October 6, 2005

Ms. Susan M. Cloke
Chair, Los Angeles Regional Water Quality Control Board
320 West 4th Street, Suite #200
Los Angeles, CA 90013-2343

Re: Boeing/Rocketdyne Santa Susana Field Laboratory NPDES Permit

Dear Madame Chair:

At the July 27, 2005 meeting of the Santa Susana Field Laboratory Interagency Workgroup in Simi Valley, RWQCB staff delivered a report detailing recent violations of the laboratory's NPDES permit. The revelations were devastating. In a mere six month period, Boeing/Rocketdyne racked-up forty-one (41) violations and exceedances of permit limits. (See Attachments I and II hereto.) Many of the exceedances occurred through Outflow 001 which drains directly into heavily-populated Bell Creek. Violations include dioxins at up to 7000 times the permit level. As you are aware, dioxins are some of the most toxic substances known to humankind.

It is clear that past enforcement actions against Boeing have been completely ineffective. The total of $39,000 in fines for violations over several years preceding renewal of the NPDES permit is trivial for a company like Boeing, and that fact is made clear by the recent monitoring results. Rather than showing past enforcement resulted in current compliance, the violation rate is increasing dramatically.

Leaving aside the ineffectiveness of past minimal fines for past violations, to date, as best we can determine, no fines have been issued for the 17 violations cited for the last quarter of last year, and no notice of violation even issued for the 24 permit limit exceedances from the first quarter of this year.

Mr. Bacharowski, in his presentation to the SSFLWork Group, said RWQCB staff had asked for a plan from Boeing as to how it will prevent further violations and that such a plan had been submitted and was being reviewed. What he did not reveal to the public is that Boeing’s compliance plan was in fact a request for the Board to retroactively and for several years into the future suspend the permit limits Boeing has been exceeding. Rather than comply with pollution discharge limits in its permit, Boeing has quietly requested the reopening of that permit to eliminate the limits it has been violating. We strongly object. If anything, the permit should be strengthened. At minimum, Boeing should be brought into compliance with its existing permit requirements. But under no circumstances should Boeing be allowed to jettison the NPDES permit requirements it has been violating.

Lastly, RWQCB staff, in response to questions from the SSFL Work Group, made another astonishing disclosure. As you will recall, last June during consideration of renewal of the Boeing NPDES permit the Board wanted to impose enforceable discharge limits at various outfalls for contaminants known to exist at the SSFL site. RWQCB asserted – completely

erroneously we believe – that the Board was barred from imposing such limits until there had been an exceedance for those contaminants at those outfalls, and since many of the outfalls were new, with no monitoring history, a kind of "get out of jail free pass" must be issued to Boeing that permits initial exceedances before reopening the permit to include an enforceable limit. Staff said it would review the monitoring data annually and bring a reopener to the Board if necessary. The Board said that wasn't good enough, too much time would elapse. The Board mandated inclusion of an additional permit condition whereby Boeing would be required in its permit to notify RWQCB staff of any detection of these non-limited contaminants within 24 hours; staff was to immediately review the notification upon receipt and when so indicated by that review, bring to the Board within 90 days a reopener of the permit to include enforceable limits for the detected contaminants.

We were therefore stunned to learn that Boeing had transmitted to staff dozens of 24-hour notices containing hundreds of detects of analytes, but that RWQCB staff responsible for the permit had not looked at any of them. Staff said they were letting the notices pile up for a year and would merely review them as part of their annual review of the permit. The Board had clearly directed otherwise, something denied by staff. It of course makes no sense whatsoever to require notifications within 24 hours of a detect if no one will look at them for a year.

Since your staff has failed to review and analyze any of the 24-hour notifications as they came in, we have taken it upon ourselves to do a preliminary assessment. In the spreadsheet that is attached (Attachment III), some of the 24-hour notifications are listed by analyte, detected concentration, and where available, limit in the existing permit for other outfalls. You will see that if your staff had actually looked at the notifications sent in by Boeing, they would have found dozens of exceedances, which should long ago have triggered reopening of the permit to include enforceable limits for these toxins, pursuant to your direction and the permit provisions. Failing to do what was required, however, has resulted in more than a year passing with repeated exceedances and no ability to take enforcement action because staff never reopened the permit to include limits for these pollutants that we know are leaving the outfalls.

Clearly, something is amiss with regards compliance, enforcement, and oversight of the Boeing permit. We note that the Board over a year ago expressed concern about the slow pace of the cleanup of SSFL – it has essentially not begun for the chemical contamination and been abandoned for cleanup of the radioactive contamination. The recent fires at SSFL – something many of us have been warning about for years – have increased the potential for contaminant release, first through the fire itself, and now by increased migration of Boeing's toxic contamination via surface water leaving the denuded site. Attention by this Board is necessary.

Rather than weakening the current permit, we, the undersigned, ask the Board to:

- Take vigorous enforcement action against Boeing by imposing meaningful fines and requiring preventive action;

- Reopen and revise the NPDES permit to impose numeric limits for those contaminants without numeric limits for which monitoring data now shows a reasonable potential for exceedance of toxics criteria, as contemplated by the Board and provided in the NPDES permit; and
- Reject Boeing's request to grant it a compliance schedule with no enforceable effluent limits.

At the 2004 public hearings on the current NPDES permit, the Regional Board expressed concern that insufficient progress has been made by Boeing in cleaning up this highly contaminated site. We believe that both Boeing and the Regional Board staff need a strong reminder of the Board's concern.

## A. Enforcement Action Is Required

In the first six months of the new permit, Boeing has reported forty-one violations of permit limits for contaminants that include TCDD dioxins, mercury, copper, pH, chromium, manganese, MBAS, iron, lead, sulfate, oil and grease, residual chlorine, and chronic toxicity. Boeing has previously been cited and fined numerous times for violations of Regional Board requirements. However, previous citations and small fines have not resulted in any change in Boeing's compliance. Indeed, consideration of Boeing's poor compliance history led the Board to conclude in 2003 that numeric effluent limitations were required because best management practices had proven ineffective.

On March 14, 2005, the Regional Board's Executive Officer issued a Notice of Violation to Boeing for seventeen exceedances of permit limits reported in the 4$^{th}$ Quarter 2004 self-monitoring reports.

The March 14, 2005 Notice of Violation required Boeing to immediately implement corrective and preventative actions and to submit a report to the Executive Officer by April 14, 2005 detailing the corrective actions taken and the results thereof.

On July 27, 2005 at the Interagency Workgroup meeting, when asked what response Boeing had made to the notice of violation, David Bacharowski advised participants that Boeing had provided a plan for compliance.

However, it appears that Boeing's proposal is actually its request to eviscerate the NPDES permit by removing enforceable limits and suspending enforcement action. On July 15, 2005, Boeing formally asked the Board to reopen and revise its NPDES permit to relieve it of the obligation to meet the numeric limitations it has already violated by instituting a compliance schedule under which Boeing would be relieved of the obligation to meet any numeric limits that were not in the 1998 permit. Boeing also asked that the compliance schedule be made retroactive or that enforcement action be abandoned.

Mr. Bacharowski did not advise the participants at the July 27, 2005 meeting that Boeing had made this request.

At this point, it is not clear what action, if any, staff is taking on Boeing's violations. We are not aware that Boeing has met its obligation under the Notice of Violation to identify and take corrective action; Boeing's July 15, 2005 request for a compliance schedule does not identify any corrective action.

Furthermore, we are not aware that staff has issued a Notice of Violation on account of the twenty-four additional violations reported in Boeing's 1st Quarter 2005 self-monitoring report.

In view of the failure of Boeing to respond meaningfully to prior enforcement action or, apparently, to the 2005 Notice of Violation and the apparent failure of staff to follow up its pending enforcement action, we ask that the Board direct its staff to pursue enforcement vigorously. At a minimum, staff should issue a Notice of Violation for the 1st Quarter 2005 exceedances, impose substantial fines for violations from that quarter and the previous quarter, and require immediate corrective action. A slap on the wrist, as was done previously in terms of tiny fines inconsequential to a firm of Boeing's size, clearly will have no effect.

### B. 24-Hour Notices Demonstrate That Additional Permit Limits Should Be Imposed

After receiving comments and public testimony about this uniquely contaminated site and the history of violations at the May 2004 NPDES permit hearing, the Regional Board asked its staff to investigate all avenues to impose numeric limits on the site. Staff incorrectly advised the Regional Board that it had no authority to impose numeric limits without effluent monitoring data, except in extraordinary circumstances.[1] Thus, the Regional Board acquiesced to its staff's recommendations to remove a number of numeric limits from Outfalls 001 through 007 and not to impose numeric limits on the newly designated outfalls 008 through 018.

Because the Board believed that it could not impose numeric limitations without effluent monitoring data, the Board required that Boeing should immediately report exceedances of the detection limits for monitored constituents without effluent limitations, that Board staff should promptly consider whether that data indicated a reasonable potential for exceedances, and that the staff should reopen the NPDES permit within 90 days to impose additional numeric limits when a reasonable potential was found. (See Transcript of July 1, 2003 public hearing, pp. 130-135, 145-146, 156-157, 165-166; NPDES Permit para. III.A.)

At the July 27, 2005 Interagency Workgroup meeting, David Bacharowski acknowledged that Boeing has submitted numerous 24-hour notices but that Board staff had not reviewed these notices or begun to conduct a reasonable potential analysis. Mr. Bacharowski and Ms. Owen indicated that staff intended to review the notices only in connection with an annual

[1] See footnote 3, below.

permit review. In response to questioning, Mr. Bacharowski denied that the NPDES permit required staff to even look at the 24-hour notices until performing its annual review. There is clearly no sense in requiring notification of pollutant detections within 24 hours if no one looks at them for a year.

The September 1, 2005 Executive Officer's report indicates that staff have tentatively scheduled presentation of a reasonable potential analysis for Board consideration at the December, 2005 meeting. The Executive Officer's report apparently references a provision of the NPDES permit (para. IV.A) that requires yearly review of additional data to determine if reasonable potential exists.

But this annual reasonable potential analysis is *not* the process contemplated by the Board for its staff to respond to the 24-hour notices. A separate provision, paragraph III.A., governs the 24-hour notices, and this provision was clearly intended to prompt *immediate* staff action to reopen the permit to impose additional limits. In the July 1, 2003 hearing, the Board was led to believe that the 24-hour notice language would result in a reopener within 90 days:

> "Two prompts to [the 24-hour notice provision]: Discharger's under an obligation, for those constituents without effluent limitations, to report - - within 24 hours, via facsimile, to the Regional Board - - when the Discharger becomes aware, through lab results, of exceedance of detection limits and then *the second prompt being that staff is under an obligation to bring that to the Board as a reopener within 90 days*." (Transcript of July 1, 2003 public hearing, p. 166, emphasis added.)

It is inconceivable that the Board contemplated that its staff not act on, or even read, these notices for up to a year after their receipt.[2] The provision set out in paragraph III.A of the permit calling for 24-hour notices and a reopener within 90 days is distinct from the provision for annual review in paragraph IV.A. The 24-hour notice and reopener provision represented a compromise of the Board's initial position that numeric limits should be imposed *immediately* upon receipt of evidence justifying imposition of numeric limits. And it simply makes no sense for the Board to have imposed a system of immediate notice unless it expected immediate action.

Finally, the suggestion in the Executive Officer's September 1, 2005 report that a year of data collection is necessary to support a reasonable potential analysis cannot justify delay in responding to the 24-hour notices. For many of the constituents without limits the required monitoring frequency is only once per year. For these constituents, staff has all the data it *will* have for the year as soon as it receives the 24-hour notice.

Furthermore, it is simply not the case that the Board must collect a certain quantum of effluent data before imposing numeric effluent limits. Section 1.3 of the Policy for

[2] And staff has only "tentatively" scheduled a presentation of the yearly reasonable potential analysis for the December 2005 Board meeting, well after the August, 2005 anniversary of the new permit.

Implementation of Toxics Standards for Inland Surface Waters, Enclosed Bays, and Estuaries of California ("SIP") and State Water Quality Control Board precedent clearly require imposing numeric limits without *any* effluent data at all where other information supports a limit.[3] If *some* effluent data, taken together with the required consideration of all other relevant information, supports an effluent limitation, then the Board should act to impose the limitation.

Immediate action is required because the 24-hour notices do in fact show a reasonable potential for exceedances: discharges of contaminants at outfalls without numeric limits have occurred at levels in excess of the permit limits set for outfalls that do have numeric limits. That is, the 24-hour notices demonstrate that discharges violate the California Toxics Rule and that the Board is justified in imposing numeric limits.[4]

For example, samples taken on April 28, 2005 at Outfalls 009, 010, and 018 where no TCDD limits were imposed document exceedances of the TCDD limit imposed on outfalls 001-007. A sample taken that day at Outfall 010 documents exceedance of the mercury limit imposed on Outfalls 001-007.

Attached is a table developed initially by Boeing which purports to summarize the monitoring results for constituents at outfalls where there were no numeric effluent limits imposed, but for which monitoring reported a detection. The data appear to cover the period 8/21/04 to 4/13/05 based on the reported sample dates. The data were apparently developed

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[3] The consideration of *all* relevant information – in addition to effluent monitoring and receiving water quality data – is required as a distinct step in the reasonable potential analysis. Under the SIP, there are three distinct "triggers" that require the establishment of a numeric limitation: consideration of effluent data, ambient data, and all other relevant data. *Napa Sanitation District*, Order No. WQ 2001-006, p. 14 (2001).

Evaluation of the third trigger, consideration of all relevant information other than effluent samples and receiving water quality, is *mandatory*. In section 1.3, the SIP states that the "RWQCB *shall conduct* the analysis in this section for each priority pollutant with an applicable criterion or objective" and then details the eight steps required to evaluate the three triggers. *Each* of the steps must be completed to reach the conclusion that a numeric limitation is *not* required. Step 7 (Trigger 3) expressly requires that the RWQCB "[r]eview other information available to determine if a water quality-based effluent limitation is required, *notwithstanding* the above analysis in Steps 1 through 6 [pertaining to Triggers 1 and 2], to protect beneficial uses."

Trigger 3 alone is a sufficient basis to set numeric limitations. *Avon Refinery and Rodeo Refinery*, Order No. WQ 2001-006 (2001); EPA, "Technical Support Document for Water Quality-based Toxics Control, EPA/505/2-90-001, March 1991, pp. 50-51; EPA, NPDES Permit Writer's Manual, pp. 103-104.

Trigger 3 requires consideration of such data as "the facility type, the discharge type, solids loading analysis, lack of dilution, history of compliance problems, potential toxic impact of discharge, fish tissue residue data, water quality and beneficial uses of the receiving waters, CWA 303(d) listing for the pollutant, the presence of endangered or threatened species or critical habitat, and other information." SIP, § 1.3, p. 7. Here there is ample data to justify effluent limits other than effluent data.

[4]The Board is also justified in taking enforcement action under paragraph III.F of the NPDES permit, which requires Boeing to comply with all applicable effluent limitations, national standards of performance, toxic effluent standards, and all relevant federal regulations, including the California Toxics Rule.

in compliance with the NPDES permit condition that requires sampling of constituents without limits and reporting of detections within 24 hours. As set out elsewhere in this letter, the purpose of this reporting is to enable RWQCB staff to conduct a reasonable potential analysis and to bring a permit repoener to the Board within 90 days.

We obtained the raw data by copying a CD that was enclosed with a June 6, 2005 letter from Paul Costa at Boeing to Cassandra Owens at the RWQCB. Costa's letter states that the CD contained a summary table for 3d and 4th Quarter 2004 and 1st quarter 2005 presenting "analytical results of constituents that do not have limits established in the current NPDES permit but that were detected in stormwater samples." The table "compiles these data by outfall, date, constituent, and analytical result."

Costa states that the "information has been previously supplied to your agency in the form of 24-hour notifications, quarterly reports, and annual reports." We spot checked enough items to be confident that the data reported in the table is consistent with the data reported in the written 24-hour notices. That is, where data appears in both sources, it is the same.

We reviewed a sample of the 24-hour notice letters and found that the table included most of the items in those letters, but with some exceptions: a number of the written notices included data for constituents that were not included in this table, e.g., benzly alcohol and isophorone (1/4/05 sample at 011); GRO (gasoline range organics by Method 8015), EFH (extractable fuel hydrocarbons by Method 8015), and TRPH (total recoverable petroleum hydrocarbons by Method 418.1) (9/9/04 sample at 012).

We entered five new columns of data, J-N, on the spreadsheet. Column J contains permit limits from the current NPDES permit for the relevant constituent at Outfalls 001-002. Column K contains limits for Outfalls 003-007; L for Outfalls 008-010, M for Outfalls 015-017. Column N contains footnotes.

We only compared monitoring results for outfalls without permit limits with the limits for other outfalls in which there are enforceable limits. We have not analyzed the additional detects that are for analytes for which there are no enforceable limits elsewhere in the permit.

It appears that 39 monitoring results for dioxin (TCDD TEQ) exceed the permit limit for other outfalls. This is most of the dioxin samples. Numerous mercury results exceed even the most lenient limit. Other substances also exceed the limits.

The Board should direct its staff -- again -- to review the 24-hour notices immediately upon receipt and to initiate a reasonable potential analysis for all monitored constituents without limits for which detects have been made. Staff should bring this reasonable potential analysis to the Board as soon as possible with a request to reopen the permit to impose additional limits. Staff should also take enforcement action as justified by the data in the 24-hour notices.

## C. Conclusion

We urge the Board to demand that its staff take enforcement action for the continuing and gross violations of the existing permit, a permit which represents substantial effort by the Board and public participants. It is increasingly clear that only meaningful penalties will persuade Boeing to address the persistent offsite transport of pollutants from this site.

We urge the Board to insist that staff act on the 24-hour monitoring data. Collection of these data was intended to ensure prompt imposition of numeric limits where warranted.

We urge the Board to reject Boeings request to overturn the existing permit. The Board should not permit Boeing to substitute another five years of study and inaction for meaningful measures to protect water quality.

