

## **DATA VALIDATION SUMMARY REPORT**

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### **TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS – JUNE-JULY 2008 BMI INDUSTRIAL COMPLEX CLARK COUNTY, NEVADA**

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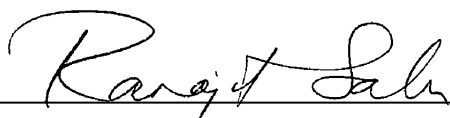
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I hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and to the best of my knowledge comply with all applicable federal, state and local statutes, regulations and ordinances. I hereby certify that all laboratory analytical data were generated by a laboratory certified by the NDEP for each constituent and media presented herein.



January 7, 2009

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## ABBREVIATION AND ACRONYM LIST

|        |   |
|--------|---|
| BEC    | Basic Environmental Company   |
| CCB    | continuing calibration blank  |
| CD     | compact disk  |
| DQI    | data quality indicator  |
| DVSR   | Data Validation Summary Report  |
| EDD    | electronic data deliverable   |
| EQuIS  | Environmental Quality Information System  |
| ERM    | Environmental Resources Management  |
| ICB    | initial calibration blank   |
| ICP/MS | inductively coupled plasma/mass spectroscopy  |
| LR     | laboratory replicates   |
| LCS    | laboratory control sample   |
| LCSD   | laboratory control sample duplicate   |
| LDC    | Laboratory Data Consultants   |
| MDA    | minimum detectable activity   |
| MDL    | Method Detection Limit  |
| MS     | matrix spike  |
| MSD    | matrix spike duplicate  |
| NDEP   | Nevada Division of Environmental Protection   |
| PAH    | polynuclear aromatic hydrocarbons   |
| PARCCS | precision, accuracy, representativeness, completeness, comparability, and sensitivity |
| PCB    | polychlorinated biphenyls   |
| PQL    | Practical Quantitation Limit  |
| QA/QC  | quality assurance/quality control   |
| QC     | quality control   |
| RPD    | relative percent difference   |
| SDG    | sample delivery group   |
| SQL    | Sample Quantitation Limit   |
| SVOC   | semivolatile organic compound   |
| TPH    | total petroleum hydrocarbons  |
| USEPA  | U.S. Environmental Protection Agency  |
| VOC    | volatile organic compound   |

## 1.0 INTRODUCTION

On behalf of Basic Environmental Company (BEC), Environmental Resources Management (ERM) has prepared this Data Validation Summary Report (DVSR) that summarizes qualified analytical data generated during the Tronox Parcels C, D, F, G and H Supplemental Investigations sampling event conducted in June and July 2008, at the BMI Industrial Complex, hereafter referred to as the Site. This report has been prepared to assess the validity (based on data validation) and usability (based on project objectives) of these analytical data for the Tronox Parcels C, D, F, G and H Investigation sampling event. This DVSR follows a format similar to that prepared by ERM for previous DVSRs. This revision of the DVSR, Revision 1, incorporates comments received from the Nevada Division of Environmental Protection (NDEP), dated November 4, 2008, on Revision 0 of the report, dated October 2008. The NDEP comments and BRC's response to these comments are included in Appendix A.

Thirty four (34) soil samples, four (4) equipment blanks, and thirteen (13) trip blanks, were collected during the course of the Tronox Parcels C, D, F, G and H Investigation sampling event (Table 1-1). The samples were analyzed for general chemistry parameters, anions, metals, hexavalent chromium perchlorate, radionuclides, volatile organic compounds, (VOCs), semivolatile organic compounds (SVOCs), dichlorobenzil, organochlorine pesticides, polynuclear aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), total petroleum hydrocarbons (TPH) gasoline, TPH extractables, oil and grease, asbestos and dioxins/furans using the methods listed in Table 1-2.

TestAmerica, located in Earth City, Missouri (St. Louis), was the primary laboratory used for the bulk of the chemical analyses. TestAmerica St. Louis was not equipped to perform select analyses and therefore enlisted TestAmerica Irvine (California) to perform the chlorite, dichlorobenzil, and hexavalent chromium analyses. General Engineering Laboratories (GEL), located in Charleston, South Carolina, performed the radionuclide analyses. EMSL, located in Westmont, New Jersey, performed the asbestos analyses.

All data were delivered either electronically on compact disc (CD) or as hard copy data deliverables and accompanied by electronic data deliverables (EDDs). Electronic deliverables from TestAmerica consisted of complete data packages, including case narrative, sample results, quality control (QC) sample summary tables, and calibration information. Electronic laboratory reports are provided in Appendix B of this report. EDDs received from TestAmerica, GEL, and EMSL were loaded into EarthSoft's Environmental Quality Information System (EQUIS) Data Management System and used for reporting. TestAmerica, GEL, and EMSL reported the sample

results in the EDDs, along with applicable laboratory qualifiers. In addition to sample results, TestAmerica, GEL, and EMSL reported associated field and laboratory QC sample results in the EDDs. An electronic database containing all data results has been provided in Appendix B. A description of each of the database fields is also provided in Appendix B.

## 1.1 VALIDATION PROCESS

Sample results were validated in accordance with the following U.S. Environmental Protection Agency (USEPA) guidance documents:

- USEPA SW-846, Third Edition, Test Methods for Evaluating Solid Waste, update 1, July 1992; update IIA, August 1993; update II, September 1994; update IIB, January 1995; update III, December 1996; update IIIA, April 1998; update IIIB, July 2005; updates IVA and IVB, January 2008 (USEPA 2008).
- USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (USEPA 1999).
- USEPA National Functional Guidelines for Low-Concentration Organic Data Review (USEPA 2001).
- USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (USEPA 2004).
- USEPA National Functional Guidelines for Chlorinated Dioxin/Furan Data Review (USEPA 2005b).

All data for the investigation were subject to review. All of the data were subject to a Level 3 review with exception of the asbestos data. Asbestos lab reports are very limited. The lab report provided was reviewed for completeness. Level 3 data validation consisted of a manual review of all parameters related to sample analysis, including holding times, instrument performance check (as applicable), initial calibration, continuing calibration, blank contamination, laboratory control sample (LCS), Matrix spike (MS) and matrix spike duplicate (MSD), surrogates and internal standards (as applicable), and compound identification. In addition to the Level 3 review, 20 percent of all data collected during the course of the investigation were subject to full Level 4 data validation. Level 4 data validation consisted of review of all parameters reviewed as part of the Level 3 review with additional review of the raw data including chromatograms, log books, quantitation reports and spectra. The criteria evaluated as part of the Level 3 and Level 4

data validation are listed in Table 1-3. Laboratory Data Consultants (LDC) was subcontracted to conduct all the data validation. Data validation reports from LDC are provided in Appendix B. Soil samples from sample delivery groups (SDGs) TestAmerica St. Louis (F8F110177, F8F120167, F8F120180, and F8F130140), GEL Laboratories, LLC (209755 and 210150) and TestAmerica Irvine (IRF1297, IRF1299, IRF1807, and IRF1296) were selected to undergo full Level 4 data validation.

TestAmerica submitted a detailed case narrative, with every data package, listing any QC criteria that were not met or any other issue that might affect data quality. In addition to the criteria listed above, each laboratory case narrative was thoroughly reviewed. Results were qualified for any issues that affected data quality listed in the laboratory case narrative.

Based on data validation and review, data qualifiers were placed in the electronic database to signify whether the data were acceptable, acceptable with qualification, or rejected. Definitions of qualifiers and reason codes used to qualify data are presented in Table 1-4. Validation qualifiers and definitions are based on those used by USEPA in the current validation guidelines (USEPA 1999, 2001, 2004) and summarized in the Standard Operation Procedure (SOP) 40 (BRC, ERM, and MWH 2007). The validated results are contained in the project database and are summarized in the attached tables.

## **1.2 REPORT ORGANIZATION**

Following this introductory section, Section 2.0 summarizes data validation and usability for data collected during the Tronox Parcels C, D, F, G and H Supplemental Investigations. Section 3.0 provides general conclusions about the usability of the dataset. The references (Section 4.0) and tables follow the conclusions and recommendations at the end of this document.



## 2.0 DATA VALIDATION SUMMARY

This section describes the data validation findings and usability with regard to the project-specific objectives. Section 2.1 summarizes the data validation findings and Section 2.2 summarizes the evaluation of the following quality indicator parameters: precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS).

### 2.1 DATA VALIDATION FINDINGS

This section summarizes all items of the validation process and discusses the effects of the findings on data quality.

#### 2.1.1 Holding Times and Sample Temperature

Holding time refers to the period of time between sample collection and the preparation and/or analysis of the sample. The accuracy of analytical results may depend upon analysis within specified holding times and sample temperature. In general, a longer holding time is assumed to result in a less accurate measurement due to the potential for loss or degradation of the analyte over time. Sample temperature is of greatest concern for VOCs that may volatilize from the sample at higher temperatures. Sample results were reviewed for compliance with the method-prescribed preparation and analysis holding times. Table 2-1 presents the holding time criteria used to validate the data.

USEPA guidance for validation allows professional judgment to be used in evaluating qualification due to holding time exceedances. Sample results that were generated after the required holding time but less than two times after the holding time were qualified as estimated (J or UJ). If the samples were prepared after two times the holding time was exceeded, non-detect results were qualified as rejected (R). Samples Rinsate 1 and Rinsate-2 required rejection of Chromium (VI) results due to exceedances greater than twice the holding time. Table 2-2 lists all sample results qualified based on holding time exceedances.

At times it was necessary for the laboratory to reanalyze samples outside of holding times when other QC parameters (surrogate recoveries, LCS recoveries, etc.) were outside of acceptance criteria. In these circumstances, the laboratory reported both results. Both results are included in the project database. However, ERM selected the best, most valid result to include in the results tables. It is possible that the most valid result could be a result analyzed outside of the prescribed holding time.

No sample results qualified based on sample temperatures or other sample conditions.

### 2.1.2 Analyte Quantitation

Quantitation limits are critical to the proper evaluation of method sensitivity and non-detect data. Three types of quantitation limits were evaluated for stable chemistries as follows:

- **Method Detection Limit (MDL)** – This limit was established by the laboratories according to the requirement in 40 CFR 136, Appendix B, and represents the minimum concentration of a substance that can be measured and reported with 99 percent confidence that the analyte concentration is greater than zero. MDLs are established using matrices with little or no interfering species using reagent matrices and are considered the lowest possible reporting limit. Often, the MDL is represented as the instrument detection limit. MDLs were included in data reports as well as the EDDs.
- **Sample Quantitation Limit (SQL)** – The SQL is defined as the MDL adjusted to reflect sample-specific actions, such as dilution or use of smaller aliquot sizes, and takes into account sample characteristics, sample preparation, and analytical adjustments. It represents the sample-specific detection limit and all non-detected results are reported to this level.
- **Practical Quantitation Limit (PQL)** – This limit is defined as the lowest level at which the entire analytical system gives a recognizable signal and acceptable calibration point for the analyte, and includes the predicted effect of sample matrices with typical interfering species. The PQL is the lowest concentration of an analyte that can be reliably measured within specified limits of precision and accuracy during routine laboratory operating conditions. PQLs are used to estimate or evaluate the minimum concentration at which the laboratory can be expected to reliably measure a specific chemical contaminant during day-to-day analyses of different sample matrices. Detected results greater than the SQL, but less than the PQL, were qualified by the laboratory as estimated.

The ‘reporting limits’ in the EDDs (as loaded into the database), in most cases, represents the SQLs for metals and PQLs for all other stable chemistries. As stated above, all results greater than the SQL and less than the PQL were qualified as estimated. During data validation, these results were qualified as estimated (Table 2-3).

For radionuclides, TestAmerica and GEL reported the minimum detectable activity (MDA) as the ‘reporting limit.’ The MDA for radionuclides is the lowest level of activity in a given sample

that is statistically distinguishable from a sample with no activity, at the 2-sigma confidence interval. The MDAs for radionuclide analysis are determined by a mathematical formula that takes into account sample volume, chemical recovery, instrument detection efficiency and background, and sample counting duration. The MDA, therefore, is equivalent to the SQL for radiochemical analytes. For radiochemical analysis, no PQL is established as all results are reported to the MDA. In addition, the 2-sigma radiological error is reported for each analyte in each sample.

### 2.1.3 Blank Samples

Blanks are artificial samples designed to evaluate the nature and extent of contamination of environmental samples that may be introduced by field or laboratory procedures. Field and laboratory blanks, consisting of contaminant-free water, were prepared and analyzed as part of standard quality assurance/quality control (QA/QC) procedures to monitor for potential contamination of field equipment, laboratory process reagents, and sample containers. For the Tronox Parcels C, D, F, G and H Supplemental Investigations, two groups of blanks were prepared and analyzed: (1) laboratory blanks (calibration and method blanks) and (2) field QC blanks (equipment rinsate and trip blanks). Each blank type is discussed in Sections 2.1.3.1 and 2.1.3.2. The assignment of validation qualifiers associated with blank contamination is discussed in Section 2.1.3.3.

#### 2.1.3.1 Laboratory Blanks

Two types of laboratory blanks were prepared and analyzed: calibration blanks and method blanks. Both types were prepared in the laboratory using high-grade, contaminant-free water.

**Calibration Blanks** - Calibration blanks are comprised of acidified high-grade contaminant-free water analyzed at the beginning (initial calibration blank [ICB]), end (continuing calibration blank [CCB]), and every 10 runs during analysis of metals by inductively coupled plasma and inductively coupled plasma/mass spectroscopy (ICP/MS). Their primary function is to initially set the calibration curve (along with calibration standards) and continually monitor the background for possible variations in instrument electronic signal or cross-contamination. ICB and CCB data are generally not provided in data summary packages or EDDs. Because full data packages were requested for this project, ICB and CCB data were provided for metals analyses in all data packages, except the EDD. As such, ICB and CCB data were only evaluated for metals data during the full data validation.

**Method Blanks** – Method blanks are laboratory QC samples that are prepared and analyzed with each batch of environmental samples. Method blanks are comprised of high-grade, contaminant free water that is carried through all preparation procedures in batches with field samples (including the addition of all reagents and QC monitoring compounds). Method blanks monitor potential contaminants in laboratory processes, reagents, and containers, and were analyzed for each analytical method used on field samples. Contaminant concentrations in blanks should be less than detection or reporting limits.

The individual samples/analytes detected in laboratory blanks which resulted in field sample results being qualified are listed in Table 2-4.

### **2.1.3.2 Field Quality Control Blanks**

Two types of field QC blanks were collected and analyzed with field samples: trip blanks and equipment rinsate blanks. Each blank type monitors the potential impact of field and transportation conditions on the collection and integrity of field samples, as discussed in the following paragraphs.

**Trip Blanks** – Trip blanks are a type of field blank prepared at the laboratory by filling a 40-milliliter vial with high-grade, contaminant-free water and sealing it with a Teflon-lined lid. Trip blanks are shipped to the field sampling location with sample containers in the shipping cooler. When samples for VOCs are collected and shipped back to the laboratory for analysis, a trip blank is transported within the shipping container back to the laboratory for analysis of VOCs. Trip blanks monitor for potential contamination of sample containers during shipment to the field, and for potential contamination of VOC samples during collection and transportation back to the laboratory.

**Equipment Rinsate Blanks** – In order to identify any carry-over affect from sampling equipment, equipment blanks were collected during sample collection activities. Equipment rinsate blanks were collected at a rate below the required 10 percent of all samples, or one blank for every 10 samples collected using non-dedicated or non-disposable equipment. Equipment rinsate blanks were analyzed for all applicable target analytes. During the drilling portion of the program, the equipment rinsate blanks for the sampling equipment were modified due to the extensive analyte list and the large number of samples collected. Four equipment rinsate blanks were collected.

The equipment rinsate blanks were prepared by pouring high-grade, contaminant-free water from a shipping container onto the non-dedicated or non-disposable sampling equipment, after decontamination between uses, and collecting it directly into sample containers. Equipment rinsate blank samples were shipped to the appropriate laboratory for analysis. Equipment rinsate blank results were submitted in hardcopy and EDD format and are available in the database.

### **2.1.3.3 Qualifications Due to Blank Contamination**

The previous subsections describe the types of blanks that were collected and analyzed with field samples during the Tronox Parcels C, D, F, G and H Supplemental Investigations. This section discusses the procedure for evaluating blank results and applying qualifiers on field data.

Table 2-4 presents data that were qualified as undetected (U) due to laboratory blank contamination (including calibration and method blanks). Table 2-5 presents data that were qualified as undetected (U) due to field blank contamination (equipment rinsate blanks). Note that not every compound detected in laboratory or field QC blanks results in qualification of data. If the criteria discussed below were not met for a given result, then no qualification was required.

Sample results that were less than five times the associated blank value (10 times for common laboratory contaminants, such as acetone, methylene chloride, and ketones) were qualified as undetected (U). Sample results that were greater than five (or 10) times the blank value were evaluated on a case-by-case basis. The current validation guideline for total metals (USEPA 2004) states that if the blank (laboratory or field QC) value is greater than the SQL but less than the PQL, all associated sample results greater than the SQL but less than the PQL will be qualified as undetected. If the blank value is greater than the SQL but less than the PQL, all associated sample results greater than the PQL will be qualified, at the discretion of the reviewer, as estimated (J) and possibly biased high.

### **2.1.4 Spike Samples**

Spike samples are environmental matrices spiked with a subset of target compounds at known concentrations. These QC samples were analyzed with project samples to measure laboratory accuracy and potential interference from the matrix. Two types of spike samples were analyzed with the project samples to monitor for potential interferences during analysis: MS samples and blank spike samples.

#### **2.1.4.1 Matrix Spike Samples**

MS and MSD samples: consist of aliquots of environmental samples spiked with a subset of target compounds. MS/MSD samples monitor potential interference from the site-specific sample matrix and its effect on target compounds.

Typically, at least one MS/MSD sample pair are prepared and analyzed with each batch of environmental samples, except for radionuclides. Data are qualified in accordance with SOP-40 (BRC, ERM, and MWH 2007). Fourteen non-detect results (of chlorite or niobium) required rejection due to very low matrix spike recoveries. Data qualified based on MS/MSD recoveries are presented in Table 2-6.

#### **2.1.4.2 Blank Spike Samples**

Blank spike samples, also known as LCS, are an aliquot of reagent soil or high-grade, contaminant free water spiked with a subset of target compounds. The LCS monitors laboratory accuracy without the bias of a sample matrix. In some cases, the LCS was analyzed in duplicate (LCSD).

When MS/MSD pairs could not be analyzed as required by the method, LCS/LCSD pairs were occasionally analyzed to demonstrate laboratory accuracy. Data are qualified in accordance with SOP-40 (BRC, ERM, and MWH 2007). Data qualified based on LCS/LCSD recoveries are presented in Table 2-7.

#### **2.1.5 Duplicate Samples**

Duplicate samples involved the preparation and analysis of an additional aliquot of a field sample. Results from duplicate sample analysis measure laboratory precision as well as homogeneity of contaminants in the field matrix. For this investigation, four types of duplicate analyses were conducted: 1) LCSD; 2) MSDs for all analyses except total radionuclides; 3) laboratory replicates (LR); and 4) field duplicates. LCSDs measure laboratory precision only. MSDs and LRs measure laboratory precision and sample homogeneity, while field duplicates are used to evaluate sampling technique precision, laboratory precision, and homogeneity of the sample matrix.

Three (3) soil field duplicates were collected during the sampling activities (TSB-FR-02-02-10 FD, TSB-GJ-09-0-FD, and TSB-DR-04W-FD).

The field duplicates were analyzed for all laboratory analyses requested for the primary samples collected.

The field duplicates were reviewed to provide an indication of the precision of the field sampling procedures. It is expected that the concentration of a given chemical in a field duplicate and the original sample should be similar, given that the samples are collected in the same location, in the same manner, and at the same time. Nonetheless, some variation is expected and the relative difference (measured as the RPD) between the samples is likely to be greater than for laboratory duplicates. The precision goal for field duplicate analyses was  $\pm 50$  percent RPD. Data qualified due to field duplicate imprecision are presented in Table 2-8.

At least one duplicate analysis (LCSD, MSD, or LR) was performed with each batch of environmental samples processed in the laboratory. The laboratory calculated the relative percent difference (RPD) between the two detected values for MSD and LR analyses. RPD values within the acceptable limits indicate both laboratory precision and minimal matrix heterogeneity of compounds detected in the samples.

RPDs for MS/MSD pairs, LCS/LCSD pairs, and LR pairs calculated by the laboratory were generally within the laboratory's acceptance criteria. Data are not qualified based on RPDs if any of the MS/MSDs or LCS/LCSDs are within acceptance limits (BRC, ERM, and MWH 2007). No results were qualified due to MS/MSD RPDs or LCS/LCSD RPDs. Data qualified due to laboratory duplicate sample imprecision are presented in Table 2-9.

### **2.1.6 Surrogate Spikes and Tracer Yields**

Surrogate spikes were prepared by adding compounds similar to target compounds of interest to sample aliquots and associated QC samples for organic analyses only. Surrogate spike recoveries monitor the efficiency of contaminant extraction from the sample medium into the instrument measuring system, and possible interference from the sample matrix that may affect the data quality of target compound results. Similarly, tracer isotopes are added to radionuclide analyses to monitor the extraction and analysis of radionuclides.

Surrogate spikes were added to each of the samples submitted for organic analysis to monitor potential interferences from the matrix. Surrogates were added to the sample aliquot during preparation of the sample for analysis and surrogate recoveries were compared with QC acceptance limits. Surrogate recoveries outside of the acceptable limits indicate interference from the sample matrix for the detection of target compounds. Results associated with unacceptable

surrogate recoveries were qualified as estimated (J or UJ). Table 2-10 lists all sample results qualified for surrogate recovery exceedances. When surrogate recoveries were less than 10 percent, associated nondetect results were qualified as rejected (R) because false negatives are a possibility. No results were rejected due to a low surrogate recovery.

Tracer isotopes were added to each of the samples submitted for analysis of uranium, radium, and thorium isotopes. Tracers were added to the sample aliquot during preparation of the sample for analysis and recoveries were compared with QC acceptance limits. Tracer recoveries below the acceptable limits indicate interference from the sample matrix for the detection of target compounds and results considered. No data were qualified due to tracer recoveries.

### **2.1.7 Calibration**

Instrument calibration data are generally not provided in data summary packages or EDDs. Review of calibration data included evaluation of initial calibrations, continuing calibrations, and results that exceeded the instrument's calibration range.

Requirements for instrument calibration ensure that the instrument is capable of producing acceptable quantitative data. Initial calibration demonstrates that the instrument is capable of acceptable performance in the beginning of analytical run. Continuing calibrations checks document satisfactory maintenance and adjustment of the instrument on a day-to-day basis. Data qualified due to initial or continuing calibration issues are included Table 2-11. Table 2-12 lists the sample results qualified due to results that exceeded the instrument's calibration range.

### **2.1.8 Internal Standards**

Internal standards were prepared for certain organic and ICP/MS analyses by adding compounds similar to target compounds of interest to sample aliquots. Internal standards are used in the quantitation of target compounds in the sample or sample extract. The evaluation of internal standards involved comparing the instrument response and retention time from the target compounds in the sample with the response and retention time of specific internal standards added to the sample extract prior to analysis. Table 2-13 lists all sample results qualified due to internal standard exceedances.

### **2.1.9 Serial Dilution**

Serial dilutions are performed by the laboratory for the analysis of metals by Inductively Coupled Plasma (ICP) or ICP/MS. The serial dilution of samples quantitated by ICP or ICP/MS



determines whether or not significant physical or chemical interferences exist due to sample matrix. Table 2-14 lists all sample results qualified due to serial dilution.

### **2.1.10 Difference between Columns**

When sample results are confirmed using two dissimilar columns or with two dissimilar detectors, the agreement between the quantitative results should be evaluated after the identification has been confirmed. The RPD between the two results is calculated to evaluate if one result is significantly higher (e.g., >40%). Table 2-15 lists all sample results qualified due to differences between columns.

## **2.2 EVALUATION OF PRECISION, ACCURACY, REPRESENTATIVENESS, COMPLETENESS, CAPABILITY, AND SENSITIVITY PARAMETERS**

Data quality indicator (DQIs) are used to verify that sampling and analytical systems used in support of project activities are effective and the quality of the data generated for this project is appropriate for making decisions affecting future activities. DQIs address the field and analytical data quality aspects as they affect uncertainties in the data collected for site characterization and risk assessment. The DQIs include PARCCS. The Quality Assurance Project Plan (BRC, ERM, and MWH 2008) provides the definitions and specific criteria for assessing DQIs using field and laboratory QC samples and is the basis for determining the overall quality of the dataset. Data validation activities included the evaluation of PARCCS parameters; all data not meeting the established PARCCS criteria were qualified during the validation process using the guidelines presented in the National Functional Guidelines for Laboratory Data Review, Organics and Inorganics and Dioxin/Furans (USEPA 1999, 2001, 2004).

### **2.2.1 Precision**

Precision is a measure of the degree of agreement between replicate measurements of the same source or sample. Precision is expressed by RPD between replicate measurements. Replicate measurements can be made on the same sample or on two samples from the same source. Precision is generally assessed using a subset of the measurements made.

The laboratory limits for precision, as measured by the RPD between LCS analyses, are the laboratory control limits, based on historical data calculated, as specified in the analytical methods. If these limits are not met, the laboratory will follow the actions specified in the analytical method and the laboratory's standard operating procedures.

Precision of a set of analyses is evaluated by determining the RPDs for MS/MSD samples for organics and duplicate samples for inorganics. Precision is calculated using the following equation, where  $X_1$  and  $X_2$  are duplicate measurements:

$$RPD(\%) = \left[ \frac{X_1 - X_2}{\left( \frac{X_1 + X_2}{2} \right)} \right] \times 100$$

As discussed above, the precision of the data was evaluated using several laboratory QC procedures.

### 2.2.2 Accuracy

Accuracy measures the level of bias that an analytical method or measurement exhibits. To measure accuracy, a standard, or reference material containing a known concentration, is analyzed or measured and the result is compared to the known value. Several QC parameters are used to evaluate the accuracy of reported analytical results

- Holding times and sample temperatures
- LCS percent recovery
- MS/MSD percent recovery (organics)
- Spike sample recovery (inorganics)
- Surrogate spike recovery
- Blank sample results.

The results of ERM's analysis of accuracy are presented in Section 2.1 above. The analytes and associated samples impacted by the variances in the MS recoveries can be found in Table 2-6. Sample results associated with low spike recoveries are likely underestimated and have been qualified with the “-” flag indicating that the results are biased low. Likewise, sample results associated with high spike recoveries have been qualified with the “+” flag indicating that the results are biased high. Data were qualified as rejected (R) based on National Functional Guidelines because false negatives are a possibility.

**Surrogate Recovery** - Surrogate spike recovery is used to evaluate the accuracy of reported measurements. A surrogate standard is a distinct chemical that behaves similarly to the target chemical and is purposely added to the sample prior to cleanup and extraction. The surrogate spike recovery is used to assess recovery of the target chemical from the sample matrix. A

known amount of a surrogate standard is added to the sample prior to cleanup. The amount of the surrogate detected in the analysis is compared to the amount added and the percent recovery is determined. Accuracy is calculated as follows:

$$\% R = \left[ \frac{X - T}{K} \right] \times 100$$

where:

- R = recovery
- X = analytical result of spike sample
- T = analytical result of the un-spiked aliquot
- K = known addition of the spiked compound

Table 2-10 lists all sample results qualified for surrogate recovery exceedances. Sample results associated with low surrogate recoveries are likely underestimated and have been qualified with the “-” flag indicating that the results are biased low. Likewise, sample results associated with high surrogate recoveries have been qualified with the “+” flag indicating that the results are biased high. When surrogate recoveries were less than 10 percent, associated non-detect results were qualified as rejected (R) because false negatives are a possibility. No sample results required rejection in this DVSR due to surrogate recoveries.

**Blanks** - Accuracy is also evaluated by comparing results for the analysis of blank samples to results for investigative samples. Blanks are artificial samples designed to evaluate the nature and extent of contamination of environmental samples that may be introduced by field or laboratory procedures. Contaminant concentrations in blanks should be less than detection or reporting limits.

Tables 2-4 and 2-5 present data that were qualified as anomalous (U) due to blank contamination (including calibration and method blanks, as well as trip blanks and equipment rinsate blanks). The presence of blank contamination results in the potential overestimation of results. Samples were qualified as anomalous (U) as discussed in Section 2.1.3.3.

### 2.2.3 Representativeness

Representativeness is a qualitative parameter and is defined by the degree to which data accurately and precisely represent a characteristic of a population, parameter variations at a sampling point, or a process or environmental condition. There is no standard method or formula

for evaluating representativeness, which is a qualitative term. Representativeness is achieved through selection of sampling locations that are appropriate relative to the objective of the specific sampling task and by collection of an adequate number of samples from the relevant types of locations. Sample results were evaluated for representativeness by examining items related to sample collection, including chain-of-custody documentation, sample labeling, collection dates, and condition of the samples upon receipt at the laboratory. Laboratory procedures also were examined, including anomalies reported by the laboratory, either upon receipt of the samples at the laboratory or during analytical processes; adherence to recommended holding times of samples prior to analysis; calibration of laboratory instruments; adherence to analytical methods; and completeness of data package documentation.

#### **2.2.4 Completeness**

Completeness is commonly expressed as a percentage of measurements that are valid and usable relative to the total number of total measurements made. Analytical completeness is a measure of the number of overall accepted analytical results, including estimated values, compared to the total number of analytical results requested on samples submitted for analysis after review of the analytical data. 'R' flagged data were invalid and rejected for use. Overall completeness for this dataset was calculated as 99.8 percent.

#### **2.2.5 Comparability**

Comparability is a qualitative characteristic expressing the confidence with which one dataset can be compared to another. The desire for comparability is the basis for specifying the analytical methods listed in Table 1-2; these methods are generally consistent with those used in previous investigations of the Site. The comparability goal is achieved by using standard techniques to collect and analyze representative samples, and reporting analytical results in appropriate units. Only when precision and accuracy are known can datasets be compared with confidence.

While multiple laboratories were used for this project, each laboratory was subcontracted to perform certain analyses. Therefore, the same laboratory was always responsible for performing the same analyses.

## 2.2.6 Sensitivity

Sensitivity is the measure of the signal from an instrument that represents an actual deflection or response above instrument noise. Analytical sensitivity is measured by the MDL and is reported with the necessary dilution factors, preparation factors, and dry-weight factors of an individual sample as the SQL. The sensitivity requirements were based on the laboratory's ability to detect and report consistent and reliable limits.

Dilutions were required for numerous analytes. Whenever the concentration exceeded the linear range of the instrumentation, dilutions were analyzed. Results from sample dilutions were reported, when appropriate, in the electronic database included in Appendix B.

### 3.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the evaluation of the dataset, 99.8 percent of the data obtained during the field investigation are valid (that is, not rejected) and acceptable for their intended use. All data qualified during the review process is summarized in Table 3-1. Data results qualified by the laboratory with only 'U', as a result of being non-detect, are not included in Table 3-1. All data results, including non-detect data, are included in the Appendix B of this report. Rejected data are summarized in Table 3-2. Electronic versions of all laboratory data reports, as well as data validation reports, are provided in Appendix B.

All analyses were performed as requested on the chain-of-custody. No assumptions of data quality were made based on information that was not provided. Some data were qualified based on the data review. All data results qualified with 'J', 'U' or 'UJ' are considered valid and acceptable for their intended use. All data results qualified with 'R' are considered invalid and are rejected for use.

Limitations on data usability for future purposes may arise, but are not addressed in the scope of this document. These limitations will be identified through subsequent data evaluations and mitigated where possible, as appropriate.

#### 4.0 REFERENCES

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## TABLES



**TABLE 1-1**  
**SAMPLE ANALYSIS SUMMARY**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
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| LAB          | LAB SAMP ID   | LAB ID    | Parcel Location | SAMPLE ID       | MATRIX | SAMPLE/MATRIX NUMBER | SAMPLE DATE | SAMPLE TIME | Anions | Metals | PAHs | SVOCs | VOCs | Dioxins/Furans | TPH Gasoline | TPH Extractables | Oil and Grease | PCBS | OCFs | Percent Moisture | Asbestos | Radionuclides | Perchlorate | Hexavalent Chromium | Dichlorobenzil | Chlorite |
|--------------|---------------|-----------|-----------------|-----------------|--------|----------------------|-------------|-------------|--------|--------|------|-------|------|----------------|--------------|------------------|----------------|------|------|------------------|----------|---------------|-------------|---------------------|----------------|----------|
| GEL          | 210334-001    | 210334    | C               | TSB-CJ-09-0     | S      | SS1                  | 06/12/08    | 8:15        |        |        |      |       |      |                |              |                  |                |      |      |                  |          |               |             |                     |                |          |
| TA-St. Louis | F8F130140-004 | F8F130140 | C               | TSB-CJ-09-0     | S      | SS1                  | 06/12/08    | 8:15        | X      | X      | X    | X     | X    | X              | X            | X                | X              | X    | X    | X                |          | X             | X           |                     |                |          |
| TA-Irvine    | IRF1807-01    | IRF1807   | C               | TSB-CJ-09-0     | S      | SS1                  | 06/12/08    | 8:15        |        |        |      |       |      |                |              |                  |                |      |      | X                |          |               |             | X                   | X              | X        |
| GEL          | 210334-002    | 210334    | C               | TSB-CJ-09-10    | S      | SS2                  | 06/12/08    | 8:40        |        |        |      |       |      |                |              |                  |                |      |      |                  |          | X             | X           |                     |                |          |
| TA-St. Louis | F8F130140-008 | F8F130140 | C               | TSB-CJ-09-10    | S      | SS2                  | 06/12/08    | 8:40        | X      | X      | X    | X     | X    | X              | X            | X                | X              | X    | X    | X                |          |               |             |                     |                |          |
| TA-Irvine    | IRF1807-02    | IRF1807   | C               | TSB-CJ-09-10    | S      | SS2                  | 06/12/08    | 8:40        |        |        |      |       |      |                |              |                  |                |      |      | X                |          |               |             | X                   | X              | X        |
| EMSL         | 40817194-0003 | 40817194  | C               | TSB-CJ-10       | S      | SS3                  | 07/08/08    | 14:09       |        |        |      |       |      |                |              |                  |                |      |      |                  | X        |               |             |                     |                |          |
| EMSL         | 40817194-0004 | 40817194  | C               | TSB-CJ-11       | S      | SS4                  | 07/08/08    | 14:16       |        |        |      |       |      |                |              |                  |                |      |      |                  | X        |               |             |                     |                |          |
| EMSL         | 40813654-0001 | 40813654  | D               | TSB-DR-04E      | S      | SS5                  | 06/05/08    | 7:35        |        |        |      |       |      |                |              |                  |                |      |      |                  | X        |               |             |                     |                |          |
| EMSL         | 40813654-0002 | 40813654  | D               | TSB-DR-04W      | S      | SS6                  | 06/05/08    | 7:39        |        |        |      |       |      |                |              |                  |                |      |      |                  | X        |               |             |                     |                |          |
| EMSL         | 40813654-0003 | 40813654  | D               | TSB-DR-04W-FD   | S      | SS7                  | 06/05/08    | 7:39        |        |        |      |       |      |                |              |                  |                |      |      |                  | X        |               |             |                     |                |          |
| GEL          | 209755-006    | 209755    | F               | TSB-FJ-02-02-0  | S      | SS8                  | 06/04/08    | 10:15       |        |        |      |       |      |                |              |                  |                |      |      |                  |          | X             | X           |                     |                |          |
| TA-St. Louis | F8F050256-002 | F8F050256 | F               | TSB-FJ-02-02-0  | S      | SS8                  | 06/04/08    | 10:15       | X      | X      | X    | X     | X    | X              | X            | X                | X              | X    | X    | X                |          |               |             |                     |                |          |
| TA-Irvine    | IRF0782-02    | IRF0782   | F               | TSB-FJ-02-02-0  | S      | SS8                  | 06/04/08    | 10:15       |        |        |      |       |      |                |              |                  |                |      |      | X                |          |               |             | X                   | X              | X        |
| GEL          | 210150-008    | 210150    | F               | TSB-FJ-02-02-10 | S      | SS9                  | 06/10/08    | 12:05       |        |        |      |       |      |                |              |                  |                |      |      |                  |          | X             | X           |                     |                |          |
| TA-St. Louis | F8F110177-003 | F8F110177 | F               | TSB-FJ-02-02-10 | S      | SS9                  | 06/10/08    | 12:05       | X      | X      | X    | X     | X    | X              | X            | X                | X              | X    | X    | X                |          |               |             |                     |                |          |
| GEL          | 210228-009    | 210228    | G               | RINSATE 1       | WQ     | EB1                  | 06/11/08    | 15:00       |        |        |      |       |      |                |              |                  |                |      |      |                  |          | X             | X           |                     |                |          |
| GEL          | 210228-009    | 210228    | C               | RINSATE-1       | WQ     | EB1                  | 06/11/08    | 15:00       |        |        |      |       |      |                |              |                  |                |      |      |                  |          | X             | X           |                     |                |          |
| TA-Irvine    | IRF1298-03    | IRF1298   | F               | TSB-FJ-02-02-10 | S      | SS9                  | 06/10/08    | 12:05       |        |        |      |       |      |                |              |                  |                |      |      | X                |          |               |             | X                   | X              | X        |
| GEL          | 210150-009    | 210150    | F               | TSB-FJ-02-02-20 | S      | SS10                 | 06/10/08    | 12:30       |        |        |      |       |      |                |              |                  |                |      |      |                  |          | X             | X           |                     |                |          |
| TA-St. Louis | F8F110177-004 | F8F110177 | F               | TSB-FJ-02-02-20 | S      | SS10                 | 06/10/08    | 12:30       | X      | X      | X    | X     | X    | X              | X            | X                | X              | X    | X    | X                |          |               |             |                     |                |          |
| TA-Irvine    | IRF1298-04    | IRF1298   | F               | TSB-FJ-02-02-20 | S      | SS10                 | 06/10/08    | 12:30       |        |        |      |       |      |                |              |                  |                |      |      | X                |          |               |             | X                   | X              | X        |
| GEL          | 210150-010    | 210150    | F               | TSB-FJ-02-02-30 | S      | SS11                 | 06/10/08    | 12:50       |        |        |      |       |      |                |              |                  |                |      |      |                  |          | X             | X           |                     |                |          |
| TA-St. Louis | F8F110177-005 | F8F110177 | F               | TSB-FJ-02-02-30 | S      | SS11                 | 06/10/08    | 12:50       | X      | X      | X    | X     | X    | X              | X            | X                | X              | X    | X    | X                |          |               |             |                     |                |          |
| TA-Irvine    | IRF1298-05    | IRF1298   | F               | TSB-FJ-02-02-30 | S      | SS11                 | 06/10/08    | 12:50       |        |        |      |       |      |                |              |                  |                |      |      | X                |          |               |             | X                   | X              | X        |
| GEL          | 210150-001    | 210150    | F               | TSB-FJ-06-02-10 | S      | SS12                 | 06/10/08    | 7:45        |        |        |      |       |      |                |              |                  |                |      |      |                  |          | X             | X           |                     |                |          |
| GEL          | 210334-003    | 210334    | C               | RINSATE-2       | WQ     | EB3                  | 06/12/08    | 14:00       |        |        |      |       |      |                |              |                  |                |      |      |                  |          | X             | X           |                     |                |          |
| TA-St. Louis | F8F110173-001 | F8F110173 | F               | TSB-FJ-06-02-10 | S      | SS12                 | 06/10/08    | 7:45        | X      | X      | X    | X     | X    | X              | X            | X                | X              | X    | X    | X                |          |               |             |                     |                |          |
| TA-Irvine    | IRF1297-01    | IRF1297   | F               | TSB-FJ-06-02-10 | S      | SS12                 | 06/10/08    | 7:45        |        |        |      |       |      |                |              |                  |                |      |      | X                |          |               |             | X                   | X              | X        |
| GEL          | 210150-002    | 210150    | F               | TSB-FJ-06-02-20 | S      | SS13                 | 06/10/08    | 8:15        |        |        |      |       |      |                |              |                  |                |      |      |                  |          | X             | X           |                     |                |          |
| TA-St. Louis | F8F110173-002 | F8F110173 | F               | TSB-FJ-06-02-20 | S      | SS13                 | 06/10/08    | 8:15        | X      | X      | X    | X     | X    | X              | X            | X                | X              | X    | X    | X                |          |               |             |                     |                |          |
| TA-Irvine    | IRF1297-02    | IRF0782   | F               | TSB-FJ-06-02-20 | S      | SS13                 | 06/10/08    | 8:15        |        |        |      |       |      |                |              |                  |                |      |      | X                |          |               |             | X                   | X              | X        |
| GEL          | 210150-003    | 210150    | F               | TSB-FJ-06-02-30 | S      | SS14                 | 06/10/08    | 8:30        |        |        |      |       |      |                |              |                  |                |      |      |                  |          | X             | X           |                     |                |          |

