "significant storm water discharge" is a continuous discharge of storm water for a minimum of one hour, or the intermittent discharge of storm water for a minimum of three hours in a 12-hour period.

Ordered by: \_\_\_\_\_  
Jonathan S. Bishop  
Executive Officer

Date: December 13, 2004