Sincerely,

Daniel Hirsch
President
Committee to Bridge the Gap

Holly Huff
Rocketdyne Cleanup Coalition

Sheldon Plotkin
President
Southern California Federation of Scientists

Christina Walsh
CleanupRocketdyne.Org

Elizabeth Crawford
Senior Environmental Analyst
Physicians for Social Responsibility-Los Angeles

(Signatures available on request)

**MONITORING RESULTS**
**August 24, 2004 through April 13, 2005**

| SAMPLENAME | Site | SAMPDATE | CODE | UNITS | RL | mit L | RESULT | Qualifier | LT 001-002 | LT 003-007 | LT 008-010 | LT 015-017 | notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Outfall 001 | (South Slope | 28-Dec-04 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 110 | -- | | | | | |
| Outfall 001 | (South Slope | 28-Dec-04 | Turbidity | NTU | 1.0 | -/- | 40 | -- | | | | | |
| Outfall 001 | (South Slope | 04-Jan-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 130 | -- | | | | | |
| Outfall 001 | (South Slope | 04-Jan-05 | Turbidity | NTU | 1.0 | -/- | 20 | -- | | | | | |
| Outfall 001 | (South Slope | 11-Jan-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 99 | -- | | | | | |
| Outfall 001 | (South Slope | 11-Jan-05 | Turbidity | NTU | 1.0 | -/- | 23 | -- | | | | | |
| Outfall 001 | (South Slope | 18-Jan-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 220 | -- | | | | | |
| Outfall 001 | (South Slope | 18-Jan-05 | Turbidity | NTU | 1.0 | -/- | 2.5 | -- | | | | | |
| Outfall 001 | (South Slope | 26-Jan-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 260 | -- | | | | | |
| Outfall 001 | (South Slope | 26-Jan-05 | Turbidity | NTU | 1.0 | -/- | 1.2 | -- | | | | | |
| Outfall 001 | (South Slope | 11-Feb-05 | Ammonia as Nitrogen (N) | mg/L | 0.50 | -/- | 4.2 | -- | | | | | 7 |
| Outfall 001 | (South Slope | 11-Feb-05 | Cobalt | ug/L | 10 | -/- | 6.8 | J (DNQ) | | | | | |
| Outfall 001 | (South Slope | 11-Feb-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 190 | -- | | | | | |
| Outfall 001 | (South Slope | 11-Feb-05 | Total Organic Carbon | mg/L | 1.0 | -/- | 9.3 | -- | | | | | |
| Outfall 001 | (South Slope | 11-Feb-05 | Turbidity | NTU | 20 | -/- | 530 | -- | | | | | |
| Outfall 001 | (South Slope | 11-Feb-05 | Vanadium | ug/L | 10 | -/- | 48 | -- | | | | | |
| Outfall 001 | (South Slope | 18-Feb-05 | Ammonia as Nitrogen (N) | mg/L | 0.50 | -/- | 0.84 | -- | | | | | 7 |
| Outfall 001 | (South Slope | 18-Feb-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 110 | -- | | | | | |
| Outfall 001 | (South Slope | 18-Feb-05 | Turbidity | NTU | 5.0 | -/- | 150 | -- | | | | | |
| Outfall 001 | (South Slope | 26-Feb-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 190 | -- | | | | | |
| Outfall 001 | (South Slope | 26-Feb-05 | Turbidity | NTU | 1.0 | -/- | 9.2 | -- | | | | | |
| Outfall 001 | (South Slope | 05-Mar-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 270 | -- | | | | | |
| Outfall 001 | (South Slope | 05-Mar-05 | Turbidity | NTU | 1.0 | -/- | 2.2 | -- | | | | | |
| Outfall 001 | (South Slope | 12-Mar-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 420 | -- | | | | | |
| Outfall 001 | (South Slope | 12-Mar-05 | Turbidity | NTU | 1.0 | -/- | 1.1 | -- | | | | | |
| Outfall 001 | (South Slope | 19-Mar-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 540 | -- | | | | | |
| Outfall 001 | (South Slope | 19-Mar-05 | Turbidity | NTU | 1.0 | -/- | 0.61 | J (DNQ) | | | | | |
| Outfall 001 | (South Slope | 26-Mar-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 290 | -- | | | | | |
| Outfall 001 | (South Slope | 26-Mar-05 | Turbidity | NTU | 1.0 | -/- | 5.1 | -- | | | | | |
| Outfall 001 | (South Slope | 02-Apr-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 540 | -- | | | | | |
| Outfall 001 | (South Slope | 02-Apr-05 | Turbidity | NTU | 1.0 | -/- | 1.4 | -- | | | | | |
| Outfall 001 | (South Slope | 09-Apr-05 | Ammonia as Nitrogen (N) | mg/L | 0.50 | -/- | 0.84 | -- | | | | | 7 |
| Outfall 001 | (South Slope | 09-Apr-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 660 | -- | | | | | |
| Outfall 001 | (South Slope | 09-Apr-05 | Turbidity | NTU | 1.0 | -/- | 2.8 | -- | | | | | |
| Outfall 002 | (South Slope | 20-Oct-04 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 360 | -- | | | | | |
| Outfall 002 | (South Slope | 20-Oct-04 | Turbidity | NTU | 2.0 | -/- | 60 | -- | | | | | |
| Outfall 002 | (South Slope | 27-Oct-04 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 430 | -- | | | | | |
| Outfall 002 | (South Slope | 27-Oct-04 | Turbidity | NTU | 1.0 | -/- | 33 | -- | | | | | |
| Outfall 002 | (South Slope | 28-Dec-04 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 240 | -- | | | | | |
| Outfall 002 | (South Slope | 28-Dec-04 | Turbidity | NTU | 2.0 | -/- | 52 | -- | | | | | |
| Outfall 002 | (South Slope | 04-Jan-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 250 | -- | | | | | |
| Outfall 002 | (South Slope | 04-Jan-05 | Turbidity | NTU | 1.0 | -/- | 9.8 | -- | | | | | |
| Outfall 002 | (South Slope | 11-Jan-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 220 | -- | | | | | |
| Outfall 002 | (South Slope | 11-Jan-05 | Turbidity | NTU | 1.0 | -/- | 19 | -- | | | | | |
| Outfall 002 | (South Slope | 18-Jan-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 750 | -- | | | | | |
| Outfall 002 | (South Slope | 18-Jan-05 | Turbidity | NTU | 1.0 | -/- | 1.5 | -- | | | | | |
| Outfall 002 | (South Slope | 26-Jan-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 1000 | -- | | | | | |
| Outfall 002 | (South Slope | 26-Jan-05 | Turbidity | NTU | 1.0 | -/- | 4.2 | -- | | | | | |
| Outfall 002 | (South Slope | 04-Feb-05 | Boron | mg/L | 0.050 | -/- | 0.11 | -- | | 1 | 1 | | |
| Outfall 002 | (South Slope | 04-Feb-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 1100 | -- | | | | | |
| Outfall 002 | (South Slope | 04-Feb-05 | Total Organic Carbon | mg/L | 1.0 | -/- | 4.7 | -- | | | | | |
| Outfall 002 | (South Slope | 04-Feb-05 | Turbidity | NTU | 1.0 | -/- | 0.62 | J (DNQ) | | | | | |
| Outfall 002 | (South Slope | 11-Feb-05 | Ammonia as Nitrogen (N) | mg/L | 0.50 | -/- | 0.56 | -- | | | | | 7 |
| Outfall 002 | (South Slope | 11-Feb-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 790 | -- | | | | | |
| Outfall 002 | (South Slope | 11-Feb-05 | Turbidity | NTU | 5.0 | -/- | 81 | -- | | | | | |

| SAMPLENAME | Site | SAMPDATE | CODE | UNITS | RL | mit L | RESULT | Qualifier | LT 001-002 | LT 003-007 | LT 008-010 | LT 015-017 | notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Outfall 002 | (South Slope | 18-Feb-05 | Ammonia as Nitrogen (N) | mg/L | 0.50 | -/- | 0.84 | -- | | | | | 7 |
| Outfall 002 | (South Slope | 18-Feb-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 440 | -- | | | | | |
| Outfall 002 | (South Slope | 18-Feb-05 | Turbidity | NTU | 5.0 | -/- | 120 | -- | | | | | |
| Outfall 002 | (South Slope | 25-Feb-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 680 | -- | | | | | |
| Outfall 002 | (South Slope | 25-Feb-05 | Turbidity | NTU | 1.0 | -/- | 3.9 | -- | | | | | |
| Outfall 002 | (South Slope | 04-Mar-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 880 | -- | | | | | |
| Outfall 002 | (South Slope | 04-Mar-05 | Turbidity | NTU | 1.0 | -/- | 4.6 | -- | | | | | |
| Outfall 002 | (South Slope | 11-Mar-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 960 | -- | | | | | |
| Outfall 002 | (South Slope | 11-Mar-05 | Turbidity | NTU | 1.0 | -/- | 0.59 | J (DNQ) | | | | | |
| Outfall 002 | (South Slope | 18-Mar-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 930 | -- | | | | | |
| Outfall 002 | (South Slope | 18-Mar-05 | Turbidity | NTU | 1.0 | -/- | 0.58 | J (DNQ) | | | | | |
| Outfall 002 | (South Slope | 25-Mar-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 440 | -- | | | | | |
| Outfall 002 | (South Slope | 25-Mar-05 | Turbidity | NTU | 1.0 | -/- | 12 | -- | | | | | |
| Outfall 002 | (South Slope | 01-Apr-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 1100 | -- | | | | | |
| Outfall 002 | (South Slope | 01-Apr-05 | Turbidity | NTU | 1.0 | -/- | 0.89 | J (DNQ) | | | | | |
| Outfall 002 | (South Slope | 08-Apr-05 | Ammonia as Nitrogen (N) | mg/L | 0.50 | -/- | 0.84 | -- | | | | | 7 |
| Outfall 002 | (South Slope | 08-Apr-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 1200 | -- | | | | | |
| Outfall 002 | (South Slope | 08-Apr-05 | Turbidity | NTU | 5.0 | -/- | 2.5 | -- | | | | | |
| Outfall 003 | (RMHF) | 17-Oct-04 | Lead | ug/L | 1.0 | -/- | 2.8 | -- | 5.2 | | | | |
| Outfall 003 | (RMHF) | 27-Oct-04 | Lead | ug/L | 1.0 | -/- | 0.49 | J (DNQ) | 5.2 | | | | |
| Outfall 003 | (RMHF) | 05-Dec-04 | Lead | ug/L | 1.0 | -/- | 0.93 | J (DNQ) | 5.2 | | | | |
| Outfall 003 | (RMHF) | 27-Dec-04 | Lead | ug/L | 1.0 | -/- | 0.48 | J (*3,DNQ) | 5.2 | | | | |
| Outfall 003 | (RMHF) | 03-Jan-05 | Lead | ug/L | 1.0 | -/- | 0.73 | J (DNQ) | 5.2 | | | | |
| Outfall 003 | (RMHF) | 10-Jan-05 | Lead | ug/L | 1.0 | -/- | 0.51 | J (DNQ) | 5.2 | | | | |
| Outfall 003 | (RMHF) | 11-Feb-05 | Lead | ug/L | 1.0 | -/- | 0.30 | J (DNQ) | 5.2 | | | | |
| Outfall 003 | (RMHF) | 18-Feb-05 | Aluminum | ug/L | 50 | -/- | 360 | -- | | | | | |
| Outfall 003 | (RMHF) | 18-Feb-05 | Chromium | ug/L | 5.0 | -/- | 2.0 | J (DNQ) | | | | | 6 |
| Outfall 003 | (RMHF) | 18-Feb-05 | Lead | ug/L | 1.0 | -/- | 0.32 | J (DNQ) | 5.2 | | | | |
| Outfall 003 | (RMHF) | 18-Feb-05 | Nickel | ug/L | 10 | -/- | 2.2 | J (DNQ) | 96 | | | | |
| Outfall 003 | (RMHF) | 18-Feb-05 | Vanadium | ug/L | 10 | -/- | 1.7 | J (DNQ) | | | | | |
| Outfall 003 | (RMHF) | 18-Feb-05 | Zinc | ug/L | 20 | -/- | 7.0 | UJ (B) | 119 | | | | |
| Outfall 003 | (RMHF) | 04-Mar-05 | Lead | ug/L | 1.0 | -/- | 0.13 | J (DNQ) | 5.2 | | | | |
| Outfall 004 | (SRE) | 17-Oct-04 | Lead | ug/L | 1.0 | -/- | 0.73 | J (DNQ) | 5.2 | | | | |
| Outfall 004 | (SRE) | 27-Oct-04 | Lead | ug/L | 1.0 | -/- | 0.53 | J (DNQ) | 5.2 | | | | |
| Outfall 004 | (SRE) | 05-Dec-04 | Lead | ug/L | 1.0 | -/- | 0.50 | J (DNQ) | 5.2 | | | | |
| Outfall 004 | (SRE) | 27-Dec-04 | Lead | ug/L | 1.0 | -/- | 0.65 | J (*3,DNQ) | 5.2 | | | | |
| Outfall 004 | (SRE) | 03-Jan-05 | Lead | ug/L | 1.0 | -/- | 0.50 | J (DNQ) | 5.2 | | | | |
| Outfall 004 | (SRE) | 10-Jan-05 | Lead | ug/L | 1.0 | -/- | 0.22 | J (DNQ) | 5.2 | | | | |
| Outfall 004 | (SRE) | 28-Jan-05 | Lead | ug/L | 1.0 | -/- | 0.36 | J (DNQ) | 5.2 | | | | |
| Outfall 004 | (SRE) | 11-Feb-05 | Lead | ug/L | 1.0 | -/- | 0.27 | J (DNQ) | 5.2 | | | | |
| Outfall 004 | (SRE) | 18-Feb-05 | 1,1,1-Trichloroethane | ug/L | 2.0 | -/- | 0.76 | J (DNQ) | | | | | |
| Outfall 004 | (SRE) | 18-Feb-05 | Aluminum | ug/L | 50 | -/- | 350 | -- | | | | | |
| Outfall 004 | (SRE) | 18-Feb-05 | Chromium | ug/L | 5.0 | -/- | 1.2 | J (DNQ) | | | | | 6 |
| Outfall 004 | (SRE) | 18-Feb-05 | Lead | ug/L | 1.0 | -/- | 0.35 | J (DNQ) | 5.2 | | | | |
| Outfall 004 | (SRE) | 18-Feb-05 | Trichloroethene | ug/L | 2.0 | -/- | 0.66 | J (DNQ) | 5 | | | | |
| Outfall 004 | (SRE) | 18-Feb-05 | Vanadium | ug/L | 10 | -/- | 2.3 | J (DNQ) | | | | | |
| Outfall 004 | (SRE) | 18-Feb-05 | Zinc | ug/L | 20 | -/- | 5.9 | UJ (B) | 119 | | | | |
| Outfall 004 | (SRE) | 04-Mar-05 | Lead | ug/L | 1.0 | -/- | 0.49 | J (DNQ) | 5.2 | | | | |
| Outfall 004 | (SRE) | 19-Mar-05 | Lead | ug/L | 1.0 | -/- | 0.83 | J (DNQ) | 5.2 | | | | |
| Outfall 005 | (FSDF-1) | 17-Oct-04 | Lead | ug/L | 1.0 | -/- | 0.40 | J (DNQ) | 5.2 | | | | |
| Outfall 005 | (FSDF-1) | 27-Oct-04 | Lead | ug/L | 1.0 | -/- | 0.25 | J (DNQ) | 5.2 | | | | |
| Outfall 005 | (FSDF-1) | 05-Dec-04 | Lead | ug/L | 1.0 | -/- | 0.43 | J (DNQ) | 5.2 | | | | |
| Outfall 005 | (FSDF-1) | 27-Dec-04 | Lead | ug/L | 1.0 | -/- | 0.34 | J (*3,DNQ) | 5.2 | | | | |
| Outfall 005 | (FSDF-1) | 03-Jan-05 | Lead | ug/L | 1.0 | -/- | 0.19 | J (DNQ) | 5.2 | | | | |
| Outfall 005 | (FSDF-1) | 10-Jan-05 | Lead | ug/L | 1.0 | -/- | 0.36 | J (DNQ) | 5.2 | | | | |

| SAMPLENAME | Site | SAMPDATE | CODE | UNITS | RL | mit L | RESULT | Qualifier | LT 001-002 | LT 003-007 | LT 008-010 | LT 015-017 | notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Outfall 005 | (FSDF-1) | 27-Jan-05 | Lead | ug/L | 1.0 | -/- | 0.32 | J (DNQ) | 5.2 | | | | |
| Outfall 005 | (FSDF-1) | 11-Feb-05 | Lead | ug/L | 1.0 | -/- | 0.33 | J (DNQ) | 5.2 | | | | |
| Outfall 005 | (FSDF-1) | 18-Feb-05 | Aluminum | ug/L | 50 | -/- | 120 | -- | | | | | |
| Outfall 005 | (FSDF-1) | 18-Feb-05 | Chromium | ug/L | 5.0 | -/- | 0.70 | J (DNQ) | | | | | 6 |
| Outfall 005 | (FSDF-1) | 18-Feb-05 | Lead | ug/L | 1.0 | -/- | 0.15 | J (DNQ) | 5.2 | | | | |
| Outfall 005 | (FSDF-1) | 18-Feb-05 | Methylene Chloride | ug/L | 5.0 | -/- | 1.4 | J (DNQ) | | | | | |
| Outfall 005 | (FSDF-1) | 18-Feb-05 | Silver | ug/L | 10 | -/- | 2.3 | UJ (B,*3) | 4.1 | | | | |
| Outfall 005 | (FSDF-1) | 18-Feb-05 | Vanadium | ug/L | 10 | -/- | 1.5 | J (DNQ) | | | | | |
| Outfall 005 | (FSDF-1) | 18-Feb-05 | Zinc | ug/L | 20 | -/- | 13 | UJ (B) | 119 | | | | |
| Outfall 005 | (FSDF-1) | 18-Mar-05 | Lead | ug/L | 1.0 | -/- | 0.50 | J (DNQ) | 5.2 | | | | |
| Outfall 006 | (FSDF-2) | 17-Oct-04 | Lead | ug/L | 1.0 | -/- | 0.69 | J (DNQ) | 5.2 | | | | |
| Outfall 006 | (FSDF-2) | 27-Oct-04 | Lead | ug/L | 1.0 | -/- | 0.13 | J (DNQ) | 5.2 | | | | |
| Outfall 006 | (FSDF-2) | 05-Dec-04 | Lead | ug/L | 1.0 | -/- | 0.46 | J (DNQ,*2) | 5.2 | | | | |
| Outfall 006 | (FSDF-2) | 27-Dec-04 | Lead | ug/L | 1.0 | -/- | 1.3 | J (*3) | 5.2 | | | | |
| Outfall 006 | (FSDF-2) | 03-Jan-05 | Lead | ug/L | 1.0 | -/- | 0.67 | J (DNQ) | 5.2 | | | | |
| Outfall 006 | (FSDF-2) | 10-Jan-05 | Lead | ug/L | 1.0 | -/- | 0.63 | J (DNQ) | 5.2 | | | | |
| Outfall 006 | (FSDF-2) | 28-Jan-05 | Lead | ug/L | 1.0 | -/- | 1.6 | -- | 5.2 | | | | |
| Outfall 006 | (FSDF-2) | 11-Feb-05 | Lead | ug/L | 1.0 | -/- | 2.5 | -- | 5.2 | | | | |
| Outfall 006 | (FSDF-2) | 11-Feb-05 | Total Suspended Solids | mg/L | 10 | -/- | 100 | * | | | | | 4 |
| Outfall 006 | (FSDF-2) | 18-Feb-05 | Aluminum | ug/L | 50 | -/- | 9100 | -- | | | | | |
| Outfall 006 | (FSDF-2) | 18-Feb-05 | Chromium | ug/L | 5.0 | -/- | 13 | * | | | | | 6 |
| Outfall 006 | (FSDF-2) | 18-Feb-05 | Lead | ug/L | 1.0 | -/- | 4.5 | -- | 5.2 | | | | |
| Outfall 006 | (FSDF-2) | 18-Feb-05 | Nickel | ug/L | 10 | -/- | 8.3 | J (DNQ) | 96 | | | | |
| Outfall 006 | (FSDF-2) | 18-Feb-05 | Selenium | ug/L | 10 | -/- | 4.7 | J (*3,DNQ) | 8.2 | | | | |
| Outfall 006 | (FSDF-2) | 18-Feb-05 | Total Suspended Solids | mg/L | 10 | -/- | 160 | -- | | | | | 4 |
| Outfall 006 | (FSDF-2) | 18-Feb-05 | Vanadium | ug/L | 10 | -/- | 23 | -- | | | | | |
| Outfall 006 | (FSDF-2) | 18-Feb-05 | Zinc | ug/L | 20 | -/- | 29 | -- | 119 | | | | |
| Outfall 006 | (FSDF-2) | 04-Mar-05 | Lead | ug/L | 1.0 | -/- | 1.7 | -- | 5.2 | | | | |
| Outfall 006 | (FSDF-2) | 04-Mar-05 | Total Suspended Solids | mg/L | 10 | -/- | 48 | * | | | | | 4 |
| Outfall 006 | (FSDF-2) | 18-Mar-05 | Lead | ug/L | 1.0 | -/- | 1.2 | -- | 5.2 | | | | |
| Outfall 007 | (Building 100) | 20-Oct-04 | Lead | ug/L | 1.0 | -/- | 0.48 | J (DNQ) | 5.2 | | | | |
| Outfall 007 | (Building 100) | 27-Oct-04 | Lead | ug/L | 1.0 | -/- | 0.25 | J (DNQ) | 5.2 | | | | |
| Outfall 007 | (Building 100) | 28-Dec-04 | Lead | ug/L | 1.0 | -/- | 1.7 | -- | 5.2 | | | | |
| Outfall 007 | (Building 100) | 04-Jan-05 | Lead | ug/L | 1.0 | -/- | 0.74 | J (DNQ) | 5.2 | | | | |
| Outfall 007 | (Building 100) | 11-Jan-05 | Lead | ug/L | 1.0 | -/- | 0.46 | J (DNQ) | 5.2 | | | | |
| Outfall 007 | (Building 100) | 11-Feb-05 | Aluminum | ug/L | 50 | -/- | 5300 | -- | | | | | |
| Outfall 007 | (Building 100) | 11-Feb-05 | Chromium | ug/L | 5.0 | -/- | 7.3 | -- | | | | | 6 |
| Outfall 007 | (Building 100) | 11-Feb-05 | Lead | ug/L | 1.0 | -/- | 4.4 | -- | 5.2 | | | | |
| Outfall 007 | (Building 100) | 11-Feb-05 | Nickel | ug/L | 10 | -/- | 5.5 | J (DNQ) | 96 | | | | |
| Outfall 007 | (Building 100) | 11-Feb-05 | Total Suspended Solids | mg/L | 10 | -/- | 70 | -- | | | | | 4 |
| Outfall 007 | (Building 100) | 11-Feb-05 | Vanadium | ug/L | 10 | -/- | 14 | -- | | | | | |
| Outfall 007 | (Building 100) | 11-Feb-05 | Zinc | ug/L | 20 | -/- | 38 | -- | 119 | | | | |
| Outfall 007 | (Building 100) | 18-Feb-05 | Lead | ug/L | 1.0 | -/- | **6.3** | -- | 5.2 | | | | |
| Outfall 007 | (Building 100) | 18-Feb-05 | Total Suspended Solids | mg/L | 10 | -/- | 160 | * | | | | | 4 |
| Outfall 007 | (Building 100) | 04-Mar-05 | Lead | ug/L | 1.0 | -/- | 1.1 | -- | 5.2 | | | | |
| Outfall 007 | (Building 100) | 04-Mar-05 | Total Suspended Solids | mg/L | 10 | -/- | 17 | * | | | | | 4 |
| Outfall 007 | (Building 100) | 23-Mar-05 | Lead | ug/L | 1.0 | -/- | 2.5 | -- | 5.2 | | | | |
| Outfall 007 | (Building 100) | 23-Mar-05 | Total Suspended Solids | mg/L | 10 | -/- | 14 | * | | | | | 4 |
| Outfall 008 | (Happy Valley | 20-Oct-04 | Antimony | ug/L | 2.0 | -/- | 0.19 | J (DNQ) | 6 | 6 | | | |
| Outfall 008 | (Happy Valley | 20-Oct-04 | Copper | ug/L | 2.0 | -/- | 12 | -- | 14 | 14 | | | |
| Outfall 008 | (Happy Valley | 20-Oct-04 | Lead | ug/L | 1.0 | -/- | **9.8** | -- | 5.2 | | | | |
| Outfall 008 | (Happy Valley | 20-Oct-04 | TCDD TEQ | ug/L | | -/- | **6.66E-08** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | |
| Outfall 008 | (Happy Valley | 27-Oct-04 | Cadmium | ug/L | 1.0 | -/- | 0.27 | J (DNQ) | 4 | 4 | | | |
| Outfall 008 | (Happy Valley | 27-Oct-04 | Copper | ug/L | 2.0 | -/- | 9.9 | -- | 14 | 14 | | | |
| Outfall 008 | (Happy Valley | 27-Oct-04 | Lead | ug/L | 1.0 | -/- | **9** | -- | 5.2 | | | | |