**TABLE 1-1**  
**SAMPLE ANALYSIS SUMMARY**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
**(Page 2 of 4)**

| LAB          | LAB SAMP ID   | LAB ID    | Parcel Location | SAMPLE ID          | MATRIX | SAMPLE/MATRIX NUMBER | SAMPLE DATE | SAMPLE TIME | Anions | Metals | PAHs | SVOCs | VOCs | Dioxins/Furans | TPH Gasoline | TPH Extractables | Oil and Grease | PCBS | OCFs | Percent Moisture | Asbestos | Radionuclides | Perchlorate | Hexavalent Chromium | Dichlorobenzil | Chlorite |
|--------------|---------------|-----------|-----------------|--------------------|--------|----------------------|-------------|-------------|--------|--------|------|-------|------|----------------|--------------|------------------|----------------|------|------|------------------|----------|---------------|-------------|---------------------|----------------|----------|
| TA-St. Louis | F8F110173-003 | F8F110173 | F               | TSB-FJ-06-02-30    | S      | SS14                 | 06/10/08    | 8:30        | X      | X      | X    | X     | X    | X              | X            | X                | X              | X    | X    | X                |          |               |             | X                   | X              | X        |
| TA-Irvine    | IRF1297-03    | IRF0782   | F               | TSB-FJ-06-02-30    | S      | SS14                 | 06/10/08    | 8:30        |        |        |      |       |      |                |              |                  |                |      |      | X                |          |               |             |                     |                |          |
| GEL          | 209755-004    | 209755    | F               | TSB-FJ-06-2-0      | S      | SS15                 | 06/04/08    | 10:00       |        |        |      |       |      |                |              |                  |                |      |      |                  |          | X             | X           |                     |                |          |
| TA-St. Louis | F8F050256-006 | F8F050256 | F               | TSB-FJ-06-2-0      | S      | SS15                 | 06/04/08    | 10:00       | X      | X      | X    | X     | X    | X              | X            | X                | X              | X    | X    | X                |          |               |             |                     |                |          |
| TA-Irvine    | IRF0782-06    | IRF0782   | F               | TSB-FJ-06-2-0      | S      | SS15                 | 06/04/08    | 10:00       |        |        |      |       |      |                |              |                  |                |      |      | X                |          |               |             | X                   | X              | X        |
| GEL          | 209755-005    | 209755    | F               | TSB-FR-02-02-0     | S      | SS16                 | 06/04/08    | 10:10       |        |        |      |       |      |                |              |                  |                |      |      |                  |          | X             | X           |                     |                |          |
| TA-St. Louis | F8F050256-019 | F8F050256 | G               | RINSATE 1          | WQ     | EB2                  | 06/04/08    | 16:00       |        |        |      |       | X    |                |              |                  |                |      |      |                  |          |               |             |                     |                |          |
| TA-St. Louis | F8F050256-019 | F8F050256 | F               | RINSATE-1          | WQ     | EB2                  | 06/04/08    | 16:00       | X      | X      |      | X     |      |                |              |                  |                |      |      |                  |          |               |             |                     |                |          |
| TA-St. Louis | F8F050256-017 | F8F050256 | F               | TB-1               | WQ     | TB1                  | 06/04/08    | 14:20       |        |        |      |       | X    |                |              |                  |                |      |      |                  |          |               |             |                     |                |          |
| TA-St. Louis | F8F050256-017 | F8F050256 | G               | TB-1               | WQ     | TB1                  | 06/04/08    | 14:20       |        |        |      |       | X    |                |              |                  |                |      |      |                  |          |               |             |                     |                |          |
| TA-St. Louis | F8F050256-014 | F8F050256 | F               | TB-2               | WQ     | TB2                  | 06/04/08    | 14:20       |        |        |      |       | X    |                |              |                  |                |      |      |                  |          |               |             |                     |                |          |
| TA-St. Louis | F8F050256-014 | F8F050256 | G               | TB-2               | WQ     | TB2                  | 06/04/08    | 14:20       |        |        |      |       | X    |                |              |                  |                |      |      |                  |          |               |             |                     |                |          |
| TA-St. Louis | F8F050256-016 | F8F050256 | F               | TB-3               | WQ     | TB3                  | 06/04/08    | 14:20       |        |        |      |       | X    |                |              |                  |                |      |      |                  |          |               |             |                     |                |          |
| TA-St. Louis | F8F050256-016 | F8F050256 | G               | TB-3               | WQ     | TB3                  | 06/04/08    | 14:20       |        |        |      |       | X    |                |              |                  |                |      |      |                  |          |               |             |                     |                |          |
| TA-St. Louis | F8F050256-015 | F8F050256 | F               | TB-4               | WQ     | TB4                  | 06/04/08    | 14:20       |        |        |      |       | X    |                |              |                  |                |      |      |                  |          |               |             |                     |                |          |
| TA-St. Louis | F8F050256-015 | F8F050256 | G               | TB-4               | WQ     | TB4                  | 06/04/08    | 14:20       |        |        |      |       | X    |                |              |                  |                |      |      |                  |          |               |             |                     |                |          |
| TA-St. Louis | F8F050256-018 | F8F050256 | F               | TB-5               | WQ     | TB5                  | 06/04/08    | 14:20       |        |        |      |       | X    |                |              |                  |                |      |      |                  |          |               |             |                     |                |          |
| TA-St. Louis | F8F050256-018 | F8F050256 | G               | TB-5               | WQ     | TB5                  | 06/04/08    | 14:20       |        |        |      |       | X    |                |              |                  |                |      |      |                  |          |               |             |                     |                |          |
| TA-St. Louis | F8F050256-001 | F8F050256 | F               | TSB-FR-02-02-0     | S      | SS16                 | 06/04/08    | 10:10       | X      | X      | X    | X     | X    | X              | X            | X                | X              | X    | X    | X                |          |               |             | X                   | X              | X        |
| TA-Irvine    | IRF0782-01    | IRF0782   | F               | TSB-FR-02-02-0     | S      | SS16                 | 06/04/08    | 10:10       |        |        |      |       |      |                |              |                  |                |      |      | X                |          |               |             | X                   | X              | X        |
| GEL          | 210150-004    | 210150    | F               | TSB-FR-02-02-10    | S      | SS17                 | 06/10/08    | 9:35        |        |        |      |       |      |                |              |                  |                |      |      |                  |          | X             | X           |                     |                |          |
| TA-St. Louis | F8F110173-004 | F8F110173 | F               | TSB-FR-02-02-10    | S      | SS17                 | 06/10/08    | 9:35        | X      | X      | X    | X     | X    | X              | X            | X                | X              | X    | X    | X                |          |               |             |                     |                |          |
| TA-Irvine    | IRF1297-04    | IRF0782   | F               | TSB-FR-02-02-10    | S      | SS17                 | 06/10/08    | 9:35        |        |        |      |       |      |                |              |                  |                |      |      | X                |          |               | X           | X                   | X              |          |
| GEL          | 210150-005    | 210150    | F               | TSB-FR-02-02-10 FD | S      | SS18                 | 06/10/08    | 9:35        |        |        |      |       |      |                |              |                  |                |      |      |                  |          | X             | X           |                     |                |          |
| TA-St. Louis | F8F110173-006 | F8F110173 | F               | TB-1-6/10/08       | WQ     | TB6                  | 06/10/08    | 14:00       |        |        |      |       | X    |                |              |                  |                |      |      |                  |          |               |             |                     |                |          |
| TA-St. Louis | F8F110173-005 | F8F110173 | F               | TSB-FR-02-02-10 FD | S      | SS18                 | 06/10/08    | 9:35        | X      | X      | X    | X     | X    | X              | X            | X                | X              | X    | X    | X                |          |               |             |                     |                |          |
| TA-Irvine    | IRF1297-05    | IRF0782   | F               | TSB-FR-02-02-10 FD | S      | SS18                 | 06/10/08    | 9:35        |        |        |      |       |      |                |              |                  |                |      |      | X                |          |               | X           | X                   | X              |          |
| GEL          | 210150-006    | 210150    | F               | TSB-FR-02-02-20    | S      | SS19                 | 06/10/08    | 10:15       |        |        |      |       |      |                |              |                  |                |      |      |                  |          | X             | X           |                     |                |          |
| TA-St. Louis | F8F110177-001 | F8F110177 | F               | TSB-FR-02-02-20    | S      | SS19                 | 06/10/08    | 10:15       | X      | X      | X    | X     | X    | X              | X            | X                | X              | X    | X    | X                |          |               |             |                     |                |          |
| TA-Irvine    | IRF1298-01    | IRF1298   | F               | TSB-FR-02-02-20    | S      | SS19                 | 06/10/08    | 10:15       |        |        |      |       |      |                |              |                  |                |      |      | X                |          |               | X           | X                   | X              |          |
| TA-St. Louis | F8F110177-006 | F8F110177 | F               | TB-2-6/10/08       | WQ     | TB7                  | 06/10/08    | 14:00       |        |        |      |       | X    |                |              |                  |                |      |      |                  |          |               |             |                     |                |          |
| GEL          | 210150-007    | 210150    | F               | TSB-FR-02-02-30    | S      | SS20                 | 06/10/08    | 10:40       |        |        |      |       |      |                |              |                  |                |      |      |                  |          | X             | X           |                     |                |          |
| TA-St. Louis | F8F110177-002 | F8F110177 | F               | TSB-FR-02-02-30    | S      | SS20                 | 06/10/08    | 10:40       | X      | X      | X    | X     | X    | X              | X            | X                | X              | X    | X    | X                |          |               |             |                     |                |          |

**TABLE 1-1**  
**SAMPLE ANALYSIS SUMMARY**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
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| LAB          | LAB SAMP ID   | LAB ID    | Parcel Location | SAMPLE ID       | MATRIX | SAMPLE/MATRIX NUMBER | SAMPLE DATE | SAMPLE TIME | Anions | Metals | PAHs | SVOCs | VOCs | Dioxins/Furans | TPH Gasoline | TPH Extractables | Oil and Grease | PCBS | OCFs | Percent Moisture | Asbestos | Radionuclides | Perchlorate | Hexavalent Chromium | Dichlorobenzil | Chlorite |  |  |
|--------------|---------------|-----------|-----------------|-----------------|--------|----------------------|-------------|-------------|--------|--------|------|-------|------|----------------|--------------|------------------|----------------|------|------|------------------|----------|---------------|-------------|---------------------|----------------|----------|--|--|
| TA-Irvine    | IRF1298-02    | IRF1298   | F               | TSB-FR-02-02-30 | S      | SS20                 | 06/10/08    | 10:40       |        |        |      |       |      |                |              |                  |                |      |      | X                |          |               |             | X                   | X              | X        |  |  |
| EMSL         | 40813654-0006 | 40813654  | G               | TSB-GJ-08       | S      | SS21                 | 06/05/08    | 9:30        |        |        |      |       |      |                |              |                  |                |      |      |                  | X        |               |             |                     |                |          |  |  |
| GEL          | 209755-003    | 209755    | G               | TSB-GJ-08-0     | S      | SS21                 | 06/04/08    | 9:30        |        |        |      |       |      |                |              |                  |                |      |      |                  |          | X             | X           |                     |                |          |  |  |
| TA-St. Louis | F8F120137-001 | F8F120137 | G               | RINSATE 1       | WQ     | EB1                  | 06/11/08    | 15:00       | X      | X      | X    | X     | X    | X              | X            | X                | X              | X    | X    |                  |          |               |             |                     |                |          |  |  |
| TA-St. Louis | F8F120137-002 | F8F120137 | G               | TB-3            | WQ     | TB8                  | 06/11/08    | 15:00       |        |        |      |       | X    |                |              |                  |                |      |      |                  |          |               |             |                     |                |          |  |  |
| TA-St. Louis | F8F120167-005 | F8F120167 | G               | TB-1-6/11/08    | WQ     | TB9                  | 06/11/08    | 12:00       |        |        |      |       | X    |                |              |                  |                |      |      |                  |          |               |             |                     |                |          |  |  |
| TA-St. Louis | F8F050256-005 | F8F050256 | G               | TSB-GJ-08-0     | S      | SS21                 | 06/04/08    | 9:30        | X      | X      | X    | X     | X    | X              | X            | X                | X              | X    | X    | X                | X        |               |             |                     |                |          |  |  |
| TA-Irvine    | IRF0782-05    | IRF0782   | G               | TSB-GJ-08-0     | S      | SS21                 | 06/04/08    | 9:30        |        |        |      |       |      |                |              |                  |                |      |      |                  |          |               |             | X                   | X              | X        |  |  |
| GEL          | 210228-001    | 210228    | G               | TSB-GJ-08-10    | S      | SS22                 | 06/11/08    | 8:15        |        |        |      |       |      |                |              |                  |                |      |      |                  |          | X             | X           |                     |                |          |  |  |
| TA-St. Louis | F8F120167-001 | F8F120167 | G               | TSB-GJ-08-10    | S      | SS22                 | 06/11/08    | 8:15        | X      | X      | X    | X     | X    | X              | X            | X                | X              | X    | X    | X                | X        |               |             |                     |                |          |  |  |
| TA-St. Louis | F8F120180-005 | F8F120180 | G               | TB-2-6/11/08    | WQ     | TB10                 | 06/11/08    | 12:00       |        |        |      |       | X    |                |              |                  |                |      |      |                  |          |               |             | X                   | X              | X        |  |  |
| TA-Irvine    | IRF1299-01    | IRF1299   | G               | TSB-GJ-08-10    | S      | SS22                 | 06/11/08    | 8:15        |        |        |      |       |      |                |              |                  |                |      |      | X                |          |               |             | X                   | X              | X        |  |  |
| GEL          | 210228-002    | 210228    | G               | TSB-GJ-08-20    | S      | SS23                 | 06/11/08    | 9:00        |        |        |      |       |      |                |              |                  |                |      |      |                  |          | X             | X           |                     |                |          |  |  |
| TA-St. Louis | F8F120167-002 | F8F120167 | G               | TSB-GJ-08-20    | S      | SS23                 | 06/11/08    | 9:00        | X      | X      | X    | X     | X    | X              | X            | X                | X              | X    | X    | X                | X        |               |             |                     |                |          |  |  |
| TA-Irvine    | IRF1299-02    | IRF1299   | G               | TSB-GJ-08-20    | S      | SS23                 | 06/11/08    | 9:00        |        |        |      |       |      |                |              |                  |                |      |      | X                |          |               |             | X                   | X              | X        |  |  |
| TA-St. Louis | F8F130140-003 | F8F130140 | C               | RINSATE-1       | WQ     | EB4                  | 06/12/08    | 12:30       | X      | X      |      | X     |      |                |              |                  |                |      | X    |                  |          |               |             |                     |                |          |  |  |
| TA-St. Louis | F8F130140-001 | F8F130140 | C               | RINSATE-2       | WQ     | EB3                  | 06/12/08    | 14:00       | X      | X      | X    | X     | X    | X              | X            | X                | X              | X    | X    |                  |          |               |             |                     |                |          |  |  |
| TA-St. Louis | F8F130140-009 | F8F130140 | C               | TB-1 6/12/08    | WQ     | TB11                 | 06/12/08    | 12:00       |        |        |      |       | X    |                |              |                  |                |      |      |                  |          |               |             |                     |                |          |  |  |
| TA-St. Louis | F8F130140-002 | F8F130140 | C               | TB-2            | WQ     | TB12                 | 06/12/08    | 12:30       |        |        |      |       | X    |                |              |                  |                |      |      |                  |          |               |             |                     |                |          |  |  |
| TA-St. Louis | F8F130140-010 | F8F130140 | C               | TB-2 6/12/08    | WQ     | TB13                 | 06/12/08    | 14:00       |        |        |      |       | X    |                |              |                  |                |      |      |                  |          |               |             |                     |                |          |  |  |
| GEL          | 210228-003    | 210228    | G               | TSB-GJ-08-30    | S      | SS24                 | 06/11/08    | 9:15        |        |        |      |       |      |                |              |                  |                |      |      |                  |          | X             | X           |                     |                |          |  |  |
| TA-St. Louis | F8F120167-003 | F8F120167 | G               | TSB-GJ-08-30    | S      | SS24                 | 06/11/08    | 9:15        | X      | X      | X    | X     | X    | X              | X            | X                | X              | X    | X    | X                | X        |               |             |                     |                |          |  |  |
| TA-Irvine    | IRF1299-03    | IRF1299   | G               | TSB-GJ-08-30    | S      | SS24                 | 06/11/08    | 9:15        |        |        |      |       |      |                |              |                  |                |      |      | X                |          |               |             | X                   | X              | X        |  |  |
| GEL          | 210228-004    | 210228    | G               | TSB-GJ-08-40    | S      | SS25                 | 06/11/08    | 9:35        |        |        |      |       |      |                |              |                  |                |      |      |                  |          | X             | X           |                     |                |          |  |  |
| TA-St. Louis | F8F120167-004 | F8F120167 | G               | TSB-GJ-08-40    | S      | SS25                 | 06/11/08    | 9:35        | X      | X      | X    | X     | X    | X              | X            | X                | X              | X    | X    | X                | X        |               |             |                     |                |          |  |  |
| TA-Irvine    | IRF1299-04    | IRF1299   | G               | TSB-GJ-08-40    | S      | SS25                 | 06/11/08    | 9:35        |        |        |      |       |      |                |              |                  |                |      |      | X                |          |               |             | X                   | X              | X        |  |  |
| EMSL         | 40813654-0005 | 40813654  | G               | TSB-GJ-09       | S      | SS26                 | 06/05/08    | 9:10        |        |        |      |       |      |                |              |                  |                |      |      |                  | X        |               |             |                     |                |          |  |  |
| GEL          | 209755-001    | 209755    | G               | TSB-GJ-09-0     | S      | SS26                 | 06/04/08    | 9:10        |        |        |      |       |      |                |              |                  |                |      |      |                  |          | X             | X           |                     |                |          |  |  |
| TA-St. Louis | F8F050256-003 | F8F050256 | G               | TSB-GJ-09-0     | S      | SS26                 | 06/04/08    | 9:10        | X      | X      | X    | X     | X    | X              | X            | X                | X              | X    | X    | X                | X        |               |             |                     |                |          |  |  |
| TA-Irvine    | IRF0782-03    | IRF0782   | G               | TSB-GJ-09-0     | S      | SS26                 | 06/04/08    | 9:10        |        |        |      |       |      |                |              |                  |                |      |      | X                |          |               |             | X                   | X              | X        |  |  |
| GEL          | 209755-002    | 209755    | G               | TSB-GJ-09-0 FD  | S      | SS27                 | 06/04/08    | 9:10        |        |        |      |       |      |                |              |                  |                |      |      |                  |          | X             | X           |                     |                |          |  |  |
| TA-St. Louis | F8F050256-004 | F8F050256 | G               | TSB-GJ-09-0-FD  | S      | SS27                 | 06/04/08    | 9:10        | X      | X      | X    | X     | X    | X              | X            | X                | X              | X    | X    | X                | X        |               |             |                     |                |          |  |  |
| TA-St. Louis | IRF1163-01    | IRF1163   | G               | RINSATE 1       | WQ     | EB1                  | 06/11/08    | 15:00       |        |        |      |       |      |                |              |                  |                |      |      |                  |          |               |             | X                   |                | X        |  |  |

**TABLE 1-1**  
**SAMPLE ANALYSIS SUMMARY**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
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| LAB          | LAB SAMP ID   | LAB ID    | Parcel Location | SAMPLE ID      | MATRIX | SAMPLE/MATRIX NUMBER | SAMPLE DATE | SAMPLE TIME | Anions | Metals | PAHs | SVOCs | VOCs | Dioxins/Furans | TPH Gasoline | TPH Extractables | Oil and Grease | PCBS | OCFs | Percent Moisture | Asbestos | Radionuclides | Perchlorate | Hexavalent Chromium | Dichlorobenzil | Chlorite |
|--------------|---------------|-----------|-----------------|----------------|--------|----------------------|-------------|-------------|--------|--------|------|-------|------|----------------|--------------|------------------|----------------|------|------|------------------|----------|---------------|-------------|---------------------|----------------|----------|
| TA-Irvine    | IRF1295-01    | IRF1295   | C               | RINSATE-2      | WQ     | EB3                  | 06/12/08    | 14:00       |        |        |      |       |      |                |              |                  |                |      |      | X                |          |               |             | X                   | X              |          |
| TA-Irvine    | IRF0782-04    | IRF0782   | G               | TSB-GJ-09-0-FD | S      | SS27                 | 06/04/08    | 9:10        |        |        |      |       |      |                |              |                  |                |      |      | X                |          |               |             | X                   | X              |          |
| GEL          | 210228-005    | 210228    | G               | TSB-GJ-09-10   | S      | SS28                 | 06/11/08    | 10:40       |        |        |      |       |      |                |              |                  |                |      |      |                  | X        | X             |             |                     |                |          |
| TA-St. Louis | F8F120180-001 | F8F120180 | G               | TSB-GJ-09-10   | S      | SS28                 | 06/11/08    | 10:40       | X      | X      | X    | X     | X    | X              | X            | X                | X              | X    | X    | X                |          |               |             |                     |                |          |
| TA-Irvine    | IRF1296-01    | IRF1296   | G               | TSB-GJ-09-10   | S      | SS28                 | 06/11/08    | 10:40       |        |        |      |       |      |                |              |                  |                |      |      | X                |          |               | X           | X                   | X              |          |
| GEL          | 210228-006    | 210228    | G               | TSB-GJ-09-20   | S      | SS29                 | 06/11/08    | 11:07       |        |        |      |       |      |                |              |                  |                |      |      |                  | X        | X             |             |                     |                |          |
| TA-St. Louis | F8F120180-002 | F8F120180 | G               | TSB-GJ-09-20   | S      | SS29                 | 06/11/08    | 11:07       | X      | X      | X    | X     | X    | X              | X            | X                | X              | X    | X    | X                |          |               |             |                     |                |          |
| TA-Irvine    | IRF1296-02    | IRF1296   | G               | TSB-GJ-09-20   | S      | SS29                 | 06/11/08    | 11:07       |        |        |      |       |      |                |              |                  |                |      |      | X                |          |               | X           | X                   | X              |          |
| GEL          | 210228-007    | 210228    | G               | TSB-GJ-09-30   | S      | SS30                 | 06/11/08    | 11:30       |        |        |      |       |      |                |              |                  |                |      |      |                  | X        | X             |             |                     |                |          |
| TA-St. Louis | F8F120180-003 | F8F120180 | G               | TSB-GJ-09-30   | S      | SS30                 | 06/11/08    | 11:30       | X      | X      | X    | X     | X    | X              | X            | X                | X              | X    | X    | X                |          |               |             |                     |                |          |
| TA-Irvine    | IRF1296-03    | IRF1296   | G               | TSB-GJ-09-30   | S      | SS30                 | 06/11/08    | 11:30       |        |        |      |       |      |                |              |                  |                |      |      | X                |          |               | X           | X                   | X              |          |
| GEL          | 210228-008    | 210228    | G               | TSB-GJ-09-40   | S      | SS31                 | 06/11/08    | 11:50       |        |        |      |       |      |                |              |                  |                |      |      |                  | X        | X             |             |                     |                |          |
| TA-St. Louis | F8F120180-004 | F8F120180 | G               | TSB-GJ-09-40   | S      | SS31                 | 06/11/08    | 11:50       | X      | X      | X    | X     | X    | X              | X            | X                | X              | X    | X    | X                |          |               |             |                     |                |          |
| TA-Irvine    | IRF1296-04    | IRF1296   | G               | TSB-GJ-09-40   | S      | SS31                 | 06/11/08    | 11:50       |        |        |      |       |      |                |              |                  |                |      |      | X                |          |               | X           | X                   | X              |          |
| EMSL         | 40813654-0004 | 40813654  | H               | TSB-HJ-09-NE   | S      | SS32                 | 06/05/08    | 8:35        |        |        |      |       |      |                |              |                  |                |      |      |                  | X        |               |             |                     |                |          |
| EMSL         | 40817194-0001 | 40817194  | H               | TSB-HJ-12      | S      | SS33                 | 07/08/08    | 13:34       |        |        |      |       |      |                |              |                  |                |      |      |                  | X        |               |             |                     |                |          |
| EMSL         | 40817194-0002 | 40817194  | H               | TSB-HJ-13      | S      | SS34                 | 07/08/08    | 13:16       |        |        |      |       |      |                |              |                  |                |      |      |                  | X        |               |             |                     |                |          |

DUP- Duplicate  
FD- Field duplicate  
ID- Identification  
MS/MSD- Matrix spike/matrix spike duplicate  
TB - Trip Blank  
VOCs- Volatile organic compounds  
SVOCs- Semivolatile organic compounds  
PCBS- Polychlorinated Biphenyls  
TPH- Total petroleum hydrocarbons  
VOCs- Volatile organic compounds  
S- Soil  
WQ-Water Quality Control Sample

**TABLE 1-2**  
**SAMPLE ANALYSIS METHODS**  
**TRONOX PARCELS C, D, F, G AND H INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
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| Class                                     | Method   |
|---|--|
| General Chemistry                         | MCAWW 160.3 MOD  |
| Anions                                    | EPA 300.0<br>EPA 300.1<br>EPA 314.0  |
| Metals                                    | SW6010/6020<br>EPA 3060A/7196A<br>SW7470/7471  |
| Radiochemicals                            | Alphaspec U/DOE EML HASL-300 U-02-RC Modified<br>Alphaspec Th/DOE EML HASL-300 Th-01-RC Modified<br>GFPC, Ra228/EPA 904.0 Modified<br>Lucas Cell, Ra226/EPA 903.1 Modified |
| Asbestos                                  | Elutriator Method 540  |
| SVOCs (Including dichlorobenzil and PAHs) | SW8270C  |
| VOCs                                      | SW8260B  |
| Organochlorine Pesticides                 | SW8081   |
| Polychlorinated Biphenyls                 | SW8082   |
| Dioxin/Furans                             | SW846 8290   |
| Gasoline Range Organics                   | SW846 8015 MOD   |
| TPH as Extractables                       | SW846 8015 MOD   |
| Oil & Grease HEM                          | CFR136A 1664A HEM/SW9071B  |

**TABLE 1-3**  
**DATA VALIDATION CRITERIA**  
**TRONOX PARCELS C, D, F, G AND H INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
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| <b>Level 3 Validation</b>   |
|---|
| Chain of Custody  |
| Holding times and sample temperature  |
| Matrix Spike and Matrix Spike Duplicate recoveries and control limits                                   |
| Laboratory Control Spike and Laboratory Control Spike Duplicate recoveries and control limits           |
| Method blanks   |
| Surrogate recoveries  |
| Initial calibration data  |
| Continuing calibration (%D and RRF)   |
| Internal standards  |
| Instrument tuning   |
| Injection logs  |
| Extraction/preparation logs   |
| Case narrative to discuss anomalies   |
|   |
| <b>Level 4 Additional Validation</b>  |
| Instrument blanks   |
| Raw data associated with the summary forms listed above   |
| Raw data for sample results which includes chromatograms, log books, quantitation reports, and spectra. |
|   |

**TABLE 1-4**  
**DATA VALIDATION QUALIFIERS AND REASON CODES**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
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| <b>Laboratory Qualifier</b> | <b>Definition</b>  |
|-----------------------------|--|
| U                           | Organic and inorganic analyses: the analyte was not detected above the level of the reported sample quantitation limit.                                    |
| B                           | Inorganic analyses: the analyte was detected between the method detection limit and the sample quantitation limit.   |
|                             | Organic analyses: the analyte was detected in the associated method blank.   |
| J                           | Organic analyses: the analyte was detected between the method detection limit and the sample quantitation limit.   |
| E                           | Organic and inorganic analyses: the sample concentration was greater than the calibration's upper limit and should be considered to be an estimated value. |
| *                           | Inorganic analyses: the analytical duplicate precision was not within control limits.  |
| N                           | Inorganic analyses: the matrix spike was not within control limits.  |
| D                           | Organic and inorganic analyses: the sample result was diluted.   |

| <b>Functional Guidelines Validation Qualifier</b> | <b>Definition</b>  |
|---|--|
| J   | The result is an estimated quantity. the associated numerical value is the approximate concentration of the analyte in the sample.   |
| U   | The analyte was detected, but qualified as nondetected during data validation due to blank contamination.  |
| UJ  | The nondetected analyte was qualified as estimated at the sample quantitation limit. The reported sample quantitation limit is approximate and may be inaccurate or imprecise. |
| R   | The sample result is rejected and unusable due to serious deficiencies in meeting quality control criteria. The analyte may or may not be present in the sample.               |
| J+  | Inorganics analyses: the result is an estimated quantity, biased high. The associated numerical value is the approximate concentration of the analyte in the sample.           |
| J-  | Inorganics analyses: the result is an estimated quantity, biased low. The associated numerical value is the approximate concentration of the analyte in the sample.            |

**TABLE 1-4**  
**DATA VALIDATION QUALIFIERS AND REASON CODES**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
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| <b>Project- Specific Validation Qualifier</b> | <b>Definition</b>   |
|---|---|
| X   | The analytical result is not used for reporting because a more accurate and precise result is reported in its place.  |
| Z   | The associated data has not been subjected to the data review/validation process.   |
| J+  | Organics analyses: the result is an estimated quantity, biased high. The associated numerical value is the approximate concentration of the analyte in the sample.                        |
| J-  | Organics analyses: the result is an estimated quantity, biased low. The associated numerical value is the approximate concentration of the analyte in the sample.                         |
| J-TDS   | Inorganic analysis: the analytical result is estimated based on failure of Total Dissolved Solids (TDS) correctness check performed in accordance with Standard Methods (see Section 5.1) |
| J-CAB   | Inorganic analysis: the analytical result is estimated based on failure of cation-anion balance correctness check performed in accordance with Standard Methods                           |
| J-TDS&CAB                                     | Inorganic analysis: the analytical result is unreliable based on failure of cation-anion balance and TDS correctness checks performed in accordance with Standard Methods.                |
| <b>Validation Reason Code</b>                 | <b>Definition</b>   |
| 0   | Laboratory reported non-detect.   |
| 1   | The sample preparation and/or analytical holding time was exceeded.   |
| 2 <sup>#</sup>                                | The analyte was detected below the report limit but above the method detection limit.   |
| 3   | The analyte was detected in an associated laboratory blank sample.  |
| 4   | The MS/MSD recovery was outside of control limits.  |
| 5   | The LCS recovery was outside of control limits.   |
| 6 <sup>##</sup>                               | The MS/MSD RPD was outside of control limits.   |
| 7 <sup>##</sup>                               | The LCS RPD was outside of control limits.  |
| 8   | The surrogate recovery was outside of control limits.   |
| 9 <sup>##</sup>                               | Level IV data validation qualification.   |
| 10  | The sample chromatogram did not resemble the standard hydrocarbon pattern.  |
| 11  | The sample concentration was greater than the instrument's calibration range.   |
| 12  | The calibration criterion of RRF, %D, and/or %RSD was not met.  |



**TABLE 1-4**  
**DATA VALIDATION QUALIFIERS AND REASON CODES**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
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| <b>Validation Reason Code</b> | <b>Definition</b>  |
|-------------------------------|--|
| 13                            | The analyte was detected in field blank, rinsate blank, and/or trip blank sample.  |
| 14                            | The internal standards did not meet control criteria.  |
| 15                            | The serial dilution did not meet control criteria.   |
| 16                            | The difference between columns did not meet control criteria.  |
| 17                            | Field duplicates did not meet the 50% RPD control criterion.   |
| 18                            | Sample receipt temperature exceeded the acceptable range of from 4 to 6 degrees Celsius.   |
| 19                            | Analytical duplicate precision did not meet control criteria.  |
| 20                            | Headspace in vials containing water samples to be analyzed for volatiles.  |
| 21                            | The tracer yields did not meet control criteria.   |
| 22                            | The ratio of the measured TDS value to the mathematically calculated TDS sum was outside the specified error range (the cation-anion balance was within the error limits specified in Standard Methods).     |
| 23                            | The cation-anion balance was outside the error limits specified in Standard Methods (the ratio of the measured TDS value to the mathematically calculated TDS sum was within the specified error range).     |
| 24                            | The cation-anion balance was outside the error limits specified in Standard Methods, and the ratio of the measured TDS value to the mathematically calculated TDS sum was outside the specified error range. |
| 25                            | Other  |

# This reason code is applied to data entries with lab qualifiers J or B, as defined above.

## These reason codes were used in the validation of historical data and will not be used in current and future site investigations.

**TABLE 2-1**  
**HOLDING TIME REQUIREMENTS**  
**TRONOX PARCELS C, D, F, G AND H INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
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| Method Class   | Compound  | Soil Samples   |   |         |
|--|---|--|---|---------|
|  |   | Method   | Holding Time                                  |         |
| General Chemistry  | Percent Moisture                                | MCAWW 160.3 MOD  | 24 hours                                      |         |
| Anions   | Bromide   | EPA 300.0  | 28 days                                       |         |
|  | Bromine   |  | 28 days                                       |         |
|  | Chlorate  |  | 28 days                                       |         |
|  | Chloride  |  | 28 days                                       |         |
|  | Chlorine  |  | 28 days                                       |         |
|  | Fluoride  |  | 28 days                                       |         |
|  | Sulfate   |  | 28 days                                       |         |
|  | Nitrate   |  | 48 hours                                      |         |
|  | Nitrite   |  | 48 hours                                      |         |
|  | Orthophosphate                                  |  | 48 hours                                      |         |
|  | Chlorite  |  | EPA 300.1                                     | 28 days |
|  | Perchlorate                                     |  | EPA 314.0                                     | 28 days |
| Metals   | See analyte list in the QAPP (BRC and ERM 2008) | SW6010/6020  | 180 days                                      |         |
|  | Hexavalent Chromium                             | EPA 3060A/7196A  | 30 days to extraction,<br>4 days to analysis  |         |
|  | Mercury   | SW7471   | 28 days                                       |         |
| Radiochemicals   | See analyte list in the QAPP (BRC and ERM 2008) | Alphaspec U/DOE EML HASL-300 U-02-RC Modified<br>Alphaspec Th/DOE EML HASL-300 Th-01-RC Modified<br>GFPC, Ra228/EPA 904.0 Modified<br>Lucas Cell, Ra226/EPA 903.1 Modified | 180 days                                      |         |
| Asbestos   | Asbestos  | Elutriator Method 540  | NA  |         |
| Organochlorine Pesticides  | See analyte list in the QAPP (BRC and ERM 2008) | SW8081   | 14 days to extraction,<br>40 days to analysis |         |
| Volatile Organic Compounds   | See analyte list in the QAPP (BRC and ERM 2008) | SW8260B  | 14 days                                       |         |
| Semivolatile Organic Compounds (including Polynuclear Aromatic Hydrocarbons) | See analyte list in the QAPP (BRC and ERM 2008) | SW8270C  | 14 days to extraction,<br>40 days to analysis |         |
| Polychlorinated Biphenyls (PCBs)   | See analyte list in the QAPP (BRC and ERM 2008) | EPA 8082   | 14 days to extraction,<br>40 days to analysis |         |
| Dioxin/Furans  | See analyte list in the QAPP (BRC and ERM 2008) | SW846 8290   | 30 days to extraction,<br>45 days to analysis |         |
| Gasoline Range Organics  | See analyte list in the QAPP (BRC and ERM 2008) | SW846 8015 MOD   | 14 days to extraction,<br>40 days to analysis |         |
| TPH as Extractables  | See analyte list in the QAPP (BRC and ERM 2008) | SW846 8015 MOD   | 14 days to extraction,<br>40 days to analysis |         |
| Oil & Grease HEM   | See analyte list in the QAPP (BRC and ERM 2008) | SW9071B  | 28 days                                       |         |

**TABLE 2-1**  
**HOLDING TIME REQUIREMENTS**  
**TRONOX PARCELS C, D, F, G AND H INVESTIGATIONS**  
**JUNE-JULY 2008**  
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| Method Class   | Compound  | Aqueous Samples  |   |         |
|--|---|--|---|---------|
|  |   | Method   | Holding Time                                  |         |
| General Chemistry  | Percent Moisture                                | NA   | NA  |         |
| Anions   | Bromide   | EPA 300.0  | 28 days                                       |         |
|  | Bromine   |  | 28 days                                       |         |
|  | Chlorate  |  | 28 days                                       |         |
|  | Chloride  |  | 28 days                                       |         |
|  | Chlorine  |  | 28 days                                       |         |
|  | Fluoride  |  | 28 days                                       |         |
|  | Sulfate   |  | 28 days                                       |         |
|  | Nitrate   |  | 48 hours                                      |         |
|  | Nitrite   |  | 48 hours                                      |         |
|  | Orthophosphate                                  |  | 48 hours                                      |         |
|  | Chlorite  |  | EPA 300.1                                     | 28 days |
|  | Perchlorate                                     |  | EPA 314.0                                     | 28 days |
| Metals   | See analyte list in the QAPP (BRC and ERM 2008) | SW6010/6020  | 180 days                                      |         |
|  | Hexavalent Chromium                             | EPA 7196   | 24 hours                                      |         |
|  | Mercury   | SW7470   | 28 days                                       |         |
| Radiochemicals   | See analyte list in the QAPP (BRC and ERM 2008) | Alphaspec U/DOE EML HASL-300 U-02-RC Modified<br>Alphaspec Th/DOE EML HASL-300 Th-01-RC Modified<br>GFPC, Ra228/EPA 904.0 Modified<br>Lucas Cell, Ra226/EPA 903.1 Modified | 180 days                                      |         |
| Asbestos   | Asbestos  | NA   | NA  |         |
| Organochlorine Pesticides  | See analyte list in the QAPP (BRC and ERM 2008) | SW8081   | 7 days to extraction,<br>40 days to analysis  |         |
| Volatile Organic Compounds   | See analyte list in the QAPP (BRC and ERM 2008) | SW8260B  | 14 days                                       |         |
| Semivolatile Organic Compounds (including Polynuclear Aromatic Hydrocarbons) | See analyte list in the QAPP (BRC and ERM 2008) | SW8270C  | 7 days to extraction,<br>40 days to analysis  |         |
| Polychlorinated Biphenyls (PCBs)   | See analyte list in the QAPP (BRC and ERM 2008) | EPA 8082   | 7 days to extraction,<br>40 days to analysis  |         |
| Dioxin/Furans  | See analyte list in the QAPP (BRC and ERM 2008) | SW846 8290   | 30 days to extraction,<br>45 days to analysis |         |
| Gasoline Range Organics  | See analyte list in the QAPP (BRC and ERM 2008) | SW846 8015 MOD   | 7 days to extraction,<br>40 days to analysis  |         |
| TPH as Extractables  | See analyte list in the QAPP (BRC and ERM 2008) | SW846 8015 MOD   | 7 days to extraction,<br>40 days to analysis  |         |
| Oil & Grease HEM   | See analyte list in the QAPP (BRC and ERM 2008) | CFR136A 1664A HEM  | 28 days                                       |         |

**TABLE 2-2**  
**SUMMARY OF DATA QUALIFIED DUE TO HOLDING TIME EXCEEDANCES**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
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| Field Sample ID | Lab Sample ID | Method    | Sample Date | Preparation Date | Analysis Date | Analyte       | Result  | Unit | Violation  | Limit    | QL   | Check Qualifier | Final Qualifier |
|-----------------|---------------|-----------|-------------|------------------|---------------|---------------|---------|------|------------|----------|------|-----------------|-----------------|
| Rinsate 1       | IRF1163-01    | EPA 7196A | 9/6/2007    | 6/13/2008        | 6/13/2008     | Chromium (VI) | < 0.025 | mg/l | 54.5 hours | 24 hours | 0.03 | R               | R               |
| Rinsate-2       | IRF1295-01    | EPA 7196A | 11/13/2007  | 6/17/2008        | 6/17/2008     | Chromium (VI) | < 0.025 | mg/l | 5 days     | 24 hours | 0.03 | R               | R               |

ID - identification  
 QL - quantitation limit

R - rejected value  
 mg/L - milligram per liter

**TABLE 2-3**  
**SUMMARY OF DATA QUALIFIED DUE TO DETECTION BELOW QUANTITATION LIMIT**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**

**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**

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| Field Sample ID | Lab Sample ID | Method | Analysis Date | Analyte             | Result | Unit  | QL   | Check Qualifier | Final Qualifier |
|-----------------|---------------|--------|---------------|---------------------|--------|-------|------|-----------------|-----------------|
| RINSATE 1       | F8F120137001  | E300   | 6/12/2008     | Sulfate             | 0.12   | mg/l  | 0.5  | J               | J               |
| RINSATE 1       | F8F120137001  | SW6020 | 6/25/2008     | Magnesium           | 17.9   | ug/l  | 50   | J               | J               |
| RINSATE 1       | F8F120137001  | SW6020 | 6/25/2008     | Manganese           | 0.84   | ug/l  | 2    | J               | J               |
| RINSATE 1       | F8F120137001  | SW6020 | 6/25/2008     | Silicon             | 38.6   | ug/l  | 250  | J               | J               |
| RINSATE 1       | F8F120137001  | SW6020 | 6/25/2008     | Sodium              | 39.2   | ug/l  | 50   | J               | J               |
| RINSATE 1       | F8F120137001  | SW6020 | 6/25/2008     | Strontium           | 1.5    | ug/l  | 5    | J               | J               |
| RINSATE-1       | F8F130140003  | SW6020 | 6/25/2008     | Magnesium           | 3.8    | ug/l  | 50   | J               | J               |
| RINSATE-1       | F8F130140003  | SW6020 | 6/25/2008     | Sodium              | 12.8   | ug/l  | 50   | J               | J               |
| RINSATE-2       | F8F130140001  | E300   | 6/13/2008     | Sulfate             | 0.11   | mg/l  | 0.5  | J               | J               |
| RINSATE-2       | F8F130140001  | SW6020 | 6/25/2008     | Calcium             | 48.2   | ug/l  | 100  | J               | J               |
| RINSATE-2       | F8F130140001  | SW6020 | 6/25/2008     | Magnesium           | 6.1    | ug/l  | 50   | J               | J               |
| RINSATE-2       | F8F130140001  | SW6020 | 6/25/2008     | Sodium              | 11     | ug/l  | 50   | J               | J               |
| RINSATE-2       | F8F130140001  | SW6020 | 6/25/2008     | Strontium           | 0.8    | ug/l  | 5    | J               | J               |
| RINSATE-2       | F8F130140001  | SW6020 | 6/25/2008     | Thallium            | 1.5    | ug/l  | 2    | J               | J+              |
| RINSATE-2       | F8F130140001  | SW8260 | 6/19/2008     | Chloromethane       | 0.25   | ug/l  | 2    | J               | J               |
| RINSATE-2       | F8F130140001  | SW8260 | 6/19/2008     | Toluene             | 0.22   | ug/l  | 1    | J               | J               |
| TB-1 6/11/08    | F8F120167005  | SW8260 | 6/19/2008     | Acetone             | 1.1    | ug/l  | 2    | J               | J               |
| TB-1 6/12/08    | F8F130140009  | SW8260 | 6/19/2008     | Chloroform          | 0.11   | ug/l  | 1    | J               | J               |
| TB-1 6/12/08    | F8F130140009  | SW8260 | 6/19/2008     | Dichloromethane     | 0.41   | ug/l  | 1    | J               | J               |
| TB-2            | F8F130140002  | SW8260 | 6/19/2008     | Chloroform          | 0.14   | ug/l  | 1    | J               | J               |
| TB-2 6/11/08    | F8F120180005  | SW8260 | 6/19/2008     | Dichloromethane     | 0.47   | ug/l  | 1    | J               | J               |
| TB-2 6/12/08    | F8F130140010  | SW8260 | 6/19/2008     | Acetone             | 1.7    | ug/l  | 2    | J               | J               |
| TB-3            | F8F120137002  | SW8260 | 6/19/2008     | Chloroform          | 0.12   | ug/l  | 1    | J               | J               |
| TB-4            | F8F050256015  | SW8260 | 6/10/2008     | Acetone             | 0.85   | ug/l  | 2    | J               | J               |
| TB-4            | F8F050256015  | SW8260 | 6/10/2008     | Chloroform          | 0.11   | ug/l  | 1    | J               | J               |
| TB-4            | F8F050256015  | SW8260 | 6/10/2008     | Dichloromethane     | 0.29   | ug/l  | 1    | J               | J               |
| TSB-CJ-09-0     | F8F130140004  | SW6010 | 6/17/2008     | Sulfur              | 1410   | mg/kg | 2610 | J               | J               |
| TSB-CJ-09-0     | F8F130140004  | SW6020 | 6/26/2008     | Cadmium             | 0.091  | mg/kg | 0.1  | J               | J               |
| TSB-CJ-09-0     | F8F130140004  | SW6020 | 6/26/2008     | Molybdenum          | 0.54   | mg/kg | 1    | J               | J               |
| TSB-CJ-09-0     | F8F130140004  | SW6020 | 6/26/2008     | Silver              | 0.11   | mg/kg | 0.42 | J               | J               |
| TSB-CJ-09-0     | F8F130140004  | SW6020 | 6/26/2008     | Tin                 | 0.41   | mg/kg | 0.42 | J               | J               |
| TSB-CJ-09-0     | F8F130140004  | SW8260 | 6/16/2008     | Methyl ethyl ketone | 3.6    | ug/kg | 21   | J               | J               |
| TSB-CJ-09-0     | F8F130140004  | SW8270 | 6/20/2008     | Phthalic acid       | 400    | ug/kg | 1700 | J               | J               |

**TABLE 2-3**  
**SUMMARY OF DATA QUALIFIED DUE TO DETECTION BELOW QUANTITATION LIMIT**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**

**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
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| Field Sample ID | Lab Sample ID | Method      | Analysis Date | Analyte                             | Result | Unit  | QL   | Check Qualifier | Final Qualifier |
|-----------------|---------------|-------------|---------------|-------------------------------------|--------|-------|------|-----------------|-----------------|
| TSB-CJ-09-10    | F8F130140008  | SW6020      | 6/26/2008     | Boron                               | 7.9    | mg/kg | 21.9 | J               | J               |
| TSB-CJ-09-10    | F8F130140008  | SW6020      | 6/26/2008     | Cadmium                             | 0.083  | mg/kg | 0.11 | J               | J               |
| TSB-CJ-09-10    | F8F130140008  | SW6020      | 6/26/2008     | Molybdenum                          | 0.45   | mg/kg | 1.1  | J               | J               |
| TSB-CJ-09-10    | F8F130140008  | SW6020      | 6/26/2008     | Silver                              | 0.15   | mg/kg | 0.44 | J               | J               |
| TSB-FJ-06-02-0  | IRF0782-06    | 3060A/7196A | 6/18/2008     | Chromium (VI)                       | 0.55   | mg/kg | 1    | J               | J               |
| TSB-GJ-08-0     | IRF0782-05    | 3060A/7196A | 6/18/2008     | Chromium (VI)                       | 0.49   | mg/kg | 1    | J               | J               |
| TSB-GJ-08-0     | F8F050256005  | SW6010      | 6/12/2008     | Lithium                             | 10.3   | mg/kg | 50.8 | J               | J               |
| TSB-GJ-08-0     | F8F050256005  | SW6020      | 6/12/2008     | Silver                              | 0.17   | mg/kg | 0.41 | J               | J               |
| TSB-GJ-08-0     | F8F050256005  | SW6020      | 6/12/2008     | Zirconium                           | 19.4   | mg/kg | 20.3 | J               | J-              |
| TSB-GJ-08-0     | F8F050256005  | SW7471      | 6/12/2008     | Mercury                             | 15.9   | ug/kg | 33.9 | J               | J               |
| TSB-GJ-08-0     | F8F050256005  | SW8270      | 6/12/2008     | Chrysene                            | 86     | ug/kg | 340  | J               | X               |
| TSB-GJ-08-0     | F8F050256005  | SW8290      | 6/28/2008     | 1,2,3,7,8,9-Hexachlorodibenzofuran  | 2.7    | pg/g  |      | J               | J               |
| TSB-GJ-08-0     | F8F050256005  | SW8290      | 6/28/2008     | 2,3,7,8-Tetrachlorodibenzo-p-dioxin | 0.53   | pg/g  |      | J               | J               |
| TSB-GJ-08-10    | F8F120167001  | E300        | 6/21/2008     | Fluoride                            | 0.6    | mg/kg | 1.1  | J               | J               |
| TSB-GJ-08-10    | F8F120167001  | SW6020      | 6/26/2008     | Boron                               | 13.8   | mg/kg | 26.8 | J               | J               |
| TSB-GJ-08-10    | F8F120167001  | SW6020      | 6/26/2008     | Cadmium                             | 0.069  | mg/kg | 0.13 | J               | J               |
| TSB-GJ-08-10    | F8F120167001  | SW6020      | 6/26/2008     | Molybdenum                          | 0.47   | mg/kg | 1.3  | J               | J               |
| TSB-GJ-08-10    | F8F120167001  | SW6020      | 6/26/2008     | Silver                              | 0.11   | mg/kg | 0.54 | J               | J               |
| TSB-GJ-08-10    | F8F120167001  | SW6020      | 6/26/2008     | Tin                                 | 0.42   | mg/kg | 0.54 | J               | J               |
| TSB-GJ-08-10    | F8F120167001  | SW6020      | 6/26/2008     | Zirconium                           | 24     | mg/kg | 26.8 | J               | J               |
| TSB-GJ-08-20    | F8F120167002  | E300        | 6/21/2008     | Chlorate                            | 1      | mg/kg | 6    | J               | J               |
| TSB-GJ-08-20    | F8F120167002  | E300        | 6/21/2008     | Fluoride                            | 1      | mg/kg | 1.2  | J               | J               |
| TSB-GJ-08-20    | F8F120167002  | SW6020      | 6/26/2008     | Boron                               | 22.1   | mg/kg | 23.9 | J               | J               |
| TSB-GJ-08-20    | F8F120167002  | SW6020      | 6/26/2008     | Molybdenum                          | 0.56   | mg/kg | 1.2  | J               | J               |
| TSB-GJ-08-20    | F8F120167002  | SW6020      | 6/26/2008     | Silver                              | 0.17   | mg/kg | 0.48 | J               | J               |
| TSB-GJ-08-30    | F8F120167003  | E300        | 6/21/2008     | Chlorate                            | 4.1    | mg/kg | 9    | J               | J               |
| TSB-GJ-08-30    | F8F120167003  | SW6010      | 6/17/2008     | Sulfur                              | 2240   | mg/kg | 4500 | J               | J+              |
| TSB-GJ-08-30    | F8F120167003  | SW6020      | 6/26/2008     | Boron                               | 21.9   | mg/kg | 36   | J               | J               |
| TSB-GJ-08-30    | F8F120167003  | SW6020      | 6/26/2008     | Molybdenum                          | 0.53   | mg/kg | 1.8  | J               | J               |
| TSB-GJ-08-30    | F8F120167003  | SW6020      | 6/26/2008     | Palladium                           | 0.19   | mg/kg | 0.36 | J               | J               |
| TSB-GJ-08-30    | F8F120167003  | SW6020      | 6/26/2008     | Silver                              | 0.17   | mg/kg | 0.72 | J               | J               |
| TSB-GJ-08-30    | F8F120167003  | SW6020      | 6/26/2008     | Zirconium                           | 32.1   | mg/kg | 36   | J               | J               |
| TSB-GJ-08-40    | F8F120167004  | SW6020      | 6/26/2008     | Boron                               | 25.2   | mg/kg | 32.2 | J               | J               |

**TABLE 2-3**  
**SUMMARY OF DATA QUALIFIED DUE TO DETECTION BELOW QUANTITATION LIMIT**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
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| Field Sample ID | Lab Sample ID | Method | Analysis Date | Analyte                               | Result | Unit  | QL   | Check Qualifier | Final Qualifier |
|-----------------|---------------|--------|---------------|---------------------------------------|--------|-------|------|-----------------|-----------------|
| TSB-GJ-08-40    | F8F120167004  | SW6020 | 6/26/2008     | Cadmium                               | 0.12   | mg/kg | 0.16 | J               | J               |
| TSB-GJ-08-40    | F8F120167004  | SW6020 | 6/26/2008     | Molybdenum                            | 0.8    | mg/kg | 1.6  | J               | J               |
| TSB-GJ-08-40    | F8F120167004  | SW6020 | 6/26/2008     | Palladium                             | 0.24   | mg/kg | 0.32 | J               | J               |
| TSB-GJ-08-40    | F8F120167004  | SW6020 | 6/26/2008     | Silver                                | 0.18   | mg/kg | 0.64 | J               | J               |
| TSB-GJ-08-40    | F8F120167004  | SW8260 | 6/16/2008     | Carbon tetrachloride                  | 0.84   | ug/kg | 8.1  | J               | J               |
| TSB-GJ-08-40    | F8F120167004  | SW8260 | 6/16/2008     | Trichloroethylene                     | 4.7    | ug/kg | 8.1  | J               | J               |
| TSB-GJ-08-40    | F8F120167004  | SW8270 | 6/19/2008     | Chrysene                              | 130    | ug/kg | 530  | J               | J               |
| TSB-GJ-08-40    | F8F120167004  | SW8290 | 6/28/2008     | Octachlorodibenzodioxin               | 12     | pg/g  |      | J               | J               |
| TSB-GJ-09-0     | F8F050256003  | E300   | 6/17/2008     | Fluoride                              | 0.43   | mg/kg | 1    | J               | J               |
| TSB-GJ-09-0     | F8F050256003  | SW6010 | 6/12/2008     | Lithium                               | 24     | mg/kg | 51.3 | J               | J               |
| TSB-GJ-09-0     | F8F050256003  | SW6020 | 6/12/2008     | Boron                                 | 8      | mg/kg | 20.5 | J               | J               |
| TSB-GJ-09-0     | F8F050256003  | SW6020 | 6/12/2008     | Molybdenum                            | 0.77   | mg/kg | 1    | J               | J               |
| TSB-GJ-09-0     | F8F050256003  | SW6020 | 6/12/2008     | Silver                                | 0.14   | mg/kg | 0.41 | J               | J               |
| TSB-GJ-09-0     | F8F050256003  | SW6020 | 6/12/2008     | Zirconium                             | 18.1   | mg/kg | 20.5 | J               | J-              |
| TSB-GJ-09-0     | F8F050256003  | SW8260 | 6/9/2008      | Acetone                               | 15     | ug/kg | 21   | J               | J               |
| TSB-GJ-09-0     | F8F050256003  | SW8290 | 6/28/2008     | 1,2,3,4,7,8,9-Heptachlorodibenzofuran | 2.8    | pg/g  |      | J               | J               |
| TSB-GJ-09-0     | F8F050256003  | SW8290 | 6/28/2008     | 1,2,3,4,7,8-Hexachlorodibenzofuran    | 5      | pg/g  |      | J               | J               |
| TSB-GJ-09-0     | F8F050256003  | SW8290 | 6/28/2008     | 1,2,3,6,7,8-Hexachlorodibenzofuran    | 2.7    | pg/g  |      | J               | J               |
| TSB-GJ-09-0     | F8F050256003  | SW8290 | 6/28/2008     | 1,2,3,7,8-Pentachlorodibenzofuran     | 2.9    | pg/g  |      | J               | J               |
| TSB-GJ-09-0     | F8F050256003  | SW8290 | 6/28/2008     | 2,3,4,7,8-Pentachlorodibenzofuran     | 2.5    | pg/g  |      | J               | J               |
| TSB-GJ-09-0-FD  | F8F050256004  | E300   | 6/17/2008     | Fluoride                              | 0.57   | mg/kg | 1    | J               | J               |
| TSB-GJ-09-0-FD  | F8F050256004  | SW6010 | 6/12/2008     | Lithium                               | 20.4   | mg/kg | 51.7 | J               | J               |
| TSB-GJ-09-0-FD  | F8F050256004  | SW6020 | 6/12/2008     | Boron                                 | 10.3   | mg/kg | 20.7 | J               | J               |
| TSB-GJ-09-0-FD  | F8F050256004  | SW6020 | 6/12/2008     | Molybdenum                            | 0.98   | mg/kg | 1    | J               | J               |
| TSB-GJ-09-0-FD  | F8F050256004  | SW6020 | 6/12/2008     | Silver                                | 0.18   | mg/kg | 0.41 | J               | J               |
| TSB-GJ-09-0-FD  | F8F050256004  | SW8260 | 6/9/2008      | Acetone                               | 9.8    | ug/kg | 21   | J               | J               |
| TSB-GJ-09-10    | F8F120180001  | E300   | 6/21/2008     | Bromide                               | 0.8    | mg/kg | 2.7  | J               | J               |
| TSB-GJ-09-10    | F8F120180001  | E300   | 6/21/2008     | Fluoride                              | 0.62   | mg/kg | 1.1  | J               | J               |
| TSB-GJ-09-10    | F8F120180001  | E300.0 | 6/21/2008     | Bromine                               | 1.6    | mg/kg | 5.3  | J               | J               |
| TSB-GJ-09-10    | F8F120180001  | SW6010 | 6/17/2008     | Sulfur                                | 1740   | mg/kg | 2660 | J               | J+              |
| TSB-GJ-09-10    | F8F120180001  | SW6020 | 6/26/2008     | Boron                                 | 8.8    | mg/kg | 21.3 | J               | J               |
| TSB-GJ-09-10    | F8F120180001  | SW6020 | 6/26/2008     | Cadmium                               | 0.074  | mg/kg | 0.11 | J               | J               |
| TSB-GJ-09-10    | F8F120180001  | SW6020 | 6/26/2008     | Molybdenum                            | 0.61   | mg/kg | 1.1  | J               | J               |

**TABLE 2-3**  
**SUMMARY OF DATA QUALIFIED DUE TO DETECTION BELOW QUANTITATION LIMIT**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**

**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**

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| Field Sample ID | Lab Sample ID | Method      | Analysis Date | Analyte          | Result | Unit  | QL   | Check Qualifier | Final Qualifier |
|-----------------|---------------|-------------|---------------|------------------|--------|-------|------|-----------------|-----------------|
| TSB-GJ-09-10    | F8F120180001  | SW6020      | 6/26/2008     | Silver           | 0.11   | mg/kg | 0.43 | J               | J               |
| TSB-GJ-09-10    | F8F120180001  | SW6020      | 6/26/2008     | Zirconium        | 19.5   | mg/kg | 21.3 | J               | J               |
| TSB-GJ-09-10    | F8F120180001  | SW8270      | 6/19/2008     | Chrysene         | 44     | ug/kg | 350  | J               | J               |
| TSB-GJ-09-20    | IRF1296-02    | 3060A/7196A | 6/23/2008     | Chromium (VI)    | 0.83   | mg/kg | 1.5  | J               | J               |
| TSB-GJ-09-20    | F8F120180002  | E300        | 6/21/2008     | Chlorate         | 3.7    | mg/kg | 6.3  | J               | J               |
| TSB-GJ-09-20    | F8F120180002  | E300        | 6/21/2008     | Fluoride         | 0.58   | mg/kg | 1.3  | J               | J               |
| TSB-GJ-09-20    | F8F120180002  | SW6020      | 6/26/2008     | Silver           | 0.14   | mg/kg | 1.3  | J               | J               |
| TSB-GJ-09-20    | F8F120180002  | SW6020      | 6/26/2008     | Zirconium        | 31.7   | mg/kg | 62.8 | J               | J               |
| TSB-GJ-09-30    | IRF1296-03    | 3060A/7196A | 6/23/2008     | Chromium (VI)    | 0.61   | mg/kg | 1.4  | J               | J               |
| TSB-GJ-09-30    | F8F120180003  | SW6010      | 6/17/2008     | Sulfur           | 1610   | mg/kg | 3580 | J               | J+              |
| TSB-GJ-09-30    | F8F120180003  | SW6020      | 6/26/2008     | Boron            | 20.5   | mg/kg | 28.6 | J               | J               |
| TSB-GJ-09-30    | F8F120180003  | SW6020      | 6/26/2008     | Cadmium          | 0.064  | mg/kg | 0.14 | J               | J               |
| TSB-GJ-09-30    | F8F120180003  | SW6020      | 6/26/2008     | Molybdenum       | 0.71   | mg/kg | 1.4  | J               | J               |
| TSB-GJ-09-30    | F8F120180003  | SW6020      | 6/26/2008     | Silver           | 0.19   | mg/kg | 0.57 | J               | J               |
| TSB-GJ-09-30    | F8F120180003  | SW6020      | 6/26/2008     | Tin              | 0.56   | mg/kg | 0.57 | J               | J               |
| TSB-GJ-09-40    | F8F120180004  | SW6010      | 6/17/2008     | Sulfur           | 2030   | mg/kg | 3930 | J               | J+              |
| TSB-GJ-09-40    | F8F120180004  | SW6020      | 6/26/2008     | Boron            | 28.3   | mg/kg | 31.5 | J               | J               |
| TSB-GJ-09-40    | F8F120180004  | SW6020      | 6/26/2008     | Cadmium          | 0.1    | mg/kg | 0.16 | J               | J               |
| TSB-GJ-09-40    | F8F120180004  | SW6020      | 6/26/2008     | Molybdenum       | 0.67   | mg/kg | 1.6  | J               | J               |
| TSB-GJ-09-40    | F8F120180004  | SW6020      | 6/26/2008     | Silver           | 0.19   | mg/kg | 0.63 | J               | J               |
| TSB-GJ-09-40    | F8F120180004  | SW8260      | 6/16/2008     | Chloroform       | 1.5    | ug/kg | 7.9  | J               | J               |
| RINSATE 1       | F8F050256019  | SW6020      | 6/21/2008     | Calcium          | 48.8   | ug/l  | 100  | J               | J               |
| RINSATE 1       | F8F050256019  | SW6020      | 6/13/2008     | Chromium (Total) | 8.3    | ug/l  | 10   | J               | J               |
| RINSATE 1       | F8F050256019  | SW6020      | 6/13/2008     | Iron             | 22.2   | ug/l  | 50   | J               | J               |
| RINSATE 1       | F8F050256019  | SW6020      | 6/13/2008     | Magnesium        | 4.5    | ug/l  | 50   | J               | J               |
| RINSATE 1       | F8F050256019  | SW6020      | 6/13/2008     | Sodium           | 11.4   | ug/l  | 50   | J               | J               |
| RINSATE 1       | F8F050256019  | SW6020      | 6/13/2008     | Strontium        | 0.31   | ug/l  | 5    | J               | J               |
| RINSATE 1       | F8F050256019  | SW6020      | 6/13/2008     | Zinc             | 5.6    | ug/l  | 10   | J               | J               |
| TB-1            | F8F050256017  | SW8260      | 6/10/2008     | Chloroform       | 0.09   | ug/l  | 1    | J               | J               |
| TB-1            | F8F050256017  | SW8260      | 6/10/2008     | Dichloromethane  | 0.21   | ug/l  | 1    | J               | J               |
| TB-1 6/10/08    | F8F110173006  | SW8260      | 6/19/2008     | Chloroform       | 0.084  | ug/l  | 1    | J               | J               |
| TB-2            | F8F050256014  | SW8260      | 6/10/2008     | Chloroform       | 0.12   | ug/l  | 1    | J               | J               |
| TB-2            | F8F050256014  | SW8260      | 6/10/2008     | Dichloromethane  | 0.23   | ug/l  | 1    | J               | J               |



**TABLE 2-3**  
**SUMMARY OF DATA QUALIFIED DUE TO DETECTION BELOW QUANTITATION LIMIT**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**

**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**

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| Field Sample ID | Lab Sample ID | Method | Analysis Date | Analyte                     | Result | Unit  | QL   | Check Qualifier | Final Qualifier |
|-----------------|---------------|--------|---------------|-----------------------------|--------|-------|------|-----------------|-----------------|
| TB-3            | F8F050256016  | SW8260 | 6/10/2008     | Chloroform                  | 0.1    | ug/l  | 1    | J               | J               |
| TB-3            | F8F050256016  | SW8260 | 6/10/2008     | Dichloromethane             | 0.26   | ug/l  | 1    | J               | J               |
| TB-5            | F8F050256018  | SW8260 | 6/10/2008     | Chloroform                  | 0.096  | ug/l  | 1    | J               | J               |
| TB-5            | F8F050256018  | SW8260 | 6/10/2008     | Dichloromethane             | 0.33   | ug/l  | 1    | J               | J               |
| TSB-FJ-02-02-0  | F8F050256002  | E300   | 6/16/2008     | Chlorate                    | 1.4    | mg/kg | 5.1  | J               | J               |
| TSB-FJ-02-02-0  | F8F050256002  | E300   | 6/16/2008     | Orthophosphate as P         | 1.3    | mg/kg | 5.1  | J               | J               |
| TSB-FJ-02-02-0  | F8F050256002  | SW6010 | 6/12/2008     | Lithium                     | 21.3   | mg/kg | 50.9 | J               | J               |
| TSB-FJ-02-02-0  | F8F050256002  | SW6010 | 6/11/2008     | Sulfur                      | 543    | mg/kg | 1020 | J               | J-              |
| TSB-FJ-02-02-0  | F8F050256002  | SW6020 | 6/12/2008     | Boron                       | 6.8    | mg/kg | 20.4 | J               | J               |
| TSB-FJ-02-02-0  | F8F050256002  | SW6020 | 6/12/2008     | Molybdenum                  | 0.55   | mg/kg | 1    | J               | J               |
| TSB-FJ-02-02-0  | F8F050256002  | SW6020 | 6/12/2008     | Silver                      | 0.15   | mg/kg | 0.41 | J               | J               |
| TSB-FJ-02-02-0  | F8F050256002  | SW6020 | 6/12/2008     | Zirconium                   | 19.7   | mg/kg | 20.4 | J               | J-              |
| TSB-FJ-02-02-0  | F8F050256002  | SW7471 | 6/12/2008     | Mercury                     | 11.9   | ug/kg | 34   | J               | J               |
| TSB-FJ-02-02-0  | F8F050256002  | SW8260 | 6/9/2008      | Acetone                     | 14     | ug/kg | 20   | J               | J               |
| TSB-FJ-06-02-10 | F8F110173001  | E300   | 6/18/2008     | Chlorate                    | 3.2    | mg/kg | 5.3  | J               | J               |
| TSB-FJ-06-02-10 | F8F110173001  | SW6010 | 6/13/2008     | Lithium                     | 11.7   | mg/kg | 53.1 | J               | J               |
| TSB-FJ-06-02-10 | F8F110173001  | SW6010 | 6/13/2008     | Sulfur                      | 531    | mg/kg | 1060 | J               | J               |
| TSB-FJ-06-02-10 | F8F110173001  | SW6020 | 6/26/2008     | Boron                       | 10.1   | mg/kg | 21.2 | J               | J               |
| TSB-FJ-06-02-10 | F8F110173001  | SW6020 | 6/26/2008     | Cadmium                     | 0.073  | mg/kg | 0.11 | J               | J               |
| TSB-FJ-06-02-10 | F8F110173001  | SW6020 | 6/26/2008     | Molybdenum                  | 0.66   | mg/kg | 1.1  | J               | J               |
| TSB-FJ-06-02-10 | F8F110173001  | SW6020 | 6/26/2008     | Silver                      | 0.13   | mg/kg | 0.43 | J               | J               |
| TSB-FJ-06-02-20 | F8F110173002  | E300   | 6/18/2008     | Bromide                     | 1      | mg/kg | 3.2  | J               | J               |
| TSB-FJ-06-02-20 | F8F110173002  | E300.0 | 6/18/2008     | Bromine                     | 2.1    | mg/kg | 6.4  | J               | J               |
| TSB-FJ-06-02-20 | F8F110173002  | SW6020 | 6/26/2008     | Boron                       | 24.4   | mg/kg | 32.1 | J               | J               |
| TSB-FJ-06-02-20 | F8F110173002  | SW6020 | 6/26/2008     | Molybdenum                  | 0.71   | mg/kg | 1.6  | J               | J               |
| TSB-FJ-06-02-20 | F8F110173002  | SW6020 | 6/26/2008     | Silver                      | 0.25   | mg/kg | 0.64 | J               | J               |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | Carbon tetrachloride        | 3.9    | ug/kg | 6.4  | J               | J               |
| TSB-FJ-06-02-20 | F8F110173002  | SW8270 | 6/19/2008     | bis(2-Ethylhexyl) phthalate | 69     | ug/kg | 420  | J               | J               |
| TSB-FJ-06-02-30 | F8F110173003  | SW6020 | 6/26/2008     | Boron                       | 12.4   | mg/kg | 26.9 | J               | J               |
| TSB-FJ-06-02-30 | F8F110173003  | SW6020 | 6/26/2008     | Molybdenum                  | 0.47   | mg/kg | 1.3  | J               | J               |
| TSB-FJ-06-02-30 | F8F110173003  | SW6020 | 6/26/2008     | Palladium                   | 0.25   | mg/kg | 0.27 | J               | J               |
| TSB-FJ-06-02-30 | F8F110173003  | SW6020 | 6/26/2008     | Silver                      | 0.13   | mg/kg | 0.54 | J               | J               |
| TSB-FJ-06-02-30 | F8F110173003  | SW8260 | 6/12/2008     | Carbon tetrachloride        | 2.4    | ug/kg | 5.4  | J               | J               |

**TABLE 2-3**  
**SUMMARY OF DATA QUALIFIED DUE TO DETECTION BELOW QUANTITATION LIMIT**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**