**MONITORING RESULTS**
**August 24, 2004 through April 13, 2005**

| SAMPLENAME | Site | SAMPDATE | CODE | UNITS | RL | mit L | RESULT | Qualifier | LT 001-002 | LT 003-007 | LT 008-010 | LT 015-017 | notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Outfall 008 | (Happy Valley | 27-Oct-04 | TCDD TEQ | ug/L | | -/- | **5.93E-08** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | |
| Outfall 008 | (Happy Valley | 28-Dec-04 | Cadmium | ug/L | 1.0 | -/- | 0.17 | J (DNQ) | 4 | 4 | | | |
| Outfall 008 | (Happy Valley | 28-Dec-04 | Copper | ug/L | 2.0 | -/- | 8.2 | -- | 14 | 14 | | | |
| Outfall 008 | (Happy Valley | 28-Dec-04 | Lead | ug/L | 1.0 | -/- | **6.4** | -- | 5.2 | | | | |
| Outfall 008 | (Happy Valley | 28-Dec-04 | Mercury | ug/L | 0.20 | -/- | **0.14** | J (DNQ) | 0.1 | 0.13 | | | |
| Outfall 008 | (Happy Valley | 28-Dec-04 | TCDD TEQ | ug/L | | -/- | **8.10E-08** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | |
| Outfall 008 | (Happy Valley | 04-Jan-05 | Cadmium | ug/L | 1.0 | -/- | 0.026 | J (B,DNQ) | 4 | 4 | | | |
| Outfall 008 | (Happy Valley | 04-Jan-05 | Copper | ug/L | 2.0 | -/- | 4.0 | -- | 14 | 14 | | | |
| Outfall 008 | (Happy Valley | 04-Jan-05 | Lead | ug/L | 1.0 | -/- | 2.5 | -- | 5.2 | | | | |
| Outfall 008 | (Happy Valley | 04-Jan-05 | Mercury | ug/L | 0.20 | -/- | **0.14** | J (DNQ) | 0.1 | 0.13 | | | |
| Outfall 008 | (Happy Valley | 11-Jan-05 | Cadmium | ug/L | 1.0 | -/- | 0.032 | J (DNQ) | 4 | 4 | | | |
| Outfall 008 | (Happy Valley | 11-Jan-05 | Copper | ug/L | 2.0 | -/- | 2.6 | -- | 14 | 14 | | | |
| Outfall 008 | (Happy Valley | 11-Jan-05 | Lead | ug/L | 1.0 | -/- | 0.82 | J (DNQ) | 5.2 | | | | |
| Outfall 008 | (Happy Valley | 11-Jan-05 | Mercury | ug/L | 0.20 | -/- | 0.12 | J (DNQ) | 0.1 | 0.13 | | | |
| Outfall 008 | (Happy Valley | 11-Jan-05 | TCDD TEQ | ug/L | | -/- | 1.80E-09 | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | |
| Outfall 008 | (Happy Valley | 26-Jan-05 | Lead | ug/L | 1.0 | -/- | 0.17 | J (DNQ) | 5.2 | | | | |
| Outfall 008 | (Happy Valley | 26-Jan-05 | Mercury | ug/L | 0.20 | -/- | 0.085 | J (DNQ) | 0.1 | 0.13 | | | |
| Outfall 008 | (Happy Valley | 26-Jan-05 | TCDD TEQ | ug/L | | -/- | 1.90E-09 | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | |
| Outfall 008 | (Happy Valley | 11-Feb-05 | Aluminum | ug/L | 50 | -/- | 6500 | -- | | | | | |
| Outfall 008 | (Happy Valley | 11-Feb-05 | Boron | mg/L | 0.050 | -/- | 0.051 | * | | 1 | 1 | | |
| Outfall 008 | (Happy Valley | 11-Feb-05 | Cadmium | ug/L | 1.0 | -/- | 0.087 | J (DNQ) | 4 | 4 | | | |
| Outfall 008 | (Happy Valley | 11-Feb-05 | Chromium | ug/L | 5.0 | -/- | 9.5 | -- | | | | | 6 |
| Outfall 008 | (Happy Valley | 11-Feb-05 | Copper | ug/L | 2.0 | -/- | 5.5 | -- | 14 | 14 | | | |
| Outfall 008 | (Happy Valley | 11-Feb-05 | Gross Alpha | pCi/L | 3.0 | -/- | 6.07 ±1.7 | J (R,Q) | | | | | |
| Outfall 008 | (Happy Valley | 11-Feb-05 | Gross Beta | pCi/L | 4.0 | -/- | 7.48 ±1.5 | -- | | | | | |
| Outfall 008 | (Happy Valley | 11-Feb-05 | Lead | ug/L | 1.0 | -/- | 3.7 | -- | 5.2 | | | | |
| Outfall 008 | (Happy Valley | 11-Feb-05 | Mercury | ug/L | 0.20 | -/- | **0.17** | J (DNQ) | 0.1 | 0.13 | | | |
| Outfall 008 | (Happy Valley | 11-Feb-05 | Nickel | ug/L | 10 | -/- | 7.8 | J (DNQ) | 96 | | | | |
| Outfall 008 | (Happy Valley | 11-Feb-05 | TCDD TEQ | ug/L | | -/- | 7.04E-09 | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | |
| Outfall 008 | (Happy Valley | 11-Feb-05 | Total Suspended Solids | mg/L | 10 | -/- | 150 | -- | | | | | 4 |
| Outfall 008 | (Happy Valley | 11-Feb-05 | Vanadium | ug/L | 10 | -/- | 17 | -- | | | | | |
| Outfall 008 | (Happy Valley | 11-Feb-05 | Zinc | ug/L | 20 | -/- | 22 | -- | 119 | | | | |
| Outfall 008 | (Happy Valley | 18-Feb-05 | Cadmium | ug/L | 1.0 | -/- | 0.25 | J (DNQ) | 4 | 4 | | | |
| Outfall 008 | (Happy Valley | 18-Feb-05 | Copper | ug/L | 2.0 | -/- | **15** | -- | 14 | 14 | | | |
| Outfall 008 | (Happy Valley | 18-Feb-05 | Lead | ug/L | 1.0 | -/- | **13** | -- | 5.2 | | | | |
| Outfall 008 | (Happy Valley | 18-Feb-05 | Mercury | ug/L | 0.20 | -/- | 0.066 | J (DNQ) | 0.1 | 0.13 | | | |
| Outfall 008 | (Happy Valley | 18-Feb-05 | TCDD TEQ | ug/L | | -/- | **8.66E-07** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | |
| Outfall 008 | (Happy Valley | 18-Feb-05 | Total Suspended Solids | mg/L | 10 | -/- | 760 | * | | | | | 4 |
| Outfall 008 | (Happy Valley | 04-Mar-05 | Cadmium | ug/L | 1.0 | -/- | 0.032 | J (DNQ) | 4 | 4 | | | |
| Outfall 008 | (Happy Valley | 04-Mar-05 | Copper | ug/L | 2.0 | -/- | 3.2 | -- | 14 | 14 | | | |
| Outfall 008 | (Happy Valley | 04-Mar-05 | Lead | ug/L | 1.0 | -/- | 1.4 | -- | 5.2 | | | | |
| Outfall 008 | (Happy Valley | 04-Mar-05 | TCDD TEQ | ug/L | | -/- | 1.43E-08 | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | |
| Outfall 008 | (Happy Valley | 04-Mar-05 | Total Suspended Solids | mg/L | 10 | -/- | 36 | * | | | | | 4 |
| Outfall 008 | (Happy Valley | 19-Mar-05 | Cadmium | ug/L | 1.0 | -/- | 0.018 | J (DNQ) | 4 | 4 | | | |
| Outfall 008 | (Happy Valley | 19-Mar-05 | Copper | ug/L | 2.0 | -/- | 2.9 | -- | 14 | 14 | | | |
| Outfall 008 | (Happy Valley | 19-Mar-05 | Lead | ug/L | 1.0 | -/- | 0.18 | J (DNQ) | 5.2 | | | | |
| Outfall 009 | (WS-13 Drainage) | 20-Oct-04 | Antimony | ug/L | 2.0 | -/- | 1.1 | J (DNQ) | 6 | 6 | | | |
| Outfall 009 | (WS-13 Drainage) | 20-Oct-04 | Cadmium | ug/L | 1.0 | -/- | 0.087 | UJ (B) | 4 | 4 | | | |
| Outfall 009 | (WS-13 Drainage) | 20-Oct-04 | Copper | ug/L | 2.0 | -/- | 8.4 | -- | 14 | 14 | | | |
| Outfall 009 | (WS-13 Drainage) | 20-Oct-04 | Lead | ug/L | 1.0 | -/- | 1.3 | -- | 5.2 | | | | |
| Outfall 009 | (WS-13 Drainage) | 20-Oct-04 | Mercury | ug/L | 0.20 | -/- | **0.15** | J (DNQ) | 0.1 | 0.13 | | | |
| Outfall 009 | (WS-13 Drainage) | 20-Oct-04 | TCDD TEQ | ug/L | | -/- | **7.59E-08** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | |
| Outfall 009 | (WS-13 Drainage) | 27-Oct-04 | Cadmium | ug/L | 1.0 | -/- | 0.18 | J (DNQ) | 4 | 4 | | | |
| Outfall 009 | (WS-13 Drainage) | 27-Oct-04 | Copper | ug/L | 2.0 | -/- | 5.8 | -- | 14 | 14 | | | |
| Outfall 009 | (WS-13 Drainage) | 27-Oct-04 | Lead | ug/L | 1.0 | -/- | 0.64 | J (DNQ) | 5.2 | | | | |

**MONITORING RESULTS**
**August 24, 2004 through April 13, 2005**

| SAMPLENAME | Site | SAMPDATE | CODE | UNITS | RL | mit L | RESULT | Qualifier | LT 001-002 | LT 003-007 | LT 008-010 | LT 015-017 | notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Outfall 009 | (WS-13 Drainage) | 27-Oct-04 | Mercury | ug/L | 0.20 | -/- | 0.10 | J (DNQ) | 0.1 | 0.13 | | | |
| Outfall 009 | (WS-13 Drainage) | 28-Dec-04 | Cadmium | ug/L | 1.0 | -/- | 0.34 | J (DNQ) | 4 | 4 | | | |
| Outfall 009 | (WS-13 Drainage) | 28-Dec-04 | Copper | ug/L | 2.0 | -/- | 11 | -- | 14 | 14 | | | |
| Outfall 009 | (WS-13 Drainage) | 28-Dec-04 | Lead | ug/L | 1.0 | -/- | **11** | -- | 5.2 | | | | |
| Outfall 009 | (WS-13 Drainage) | 28-Dec-04 | Mercury | ug/L | 0.20 | -/- | **0.16** | J (DNQ) | 0.1 | 0.13 | | | |
| Outfall 009 | (WS-13 Drainage) | 28-Dec-04 | TCDD TEQ | ug/L | | -/- | **3.42E-07** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | |
| Outfall 009 | (WS-13 Drainage) | 04-Jan-05 | Cadmium | ug/L | 1.0 | -/- | 0.061 | J (B) | 4 | 4 | | | |
| Outfall 009 | (WS-13 Drainage) | 04-Jan-05 | Copper | ug/L | 2.0 | -/- | 4.9 | -- | 14 | 14 | | | |
| Outfall 009 | (WS-13 Drainage) | 04-Jan-05 | Lead | ug/L | 1.0 | -/- | 1.7 | -- | 5.2 | | | | |
| Outfall 009 | (WS-13 Drainage) | 04-Jan-05 | Mercury | ug/L | 0.20 | -/- | **0.20** | -- | 0.1 | 0.13 | | | |
| Outfall 009 | (WS-13 Drainage) | 04-Jan-05 | TCDD TEQ | ug/L | | -/- | **1.72E-06** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | |
| Outfall 009 | (WS-13 Drainage) | 11-Jan-05 | Cadmium | ug/L | 1.0 | -/- | 0.032 | J (DNQ) | 4 | 4 | | | |
| Outfall 009 | (WS-13 Drainage) | 11-Jan-05 | Copper | ug/L | 2.0 | -/- | 1.8 | J (DNQ) | 14 | 14 | | | |
| Outfall 009 | (WS-13 Drainage) | 11-Jan-05 | Lead | ug/L | 1.0 | -/- | 0.34 | J (DNQ) | 5.2 | | | | |
| Outfall 009 | (WS-13 Drainage) | 11-Jan-05 | Mercury | ug/L | 0.20 | -/- | 0.12 | J (DNQ) | 0.1 | 0.13 | | | |
| Outfall 009 | (WS-13 Drainage) | 26-Jan-05 | Cadmium | ug/L | 1.0 | -/- | 0.019 | J (DNQ) | 4 | 4 | | | |
| Outfall 009 | (WS-13 Drainage) | 26-Jan-05 | Copper | ug/L | 2.0 | -/- | 1.6 | J (DNQ) | 14 | 14 | | | |
| Outfall 009 | (WS-13 Drainage) | 26-Jan-05 | Mercury | ug/L | 0.20 | -/- | 0.10 | J (DNQ) | 0.1 | 0.13 | | | |
| Outfall 009 | (WS-13 Drainage) | 26-Jan-05 | TCDD TEQ | ug/L | | -/- | **1.35E-07** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | |
| Outfall 009 | (WS-13 Drainage) | 11-Feb-05 | Aluminum | ug/L | 50 | -/- | 370 | -- | | | | | |
| Outfall 009 | (WS-13 Drainage) | 11-Feb-05 | Cadmium | ug/L | 1.0 | -/- | 0.035 | J (DNQ) | 4 | 4 | | | |
| Outfall 009 | (WS-13 Drainage) | 11-Feb-05 | Chromium | ug/L | 5.0 | -/- | 1.1 | J (DNQ) | | | | | 6 |
| Outfall 009 | (WS-13 Drainage) | 11-Feb-05 | Copper | ug/L | 2.0 | -/- | 2.2 | -- | 14 | 14 | | | |
| Outfall 009 | (WS-13 Drainage) | 11-Feb-05 | Lead | ug/L | 1.0 | -/- | 0.83 | J (DNQ) | 5.2 | | | | |
| Outfall 009 | (WS-13 Drainage) | 11-Feb-05 | Mercury | ug/L | 0.20 | -/- | 0.13 | J (DNQ) | 0.1 | 0.13 | | | |
| Outfall 009 | (WS-13 Drainage) | 11-Feb-05 | Nickel | ug/L | 10 | -/- | 2.0 | J (DNQ) | 96 | | | | |
| Outfall 009 | (WS-13 Drainage) | 11-Feb-05 | TCDD TEQ | ug/L | | -/- | **1.13E-07** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | |
| Outfall 009 | (WS-13 Drainage) | 11-Feb-05 | Vanadium | ug/L | 10 | -/- | 1.4 | J (DNQ) | | | | | |
| Outfall 009 | (WS-13 Drainage) | 11-Feb-05 | Zinc | ug/L | 20 | -/- | 6.3 | J (DNQ) | 119 | | | | |
| Outfall 009 | (WS-13 Drainage) | 18-Feb-05 | Antimony | ug/L | 2.0 | -/- | 1.2 | UJ (B,$) | 6 | 6 | | | |
| Outfall 009 | (WS-13 Drainage) | 18-Feb-05 | Cadmium | ug/L | 1.0 | -/- | 0.25 | J (DNQ) | 4 | 4 | | | |
| Outfall 009 | (WS-13 Drainage) | 18-Feb-05 | Copper | ug/L | 2.0 | -/- | 9.5 | -- | 14 | 14 | | | |
| Outfall 009 | (WS-13 Drainage) | 18-Feb-05 | Lead | ug/L | 1.0 | -/- | **10** | -- | 5.2 | | | | |
| Outfall 009 | (WS-13 Drainage) | 18-Feb-05 | Mercury | ug/L | 0.20 | -/- | 0.066 | J (DNQ) | 0.1 | 0.13 | | | |
| Outfall 009 | (WS-13 Drainage) | 18-Feb-05 | TCDD TEQ | ug/L | | -/- | **6.33E-07** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | |
| Outfall 009 | (WS-13 Drainage) | 18-Feb-05 | Total Suspended Solids | mg/L | 10 | -/- | 98 | * | | | | | 4 |
| Outfall 009 | (WS-13 Drainage) | 04-Mar-05 | Cadmium | ug/L | 1.0 | -/- | 0.041 | J (DNQ) | 4 | 4 | | | |
| Outfall 009 | (WS-13 Drainage) | 04-Mar-05 | Copper | ug/L | 2.0 | -/- | 3.9 | -- | 14 | 14 | | | |
| Outfall 009 | (WS-13 Drainage) | 04-Mar-05 | Lead | ug/L | 1.0 | -/- | 0.62 | J (DNQ) | 5.2 | | | | |
| Outfall 009 | (WS-13 Drainage) | 04-Mar-05 | TCDD TEQ | ug/L | | -/- | 2.54E-08 | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | |
| Outfall 009 | (WS-13 Drainage) | 19-Mar-05 | Cadmium | ug/L | 1.0 | -/- | 0.025 | J (DNQ) | 4 | 4 | | | |
| Outfall 009 | (WS-13 Drainage) | 19-Mar-05 | Copper | ug/L | 2.0 | -/- | 1.8 | J (DNQ) | 14 | 14 | | | |
| Outfall 009 | (WS-13 Drainage) | 19-Mar-05 | TCDD TEQ | ug/L | | -/- | 1.26E-08 | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | |
| Outfall 010 | (Building 203) | 20-Oct-04 | Antimony | ug/L | 2.0 | -/- | 0.25 | J (DNQ) | 6 | 6 | | | |
| Outfall 010 | (Building 203) | 20-Oct-04 | Cadmium | ug/L | 1.0 | -/- | 0.49 | J (DNQ) | 4 | 4 | | | |
| Outfall 010 | (Building 203) | 20-Oct-04 | Copper | ug/L | 2.0 | -/- | **21** | -- | 14 | 14 | | | |
| Outfall 010 | (Building 203) | 20-Oct-04 | Lead | ug/L | 1.0 | -/- | **17** | -- | 5.2 | | | | |
| Outfall 010 | (Building 203) | 20-Oct-04 | TCDD TEQ | ug/L | | -/- | **2.19E-06** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | |
| Outfall 010 | (Building 203) | 27-Oct-04 | Cadmium | ug/L | 1.0 | -/- | 0.16 | J (DNQ) | 4 | 4 | | | |
| Outfall 010 | (Building 203) | 27-Oct-04 | Copper | ug/L | 2.0 | -/- | 5.6 | -- | 14 | 14 | | | |
| Outfall 010 | (Building 203) | 27-Oct-04 | Lead | ug/L | 1.0 | -/- | 4.4 | -- | 5.2 | | | | |
| Outfall 010 | (Building 203) | 27-Oct-04 | TCDD TEQ | ug/L | | -/- | **6.77E-07** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | |
| Outfall 010 | (Building 203) | 28-Dec-04 | Cadmium | ug/L | 1.0 | -/- | 0.22 | J (DNQ) | 4 | 4 | | | |
| Outfall 010 | (Building 203) | 28-Dec-04 | Copper | ug/L | 2.0 | -/- | 6.6 | -- | 14 | 14 | | | |
| Outfall 010 | (Building 203) | 28-Dec-04 | Lead | ug/L | 1.0 | -/- | **5.7** | -- | 5.2 | | | | |