**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**

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| Field Sample ID | Lab Sample ID | Method | Analysis Date | Analyte                                | Result | Unit  | QL   | Check Qualifier | Final Qualifier |
|-----------------|---------------|--------|---------------|--|--------|-------|------|-----------------|-----------------|
| TSB-FJ-06-02-0  | F8F050256006  | E300   | 6/17/2008     | Fluoride                               | 0.86   | mg/kg | 1    | J               | J               |
| TSB-FJ-06-02-0  | F8F050256006  | SW6010 | 6/12/2008     | Lithium                                | 16.1   | mg/kg | 101  | J               | J               |
| TSB-FJ-06-02-0  | F8F050256006  | SW6020 | 6/12/2008     | Boron                                  | 13.3   | mg/kg | 20.3 | J               | J               |
| TSB-FJ-06-02-0  | F8F050256006  | SW6020 | 6/12/2008     | Silver                                 | 0.2    | mg/kg | 0.41 | J               | J               |
| TSB-FJ-06-02-0  | F8F050256006  | SW7471 | 6/12/2008     | Mercury                                | 32.8   | ug/kg | 33.8 | J               | J               |
| TSB-FJ-06-02-0  | F8F050256006  | SW8260 | 6/9/2008      | 1,2,4-Trimethylbenzene                 | 0.68   | ug/kg | 5.1  | J               | J               |
| TSB-FJ-06-02-0  | F8F050256006  | SW8260 | 6/9/2008      | Acetone                                | 14     | ug/kg | 20   | J               | J               |
| TSB-FJ-06-02-0  | F8F050256006  | SW8270 | 6/12/2008     | Benzyl alcohol                         | 94     | ug/kg | 330  | J               | J               |
| TSB-FJ-06-02-0  | F8F050256006  | SW8270 | 6/12/2008     | bis(2-Ethylhexyl) phthalate            | 140    | ug/kg | 330  | J               | J               |
| TSB-FJ-06-02-0  | F8F050256006  | SW8270 | 6/12/2008     | Chrysene                               | 39     | ug/kg | 330  | J               | X               |
| TSB-FJ-06-02-0  | F8F050256006  | SW8270 | 6/12/2008     | Fluoranthene                           | 63     | ug/kg | 330  | J               | J               |
| TSB-FJ-06-02-0  | F8F050256006  | SW8270 | 6/12/2008     | Hydroxymethyl phthalimide              | 150    | ug/kg | 330  | J               | J-              |
| TSB-FJ-06-02-0  | F8F050256006  | SW8270 | 6/12/2008     | Phenanthrene                           | 37     | ug/kg | 330  | J               | X               |
| TSB-FJ-06-02-0  | F8F050256006  | SW8270 | 6/12/2008     | Phenol                                 | 130    | ug/kg | 330  | J               | J               |
| TSB-FJ-06-02-0  | F8F050256006  | SW8270 | 6/12/2008     | Phthalic acid                          | 760    | ug/kg | 1600 | J               | J               |
| TSB-FJ-06-02-0  | F8F050256006  | SW8270 | 6/12/2008     | Pyrene                                 | 36     | ug/kg | 330  | J               | X               |
| TSB-FJ-06-02-0  | F8F050256006  | SW8290 | 6/28/2008     | 1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin | 3.2    | pg/g  |      | J               | J               |
| TSB-FR-02-02-0  | F8F050256001  | E300   | 6/16/2008     | Fluoride                               | 0.57   | mg/kg | 1    | J               | J               |
| TSB-FR-02-02-0  | F8F050256001  | SW6010 | 6/12/2008     | Lithium                                | 10.6   | mg/kg | 50.9 | J               | J               |
| TSB-FR-02-02-0  | F8F050256001  | SW6020 | 6/12/2008     | Boron                                  | 11.2   | mg/kg | 20.4 | J               | J               |
| TSB-FR-02-02-0  | F8F050256001  | SW6020 | 6/21/2008     | Platinum                               | 0.11   | mg/kg | 0.26 | J               | J               |
| TSB-FR-02-02-0  | F8F050256001  | SW6020 | 6/12/2008     | Silver                                 | 0.21   | mg/kg | 0.41 | J               | J               |
| TSB-FR-02-02-0  | F8F050256001  | SW6020 | 6/21/2008     | Thallium                               | 0.43   | mg/kg | 0.51 | J               | J               |
| TSB-FR-02-02-0  | F8F050256001  | SW7471 | 6/12/2008     | Mercury                                | 30.2   | ug/kg | 33.9 | J               | J               |
| TSB-FR-02-02-0  | F8F050256001  | SW8260 | 6/9/2008      | Acetone                                | 17     | ug/kg | 20   | J               | J               |
| TSB-FR-02-02-0  | F8F050256001  | SW8270 | 6/12/2008     | Benzo(a)anthracene                     | 110    | ug/kg | 340  | J               | X               |
| TSB-FR-02-02-0  | F8F050256001  | SW8270 | 6/12/2008     | Benzo(a)pyrene                         | 170    | ug/kg | 340  | J               | J               |
| TSB-FR-02-02-0  | F8F050256001  | SW8270 | 6/12/2008     | Chrysene                               | 280    | ug/kg | 340  | J               | J               |
| TSB-FR-02-02-0  | F8F050256001  | SW8270 | 6/12/2008     | Phenanthrene                           | 270    | ug/kg | 340  | J               | J               |
| TSB-FR-02-02-0  | F8F050256001  | SW8270 | 6/12/2008     | Phthalic acid                          | 290    | ug/kg | 1600 | J               | J               |
| TSB-FR-02-02-0  | F8F050256001  | SW8270 | 6/12/2008     | Pyrene                                 | 330    | ug/kg | 340  | J               | X               |
| TSB-FR-02-02-0  | F8F050256001  | SW8290 | 6/28/2008     | 1,2,3,7,8-Pentachlorodibenzo-p-dioxin  | 5      | pg/g  |      | J               | J               |
| TSB-FR-02-02-10 | F8F110173004  | E300   | 6/19/2008     | Chlorate                               | 1.2    | mg/kg | 5.7  | J               | J               |

**TABLE 2-3**  
**SUMMARY OF DATA QUALIFIED DUE TO DETECTION BELOW QUANTITATION LIMIT**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**

**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**

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| Field Sample ID    | Lab Sample ID | Method | Analysis Date | Analyte    | Result | Unit  | QL   | Check Qualifier | Final Qualifier |
|--------------------|---------------|--------|---------------|------------|--------|-------|------|-----------------|-----------------|
| TSB-FR-02-02-10    | F8F110173004  | SW6010 | 6/13/2008     | Sulfur     | 913    | mg/kg | 1140 | J               | J               |
| TSB-FR-02-02-10    | F8F110173004  | SW6020 | 6/26/2008     | Cadmium    | 0.1    | mg/kg | 0.11 | J               | J               |
| TSB-FR-02-02-10    | F8F110173004  | SW6020 | 6/26/2008     | Molybdenum | 0.39   | mg/kg | 1.1  | J               | J               |
| TSB-FR-02-02-10    | F8F110173004  | SW6020 | 6/26/2008     | Silver     | 0.13   | mg/kg | 0.46 | J               | J               |
| TSB-FR-02-02-10    | F8F110173004  | SW6020 | 6/26/2008     | Tin        | 0.41   | mg/kg | 0.46 | J               | J               |
| TSB-FR-02-02-10    | F8F110173004  | SW7471 | 6/12/2008     | Mercury    | 14.6   | ug/kg | 38   | J               | J               |
| TSB-FR-02-02-10-FD | F8F110173005  | SW6010 | 6/13/2008     | Lithium    | 22.8   | mg/kg | 53.5 | J               | J               |
| TSB-FR-02-02-10-FD | F8F110173005  | SW6010 | 6/13/2008     | Sulfur     | 509    | mg/kg | 1070 | J               | J               |
| TSB-FR-02-02-10-FD | F8F110173005  | SW6020 | 6/26/2008     | Cadmium    | 0.068  | mg/kg | 0.11 | J               | J               |
| TSB-FR-02-02-10-FD | F8F110173005  | SW6020 | 6/26/2008     | Molybdenum | 0.31   | mg/kg | 1.1  | J               | J               |
| TSB-FR-02-02-10-FD | F8F110173005  | SW6020 | 6/26/2008     | Silver     | 0.12   | mg/kg | 0.43 | J               | J               |
| TSB-FR-02-02-10-FD | F8F110173005  | SW6020 | 6/26/2008     | Zirconium  | 21.1   | mg/kg | 21.4 | J               | J               |

ID - identification

J - estimated value.

mg/l - milligram per liter

ug/l - microgram per liter

mg/kg- milligram per kilogram

ug/kg- microgram per kilogram

pg/g- picogram per gram

QL - quantitation limit

- Result is biased low

+ Result is biased high

**TABLE 2-4**  
**SUMMARY OF DATA QUALIFIED DUE TO LABORATORY BLANK CONTAMINATION**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
**(Page 1 of 2)**

| Field Sample ID    | Lab Sample ID | Method   | Analysis Date | Analyte             | Result | Unit  | QL   | Reported Concentration | Blank Concentration | Check Qualifier | Final Qualifier |
|--------------------|---------------|----------|---------------|---------------------|--------|-------|------|------------------------|---------------------|-----------------|-----------------|
| TSB-CJ-09-0        | F8F130140004  | SW6020   | 6/26/2008     | Tungsten            | <1     | mg/kg | 1    | 0.54                   | 1.5 ug/L            | U               | U               |
| TSB-CJ-09-10       | F8F130140008  | SW6020   | 6/27/2008     | Thallium            | <0.44  | mg/kg | 0.44 | 0.4                    | 1.1 ug/L            | U               | U               |
| TSB-CJ-09-10       | F8F130140008  | SW6020   | 6/26/2008     | Tungsten            | <1.1   | mg/kg | 1.1  | 1.1                    | 1.5 ug/L            | U               | U               |
| TSB-CJ-09-10       | F8F130140008  | SW7471   | 6/17/2008     | Mercury             | <36.5  | ug/kg | 36.5 | 21.2                   | 0.1 ug/L            | U               | UJ              |
| TSB-GJ-08-0        | F8F050256005  | SW8260   | 6/9/2008      | Dichloromethane     | <11    | ug/kg | 5.1  | 11                     | 1.1                 | U               | U               |
| TSB-GJ-08-10       | F8F120167001  | SW7471   | 6/17/2008     | Mercury             | <35.7  | ug/kg | 35.7 | 19.1                   | 0.1 ug/L            | U               | U               |
| TSB-GJ-08-20       | F8F120167002  | SW6020   | 6/27/2008     | Thallium            | <0.48  | mg/kg | 0.48 | 0.4                    | 1.1 ug/L            | U               | U               |
| TSB-GJ-08-20       | F8F120167002  | SW6020   | 6/26/2008     | Tungsten            | <1.2   | mg/kg | 1.2  | 0.7                    | 1.4 ug/L            | U               | UJ              |
| TSB-GJ-08-30       | F8F120167003  | SW6010   | 6/17/2008     | Lithium             | <180   | mg/kg | 180  | 65                     | 8.0 ug/L            | U               | UJ              |
| TSB-GJ-09-0        | F8F050256003  | SW6020   | 6/12/2008     | Cadmium             | <0.1   | mg/kg | 0.1  | 0.098                  | 0.2 ug/L            | U               | U               |
| TSB-GJ-09-10       | F8F120180001  | SW6010   | 6/17/2008     | Lithium             | <26.6  | mg/kg | 26.6 | 6.7                    | 8.0 ug/L            | U               | UJ              |
| TSB-GJ-09-20       | F8F120180002  | E300     | 6/21/2008     | Orthophosphate as P | <6.3   | mg/kg | 6.3  | 1.5                    | 0.102               | U               | U               |
| TSB-GJ-09-40       | F8F120180004  | SW6010   | 6/17/2008     | Lithium             | <157   | mg/kg | 157  | 111                    | 8.0 ug/L            | U               | UJ              |
| TSB-GJ-09-40       | F8F120180004  | SW7471   | 6/17/2008     | Mercury             | <52.4  | ug/kg | 52.4 | 22                     | 0.1                 | U               | U               |
| RINSATE 1          | F8F050256019  | SW6020   | 6/22/2008     | Silicon             | <250   | ug/l  | 250  | 70.3                   | Prep Blank = 62.2   | U               | U               |
| TSB-FJ-02-02-0     | F8F050256002  | SW6020   | 6/12/2008     | Cadmium             | <0.1   | mg/kg | 0.1  | 0.093                  | 0.2 ug/L            | U               | U               |
| TSB-FJ-02-02-10    | 210150008     | HASL-300 | 7/2/2008      | Uranium-233/234     | <1     | pCi/g | 1    | 0.987                  | 0.461               | U               | U               |
| TSB-FJ-06-02-10    | 210150001     | HASL-300 | 7/2/2008      | Uranium-233/234     | <1     | pCi/g | 1    | 0.829                  | 0.461               | U               | U               |
| TSB-FJ-06-02-10    | F8F110173001  | SW6020   | 6/26/2008     | Tungsten            | <1.1   | mg/kg | 1.1  | 0.56                   | 1.4 ug/L            | U               | UJ              |
| TSB-FJ-06-02-10    | F8F110173001  | SW8260   | 6/12/2008     | Tetrachloroethylene | <5.3   | ug/kg | 5.3  | 1.6                    | 1.5                 | U               | U               |
| TSB-FJ-06-02-20    | F8F110173002  | SW6020   | 6/27/2008     | Thallium            | <0.64  | mg/kg | 0.64 | 0.57                   | 1.1 ug/L            | U               | U               |
| TSB-FJ-06-02-20    | F8F110173002  | SW8260   | 6/12/2008     | Tetrachloroethylene | <6.4   | ug/kg | 6.4  | 2.4                    | 1.5                 | U               | U               |
| TSB-FJ-06-02-30    | F8F110173003  | SW8260   | 6/12/2008     | Tetrachloroethylene | <5.4   | ug/kg | 5.4  | 1.7                    | 1.5                 | U               | U               |
| TSB-FJ-06-02-0     | F8F050256006  | SW6020   | 6/12/2008     | Antimony            | <1     | mg/kg | 1    | 0.22                   | 2.7 ug/L            | U               | UJ              |
| TSB-FJ-06-02-0     | F8F050256006  | SW6020   | 6/12/2008     | Tungsten            | <1     | mg/kg | 1    | 0.97                   | 1.9 ug/L            | U               | UJ              |
| TSB-FJ-06-02-0     | F8F050256006  | SW8260   | 6/9/2008      | Dichloromethane     | <11    | ug/kg | 5.1  | 11                     | 1.1                 | U               | U               |
| TSB-FR-02-02-0     | F8F050256001  | SW6020   | 6/12/2008     | Tungsten            | <1     | mg/kg | 1    | 0.79                   | 1.9 ug/L            | U               | UJ              |
| TSB-FR-02-02-10    | F8F110173004  | SW8260   | 6/12/2008     | Tetrachloroethylene | <5.7   | ug/kg | 5.7  | 1.2                    | 1.5                 | U               | U               |
| TSB-FR-02-02-10-FD | F8F110173005  | SW6020   | 6/26/2008     | Tungsten            | <1.1   | mg/kg | 1.1  | 0.6                    | 1.4 ug/L            | U               | UJ              |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260   | 6/12/2008     | Tetrachloroethylene | <5.4   | ug/kg | 5.4  | 1.2                    | 1.5                 | U               | U               |
| TSB-FJ-02-02-10    | F8F110177003  | SW8260   | 6/12/2008     | Tetrachloroethylene | <6.6   | ug/kg | 6.6  | 1.6                    | 1.5                 | U               | U               |
| TSB-FJ-02-02-20    | F8F110177004  | SW8260   | 6/12/2008     | Tetrachloroethylene | <6.1   | ug/kg | 6.1  | 1.3                    | 1.5                 | U               | U               |
| TSB-FJ-02-02-30    | F8F110177005  | SW8260   | 6/12/2008     | Tetrachloroethylene | <6.5   | ug/kg | 6.5  | 1.2                    | 1.5                 | U               | U               |

**TABLE 2-4**  
**SUMMARY OF DATA QUALIFIED DUE TO LABORATORY BLANK CONTAMINATION**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**

**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**

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| Field Sample ID | Lab Sample ID | Method | Analysis Date | Analyte             | Result | Unit  | QL  | Reported Concentration | Blank Concentration | Check Qualifier | Final Qualifier |
|-----------------|---------------|--------|---------------|---------------------|--------|-------|-----|------------------------|---------------------|-----------------|-----------------|
| TSB-FR-02-02-20 | F8F110177001  | SW8260 | 6/12/2008     | Tetrachloroethylene | <5.6   | ug/kg | 5.6 | 1.4                    | 1.5                 | U               | U               |
| TSB-FR-02-02-30 | F8F110177002  | SW8260 | 6/12/2008     | Tetrachloroethylene | <7.2   | ug/kg | 7.2 | 1.3                    | 1.5                 | U               | U               |

ID - identification

U - non-detect result due to blank contamination

UJ - non-detect estimated quantitation limit

QL- quantitation limit

pCi/g - picoCuries per gram

ug/l - microgram per liter

mg/kg- milligram per kilogram

ug/kg- microgram per kilogram

**TABLE 2-5**  
**SUMMARY OF DATA QUALIFIED DUE TO FIELD BLANK CONTAMINATION**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
**(Page 1 of 1)**

| Field Sample ID | Lab Sample ID | Method        | Analysis Date | Analyte    | Result | Unit  | QL   | Reported Concentration | Blank Concentration | Check Qualifiers | Final Qualifier |
|-----------------|---------------|---------------|---------------|------------|--------|-------|------|------------------------|---------------------|------------------|-----------------|
| TSB-CJ-09-0     | F8F130140004  | SW8260        | 6/16/2008     | Toluene    | <5.2   | ug/kg | 5.2  | 0.49                   | 0.22 ug/l           | U                | U               |
| TSB-CJ-09-10    | F8F130140008  | SW6020        | 6/27/2008     | Thallium   | <0.44  | mg/kg | 0.44 | 0.4                    | 1.5 ug/l            | U                | U               |
| TSB-FR-02-02-0  | F8F050256001  | SW8260        | 6/9/2008      | Chloroform | <5.1   | ug/kg | 5.1  | 0.53                   | 0.12 ug/l           | U                | U               |
| TSB-GJ-08-10    | 210228001     | EPA 903.1 mod | 6/27/2008     | Radium-226 | <1     | pCi/g | 1    | 0.949                  | 0.505               | U                | U               |
| TSB-GJ-09-30    | 210228007     | EPA 903.1 mod | 6/27/2008     | Radium-226 | <1     | pCi/g | 1    | 0.327                  | 0.505               | U                | U               |

ID - identification

QL - quantitation limit

U - non-detect result due to blank contamination

mg/kg- milligram per kilogram

ug/kg- microgram per kilogram

ug/l - microgram per liter

**TABLE 2-6**  
**SUMMARY OF DATA QUALIFIED DUE TO MS/MSD RECOVERY EXCEEDANCES**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
**(Page 1 of 10)**

| Field Sample ID | Lab Sample ID | Method         | Analysis Date | Analyte            | Result | Unit  | % Recovery  | Limit  | QL   | Check Qualifier | Final Qualifier |
|-----------------|---------------|----------------|---------------|--------------------|--------|-------|-------------|--------|------|-----------------|-----------------|
| TSB-CJ-09-0     | F8F130140004  | SW6020         | 6/26/2008     | Antimony           | < 1    | mg/kg | 53.5,55.4   | 75-125 | 1    | UJ              | UJ              |
| TSB-CJ-09-0     | F8F130140004  | SW6020         | 6/26/2008     | Magnesium          | 7620   | mg/kg | 64.6,161.1  | 75-125 | 104  | J               | J               |
| TSB-CJ-09-0     | F8F130140004  | SW6020         | 6/26/2008     | Niobium            | < 5.2  | mg/kg | 42.1,46.5   | 75-125 | 5.2  | UJ              | UJ              |
| TSB-CJ-09-0     | F8F130140004  | SW6020         | 6/26/2008     | Potassium          | 2710   | mg/kg | 128.9       | 75-125 | 20.9 | J+              | J+              |
| TSB-CJ-09-0     | F8F130140004  | SW6020         | 6/27/2008     | Silicon            | 402    | mg/kg | 393.7,361.5 | 75-125 | 52.2 | J+              | J+              |
| TSB-CJ-09-0     | F8F130140004  | SW6020         | 6/27/2008     | Strontium          | 199    | mg/kg | 74.8        | 75-125 | 1    | J-              | J-              |
| TSB-CJ-09-0     | F8F130140004  | SW6020         | 6/27/2008     | Titanium           | 378    | mg/kg | 237.7,300.9 | 75-125 | 1    | J+              | J+              |
| TSB-CJ-09-0     | F8F130140004  | SW6020         | 6/26/2008     | Zinc               | 25.5   | mg/kg | 125.7       | 75-125 | 4.2  | J+              | J+              |
| TSB-CJ-09-0     | F8F130140004  | SW7471         | 6/17/2008     | Mercury            | < 34.8 | ug/kg | 52.6        | 75-125 | 34.8 | UJ              | UJ              |
| TSB-CJ-09-0     | F8F130140004  | SW9071B        | 6/21/2008     | Oil & Grease (HEM) | < 209  | mg/kg | 63,63       | 75-125 | 209  | UJ              | UJ              |
| TSB-CJ-09-10    | F8F130140008  | SW6020         | 6/26/2008     | Antimony           | < 1.1  | mg/kg | 53.5,55.4   | 75-125 | 1.1  | UJ              | UJ              |
| TSB-CJ-09-10    | F8F130140008  | SW6020         | 6/26/2008     | Magnesium          | 9800   | mg/kg | 64.6,161.1  | 75-125 | 110  | J               | J               |
| TSB-CJ-09-10    | F8F130140008  | SW6020         | 6/26/2008     | Niobium            | < 5.5  | mg/kg | 42.1,46.5   | 75-125 | 5.5  | UJ              | UJ              |
| TSB-CJ-09-10    | F8F130140008  | SW6020         | 6/26/2008     | Potassium          | 1770   | mg/kg | 128.9       | 75-125 | 21.9 | J+              | J+              |
| TSB-CJ-09-10    | F8F130140008  | SW6020         | 6/27/2008     | Silicon            | 523    | mg/kg | 393.7,361.5 | 75-125 | 54.8 | J+              | J               |
| TSB-CJ-09-10    | F8F130140008  | SW6020         | 6/27/2008     | Strontium          | 291    | mg/kg | 74.8        | 75-125 | 1.1  | J-              | J               |
| TSB-CJ-09-10    | F8F130140008  | SW6020         | 6/27/2008     | Titanium           | 593    | mg/kg | 237.7,300.9 | 75-125 | 1.1  | J+              | J+              |
| TSB-CJ-09-10    | F8F130140008  | SW6020         | 6/26/2008     | Zinc               | 33     | mg/kg | 125.7       | 75-125 | 4.4  | J+              | J+              |
| TSB-CJ-09-10    | F8F130140008  | SW7471         | 6/17/2008     | Mercury            | <36.5  | ug/kg | 52.6        | 75-125 | 36.5 | J-              | UJ              |
| TSB-CJ-09-10    | F8F130140008  | SW9071B        | 6/21/2008     | Oil & Grease (HEM) | < 219  | mg/kg | 63,63       | 75-125 | 219  | UJ              | UJ              |
| TSB-FJ-02-02-0  | IRF0782-02    | EPA 300.1 Mod. | 6/19/2008     | Chlorite           | < 210  | ug/kg | 0,19        | 75-125 | 210  | R               | R               |
| TSB-FJ-06-02-0  | IRF0782-06    | EPA 300.1 Mod. | 6/19/2008     | Chlorite           | < 200  | ug/kg | 0,19        | 75-125 | 200  | R               | R               |
| TSB-FR-02-02-0  | IRF0782-01    | EPA 300.1 Mod. | 6/18/2008     | Chlorite           | < 410  | ug/kg | 0,19        | 75-125 | 410  | R               | R               |
| TSB-GJ-08-0     | IRF0782-05    | EPA 300.1 Mod. | 6/19/2008     | Chlorite           | < 210  | ug/kg | 0,19        | 75-125 | 210  | R               | R               |
| TSB-GJ-08-0     | F8F050256005  | SW6010         | 6/11/2008     | Sulfur             | 1360   | mg/kg | 72.8        | 75-125 | 1020 | J-              | J-              |
| TSB-GJ-08-0     | F8F050256005  | SW6020         | 6/12/2008     | Antimony           | < 1    | mg/kg | 47.7,56.6   | 75-125 | 1    | UJ              | UJ              |
| TSB-GJ-08-0     | F8F050256005  | SW6020         | 6/21/2008     | Barium             | 221    | mg/kg | 70.6        | 75-125 | 5.1  | J-              | J-              |
| TSB-GJ-08-0     | F8F050256005  | SW6020         | 6/12/2008     | Chromium (Total)   | 9.8    | mg/kg | 72          | 75-125 | 2    | J-              | J-              |
| TSB-GJ-08-0     | F8F050256005  | SW6020         | 6/12/2008     | Cobalt             | 7.2    | mg/kg | 72.4        | 75-125 | 0.41 | J-              | J-              |
| TSB-GJ-08-0     | F8F050256005  | SW6020         | 6/12/2008     | Copper             | 17.8   | mg/kg | 70.4        | 75-125 | 2    | J-              | J-              |
| TSB-GJ-08-0     | F8F050256005  | SW6020         | 6/12/2008     | Magnesium          | 9220   | mg/kg | 43.2,144.7  | 75-125 | 102  | J               | J               |
| TSB-GJ-08-0     | F8F050256005  | SW6020         | 6/12/2008     | Nickel             | 15.7   | mg/kg | 69.3,50.7   | 75-125 | 1    | J-              | J-              |
| TSB-GJ-08-0     | F8F050256005  | SW6020         | 6/12/2008     | Niobium            | < 5.1  | mg/kg | 44.1        | 75-125 | 5.1  | UJ              | UJ              |

**TABLE 2-6**  
**SUMMARY OF DATA QUALIFIED DUE TO MS/MSD RECOVERY EXCEEDANCES**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
**(Page 2 of 10)**

| Field Sample ID | Lab Sample ID | Method | Analysis Date | Analyte           | Result | Unit  | % Recovery  | Limit  | QL   | Check Qualifier | Final Qualifier |
|-----------------|---------------|--------|---------------|-------------------|--------|-------|-------------|--------|------|-----------------|-----------------|
| TSB-GJ-08-0     | F8F050256005  | SW6020 | 6/12/2008     | Phosphorus (as P) | 984    | mg/kg | 128.2       | 75-125 | 102  | J+              | J+              |
| TSB-GJ-08-0     | F8F050256005  | SW6020 | 6/12/2008     | Potassium         | 1900   | mg/kg | 59.5        | 75-125 | 20.3 | J-              | J-              |
| TSB-GJ-08-0     | F8F050256005  | SW6020 | 6/12/2008     | Selenium          | < 1    | mg/kg | 74.5        | 75-125 | 1    | UJ              | UJ              |
| TSB-GJ-08-0     | F8F050256005  | SW6020 | 6/12/2008     | Silicon           | 149    | mg/kg | 221.9,336.9 | 75-125 | 50.8 | J+              | J+              |
| TSB-GJ-08-0     | F8F050256005  | SW6020 | 6/12/2008     | Strontium         | 158    | mg/kg | 20.7        | 75-125 | 1    | J-              | J               |
| TSB-GJ-08-0     | F8F050256005  | SW6020 | 6/12/2008     | Tungsten          | < 1    | mg/kg | 63.7        | 75-125 | 1    | UJ              | UJ              |
| TSB-GJ-08-0     | F8F050256005  | SW6020 | 6/12/2008     | Vanadium          | 37.6   | mg/kg | 70.8        | 75-125 | 2    | J-              | J-              |
| TSB-GJ-08-0     | F8F050256005  | SW6020 | 6/12/2008     | Zinc              | 52.3   | mg/kg | 53.0,131.6  | 75-125 | 4.1  | J               | J               |
| TSB-GJ-08-0     | F8F050256005  | SW6020 | 6/12/2008     | Zirconium         | 19.4   | mg/kg | 52.8,66.6   | 75-125 | 20.3 | J-              | J-              |
| TSB-GJ-08-10    | F8F120167001  | SW6010 | 6/17/2008     | Lithium           | < 107  | mg/kg | 69.8        | 75-125 | 107  | UJ              | UJ              |
| TSB-GJ-08-10    | F8F120167001  | SW6020 | 6/26/2008     | Antimony          | < 1.3  | mg/kg | 55.2,39.4   | 75-125 | 1.3  | UJ              | UJ              |
| TSB-GJ-08-10    | F8F120167001  | SW6020 | 6/26/2008     | Copper            | 16.4   | mg/kg | 72.5,60.9   | 75-125 | 2.7  | J-              | J-              |
| TSB-GJ-08-10    | F8F120167001  | SW6020 | 6/26/2008     | Nickel            | 15.1   | mg/kg | 71.1        | 75-125 | 1.3  | J-              | J-              |
| TSB-GJ-08-10    | F8F120167001  | SW6020 | 6/26/2008     | Niobium           | < 6.7  | mg/kg | 40.6,29.7   | 75-125 | 6.7  | R               | R               |
| TSB-GJ-08-10    | F8F120167001  | SW6020 | 6/26/2008     | Phosphorus (as P) | 761    | mg/kg | 134.8       | 75-125 | 134  | J+              | J+              |
| TSB-GJ-08-10    | F8F120167001  | SW6020 | 6/27/2008     | Silicon           | 314    | mg/kg | 65.4,44.6   | 75-125 | 66.9 | J-              | J-              |
| TSB-GJ-08-10    | F8F120167001  | SW6020 | 6/26/2008     | Tungsten          | < 1.3  | mg/kg | 60.6        | 75-125 | 1.3  | UJ              | UJ              |
| TSB-GJ-08-10    | F8F120167001  | SW6020 | 6/26/2008     | Vanadium          | 39.1   | mg/kg | 68.4,56.0   | 75-125 | 2.7  | J-              | J-              |
| TSB-GJ-08-10    | F8F120167001  | SW6020 | 6/26/2008     | Zinc              | 30.7   | mg/kg | 62.2        | 75-125 | 5.4  | J-              | J-              |
| TSB-GJ-08-20    | F8F120167002  | SW6010 | 6/17/2008     | Lithium           | 73.5   | mg/kg | 69.8        | 75-125 | 29.8 | J-              | J-              |
| TSB-GJ-08-20    | F8F120167002  | SW6010 | 6/17/2008     | Sulfur            | 6030   | mg/kg | 140.1,135.4 | 75-125 | 2980 | J+              | J+              |
| TSB-GJ-08-20    | F8F120167002  | SW6020 | 6/26/2008     | Antimony          | < 1.2  | mg/kg | 55.2,39.4   | 75-125 | 1.2  | UJ              | UJ              |
| TSB-GJ-08-20    | F8F120167002  | SW6020 | 6/26/2008     | Copper            | 11.4   | mg/kg | 72.5,60.9   | 75-125 | 2.4  | J-              | J-              |
| TSB-GJ-08-20    | F8F120167002  | SW6020 | 6/26/2008     | Nickel            | 11.6   | mg/kg | 71.1        | 75-125 | 1.2  | J-              | J-              |
| TSB-GJ-08-20    | F8F120167002  | SW6020 | 6/26/2008     | Niobium           | < 6    | mg/kg | 40.6,29.7   | 75-125 | 6    | R               | R               |
| TSB-GJ-08-20    | F8F120167002  | SW6020 | 6/26/2008     | Phosphorus (as P) | 484    | mg/kg | 134.8       | 75-125 | 119  | J+              | J+              |
| TSB-GJ-08-20    | F8F120167002  | SW6020 | 6/27/2008     | Silicon           | 323    | mg/kg | 65.4,44.6   | 75-125 | 59.7 | J-              | J               |
| TSB-GJ-08-20    | F8F120167002  | SW6020 | 6/26/2008     | Tungsten          | <1.2   | mg/kg | 60.6        | 75-125 | 1.2  | J-              | UJ              |
| TSB-GJ-08-20    | F8F120167002  | SW6020 | 6/26/2008     | Vanadium          | 42.3   | mg/kg | 68.4,56.0   | 75-125 | 2.4  | J-              | J-              |
| TSB-GJ-08-20    | F8F120167002  | SW6020 | 6/26/2008     | Zinc              | 32.8   | mg/kg | 62.2        | 75-125 | 4.8  | J-              | J-              |
| TSB-GJ-08-30    | F8F120167003  | SW6010 | 6/17/2008     | Lithium           | <180   | mg/kg | 69.8        | 75-125 | 180  | J-              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW6010 | 6/17/2008     | Sulfur            | 2240   | mg/kg | 140.1,135.4 | 75-125 | 4500 | J+              | J+              |
| TSB-GJ-08-30    | F8F120167003  | SW6020 | 6/26/2008     | Antimony          | < 1.8  | mg/kg | 55.2,39.4   | 75-125 | 1.8  | UJ              | UJ              |



**TABLE 2-6**  
**SUMMARY OF DATA QUALIFIED DUE TO MS/MSD RECOVERY EXCEEDANCES**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
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| Field Sample ID | Lab Sample ID | Method         | Analysis Date | Analyte           | Result | Unit  | % Recovery  | Limit  | QL   | Check Qualifier | Final Qualifier |
|-----------------|---------------|----------------|---------------|-------------------|--------|-------|-------------|--------|------|-----------------|-----------------|
| TSB-GJ-08-30    | F8F120167003  | SW6020         | 6/26/2008     | Copper            | 17.8   | mg/kg | 72.5,60.9   | 75-125 | 3.6  | J-              | J-              |
| TSB-GJ-08-30    | F8F120167003  | SW6020         | 6/26/2008     | Nickel            | 11.6   | mg/kg | 71.1        | 75-125 | 1.8  | J-              | J-              |
| TSB-GJ-08-30    | F8F120167003  | SW6020         | 6/26/2008     | Niobium           | < 9    | mg/kg | 40.6,29.7   | 75-125 | 9    | R               | R               |
| TSB-GJ-08-30    | F8F120167003  | SW6020         | 6/26/2008     | Phosphorus (as P) | 590    | mg/kg | 134.8       | 75-125 | 180  | J+              | J+              |
| TSB-GJ-08-30    | F8F120167003  | SW6020         | 6/27/2008     | Silicon           | 913    | mg/kg | 65.4,44.6   | 75-125 | 90   | J-              | J               |
| TSB-GJ-08-30    | F8F120167003  | SW6020         | 6/26/2008     | Tungsten          | < 1.8  | mg/kg | 60.6        | 75-125 | 1.8  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW6020         | 6/26/2008     | Vanadium          | 37.6   | mg/kg | 68.4,56.0   | 75-125 | 3.6  | J-              | J-              |
| TSB-GJ-08-30    | F8F120167003  | SW6020         | 6/26/2008     | Zinc              | 34.1   | mg/kg | 62.2        | 75-125 | 7.2  | J-              | J-              |
| TSB-GJ-08-40    | F8F120167004  | SW6010         | 6/17/2008     | Lithium           | 73.5   | mg/kg | 69.8        | 75-125 | 40.3 | J-              | J-              |
| TSB-GJ-08-40    | F8F120167004  | SW6020         | 6/26/2008     | Antimony          | < 1.6  | mg/kg | 55.2,39.4   | 75-125 | 1.6  | UJ              | UJ              |
| TSB-GJ-08-40    | F8F120167004  | SW6020         | 6/26/2008     | Copper            | 16.4   | mg/kg | 72.5,60.9   | 75-125 | 3.2  | J-              | J-              |
| TSB-GJ-08-40    | F8F120167004  | SW6020         | 6/26/2008     | Nickel            | 16.6   | mg/kg | 71.1        | 75-125 | 1.6  | J-              | J-              |
| TSB-GJ-08-40    | F8F120167004  | SW6020         | 6/26/2008     | Niobium           | < 8.1  | mg/kg | 40.6,29.7   | 75-125 | 8.1  | R               | R               |
| TSB-GJ-08-40    | F8F120167004  | SW6020         | 6/26/2008     | Phosphorus (as P) | 705    | mg/kg | 134.8       | 75-125 | 161  | J+              | J+              |
| TSB-GJ-08-40    | F8F120167004  | SW6020         | 6/27/2008     | Silicon           | 767    | mg/kg | 65.4,44.6   | 75-125 | 80.6 | J-              | J-              |
| TSB-GJ-08-40    | F8F120167004  | SW6020         | 6/26/2008     | Tungsten          | < 1.6  | mg/kg | 60.6        | 75-125 | 1.6  | UJ              | UJ              |
| TSB-GJ-08-40    | F8F120167004  | SW6020         | 6/26/2008     | Vanadium          | 39     | mg/kg | 68.4,56.0   | 75-125 | 3.2  | J-              | J-              |
| TSB-GJ-08-40    | F8F120167004  | SW6020         | 6/26/2008     | Zinc              | 49     | mg/kg | 62.2        | 75-125 | 6.4  | J-              | J-              |
| TSB-GJ-09-0     | IRF0782-03    | EPA 300.1 Mod. | 6/19/2008     | Chlorite          | < 210  | ug/kg | 0,19        | 75-125 | 210  | R               | R               |
| TSB-GJ-09-0     | F8F050256003  | SW6010         | 6/11/2008     | Sulfur            | 1740   | mg/kg | 72.8        | 75-125 | 1030 | J-              | J-              |
| TSB-GJ-09-0     | F8F050256003  | SW6020         | 6/12/2008     | Antimony          | < 1    | mg/kg | 47.7,56.6   | 75-125 | 1    | UJ              | UJ              |
| TSB-GJ-09-0     | F8F050256003  | SW6020         | 6/21/2008     | Barium            | 230    | mg/kg | 70.6        | 75-125 | 5.1  | J-              | J-              |
| TSB-GJ-09-0     | F8F050256003  | SW6020         | 6/12/2008     | Chromium (Total)  | 8.1    | mg/kg | 72          | 75-125 | 2.1  | J-              | J-              |
| TSB-GJ-09-0     | F8F050256003  | SW6020         | 6/12/2008     | Cobalt            | 7.9    | mg/kg | 72.4        | 75-125 | 0.41 | J-              | J-              |
| TSB-GJ-09-0     | F8F050256003  | SW6020         | 6/12/2008     | Copper            | 14     | mg/kg | 70.4        | 75-125 | 2.1  | J-              | J-              |
| TSB-GJ-09-0     | F8F050256003  | SW6020         | 6/12/2008     | Magnesium         | 11300  | mg/kg | 43.2,144.7  | 75-125 | 103  | J               | J               |
| TSB-GJ-09-0     | F8F050256003  | SW6020         | 6/12/2008     | Nickel            | 13.6   | mg/kg | 69.3,50.7   | 75-125 | 1    | J-              | J-              |
| TSB-GJ-09-0     | F8F050256003  | SW6020         | 6/12/2008     | Niobium           | < 5.1  | mg/kg | 44.1        | 75-125 | 5.1  | UJ              | UJ              |
| TSB-GJ-09-0     | F8F050256003  | SW6020         | 6/12/2008     | Phosphorus (as P) | 908    | mg/kg | 128.2       | 75-125 | 103  | J+              | J+              |
| TSB-GJ-09-0     | F8F050256003  | SW6020         | 6/12/2008     | Potassium         | 1520   | mg/kg | 59.5        | 75-125 | 20.5 | J-              | J-              |
| TSB-GJ-09-0     | F8F050256003  | SW6020         | 6/12/2008     | Selenium          | < 1    | mg/kg | 74.5        | 75-125 | 1    | UJ              | UJ              |
| TSB-GJ-09-0     | F8F050256003  | SW6020         | 6/12/2008     | Silicon           | 133    | mg/kg | 221.9,336.9 | 75-125 | 51.3 | J+              | J+              |
| TSB-GJ-09-0     | F8F050256003  | SW6020         | 6/12/2008     | Strontium         | 287    | mg/kg | 20.7        | 75-125 | 1    | J-              | J               |

**TABLE 2-6**  
**SUMMARY OF DATA QUALIFIED DUE TO MS/MSD RECOVERY EXCEEDANCES**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
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| Field Sample ID | Lab Sample ID | Method         | Analysis Date | Analyte           | Result | Unit  | % Recovery  | Limit  | QL   | Check Qualifier | Final Qualifier |
|-----------------|---------------|----------------|---------------|-------------------|--------|-------|-------------|--------|------|-----------------|-----------------|
| TSB-GJ-09-0     | F8F050256003  | SW6020         | 6/12/2008     | Tungsten          | < 1    | mg/kg | 63.7        | 75-125 | 1    | UJ              | UJ              |
| TSB-GJ-09-0     | F8F050256003  | SW6020         | 6/12/2008     | Vanadium          | 33.6   | mg/kg | 70.8        | 75-125 | 2.1  | J-              | J-              |
| TSB-GJ-09-0     | F8F050256003  | SW6020         | 6/12/2008     | Zinc              | 33.5   | mg/kg | 53.0,131.6  | 75-125 | 4.1  | J               | J               |
| TSB-GJ-09-0     | F8F050256003  | SW6020         | 6/12/2008     | Zirconium         | 18.1   | mg/kg | 52.8,66.6   | 75-125 | 20.5 | J-              | J-              |
| TSB-GJ-09-0-FD  | F8F050256004  | SW6010         | 6/11/2008     | Sulfur            | 1410   | mg/kg | 72.8        | 75-125 | 1030 | J-              | J-              |
| TSB-GJ-09-0-FD  | F8F050256004  | SW6020         | 6/12/2008     | Antimony          | < 1    | mg/kg | 47.7,56.6   | 75-125 | 1    | UJ              | UJ              |
| TSB-GJ-09-0-FD  | F8F050256004  | SW6020         | 6/21/2008     | Barium            | 211    | mg/kg | 70.6        | 75-125 | 5.2  | J-              | J-              |
| TSB-GJ-09-0-FD  | F8F050256004  | SW6020         | 6/12/2008     | Chromium (Total)  | 10.3   | mg/kg | 72          | 75-125 | 2.1  | J-              | J-              |
| TSB-GJ-09-0-FD  | F8F050256004  | SW6020         | 6/12/2008     | Cobalt            | 6.9    | mg/kg | 72.4        | 75-125 | 0.41 | J-              | J-              |
| TSB-GJ-09-0-FD  | F8F050256004  | SW6020         | 6/12/2008     | Copper            | 15.3   | mg/kg | 70.4        | 75-125 | 2.1  | J-              | J-              |
| TSB-GJ-09-0-FD  | F8F050256004  | SW6020         | 6/12/2008     | Magnesium         | 13400  | mg/kg | 43.2,144.7  | 75-125 | 103  | J               | J               |
| TSB-GJ-09-0-FD  | F8F050256004  | SW6020         | 6/12/2008     | Nickel            | 15     | mg/kg | 69.3,50.7   | 75-125 | 1    | J-              | J-              |
| TSB-GJ-09-0-FD  | F8F050256004  | SW6020         | 6/12/2008     | Niobium           | < 5.2  | mg/kg | 44.1        | 75-125 | 5.2  | UJ              | UJ              |
| TSB-GJ-09-0-FD  | F8F050256004  | SW6020         | 6/12/2008     | Phosphorus (as P) | 868    | mg/kg | 128.2       | 75-125 | 103  | J+              | J+              |
| TSB-GJ-09-0-FD  | F8F050256004  | SW6020         | 6/12/2008     | Potassium         | 1840   | mg/kg | 59.5        | 75-125 | 20.7 | J-              | J-              |
| TSB-GJ-09-0-FD  | F8F050256004  | SW6020         | 6/12/2008     | Selenium          | < 1    | mg/kg | 74.5        | 75-125 | 1    | UJ              | UJ              |
| TSB-GJ-09-0-FD  | F8F050256004  | SW6020         | 6/12/2008     | Silicon           | 158    | mg/kg | 221.9,336.9 | 75-125 | 51.7 | J+              | J+              |
| TSB-GJ-09-0-FD  | F8F050256004  | SW6020         | 6/12/2008     | Strontium         | 267    | mg/kg | 20.7        | 75-125 | 1    | J-              | J               |
| TSB-GJ-09-0-FD  | F8F050256004  | SW6020         | 6/12/2008     | Tungsten          | < 1    | mg/kg | 63.7        | 75-125 | 1    | UJ              | UJ              |
| TSB-GJ-09-0-FD  | F8F050256004  | SW6020         | 6/12/2008     | Vanadium          | 37.2   | mg/kg | 70.8        | 75-125 | 2.1  | J-              | J-              |
| TSB-GJ-09-0-FD  | F8F050256004  | SW6020         | 6/12/2008     | Zinc              | 35.8   | mg/kg | 53.0,131.6  | 75-125 | 4.1  | J               | J               |
| TSB-GJ-09-0-FD  | F8F050256004  | SW6020         | 6/12/2008     | Zirconium         | 22.2   | mg/kg | 52.8,66.6   | 75-125 | 20.7 | J-              | J-              |
| TSB-GJ-09-0-FD  | IRF0782-04    | EPA 300.1 Mod. | 6/19/2008     | Chlorite          | < 210  | ug/kg | 0,19        | 75-125 | 210  | R               | R               |
| TSB-GJ-09-10    | F8F120180001  | SW6010         | 6/17/2008     | Lithium           | <26.6  | mg/kg | 69.8        | 75-125 | 26.6 | J-              | UJ              |
| TSB-GJ-09-10    | F8F120180001  | SW6010         | 6/17/2008     | Sulfur            | 1740   | mg/kg | 140.1,135.4 | 75-125 | 2660 | J+              | J+              |
| TSB-GJ-09-10    | F8F120180001  | SW6020         | 6/26/2008     | Antimony          | < 1.1  | mg/kg | 55.2,39.4   | 75-125 | 1.1  | UJ              | UJ              |
| TSB-GJ-09-10    | F8F120180001  | SW6020         | 6/26/2008     | Copper            | 14.1   | mg/kg | 72.5,60.9   | 75-125 | 2.1  | J-              | J-              |
| TSB-GJ-09-10    | F8F120180001  | SW6020         | 6/26/2008     | Nickel            | 14.6   | mg/kg | 71.1        | 75-125 | 1.1  | J-              | J-              |
| TSB-GJ-09-10    | F8F120180001  | SW6020         | 6/26/2008     | Niobium           | < 5.3  | mg/kg | 29.7        | 75-125 | 5.3  | R               | R               |
| TSB-GJ-09-10    | F8F120180001  | SW6020         | 6/26/2008     | Phosphorus (as P) | 975    | mg/kg | 134.8       | 75-125 | 106  | J+              | J+              |
| TSB-GJ-09-10    | F8F120180001  | SW6020         | 6/27/2008     | Silicon           | 385    | mg/kg | 65.4,44.6   | 75-125 | 53.2 | J-              | J-              |
| TSB-GJ-09-10    | F8F120180001  | SW6020         | 6/26/2008     | Tungsten          | < 1.1  | mg/kg | 60.6        | 75-125 | 1.1  | UJ              | UJ              |
| TSB-GJ-09-10    | F8F120180001  | SW6020         | 6/26/2008     | Vanadium          | 38.6   | mg/kg | 68.4,56.0   | 75-125 | 2.1  | J-              | J-              |

**TABLE 2-6**  
**SUMMARY OF DATA QUALIFIED DUE TO MS/MSD RECOVERY EXCEEDANCES**  
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**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
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| Field Sample ID | Lab Sample ID | Method  | Analysis Date | Analyte            | Result | Unit  | % Recovery  | Limit  | QL   | Check Qualifier | Final Qualifier |
|-----------------|---------------|---------|---------------|--------------------|--------|-------|-------------|--------|------|-----------------|-----------------|
| TSB-GJ-09-10    | F8F120180001  | SW6020  | 6/26/2008     | Zinc               | 30.1   | mg/kg | 62.2        | 75-125 | 4.3  | J-              | J-              |
| TSB-GJ-09-10    | F8F120180001  | SW9071B | 6/21/2008     | Oil & Grease (HEM) | < 213  | mg/kg | 63,63       | 75-125 | 213  | UJ              | UJ              |
| TSB-GJ-09-20    | F8F120180002  | SW6010  | 6/17/2008     | Lithium            | < 126  | mg/kg | 69.8        | 75-125 | 126  | UJ              | UJ              |
| TSB-GJ-09-20    | F8F120180002  | SW6010  | 6/17/2008     | Sulfur             | 53300  | mg/kg | 140.1,135.4 | 75-125 | 3140 | J+              | J+              |
| TSB-GJ-09-20    | F8F120180002  | SW6020  | 6/26/2008     | Antimony           | < 3.1  | mg/kg | 55.2,39.4   | 75-125 | 3.1  | UJ              | UJ              |
| TSB-GJ-09-20    | F8F120180002  | SW6020  | 6/26/2008     | Copper             | 13.5   | mg/kg | 72.5,60.9   | 75-125 | 6.3  | J-              | J-              |
| TSB-GJ-09-20    | F8F120180002  | SW6020  | 6/26/2008     | Nickel             | 14.7   | mg/kg | 71.1        | 75-125 | 3.1  | J-              | J-              |
| TSB-GJ-09-20    | F8F120180002  | SW6020  | 6/26/2008     | Niobium            | < 15.7 | mg/kg | 29.7        | 75-125 | 15.7 | R               | R               |
| TSB-GJ-09-20    | F8F120180002  | SW6020  | 6/26/2008     | Phosphorus (as P)  | 528    | mg/kg | 134.8       | 75-125 | 314  | J+              | J+              |
| TSB-GJ-09-20    | F8F120180002  | SW6020  | 6/27/2008     | Silicon            | 549    | mg/kg | 65.4,44.6   | 75-125 | 157  | J-              | J-              |
| TSB-GJ-09-20    | F8F120180002  | SW6020  | 6/26/2008     | Tungsten           | < 3.1  | mg/kg | 60.6        | 75-125 | 3.1  | UJ              | UJ              |
| TSB-GJ-09-20    | F8F120180002  | SW6020  | 6/26/2008     | Vanadium           | 57.7   | mg/kg | 68.4,56.0   | 75-125 | 6.3  | J-              | J-              |
| TSB-GJ-09-20    | F8F120180002  | SW6020  | 6/26/2008     | Zinc               | 91.2   | mg/kg | 62.2        | 75-125 | 12.6 | J-              | J-              |
| TSB-GJ-09-20    | F8F120180002  | SW9071B | 6/21/2008     | Oil & Grease (HEM) | < 251  | mg/kg | 63,63       | 75-125 | 251  | UJ              | UJ              |
| TSB-GJ-09-30    | F8F120180003  | SW6010  | 6/17/2008     | Lithium            | 47.4   | mg/kg | 69.8        | 75-125 | 35.8 | J-              | J-              |
| TSB-GJ-09-30    | F8F120180003  | SW6010  | 6/17/2008     | Sulfur             | 1610   | mg/kg | 140.1,135.4 | 75-125 | 3580 | J+              | J+              |
| TSB-GJ-09-30    | F8F120180003  | SW6020  | 6/26/2008     | Antimony           | < 1.4  | mg/kg | 55.2,39.4   | 75-125 | 1.4  | UJ              | UJ              |
| TSB-GJ-09-30    | F8F120180003  | SW6020  | 6/26/2008     | Copper             | 14.8   | mg/kg | 72.5,60.9   | 75-125 | 2.9  | J-              | J-              |
| TSB-GJ-09-30    | F8F120180003  | SW6020  | 6/26/2008     | Nickel             | 13.4   | mg/kg | 71.1        | 75-125 | 1.4  | J-              | J-              |
| TSB-GJ-09-30    | F8F120180003  | SW6020  | 6/26/2008     | Niobium            | < 7.2  | mg/kg | 29.7        | 75-125 | 7.2  | R               | R               |
| TSB-GJ-09-30    | F8F120180003  | SW6020  | 6/26/2008     | Phosphorus (as P)  | 687    | mg/kg | 134.8       | 75-125 | 143  | J+              | J+              |
| TSB-GJ-09-30    | F8F120180003  | SW6020  | 6/27/2008     | Silicon            | 726    | mg/kg | 65.4,44.6   | 75-125 | 71.6 | J-              | J-              |
| TSB-GJ-09-30    | F8F120180003  | SW6020  | 6/26/2008     | Tungsten           | < 1.4  | mg/kg | 60.6        | 75-125 | 1.4  | UJ              | UJ              |
| TSB-GJ-09-30    | F8F120180003  | SW6020  | 6/26/2008     | Vanadium           | 41     | mg/kg | 68.4,56.0   | 75-125 | 2.9  | J-              | J-              |
| TSB-GJ-09-30    | F8F120180003  | SW6020  | 6/26/2008     | Zinc               | 37.2   | mg/kg | 62.2        | 75-125 | 5.7  | J-              | J-              |
| TSB-GJ-09-30    | F8F120180003  | SW9071B | 6/21/2008     | Oil & Grease (HEM) | < 286  | mg/kg | 63,63       | 75-125 | 286  | UJ              | UJ              |
| TSB-GJ-09-40    | F8F120180004  | SW6010  | 6/17/2008     | Lithium            | <157   | mg/kg | 69.8        | 75-125 | 157  | J-              | UJ              |
| TSB-GJ-09-40    | F8F120180004  | SW6010  | 6/17/2008     | Sulfur             | 2030   | mg/kg | 140.1,135.4 | 75-125 | 3930 | J+              | J+              |
| TSB-GJ-09-40    | F8F120180004  | SW6020  | 6/26/2008     | Antimony           | < 1.6  | mg/kg | 55.2,39.4   | 75-125 | 1.6  | UJ              | UJ              |
| TSB-GJ-09-40    | F8F120180004  | SW6020  | 6/26/2008     | Copper             | 16.2   | mg/kg | 72.5,60.9   | 75-125 | 3.1  | J-              | J-              |
| TSB-GJ-09-40    | F8F120180004  | SW6020  | 6/26/2008     | Nickel             | 16.3   | mg/kg | 71.1        | 75-125 | 1.6  | J-              | J-              |
| TSB-GJ-09-40    | F8F120180004  | SW6020  | 6/26/2008     | Niobium            | < 7.9  | mg/kg | 29.7        | 75-125 | 7.9  | R               | R               |
| TSB-GJ-09-40    | F8F120180004  | SW6020  | 6/26/2008     | Phosphorus (as P)  | 572    | mg/kg | 134.8       | 75-125 | 157  | J+              | J+              |

**TABLE 2-6**  
**SUMMARY OF DATA QUALIFIED DUE TO MS/MSD RECOVERY EXCEEDANCES**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
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| Field Sample ID | Lab Sample ID | Method  | Analysis Date | Analyte            | Result | Unit  | % Recovery  | Limit  | QL   | Check Qualifier | Final Qualifier |
|-----------------|---------------|---------|---------------|--------------------|--------|-------|-------------|--------|------|-----------------|-----------------|
| TSB-GJ-09-40    | F8F120180004  | SW6020  | 6/27/2008     | Silicon            | 806    | mg/kg | 65.4,44.6   | 75-125 | 78.6 | J-              | J-              |
| TSB-GJ-09-40    | F8F120180004  | SW6020  | 6/26/2008     | Tungsten           | < 1.6  | mg/kg | 60.6        | 75-125 | 1.6  | UJ              | UJ              |
| TSB-GJ-09-40    | F8F120180004  | SW6020  | 6/26/2008     | Vanadium           | 42.4   | mg/kg | 68.4,56.0   | 75-125 | 3.1  | J-              | J-              |
| TSB-GJ-09-40    | F8F120180004  | SW6020  | 6/26/2008     | Zinc               | 45     | mg/kg | 62.2        | 75-125 | 6.3  | J-              | J-              |
| TSB-GJ-09-40    | F8F120180004  | SW9071B | 6/21/2008     | Oil & Grease (HEM) | < 314  | mg/kg | 63,63       | 75-125 | 314  | UJ              | UJ              |
| TSB-FJ-02-02-0  | F8F050256002  | SW6010  | 6/11/2008     | Sulfur             | 543    | mg/kg | 72.8        | 75-125 | 1020 | J-              | J-              |
| TSB-FJ-02-02-0  | F8F050256002  | SW6020  | 6/12/2008     | Antimony           | < 1    | mg/kg | 47.7,56.6   | 75-125 | 1    | UJ              | UJ              |
| TSB-FJ-02-02-0  | F8F050256002  | SW6020  | 6/21/2008     | Barium             | 237    | mg/kg | 70.6        | 75-125 | 5.1  | J-              | J-              |
| TSB-FJ-02-02-0  | F8F050256002  | SW6020  | 6/12/2008     | Chromium (Total)   | 8.4    | mg/kg | 72          | 75-125 | 2    | J-              | J-              |
| TSB-FJ-02-02-0  | F8F050256002  | SW6020  | 6/12/2008     | Cobalt             | 6.9    | mg/kg | 72.4        | 75-125 | 0.41 | J-              | J-              |
| TSB-FJ-02-02-0  | F8F050256002  | SW6020  | 6/12/2008     | Copper             | 14.1   | mg/kg | 70.4        | 75-125 | 2    | J-              | J-              |
| TSB-FJ-02-02-0  | F8F050256002  | SW6020  | 6/12/2008     | Magnesium          | 9270   | mg/kg | 43.2,144.7  | 75-125 | 102  | J               | J               |
| TSB-FJ-02-02-0  | F8F050256002  | SW6020  | 6/12/2008     | Nickel             | 14.8   | mg/kg | 69.3,50.7   | 75-125 | 1    | J-              | J-              |
| TSB-FJ-02-02-0  | F8F050256002  | SW6020  | 6/12/2008     | Niobium            | < 5.1  | mg/kg | 44.1        | 75-125 | 5.1  | UJ              | UJ              |
| TSB-FJ-02-02-0  | F8F050256002  | SW6020  | 6/12/2008     | Phosphorus (as P)  | 1250   | mg/kg | 128.2       | 75-125 | 102  | J+              | J+              |
| TSB-FJ-02-02-0  | F8F050256002  | SW6020  | 6/12/2008     | Potassium          | 2000   | mg/kg | 59.5        | 75-125 | 20.4 | J-              | J-              |
| TSB-FJ-02-02-0  | F8F050256002  | SW6020  | 6/12/2008     | Selenium           | < 1    | mg/kg | 74.5        | 75-125 | 1    | UJ              | UJ              |
| TSB-FJ-02-02-0  | F8F050256002  | SW6020  | 6/12/2008     | Silicon            | 157    | mg/kg | 221.9,336.9 | 75-125 | 50.9 | J+              | J+              |
| TSB-FJ-02-02-0  | F8F050256002  | SW6020  | 6/12/2008     | Strontium          | 154    | mg/kg | 20.7        | 75-125 | 1    | J-              | J               |
| TSB-FJ-02-02-0  | F8F050256002  | SW6020  | 6/12/2008     | Tungsten           | 9      | mg/kg | 63.7        | 75-125 | 1    | J-              | J-              |
| TSB-FJ-02-02-0  | F8F050256002  | SW6020  | 6/12/2008     | Vanadium           | 34.1   | mg/kg | 70.8        | 75-125 | 2    | J-              | J-              |
| TSB-FJ-02-02-0  | F8F050256002  | SW6020  | 6/12/2008     | Zinc               | 34.4   | mg/kg | 53.0,131.6  | 75-125 | 4.1  | J               | J               |
| TSB-FJ-02-02-0  | F8F050256002  | SW6020  | 6/12/2008     | Zirconium          | 19.7   | mg/kg | 52.8,66.6   | 75-125 | 20.4 | J-              | J-              |
| TSB-FJ-06-02-10 | F8F110173001  | SW6020  | 6/26/2008     | Antimony           | < 1.1  | mg/kg | 50          | 75-125 | 1.1  | UJ              | UJ              |
| TSB-FJ-06-02-10 | F8F110173001  | SW6020  | 6/27/2008     | Barium             | 239    | mg/kg | 61.1,61.0   | 75-125 | 4.3  | J-              | J-              |
| TSB-FJ-06-02-10 | F8F110173001  | SW6020  | 6/26/2008     | Copper             | 15.7   | mg/kg | 73.2        | 75-125 | 2.1  | J-              | J-              |
| TSB-FJ-06-02-10 | F8F110173001  | SW6020  | 6/26/2008     | Magnesium          | 10200  | mg/kg | 43.4,34.8   | 75-125 | 106  | J-              | J-              |
| TSB-FJ-06-02-10 | F8F110173001  | SW6020  | 6/26/2008     | Niobium            | < 5.3  | mg/kg | 38.8,39.3   | 75-125 | 5.3  | UJ              | UJ              |
| TSB-FJ-06-02-10 | F8F110173001  | SW6020  | 6/26/2008     | Phosphorus (as P)  | 1080   | mg/kg | 43.6,63.8   | 75-125 | 106  | J-              | J               |
| TSB-FJ-06-02-10 | F8F110173001  | SW6020  | 6/26/2008     | Tungsten           | <1.1   | mg/kg | 71.5,71.0   | 75-125 | 1.1  | J-              | UJ              |
| TSB-FJ-06-02-10 | F8F110173001  | SW6020  | 6/26/2008     | Zinc               | 32.9   | mg/kg | 74.8        | 75-125 | 4.3  | J-              | J-              |
| TSB-FJ-06-02-20 | F8F110173002  | SW6020  | 6/26/2008     | Antimony           | < 1.6  | mg/kg | 50          | 75-125 | 1.6  | UJ              | UJ              |
| TSB-FJ-06-02-20 | F8F110173002  | SW6020  | 6/27/2008     | Barium             | 56.7   | mg/kg | 61.1,61.0   | 75-125 | 6.4  | J-              | J-              |

**TABLE 2-6**  
**SUMMARY OF DATA QUALIFIED DUE TO MS/MSD RECOVERY EXCEEDANCES**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
**(Page 7 of 10)**

| Field Sample ID | Lab Sample ID | Method | Analysis Date | Analyte           | Result | Unit  | % Recovery  | Limit  | QL   | Check Qualifier | Final Qualifier |
|-----------------|---------------|--------|---------------|-------------------|--------|-------|-------------|--------|------|-----------------|-----------------|
| TSB-FJ-06-02-20 | F8F110173002  | SW6020 | 6/26/2008     | Copper            | 17.8   | mg/kg | 73.2        | 75-125 | 3.2  | J-              | J-              |
| TSB-FJ-06-02-20 | F8F110173002  | SW6020 | 6/26/2008     | Magnesium         | 30700  | mg/kg | 43.4,34.8   | 75-125 | 160  | J-              | J-              |
| TSB-FJ-06-02-20 | F8F110173002  | SW6020 | 6/26/2008     | Niobium           | < 8    | mg/kg | 38.8,39.3   | 75-125 | 8    | UJ              | UJ              |
| TSB-FJ-06-02-20 | F8F110173002  | SW6020 | 6/26/2008     | Phosphorus (as P) | 566    | mg/kg | 43.6,63.8   | 75-125 | 160  | J-              | J               |
| TSB-FJ-06-02-20 | F8F110173002  | SW6020 | 6/26/2008     | Tungsten          | 1.7    | mg/kg | 71.5,71.0   | 75-125 | 1.6  | J-              | J-              |
| TSB-FJ-06-02-20 | F8F110173002  | SW6020 | 6/26/2008     | Zinc              | 41.2   | mg/kg | 74.8        | 75-125 | 6.4  | J-              | J-              |
| TSB-FJ-06-02-30 | F8F110173003  | SW6020 | 6/26/2008     | Antimony          | < 1.3  | mg/kg | 50          | 75-125 | 1.3  | UJ              | UJ              |
| TSB-FJ-06-02-30 | F8F110173003  | SW6020 | 6/27/2008     | Barium            | 30.5   | mg/kg | 61.1,61.0   | 75-125 | 21.5 | J-              | J-              |
| TSB-FJ-06-02-30 | F8F110173003  | SW6020 | 6/26/2008     | Copper            | 9.9    | mg/kg | 73.2        | 75-125 | 2.7  | J-              | J-              |
| TSB-FJ-06-02-30 | F8F110173003  | SW6020 | 6/26/2008     | Magnesium         | 21000  | mg/kg | 43.4,34.8   | 75-125 | 134  | J-              | J-              |
| TSB-FJ-06-02-30 | F8F110173003  | SW6020 | 6/26/2008     | Niobium           | < 6.7  | mg/kg | 38.8,39.3   | 75-125 | 6.7  | UJ              | UJ              |
| TSB-FJ-06-02-30 | F8F110173003  | SW6020 | 6/26/2008     | Phosphorus (as P) | 649    | mg/kg | 43.6,63.8   | 75-125 | 134  | J-              | J               |
| TSB-FJ-06-02-30 | F8F110173003  | SW6020 | 6/26/2008     | Tungsten          | < 1.3  | mg/kg | 71.5,71.0   | 75-125 | 1.3  | UJ              | UJ              |
| TSB-FJ-06-02-30 | F8F110173003  | SW6020 | 6/26/2008     | Zinc              | 27.4   | mg/kg | 74.8        | 75-125 | 5.4  | J-              | J-              |
| TSB-FJ-06-02-0  | F8F050256006  | SW6010 | 6/11/2008     | Sulfur            | 1310   | mg/kg | 72.8        | 75-125 | 1010 | J-              | J-              |
| TSB-FJ-06-02-0  | F8F050256006  | SW6020 | 6/12/2008     | Antimony          | <1     | mg/kg | 47.7,56.6   | 75-125 | 1    | J-              | UJ              |
| TSB-FJ-06-02-0  | F8F050256006  | SW6020 | 6/21/2008     | Barium            | 1420   | mg/kg | 70.6        | 75-125 | 10.1 | J-              | J-              |
| TSB-FJ-06-02-0  | F8F050256006  | SW6020 | 6/12/2008     | Chromium (Total)  | 14.9   | mg/kg | 72          | 75-125 | 2    | J-              | J-              |
| TSB-FJ-06-02-0  | F8F050256006  | SW6020 | 6/12/2008     | Cobalt            | 9.2    | mg/kg | 72.4        | 75-125 | 0.41 | J-              | J-              |
| TSB-FJ-06-02-0  | F8F050256006  | SW6020 | 6/12/2008     | Copper            | 24     | mg/kg | 70.4        | 75-125 | 2    | J-              | J-              |
| TSB-FJ-06-02-0  | F8F050256006  | SW6020 | 6/12/2008     | Magnesium         | 11900  | mg/kg | 43.2,144.7  | 75-125 | 101  | J               | J               |
| TSB-FJ-06-02-0  | F8F050256006  | SW6020 | 6/12/2008     | Nickel            | 17.5   | mg/kg | 69.3,50.7   | 75-125 | 1    | J-              | J-              |
| TSB-FJ-06-02-0  | F8F050256006  | SW6020 | 6/12/2008     | Niobium           | < 5.1  | mg/kg | 44.1        | 75-125 | 5.1  | UJ              | UJ              |
| TSB-FJ-06-02-0  | F8F050256006  | SW6020 | 6/12/2008     | Phosphorus (as P) | 1010   | mg/kg | 128.2       | 75-125 | 101  | J+              | J+              |
| TSB-FJ-06-02-0  | F8F050256006  | SW6020 | 6/12/2008     | Potassium         | 1890   | mg/kg | 59.5        | 75-125 | 20.3 | J-              | J-              |
| TSB-FJ-06-02-0  | F8F050256006  | SW6020 | 6/12/2008     | Selenium          | < 1    | mg/kg | 74.5        | 75-125 | 1    | UJ              | UJ              |
| TSB-FJ-06-02-0  | F8F050256006  | SW6020 | 6/12/2008     | Silicon           | 186    | mg/kg | 221.9,336.9 | 75-125 | 50.7 | J+              | J+              |
| TSB-FJ-06-02-0  | F8F050256006  | SW6020 | 6/12/2008     | Strontium         | 168    | mg/kg | 20.7        | 75-125 | 1    | J-              | J               |
| TSB-FJ-06-02-0  | F8F050256006  | SW6020 | 6/12/2008     | Tungsten          | <1     | mg/kg | 63.7        | 75-125 | 1    | J-              | UJ              |
| TSB-FJ-06-02-0  | F8F050256006  | SW6020 | 6/12/2008     | Vanadium          | 37     | mg/kg | 70.8        | 75-125 | 2    | J-              | J-              |
| TSB-FJ-06-02-0  | F8F050256006  | SW6020 | 6/12/2008     | Zinc              | 62.1   | mg/kg | 53.0,131.6  | 75-125 | 4.1  | J               | J               |
| TSB-FJ-06-02-0  | F8F050256006  | SW6020 | 6/12/2008     | Zirconium         | 21.4   | mg/kg | 52.8,66.6   | 75-125 | 20.3 | J-              | J-              |
| TSB-FR-02-02-0  | F8F050256001  | SW6010 | 6/11/2008     | Sulfur            | 1230   | mg/kg | 72.8        | 75-125 | 1020 | J-              | J-              |

**TABLE 2-6**  
**SUMMARY OF DATA QUALIFIED DUE TO MS/MSD RECOVERY EXCEEDANCES**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
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| Field Sample ID    | Lab Sample ID | Method | Analysis Date | Analyte           | Result | Unit  | % Recovery  | Limit  | QL   | Check Qualifier | Final Qualifier |
|--------------------|---------------|--------|---------------|-------------------|--------|-------|-------------|--------|------|-----------------|-----------------|
| TSB-FR-02-02-0     | F8F050256001  | SW6020 | 6/12/2008     | Antimony          | < 1    | mg/kg | 47.7,56.6   | 75-125 | 1    | UJ              | UJ              |
| TSB-FR-02-02-0     | F8F050256001  | SW6020 | 6/21/2008     | Barium            | 445    | mg/kg | 70.6        | 75-125 | 5.1  | J-              | J-              |
| TSB-FR-02-02-0     | F8F050256001  | SW6020 | 6/12/2008     | Chromium (Total)  | 18.1   | mg/kg | 72          | 75-125 | 2    | J-              | J-              |
| TSB-FR-02-02-0     | F8F050256001  | SW6020 | 6/12/2008     | Cobalt            | 7.7    | mg/kg | 72.4        | 75-125 | 0.41 | J-              | J-              |
| TSB-FR-02-02-0     | F8F050256001  | SW6020 | 6/12/2008     | Copper            | 20.4   | mg/kg | 70.4        | 75-125 | 2    | J-              | J-              |
| TSB-FR-02-02-0     | F8F050256001  | SW6020 | 6/12/2008     | Magnesium         | 12500  | mg/kg | 43.2,144.7  | 75-125 | 102  | J               | J               |
| TSB-FR-02-02-0     | F8F050256001  | SW6020 | 6/12/2008     | Nickel            | 14.8   | mg/kg | 69.3,50.7   | 75-125 | 1    | J-              | J-              |
| TSB-FR-02-02-0     | F8F050256001  | SW6020 | 6/12/2008     | Niobium           | < 5.1  | mg/kg | 44.1        | 75-125 | 5.1  | UJ              | UJ              |
| TSB-FR-02-02-0     | F8F050256001  | SW6020 | 6/12/2008     | Phosphorus (as P) | 950    | mg/kg | 128.2       | 75-125 | 102  | J+              | J+              |
| TSB-FR-02-02-0     | F8F050256001  | SW6020 | 6/12/2008     | Potassium         | 1960   | mg/kg | 59.5        | 75-125 | 20.4 | J-              | J-              |
| TSB-FR-02-02-0     | F8F050256001  | SW6020 | 6/12/2008     | Selenium          | < 1    | mg/kg | 74.5        | 75-125 | 1    | UJ              | UJ              |
| TSB-FR-02-02-0     | F8F050256001  | SW6020 | 6/12/2008     | Silicon           | 158    | mg/kg | 221.9,336.9 | 75-125 | 50.9 | J+              | J+              |
| TSB-FR-02-02-0     | F8F050256001  | SW6020 | 6/12/2008     | Strontium         | 166    | mg/kg | 20.7        | 75-125 | 1    | J-              | J               |
| TSB-FR-02-02-0     | F8F050256001  | SW6020 | 6/12/2008     | Tungsten          | <1     | mg/kg | 63.7        | 75-125 | 1    | J-              | UJ              |
| TSB-FR-02-02-0     | F8F050256001  | SW6020 | 6/12/2008     | Vanadium          | 35.6   | mg/kg | 70.8        | 75-125 | 2    | J-              | J-              |
| TSB-FR-02-02-0     | F8F050256001  | SW6020 | 6/12/2008     | Zinc              | 43.5   | mg/kg | 53.0,131.6  | 75-125 | 4.1  | J               | J               |
| TSB-FR-02-02-0     | F8F050256001  | SW6020 | 6/12/2008     | Zirconium         | 22.6   | mg/kg | 52.8,66.6   | 75-125 | 20.4 | J-              | J-              |
| TSB-FR-02-02-10    | F8F110173004  | SW6020 | 6/26/2008     | Antimony          | < 1.1  | mg/kg | 50          | 75-125 | 1.1  | UJ              | UJ              |
| TSB-FR-02-02-10    | F8F110173004  | SW6020 | 6/27/2008     | Barium            | 126    | mg/kg | 61.1,61.0   | 75-125 | 11.4 | J-              | J-              |
| TSB-FR-02-02-10    | F8F110173004  | SW6020 | 6/26/2008     | Copper            | 15     | mg/kg | 73.2        | 75-125 | 2.3  | J-              | J-              |
| TSB-FR-02-02-10    | F8F110173004  | SW6020 | 6/26/2008     | Magnesium         | 18900  | mg/kg | 43.4,34.8   | 75-125 | 114  | J-              | J-              |
| TSB-FR-02-02-10    | F8F110173004  | SW6020 | 6/26/2008     | Niobium           | < 5.7  | mg/kg | 38.8,39.3   | 75-125 | 5.7  | UJ              | UJ              |
| TSB-FR-02-02-10    | F8F110173004  | SW6020 | 6/26/2008     | Phosphorus (as P) | 1200   | mg/kg | 43.6,63.8   | 75-125 | 114  | J-              | J               |
| TSB-FR-02-02-10    | F8F110173004  | SW6020 | 6/26/2008     | Tungsten          | < 1.1  | mg/kg | 71.5,71.0   | 75-125 | 1.1  | UJ              | UJ              |
| TSB-FR-02-02-10    | F8F110173004  | SW6020 | 6/26/2008     | Zinc              | 26.2   | mg/kg | 74.8        | 75-125 | 4.6  | J-              | J-              |
| TSB-FR-02-02-10-FD | F8F110173005  | SW6020 | 6/26/2008     | Antimony          | < 1.1  | mg/kg | 50          | 75-125 | 1.1  | UJ              | UJ              |
| TSB-FR-02-02-10-FD | F8F110173005  | SW6020 | 6/27/2008     | Barium            | 140    | mg/kg | 61.1,61.0   | 75-125 | 4.3  | J-              | J-              |
| TSB-FR-02-02-10-FD | F8F110173005  | SW6020 | 6/26/2008     | Copper            | 14.6   | mg/kg | 73.2        | 75-125 | 2.1  | J-              | J-              |
| TSB-FR-02-02-10-FD | F8F110173005  | SW6020 | 6/26/2008     | Magnesium         | 12500  | mg/kg | 43.4,34.8   | 75-125 | 107  | J-              | J-              |
| TSB-FR-02-02-10-FD | F8F110173005  | SW6020 | 6/26/2008     | Niobium           | < 5.4  | mg/kg | 38.8,39.3   | 75-125 | 5.4  | UJ              | UJ              |
| TSB-FR-02-02-10-FD | F8F110173005  | SW6020 | 6/26/2008     | Phosphorus (as P) | 1160   | mg/kg | 43.6,63.8   | 75-125 | 107  | J-              | J               |
| TSB-FR-02-02-10-FD | F8F110173005  | SW6020 | 6/26/2008     | Tungsten          | <1.1   | mg/kg | 71.5,71.0   | 75-125 | 1.1  | J-              | UJ              |
| TSB-FR-02-02-10-FD | F8F110173005  | SW6020 | 6/26/2008     | Zinc              | 30     | mg/kg | 74.8        | 75-125 | 4.3  | J-              | J-              |