**MONITORING RESULTS**
**August 24, 2004 through April 13, 2005**

| SAMPLENAME | Site | SAMPDATE | CODE | UNITS | RL | mit L | RESULT | Qualifier | LT 001-002 | LT 003-007 | LT 008-010 | LT 015-017 | notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Outfall 010 | (Building 203) | 28-Dec-04 | Mercury | ug/L | 0.20 | -/- | **0.36** | -- | 0.1 | 0.13 | | | |
| Outfall 010 | (Building 203) | 28-Dec-04 | TCDD TEQ | ug/L | | -/- | **1.25E-06** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | |
| Outfall 010 | (Building 203) | 04-Jan-05 | Cadmium | ug/L | 1.0 | -/- | 0.054 | J (B) | 4 | 4 | | | |
| Outfall 010 | (Building 203) | 04-Jan-05 | Copper | ug/L | 2.0 | -/- | 3.2 | -- | 14 | 14 | | | |
| Outfall 010 | (Building 203) | 04-Jan-05 | Lead | ug/L | 1.0 | -/- | 1.7 | -- | 5.2 | | | | |
| Outfall 010 | (Building 203) | 04-Jan-05 | Mercury | ug/L | 0.20 | -/- | **0.24** | -- | 0.1 | 0.13 | | | |
| Outfall 010 | (Building 203) | 04-Jan-05 | TCDD TEQ | ug/L | | -/- | **2.92E-07** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | |
| Outfall 010 | (Building 203) | 11-Jan-05 | Cadmium | ug/L | 1.0 | -/- | 0.082 | J (DNQ) | 4 | 4 | | | |
| Outfall 010 | (Building 203) | 11-Jan-05 | Copper | ug/L | 2.0 | -/- | 2.5 | -- | 14 | 14 | | | |
| Outfall 010 | (Building 203) | 11-Jan-05 | Lead | ug/L | 1.0 | -/- | 1.1 | -- | 5.2 | | | | |
| Outfall 010 | (Building 203) | 11-Jan-05 | Mercury | ug/L | 0.20 | -/- | 0.10 | J (DNQ) | 0.1 | 0.13 | | | |
| Outfall 010 | (Building 203) | 11-Jan-05 | TCDD TEQ | ug/L | | -/- | **4.68E-07** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | |
| Outfall 010 | (Building 203) | 11-Feb-05 | Aluminum | ug/L | 50 | -/- | 1200 | -- | | | | | |
| Outfall 010 | (Building 203) | 11-Feb-05 | Cadmium | ug/L | 1.0 | -/- | 0.081 | J (DNQ) | 4 | 4 | | | |
| Outfall 010 | (Building 203) | 11-Feb-05 | Chromium | ug/L | 5.0 | -/- | 2.7 | J (DNQ) | | | | | 6 |
| Outfall 010 | (Building 203) | 11-Feb-05 | Copper | ug/L | 2.0 | -/- | 3.8 | -- | 14 | 14 | | | |
| Outfall 010 | (Building 203) | 11-Feb-05 | Gross Alpha | pCi/L | 3.0 | -/- | 8.16 ±1.5 | J (R,Q) | | | | | |
| Outfall 010 | (Building 203) | 11-Feb-05 | Gross Beta | pCi/L | 4.0 | -/- | 8.16 ±1.6 | -- | | | | | |
| Outfall 010 | (Building 203) | 11-Feb-05 | Lead | ug/L | 1.0 | -/- | 2.4 | -- | 5.2 | | | | |
| Outfall 010 | (Building 203) | 11-Feb-05 | Mercury | ug/L | 0.20 | -/- | 0.25 | -- | 0.1 | 0.13 | | | |
| Outfall 010 | (Building 203) | 11-Feb-05 | Nickel | ug/L | 10 | -/- | 2.1 | J (DNQ) | 96 | | | | |
| Outfall 010 | (Building 203) | 11-Feb-05 | TCDD TEQ | ug/L | | -/- | **1.03E-06** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | |
| Outfall 010 | (Building 203) | 11-Feb-05 | Total Suspended Solids | mg/L | 10 | -/- | 150 | -- | | | | | 4 |
| Outfall 010 | (Building 203) | 11-Feb-05 | Vanadium | ug/L | 10 | -/- | 5.2 | J (DNQ) | | | | | |
| Outfall 010 | (Building 203) | 11-Feb-05 | Zinc | ug/L | 20 | -/- | 23 | -- | 119 | | | | |
| Outfall 010 | (Building 203) | 18-Feb-05 | Cadmium | ug/L | 1.0 | -/- | 0.19 | J (DNQ) | 4 | 4 | | | |
| Outfall 010 | (Building 203) | 18-Feb-05 | Copper | ug/L | 2.0 | -/- | 11 | -- | 14 | 14 | | | |
| Outfall 010 | (Building 203) | 18-Feb-05 | Lead | ug/L | 1.0 | -/- | **6.2** | -- | 5.2 | | | | |
| Outfall 010 | (Building 203) | 18-Feb-05 | Mercury | ug/L | 0.20 | -/- | **0.14** | J (DNQ) | 0.1 | 0.13 | | | |
| Outfall 010 | (Building 203) | 18-Feb-05 | TCDD TEQ | ug/L | | -/- | **7.53E-06** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | |
| Outfall 010 | (Building 203) | 18-Feb-05 | Total Suspended Solids | mg/L | 10 | -/- | 200 | * | | | | | 4 |
| Outfall 010 | (Building 203) | 23-Mar-05 | Cadmium | ug/L | 1.0 | -/- | 0.086 | J (DNQ) | 4 | 4 | | | |
| Outfall 010 | (Building 203) | 23-Mar-05 | Copper | ug/L | 2.0 | -/- | 3.9 | -- | 14 | 14 | | | |
| Outfall 010 | (Building 203) | 23-Mar-05 | Lead | ug/L | 1.0 | -/- | 1.6 | -- | 5.2 | | | | |
| Outfall 010 | (Building 203) | 23-Mar-05 | TCDD TEQ | ug/L | | -/- | **1.62E-06** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | |
| Outfall 010 | (Building 203) | 23-Mar-05 | Total Suspended Solids | mg/L | 10 | -/- | 17 | * | | | | | 4 |
| Outfall 011-grab | (Perimeter Pond | 28-Dec-04 | Ammonia as Nitrogen (N) | mg/L | 0.50 | -/- | 13 | -- | | | | | 7 |
| Outfall 011-grab | (Perimeter Pond | 28-Dec-04 | day) | mg/L | 2.0 | -/- | 3.1 | -- | | | | | |
| Outfall 011-grab | (Perimeter Pond | 28-Dec-04 | Chloride | mg/L | 0.50 | -/- | 2.6 | -- | 150 | 150 | 150 | 150 | |
| Outfall 011-grab | (Perimeter Pond | 28-Dec-04 | Copper | ug/L | 2.0 | -/- | 4.3 | -- | 14 | 14 | | | |
| Outfall 011-grab | (Perimeter Pond | 28-Dec-04 | Lead | ug/L | 1.0 | -/- | 1.6 | -- | 5.2 | | | | |
| Outfall 011-grab | (Perimeter Pond | 28-Dec-04 | Mercury | ug/L | 0.20 | -/- | **0.24** | -- | 0.1 | 0.13 | | | |
| Outfall 011-grab | (Perimeter Pond | 28-Dec-04 | Nitrate + Nitrite as Nitrogen (N) | mg/L | 0.26 | -/- | 1.6 | -- | 8 | 10 | 8 or 10 | 8 | 2 |
| Outfall 011-grab | (Perimeter Pond | 28-Dec-04 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 78 | -- | | | | | |
| Outfall 011-grab | (Perimeter Pond | 28-Dec-04 | Sulfate | mg/L | 0.50 | -/- | 5.2 | -- | 300 | 250 | | 300 | |
| Outfall 011-grab | (Perimeter Pond | 28-Dec-04 | TCDD TEQ | ug/L | | -/- | **2.50E-07** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | |
| Outfall 011-grab | (Perimeter Pond | 28-Dec-04 | Thallium | ug/L | 1.0 | -/- | 0.13 | J (DNQ) | 2 | 2 | | | |
| Outfall 011-grab | (Perimeter Pond | 28-Dec-04 | Total Dissolved Solids | mg/L | 10 | -/- | 70 | -- | 950 | | | | 1 |
| Outfall 011-grab | (Perimeter Pond | 28-Dec-04 | Total Organic Carbon | mg/L | 0.80 | -/- | 13 | -- | | | | | |
| Outfall 011-grab | (Perimeter Pond | 28-Dec-04 | Total Suspended Solids | mg/L | 10 | -/- | 18 | -- | | | | | 4 |
| Outfall 011-grab | (Perimeter Pond | 28-Dec-04 | Turbidity | NTU | 1.0 | -/- | 32 | -- | | | | | |
| Outfall 011-grab | (Perimeter Pond | 28-Dec-04 | Vanadium | ug/L | 1.0 | -/- | 4.3 | -- | | | | | |
| Outfall 011-grab | (Perimeter Pond | 28-Dec-04 | Zinc | ug/L | 20 | -/- | 16 | J (DNQ) | 119 | | | | |
| Outfall 011-grab | (Perimeter Pond | 04-Jan-05 | Antimony | ug/L | 2.0 | -/- | 0.87 | UJ (B) | 6 | 6 | | | |
| Outfall 011-grab | (Perimeter Pond | 04-Jan-05 | Arsenic | ug/L | 1.0 | -/- | 0.80 | UJ (B) | 50 | | | | |

**MONITORING RESULTS**
**August 24, 2004 through April 13, 2005**

| SAMPLENAME | Site | SAMPDATE | CODE | UNITS | RL | mit L | RESULT | Qualifier | LT 001-002 | LT 003-007 | LT 008-010 | LT 015-017 | notes | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Outfall 011-grab | (Perimeter Pond | 04-Jan-05 | Barium | mg/L | 0.0010 | -/- | 0.025 | -- | 1 | | | 1 | | |
| Outfall 011-grab | (Perimeter Pond | 04-Jan-05 | Beryllium | ug/L | 0.50 | -/- | 0.14 | J (DNQ) | 4 | | | | | |
| Outfall 011-grab | (Perimeter Pond | 04-Jan-05 | day) | mg/L | 2.0 | -/- | 1.1 | J (DNQ) | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 04-Jan-05 | Boron | mg/L | 0.050 | -/- | 0.060 | -- | | 1 | 1 | | | |
| Outfall 011-grab | (Perimeter Pond | 04-Jan-05 | Cadmium | ug/L | 1.0 | -/- | 0.25 | J (DNQ) | 4 | 4 | | | | |
| Outfall 011-grab | (Perimeter Pond | 04-Jan-05 | Chloride | mg/L | 0.50 | -/- | 4.2 | -- | 150 | 150 | 150 | 150 | | |
| Outfall 011-grab | (Perimeter Pond | 04-Jan-05 | Chromium | ug/L | 1.0 | -/- | 3.5 | J (*3) | | | | | | 6 |
| Outfall 011-grab | (Perimeter Pond | 04-Jan-05 | Chromium VI | ug/L | 1.0 | -/- | 0.17 | UJ (H,B) | 16.3 | | | | | 6 |
| Outfall 011-grab | (Perimeter Pond | 04-Jan-05 | Cobalt | ug/L | 1.0 | -/- | 0.59 | J (DNQ) | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 04-Jan-05 | Copper | ug/L | 2.0 | -/- | 6.3 | -- | 14 | 14 | | | | |
| Outfall 011-grab | (Perimeter Pond | 04-Jan-05 | Fluoride | mg/L | 0.50 | -/- | 0.25 | J (DNQ) | 1.6 | 1.6 | 1.6 | 1.6 | | |
| Outfall 011-grab | (Perimeter Pond | 04-Jan-05 | Iron | mg/L | 0.010 | -/- | **1.5** | J (*3,Q) | 0.3 | | | | | |
| Outfall 011-grab | (Perimeter Pond | 04-Jan-05 | Lead | ug/L | 1.0 | -/- | 1.4 | -- | 5.2 | | | | | |
| Outfall 011-grab | (Perimeter Pond | 04-Jan-05 | Manganese | ug/L | 1.0 | -/- | 26 | -- | 50 | | | | | |
| Outfall 011-grab | (Perimeter Pond | 04-Jan-05 | Mercury | ug/L | 0.20 | -/- | **0.25** | -- | 0.1 | 0.13 | | | | |
| Outfall 011-grab | (Perimeter Pond | 04-Jan-05 | Nickel | ug/L | 1.0 | -/- | 3.5 | -- | 96 | | | | | |
| Outfall 011-grab | (Perimeter Pond | 04-Jan-05 | Nitrate + Nitrite as Nitrogen (N) | mg/L | 0.26 | -/- | 2.1 | -- | 8 | 10 | 8 or 10 | 8 | | 2 |
| Outfall 011-grab | (Perimeter Pond | 04-Jan-05 | Selenium | ug/L | 2.0 | -/- | 0.63 | J (DNQ) | 8.2 | | | | | |
| Outfall 011-grab | (Perimeter Pond | 04-Jan-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 100 | -- | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 04-Jan-05 | Sulfate | mg/L | 0.50 | -/- | 5.9 | -- | 300 | 250 | | 300 | | |
| Outfall 011-grab | (Perimeter Pond | 04-Jan-05 | TCDD TEQ | ug/L | | -/- | **1.20E-07** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | | |
| Outfall 011-grab | (Perimeter Pond | 04-Jan-05 | Total Dissolved Solids | mg/L | 10 | -/- | 120 | -- | 950 | | | | | 1 |
| Outfall 011-grab | (Perimeter Pond | 04-Jan-05 | Total Organic Carbon | mg/L | 1.0 | -/- | 12 | -- | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 04-Jan-05 | Turbidity | NTU | 1.0 | -/- | 30 | -- | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 04-Jan-05 | Vanadium | ug/L | 1.0 | -/- | 2.4 | -- | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 04-Jan-05 | Zinc | ug/L | 20 | -/- | 22 | -- | 119 | | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Jan-05 | Arsenic | ug/L | 1.0 | -/- | 1.6 | -- | 50 | | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Jan-05 | Barium | mg/L | 0.0010 | -/- | 0.019 | -- | 1 | | | 1 | | |
| Outfall 011-grab | (Perimeter Pond | 11-Jan-05 | Beryllium | ug/L | 0.50 | -/- | 0.063 | J (*3,DNQ) | 4 | | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Jan-05 | day) | mg/L | 2.0 | -/- | 0.83 | J (DNQ) | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Jan-05 | Boron | mg/L | 0.050 | -/- | 0.065 | -- | | 1 | 1 | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Jan-05 | Cadmium | ug/L | 1.0 | -/- | 0.14 | J (DNQ) | 4 | 4 | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Jan-05 | Chloride | mg/L | 0.50 | -/- | 3.6 | -- | 150 | 150 | 150 | 150 | | |
| Outfall 011-grab | (Perimeter Pond | 11-Jan-05 | Chromium | ug/L | 1.0 | -/- | 1.8 | UJ (B) | | | | | | 6 |
| Outfall 011-grab | (Perimeter Pond | 11-Jan-05 | Cobalt | ug/L | 1.0 | -/- | 0.71 | J (DNQ) | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Jan-05 | Copper | ug/L | 2.0 | -/- | 4.2 | -- | 14 | 14 | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Jan-05 | Fluoride | mg/L | 0.50 | -/- | 0.26 | UJ (B) | 1.6 | 1.6 | 1.6 | 1.6 | | |
| Outfall 011-grab | (Perimeter Pond | 11-Jan-05 | Iron | mg/L | 0.010 | -/- | **0.98** | -- | 0.3 | | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Jan-05 | 5.2 | ug/L | 1.0 | -/- | 1.0 | -- | 5.2 | | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Jan-05 | Manganese | ug/L | 1.0 | -/- | 16 | -- | 50 | | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Jan-05 | Mercury | ug/L | 0.20 | -/- | 0.13 | J (DNQ) | 0.1 | 0.13 | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Jan-05 | Naphthalene | ug/L | 1.0 | -/- | 0.21 | J (DNQ,*5) | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Jan-05 | Nickel | ug/L | 1.0 | -/- | 2.3 | J (*3) | 96 | | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Jan-05 | Nitrate + Nitrite as Nitrogen (N) | mg/L | 0.26 | -/- | 0.91 | -- | 8 | 10 | 8 or 10 | 8 | | 2 |
| Outfall 011-grab | (Perimeter Pond | 11-Jan-05 | Oil & Grease | mg/L | 5.0 | -/- | 14 | ($) | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Jan-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 94 | -- | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Jan-05 | Sulfate | mg/L | 0.50 | -/- | 4.9 | -- | 300 | 250 | | 300 | | |
| Outfall 011-grab | (Perimeter Pond | 11-Jan-05 | TCDD TEQ | ug/L | | -/- | **3.21E-08** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Jan-05 | Thallium | ug/L | 1.0 | -/- | 0.90 | J (*3,DNQ) | 2 | 2 | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Jan-05 | Total Dissolved Solids | mg/L | 10 | -/- | 88 | -- | 950 | | | | | 1 |
| Outfall 011-grab | (Perimeter Pond | 11-Jan-05 | Total Organic Carbon | mg/L | 1.0 | -/- | 10 | -- | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Jan-05 | Turbidity | NTU | 1.0 | -/- | 18 | -- | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Jan-05 | Vanadium | ug/L | 1.0 | -/- | 3.4 | -- | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Jan-05 | Zinc | ug/L | 20 | -/- | 18 | J (DNQ) | 119 | | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Feb-05 | Arsenic | ug/L | 1.0 | -/- | 1.0 | J (*3) | 50 | | | | | |