**TABLE 2-6**  
**SUMMARY OF DATA QUALIFIED DUE TO MS/MSD RECOVERY EXCEEDANCES**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
**(Page 9 of 10)**

| Field Sample ID | Lab Sample ID | Method | Analysis Date | Analyte           | Result | Unit  | % Recovery | Limit  | QL   | Check Qualifier | Final Qualifier |
|-----------------|---------------|--------|---------------|-------------------|--------|-------|------------|--------|------|-----------------|-----------------|
| TSB-FJ-02-02-10 | F8F110177003  | SW6020 | 6/26/2008     | Antimony          | < 1.3  | mg/kg | 50.0,50.0  | 75-125 | 1.3  | UJ              | UJ              |
| TSB-FJ-02-02-10 | F8F110177003  | SW6020 | 6/27/2008     | Barium            | 246    | mg/kg | 61.1,61.0  | 75-125 | 5.3  | J-              | J-              |
| TSB-FJ-02-02-10 | F8F110177003  | SW6020 | 6/26/2008     | Copper            | 22.5   | mg/kg | 73.2       | 75-125 | 2.6  | J-              | J-              |
| TSB-FJ-02-02-10 | F8F110177003  | SW6020 | 6/26/2008     | Magnesium         | 15700  | mg/kg | 43.4,34.8  | 75-125 | 132  | J-              | J-              |
| TSB-FJ-02-02-10 | F8F110177003  | SW6020 | 6/26/2008     | Niobium           | < 6.6  | mg/kg | 38.8,39.3  | 75-125 | 6.6  | UJ              | UJ              |
| TSB-FJ-02-02-10 | F8F110177003  | SW6020 | 6/26/2008     | Phosphorus (as P) | 1190   | mg/kg | 43.6,63.8  | 75-125 | 132  | J-              | J               |
| TSB-FJ-02-02-10 | F8F110177003  | SW6020 | 6/26/2008     | Tungsten          | < 1.3  | mg/kg | 71.5,71.0  | 75-125 | 1.3  | UJ              | UJ              |
| TSB-FJ-02-02-10 | F8F110177003  | SW6020 | 6/26/2008     | Zinc              | 44.2   | mg/kg | 74.8       | 75-125 | 5.3  | J-              | J-              |
| TSB-FJ-02-02-20 | F8F110177004  | SW6020 | 6/26/2008     | Antimony          | < 1.2  | mg/kg | 50.0,50.0  | 75-125 | 1.2  | UJ              | UJ              |
| TSB-FJ-02-02-20 | F8F110177004  | SW6020 | 6/27/2008     | Barium            | 60.1   | mg/kg | 61.1,61.0  | 75-125 | 24.3 | J-              | J-              |
| TSB-FJ-02-02-20 | F8F110177004  | SW6020 | 6/26/2008     | Copper            | 6.4    | mg/kg | 73.2       | 75-125 | 2.4  | J-              | J-              |
| TSB-FJ-02-02-20 | F8F110177004  | SW6020 | 6/26/2008     | Magnesium         | 6180   | mg/kg | 43.4,34.8  | 75-125 | 122  | J-              | J-              |
| TSB-FJ-02-02-20 | F8F110177004  | SW6020 | 6/26/2008     | Niobium           | < 6.1  | mg/kg | 38.8,39.3  | 75-125 | 6.1  | UJ              | UJ              |
| TSB-FJ-02-02-20 | F8F110177004  | SW6020 | 6/26/2008     | Phosphorus (as P) | 382    | mg/kg | 43.6,63.8  | 75-125 | 122  | J-              | J               |
| TSB-FJ-02-02-20 | F8F110177004  | SW6020 | 6/26/2008     | Tungsten          | < 1.2  | mg/kg | 71.5,71.0  | 75-125 | 1.2  | UJ              | UJ              |
| TSB-FJ-02-02-20 | F8F110177004  | SW6020 | 6/26/2008     | Zinc              | 13.2   | mg/kg | 74.8       | 75-125 | 4.9  | J-              | J-              |
| TSB-FJ-02-02-30 | F8F110177005  | SW6020 | 6/26/2008     | Antimony          | < 1.3  | mg/kg | 50.0,50.0  | 75-125 | 1.3  | UJ              | UJ              |
| TSB-FJ-02-02-30 | F8F110177005  | SW6020 | 6/27/2008     | Barium            | 91.2   | mg/kg | 61.1,61.0  | 75-125 | 26   | J-              | J-              |
| TSB-FJ-02-02-30 | F8F110177005  | SW6020 | 6/26/2008     | Copper            | 13     | mg/kg | 73.2       | 75-125 | 2.6  | J-              | J-              |
| TSB-FJ-02-02-30 | F8F110177005  | SW6020 | 6/26/2008     | Magnesium         | 12100  | mg/kg | 43.4,34.8  | 75-125 | 130  | J-              | J-              |
| TSB-FJ-02-02-30 | F8F110177005  | SW6020 | 6/26/2008     | Niobium           | < 6.5  | mg/kg | 38.8,39.3  | 75-125 | 6.5  | UJ              | UJ              |
| TSB-FJ-02-02-30 | F8F110177005  | SW6020 | 6/26/2008     | Phosphorus (as P) | 703    | mg/kg | 43.6,63.8  | 75-125 | 130  | J-              | J               |
| TSB-FJ-02-02-30 | F8F110177005  | SW6020 | 6/26/2008     | Tungsten          | < 1.3  | mg/kg | 71.5,71.0  | 75-125 | 1.3  | UJ              | UJ              |
| TSB-FJ-02-02-30 | F8F110177005  | SW6020 | 6/26/2008     | Zinc              | 25.9   | mg/kg | 74.8       | 75-125 | 5.2  | J-              | J-              |
| TSB-FR-02-02-20 | F8F110177001  | SW6020 | 6/26/2008     | Antimony          | < 1.1  | mg/kg | 50.0,50.0  | 75-125 | 1.1  | UJ              | UJ              |
| TSB-FR-02-02-20 | F8F110177001  | SW6020 | 6/27/2008     | Barium            | 85.3   | mg/kg | 61.1,61.0  | 75-125 | 11.1 | J-              | J-              |
| TSB-FR-02-02-20 | F8F110177001  | SW6020 | 6/26/2008     | Copper            | 8.2    | mg/kg | 73.2       | 75-125 | 2.2  | J-              | J-              |
| TSB-FR-02-02-20 | F8F110177001  | SW6020 | 6/26/2008     | Magnesium         | 4390   | mg/kg | 43.4,34.8  | 75-125 | 111  | J-              | J-              |
| TSB-FR-02-02-20 | F8F110177001  | SW6020 | 6/26/2008     | Niobium           | < 5.6  | mg/kg | 38.8,39.3  | 75-125 | 5.6  | UJ              | UJ              |
| TSB-FR-02-02-20 | F8F110177001  | SW6020 | 6/26/2008     | Phosphorus (as P) | 317    | mg/kg | 43.6,63.8  | 75-125 | 111  | J-              | J               |
| TSB-FR-02-02-20 | F8F110177001  | SW6020 | 6/26/2008     | Tungsten          | < 1.1  | mg/kg | 71.5,71.0  | 75-125 | 1.1  | UJ              | UJ              |
| TSB-FR-02-02-20 | F8F110177001  | SW6020 | 6/26/2008     | Zinc              | 18.1   | mg/kg | 74.8       | 75-125 | 4.4  | J-              | J-              |
| TSB-FR-02-02-30 | F8F110177002  | SW6020 | 6/26/2008     | Antimony          | < 3.6  | mg/kg | 50.0,50.0  | 75-125 | 3.6  | UJ              | UJ              |

**TABLE 2-6**  
**SUMMARY OF DATA QUALIFIED DUE TO MS/MSD RECOVERY EXCEEDANCES**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
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| Field Sample ID | Lab Sample ID | Method | Analysis Date | Analyte           | Result | Unit  | % Recovery | Limit  | QL   | Check Qualifier | Final Qualifier |
|-----------------|---------------|--------|---------------|-------------------|--------|-------|------------|--------|------|-----------------|-----------------|
| TSB-FR-02-02-30 | F8F110177002  | SW6020 | 6/27/2008     | Barium            | 56.2   | mg/kg | 61.1,61.0  | 75-125 | 14.4 | J-              | J-              |
| TSB-FR-02-02-30 | F8F110177002  | SW6020 | 6/26/2008     | Copper            | 28.8   | mg/kg | 73.2       | 75-125 | 7.2  | J-              | J-              |
| TSB-FR-02-02-30 | F8F110177002  | SW6020 | 6/26/2008     | Magnesium         | 45100  | mg/kg | 43.4,34.8  | 75-125 | 361  | J-              | J-              |
| TSB-FR-02-02-30 | F8F110177002  | SW6020 | 6/26/2008     | Niobium           | < 18   | mg/kg | 38.8,39.3  | 75-125 | 18   | UJ              | UJ              |
| TSB-FR-02-02-30 | F8F110177002  | SW6020 | 6/26/2008     | Phosphorus (as P) | 812    | mg/kg | 43.6,63.8  | 75-125 | 361  | J-              | J               |
| TSB-FR-02-02-30 | F8F110177002  | SW6020 | 6/26/2008     | Tungsten          | < 3.6  | mg/kg | 71.5,71.0  | 75-125 | 3.6  | UJ              | UJ              |
| TSB-FR-02-02-30 | F8F110177002  | SW6020 | 6/26/2008     | Zinc              | 65     | mg/kg | 74.8       | 75-125 | 14.4 | J-              | J-              |

ID - identification

U - non-detect result due to blank contamination

J - estimated value.

UJ - non-detect estimated quantitation limit

R - rejected value.

mg/kg - milligram per kilogram

ug/kg - microgram per kilogram

QL - quantitation limit

- Result is biased low

+ Result is biased high



**TABLE 2-7**  
**SUMMARY OF DATA QUALIFIED DUE TO LCS RECOVERY EXCEEDANCES**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**

**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**

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| Field Sample ID | Lab Sample ID | Method | Analysis Date | Analyte                 | Result | Unit | % Recovery | Limits | QL  | Check Qualifier | Final Qualifier |
|-----------------|---------------|--------|---------------|-------------------------|--------|------|------------|--------|-----|-----------------|-----------------|
| RINSATE 1       | F8F120137001  | SW6020 | 6/25/2008     | Palladium               | < 0.5  | ug/l | 81         | 85-115 | 0.5 | UJ              | UJ              |
| TSB-GJ-08-40    | F8F120167004  | SW8290 | 6/28/2008     | Octachlorodibenzodioxin | 12     | pg/g | 154        | 74-144 |     | J+              | J               |

ID - identification

UJ - non-detect estimated quantitation limit

J - estimated value.

ug/l - microgram per liter

pg/g- picogram per gram

QL - quantitation limit

**TABLE 2-8**  
**SUMMARY OF DATA QUALIFIED DUE TO FIELD DUPLICATES**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
**(Page 1 of 2)**

| Field Sample ID    | Lab Sample ID | Method        | Analysis Date | Analyte                               | Result | Unit  | RPD or Difference  | Limit  | QL   | Check Qualifier | Final Qualifier |
|--------------------|---------------|---------------|---------------|---------------------------------------|--------|-------|--------------------|--------|------|-----------------|-----------------|
| TSB-GJ-09-0        | F8F050256003  | E300          | 6/17/2008     | Bromide                               | 8.5    | mg/kg | Diff = 3.4         | ≤2.6   | 2.6  | J               | J               |
| TSB-GJ-09-0        | F8F050256003  | E300.0        | 6/17/2008     | Bromine                               | 17.1   | mg/kg | Diff = 7           | ≤5.2   | 5.1  | J               | J               |
| TSB-GJ-09-0        | 209755001     | EPA 903.1 mod | 6/23/2008     | Radium-226                            | 1.07   | pCi/g | Diff = 0.15        | 1      | 1    | J               | J               |
| TSB-GJ-09-0        | 209755001     | EPA 904.0 mod | 6/20/2008     | Radium-228                            | 2.32   | pCi/g | Diff = 1.47        | 1      | 1    | J               | J               |
| TSB-GJ-09-0        | F8F050256003  | SW8290        | 6/28/2008     | 1,2,3,4,6,7,8-Heptachlorodibenzofuran | 7.7    | pg/g  | Diff = 5.2         | ≤2.5   |      | J               | J               |
| TSB-GJ-09-0        | F8F050256003  | SW8290        | 6/28/2008     | 1,2,3,4,7,8,9-Heptachlorodibenzofuran | 2.8    | pg/g  | Diff = 1.6         | ≤1.2   |      | J               | J               |
| TSB-GJ-09-0        | F8F050256003  | SW8290        | 6/28/2008     | 2,3,4,7,8-Pentachlorodibenzofuran     | 2.5    | pg/g  | Diff = 1.3         | ≤1.2   |      | J               | J               |
| TSB-GJ-09-0        | F8F050256003  | SW8290        | 6/28/2008     | Octachlorodibenzodioxin               | 31     | pg/g  | RPD = 102          | ≤50    |      | J               | J               |
| TSB-GJ-09-0        | F8F050256003  | SW8290        | 6/28/2008     | Octachlorodibenzofuran                | 19     | pg/g  | Diff = 14.9        | ≤4.1   |      | J               | J               |
| TSB-GJ-09-0-FD     | F8F050256004  | E300          | 6/17/2008     | Bromide                               | 5.1    | mg/kg | Diff = 3.4         | ≤2.6   | 2.6  | J               | J               |
| TSB-GJ-09-0-FD     | F8F050256004  | E300.0        | 6/17/2008     | Bromine                               | 10.1   | mg/kg | Diff = 7           | ≤5.2   | 5.2  | J               | J               |
| TSB-GJ-09-0-FD     | F8F050256004  | SW8290        | 6/28/2008     | 1,2,3,4,6,7,8-Heptachlorodibenzofuran | < 2.5  | pg/g  | Diff = 5.2         | ≤2.5   | 2.5  | UJ              | UJ              |
| TSB-GJ-09-0-FD     | F8F050256004  | SW8290        | 6/28/2008     | 1,2,3,4,7,8,9-Heptachlorodibenzofuran | < 1.2  | pg/g  | Diff = 1.6         | ≤1.2   | 1.2  | UJ              | UJ              |
| TSB-GJ-09-0-FD     | F8F050256004  | SW8290        | 6/28/2008     | 2,3,4,7,8-Pentachlorodibenzofuran     | < 1.2  | pg/g  | Diff = 1.3         | ≤1.2   | 1.2  | UJ              | UJ              |
| TSB-GJ-09-0-FD     | F8F050256004  | SW8290        | 6/28/2008     | Octachlorodibenzodioxin               | 10     | pg/g  | RPD = 102          | ≤50    |      | J               | J               |
| TSB-GJ-09-0-FD     | F8F050256004  | SW8290        | 6/28/2008     | Octachlorodibenzofuran                | < 4.1  | pg/g  | Diff = 14.9        | ≤4.1   | 4.1  | UJ              | UJ              |
| TSB-GJ-09-0-FD     | 209755002     | EPA 903.1 mod | 6/23/2008     | Radium-226                            | 0.920  | pCi/g | Diff = 0.15        | 1      | 1    | J               | J               |
| TSB-GJ-09-0-FD     | 209755002     | EPA 904.0 mod | 6/20/2008     | Radium-228                            | 0.850  | pCi/g | Diff = 1.47        | 1      | 1    | J               | J               |
| TSB-FR-02-02-10    | F8F110173004  | E300          | 6/19/2008     | Chloride                              | 22.6   | mg/kg | RPD = 69           | RPD≤50 | 2.3  | J               | J               |
| TSB-FR-02-02-10    | F8F110173004  | E300          | 6/19/2008     | Fluoride                              | 3      | mg/kg | Difference = 1.2   | ≤1.1   | 1.1  | J               | J               |
| TSB-FR-02-02-10    | F8F110173004  | E300          | 6/19/2008     | Nitrate (as N)                        | 1.5    | mg/kg | Difference = 0.85  | ≤0.21  | 0.23 | J               | J               |
| TSB-FR-02-02-10    | F8F110173004  | E300          | 6/19/2008     | Sulfate                               | 305    | mg/kg | RPD = 54           | RPD≤50 | 57   | J               | J               |
| TSB-FR-02-02-10    | F8F110173004  | E300.0        | 6/19/2008     | Chlorine                              | 45.3   | mg/kg | RPD = 69           | RPD≤50 | 4.6  | J               | J               |
| TSB-FR-02-02-10    | 210150004     | EPA 903.1 mod | 6/27/2008     | Radium-226                            | 2.31   | pCi/g | Diff = 1.07        | ≤1     | 1    | J               | J               |
| TSB-FR-02-02-10    | 210150004     | EPA 904.0 mod | 7/14/2008     | Radium-228                            | 1.67   | pCi/g | Diff = 1.228       | ≤1     | 1    | J               | J               |
| TSB-FR-02-02-10    | 210150004     | HASL-300      | 7/2/2008      | Uranium-238                           | 0.696  | pCi/g | Difference = 1.034 | ≤1     | 1    | J               | J               |
| TSB-FR-02-02-10    | F8F110173004  | SW6020        | 6/27/2008     | Calcium                               | 60100  | mg/kg | RPD = 92           | RPD≤50 | 285  | J               | J               |
| TSB-FR-02-02-10-FD | F8F110173005  | E300          | 6/19/2008     | Chloride                              | 11     | mg/kg | RPD = 69           | RPD≤50 | 2.1  | J               | J               |
| TSB-FR-02-02-10-FD | F8F110173005  | E300          | 6/19/2008     | Fluoride                              | 1.8    | mg/kg | Difference = 1.2   | ≤1.1   | 1.1  | J               | J               |
| TSB-FR-02-02-10-FD | F8F110173005  | E300          | 6/19/2008     | Nitrate (as N)                        | 0.65   | mg/kg | Difference = 0.85  | ≤0.21  | 0.21 | J               | J               |
| TSB-FR-02-02-10-FD | F8F110173005  | E300          | 6/19/2008     | Sulfate                               | 175    | mg/kg | RPD = 54           | RPD≤50 | 5.4  | J               | J               |
| TSB-FR-02-02-10-FD | F8F110173005  | E300.0        | 6/19/2008     | Chlorine                              | 22     | mg/kg | RPD = 69           | RPD≤50 | 4.3  | J               | J               |

**TABLE 2-8**  
**SUMMARY OF DATA QUALIFIED DUE TO FIELD DUPLICATES**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
**(Page 2 of 2)**

| Field Sample ID    | Lab Sample ID | Method        | Analysis Date | Analyte     | Result | Unit  | RPD or Difference  | Limit  | QL  | Check Qualifier | Final Qualifier |
|--------------------|---------------|---------------|---------------|-------------|--------|-------|--------------------|--------|-----|-----------------|-----------------|
| TSB-FR-02-02-10-FD | 210150005     | EPA 903.1 mod | 6/27/2008     | Radium-226  | 1.24   | pCi/g | Diff = 1.07        | ≤1     | 1   | J               | J               |
| TSB-FR-02-02-10-FD | 210150005     | EPA 904.0 mod | 7/14/2008     | Radium-228  | <0.442 | pCi/g | Diff = 1.228       | ≤1     | 1   | UJ              | UJ              |
| TSB-FR-02-02-10-FD | 210150005     | HASL-300      | 7/2/2008      | Uranium-238 | 1.73   | pCi/g | Difference = 1.034 | ≤1     | 1   | J               | J               |
| TSB-FR-02-02-10-FD | F8F110173005  | SW6020        | 6/27/2008     | Calcium     | 22200  | mg/kg | RPD = 92           | RPD≤50 | 107 | J               | J               |

ID - identification

RPD - relative percent difference

J - estimated value.

UJ - non-detect estimated quantitation limit

mg/kg - milligram per kilogram

pg/g- picogram per gram

pCi/g - picoCuries per gram

QL - quantitation limit

**TABLE 2-9**  
**SUMMARY OF DATA QUALIFIED DUE FOR LABORATORY DUPLICATES**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
**(Page 1 of 1)**

| Field Sample ID    | Lab Sample ID | Method        | Analysis Date | Analyte     | Result | Unit  | RPD, DER, or Difference | Limit | QL | Check Qualifier | Final Qualifier |
|--------------------|---------------|---------------|---------------|-------------|--------|-------|-------------------------|-------|----|-----------------|-----------------|
| TSB-CJ-09-0        | 210334001     | HASL-300      | 6/21/2008     | Thorium-228 | 2.86   | pCi/g | Difference = 1.52       | ≤1    | 1  | J               | J               |
| TSB-CJ-09-0        | 210334001     | HASL-300      | 6/21/2008     | Thorium-230 | 1.87   | pCi/g | Difference = 1.88       | ≤1    | 1  | J               | J               |
| TSB-CJ-09-10       | 210334002     | HASL-300      | 6/21/2008     | Thorium-228 | 4.94   | pCi/g | Difference = 1.52       | ≤1    | 1  | J               | J               |
| TSB-CJ-09-10       | 210334002     | HASL-300      | 6/21/2008     | Thorium-230 | 3.38   | pCi/g | Difference = 1.88       | ≤1    | 1  | J               | J               |
| TSB-FJ-02-02-10    | 210150008     | EPA 904.0 mod | 7/14/2008     | Radium-228  | 1.74   | pCi/g | Difference = 1.44       | ≤1    | 1  | J               | J               |
| TSB-FJ-02-02-20    | 210150009     | EPA 904.0 mod | 7/14/2008     | Radium-228  | 1.42   | pCi/g | Difference = 1.44       | ≤1    | 1  | J               | J               |
| TSB-FJ-02-02-30    | 210150010     | EPA 904.0 mod | 7/14/2008     | Radium-228  | 1.41   | pCi/g | Difference = 1.44       | ≤1    | 1  | J               | J               |
| TSB-FJ-06-02-10    | 210150001     | EPA 904.0 mod | 7/14/2008     | Radium-228  | 1.38   | pCi/g | Difference = 1.44       | ≤1    | 1  | J               | J               |
| TSB-FJ-06-02-20    | 210150002     | EPA 904.0 mod | 7/14/2008     | Radium-228  | 1.04   | pCi/g | Difference = 1.44       | ≤1    | 1  | J               | J               |
| TSB-FJ-06-02-30    | 210150003     | EPA 904.0 mod | 7/14/2008     | Radium-228  | 1.59   | pCi/g | Difference = 1.44       | ≤1    | 1  | J               | J               |
| TSB-FR-02-02-10    | 210150004     | EPA 904.0 mod | 7/14/2008     | Radium-228  | 1.67   | pCi/g | Difference = 1.44       | ≤1    | 1  | J               | J               |
| TSB-FR-02-02-10-FD | 210150005     | EPA 904.0 mod | 7/14/2008     | Radium-228  | <0.442 | pCi/g | Difference = 1.44       | ≤1    | 1  | UJ              | UJ              |
| TSB-FR-02-02-20    | 210150006     | EPA 904.0 mod | 7/14/2008     | Radium-228  | 1.35   | pCi/g | Difference = 1.44       | ≤1    | 1  | J               | J               |
| TSB-FR-02-02-30    | 210150007     | EPA 904.0 mod | 7/14/2008     | Radium-228  | 0.956  | pCi/g | Difference = 1.44       | ≤1    | 1  | J               | J               |
| TSB-GJ-08-10       | 210228001     | EPA 904.0 mod | 7/14/2008     | Radium-228  | 2.73   | pCi/g | Difference = 1.44       | ≤1    | 1  | J               | J               |
| TSB-GJ-08-20       | 210228002     | EPA 904.0 mod | 7/14/2008     | Radium-228  | 1.61   | pCi/g | Difference = 1.44       | ≤1    | 1  | J               | J               |
| TSB-GJ-08-30       | 210228003     | EPA 904.0 mod | 7/14/2008     | Radium-228  | 1.58   | pCi/g | Difference = 1.44       | ≤1    | 1  | J               | J               |
| TSB-GJ-08-40       | 210228004     | EPA 904.0 mod | 7/14/2008     | Radium-228  | 1.83   | pCi/g | Difference = 1.44       | ≤1    | 1  | J               | J               |
| TSB-GJ-09-10       | 210228005     | EPA 904.0 mod | 7/14/2008     | Radium-228  | 1.71   | pCi/g | Difference = 1.44       | ≤1    | 1  | J               | J               |
| TSB-GJ-09-20       | 210228006     | EPA 904.0 mod | 7/14/2008     | Radium-228  | 1.5    | pCi/g | Difference = 1.44       | ≤1    | 1  | J               | J               |
| TSB-GJ-09-30       | 210228007     | EPA 904.0 mod | 7/14/2008     | Radium-228  | 1.21   | pCi/g | Difference = 1.44       | ≤1    | 1  | J               | J               |
| TSB-GJ-09-40       | 210228008     | EPA 904.0 mod | 7/14/2008     | Radium-228  | <0.905 | pCi/g | Difference = 1.44       | ≤1    | 1  | UJ              | UJ              |

ID - identification

RPD - relative percent difference

DER - duplicate error ratio

J - estimated value.

UJ - non-detect estimated quantitation limit

pCi/g - picoCuries per gram

QL - quantitation limit

**TABLE 2-10**  
**SUMMARY OF DATA QUALIFIED DUE TO SURROGATE RECOVERY EXCEEDANCES**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**

**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**

(Page 1 of 1)

| Field Sample ID | Lab Sample ID | Method         | Analysis Date | Analyte                | Result | Unit  | % Recovery | Limit  | QL   | Check Qualifier | Final Qualifier |
|-----------------|---------------|----------------|---------------|------------------------|--------|-------|------------|--------|------|-----------------|-----------------|
| RINSATE 1       | F8F120137001  | SW8260         | 6/20/2008     | Dichloromethane        | 3.3    | ug/l  | 116        | 66-115 | 1    | J+              | J+              |
| RINSATE 1       | F8F120137001  | SW8310         | 6/19/2008     | Acenaphthene           | < 5    | ug/l  | 60         | 70-130 | 5    | UJ              | UJ              |
| RINSATE 1       | F8F120137001  | SW8310         | 6/19/2008     | Acenaphthylene         | < 5    | ug/l  | 60         | 70-130 | 5    | UJ              | UJ              |
| RINSATE 1       | F8F120137001  | SW8310         | 6/19/2008     | Anthracene             | < 1    | ug/l  | 60         | 70-130 | 1    | UJ              | UJ              |
| RINSATE 1       | F8F120137001  | SW8310         | 6/19/2008     | Benzo(a)anthracene     | < 1    | ug/l  | 60         | 70-130 | 1    | UJ              | UJ              |
| RINSATE 1       | F8F120137001  | SW8310         | 6/19/2008     | Benzo(a)pyrene         | < 1    | ug/l  | 60         | 70-130 | 1    | UJ              | UJ              |
| RINSATE 1       | F8F120137001  | SW8310         | 6/19/2008     | Benzo(b)fluoranthene   | < 1    | ug/l  | 60         | 70-130 | 1    | UJ              | UJ              |
| RINSATE 1       | F8F120137001  | SW8310         | 6/19/2008     | Benzo(g,h,i)perylene   | < 1    | ug/l  | 60         | 70-130 | 1    | UJ              | UJ              |
| RINSATE 1       | F8F120137001  | SW8310         | 6/19/2008     | Benzo(k)fluoranthene   | < 1    | ug/l  | 60         | 70-130 | 1    | UJ              | UJ              |
| RINSATE 1       | F8F120137001  | SW8310         | 6/19/2008     | Chrysene               | < 1    | ug/l  | 60         | 70-130 | 1    | UJ              | UJ              |
| RINSATE 1       | F8F120137001  | SW8310         | 6/19/2008     | Dibenzo(a,h)anthracene | < 1    | ug/l  | 60         | 70-130 | 1    | UJ              | UJ              |
| RINSATE 1       | F8F120137001  | SW8310         | 6/19/2008     | Indeno(1,2,3-cd)pyrene | < 1    | ug/l  | 60         | 70-130 | 1    | UJ              | UJ              |
| RINSATE 1       | F8F120137001  | SW8310         | 6/19/2008     | Phenanthrene           | < 1    | ug/l  | 60         | 70-130 | 1    | UJ              | UJ              |
| RINSATE 1       | F8F120137001  | SW8310         | 6/19/2008     | Pyrene                 | < 1    | ug/l  | 60         | 70-130 | 1    | UJ              | UJ              |
| TSB-CJ-09-0     | F8F130140004  | SW8081         | 6/19/2008     | 2,4-DDE                | 9.7    | ug/kg | 314        | 61-137 | 1.8  | J+              | J+              |
| TSB-CJ-09-0     | F8F130140004  | SW8081         | 6/19/2008     | 4,4-DDE                | 16     | ug/kg | 314        | 61-137 | 1.8  | J+              | J+              |
| TSB-CJ-09-0     | F8F130140004  | SW8081         | 6/19/2008     | 4,4-DDT                | 6.6    | ug/kg | 314        | 61-137 | 1.8  | J+              | J+              |
| TSB-CJ-09-0     | F8F130140004  | SW8081         | 6/19/2008     | beta-BHC               | 51     | ug/kg | 314        | 61-137 | 1.8  | J+              | X               |
| TSB-CJ-09-0     | F8F130140004  | SW8081         | 6/19/2008     | gamma-Chlordane        | 2.4    | ug/kg | 314        | 61-137 | 1.8  | J+              | J+              |
| TSB-FJ-06-02-20 | IRF1297-02    | EPA 300.1 Mod. | 6/26/2008     | Chlorite               | 250    | ug/kg | 87.8       | 90-125 | 1200 | J-              | J-              |
| TSB-GJ-08-20    | F8F120167002  | M8015D         | 6/17/2008     | TPH (as Diesel)        | < 30   | mg/kg | 41         | 75-150 | 30   | UJ              | UJ              |
| TSB-GJ-09-10    | IRF1296-01    | EPA 300.1 Mod. | 6/26/2008     | Chlorite               | < 1100 | ug/kg | 89         | 90-115 | 1100 | UJ              | UJ              |
| TSB-GJ-09-20    | IRF1296-02    | EPA 300.1 Mod. | 6/26/2008     | Chlorite               | < 1500 | ug/kg | 86         | 90-115 | 1500 | UJ              | UJ              |
| TSB-FJ-06-02-0  | F8F050256006  | SW8081         | 6/13/2008     | 2,4-DDE                | 20     | ug/kg | 160        | 63-117 | 1.7  | J+              | J+              |
| TSB-FJ-06-02-0  | F8F050256006  | SW8081         | 6/13/2008     | 4,4-DDE                | 26     | ug/kg | 160        | 63-117 | 1.7  | J+              | J+              |
| TSB-FJ-06-02-0  | F8F050256006  | SW8081         | 6/13/2008     | 4,4-DDT                | 16     | ug/kg | 160        | 63-117 | 1.7  | J+              | J               |
| TSB-FJ-06-02-0  | F8F050256006  | SW8081         | 6/13/2008     | alpha-BHC              | 2      | ug/kg | 160        | 63-117 | 1.7  | J+              | J+              |
| TSB-FJ-06-02-0  | F8F050256006  | SW8081         | 6/13/2008     | beta-BHC               | 65     | ug/kg | 160        | 63-117 | 1.7  | J+              | X               |
| TSB-FJ-06-02-0  | F8F050256006  | SW8081         | 6/13/2008     | Endrin aldehyde        | 6.8    | ug/kg | 160        | 63-117 | 1.7  | J+              | J+              |
| TSB-FJ-06-02-0  | F8F050256006  | SW8082         | 6/12/2008     | Aroclor 1254           | 290    | ug/kg | 189        | 51-150 | 33   | J+              | J+              |

ID - identification

U - non-detect result due to blank contamination

J - estimated value.

UJ - non-detect estimated quantitation limit

X - removed value; replaced by a more accurate and precise value.

ug/l - microgram per liter

ug/kg- micrograms per kilogram

mg/kg- milligram per kilogram

QL - quantitation limit

+ Result is biased high

**TABLE 2-11**  
**SUMMARY OF DATA QUALIFIED DUE TO CALIBRATION VIOLATIONS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
**(Page 1 of 6)**

| Field Sample ID | Lab Sample ID | Method | Analysis Date | Analyte                         | Result | Unit  | Violation  | Limits                      | QL   | Check Qualifier | Final Qualifier |
|-----------------|---------------|--------|---------------|---------------------------------|--------|-------|--|-----------------------------|------|-----------------|-----------------|
| RINSATE 1       | F8F120137001  | SW8260 | 6/20/2008     | Methyl n-butyl ketone           | < 5    | ug/l  | CCAL %D =25.04476  | %D ≤25                      | 5    | UJ              | UJ              |
| RINSATE 1       | F8F120137001  | SW8270 | 6/19/2008     | Hydroxymethyl phthalimide       | < 10   | ug/l  | ICAL RRF = 0.04408<br>CCAL RRF = 0.04523                         | RRF ≥0.05                   | 10   | UJ              | UJ              |
| RINSATE 1       | F8F120137001  | SW8270 | 6/19/2008     | Phthalic acid                   | < 1000 | ug/l  | ICAL RRF = 0.01422<br>CCAL %D = 25.06818<br>CCAL RRF = 0.01066   | RRF ≥0.05                   | 1000 | UJ              | UJ              |
| RINSATE-2       | F8F130140001  | SW6020 | 6/25/2008     | Thallium                        | 1.5    | ug/l  | CCV %R = 113.4   | 90-110                      | 2    | J+              | J+              |
| RINSATE-2       | F8F130140001  | SW8260 | 6/19/2008     | Methyl n-butyl ketone           | < 5    | ug/l  | CCAL %D = 25.04476   | %D ≤25%                     | 5    | UJ              | UJ              |
| RINSATE-2       | F8F130140001  | SW8270 | 6/20/2008     | Hydroxymethyl phthalimide       | < 10   | ug/l  | ICAL RRF = 0.04408;<br>CCAL RRF = 0.04523                        | ≥0.05;<br>≥0.05             | 10   | UJ              | UJ              |
| RINSATE-2       | F8F130140001  | SW8270 | 6/20/2008     | Phthalic acid                   | < 1000 | ug/l  | ICAL RRF = 0.01422;<br>CCAL %D = 25.06878;<br>CCAL RRF = 0.01066 | ≥0.05;<br>%D ≤25%;<br>≥0.05 | 1000 | UJ              | UJ              |
| TB-1 6/11/08    | F8F120167005  | SW8260 | 6/19/2008     | Methyl n-butyl ketone           | < 5    | ug/l  | CCAL %D =25.04476  | %D ≤25                      | 5    | UJ              | UJ              |
| TB-1 6/12/08    | F8F130140009  | SW8260 | 6/19/2008     | Methyl n-butyl ketone           | < 5    | ug/l  | CCAL %D = 25.04476   | %D ≤25%                     | 5    | UJ              | UJ              |
| TB-2            | F8F130140002  | SW8260 | 6/19/2008     | Methyl n-butyl ketone           | < 5    | ug/l  | CCAL %D = 25.04476   | %D ≤25%                     | 5    | UJ              | UJ              |
| TB-2 6/11/08    | F8F120180005  | SW8260 | 6/19/2008     | Methyl n-butyl ketone           | < 5    | ug/l  | CCAL %D =25.04476  | %D ≤ 25                     | 5    | UJ              | UJ              |
| TB-2 6/12/08    | F8F130140010  | SW8260 | 6/19/2008     | Methyl n-butyl ketone           | < 5    | ug/l  | CCAL %D = 25.04476   | %D ≤25%                     | 5    | UJ              | UJ              |
| TB-3            | F8F120137002  | SW8260 | 6/19/2008     | Methyl n-butyl ketone           | < 5    | ug/l  | CCAL %D =25.04476  | %D ≤25                      | 5    | UJ              | UJ              |
| TB-4            | F8F050256015  | SW8260 | 6/10/2008     | Acetonitrile                    | < 10   | ug/l  | ICAL RRF = 0.00984;<br>CCAL RRF = 0.00933                        | ≥0.05;<br>≥0.05             | 10   | UJ              | UJ              |
| TB-4            | F8F050256015  | SW8260 | 6/10/2008     | Ethanol                         | < 250  | ug/l  | ICAL RRF = 0.00361   | ≥0.05                       | 250  | UJ              | UJ              |
| TB-4            | F8F050256015  | SW8260 | 6/10/2008     | Methyl ethyl ketone             | < 5    | ug/l  | ICAL RRF = 0.03111;<br>CCAL RRF = 0.02516                        | ≥0.05;<br>≥0.05             | 5    | UJ              | UJ              |
| TSB-CJ-09-0     | F8F130140004  | SW8260 | 6/16/2008     | Ethanol                         | < 260  | ug/kg | ICAL RRF = 0.00221;<br>CCAL RRF = 0.00209                        | ≥0.05;<br>≥0.05             | 260  | UJ              | UJ              |
| TSB-CJ-09-0     | F8F130140004  | SW8270 | 6/20/2008     | Hydroxymethyl phthalimide       | < 340  | ug/kg | ICAL RRF = 0.04408   | ≥0.05;<br>≥0.05             | 340  | UJ              | UJ              |
| TSB-CJ-09-0     | F8F130140004  | SW8270 | 6/20/2008     | Phthalic acid                   | 400    | ug/kg | ICAL RRF = 0.01422;<br>CCAL %D = 25.06878;<br>CCAL RRF = 0.01066 | ≥0.05;<br>%D ≤25%;<br>≥0.05 | 1700 | J               | J               |
| TSB-CJ-09-0     | F8F130140004  | SW8290 | 7/3/2008      | 2,3,7,8-Tetrachlorodibenzofuran | 2200   | pg/g  | RCAL %D = 57.3, 71.8   | ≤30                         |      | J+              | J               |
| TSB-CJ-09-10    | F8F130140008  | SW8260 | 6/16/2008     | Ethanol                         | < 270  | ug/kg | ICAL RRF = 0.00221;<br>CCAL RRF = 0.00209                        | ≥0.05;<br>≥0.05             | 270  | UJ              | UJ              |
| TSB-CJ-09-10    | F8F130140008  | SW8270 | 6/20/2008     | Hydroxymethyl phthalimide       | < 360  | ug/kg | ICAL RRF = 0.04408   | ≥0.05;<br>≥0.05             | 360  | UJ              | UJ              |
| TSB-CJ-09-10    | F8F130140008  | SW8270 | 6/20/2008     | Phthalic acid                   | < 1800 | ug/kg | ICAL RRF = 0.01422;<br>CCAL %D = 25.06878;<br>CCAL RRF = 0.01066 | ≥0.05;<br>%D ≤25%;<br>≥0.05 | 1800 | UJ              | UJ              |
| TSB-GJ-08-0     | F8F050256005  | E300   | 6/17/2008     | Chlorate                        | < 5.1  | mg/kg | CCAL not performed   | Perform CCAL                | 5.1  | UJ              | UJ              |
| TSB-GJ-08-0     | F8F050256005  | SW8260 | 6/9/2008      | Ethanol                         | < 250  | ug/kg | ICAL RRF = 0.00086;<br>CCAL RRF = 0.00079                        | ≥0.05;<br>≥0.05             | 250  | UJ              | UJ              |

**TABLE 2-11**  
**SUMMARY OF DATA QUALIFIED DUE TO CALIBRATION VIOLATIONS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
**(Page 2 of 6)**

| Field Sample ID | Lab Sample ID | Method | Analysis Date | Analyte                         | Result | Unit  | Violation  | Limits                  | QL   | Check Qualifier | Final Qualifier |
|-----------------|---------------|--------|---------------|---------------------------------|--------|-------|--|-------------------------|------|-----------------|-----------------|
| TSB-GJ-08-0     | F8F050256005  | SW8270 | 6/12/2008     | Hydroxymethyl phthalimide       | < 340  | ug/kg | CCAL %D = 46.18722   | ≤25                     | 340  | UJ              | UJ              |
| TSB-GJ-08-0     | F8F050256005  | SW8270 | 6/12/2008     | Phthalic acid                   | < 1600 | ug/kg | ICAL RRF = 0.02848;<br>CCAL %D = 58.34506;<br>CCAL RRF = 0.01186 | ≥0.05;<br>≤25;<br>≥0.05 | 1600 | UJ              | UJ              |
| TSB-GJ-08-0     | F8F050256005  | SW8290 | 6/28/2008     | 2,3,7,8-Tetrachlorodibenzofuran | 17     | pg/g  | CCAL %D = 57.3   | ≤30                     |      | J               | J               |
| TSB-GJ-08-0     | F8F050256005  | SW8310 | 6/11/2008     | Benzo(k)fluoranthene            | 59     | ug/kg | %D = 16.6  | %D ≤15                  | 15   | J+              | J+              |
| TSB-GJ-08-10    | F8F120167001  | SW8260 | 6/16/2008     | Ethanol                         | < 270  | ug/kg | ICAL RRF = 0.00221;<br>CCAL RRF = 0.00209                        | ≥0.05;<br>≥0.05         | 270  | UJ              | UJ              |
| TSB-GJ-08-10    | F8F120167001  | SW8270 | 6/19/2008     | Hydroxymethyl phthalimide       | < 350  | ug/kg | ICAL RRF = 0.04408<br>CCAL RRF = 0.04331                         | RRF ≥0.05               | 350  | UJ              | UJ              |
| TSB-GJ-08-10    | F8F120167001  | SW8270 | 6/19/2008     | Phthalic acid                   | < 1700 | ug/kg | ICAL RRF = 0.01422<br>CCAL %D = 25.06818<br>CCAL RRF = 0.01330   | RRF ≥0.05<br>%D ≤25     | 1700 | UJ              | UJ              |
| TSB-GJ-08-20    | F8F120167002  | SW8260 | 6/16/2008     | Ethanol                         | < 300  | ug/kg | ICAL RRF = 0.00221;<br>CCAL RRF = 0.00209                        | ≥0.05;<br>≥0.05         | 300  | UJ              | UJ              |
| TSB-GJ-08-20    | F8F120167002  | SW8270 | 6/19/2008     | Hydroxymethyl phthalimide       | < 390  | ug/kg | ICAL RRF = 0.04408<br>CCAL RRF = 0.04331                         | RRF ≥0.05               | 390  | UJ              | UJ              |
| TSB-GJ-08-20    | F8F120167002  | SW8270 | 6/19/2008     | Phthalic acid                   | < 1900 | ug/kg | ICAL RRF = 0.01422<br>CCAL %D = 25.06818<br>CCAL RRF = 0.01330   | RRF ≥0.05<br>%D ≤25     | 1900 | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8260 | 6/16/2008     | Ethanol                         | < 450  | ug/kg | ICAL RRF = 0.00221<br>CCAL RRF = 0.00209                         | RRF ≥0.05               | 450  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Hydroxymethyl phthalimide       | < 590  | ug/kg | ICAL RRF = 0.04408<br>CCAL RRF = 0.04523                         | RRF ≥0.05               | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Phthalic acid                   | < 2900 | ug/kg | ICAL RRF = 0.01422<br>CCAL %D = 25.06818<br>CCAL RRF = 0.01066   | RRF ≥0.05<br>%D ≤25     | 2900 | UJ              | UJ              |
| TSB-GJ-08-40    | F8F120167004  | SW8260 | 6/16/2008     | Ethanol                         | < 400  | ug/kg | ICAL RRF = 0.00221<br>CCAL RRF = 0.00209                         | RRF ≥0.05               | 400  | UJ              | UJ              |
| TSB-GJ-08-40    | F8F120167004  | SW8270 | 6/19/2008     | Hydroxymethyl phthalimide       | < 530  | ug/kg | ICAL RRF = 0.04408<br>CCAL RRF = 0.04523                         | RRF ≥0.05               | 530  | UJ              | UJ              |
| TSB-GJ-08-40    | F8F120167004  | SW8270 | 6/19/2008     | Phthalic acid                   | < 2600 | ug/kg | ICAL RRF = 0.01422<br>CCAL %D = 25.06818<br>CCAL RRF = 0.01066   | RRF ≥0.05<br>%D ≤25     | 2600 | UJ              | UJ              |
| TSB-GJ-09-0     | F8F050256003  | E300   | 6/17/2008     | Chlorate                        | 253    | mg/kg | CCAL not performed   | Perform CCAL            | 51.3 | J               | J               |
| TSB-GJ-09-0     | F8F050256003  | SW8081 | 6/13/2008     | 4,4-DDE                         | 16     | ug/kg | CCAL %D = 15.7   | ≤15                     | 8.7  | J+              | J+              |
| TSB-GJ-09-0     | F8F050256003  | SW8260 | 6/9/2008      | Ethanol                         | < 260  | ug/kg | ICAL RRF = 0.00221<br>CCAL RRF = 0.00209                         | RRF ≥0.05               | 260  | UJ              | UJ              |
| TSB-GJ-09-0     | F8F050256003  | SW8270 | 6/12/2008     | Hydroxymethyl phthalimide       | < 340  | ug/kg | CCAL %D = 46.18722   | ≤25                     | 340  | UJ              | UJ              |
| TSB-GJ-09-0     | F8F050256003  | SW8270 | 6/12/2008     | Phthalic acid                   | < 1600 | ug/kg | ICAL RRF = 0.02848;<br>CCAL %D = 58.34506;<br>CCAL RRF = 0.01186 | ≥0.05;<br>≤25;<br>≥0.05 | 1600 | UJ              | UJ              |
| TSB-GJ-09-0     | F8F050256003  | SW8290 | 6/28/2008     | 2,3,7,8-Tetrachlorodibenzofuran | 4      | pg/g  | CCAL %D = 57.3   | ≤30                     |      | J               | J               |

**TABLE 2-11**  
**SUMMARY OF DATA QUALIFIED DUE TO CALIBRATION VIOLATIONS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
**(Page 3 of 6)**

| Field Sample ID | Lab Sample ID | Method | Analysis Date | Analyte                         | Result | Unit  | Violation  | Limits                  | QL   | Check Qualifier | Final Qualifier |
|-----------------|---------------|--------|---------------|---------------------------------|--------|-------|--|-------------------------|------|-----------------|-----------------|
| TSB-GJ-09-0-FD  | F8F050256004  | E300   | 6/17/2008     | Chlorate                        | 185    | mg/kg | CCAL not performed   | Perform CCAL            | 5.2  | J               | J               |
| TSB-GJ-09-0-FD  | F8F050256004  | SW8081 | 6/13/2008     | 4,4-DDE                         | 14     | ug/kg | CCAL %D = 15.7   | ≤15                     | 8.8  | J+              | J+              |
| TSB-GJ-09-0-FD  | F8F050256004  | SW8260 | 6/9/2008      | Ethanol                         | < 260  | ug/kg | ICAL RRF = 0.00221<br>CCAL RRF = 0.00209                         | RRF ≥0.05               | 260  | UJ              | UJ              |
| TSB-GJ-09-0-FD  | F8F050256004  | SW8270 | 6/12/2008     | Hydroxymethyl phthalimide       | < 340  | ug/kg | CCAL %D = 46.18722   | ≤25                     | 340  | UJ              | UJ              |
| TSB-GJ-09-0-FD  | F8F050256004  | SW8270 | 6/12/2008     | Phthalic acid                   | < 1700 | ug/kg | ICAL RRF = 0.02848;<br>CCAL %D = 58.34506;<br>CCAL RRF = 0.01186 | ≥0.05;<br>≤25;<br>≥0.05 | 1700 | UJ              | UJ              |
| TSB-GJ-09-0-FD  | F8F050256004  | SW8290 | 6/28/2008     | 2,3,7,8-Tetrachlorodibenzofuran | 2.6    | pg/g  | CCAL %D = 57.3   | ≤30                     |      | J               | J               |
| TSB-GJ-09-10    | F8F120180001  | SW8260 | 6/16/2008     | Ethanol                         | < 270  | ug/kg | ICAL RRF = 0.00221<br>CCAL RRF = 0.00209                         | RRF ≥ 0.05              | 270  | UJ              | UJ              |
| TSB-GJ-09-10    | F8F120180001  | SW8270 | 6/19/2008     | Hydroxymethyl phthalimide       | < 350  | ug/kg | ICAL RRF = 0.04408<br>CCAL RRF = 0.04523                         | RRF ≥0.05               | 350  | UJ              | UJ              |
| TSB-GJ-09-10    | F8F120180001  | SW8270 | 6/19/2008     | Phthalic acid                   | < 1700 | ug/kg | ICAL RRF = 0.01422<br>CCAL %D = 25.06878<br>CCAL RRF = 0.01066   | RRF ≥0.05<br>%D ≤25     | 1700 | UJ              | UJ              |
| TSB-GJ-09-20    | F8F120180002  | SW8260 | 6/16/2008     | Ethanol                         | < 310  | ug/kg | ICAL RRF = 0.00221<br>CCAL RRF = 0.00209                         | RRF ≥ 0.05              | 310  | UJ              | UJ              |
| TSB-GJ-09-20    | F8F120180002  | SW8270 | 6/19/2008     | Hydroxymethyl phthalimide       | < 410  | ug/kg | ICAL RRF = 0.04408<br>CCAL RRF = 0.04523                         | RRF ≥0.05               | 410  | UJ              | UJ              |
| TSB-GJ-09-20    | F8F120180002  | SW8270 | 6/19/2008     | Phthalic acid                   | < 2000 | ug/kg | ICAL RRF = 0.01422<br>CCAL %D = 25.06878<br>CCAL RRF = 0.01066   | RRF ≥0.05<br>%D ≤25     | 2000 | UJ              | UJ              |
| TSB-GJ-09-30    | F8F120180003  | SW8260 | 6/16/2008     | Ethanol                         | < 360  | ug/kg | ICAL RRF = 0.00221<br>CCAL RRF = 0.00209                         | RRF ≥ 0.05              | 360  | UJ              | UJ              |
| TSB-GJ-09-30    | F8F120180003  | SW8270 | 6/19/2008     | Hydroxymethyl phthalimide       | < 470  | ug/kg | ICAL RRF = 0.04408<br>CCAL RRF = 0.04523                         | RRF ≥0.05               | 470  | UJ              | UJ              |
| TSB-GJ-09-30    | F8F120180003  | SW8270 | 6/19/2008     | Phthalic acid                   | < 2300 | ug/kg | ICAL RRF = 0.01422<br>CCAL %D = 25.06878<br>CCAL RRF = 0.01066   | RRF ≥0.05<br>%D ≤25     | 2300 | UJ              | UJ              |
| TSB-GJ-09-40    | F8F120180004  | SW8260 | 6/16/2008     | Ethanol                         | < 390  | ug/kg | ICAL RRF = 0.00221<br>CCAL RRF = 0.00209                         | RRF ≥ 0.05              | 390  | UJ              | UJ              |
| TSB-GJ-09-40    | F8F120180004  | SW8270 | 6/19/2008     | Hydroxymethyl phthalimide       | < 520  | ug/kg | ICAL RRF = 0.04408<br>CCAL RRF = 0.04523                         | RRF ≥0.05               | 520  | UJ              | UJ              |
| TSB-GJ-09-40    | F8F120180004  | SW8270 | 6/19/2008     | Phthalic acid                   | < 2500 | ug/kg | ICAL RRF = 0.01422<br>CCAL %D = 25.06878<br>CCAL RRF = 0.01066   | RRF ≥0.05<br>%D ≤25     | 2500 | UJ              | UJ              |
| RINSATE 1       | F8F050256019  | SW8270 | 6/13/2008     | Hydroxymethyl phthalimide       | < 10   | ug/l  | ICAL RRF = 0.04408;<br>CCAL RRF = 0.04523                        | ≥0.05;<br>≥0.05         | 10   | UJ              | UJ              |
| RINSATE 1       | F8F050256019  | SW8270 | 6/13/2008     | Phthalic acid                   | < 1000 | ug/l  | ICAL RRF = 0.01422;<br>CCAL %D = 25.06818;<br>CCAL RRF = 0.01066 | ≥0.05;<br>≤25;<br>≥0.05 | 1000 | UJ              | UJ              |



**TABLE 2-11**  
**SUMMARY OF DATA QUALIFIED DUE TO CALIBRATION VIOLATIONS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
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| Field Sample ID | Lab Sample ID | Method | Analysis Date | Analyte                         | Result | Unit  | Violation  | Limits                           | QL   | Check Qualifier | Final Qualifier |
|-----------------|---------------|--------|---------------|---------------------------------|--------|-------|--|----------------------------------|------|-----------------|-----------------|
| TB-1            | F8F050256017  | SW8260 | 6/10/2008     | Acetonitrile                    | < 10   | ug/l  | ICAL RRF = 0.00984;<br>CCAL RRF = 0.00933                        | ≥0.05;<br>≥0.05                  | 10   | UJ              | UJ              |
| TB-1            | F8F050256017  | SW8260 | 6/10/2008     | Ethanol                         | < 250  | ug/l  | ICAL RRF = 0.00361   | ≥0.05                            | 250  | UJ              | UJ              |
| TB-1            | F8F050256017  | SW8260 | 6/10/2008     | Methyl ethyl ketone             | < 5    | ug/l  | ICAL RRF = 0.03111;<br>CCAL RRF = 0.02516                        | ≥0.05;<br>≥0.05                  | 5    | UJ              | UJ              |
| TB-1 6/10/08    | F8F110173006  | SW8260 | 6/19/2008     | Methyl n-butyl ketone           | < 5    | ug/l  | CCAL %D = 25.04476   | ≤25                              | 5    | UJ              | UJ              |
| TB-2            | F8F050256014  | SW8260 | 6/10/2008     | Acetonitrile                    | < 10   | ug/l  | ICAL RRF = 0.00984;<br>CCAL RRF = 0.00933                        | ≥0.05;<br>≥0.05                  | 10   | UJ              | UJ              |
| TB-2            | F8F050256014  | SW8260 | 6/10/2008     | Ethanol                         | < 250  | ug/l  | ICAL RRF = 0.00361   | ≥0.05                            | 250  | UJ              | UJ              |
| TB-2            | F8F050256014  | SW8260 | 6/10/2008     | Methyl ethyl ketone             | < 5    | ug/l  | ICAL RRF = 0.03111;<br>CCAL RRF = 0.02516                        | ≥0.05;<br>≥0.05                  | 5    | UJ              | UJ              |
| TB-3            | F8F050256016  | SW8260 | 6/10/2008     | Acetonitrile                    | < 10   | ug/l  | ICAL RRF = 0.00984;<br>CCAL RRF = 0.00933                        | ≥0.05;<br>≥0.05                  | 10   | UJ              | UJ              |
| TB-3            | F8F050256016  | SW8260 | 6/10/2008     | Ethanol                         | < 250  | ug/l  | ICAL RRF = 0.00361   | ≥0.05                            | 250  | UJ              | UJ              |
| TB-3            | F8F050256016  | SW8260 | 6/10/2008     | Methyl ethyl ketone             | < 5    | ug/l  | ICAL RRF = 0.03111;<br>CCAL RRF = 0.02516                        | ≥0.05;<br>≥0.05                  | 5    | UJ              | UJ              |
| TB-5            | F8F050256018  | SW8260 | 6/10/2008     | Acetonitrile                    | < 10   | ug/l  | ICAL RRF = 0.00984;<br>CCAL RRF = 0.00933                        | ≥0.05;<br>≥0.05                  | 10   | UJ              | UJ              |
| TB-5            | F8F050256018  | SW8260 | 6/10/2008     | Ethanol                         | < 250  | ug/l  | ICAL RRF = 0.00361   | ≥0.05                            | 250  | UJ              | UJ              |
| TB-5            | F8F050256018  | SW8260 | 6/10/2008     | Methyl ethyl ketone             | < 5    | ug/l  | ICAL RRF = 0.03111;<br>CCAL RRF = 0.02516                        | ≥0.05;<br>≥0.05                  | 5    | UJ              | UJ              |
| TSB-FJ-02-02-0  | F8F050256002  | E300   | 6/16/2008     | Chlorate                        | 1.4    | mg/kg | Continuing calibration<br>was not performed                      | calibration must be<br>performed | 5.1  | J               | J               |
| TSB-FJ-02-02-0  | F8F050256002  | SW8260 | 6/9/2008      | Ethanol                         | < 250  | ug/kg | ICAL RRF = 0.00086;<br>CCAL RRF = 0.00079                        | ≥0.05;<br>≥0.05                  | 250  | UJ              | UJ              |
| TSB-FJ-02-02-0  | F8F050256002  | SW8270 | 6/12/2008     | Hydroxymethyl phthalimide       | < 340  | ug/kg | CCAL %D = 46.18722   | ≤25                              | 340  | UJ              | UJ              |
| TSB-FJ-02-02-0  | F8F050256002  | SW8270 | 6/12/2008     | Phthalic acid                   | < 1600 | ug/kg | ICAL RRF = 0.02848;<br>CCAL %D = 58.34506;<br>CCAL RRF = 0.01186 | ≥0.05;<br>≤25;<br>≥0.05          | 1600 | UJ              | UJ              |
| TSB-FJ-02-02-0  | F8F050256002  | SW8290 | 6/28/2008     | 2,3,7,8-Tetrachlorodibenzofuran | 190    | pg/g  | CCAL %D = 57.3   | ≤30                              |      | J+              | J               |
| TSB-FJ-06-02-10 | F8F110173001  | SW8260 | 6/12/2008     | Dichloromethane                 | < 5.3  | ug/kg | CCAL %D = 29.90220   | ≤25                              | 5.3  | UJ              | UJ              |
| TSB-FJ-06-02-10 | F8F110173001  | SW8260 | 6/12/2008     | Ethanol                         | < 270  | ug/kg | ICAL RRF = 0.00148   | ≥0.05                            | 270  | UJ              | UJ              |
| TSB-FJ-06-02-10 | F8F110173001  | SW8270 | 6/18/2008     | Hydroxymethyl phthalimide       | < 350  | ug/kg | ICAL RRF = 0.04408;<br>CCAL RRF = 0.04331                        | ≥0.05;<br>≥0.05                  | 350  | UJ              | UJ              |
| TSB-FJ-06-02-10 | F8F110173001  | SW8270 | 6/18/2008     | Phthalic acid                   | < 1700 | ug/kg | ICAL RRF = 0.01422;<br>CCAL RRF = 0.01330                        | ≥0.05;<br>≥0.05                  | 1700 | UJ              | UJ              |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | Dichloromethane                 | < 6.4  | ug/kg | CCAL %D = 29.90220   | ≤25                              | 6.4  | UJ              | UJ              |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | Ethanol                         | < 320  | ug/kg | ICAL RRF = 0.00148   | ≥0.05                            | 320  | UJ              | UJ              |
| TSB-FJ-06-02-20 | F8F110173002  | SW8270 | 6/19/2008     | Hydroxymethyl phthalimide       | < 420  | ug/kg | ICAL RRF = 0.04408;<br>CCAL RRF = 0.04331                        | ≥0.05;<br>≥0.05                  | 420  | UJ              | UJ              |
| TSB-FJ-06-02-20 | F8F110173002  | SW8270 | 6/19/2008     | Phthalic acid                   | < 2100 | ug/kg | ICAL RRF = 0.01422;<br>CCAL RRF = 0.01330                        | ≥0.05;<br>≥0.05                  | 2100 | UJ              | UJ              |
| TSB-FJ-06-02-30 | F8F110173003  | SW8260 | 6/12/2008     | Dichloromethane                 | < 5.4  | ug/kg | CCAL %D = 29.90220   | ≤25                              | 5.4  | UJ              | UJ              |

**TABLE 2-11**  
**SUMMARY OF DATA QUALIFIED DUE TO CALIBRATION VIOLATIONS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
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| Field Sample ID    | Lab Sample ID | Method | Analysis Date | Analyte                         | Result | Unit  | Violation  | Limits                           | QL   | Check Qualifier | Final Qualifier |
|--------------------|---------------|--------|---------------|---------------------------------|--------|-------|--|----------------------------------|------|-----------------|-----------------|
| TSB-FJ-06-02-30    | F8F110173003  | SW8260 | 6/12/2008     | Ethanol                         | < 270  | ug/kg | ICAL RRF = 0.00148   | ≥0.05                            | 270  | UJ              | UJ              |
| TSB-FJ-06-02-30    | F8F110173003  | SW8270 | 6/19/2008     | Hydroxymethyl phthalimide       | < 350  | ug/kg | ICAL RRF = 0.04408;<br>CCAL RRF = 0.04331                        | ≥0.05;<br>≥0.05                  | 350  | UJ              | UJ              |
| TSB-FJ-06-02-30    | F8F110173003  | SW8270 | 6/19/2008     | Phthalic acid                   | < 1700 | ug/kg | ICAL RRF = 0.01422;<br>CCAL RRF = 0.01330                        | ≥0.05;<br>≥0.05                  | 1700 | UJ              | UJ              |
| TSB-FJ-06-02-0     | F8F050256006  | E300   | 6/17/2008     | Chlorate                        | 62.2   | mg/kg | Continuing calibration<br>was not performed                      | calibration must be<br>performed | 5.1  | J               | J               |
| TSB-FJ-06-02-0     | F8F050256006  | SW8260 | 6/9/2008      | Ethanol                         | < 250  | ug/kg | ICAL RRF = 0.00086;<br>CCAL RRF = 0.00079                        | ≥0.05;<br>≥0.05                  | 250  | UJ              | UJ              |
| TSB-FJ-06-02-0     | F8F050256006  | SW8270 | 6/12/2008     | Hydroxymethyl phthalimide       | 150    | ug/kg | CCAL %D = 46.18722   | ≤25                              | 330  | J-              | J-              |
| TSB-FJ-06-02-0     | F8F050256006  | SW8270 | 6/12/2008     | Phthalic acid                   | 760    | ug/kg | ICAL RRF = 0.02848;<br>CCAL %D = 58.34506;<br>CCAL RRF = 0.01186 | ≥0.05;<br>≤25;<br>≥0.05          | 1600 | J,J-,J          | J               |
| TSB-FJ-06-02-0     | F8F050256006  | SW8290 | 6/28/2008     | 2,3,7,8-Tetrachlorodibenzofuran | 87     | pg/g  | CCAL %D = 57.3   | ≤30                              |      | J+              | J+              |
| TSB-FJ-06-02-0     | F8F050256006  | SW8310 | 6/11/2008     | Benzo(a)anthracene              | 120    | ug/kg | CCAL %D = 15.5   | ≤15                              | 15   | J+              | J+              |
| TSB-FJ-06-02-0     | F8F050256006  | SW8310 | 6/11/2008     | Benzo(k)fluoranthene            | 51     | ug/kg | CCAL %D = 15.2;<br>CCAL %D = 16.6                                | ≤15;<br>≤15                      | 15   | J+              | J+              |
| TSB-FR-02-02-0     | F8F050256001  | E300   | 6/16/2008     | Chlorate                        | 310    | mg/kg | Continuing calibration<br>was not performed                      | calibration must be<br>performed | 50.9 | J               | J               |
| TSB-FR-02-02-0     | F8F050256001  | SW8081 | 6/13/2008     | 4,4-DDD                         | 13     | ug/kg | CCAL %D = 16.9   | ≤15                              | 8.7  | J+              | J+              |
| TSB-FR-02-02-0     | F8F050256001  | SW8260 | 6/9/2008      | Ethanol                         | < 250  | ug/kg | ICAL RRF = 0.00086;<br>CCAL RRF = 0.00079                        | ≥0.05;<br>≥0.05                  | 250  | UJ              | UJ              |
| TSB-FR-02-02-0     | F8F050256001  | SW8270 | 6/12/2008     | Hydroxymethyl phthalimide       | < 340  | ug/kg | CCAL %D = 46.18722   | ≤25                              | 340  | UJ              | UJ              |
| TSB-FR-02-02-0     | F8F050256001  | SW8270 | 6/12/2008     | Phthalic acid                   | 290    | ug/kg | ICAL RRF = 0.02848;<br>CCAL %D = 58.34506;<br>CCAL RRF = 0.01186 | ≥0.05;<br>≤25;<br>≥0.05          | 1600 | J,J-,J          | J               |
| TSB-FR-02-02-0     | F8F050256001  | SW8290 | 6/28/2008     | 2,3,7,8-Tetrachlorodibenzofuran | 72     | pg/g  | CCAL %D = 57.3   | ≤30                              |      | J+              | J               |
| TSB-FR-02-02-0     | F8F050256001  | SW8310 | 6/11/2008     | Benzo(a)anthracene              | 120    | ug/kg | CCAL %D = 15.5   | ≤15                              | 15   | J+              | J+              |
| TSB-FR-02-02-0     | F8F050256001  | SW8310 | 6/11/2008     | Benzo(k)fluoranthene            | 110    | ug/kg | CCAL %D = 15.2;<br>CCAL %D = 16.6                                | ≤15;<br>≤15                      | 15   | J+              | X               |
| TSB-FR-02-02-10    | F8F110173004  | SW8260 | 6/12/2008     | Dichloromethane                 | < 5.7  | ug/kg | CCAL %D = 29.90220   | ≤25                              | 5.7  | UJ              | UJ              |
| TSB-FR-02-02-10    | F8F110173004  | SW8260 | 6/12/2008     | Ethanol                         | < 290  | ug/kg | ICAL RRF = 0.00148   | ≥0.05                            | 290  | UJ              | UJ              |
| TSB-FR-02-02-10    | F8F110173004  | SW8270 | 6/19/2008     | Hydroxymethyl phthalimide       | < 380  | ug/kg | ICAL RRF = 0.04408;<br>CCAL RRF = 0.04331                        | ≥0.05;<br>≥0.05                  | 380  | UJ              | UJ              |
| TSB-FR-02-02-10    | F8F110173004  | SW8270 | 6/19/2008     | Phthalic acid                   | < 1800 | ug/kg | ICAL RRF = 0.01422;<br>CCAL RRF = 0.01330                        | ≥0.05;<br>≥0.05                  | 1800 | UJ              | UJ              |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | Dichloromethane                 | < 5.4  | ug/kg | CCAL %D = 29.90220   | ≤25                              | 5.4  | UJ              | UJ              |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | Ethanol                         | < 270  | ug/kg | ICAL RRF = 0.00148   | ≥0.05                            | 270  | UJ              | UJ              |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8270 | 6/19/2008     | Hydroxymethyl phthalimide       | < 350  | ug/kg | ICAL RRF = 0.04408;<br>CCAL RRF = 0.04331                        | ≥0.05;<br>≥0.05                  | 350  | UJ              | UJ              |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8270 | 6/19/2008     | Phthalic acid                   | < 1700 | ug/kg | ICAL RRF = 0.01422;<br>CCAL RRF = 0.01330                        | ≥0.05;<br>≥0.05                  | 1700 | UJ              | UJ              |

**TABLE 2-11**  
**SUMMARY OF DATA QUALIFIED DUE TO CALIBRATION VIOLATIONS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
**(Page 6 of 6)**

| Field Sample ID | Lab Sample ID | Method | Analysis Date | Analyte                   | Result | Unit  | Violation                                 | Limits          | QL   | Check Qualifier | Final Qualifier |
|-----------------|---------------|--------|---------------|---------------------------|--------|-------|---|-----------------|------|-----------------|-----------------|
| TB-2 6/10/08    | F8F110177006  | SW8260 | 6/19/2008     | Methyl n-butyl ketone     | < 5    | ug/l  | CCAL %D = 25.04476                        | ≤25.0           | 5    | UJ              | UJ              |
| TSB-FJ-02-02-10 | F8F110177003  | SW8260 | 6/12/2008     | Dichloromethane           | < 6.6  | ug/kg | CCAL %D = 29.90220                        | ≤25.0           | 6.6  | UJ              | UJ              |
| TSB-FJ-02-02-10 | F8F110177003  | SW8260 | 6/12/2008     | Ethanol                   | < 330  | ug/kg | ICAL RRF = 0.00148                        | ≥0.05           | 330  | UJ              | UJ              |
| TSB-FJ-02-02-10 | F8F110177003  | SW8270 | 6/19/2008     | Hydroxymethyl phthalimide | < 430  | ug/kg | ICAL RRF = 0.04408;<br>CCAL RRF = 0.04331 | ≥0.05;<br>≥0.05 | 430  | UJ              | UJ              |
| TSB-FJ-02-02-10 | F8F110177003  | SW8270 | 6/19/2008     | Phthalic acid             | < 2100 | ug/kg | ICAL RRF = 0.01422;<br>CCAL RRF = 0.01330 | ≥0.05;<br>≥0.05 | 2100 | UJ              | UJ              |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260 | 6/12/2008     | Dichloromethane           | < 6.1  | ug/kg | CCAL %D = 29.90220                        | ≤25.0           | 6.1  | UJ              | UJ              |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260 | 6/12/2008     | Ethanol                   | < 300  | ug/kg | ICAL RRF = 0.00148                        | ≥0.05           | 300  | UJ              | UJ              |
| TSB-FJ-02-02-20 | F8F110177004  | SW8270 | 6/19/2008     | Hydroxymethyl phthalimide | < 400  | ug/kg | ICAL RRF = 0.04408;<br>CCAL RRF = 0.04331 | ≥0.05;<br>≥0.05 | 400  | UJ              | UJ              |
| TSB-FJ-02-02-20 | F8F110177004  | SW8270 | 6/19/2008     | Phthalic acid             | < 1900 | ug/kg | ICAL RRF = 0.01422;<br>CCAL RRF = 0.01330 | ≥0.05;<br>≥0.05 | 1900 | UJ              | UJ              |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260 | 6/12/2008     | Dichloromethane           | < 6.5  | ug/kg | CCAL %D = 29.90220                        | ≤25.0           | 6.5  | UJ              | UJ              |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260 | 6/12/2008     | Ethanol                   | < 320  | ug/kg | ICAL RRF = 0.00148                        | ≥0.05           | 320  | UJ              | UJ              |
| TSB-FJ-02-02-30 | F8F110177005  | SW8270 | 6/19/2008     | Hydroxymethyl phthalimide | < 430  | ug/kg | ICAL RRF = 0.04408;<br>CCAL RRF = 0.04331 | ≥0.05;<br>≥0.05 | 430  | UJ              | UJ              |
| TSB-FJ-02-02-30 | F8F110177005  | SW8270 | 6/19/2008     | Phthalic acid             | < 2100 | ug/kg | ICAL RRF = 0.01422;<br>CCAL RRF = 0.01330 | ≥0.05;<br>≥0.05 | 2100 | UJ              | UJ              |
| TSB-FR-02-02-20 | F8F110177001  | SW8260 | 6/12/2008     | Dichloromethane           | < 5.6  | ug/kg | CCAL %D = 29.90220                        | ≤25.0           | 5.6  | UJ              | UJ              |
| TSB-FR-02-02-20 | F8F110177001  | SW8260 | 6/12/2008     | Ethanol                   | < 280  | ug/kg | ICAL RRF = 0.00148                        | ≥0.05           | 280  | UJ              | UJ              |
| TSB-FR-02-02-20 | F8F110177001  | SW8270 | 6/19/2008     | Hydroxymethyl phthalimide | < 370  | ug/kg | ICAL RRF = 0.04408;<br>CCAL RRF = 0.04331 | ≥0.05;<br>≥0.05 | 370  | UJ              | UJ              |
| TSB-FR-02-02-20 | F8F110177001  | SW8270 | 6/19/2008     | Phthalic acid             | < 1800 | ug/kg | ICAL RRF = 0.01422;<br>CCAL RRF = 0.01330 | ≥0.05;<br>≥0.05 | 1800 | UJ              | UJ              |
| TSB-FR-02-02-30 | F8F110177002  | SW8260 | 6/12/2008     | Dichloromethane           | < 7.2  | ug/kg | CCAL %D = 29.90220                        | ≤25.0           | 7.2  | UJ              | UJ              |
| TSB-FR-02-02-30 | F8F110177002  | SW8260 | 6/12/2008     | Ethanol                   | < 360  | ug/kg | ICAL RRF = 0.00148                        | ≥0.05           | 360  | UJ              | UJ              |
| TSB-FR-02-02-30 | F8F110177002  | SW8270 | 6/19/2008     | Hydroxymethyl phthalimide | < 480  | ug/kg | ICAL RRF = 0.04408;<br>CCAL RRF = 0.04331 | ≥0.05;<br>≥0.05 | 480  | UJ              | UJ              |
| TSB-FR-02-02-30 | F8F110177002  | SW8270 | 6/19/2008     | Phthalic acid             | < 2300 | ug/kg | ICAL RRF = 0.01422;<br>CCAL RRF = 0.01330 | ≥0.05;<br>≥0.05 | 2300 | UJ              | UJ              |

ID - identification  
U - non-detect result due to blank contamination  
J - estimated value.  
UJ - non-detect estimated quantitation limit  
X - removed value; replaced by a more accurate and precise value.

ug/l - microgram per liter  
mg/kg- milligrams per kilogram  
ug/kg- micrograms per kilogram  
pg/g- picogram per gram  
QL - quantitation limit  
- Result is biased low  
+ Result is biased high

**TABLE 2-12**  
**SUMMARY OF DATA QUALIFIED DUE TO CALIBRATION RANGE EXCEEDANCES**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
**(Page 1 of 1)**

| Field Sample ID | Lab Sample ID | Method | Analysis Date | Analyte                         | Result | Unit  | QL  | Check Qualifier | Final Qualifier |
|-----------------|---------------|--------|---------------|---------------------------------|--------|-------|-----|-----------------|-----------------|
| TSB-CJ-09-0     | F8F130140004  | SW8081 | 6/19/2008     | beta-BHC                        | 51     | ug/kg | 1.8 | J               | X               |
| TSB-CJ-09-0     | F8F130140004  | SW8290 | 7/3/2008      | 2,3,7,8-Tetrachlorodibenzofuran | 2200   | pg/g  |     | J               | J               |
| TSB-CJ-09-0     | F8F130140004  | SW8290 | 7/3/2008      | Octachlorodibenzofuran          | 49000  | pg/g  |     | J               | J               |
| TSB-FJ-02-02-0  | F8F050256002  | SW8081 | 6/13/2008     | 4,4-DDE                         | 43     | ug/kg | 1.7 | J               | X               |
| TSB-FJ-02-02-0  | F8F050256002  | SW8081 | 6/13/2008     | beta-BHC                        | 54     | ug/kg | 1.7 | J               | X               |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | Chloroform                      | 300    | ug/kg | 6.4 | J               | X               |
| TSB-FJ-06-02-0  | F8F050256006  | SW8081 | 6/13/2008     | beta-BHC                        | 65     | ug/kg | 1.7 | J               | X               |
| TSB-FR-02-02-0  | F8F050256001  | SW8081 | 6/13/2008     | 4,4-DDT                         | 220    | ug/kg | 8.7 | J               | X               |

ID - identification

J - estimated value.