**MONITORING RESULTS**
**August 24, 2004 through April 13, 2005**

| SAMPLENAME | Site | SAMPDATE | CODE | UNITS | RL | mit L | RESULT | Qualifier | LT 001-002 | LT 003-007 | LT 008-010 | LT 015-017 | notes | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Outfall 011-grab | (Perimeter Pond | 11-Feb-05 | Barium | mg/L | 0.0010 | -/- | 0.020 | -- | 1 | | | 1 | | |
| Outfall 011-grab | (Perimeter Pond | 11-Feb-05 | Beryllium | ug/L | 0.50 | -/- | 0.052 | J (DNQ) | 4 | | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Feb-05 | day) | mg/L | 2.0 | -/- | 3.6 | -- | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Feb-05 | Cadmium | ug/L | 1.0 | -/- | 0.11 | J (DNQ) | 4 | 4 | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Feb-05 | Chloride | mg/L | 0.50 | -/- | 5.4 | -- | 150 | 150 | 150 | 150 | | |
| Outfall 011-grab | (Perimeter Pond | 11-Feb-05 | Cobalt | ug/L | 1.0 | -/- | 0.60 | J (DNQ) | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Feb-05 | Copper | ug/L | 2.0 | -/- | 3.4 | J (*3) | 14 | 14 | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Feb-05 | Iron | mg/L | 0.010 | -/- | **1.6** | -- | 0.3 | | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Feb-05 | Lead | ug/L | 1.0 | -/- | 1.3 | -- | 5.2 | | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Feb-05 | Manganese | ug/L | 1.0 | -/- | 36 | -- | 50 | | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Feb-05 | Mercury | ug/L | 0.20 | -/- | **0.14** | J (DNQ) | 0.1 | 0.13 | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Feb-05 | Nickel | ug/L | 1.0 | -/- | 1.4 | J (B,*3) | 96 | | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Feb-05 | Nitrate + Nitrite as Nitrogen (N) | mg/L | 0.26 | -/- | 0.47 | -- | 8 | 10 | 8 or 10 | 8 | 2 | |
| Outfall 011-grab | (Perimeter Pond | 11-Feb-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 130 | -- | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Feb-05 | Sulfate | mg/L | 0.50 | -/- | 14 | -- | 300 | 250 | | 300 | | |
| Outfall 011-grab | (Perimeter Pond | 11-Feb-05 | Surfactants (MBAS) | mg/L | 0.10 | -/- | 0.082 | J (DNQ) | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Feb-05 | TCDD TEQ | ug/L | | -/- | **1.78E-07** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Feb-05 | Total Dissolved Solids | mg/L | 10 | -/- | 110 | -- | 950 | | | | 1 | |
| Outfall 011-grab | (Perimeter Pond | 11-Feb-05 | Total Organic Carbon | mg/L | 1.0 | -/- | 11 | -- | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Feb-05 | Total Suspended Solids | mg/L | 10 | -/- | 26 | -- | | | | | 4 | |
| Outfall 011-grab | (Perimeter Pond | 11-Feb-05 | Turbidity | NTU | 1.0 | -/- | 38 | -- | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Feb-05 | Vanadium | ug/L | 1.0 | -/- | 3.7 | J (B) | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Feb-05 | Zinc | ug/L | 20 | -/- | 16 | J (DNQ) | 119 | | | | | |
| Outfall 011-grab | (Perimeter Pond | 18-Feb-05 | 1,1,1-Trichloroethane | ug/L | 2.0 | -/- | 0.74 | J (DNQ) | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 18-Feb-05 | day) | mg/L | 2.0 | -/- | 2.7 | -- | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 18-Feb-05 | Chloride | mg/L | 0.50 | -/- | 4.7 | -- | 150 | 150 | 150 | 150 | | |
| Outfall 011-grab | (Perimeter Pond | 18-Feb-05 | Copper | ug/L | 2.0 | -/- | 6.7 | -- | 14 | 14 | | | | |
| Outfall 011-grab | (Perimeter Pond | 18-Feb-05 | Lead | ug/L | 1.0 | -/- | 2.7 | -- | 5.2 | | | | | |
| Outfall 011-grab | (Perimeter Pond | 18-Feb-05 | Mercury | ug/L | 0.20 | -/- | 0.11 | J (DNQ) | 0.1 | 0.13 | | | | |
| Outfall 011-grab | (Perimeter Pond | 18-Feb-05 | Nitrate + Nitrite as Nitrogen (N) | mg/L | 0.11 | -/- | 0.76 | -- | 8 | 10 | 8 or 10 | 8 | 2 | |
| Outfall 011-grab | (Perimeter Pond | 18-Feb-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 100 | -- | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 18-Feb-05 | Sulfate | mg/L | 0.50 | -/- | 6.4 | -- | 300 | 250 | | 300 | | |
| Outfall 011-grab | (Perimeter Pond | 18-Feb-05 | TCDD TEQ | ug/L | | -/- | **4.91E-07** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | | |
| Outfall 011-grab | (Perimeter Pond | 18-Feb-05 | Total Dissolved Solids | mg/L | 10 | -/- | 99 | -- | 950 | | | | 1 | |
| Outfall 011-grab | (Perimeter Pond | 18-Feb-05 | Total Settleable Solids | ml/l/hr | 0.10 | -/- | **0.60** | -- | 0.3 | | | 0.3 | 1 | |
| Outfall 011-grab | (Perimeter Pond | 18-Feb-05 | Total Suspended Solids | mg/L | 10 | -/- | 78 | -- | | | | | 4 | |
| Outfall 011-grab | (Perimeter Pond | 18-Feb-05 | Trichloroethene | ug/L | 5.0 | -/- | 0.47 | J (DNQ) | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 18-Feb-05 | Turbidity | NTU | 5.0 | -/- | 110 | -- | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | 4,4'-DDT | ug/L | 0.10 | -/- | 0.038 | J (DNQ) | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | Arsenic | ug/L | 1.0 | -/- | 1.3 | J (*3) | 50 | | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | Barium | mg/L | 0.0010 | -/- | 0.020 | -- | 1 | | | 1 | | |
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | day) | mg/L | 2.0 | -/- | 0.68 | J (DNQ) | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | Cadmium | ug/L | 1.0 | -/- | 0.10 | J (DNQ) | 4 | 4 | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | Chloride | mg/L | 0.50 | -/- | 5.1 | -- | 150 | 150 | 150 | 150 | | |
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | Cobalt | ug/L | 1.0 | -/- | 0.23 | J (DNQ) | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | Copper | ug/L | 2.0 | -/- | 3.2 | -- | 14 | 14 | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | Fluoride | mg/L | 0.50 | -/- | 0.17 | J (DNQ) | 1.6 | 1.6 | 1.6 | 1.6 | | |
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | Iron | mg/L | 0.010 | -/- | **0.56** | -- | 0.3 | | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | Lead | ug/L | 1.0 | -/- | 0.57 | J (B,DNQ) | 5.2 | | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | Manganese | ug/L | 1.0 | -/- | 13 | -- | 50 | | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | Nickel | ug/L | 2.0 | -/- | 1.0 | J (B,DNQ) | 96 | | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | Nitrate + Nitrite as Nitrogen (N) | mg/L | 0.26 | -/- | 0.38 | -- | 8 | 10 | 8 or 10 | 8 | 2 | |
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 150 | -- | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | Sulfate | mg/L | 0.50 | -/- | 11 | -- | 300 | 250 | | 300 | | |
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | Surfactants (MBAS) | mg/L | 0.10 | -/- | 0.054 | J (DNQ) | | | | | | |

**MONITORING RESULTS**
**August 24, 2004 through April 13, 2005**

| SAMPLENAME | Site | SAMPDATE | CODE | UNITS | RL | mit L | RESULT | Qualifier | LT 001-002 | LT 003-007 | LT 008-010 | LT 015-017 | notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | TCDD TEQ | ug/L | | -/- | **1.00E-07** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | |
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | Total Dissolved Solids | mg/L | 10 | -/- | 100 | -- | 950 | | | | 1 |
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | Total Organic Carbon | mg/L | 1.0 | -/- | 11 | -- | | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | Turbidity | NTU | 1.0 | -/- | 9.4 | -- | | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | Vanadium | ug/L | 2.0 | -/- | 1.5 | J (B,DNQ) | | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | Zinc | ug/L | 20 | -/- | 16 | J (DNQ,*3) | 119 | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | day) | mg/L | 2.0 | -/- | 2.5 | -- | | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | Chloride | mg/L | 0.50 | -/- | 6.7 | -- | 150 | 150 | 150 | 150 | |
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | Copper | ug/L | 2.0 | -/- | 3.5 | -- | 14 | 14 | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | Lead | ug/L | 1.0 | -/- | 0.35 | J (B,DNQ) | 5.2 | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | Nitrate + Nitrite as Nitrogen (N) | mg/L | 0.26 | -/- | 0.38 | -- | 8 | 10 | 8 or 10 | 8 | 2 |
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 160 | -- | | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | Sulfate | mg/L | 0.50 | -/- | 12 | -- | 300 | 250 | | 300 | |
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | Surfactants (MBAS) | mg/L | 0.10 | -/- | 0.046 | J (DNQ) | | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | TCDD TEQ | ug/L | | -/- | **8.67E-08** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | |
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | Total Cyanide | ug/L | 5.0 | -/- | 2.5 | J (DNQ) | 8.5 | | | | 5 |
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | Total Dissolved Solids | mg/L | 10 | -/- | 120 | -- | 950 | | | | 1 |
| Outfall 011-grab | (Perimeter Pond | 25-Feb-05 | Turbidity | NTU | 1.0 | -/- | 8.2 | -- | | | | | |
| Outfall 011-grab | (Perimeter Pond | 04-Mar-05 | day) | mg/L | 2.0 | -/- | 0.76 | J (DNQ) | | | | | |
| Outfall 011-grab | (Perimeter Pond | 04-Mar-05 | Chloride | mg/L | 0.50 | -/- | 8.8 | -- | 150 | 150 | 150 | 150 | |
| Outfall 011-grab | (Perimeter Pond | 04-Mar-05 | Copper | ug/L | 2.0 | -/- | 3.0 | -- | 14 | 14 | | | |
| Outfall 011-grab | (Perimeter Pond | 04-Mar-05 | Lead | ug/L | 1.0 | -/- | 0.19 | J (DNQ) | 5.2 | | | | |
| Outfall 011-grab | (Perimeter Pond | 04-Mar-05 | Nitrate + Nitrite as Nitrogen (N) | mg/L | 0.15 | -/- | 0.21 | -- | 8 | 10 | 8 or 10 | 8 | 2 |
| Outfall 011-grab | (Perimeter Pond | 04-Mar-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 250 | -- | | | | | |
| Outfall 011-grab | (Perimeter Pond | 04-Mar-05 | Sulfate | mg/L | 0.50 | -/- | 24 | -- | 300 | 250 | | 300 | |
| Outfall 011-grab | (Perimeter Pond | 04-Mar-05 | Surfactants (MBAS) | mg/L | 0.10 | -/- | 0.077 | J (DNQ) | | | | | |
| Outfall 011-grab | (Perimeter Pond | 04-Mar-05 | TCDD TEQ | ug/L | | -/- | **2.89E-08** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | |
| Outfall 011-grab | (Perimeter Pond | 04-Mar-05 | Total Dissolved Solids | mg/L | 10 | -/- | 170 | -- | 950 | | | | 1 |
| Outfall 011-grab | (Perimeter Pond | 04-Mar-05 | Turbidity | NTU | 1.0 | -/- | 4.5 | -- | | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Mar-05 | Benzene | ug/L | 2.0 | -/- | 0.38 | J (DNQ) | | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Mar-05 | day) | mg/L | 2.0 | -/- | 2.5 | -- | | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Mar-05 | Chloride | mg/L | 5.0 | -/- | 36 | -- | 150 | 150 | 150 | 150 | |
| Outfall 011-grab | (Perimeter Pond | 11-Mar-05 | Copper | ug/L | 2.0 | -/- | 8.5 | -- | 14 | 14 | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Mar-05 | Lead | ug/L | 1.0 | -/- | 0.74 | J (DNQ) | 5.2 | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Mar-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 690 | -- | | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Mar-05 | Sulfate | mg/L | 5.0 | -/- | 120 | -- | 300 | 250 | | 300 | |
| Outfall 011-grab | (Perimeter Pond | 11-Mar-05 | Surfactants (MBAS) | mg/L | 0.10 | -/- | 0.096 | J (DNQ) | | | | | |
| Outfall 011-grab | (Perimeter Pond | 11-Mar-05 | TCDD TEQ | ug/L | | -/- | **3.90E-08** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | |
| Outfall 011-grab | (Perimeter Pond | 11-Mar-05 | Total Dissolved Solids | mg/L | 10 | -/- | 450 | -- | 950 | | | | 1 |
| Outfall 011-grab | (Perimeter Pond | 11-Mar-05 | Turbidity | NTU | 1.0 | -/- | 8.6 | -- | | | | | |
| Outfall 011-grab | (Perimeter Pond | 18-Mar-05 | 4,4'-DDT | ug/L | 0.10 | -/- | 0.039 | J (DNQ) | | | | | |
| Outfall 011-grab | (Perimeter Pond | 18-Mar-05 | Arsenic | ug/L | 1.0 | -/- | 2.4 | -- | 50 | | | | |
| Outfall 011-grab | (Perimeter Pond | 18-Mar-05 | Barium | mg/L | 0.0010 | -/- | 0.036 | -- | 1 | | | 1 | |
| Outfall 011-grab | (Perimeter Pond | 18-Mar-05 | day) | mg/L | 2.0 | -/- | 1.6 | J (DNQ) | | | | | |
| Outfall 011-grab | (Perimeter Pond | 18-Mar-05 | Boron | mg/L | 0.050 | -/- | 0.090 | -- | | 1 | 1 | | |
| Outfall 011-grab | (Perimeter Pond | 18-Mar-05 | Cadmium | ug/L | 1.0 | -/- | 0.085 | J (DNQ) | 4 | 4 | | | |
| Outfall 011-grab | (Perimeter Pond | 18-Mar-05 | Chloride | mg/L | 0.50 | -/- | 15 | -- | 150 | 150 | 150 | 150 | |
| Outfall 011-grab | (Perimeter Pond | 18-Mar-05 | Chromium | ug/L | 2.0 | -/- | 1.0 | J (B,DNQ) | | | | | 6 |
| Outfall 011-grab | (Perimeter Pond | 18-Mar-05 | Cobalt | ug/L | 1.0 | -/- | 0.35 | J (DNQ) | | | | | |
| Outfall 011-grab | (Perimeter Pond | 18-Mar-05 | Copper | ug/L | 2.0 | -/- | 4.0 | -- | 14 | 14 | | | |
| Outfall 011-grab | (Perimeter Pond | 18-Mar-05 | Iron | mg/L | 0.010 | -/- | 0.29 | -- | 0.3 | | | | |
| Outfall 011-grab | (Perimeter Pond | 18-Mar-05 | Lead | ug/L | 1.0 | -/- | 0.30 | J (DNQ) | 5.2 | | | | |
| Outfall 011-grab | (Perimeter Pond | 18-Mar-05 | Manganese | ug/L | 1.0 | -/- | **65** | -- | 50 | | | | |
| Outfall 011-grab | (Perimeter Pond | 18-Mar-05 | Selenium | ug/L | 2.0 | -/- | 0.55 | J (DNQ) | 8.2 | | | | |
| Outfall 011-grab | (Perimeter Pond | 18-Mar-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 360 | -- | | | | | |

**MONITORING RESULTS**
**August 24, 2004 through April 13, 2005**

| SAMPLENAME | Site | SAMPDATE | CODE | UNITS | RL | mit L | RESULT | Qualifier | LT 001-002 | LT 003-007 | LT 008-010 | LT 015-017 | notes | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Outfall 011-grab | (Perimeter Pond | 18-Mar-05 | Sulfate | mg/L | 0.50 | -/- | 42 | -- | 300 | 250 | | 300 | | |
| Outfall 011-grab | (Perimeter Pond | 18-Mar-05 | Surfactants (MBAS) | mg/L | 0.10 | -/- | 0.080 | J (DNQ) | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 18-Mar-05 | TCDD TEQ | ug/L | | -/- | **2.84E-08** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | | |
| Outfall 011-grab | (Perimeter Pond | 18-Mar-05 | Total Dissolved Solids | mg/L | 10 | -/- | 220 | -- | 950 | | | | | 1 |
| Outfall 011-grab | (Perimeter Pond | 18-Mar-05 | Total Organic Carbon | mg/L | 1.0 | -/- | 13 | -- | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 18-Mar-05 | Turbidity | NTU | 1.0 | -/- | 3.1 | -- | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 18-Mar-05 | Vanadium | ug/L | 2.0 | -/- | 2.0 | -- | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 18-Mar-05 | Zinc | ug/L | 20 | -/- | 12 | J (DNQ) | 119 | | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Mar-05 | Ammonia as Nitrogen (N) | mg/L | 0.50 | -/- | 0.56 | -- | | | | | | 7 |
| Outfall 011-grab | (Perimeter Pond | 25-Mar-05 | Arsenic | ug/L | 1.0 | -/- | 2.7 | J (I) | 50 | | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Mar-05 | Barium | mg/L | 0.0010 | -/- | 0.023 | -- | 1 | | | 1 | | |
| Outfall 011-grab | (Perimeter Pond | 25-Mar-05 | Beryllium | ug/L | 0.50 | -/- | 0.041 | J (DNQ) | 4 | | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Mar-05 | day) | mg/L | 2.0 | -/- | 0.91 | J (DNQ) | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Mar-05 | Cadmium | ug/L | 1.0 | -/- | 0.22 | J (DNQ) | 4 | 4 | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Mar-05 | Chloride | mg/L | 0.50 | -/- | 8.4 | -- | 150 | 150 | 150 | 150 | | |
| Outfall 011-grab | (Perimeter Pond | 25-Mar-05 | Cobalt | ug/L | 1.0 | -/- | 0.29 | J (DNQ) | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Mar-05 | Copper | ug/L | 2.0 | -/- | 3.9 | -- | 14 | 14 | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Mar-05 | Fluoride | mg/L | 0.50 | -/- | 0.25 | J (DNQ) | 1.6 | 1.6 | 1.6 | 1.6 | | |
| Outfall 011-grab | (Perimeter Pond | 25-Mar-05 | Iron | mg/L | 0.010 | -/- | **0.43** | -- | 0.3 | | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Mar-05 | Lead | ug/L | 1.0 | -/- | 0.46 | J (DNQ) | 5.2 | | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Mar-05 | Manganese | ug/L | 1.0 | -/- | 36 | -- | 50 | | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Mar-05 | Nickel | ug/L | 2.0 | -/- | 3.4 | -- | 96 | | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Mar-05 | Nitrate + Nitrite as Nitrogen (N) | mg/L | 0.11 | -/- | 0.14 | -- | 8 | 10 | 8 or 10 | 8 | | 2 |
| Outfall 011-grab | (Perimeter Pond | 25-Mar-05 | Oil & Grease | mg/L | 5.0 | -/- | 1.6 | J (DNQ) | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Mar-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 210 | -- | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Mar-05 | Sulfate | mg/L | 0.50 | -/- | 20 | -- | 300 | 250 | | 300 | | |
| Outfall 011-grab | (Perimeter Pond | 25-Mar-05 | TCDD TEQ | ug/L | | -/- | **9.03E-08** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Mar-05 | Total Dissolved Solids | mg/L | 10 | -/- | 120 | -- | 950 | | | | | 1 |
| Outfall 011-grab | (Perimeter Pond | 25-Mar-05 | Total Organic Carbon | mg/L | 1.0 | -/- | 11 | -- | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Mar-05 | Turbidity | NTU | 1.0 | -/- | 4.4 | -- | | | | | | |
| Outfall 011-grab | (Perimeter Pond | 25-Mar-05 | Zinc | ug/L | 20 | -/- | 13 | J (DNQ) | 119 | | | | | |
| Outfall 012 | (Alfa Test Stand) | 21-Aug-04 | Ammonia as Nitrogen (N) | mg/L | 0.50 | -/- | 0.84 | -- | | | | | | 7 |
| Outfall 012 | (Alfa Test Stand) | 21-Aug-04 | day) | mg/L | 2.0 | -/- | 6.0 | -- | | | | | | |
| Outfall 012 | (Alfa Test Stand) | 21-Aug-04 | EFH (C13 - C22) | ug/L | 2000 | -/- | 4500 | -- | | | | | | |
| Outfall 012 | (Alfa Test Stand) | 21-Aug-04 | GRO (C4 - C12) | ug/L | 1000 | -/- | 1500 | -- | | | | | | |
| Outfall 012 | (Alfa Test Stand) | 21-Aug-04 | Naphthalene | ug/L | 10 | -/- | 73 | -- | | | | | | |
| Outfall 012 | (Alfa Test Stand) | 21-Aug-04 | Oil & Grease | mg/L | 5.0 | -/- | 2.1 | J (DNQ) | | | | | | |
| Outfall 012 | (Alfa Test Stand) | 21-Aug-04 | Total Dissolved Solids | mg/L | 10 | -/- | 400 | -- | 950 | | | | | 1 |
| Outfall 012 | (Alfa Test Stand) | 21-Aug-04 | Total Suspended Solids | mg/L | 10 | -/- | 24 | -- | | | | | | 4 |
| Outfall 012 | (Alfa Test Stand) | 21-Aug-04 | TRPH | ug/L | 1000 | -/- | 12000 | -- | | | | | | |
| Outfall 012 | (Alfa Test Stand) | 21-Aug-04 | Turbidity | NTU | 1.0 | -/- | 38 | -- | | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Sep-04 | 1,4-Dioxane | ug/L | 1.0 | -/- | 1.6 | -- | | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Sep-04 | day) | mg/L | 2.0 | -/- | 2.7 | -- | | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Sep-04 | EFH (C13 - C22) | ug/L | 500 | -/- | 2200 | -- | | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Sep-04 | GRO (C4 - C12) | ug/L | 200 | -/- | 700 | -- | | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Sep-04 | Naphthalene | ug/L | 10.0 | -/- | 37.8 | -- | | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Sep-04 | Oil & Grease | mg/L | 5.0 | -/- | 4.8 | J (DNQ) | | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Sep-04 | Total Dissolved Solids | mg/L | 10 | -/- | 340 | -- | 950 | | | | | 1 |
| Outfall 012 | (Alfa Test Stand) | 02-Sep-04 | Total Suspended Solids | mg/L | 10 | -/- | 14 | -- | | | | | | 4 |
| Outfall 012 | (Alfa Test Stand) | 02-Sep-04 | TRPH | ug/L | 1000 | -/- | 10000 | -- | | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Sep-04 | Turbidity | NTU | 1.0 | -/- | 29 | -- | | | | | | |
| Outfall 012 | (Alfa Test Stand) | 09-Sep-04 | day) | mg/L | 2.0 | -/- | 1.6 | J (DNQ) | | | | | | |
| Outfall 012 | (Alfa Test Stand) | 09-Sep-04 | EFH (C13 - C22) | ug/L | 500 | -/- | 970 | -- | | | | | | |
| Outfall 012 | (Alfa Test Stand) | 09-Sep-04 | GRO (C4 - C12) | ug/L | 100 | -/- | 200 | -- | | | | | | |
| Outfall 012 | (Alfa Test Stand) | 09-Sep-04 | Naphthalene | ug/L | 9.5 | -/- | 18.4 | J (S,$) | | | | | | |

**MONITORING RESULTS**
**August 24, 2004 through April 13, 2005**

| SAMPLENAME | Site | SAMPDATE | CODE | UNITS | RL | mit L | RESULT | Qualifier | LT 001-002 | LT 003-007 | LT 008-010 | LT 015-017 | notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Outfall 012 | (Alfa Test Stand) | 09-Sep-04 | Total Dissolved Solids | mg/L | 10 | -/- | 330 | -- | 950 | | | | 1 |
| Outfall 012 | (Alfa Test Stand) | 09-Sep-04 | Total Suspended Solids | mg/L | 10 | -/- | 20 | -- | | | | | 4 |
| Outfall 012 | (Alfa Test Stand) | 09-Sep-04 | TRPH | ug/L | 1000 | -/- | 1400 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 09-Sep-04 | Turbidity | NTU | 1.0 | -/- | 39 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 15-Sep-04 | day) | mg/L | 0.040 | -/- | 2.5 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 15-Sep-04 | EFH (C13 - C22) | ug/L | 500 | -/- | 1200 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 15-Sep-04 | GRO (C4 - C12) | ug/L | 100 | -/- | 900 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 15-Sep-04 | Naphthalene | ug/L | 10.0 | -/- | 32.3 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 15-Sep-04 | Oil & Grease | mg/L | 5.0 | -/- | 1.8 | J (DNQ) | | | | | |
| Outfall 012 | (Alfa Test Stand) | 15-Sep-04 | Total Dissolved Solids | mg/L | 10 | -/- | 310 | -- | 950 | | | | 1 |
| Outfall 012 | (Alfa Test Stand) | 15-Sep-04 | Total Suspended Solids | mg/L | 10 | -/- | 17 | -- | | | | | 4 |
| Outfall 012 | (Alfa Test Stand) | 15-Sep-04 | TRPH | ug/L | 1000 | -/- | 5900 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 15-Sep-04 | Turbidity | NTU | 1.0 | -/- | 35 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 24-Sep-04 | day) | mg/L | 2.0 | -/- | 2.8 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 24-Sep-04 | EFH (C13 - C22) | ug/L | 500 | -/- | 1000 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 24-Sep-04 | GRO (C4 - C12) | ug/L | 100 | -/- | 280 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 24-Sep-04 | Naphthalene | ug/L | 10.0 | -/- | 20.9 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 24-Sep-04 | Total Dissolved Solids | mg/L | 10 | -/- | 330 | -- | 950 | | | | 1 |
| Outfall 012 | (Alfa Test Stand) | 24-Sep-04 | Total Suspended Solids | mg/L | 10 | -/- | 120 | -- | | | | | 4 |
| Outfall 012 | (Alfa Test Stand) | 24-Sep-04 | TRPH | ug/L | 1000 | -/- | 5100 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 24-Sep-04 | Turbidity | NTU | 1.0 | -/- | 27 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 29-Sep-04 | day) | mg/L | 2.0 | -/- | 1.8 | J (DNQ) | | | | | |
| Outfall 012 | (Alfa Test Stand) | 29-Sep-04 | EFH (C13 - C22) | ug/L | 500 | -/- | 1100 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 29-Sep-04 | GRO (C4 - C12) | ug/L | 1000 | -/- | 1200 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 29-Sep-04 | Naphthalene | ug/L | 10.0 | -/- | 28.4 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 29-Sep-04 | Oil & Grease | mg/L | 5.0 | -/- | 0.95 | J (DNQ) | | | | | |
| Outfall 012 | (Alfa Test Stand) | 29-Sep-04 | Total Dissolved Solids | mg/L | 10 | -/- | 350 | -- | 950 | | | | 1 |
| Outfall 012 | (Alfa Test Stand) | 29-Sep-04 | Total Suspended Solids | mg/L | 10 | -/- | 20 | -- | | | | | 4 |
| Outfall 012 | (Alfa Test Stand) | 29-Sep-04 | TRPH | ug/L | 1000 | -/- | 5000 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 29-Sep-04 | Turbidity | NTU | 1.0 | -/- | 25 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Oct-04 | day) | mg/L | 2.0 | -/- | 1.3 | J (DNQ) | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Oct-04 | EFH (C13 - C22) | ug/L | 480 | -/- | 550 | ($) | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Oct-04 | GRO (C4 - C12) | ug/L | 100 | -/- | 120 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Oct-04 | Naphthalene | ug/L | 10.0 | -/- | 13.7 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Oct-04 | Total Dissolved Solids | mg/L | 10 | -/- | 280 | -- | 950 | | | | 1 |
| Outfall 012 | (Alfa Test Stand) | 02-Oct-04 | TRPH | ug/L | 1000 | -/- | 830 | J (DNQ) | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Oct-04 | Turbidity | NTU | 1.0 | -/- | 17 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 06-Oct-04 | day) | mg/L | 2.0 | -/- | 2.1 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 06-Oct-04 | EFH (C13 - C22) | ug/L | 500 | -/- | 1200 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 06-Oct-04 | GRO (C4 - C12) | ug/L | 100 | -/- | 690 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 06-Oct-04 | Naphthalene | ug/L | 10.0 | -/- | 27.2 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 06-Oct-04 | Oil & Grease | mg/L | 5.0 | -/- | 5.6 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 06-Oct-04 | Total Dissolved Solids | mg/L | 10 | -/- | 340 | -- | 950 | | | | 1 |
| Outfall 012 | (Alfa Test Stand) | 06-Oct-04 | Total Suspended Solids | mg/L | 10 | -/- | 27 | -- | | | | | 4 |
| Outfall 012 | (Alfa Test Stand) | 06-Oct-04 | TRPH | ug/L | 1000 | -/- | 4600 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 06-Oct-04 | Turbidity | NTU | 1.0 | -/- | 31 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 20-Oct-04 | Ammonia as Nitrogen (N) | mg/L | 0.50 | -/- | 0.56 | -- | | | | | 7 |
| Outfall 012 | (Alfa Test Stand) | 20-Oct-04 | day) | mg/L | 2.0 | -/- | 2.8 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 20-Oct-04 | EFH (C13 - C22) | ug/L | 500 | -/- | 1100 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 20-Oct-04 | GRO (C4 - C12) | ug/L | 1000 | -/- | 2000 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 20-Oct-04 | Naphthalene | ug/L | 19 | -/- | 57 | ($) | | | | | |
| Outfall 012 | (Alfa Test Stand) | 20-Oct-04 | Total Dissolved Solids | mg/L | 10 | -/- | 330 | -- | 950 | | | | 1 |
| Outfall 012 | (Alfa Test Stand) | 20-Oct-04 | Total Settleable Solids | ml/l/hr | 0.10 | -/- | 0.10 | -- | 0.3 | | | 0.3 | 1 |
| Outfall 012 | (Alfa Test Stand) | 20-Oct-04 | Total Suspended Solids | mg/L | 10 | -/- | 14 | -- | | | | | 4 |
| Outfall 012 | (Alfa Test Stand) | 20-Oct-04 | TRPH | ug/L | 1000 | -/- | 6300 | -- | | | | | |

| SAMPLENAME | Site | SAMPDATE | CODE | UNITS | RL | mit L | RESULT | Qualifier | LT 001-002 | LT 003-007 | LT 008-010 | LT 015-017 | notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Outfall 012 | (Alfa Test Stand) | 20-Oct-04 | Turbidity | NTU | 1.0 | -/- | 25 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 22-Oct-04 | Ammonia as Nitrogen (N) | mg/L | 0.50 | -/- | 0.56 | -- | | | | | 7 |
| Outfall 012 | (Alfa Test Stand) | 22-Oct-04 | day) | mg/L | 2.0 | -/- | 2.3 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 22-Oct-04 | EFH (C13 - C22) | ug/L | 470 | -/- | 1200 | ($) | | | | | |
| Outfall 012 | (Alfa Test Stand) | 22-Oct-04 | GRO (C4 - C12) | ug/L | 5000 | -/- | 4100 | J (DNQ) | | | | | |
| Outfall 012 | (Alfa Test Stand) | 22-Oct-04 | Naphthalene | ug/L | 9.4 | -/- | 46 | ($) | | | | | |
| Outfall 012 | (Alfa Test Stand) | 22-Oct-04 | Oil & Grease | mg/L | 5.0 | -/- | 1.7 | J (DNQ) | | | | | |
| Outfall 012 | (Alfa Test Stand) | 22-Oct-04 | Total Dissolved Solids | mg/L | 10 | -/- | 310 | -- | 950 | | | | 1 |
| Outfall 012 | (Alfa Test Stand) | 22-Oct-04 | Total Suspended Solids | mg/L | 10 | -/- | 11 | -- | | | | | 4 |
| Outfall 012 | (Alfa Test Stand) | 22-Oct-04 | TRPH | ug/L | 1000 | -/- | 4600 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 22-Oct-04 | Turbidity | NTU | 1.0 | -/- | 15 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 12-Nov-04 | day) | mg/L | 2.0 | -/- | 1.5 | J (DNQ) | | | | | |
| Outfall 012 | (Alfa Test Stand) | 12-Nov-04 | EFH (C13 - C22) | ug/L | 500 | -/- | 780 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 12-Nov-04 | GRO (C4 - C12) | ug/L | 200 | -/- | 830 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 12-Nov-04 | Naphthalene | ug/L | 10 | -/- | 40 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 12-Nov-04 | Oil & Grease | mg/L | 5.0 | -/- | 1.1 | J (DNQ) | | | | | |
| Outfall 012 | (Alfa Test Stand) | 12-Nov-04 | Total Dissolved Solids | mg/L | 10 | -/- | 290 | -- | 950 | | | | 1 |
| Outfall 012 | (Alfa Test Stand) | 12-Nov-04 | Total Suspended Solids | mg/L | 10 | -/- | 14 | -- | | | | | 4 |
| Outfall 012 | (Alfa Test Stand) | 12-Nov-04 | TRPH | ug/L | 1000 | -/- | 4100 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 12-Nov-04 | Turbidity | NTU | 1.0 | -/- | 29 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 18-Nov-04 | day) | mg/L | 2.0 | -/- | 1.9 | J (DNQ) | | | | | |
| Outfall 012 | (Alfa Test Stand) | 18-Nov-04 | EFH (C13 - C22) | ug/L | 500 | -/- | 850 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 18-Nov-04 | GRO (C4 - C12) | ug/L | 200 | -/- | 460 | J (Q) | | | | | |
| Outfall 012 | (Alfa Test Stand) | 18-Nov-04 | Naphthalene | ug/L | 10 | -/- | 32 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 18-Nov-04 | Total Dissolved Solids | mg/L | 10 | -/- | 310 | -- | 950 | | | | 1 |
| Outfall 012 | (Alfa Test Stand) | 18-Nov-04 | Total Suspended Solids | mg/L | 10 | -/- | 27 | -- | | | | | 4 |
| Outfall 012 | (Alfa Test Stand) | 18-Nov-04 | TRPH | ug/L | 1000 | -/- | 6300 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 18-Nov-04 | Turbidity | NTU | 1.0 | -/- | 31 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 20-Nov-04 | day) | mg/L | 2.0 | -/- | 3.1 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 20-Nov-04 | EFH (C13 - C22) | ug/L | 500 | -/- | 1500 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 20-Nov-04 | GRO (C4 - C12) | ug/L | 200 | -/- | 660 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 20-Nov-04 | Naphthalene | ug/L | 10 | -/- | 47 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 20-Nov-04 | Oil & Grease | mg/L | 5.0 | -/- | 6.9 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 20-Nov-04 | Total Dissolved Solids | mg/L | 10 | -/- | 300 | -- | 950 | | | | 1 |
| Outfall 012 | (Alfa Test Stand) | 20-Nov-04 | Total Suspended Solids | mg/L | 10 | -/- | 16 | -- | | | | | 4 |
| Outfall 012 | (Alfa Test Stand) | 20-Nov-04 | TRPH | ug/L | 1000 | -/- | 7900 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 20-Nov-04 | Turbidity | NTU | 1.0 | -/- | 28 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 14-Dec-04 | day) | mg/L | 2.0 | -/- | 2.0 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 14-Dec-04 | EFH (C13 - C22) | ug/L | 500 | -/- | 760 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 14-Dec-04 | GRO (C4 - C12) | ug/L | 1000 | -/- | 1200 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 14-Dec-04 | Naphthalene | ug/L | 10 | -/- | 30 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 14-Dec-04 | Total Dissolved Solids | mg/L | 10 | -/- | 280 | -- | 950 | | | | 1 |
| Outfall 012 | (Alfa Test Stand) | 14-Dec-04 | TRPH | ug/L | 1000 | -/- | 2600 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 14-Dec-04 | Turbidity | NTU | 1.0 | -/- | 16 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Mar-05 | 2-Methylnaphthalene | ug/L | 10 | -/- | 41 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Mar-05 | Acenaphthylene | ug/L | 10 | -/- | 12 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Mar-05 | Benzene | ug/L | 1.0 | -/- | 7.1 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Mar-05 | day) | mg/L | 2.0 | -/- | 3.4 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Mar-05 | Bromodichloromethane | ug/L | 2.0 | -/- | 1.1 | J (DNQ) | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Mar-05 | Cadmium | ug/L | 5.0 | -/- | 1.4 | J (DNQ) | 4 | 4 | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Mar-05 | Chloroform | ug/L | 2.0 | -/- | 0.98 | J (DNQ) | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Mar-05 | Chromium | ug/L | 5.0 | -/- | 5.2 | -- | | | | | 6 |
| Outfall 012 | (Alfa Test Stand) | 02-Mar-05 | Copper | ug/L | 10 | -/- | 12 | -- | 14 | 14 | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Mar-05 | Dibromochloromethane | ug/L | 2.0 | -/- | 0.71 | J (DNQ) | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Mar-05 | EFH (C13 - C22) | mg/L | 0.50 | -/- | 2.2 | -- | | | | | |

**MONITORING RESULTS**
**August 24, 2004 through April 13, 2005**

| SAMPLENAME | Site | SAMPDATE | CODE | UNITS | RL | mit L | RESULT | Qualifier | LT 001-002 | LT 003-007 | LT 008-010 | LT 015-017 | notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Outfall 012 | (Alfa Test Stand) | 02-Mar-05 | Ethylbenzene | ug/L | 2.0 | -/- | 0.89 | J (DNQ) | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Mar-05 | GRO (C4 - C12) | mg/L | 1.0 | -/- | 6.6 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Mar-05 | Lead | ug/L | 5.0 | -/- | **6.0** | -- | 5.2 | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Mar-05 | Mercury | ug/L | 0.20 | -/- | 0.12 | J (DNQ) | 0.1 | 0.13 | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Mar-05 | Naphthalene | ug/L | 10 | -/- | 52 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Mar-05 | Nickel | ug/L | 10 | -/- | 4.5 | J (DNQ) | 96 | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Mar-05 | Oil & Grease | mg/L | 5.0 | -/- | 4.1 | J (DNQ) | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Mar-05 | Phenanthrene | ug/L | 10 | -/- | 4.9 | J (DNQ) | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Mar-05 | Phenol | ug/L | 10 | -/- | 7.2 | J (DNQ) | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Mar-05 | TCDD TEQ | ug/L | | -/- | **2.13E-07** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | |
| Outfall 012 | (Alfa Test Stand) | 02-Mar-05 | Toluene | ug/L | 2.0 | -/- | 3.0 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Mar-05 | Total Dissolved Solids | mg/L | 10 | -/- | 230 | -- | 950 | | | | 1 |
| Outfall 012 | (Alfa Test Stand) | 02-Mar-05 | Total Suspended Solids | mg/L | 10 | -/- | 25 | -- | | | | | 4 |
| Outfall 012 | (Alfa Test Stand) | 02-Mar-05 | Trichloroethene | ug/L | 2.0 | -/- | 0.57 | J (DNQ) | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Mar-05 | TRPH | mg/L | 1.0 | -/- | 12 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Mar-05 | Turbidity | NTU | 1.0 | -/- | 34 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Mar-05 | Xylenes (Total) | ug/L | 4.0 | -/- | 3.2 | J (DNQ) | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Mar-05 | Zinc | ug/L | 20 | -/- | 92 | -- | 119 | | | | |
| Outfall 012 | (Alfa Test Stand) | 07-Mar-05 | Ammonia as Nitrogen (N) | mg/L | 0.50 | -/- | 0.56 | -- | | | | | 7 |
| Outfall 012 | (Alfa Test Stand) | 07-Mar-05 | day) | mg/L | 2.0 | -/- | 6.9 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 07-Mar-05 | EFH (C13 - C22) | mg/L | 1.0 | -/- | 3.3 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 07-Mar-05 | GRO (C4 - C12) | mg/L | 0.50 | -/- | 7.4 | J (*11) | | | | | |
| Outfall 012 | (Alfa Test Stand) | 07-Mar-05 | Naphthalene | ug/L | 10 | -/- | 64 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 07-Mar-05 | Total Dissolved Solids | mg/L | 10 | -/- | 240 | -- | 950 | | | | 1 |
| Outfall 012 | (Alfa Test Stand) | 07-Mar-05 | Total Settleable Solids | ml/l/hr | 0.10 | -/- | 0.10 | -- | 0.3 | | | 0.3 | 1 |
| Outfall 012 | (Alfa Test Stand) | 07-Mar-05 | Total Suspended Solids | mg/L | 10 | -/- | 110 | -- | | | | | 4 |
| Outfall 012 | (Alfa Test Stand) | 07-Mar-05 | TRPH | mg/L | 1.0 | -/- | 17 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 07-Mar-05 | Turbidity | NTU | 1.0 | -/- | 33 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 24-Mar-05 | Ammonia as Nitrogen (N) | mg/L | 0.50 | -/- | 0.56 | -- | | | | | 7 |
| Outfall 012 | (Alfa Test Stand) | 24-Mar-05 | day) | mg/L | 2.0 | -/- | 3.7 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 24-Mar-05 | EFH (C13 - C22) | mg/L | 0.50 | -/- | 0.75 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 24-Mar-05 | GRO (C4 - C12) | mg/L | 1.0 | -/- | 2.9 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 24-Mar-05 | Naphthalene | ug/L | 10 | -/- | 34 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 24-Mar-05 | Oil & Grease | mg/L | 5.0 | -/- | 1.1 | J (DNQ) | | | | | |
| Outfall 012 | (Alfa Test Stand) | 24-Mar-05 | tertiary Butyl Alcohol | ug/L | 25 | -/- | 10 | (*11,DNQ) | | | | | |
| Outfall 012 | (Alfa Test Stand) | 24-Mar-05 | Total Dissolved Solids | mg/L | 10 | -/- | 170 | -- | 950 | | | | 1 |
| Outfall 012 | (Alfa Test Stand) | 24-Mar-05 | Total Suspended Solids | mg/L | 10 | -/- | 31 | -- | | | | | 4 |
| Outfall 012 | (Alfa Test Stand) | 24-Mar-05 | TRPH | mg/L | 1.0 | -/- | 5.3 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 24-Mar-05 | Turbidity | NTU | 1.0 | -/- | 23 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 30-Mar-05 | Ammonia as Nitrogen (N) | mg/L | 0.50 | -/- | 0.56 | -- | | | | | 7 |
| Outfall 012 | (Alfa Test Stand) | 30-Mar-05 | day) | mg/L | 2.0 | -/- | 4.2 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 30-Mar-05 | EFH (C13 - C22) | mg/L | 0.50 | -/- | 0.66 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 30-Mar-05 | GRO (C4 - C12) | mg/L | 0.10 | -/- | 1.4 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 30-Mar-05 | Naphthalene | ug/L | 10 | -/- | 13 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 30-Mar-05 | Oil & Grease | mg/L | 5.0 | -/- | 4.7 | J ($, DNQ) | | | | | |
| Outfall 012 | (Alfa Test Stand) | 30-Mar-05 | Total Dissolved Solids | mg/L | 10 | -/- | 180 | -- | 950 | | | | 1 |
| Outfall 012 | (Alfa Test Stand) | 30-Mar-05 | Total Suspended Solids | mg/L | 10 | -/- | 14 | -- | | | | | 4 |
| Outfall 012 | (Alfa Test Stand) | 30-Mar-05 | TRPH | mg/L | 1.0 | -/- | 4.1 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 30-Mar-05 | Turbidity | NTU | 1.0 | -/- | 20 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Apr-05 | Biochemical Oxygen Demand (BOD 5 day | mg/L | 2.0 | NA | 3.6 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Apr-05 | Oil & Grease | mg/L | 5.0 | NA | 5.5 | -- | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Apr-05 | Total Dissolved Solids | mg/L | 10 | NA | 220 | -- | 950 | | | | 1 |
| Outfall 012 | (Alfa Test Stand) | 02-Apr-05 | Total Suspended Solids | mg/L | 10 | NA | 20 | -- | | | | | 4 |
| Outfall 012 | (Alfa Test Stand) | 02-Apr-05 | Turbidity | NTU | 1.0 | NA | 32 | J (H) | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Apr-05 | Naphthalene | ug/L | 10 | NA | 22 | -- | | | | | |

**MONITORING RESULTS**
**August 24, 2004 through April 13, 2005**

| SAMPLENAME | Site | SAMPDATE | CODE | UNITS | RL | mit L | RESULT | Qualifier | LT 001-002 | LT 003-007 | LT 008-010 | LT 015-017 | notes | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Outfall 012 | (Alfa Test Stand) | 02-Apr-05 | EFH (C13 - C22) | mg/L | 0.50 | NA | 0.81 | -- | | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Apr-05 | GRO (C4 - C12) | mg/L | 0.50 | NA | 1.2 | -- | | | | | | |
| Outfall 012 | (Alfa Test Stand) | 02-Apr-05 | TRPH | mg/L | 1.0 | NA | 7.7 | -- | | | | | | |
| Outfall 012 | (Alfa Test Stand) | 13-Apr-05 | Biochemical Oxygen Demand (BOD 5 day | mg/L | 2.0 | NA | 3.8 | -- | | | | | | |
| Outfall 012 | (Alfa Test Stand) | 13-Apr-05 | Oil & Grease | mg/L | 5.0 | NA | 4.2 | J (DNQ) | | | | | | |
| Outfall 012 | (Alfa Test Stand) | 13-Apr-05 | Total Dissolved Solids | mg/L | 10 | NA | 240 | -- | 950 | | | | | 1 |
| Outfall 012 | (Alfa Test Stand) | 13-Apr-05 | Total Suspended Solids | mg/L | 10 | NA | 12 | -- | | | | | | 4 |
| Outfall 012 | (Alfa Test Stand) | 13-Apr-05 | Turbidity | NTU | 1.0 | NA | 25 | -- | | | | | | |
| Outfall 012 | (Alfa Test Stand) | 13-Apr-05 | Naphthalene | ug/L | 10 | NA | 37 | -- | | | | | | |
| Outfall 012 | (Alfa Test Stand) | 13-Apr-05 | EFH (C13 - C22) | mg/L | 0.50 | NA | 1.7 | -- | | | | | | |
| Outfall 012 | (Alfa Test Stand) | 13-Apr-05 | GRO (C4 - C12) | mg/L | 2.0 | NA | 2.5 | J (C) | | | | | | |
| Outfall 012 | (Alfa Test Stand) | 13-Apr-05 | TRPH | mg/L | 1.0 | NA | 9.8 | -- | | | | | | |
| Outfall 015- | (STP-1) | 11-Jan-05 | 2-Methylnaphthalene | ug/L | 10 | -/- | 9.8 | J (DNQ) | | | | | | |
| Outfall 015- | (STP-1) | 11-Jan-05 | Acenaphthene | ug/L | 10 | -/- | 14 | -- | | | | | | |
| Outfall 015- | (STP-1) | 11-Jan-05 | Ammonia as Nitrogen (N) | mg/L | 0.50 | -/- | 0.56 | * | | | | | | 7 |
| Outfall 015- | (STP-1) | 11-Jan-05 | Arsenic | ug/L | 5.0 | -/- | 4.8 | J (DNQ) | 50 | | | | | |
| Outfall 015- | (STP-1) | 11-Jan-05 | day) | mg/L | 2.0 | -/- | 17 | * | | | | | | |
| Outfall 015- | (STP-1) | 11-Jan-05 | Boron | mg/L | 0.050 | -/- | 0.10 | -- | | 1 | 1 | | | |
| Outfall 015- | (STP-1) | 11-Jan-05 | Butylbenzylphthalate | ug/L | 20 | -/- | 6.0 | J (DNQ) | | | | | | |
| Outfall 015- | (STP-1) | 11-Jan-05 | Cadmium | ug/L | 5.0 | -/- | 0.90 | J (DNQ) | 4 | 4 | | | | |
| Outfall 015- | (STP-1) | 11-Jan-05 | Chromium | ug/L | 5.0 | -/- | 650 | -- | | | | | | 6 |
| Outfall 015- | (STP-1) | 11-Jan-05 | Copper | ug/L | 10 | -/- | **32** | -- | 14 | 14 | | | | |
| Outfall 015- | (STP-1) | 11-Jan-05 | Dibenzofuran | ug/L | 10 | -/- | 9.8 | J (DNQ) | | | | | | |
| Outfall 015- | (STP-1) | 11-Jan-05 | Di-n-butylphthalate | ug/L | 20 | -/- | 5.8 | J (DNQ) | | | | | | |
| Outfall 015- | (STP-1) | 11-Jan-05 | Fluorene | ug/L | 10 | -/- | 6.9 | J (DNQ) | | | | | | |
| Outfall 015- | (STP-1) | 11-Jan-05 | Mercury | ug/L | 0.20 | -/- | **0.29** | -- | 0.1 | 0.13 | | | | |
| Outfall 015- | (STP-1) | 11-Jan-05 | Naphthalene | ug/L | 10 | -/- | 8.6 | J (DNQ) | | | | | | |
| Outfall 015- | (STP-1) | 11-Jan-05 | Nickel | ug/L | 10 | -/- | **830** | -- | 96 | | | | | |
| Outfall 015- | (STP-1) | 11-Jan-05 | Nitrate-N | mg/L | 0.11 | -/- | 2.2 | -- | | | | 1 | | 3 |
| Outfall 015- | (STP-1) | 11-Jan-05 | TCDD TEQ | ug/L | | -/- | **1.68E-07** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | | |
| Outfall 015- | (STP-1) | 11-Jan-05 | Total Suspended Solids | mg/L | 10 | -/- | 22 | * | | | | | | 4 |
| Outfall 015- | (STP-1) | 11-Jan-05 | Zinc | ug/L | 20 | -/- | **160** | -- | 119 | | | | | |
| Outfall 015-Grab | (STP-1) | 09-Jan-05 | Bromodichloromethane | ug/L | 2.0 | -/- | 0.66 | J (DNQ) | | | | | | |
| Outfall 015-Grab | (STP-1) | 09-Jan-05 | Chloroform | ug/L | 2.0 | -/- | 7.4 | -- | | | | | | |
| Outfall 015-Grab | (STP-1) | 09-Jan-05 | Dissolved Oxygen | mg/L | 1.0 | -/- | 7.4 | -- | | | | | | |
| Outfall 015-Grab | (STP-1) | 09-Jan-05 | Fecal Coliform | mL | | -/- | 2 | * | | | | | | |
| Outfall 015-Grab | (STP-1) | 09-Jan-05 | n-Nitrosodimethylamine | ug/L | 0.0020 | -/- | 0.0075 | -- | 16.3 | | | | | |
| Outfall 015-Grab | (STP-1) | 09-Jan-05 | Perchlorate | ug/L | 40 | -/- | **150** | J (Q) | 6 | 6 | 6 | | | |
| Outfall 015-Grab | (STP-1) | 09-Jan-05 | Total Coliform | mL | | -/- | 8 | * | | | | | | |
| Outfall 015-Grab | (STP-1) | 09-Jan-05 | Trichloroethene | ug/L | 2.0 | -/- | 1.2 | J (DNQ) | | | | | | |
| Outfall 015-Grab | (STP-1) | 10-Jan-05 | Total Coliform | mL | 2 | -/- | 23 | * | | | | | | |
| Outfall 015-Grab | (STP-1) | 10-Jan-05 | Turbidity | NTU | 1.0 | -/- | 30 | -- | | | | | | |
| Outfall 015- | (STP-1) | 11-Jan-05 | day) | mg/L | 2.0 | -/- | 14 | * | | | | | | |
| Outfall 017- | (STP-3) | 11-Jan-05 | Boron | mg/L | 0.050 | -/- | 0.093 | -- | | 1 | 1 | | | |
| Outfall 017- | (STP-3) | 11-Jan-05 | Cadmium | ug/L | 0.50 | -/- | **5.0** | J (DNQ) | 4 | 4 | | | | |
| Outfall 017- | (STP-3) | 11-Jan-05 | Chromium | ug/L | 5.0 | -/- | 110 | -- | | | | | | 6 |
| Outfall 017- | (STP-3) | 11-Jan-05 | Copper | ug/L | 10 | -/- | 7.9 | J (DNQ) | 14 | 14 | | | | |
| Outfall 017- | (STP-3) | 11-Jan-05 | Mercury | ug/L | 0.20 | -/- | **0.30** | -- | 0.1 | 0.13 | | | | |
| Outfall 017- | (STP-3) | 11-Jan-05 | Nickel | ug/L | 10 | -/- | 120 | -- | | | | | | |
| Outfall 017- | (STP-3) | 11-Jan-05 | Nitrate-N | mg/L | 0.11 | -/- | 1.6 | -- | | | | 1 | | |
| Outfall 017- | (STP-3) | 11-Jan-05 | TCDD TEQ | ug/L | | -/- | **7.60E-07** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | | |
| Outfall 017- | (STP-3) | 11-Jan-05 | Zinc | ug/L | 20 | -/- | 99 | -- | 119 | | | | | |
| Outfall 017-Grab | (STP-3) | 09-Jan-05 | Bromodichloromethane | ug/L | 2.0 | -/- | 4.7 | J (S) | | | | | | |
| Outfall 017-Grab | (STP-3) | 09-Jan-05 | Chloroform | ug/L | 2.0 | -/- | 34 | J (S) | | | | | | |
| Outfall 017-Grab | (STP-3) | 09-Jan-05 | Chromium VI | ug/L | 1.0 | -/- | 0.13 | J (DNQ) | 16.3 | | | | | |

**MONITORING RESULTS**
**August 24, 2004 through April 13, 2005**

| SAMPLENAME | Site | SAMPDATE | CODE | UNITS | RL | mit L | RESULT | Qualifier | LT 001-002 | LT 003-007 | LT 008-010 | LT 015-017 | notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Outfall 017-Grab | (STP-3) | 09-Jan-05 | Dissolved Oxygen | mg/L | 1.0 | -/- | 6.2 | -- | | | | | |
| Outfall 017-Grab | (STP-3) | 09-Jan-05 | n-Nitrosodimethylamine | ug/L | 0.0020 | -/- | 0.038 | -- | 16.3 | | | | |
| Outfall 017-Grab | (STP-3) | 09-Jan-05 | Perchlorate | ug/L | 4.0 | -/- | **43** | -- | 6 | 6 | 6 | | |
| Outfall 017-Grab | (STP-3) | 09-Jan-05 | Total Suspended Solids | mg/L | 10 | -/- | 35 | -- | | | | | 4 |
| Outfall 017-Grab | (STP-3) | 10-Jan-05 | Turbidity | NTU | 1.0 | -/- | 16 | -- | | | | | |
| Outfall 017-Grab | (STP-3) | 11-Jan-05 | Turbidity | NTU | 1.0 | -/- | 33 | -- | | | | | |
| Outfall 018 | (R-2 Spillway) | 20-Oct-04 | day) | mg/L | 2.0 | -/- | 5.0 | -- | | | | | |
| Outfall 018 | (R-2 Spillway) | 20-Oct-04 | Chloride | mg/L | 0.50 | -/- | 13 | -- | 150 | 150 | 150 | 150 | |
| Outfall 018 | (R-2 Spillway) | 20-Oct-04 | Copper | ug/L | 2.0 | -/- | 6.4 | -- | 14 | 14 | | | |
| Outfall 018 | (R-2 Spillway) | 20-Oct-04 | Lead | ug/L | 1.0 | -/- | 2.7 | -- | 5.2 | | | | |
| Outfall 018 | (R-2 Spillway) | 20-Oct-04 | Nitrate + Nitrite as Nitrogen (N) | mg/L | 0.26 | -/- | 1.0 | -- | 8 | 10 | 8 or 10 | 8 | 2 |
| Outfall 018 | (R-2 Spillway) | 20-Oct-04 | Oil & Grease | mg/L | 5.0 | -/- | 11 | -- | | | | | |
| Outfall 018 | (R-2 Spillway) | 20-Oct-04 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 270 | -- | | | | | |
| Outfall 018 | (R-2 Spillway) | 20-Oct-04 | Sulfate | mg/L | 0.50 | -/- | 40 | -- | 300 | 250 | | 300 | |
| Outfall 018 | (R-2 Spillway) | 20-Oct-04 | TCDD TEQ | ug/L | | -/- | **2.79E-06** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | |
| Outfall 018 | (R-2 Spillway) | 20-Oct-04 | Total Dissolved Solids | mg/L | 10 | -/- | 200 | -- | 950 | | | | 1 |
| Outfall 018 | (R-2 Spillway) | 20-Oct-04 | Total Suspended Solids | mg/L | 10 | -/- | 67 | -- | | | | | 4 |
| Outfall 018 | (R-2 Spillway) | 20-Oct-04 | Turbidity | NTU | 5.0 | -/- | 100 | -- | | | | | |
| Outfall 018 | (R-2 Spillway) | 27-Oct-04 | day) | mg/L | 2.0 | -/- | 3.6 | -- | | | | | |
| Outfall 018 | (R-2 Spillway) | 27-Oct-04 | bis (2-ethylhexyl) Phthalate | ug/L | 5.0 | -/- | 1.1 | J (C) | 4 | | | | |
| Outfall 018 | (R-2 Spillway) | 27-Oct-04 | Chloride | mg/L | 0.50 | -/- | 15 | -- | 150 | 150 | 150 | 150 | |
| Outfall 018 | (R-2 Spillway) | 27-Oct-04 | Copper | ug/L | 2.0 | -/- | 6.6 | -- | 14 | 14 | | | |
| Outfall 018 | (R-2 Spillway) | 27-Oct-04 | Lead | ug/L | 1.0 | -/- | 2.8 | -- | 5.2 | | | | |
| Outfall 018 | (R-2 Spillway) | 27-Oct-04 | Nitrate + Nitrite as Nitrogen (N) | mg/L | 0.26 | -/- | 1.1 | -- | 8 | 10 | 8 or 10 | 8 | 2 |
| Outfall 018 | (R-2 Spillway) | 27-Oct-04 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 330 | -- | | | | | |
| Outfall 018 | (R-2 Spillway) | 27-Oct-04 | Sulfate | mg/L | 1.0 | -/- | 64 | -- | 300 | 250 | | 300 | |
| Outfall 018 | (R-2 Spillway) | 27-Oct-04 | Surfactants (MBAS) | mg/L | 0.10 | -/- | 0.065 | J (DNQ) | | | | | |
| Outfall 018 | (R-2 Spillway) | 27-Oct-04 | TCDD TEQ | ug/L | | -/- | **6.76E-07** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | |
| Outfall 018 | (R-2 Spillway) | 27-Oct-04 | Total Dissolved Solids | mg/L | 10 | -/- | 200 | -- | 950 | | | | 1 |
| Outfall 018 | (R-2 Spillway) | 27-Oct-04 | Total Suspended Solids | mg/L | 10 | -/- | 48 | -- | | | | | 4 |
| Outfall 018 | (R-2 Spillway) | 27-Oct-04 | Turbidity | NTU | 5.0 | -/- | 86 | -- | | | | | |
| Outfall 018 | (R-2 Spillway) | 28-Dec-04 | day) | mg/L | 2.0 | -/- | 2.8 | -- | | | | | |
| Outfall 018 | (R-2 Spillway) | 28-Dec-04 | Chloride | mg/L | 0.50 | -/- | 9.9 | -- | 150 | 150 | 150 | 150 | |
| Outfall 018 | (R-2 Spillway) | 28-Dec-04 | Copper | ug/L | 2.0 | -/- | 4.8 | -- | 14 | 14 | | | |
| Outfall 018 | (R-2 Spillway) | 28-Dec-04 | Lead | ug/L | 1.0 | -/- | 2.3 | -- | 5.2 | | | | |
| Outfall 018 | (R-2 Spillway) | 28-Dec-04 | Mercury | ug/L | 0.20 | -/- | **0.26** | -- | 0.1 | 0.13 | | | |
| Outfall 018 | (R-2 Spillway) | 28-Dec-04 | Nitrate + Nitrite as Nitrogen (N) | mg/L | 0.26 | -/- | 1.2 | -- | 8 | 10 | 8 or 10 | 8 | 2 |
| Outfall 018 | (R-2 Spillway) | 28-Dec-04 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 200 | -- | | | | | |
| Outfall 018 | (R-2 Spillway) | 28-Dec-04 | Sulfate | mg/L | 0.50 | -/- | 30 | -- | 300 | 250 | | 300 | |
| Outfall 018 | (R-2 Spillway) | 28-Dec-04 | TCDD TEQ | ug/L | | -/- | **3.33E-07** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | |
| Outfall 018 | (R-2 Spillway) | 28-Dec-04 | Total Dissolved Solids | mg/L | 10 | -/- | 150 | -- | 950 | | | | 1 |
| Outfall 018 | (R-2 Spillway) | 28-Dec-04 | Trichloroethene | ug/L | 5.0 | -/- | 0.90 | J (DNQ) | | | | | |
| Outfall 018 | (R-2 Spillway) | 28-Dec-04 | Turbidity | NTU | 2.0 | -/- | 38 | -- | | | | | |
| Outfall 018 | (R-2 Spillway) | 04-Jan-05 | day) | mg/L | 2.0 | -/- | 1.5 | J (DNQ) | | | | | |
| Outfall 018 | (R-2 Spillway) | 04-Jan-05 | Chloride | mg/L | 0.50 | -/- | 8.4 | -- | 150 | 150 | 150 | 150 | |
| Outfall 018 | (R-2 Spillway) | 04-Jan-05 | Copper | ug/L | 2.0 | -/- | 3.8 | -- | 14 | 14 | | | |
| Outfall 018 | (R-2 Spillway) | 04-Jan-05 | Lead | ug/L | 1.0 | -/- | 0.65 | J (DNQ) | 5.2 | | | | |
| Outfall 018 | (R-2 Spillway) | 04-Jan-05 | Mercury | ug/L | 0.20 | -/- | **0.16** | J (DNQ) | 0.1 | 0.13 | | | |
| Outfall 018 | (R-2 Spillway) | 04-Jan-05 | Nitrate + Nitrite as Nitrogen (N) | mg/L | 0.26 | -/- | 1.1 | -- | 8 | 10 | 8 or 10 | 8 | 2 |
| Outfall 018 | (R-2 Spillway) | 04-Jan-05 | Oil & Grease | mg/L | 5.0 | -/- | 1.1 | J (DNQ) | | | | | |
| Outfall 018 | (R-2 Spillway) | 04-Jan-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 210 | -- | | | | | |
| Outfall 018 | (R-2 Spillway) | 04-Jan-05 | Sulfate | mg/L | 0.50 | -/- | 25 | -- | 300 | 250 | | 300 | |
| Outfall 018 | (R-2 Spillway) | 04-Jan-05 | Total Dissolved Solids | mg/L | 10 | -/- | 170 | -- | 950 | | | | 1 |
| Outfall 018 | (R-2 Spillway) | 04-Jan-05 | Trichloroethene | ug/L | 5.0 | -/- | 0.32 | J (DNQ) | | | | | |
| Outfall 018 | (R-2 Spillway) | 04-Jan-05 | Turbidity | NTU | 1.0 | -/- | 14 | -- | | | | | |

| SAMPLENAME | Site | SAMPDATE | CODE | UNITS | RL | mit L | RESULT | Qualifier | LT 001-002 | LT 003-007 | LT 008-010 | LT 015-017 | notes | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Outfall 018 | (R-2 Spillway) | 11-Jan-05 | day) | mg/L | 2.0 | -/- | 1.1 | J (DNQ) | | | | | | |
| Outfall 018 | (R-2 Spillway) | 11-Jan-05 | Chloride | mg/L | 0.50 | -/- | 6.0 | -- | 150 | 150 | 150 | 150 | | |
| Outfall 018 | (R-2 Spillway) | 11-Jan-05 | Copper | ug/L | 2.0 | -/- | 3.5 | -- | 14 | 14 | | | | |
| Outfall 018 | (R-2 Spillway) | 11-Jan-05 | Lead | ug/L | 1.0 | -/- | 0.82 | J (DNQ) | 5.2 | | | | | |
| Outfall 018 | (R-2 Spillway) | 11-Jan-05 | Mercury | ug/L | 0.20 | -/- | **0.16** | J (DNQ) | 0.1 | 0.13 | | | | |
| Outfall 018 | (R-2 Spillway) | 11-Jan-05 | Nitrate + Nitrite as Nitrogen (N) | mg/L | 0.26 | -/- | 0.76 | -- | 8 | 10 | 8 or 10 | 8 | | 2 |
| Outfall 018 | (R-2 Spillway) | 11-Jan-05 | Oil & Grease | mg/L | 5.0 | -/- | 17 | ($) | | | | | | |
| Outfall 018 | (R-2 Spillway) | 11-Jan-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 160 | -- | | | | | | |
| Outfall 018 | (R-2 Spillway) | 11-Jan-05 | Sulfate | mg/L | 0.50 | -/- | 14 | -- | 300 | 250 | | 300 | | |
| Outfall 018 | (R-2 Spillway) | 11-Jan-05 | TCDD TEQ | ug/L | | -/- | 1.40E-08 | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | | |
| Outfall 018 | (R-2 Spillway) | 11-Jan-05 | Total Dissolved Solids | mg/L | 10 | -/- | 140 | -- | 950 | | | | | 1 |
| Outfall 018 | (R-2 Spillway) | 11-Jan-05 | Turbidity | NTU | 1.0 | -/- | 19 | -- | | | | | | |
| Outfall 018 | (R-2 Spillway) | 11-Feb-05 | day) | mg/L | 2.0 | -/- | 2.8 | -- | | | | | | |
| Outfall 018 | (R-2 Spillway) | 11-Feb-05 | Chloride | mg/L | 0.50 | -/- | 6.2 | -- | 150 | 150 | 150 | 150 | | |
| Outfall 018 | (R-2 Spillway) | 11-Feb-05 | Copper | ug/L | 2.0 | -/- | 8.9 | -- | 14 | 14 | | | | |
| Outfall 018 | (R-2 Spillway) | 11-Feb-05 | Lead | ug/L | 1.0 | -/- | **6.0** | -- | 5.2 | | | | | |
| Outfall 018 | (R-2 Spillway) | 11-Feb-05 | Mercury | ug/L | 0.20 | -/- | **0.15** | J (DNQ) | 0.1 | 0.13 | | | | |
| Outfall 018 | (R-2 Spillway) | 11-Feb-05 | Nitrate + Nitrite as Nitrogen (N) | mg/L | 0.26 | -/- | 0.29 | -- | 8 | 10 | 8 or 10 | 8 | | 2 |
| Outfall 018 | (R-2 Spillway) | 11-Feb-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 140 | -- | | | | | | |
| Outfall 018 | (R-2 Spillway) | 11-Feb-05 | Sulfate | mg/L | 0.50 | -/- | 20 | -- | 300 | 250 | | 300 | | |
| Outfall 018 | (R-2 Spillway) | 11-Feb-05 | Surfactants (MBAS) | mg/L | 0.20 | -/- | 0.088 | J (DNQ) | | | | | | |
| Outfall 018 | (R-2 Spillway) | 11-Feb-05 | TCDD TEQ | ug/L | | -/- | **4.29E-06** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | | |
| Outfall 018 | (R-2 Spillway) | 11-Feb-05 | Total Dissolved Solids | mg/L | 10 | -/- | 110 | -- | 950 | | | | | 1 |
| Outfall 018 | (R-2 Spillway) | 11-Feb-05 | Total Suspended Solids | mg/L | 10 | -/- | 230 | -- | | | | | | 4 |
| Outfall 018 | (R-2 Spillway) | 11-Feb-05 | Turbidity | NTU | 5.0 | -/- | 100 | -- | | | | | | |
| Outfall 018 | (R-2 Spillway) | 18-Feb-05 | Barium | mg/L | 0.010 | -/- | 0.031 | -- | 1 | | | 1 | | |
| Outfall 018 | (R-2 Spillway) | 18-Feb-05 | day) | mg/L | 2.0 | -/- | 2.7 | -- | | | | | | |
| Outfall 018 | (R-2 Spillway) | 18-Feb-05 | Boron | mg/L | 0.050 | -/- | 0.050 | -- | | 1 | 1 | | | |
| Outfall 018 | (R-2 Spillway) | 18-Feb-05 | Cadmium | ug/L | 1.0 | -/- | 0.18 | J (DNQ) | 4 | 4 | | | | |
| Outfall 018 | (R-2 Spillway) | 18-Feb-05 | Chloride | mg/L | 0.50 | -/- | 8.3 | -- | 150 | 150 | 150 | 150 | | |
| Outfall 018 | (R-2 Spillway) | 18-Feb-05 | Chromium | ug/L | 5.0 | -/- | 3.3 | J (DNQ) | | | | | | 6 |
| Outfall 018 | (R-2 Spillway) | 18-Feb-05 | Cobalt | ug/L | 10 | -/- | 1.0 | J (DNQ) | | | | | | |
| Outfall 018 | (R-2 Spillway) | 18-Feb-05 | Copper | ug/L | 2.0 | -/- | 3.6 | -- | 14 | 14 | | | | |
| Outfall 018 | (R-2 Spillway) | 18-Feb-05 | Fluoride | mg/L | 0.50 | -/- | 0.20 | J (DNQ) | 1.6 | 1.6 | 1.6 | 1.6 | | |
| Outfall 018 | (R-2 Spillway) | 18-Feb-05 | Gross Alpha | pCi/L | 3.0 | -/- | 1.82 ±1.0 | J (R) | | | | | | |
| Outfall 018 | (R-2 Spillway) | 18-Feb-05 | Gross Beta | pCi/L | 4.0 | -/- | 3.97 ±1.3 | -- | | | | | | |
| Outfall 018 | (R-2 Spillway) | 18-Feb-05 | Iron | mg/L | 0.040 | -/- | **2.6** | -- | 0.3 | | | | | |
| Outfall 018 | (R-2 Spillway) | 18-Feb-05 | Lead | ug/L | 1.0 | -/- | 2.0 | -- | 5.2 | | | | | |
| Outfall 018 | (R-2 Spillway) | 18-Feb-05 | Manganese | ug/L | 20 | -/- | **93** | -- | 50 | | | | | |
| Outfall 018 | (R-2 Spillway) | 18-Feb-05 | Mercury | ug/L | 0.20 | -/- | **0.15** | J (DNQ) | 0.1 | 0.13 | | | | |
| Outfall 018 | (R-2 Spillway) | 18-Feb-05 | Nickel | ug/L | 10 | -/- | 3.1 | J (DNQ) | 96 | | | | | |
| Outfall 018 | (R-2 Spillway) | 18-Feb-05 | Nitrate + Nitrite as Nitrogen (N) | mg/L | 0.11 | -/- | 0.22 | -- | 8 | 10 | 8 or 10 | 8 | | 2 |
| Outfall 018 | (R-2 Spillway) | 18-Feb-05 | Silver | ug/L | 1.0 | -/- | 0.14 | J (DNQ) | | | | | | |
| Outfall 018 | (R-2 Spillway) | 18-Feb-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 200 | -- | | | | | | |
| Outfall 018 | (R-2 Spillway) | 18-Feb-05 | Sulfate | mg/L | 0.50 | -/- | 25 | -- | 300 | 250 | | 300 | | |
| Outfall 018 | (R-2 Spillway) | 18-Feb-05 | TCDD TEQ | ug/L | | -/- | **8.66E-07** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | | |
| Outfall 018 | (R-2 Spillway) | 18-Feb-05 | Total Dissolved Solids | mg/L | 10 | -/- | 150 | -- | 950 | | | | | 1 |
| Outfall 018 | (R-2 Spillway) | 18-Feb-05 | Total Organic Carbon | mg/L | 1.0 | -/- | 9.1 | -- | | | | | | |
| Outfall 018 | (R-2 Spillway) | 18-Feb-05 | Total Settleable Solids | ml/l/hr | 0.10 | -/- | 0.10 | -- | 0.3 | | | 0.3 | | 1 |
| Outfall 018 | (R-2 Spillway) | 18-Feb-05 | Total Suspended Solids | mg/L | 10 | -/- | 33 | -- | | | | | | 4 |
| Outfall 018 | (R-2 Spillway) | 18-Feb-05 | Turbidity | NTU | 2.0 | -/- | 50 | -- | | | | | | |
| Outfall 018 | (R-2 Spillway) | 18-Feb-05 | Vanadium | ug/L | 10 | -/- | 5.9 | J (DNQ) | | | | | | |
| Outfall 018 | (R-2 Spillway) | 18-Feb-05 | Zinc | ug/L | 20 | -/- | 31 | -- | 119 | | | | | |
| Outfall 018 | (R-2 Spillway) | 26-Feb-05 | Ammonia as Nitrogen (N) | mg/L | 0.50 | -/- | 2.5 | -- | | | | | | 7 |
| Outfall 018 | (R-2 Spillway) | 26-Feb-05 | day) | mg/L | 2.0 | -/- | 0.94 | J (DNQ) | | | | | | |

**MONITORING RESULTS**
**August 24, 2004 through April 13, 2005**

| SAMPLENAME | Site | SAMPDATE | CODE | UNITS | RL | mit L | RESULT | Qualifier | LT 001-002 | LT 003-007 | LT 008-010 | LT 015-017 | notes | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Outfall 018 | (R-2 Spillway) | 26-Feb-05 | Chloride | mg/L | 0.50 | -/- | 11 | -- | 150 | 150 | 150 | 150 | | |
| Outfall 018 | (R-2 Spillway) | 26-Feb-05 | Copper | ug/L | 2.0 | -/- | 4.7 | -- | 14 | 14 | | | | |
| Outfall 018 | (R-2 Spillway) | 26-Feb-05 | Lead | ug/L | 1.0 | -/- | 0.57 | J (DNQ) | 5.2 | | | | | |
| Outfall 018 | (R-2 Spillway) | 26-Feb-05 | Nitrate + Nitrite as Nitrogen (N) | mg/L | 0.26 | -/- | 0.47 | -- | 8 | 10 | 8 or 10 | 8 | | 2 |
| Outfall 018 | (R-2 Spillway) | 26-Feb-05 | Oil & Grease | mg/L | 5.0 | -/- | 1.1 | J (DNQ) | | | | | | |
| Outfall 018 | (R-2 Spillway) | 26-Feb-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 290 | -- | | | | | | |
| Outfall 018 | (R-2 Spillway) | 26-Feb-05 | Sulfate | mg/L | 0.50 | -/- | 32 | -- | 300 | 250 | | 300 | | |
| Outfall 018 | (R-2 Spillway) | 26-Feb-05 | TCDD TEQ | ug/L | | -/- | **1.80E-07** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | | |
| Outfall 018 | (R-2 Spillway) | 26-Feb-05 | Total Cyanide | ug/L | 5.0 | -/- | 3.5 | J (DNQ) | 8.5 | | | | | |
| Outfall 018 | (R-2 Spillway) | 26-Feb-05 | Total Dissolved Solids | mg/L | 10 | -/- | 190 | -- | 950 | | | | | 1 |
| Outfall 018 | (R-2 Spillway) | 26-Feb-05 | Trichloroethene | ug/L | 5.0 | -/- | 0.70 | J (DNQ) | | | | | | |
| Outfall 018 | (R-2 Spillway) | 26-Feb-05 | Turbidity | NTU | 1.0 | -/- | 8.4 | -- | | | | | | |
| Outfall 018 | (R-2 Spillway) | 10-Mar-05 | Ammonia as Nitrogen (N) | mg/L | 0.50 | -/- | 1.4 | -- | | | | | | 7 |
| Outfall 018 | (R-2 Spillway) | 10-Mar-05 | day) | mg/L | 2.0 | -/- | 3.6 | -- | | | | | | |
| Outfall 018 | (R-2 Spillway) | 10-Mar-05 | bis (2-ethylhexyl) Phthalate | ug/L | 5.0 | -/- | 2.2 | J (DNQ) | 4 | | | | | |
| Outfall 018 | (R-2 Spillway) | 10-Mar-05 | Chloride | mg/L | 0.50 | -/- | 24 | -- | 150 | 150 | 150 | 150 | | |
| Outfall 018 | (R-2 Spillway) | 10-Mar-05 | Copper | ug/L | 2.0 | -/- | 3.5 | -- | 14 | 14 | | | | |
| Outfall 018 | (R-2 Spillway) | 10-Mar-05 | Lead | ug/L | 1.0 | -/- | 0.74 | J (DNQ) | 5.2 | | | | | |
| Outfall 018 | (R-2 Spillway) | 10-Mar-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 470 | -- | | | | | | |
| Outfall 018 | (R-2 Spillway) | 10-Mar-05 | Sulfate | mg/L | 5.0 | -/- | 66 | -- | 300 | 250 | | 300 | | |
| Outfall 018 | (R-2 Spillway) | 10-Mar-05 | Surfactants (MBAS) | mg/L | 0.10 | -/- | 0.079 | J (DNQ) | | | | | | |
| Outfall 018 | (R-2 Spillway) | 10-Mar-05 | TCDD TEQ | ug/L | | -/- | **2.81E-07** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | | |
| Outfall 018 | (R-2 Spillway) | 10-Mar-05 | Total Dissolved Solids | mg/L | 10 | -/- | 310 | -- | 950 | | | | | 1 |
| Outfall 018 | (R-2 Spillway) | 10-Mar-05 | Trichloroethene | ug/L | 5.0 | -/- | 0.43 | J (DNQ,*1) | | | | | | |
| Outfall 018 | (R-2 Spillway) | 10-Mar-05 | Turbidity | NTU | 1.0 | -/- | 9.4 | -- | | | | | | |
| Outfall 018 | (R-2 Spillway) | 23-Mar-05 | day) | mg/L | 2.0 | -/- | 2.5 | -- | | | | | | |
| Outfall 018 | (R-2 Spillway) | 23-Mar-05 | Chloride | mg/L | 0.50 | -/- | 13 | -- | 150 | 150 | 150 | 150 | | |
| Outfall 018 | (R-2 Spillway) | 23-Mar-05 | Copper | ug/L | 2.0 | -/- | 4.7 | -- | 14 | 14 | | | | |
| Outfall 018 | (R-2 Spillway) | 23-Mar-05 | Lead | ug/L | 1.0 | -/- | 2.9 | -- | 5.2 | | | | | |
| Outfall 018 | (R-2 Spillway) | 23-Mar-05 | Specific Conductivity (Lab) | umhos/cm | 1.0 | -/- | 290 | -- | | | | | | |
| Outfall 018 | (R-2 Spillway) | 23-Mar-05 | Sulfate | mg/L | 0.50 | -/- | 35 | -- | 300 | 250 | | 300 | | |
| Outfall 018 | (R-2 Spillway) | 23-Mar-05 | Surfactants (MBAS) | mg/L | 0.10 | -/- | 0.053 | J (DNQ) | | | | | | |
| Outfall 018 | (R-2 Spillway) | 23-Mar-05 | TCDD TEQ | ug/L | | -/- | **9.38E-07** | -- | 2.80E-08 | 2.80E-08 | 2.80E-08 | | | |
| Outfall 018 | (R-2 Spillway) | 23-Mar-05 | Total Dissolved Solids | mg/L | 10 | -/- | 290 | -- | 950 | | | | | 1 |
| Outfall 018 | (R-2 Spillway) | 23-Mar-05 | Total Suspended Solids | mg/L | 10 | -/- | 59 | -- | | | | | | 4 |
| Outfall 018 | (R-2 Spillway) | 23-Mar-05 | Turbidity | NTU | 2.0 | -/- | 64 | -- | | | | | | |

Notes

1. limitations for suspended and settleable solids at 001-002 do not apply during storm events
2. limits for nitrate + nitrite – N are 8 for Outfall 008 and 10 forOutfalls 009 and 010
3. limit given is for nitrite-N (as nitrogen) (1.0 at Outfalls 015-017), but sample results reference Nitrate-n.
4. Data are for “Total Suspended Solids.” Permit limits “total dissolved solids” to 950 mg/l at 001-002, and 015-017 and to 850 mg/l at 003-007, and 009-010.
5. Limit is for total recoverable.
6. Discharger has option to meet hexavalent chromium limit for Outfalls 001-002 (16.3 microgram/l) with total chromium analysis. If total chromium exceeds hexavalent limit, it is a violation unless hexavalent limit is subsequently met in a replicate analysis for hexavalent chromium.
7. Discharger must comply with updated ammonia water quality objectives in Basin Plan, Table 3-1 (Attachment H) per Resolution 2002-01. Compliance determination requires a table look-up based on pH and temperature.