X - removed value; replaced by a more accurate and precise value.

ug/kg- micrograms per kilogram

pg/g- picogram per gram

QL - quantitation limit

**TABLE 2-13**  
**SUMMARY OF DATA QUALIFIED DUE TO INTERNAL STANDARD RECOVERY EXCEEDANCES**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**

JUNE-JULY 2008

BMI INDUSTRIAL COMPLEX  
 CLARK COUNTY, NEVADA

(Page 1 of 12)

| Field Sample ID | Lab Sample ID | Method | Analysis Date | Analyte                                   | Result | Unit  | Area or %R | Area Limit or %R Limit | QL   | Check Qualifier | Final Qualifier |
|-----------------|---------------|--------|---------------|---|--------|-------|------------|------------------------|------|-----------------|-----------------|
| RINSATE 1       | F8F120137001  | SW8270 | 6/19/2008     | Benzo(a)pyrene                            | < 10   | ug/l  | 243167     | 281395-1125580         | 10   | UJ              | X               |
| RINSATE 1       | F8F120137001  | SW8270 | 6/19/2008     | Benzo(b)fluoranthene                      | < 10   | ug/l  | 243167     | 281395-1125580         | 10   | UJ              | X               |
| RINSATE 1       | F8F120137001  | SW8270 | 6/19/2008     | Benzo(g,h,i)perylene                      | < 10   | ug/l  | 243167     | 281395-1125580         | 10   | UJ              | X               |
| RINSATE 1       | F8F120137001  | SW8270 | 6/19/2008     | Benzo(k)fluoranthene                      | < 10   | ug/l  | 243167     | 281395-1125580         | 10   | UJ              | X               |
| RINSATE 1       | F8F120137001  | SW8270 | 6/19/2008     | Dibenzo(a,h)anthracene                    | < 10   | ug/l  | 243167     | 281395-1125580         | 10   | UJ              | X               |
| RINSATE 1       | F8F120137001  | SW8270 | 6/19/2008     | Di-n-octyl phthalate                      | < 10   | ug/l  | 243167     | 281395-1125580         | 10   | UJ              | UJ              |
| RINSATE 1       | F8F120137001  | SW8270 | 6/19/2008     | Indeno(1,2,3-cd)pyrene                    | < 10   | ug/l  | 243167     | 281395-1125580         | 10   | UJ              | X               |
| RINSATE-2       | F8F130140001  | SW8290 | 6/28/2008     | 1,2,3,4,6,7,8-Heptachlorodibenzofuran     | < 1    | pg/l  | 33         | 40-135                 | 1    | UJ              | UJ              |
| RINSATE-2       | F8F130140001  | SW8290 | 6/28/2008     | 1,2,3,4,7,8,9-Heptachlorodibenzofuran     | < 1.2  | pg/l  | 33         | 40-135                 | 1.2  | UJ              | UJ              |
| RINSATE-2       | F8F130140001  | SW8290 | 6/28/2008     | 1,2,3,4,7,8-Hexachlorodibenzofuran        | < 2.9  | pg/l  | 26         | 40-135                 | 2.9  | UJ              | UJ              |
| RINSATE-2       | F8F130140001  | SW8290 | 6/28/2008     | 1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin    | < 2.7  | pg/l  | 37         | 40-135                 | 2.7  | UJ              | UJ              |
| RINSATE-2       | F8F130140001  | SW8290 | 6/28/2008     | 1,2,3,6,7,8-Hexachlorodibenzofuran        | < 3.5  | pg/l  | 26         | 40-135                 | 3.5  | UJ              | UJ              |
| RINSATE-2       | F8F130140001  | SW8290 | 6/28/2008     | 1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin    | < 1.6  | pg/l  | 37         | 40-135                 | 1.6  | UJ              | UJ              |
| RINSATE-2       | F8F130140001  | SW8290 | 6/28/2008     | 1,2,3,7,8,9-Hexachlorodibenzofuran        | < 3.4  | pg/l  | 26         | 40-135                 | 3.4  | UJ              | UJ              |
| RINSATE-2       | F8F130140001  | SW8290 | 6/28/2008     | 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin    | < 1.2  | pg/l  | 37         | 40-135                 | 1.2  | UJ              | UJ              |
| RINSATE-2       | F8F130140001  | SW8290 | 6/28/2008     | 2,3,4,6,7,8-Hexachlorodibenzofuran        | < 2.4  | pg/l  | 26         | 40-135                 | 2.4  | UJ              | UJ              |
| TSB-CJ-09-10    | F8F130140008  | SW6020 | 6/27/2008     | Silicon                                   | 523    | mg/kg | 129.434    | 30-120                 | 54.8 | J               | J               |
| TSB-CJ-09-10    | F8F130140008  | SW6020 | 6/27/2008     | Strontium                                 | 291    | mg/kg | 129.434    | 30-120                 | 1.1  | J               | J               |
| TSB-CJ-09-10    | F8F130140008  | SW8290 | 6/29/2008     | 1,2,3,4,6,7,8-Heptachlorodibenzofuran     | < 7.2  | pg/g  | 14         | 40-135                 | 7.2  | UJ              | UJ              |
| TSB-CJ-09-10    | F8F130140008  | SW8290 | 6/29/2008     | 1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin | < 5.1  | pg/g  | 16         | 40-135                 | 5.1  | UJ              | UJ              |
| TSB-CJ-09-10    | F8F130140008  | SW8290 | 6/29/2008     | 1,2,3,4,7,8,9-Heptachlorodibenzofuran     | < 9    | pg/g  | 14         | 40-135                 | 9    | UJ              | UJ              |
| TSB-CJ-09-10    | F8F130140008  | SW8290 | 6/29/2008     | 1,2,3,4,7,8-Hexachlorodibenzofuran        | < 2.8  | pg/g  | 25         | 40-135                 | 2.8  | UJ              | UJ              |
| TSB-CJ-09-10    | F8F130140008  | SW8290 | 6/29/2008     | 1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin    | < 1.9  | pg/g  | 32         | 40-135                 | 1.9  | UJ              | UJ              |
| TSB-CJ-09-10    | F8F130140008  | SW8290 | 6/29/2008     | 1,2,3,6,7,8-Hexachlorodibenzofuran        | < 2    | pg/g  | 25         | 40-135                 | 2    | UJ              | UJ              |
| TSB-CJ-09-10    | F8F130140008  | SW8290 | 6/29/2008     | 1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin    | < 1.5  | pg/g  | 32         | 40-135                 | 1.5  | UJ              | UJ              |
| TSB-CJ-09-10    | F8F130140008  | SW8290 | 6/29/2008     | 1,2,3,7,8,9-Hexachlorodibenzofuran        | < 1.6  | pg/g  | 25         | 40-135                 | 1.6  | UJ              | UJ              |
| TSB-CJ-09-10    | F8F130140008  | SW8290 | 6/29/2008     | 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin    | < 1.6  | pg/g  | 32         | 40-135                 | 1.6  | UJ              | UJ              |
| TSB-CJ-09-10    | F8F130140008  | SW8290 | 6/29/2008     | 2,3,4,6,7,8-Hexachlorodibenzofuran        | < 1.7  | pg/g  | 25         | 40-135                 | 1.7  | UJ              | UJ              |
| TSB-CJ-09-10    | F8F130140008  | SW8290 | 6/29/2008     | Octachlorodibenzodioxin                   | < 3.9  | pg/g  | 13         | 40-135                 | 3.9  | UJ              | UJ              |
| TSB-CJ-09-10    | F8F130140008  | SW8290 | 6/29/2008     | Octachlorodibenzofuran                    | 6.9    | pg/g  | 13         | 40-135                 | 2.5  | J               | J               |
| TSB-GJ-08-0     | F8F050256005  | SW8270 | 6/12/2008     | Benzo(a)pyrene                            | < 340  | ug/kg | 265070     | 270174-1080696         | 340  | UJ              | X               |
| TSB-GJ-08-0     | F8F050256005  | SW8270 | 6/12/2008     | Benzo(b)fluoranthene                      | < 340  | ug/kg | 265070     | 270174-1080696         | 340  | UJ              | X               |
| TSB-GJ-08-0     | F8F050256005  | SW8270 | 6/12/2008     | Benzo(g,h,i)perylene                      | < 340  | ug/kg | 265070     | 270174-1080696         | 340  | UJ              | X               |
| TSB-GJ-08-0     | F8F050256005  | SW8270 | 6/12/2008     | Benzo(k)fluoranthene                      | < 340  | ug/kg | 265070     | 270174-1080696         | 340  | UJ              | X               |

**TABLE 2-13**  
**SUMMARY OF DATA QUALIFIED DUE TO INTERNAL STANDARD RECOVERY EXCEEDANCES**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**

**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**

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| Field Sample ID | Lab Sample ID | Method | Analysis Date | Analyte                               | Result | Unit  | Area or %R | Area Limit or %R Limit | QL   | Check Qualifier | Final Qualifier |
|-----------------|---------------|--------|---------------|---------------------------------------|--------|-------|------------|------------------------|------|-----------------|-----------------|
| TSB-GJ-08-0     | F8F050256005  | SW8270 | 6/12/2008     | Dibenzo(a,h)anthracene                | < 340  | ug/kg | 265070     | 270174-1080696         | 340  | UJ              | X               |
| TSB-GJ-08-0     | F8F050256005  | SW8270 | 6/12/2008     | Di-n-octyl phthalate                  | < 340  | ug/kg | 265070     | 270174-1080696         | 340  | UJ              | UJ              |
| TSB-GJ-08-0     | F8F050256005  | SW8270 | 6/12/2008     | Indeno(1,2,3-cd)pyrene                | < 340  | ug/kg | 265070     | 270174-1080696         | 340  | UJ              | X               |
| TSB-GJ-08-0     | F8F050256005  | SW8290 | 6/28/2008     | 1,2,3,4,7,8,9-Heptachlorodibenzofuran | 24     | pg/g  | 25         | 40-135                 |      | J               | J               |
| TSB-GJ-08-20    | F8F120167002  | SW6020 | 6/27/2008     | Silicon                               | 323    | mg/kg | 127.557    | 30-120                 | 59.7 | J               | J               |
| TSB-GJ-08-20    | F8F120167002  | SW6020 | 6/27/2008     | Strontium                             | 106    | mg/kg | 127.557    | 30-120                 | 1.2  | J               | J               |
| TSB-GJ-08-20    | F8F120167002  | SW8290 | 6/28/2008     | 1,2,3,4,6,7,8-Heptachlorodibenzofuran | < 0.17 | pg/g  | 39         | 40-135                 | 0.17 | UJ              | UJ              |
| TSB-GJ-08-20    | F8F120167002  | SW8290 | 6/28/2008     | 1,2,3,4,7,8,9-Heptachlorodibenzofuran | < 0.16 | pg/g  | 39         | 40-135                 | 0.16 | UJ              | UJ              |
| TSB-GJ-08-20    | F8F120167002  | SW8290 | 6/28/2008     | Octachlorodibenzodioxin               | < 2.5  | pg/g  | 37         | %R (40-135)            | 2.5  | UJ              | UJ              |
| TSB-GJ-08-20    | F8F120167002  | SW8290 | 6/28/2008     | Octachlorodibenzofuran                | < 0.21 | pg/g  | 37         | %R (40-135)            | 0.21 | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW6020 | 6/27/2008     | Silicon                               | 913    | mg/kg | 129.653    | 30-120                 | 90   | J               | J               |
| TSB-GJ-08-30    | F8F120167003  | SW6020 | 6/27/2008     | Strontium                             | 103    | mg/kg | 129.653    | 30-120                 | 1.8  | J               | J               |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | 1,2,4,5-Tetrachlorobenzene            | < 590  | ug/kg | 101990     | 159543-638172          | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | 1,2-Diphenylhydrazine                 | < 590  | ug/kg | 150470     | 271508-1086030         | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | 1,4-Dioxane                           | < 590  | ug/kg | 53781      | 82431-329724           | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | 2,4,5-Trichlorophenol                 | < 590  | ug/kg | 101990     | 159543-638172          | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | 2,4,6-Trichlorophenol                 | < 590  | ug/kg | 101990     | 159543-638172          | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | 2,4-Dichlorophenol                    | < 590  | ug/kg | 201776     | 303781-1215124         | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | 2,4-Dimethylphenol                    | < 590  | ug/kg | 201776     | 303781-1215124         | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | 2,4-Dinitrophenol                     | < 2900 | ug/kg | 101990     | 159543-638172          | 2900 | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | 2,4-Dinitrotoluene                    | < 590  | ug/kg | 101990     | 159543-638172          | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | 2,6-Dinitrotoluene                    | < 590  | ug/kg | 101990     | 159543-638172          | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | 2-Chloronaphthalene                   | < 590  | ug/kg | 101990     | 159543-638172          | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | 2-Chlorophenol                        | < 590  | ug/kg | 53781      | 82431-329724           | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | 2-Methylnaphthalene                   | < 590  | ug/kg | 201776     | 303781-1215124         | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | 2-Nitroaniline                        | < 2900 | ug/kg | 101990     | 159543-638172          | 2900 | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | 2-Nitrophenol                         | < 590  | ug/kg | 201776     | 303781-1215124         | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | 3,3'-Dichlorobenzidine                | < 2900 | ug/kg | 72798      | 268054-1072214         | 2900 | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | 3-Methylphenol & 4-Methylphenol       | < 1200 | ug/kg | 53781      | 82431-329724           | 1200 | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | 3-Nitroaniline                        | < 2900 | ug/kg | 101990     | 159543-638172          | 2900 | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | 4-Bromophenyl phenyl ether            | < 590  | ug/kg | 150470     | 271508-1086030         | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | 4-Chloro-3-Methylphenol               | < 590  | ug/kg | 201776     | 303781-1215124         | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | 4-Chlorophenyl phenyl ether           | < 590  | ug/kg | 101990     | 159543-638172          | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | 4-Chlorothioanisole                   | < 590  | ug/kg | 201776     | 303781-1215124         | 590  | UJ              | UJ              |

**TABLE 2-13**  
**SUMMARY OF DATA QUALIFIED DUE TO INTERNAL STANDARD RECOVERY EXCEEDANCES**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**

JUNE-JULY 2008

BMI INDUSTRIAL COMPLEX  
 CLARK COUNTY, NEVADA

(Page 3 of 12)

| Field Sample ID | Lab Sample ID | Method | Analysis Date | Analyte                       | Result | Unit  | Area or %R | Area Limit or %R Limit | QL   | Check Qualifier | Final Qualifier |
|-----------------|---------------|--------|---------------|-------------------------------|--------|-------|------------|------------------------|------|-----------------|-----------------|
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | 4-Nitrophenol                 | < 2900 | ug/kg | 101990     | 159543-638172          | 2900 | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Acenaphthene                  | < 590  | ug/kg | 101990     | 159543-638172          | 590  | UJ              | X               |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Acenaphthylene                | < 590  | ug/kg | 101990     | 159543-638172          | 590  | UJ              | X               |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Acetophenone                  | < 590  | ug/kg | 201776     | 303781-1215124         | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Aniline                       | < 590  | ug/kg | 53781      | 82431-329724           | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Anthracene                    | < 590  | ug/kg | 150470     | 271508-1086030         | 590  | UJ              | X               |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Azobenzene                    | < 590  | ug/kg | 150470     | 271508-1086030         | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Benzenethiol                  | < 590  | ug/kg | 53781      | 82431-329724           | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Benzo(a)anthracene            | < 590  | ug/kg | 72798      | 268054-1072214         | 590  | UJ              | X               |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Benzo(a)pyrene                | < 590  | ug/kg | 25394      | 281395-1125580         | 590  | UJ              | X               |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Benzo(b)fluoranthene          | < 590  | ug/kg | 25394      | 281395-1125580         | 590  | UJ              | X               |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Benzo(g,h,i)perylene          | < 590  | ug/kg | 25394      | 281395-1125580         | 590  | UJ              | X               |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Benzo(k)fluoranthene          | < 590  | ug/kg | 25394      | 281395-1125580         | 590  | UJ              | X               |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Benzoic acid                  | < 2900 | ug/kg | 201776     | 303781-1215124         | 2900 | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Benzyl alcohol                | < 590  | ug/kg | 53781      | 82431-329724           | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Benzyl butyl phthalate        | < 590  | ug/kg | 72798      | 268054-1072214         | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | bis(2-Chloroethoxy) methane   | < 590  | ug/kg | 201776     | 303781-1215124         | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | bis(2-Chloroethyl) ether      | < 590  | ug/kg | 53781      | 82431-329724           | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | bis(2-Chloroisopropyl) ether  | < 590  | ug/kg | 53781      | 82431-329724           | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | bis(2-Ethylhexyl) phthalate   | < 590  | ug/kg | 72798      | 268054-1072214         | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | bis(p-Chlorophenyl) disulfide | < 590  | ug/kg | 72798      | 268054-1072214         | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | bis(p-Chlorophenyl) sulfone   | < 590  | ug/kg | 72798      | 268054-1072214         | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Carbazole                     | < 590  | ug/kg | 150470     | 271508-1086030         | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Chrysene                      | < 590  | ug/kg | 72798      | 268054-1072214         | 590  | UJ              | X               |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Dibenzo(a,h)anthracene        | < 590  | ug/kg | 25394      | 281395-1125580         | 590  | UJ              | X               |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Dibenzofuran                  | < 590  | ug/kg | 101990     | 159543-638172          | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Dibutyl phthalate             | < 590  | ug/kg | 150470     | 271508-1086030         | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Diethyl phthalate             | < 590  | ug/kg | 101990     | 159543-638172          | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Dimethyl phthalate            | < 590  | ug/kg | 101990     | 159543-638172          | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Di-n-octyl phthalate          | < 590  | ug/kg | 25394      | 281395-1125580         | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Diphenyl sulfone              | < 590  | ug/kg | 150470     | 271508-1086030         | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Fluoranthene                  | < 590  | ug/kg | 150470     | 271508-1086030         | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Fluorene                      | < 590  | ug/kg | 101990     | 159543-638172          | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Hexachloro-1,3-butadiene      | < 590  | ug/kg | 201776     | 303781-1215124         | 590  | UJ              | UJ              |

**TABLE 2-13**  
**SUMMARY OF DATA QUALIFIED DUE TO INTERNAL STANDARD RECOVERY EXCEEDANCES**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**

JUNE-JULY 2008

BMI INDUSTRIAL COMPLEX  
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| Field Sample ID | Lab Sample ID | Method | Analysis Date | Analyte                               | Result | Unit  | Area or %R | Area Limit or %R Limit | QL   | Check Qualifier | Final Qualifier |
|-----------------|---------------|--------|---------------|---------------------------------------|--------|-------|------------|------------------------|------|-----------------|-----------------|
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Hexachlorobenzene                     | < 590  | ug/kg | 150470     | 271508-1086030         | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Hexachlorocyclopentadiene             | < 2900 | ug/kg | 101990     | 159543-638172          | 2900 | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Hexachloroethane                      | < 590  | ug/kg | 53781      | 82431-329724           | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Hydroxymethyl phthalimide             | < 590  | ug/kg | 101990     | 159543-638172          | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Indeno(1,2,3-cd)pyrene                | < 590  | ug/kg | 25394      | 281395-1125580         | 590  | UJ              | X               |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Isophorone                            | < 590  | ug/kg | 201776     | 303781-1215124         | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Naphthalene                           | < 590  | ug/kg | 201776     | 303781-1215124         | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Nitrobenzene                          | < 590  | ug/kg | 201776     | 303781-1215124         | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | N-nitrosodi-n-propylamine             | < 590  | ug/kg | 53781      | 82431-329724           | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | N-nitrosodiphenylamine                | < 590  | ug/kg | 150470     | 271508-1086030         | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | o-Cresol                              | < 590  | ug/kg | 53781      | 82431-329724           | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Octachlorostyrene                     | < 590  | ug/kg | 150470     | 271508-1086030         | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | p-Chloroaniline                       | < 590  | ug/kg | 201776     | 303781-1215124         | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | p-Chlorothiophenol                    | < 590  | ug/kg | 201776     | 303781-1215124         | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Pentachlorobenzene                    | < 590  | ug/kg | 101990     | 159543-638172          | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Pentachlorophenol                     | < 2900 | ug/kg | 150470     | 271508-1086030         | 2900 | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Phenanthrene                          | < 590  | ug/kg | 150470     | 271508-1086030         | 590  | UJ              | X               |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Phenol                                | < 590  | ug/kg | 53781      | 82431-329724           | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Phenyl Disulfide                      | < 590  | ug/kg | 150470     | 271508-1086030         | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Phenyl Sulfide                        | < 590  | ug/kg | 101990     | 159543-638172          | 590  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Phthalic acid                         | < 2900 | ug/kg | 201776     | 303781-1215124         | 2900 | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | p-Nitroaniline                        | < 2900 | ug/kg | 101990     | 159543-638172          | 2900 | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Pyrene                                | < 590  | ug/kg | 72798      | 268054-1072214         | 590  | UJ              | X               |
| TSB-GJ-08-30    | F8F120167003  | SW8270 | 6/19/2008     | Pyridine                              | < 1200 | ug/kg | 53781      | 82431-329724           | 1200 | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8290 | 6/28/2008     | Octachlorodibenzodioxin               | < 1.7  | pg/g  | 29         | %R (40-135)            | 1.7  | UJ              | UJ              |
| TSB-GJ-08-30    | F8F120167003  | SW8290 | 6/28/2008     | Octachlorodibenzofuran                | < 0.2  | pg/g  | 29         | %R (40-135)            | 0.2  | UJ              | UJ              |
| TSB-GJ-08-40    | F8F120167004  | SW8270 | 6/19/2008     | Benzo(a)pyrene                        | < 530  | ug/kg | 197078     | 281395-1125580         | 530  | UJ              | X               |
| TSB-GJ-08-40    | F8F120167004  | SW8270 | 6/19/2008     | Benzo(b)fluoranthene                  | < 530  | ug/kg | 197078     | 281395-1125580         | 530  | UJ              | X               |
| TSB-GJ-08-40    | F8F120167004  | SW8270 | 6/19/2008     | Benzo(g,h,i)perylene                  | < 530  | ug/kg | 197078     | 281395-1125580         | 530  | UJ              | X               |
| TSB-GJ-08-40    | F8F120167004  | SW8270 | 6/19/2008     | Benzo(k)fluoranthene                  | < 530  | ug/kg | 197078     | 281395-1125580         | 530  | UJ              | X               |
| TSB-GJ-08-40    | F8F120167004  | SW8270 | 6/19/2008     | Dibenzo(a,h)anthracene                | < 530  | ug/kg | 197078     | 281395-1125580         | 530  | UJ              | X               |
| TSB-GJ-08-40    | F8F120167004  | SW8270 | 6/19/2008     | Di-n-octyl phthalate                  | < 530  | ug/kg | 197078     | 281395-1125580         | 530  | UJ              | UJ              |
| TSB-GJ-08-40    | F8F120167004  | SW8270 | 6/19/2008     | Indeno(1,2,3-cd)pyrene                | < 530  | ug/kg | 197078     | 281395-1125580         | 530  | UJ              | X               |
| TSB-GJ-08-40    | F8F120167004  | SW8290 | 6/28/2008     | 1,2,3,4,6,7,8-Heptachlorodibenzofuran | < 0.21 | pg/g  | 33         | 40-135                 | 0.21 | UJ              | UJ              |



**TABLE 2-13**  
**SUMMARY OF DATA QUALIFIED DUE TO INTERNAL STANDARD RECOVERY EXCEEDANCES**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**

JUNE-JULY 2008

BMI INDUSTRIAL COMPLEX  
 CLARK COUNTY, NEVADA

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| Field Sample ID | Lab Sample ID | Method | Analysis Date | Analyte                                   | Result | Unit  | Area or %R | Area Limit or %R Limit | QL   | Check Qualifier | Final Qualifier |
|-----------------|---------------|--------|---------------|---|--------|-------|------------|------------------------|------|-----------------|-----------------|
| TSB-GJ-08-40    | F8F120167004  | SW8290 | 6/28/2008     | 1,2,3,4,7,8,9-Heptachlorodibenzofuran     | < 0.24 | pg/g  | 33         | 40-135                 | 0.24 | UJ              | UJ              |
| TSB-GJ-08-40    | F8F120167004  | SW8290 | 6/28/2008     | Octachlorodibenzodioxin                   | 12     | pg/g  | 26         | %R (40-135)            |      | J               | J               |
| TSB-GJ-08-40    | F8F120167004  | SW8290 | 6/28/2008     | Octachlorodibenzofuran                    | < 0.89 | pg/g  | 26         | %R (40-135)            | 0.89 | UJ              | UJ              |
| TSB-GJ-09-0     | F8F050256003  | SW8270 | 6/12/2008     | Benzo(a)pyrene                            | < 340  | ug/kg | 106970     | 270174-1080696         | 340  | UJ              | X               |
| TSB-GJ-09-0     | F8F050256003  | SW8270 | 6/12/2008     | Benzo(b)fluoranthene                      | < 340  | ug/kg | 106970     | 270174-1080696         | 340  | UJ              | X               |
| TSB-GJ-09-0     | F8F050256003  | SW8270 | 6/12/2008     | Benzo(g,h,i)perylene                      | < 340  | ug/kg | 106970     | 270174-1080696         | 340  | UJ              | X               |
| TSB-GJ-09-0     | F8F050256003  | SW8270 | 6/12/2008     | Benzo(k)fluoranthene                      | < 340  | ug/kg | 106970     | 270174-1080696         | 340  | UJ              | X               |
| TSB-GJ-09-0     | F8F050256003  | SW8270 | 6/12/2008     | Dibenzo(a,h)anthracene                    | < 340  | ug/kg | 106970     | 270174-1080696         | 340  | UJ              | X               |
| TSB-GJ-09-0     | F8F050256003  | SW8270 | 6/12/2008     | Di-n-octyl phthalate                      | < 340  | ug/kg | 106970     | 270174-1080696         | 340  | UJ              | UJ              |
| TSB-GJ-09-0     | F8F050256003  | SW8270 | 6/12/2008     | Indeno(1,2,3-cd)pyrene                    | < 340  | ug/kg | 106970     | 270174-1080696         | 340  | UJ              | X               |
| TSB-GJ-09-0     | F8F050256003  | SW8290 | 6/28/2008     | 1,2,3,4,6,7,8-Heptachlorodibenzofuran     | 7.7    | pg/g  | 25         | 40-135                 |      | J               | J               |
| TSB-GJ-09-0     | F8F050256003  | SW8290 | 6/28/2008     | 1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin | < 4.2  | pg/g  | 26         | 40-135                 | 4.2  | UJ              | UJ              |
| TSB-GJ-09-0     | F8F050256003  | SW8290 | 6/28/2008     | 1,2,3,4,7,8-Hexachlorodibenzofuran        | 5      | pg/g  | 35         | 40-135                 |      | J               | J               |
| TSB-GJ-09-0     | F8F050256003  | SW8290 | 6/28/2008     | 1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin    | < 0.3  | pg/g  | 35         | 40-135                 | 0.3  | UJ              | UJ              |
| TSB-GJ-09-0     | F8F050256003  | SW8290 | 6/28/2008     | 1,2,3,6,7,8-Hexachlorodibenzofuran        | 2.7    | pg/g  | 35         | 40-135                 |      | J               | J               |
| TSB-GJ-09-0     | F8F050256003  | SW8290 | 6/28/2008     | 1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin    | < 1.5  | pg/g  | 35         | 40-135                 | 1.5  | UJ              | UJ              |
| TSB-GJ-09-0     | F8F050256003  | SW8290 | 6/28/2008     | 1,2,3,7,8,9-Hexachlorodibenzofuran        | < 0.23 | pg/g  | 35         | 40-135                 | 0.23 | UJ              | UJ              |
| TSB-GJ-09-0     | F8F050256003  | SW8290 | 6/28/2008     | 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin    | < 1.7  | pg/g  | 35         | 40-135                 | 1.7  | UJ              | UJ              |
| TSB-GJ-09-0     | F8F050256003  | SW8290 | 6/28/2008     | 1,2,3,7,8-Pentachlorodibenzofuran         | 2.9    | pg/g  | 36         | 40-135                 |      | J               | J               |
| TSB-GJ-09-0     | F8F050256003  | SW8290 | 6/28/2008     | 1,2,3,7,8-Pentachlorodibenzo-p-dioxin     | < 0.36 | pg/g  | 33         | 40-135                 | 0.36 | UJ              | UJ              |
| TSB-GJ-09-0     | F8F050256003  | SW8290 | 6/28/2008     | 2,3,4,6,7,8-Hexachlorodibenzofuran        | < 1    | pg/g  | 35         | 40-135                 | 1    | UJ              | UJ              |
| TSB-GJ-09-0     | F8F050256003  | SW8290 | 6/28/2008     | 2,3,4,7,8-Pentachlorodibenzofuran         | 2.5    | pg/g  | 36         | 40-135                 |      | J               | J               |
| TSB-GJ-09-0     | F8F050256003  | SW8290 | 6/28/2008     | Octachlorodibenzodioxin                   | 31     | pg/g  | 16         | 40-135                 |      | J               | J               |
| TSB-GJ-09-0     | F8F050256003  | SW8290 | 6/28/2008     | Octachlorodibenzofuran                    | 19     | pg/g  | 16         | 40-135                 |      | J               | J               |
| TSB-GJ-09-10    | F8F120180001  | SW8270 | 6/19/2008     | Benzo(a)pyrene                            | < 350  | ug/kg | 198321     | 281395-1125580         | 350  | UJ              | X               |
| TSB-GJ-09-10    | F8F120180001  | SW8270 | 6/19/2008     | Benzo(b)fluoranthene                      | < 350  | ug/kg | 198321     | 281395-1125580         | 350  | UJ              | X               |
| TSB-GJ-09-10    | F8F120180001  | SW8270 | 6/19/2008     | Benzo(g,h,i)perylene                      | < 350  | ug/kg | 198321     | 281395-1125580         | 350  | UJ              | X               |
| TSB-GJ-09-10    | F8F120180001  | SW8270 | 6/19/2008     | Benzo(k)fluoranthene                      | < 350  | ug/kg | 198321     | 281395-1125580         | 350  | UJ              | X               |
| TSB-GJ-09-10    | F8F120180001  | SW8270 | 6/19/2008     | Dibenzo(a,h)anthracene                    | < 350  | ug/kg | 198321     | 281395-1125580         | 350  | UJ              | X               |
| TSB-GJ-09-10    | F8F120180001  | SW8270 | 6/19/2008     | Di-n-octyl phthalate                      | < 350  | ug/kg | 198321     | 281395-1125580         | 350  | UJ              | UJ              |
| TSB-GJ-09-10    | F8F120180001  | SW8270 | 6/19/2008     | Indeno(1,2,3-cd)pyrene                    | < 350  | ug/kg | 198321     | 281395-1125580         | 350  | UJ              | X               |
| TSB-GJ-09-20    | F8F120180002  | SW8270 | 6/19/2008     | Benzo(a)pyrene                            | < 410  | ug/kg | 191974     | 281395-1125580         | 410  | UJ              | X               |
| TSB-GJ-09-20    | F8F120180002  | SW8270 | 6/19/2008     | Benzo(b)fluoranthene                      | < 410  | ug/kg | 191974     | 281395-1125580         | 410  | UJ              | X               |
| TSB-GJ-09-20    | F8F120180002  | SW8270 | 6/19/2008     | Benzo(g,h,i)perylene                      | < 410  | ug/kg | 191974     | 281395-1125580         | 410  | UJ              | X               |

**TABLE 2-13**  
**SUMMARY OF DATA QUALIFIED DUE TO INTERNAL STANDARD RECOVERY EXCEEDANCES**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**

JUNE-JULY 2008

BMI INDUSTRIAL COMPLEX  
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| Field Sample ID | Lab Sample ID | Method | Analysis Date | Analyte                                   | Result  | Unit  | Area or %R | Area Limit or %R Limit | QL    | Check Qualifier | Final Qualifier |
|-----------------|---------------|--------|---------------|---|---------|-------|------------|------------------------|-------|-----------------|-----------------|
| TSB-GJ-09-20    | F8F120180002  | SW8270 | 6/19/2008     | Benzo(k)fluoranthene                      | < 410   | ug/kg | 191974     | 281395-1125580         | 410   | UJ              | X               |
| TSB-GJ-09-20    | F8F120180002  | SW8270 | 6/19/2008     | Dibenzo(a,h)anthracene                    | < 410   | ug/kg | 191974     | 281395-1125580         | 410   | UJ              | X               |
| TSB-GJ-09-20    | F8F120180002  | SW8270 | 6/19/2008     | Di-n-octyl phthalate                      | < 410   | ug/kg | 191974     | 281395-1125580         | 410   | UJ              | UJ              |
| TSB-GJ-09-20    | F8F120180002  | SW8270 | 6/19/2008     | Indeno(1,2,3-cd)pyrene                    | < 410   | ug/kg | 191974     | 281395-1125580         | 410   | UJ              | X               |
| TSB-GJ-09-30    | F8F120180003  | SW8270 | 6/19/2008     | Benzo(a)pyrene                            | < 470   | ug/kg | 206248     | 281395-1125580         | 470   | UJ              | X               |
| TSB-GJ-09-30    | F8F120180003  | SW8270 | 6/19/2008     | Benzo(b)fluoranthene                      | < 470   | ug/kg | 206248     | 281395-1125580         | 470   | UJ              | X               |
| TSB-GJ-09-30    | F8F120180003  | SW8270 | 6/19/2008     | Benzo(g,h,i)perylene                      | < 470   | ug/kg | 206248     | 281395-1125580         | 470   | UJ              | X               |
| TSB-GJ-09-30    | F8F120180003  | SW8270 | 6/19/2008     | Benzo(k)fluoranthene                      | < 470   | ug/kg | 206248     | 281395-1125580         | 470   | UJ              | X               |
| TSB-GJ-09-30    | F8F120180003  | SW8270 | 6/19/2008     | Dibenzo(a,h)anthracene                    | < 470   | ug/kg | 206248     | 281395-1125580         | 470   | UJ              | X               |
| TSB-GJ-09-30    | F8F120180003  | SW8270 | 6/19/2008     | Di-n-octyl phthalate                      | < 470   | ug/kg | 206248     | 281395-1125580         | 470   | UJ              | UJ              |
| TSB-GJ-09-30    | F8F120180003  | SW8270 | 6/19/2008     | Indeno(1,2,3-cd)pyrene                    | < 470   | ug/kg | 206248     | 281395-1125580         | 470   | UJ              | X               |
| TSB-GJ-09-30    | F8F120180003  | SW8290 | 6/28/2008     | 1,2,3,4,6,7,8-Heptachlorodibenzofuran     | < 0.66  | pg/g  | 11         | %R (40-135)            | 0.66  | UJ              | UJ              |
| TSB-GJ-09-30    | F8F120180003  | SW8290 | 6/28/2008     | 1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin | < 0.78  | pg/g  | 16         | %R (40-135)            | 0.78  | UJ              | UJ              |
| TSB-GJ-09-30    | F8F120180003  | SW8290 | 6/28/2008     | 1,2,3,4,7,8,9-Heptachlorodibenzofuran     | < 0.8   | pg/g  | 11         | %R (40-135)            | 0.8   | UJ              | UJ              |
| TSB-GJ-09-30    | F8F120180003  | SW8290 | 6/28/2008     | 1,2,3,4,7,8-Hexachlorodibenzofuran        | < 0.17  | pg/g  | 18         | %R (40-135)            | 0.17  | UJ              | UJ              |
| TSB-GJ-09-30    | F8F120180003  | SW8290 | 6/28/2008     | 1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin    | < 0.27  | pg/g  | 21         | %R (40-135)            | 0.27  | UJ              | UJ              |
| TSB-GJ-09-30    | F8F120180003  | SW8290 | 6/28/2008     | 1,2,3,6,7,8-Hexachlorodibenzofuran        | < 0.15  | pg/g  | 18         | %R (40-135)            | 0.15  | UJ              | UJ              |
| TSB-GJ-09-30    | F8F120180003  | SW8290 | 6/28/2008     | 1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin    | < 0.21  | pg/g  | 21         | %R (40-135)            | 0.21  | UJ              | UJ              |
| TSB-GJ-09-30    | F8F120180003  | SW8290 | 6/28/2008     | 1,2,3,7,8,9-Hexachlorodibenzofuran        | < 0.19  | pg/g  | 18         | %R (40-135)            | 0.19  | UJ              | UJ              |
| TSB-GJ-09-30    | F8F120180003  | SW8290 | 6/28/2008     | 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin    | < 0.22  | pg/g  | 21         | %R (40-135)            | 0.22  | UJ              | UJ              |
| TSB-GJ-09-30    | F8F120180003  | SW8290 | 6/28/2008     | 1,2,3,7,8-Pentachlorodibenzofuran         | < 0.14  | pg/g  | 26         | %R (40-135)            | 0.14  | UJ              | UJ              |
| TSB-GJ-09-30    | F8F120180003  | SW8290 | 6/28/2008     | 1,2,3,7,8-Pentachlorodibenzo-p-dioxin     | < 0.4   | pg/g  | 27         | %R (40-135)            | 0.4   | UJ              | UJ              |
| TSB-GJ-09-30    | F8F120180003  | SW8290 | 6/28/2008     | 2,3,4,6,7,8-Hexachlorodibenzofuran        | < 0.18  | pg/g  | 18         | %R (40-135)            | 0.18  | UJ              | UJ              |
| TSB-GJ-09-30    | F8F120180003  | SW8290 | 6/28/2008     | 2,3,4,7,8-Pentachlorodibenzofuran         | < 0.15  | pg/g  | 26         | %R (40-135)            | 0.15  | UJ              | UJ              |
| TSB-GJ-09-30    | F8F120180003  | SW8290 | 6/28/2008     | 2,3,7,8-Tetrachlorodibenzofuran           | < 0.054 | pg/g  | 38         | %R (40-135)            | 0.054 | UJ              | UJ              |
| TSB-GJ-09-30    | F8F120180003  | SW8290 | 6/28/2008     | Octachlorodibenzodioxin                   | < 5.5   | pg/g  | 9.7        | %R (40-135)            | 5.5   | UJ              | UJ              |
| TSB-GJ-09-30    | F8F120180003  | SW8290 | 6/28/2008     | Octachlorodibenzofuran                    | < 0.62  | pg/g  | 9.7        | %R (40-135)            | 0.62  | UJ              | UJ              |
| TSB-GJ-09-40    | F8F120180004  | SW8270 | 6/19/2008     | Benzo(a)pyrene                            | < 520   | ug/kg | 212988     | 281395-1125580         | 520   | UJ              | X               |
| TSB-GJ-09-40    | F8F120180004  | SW8270 | 6/19/2008     | Benzo(b)fluoranthene                      | < 520   | ug/kg | 212988     | 281395-1125580         | 520   | UJ              | X               |
| TSB-GJ-09-40    | F8F120180004  | SW8270 | 6/19/2008     | Benzo(g,h,i)perylene                      | < 520   | ug/kg | 212988     | 281395-1125580         | 520   | UJ              | X               |
| TSB-GJ-09-40    | F8F120180004  | SW8270 | 6/19/2008     | Benzo(k)fluoranthene                      | < 520   | ug/kg | 212988     | 281395-1125580         | 520   | UJ              | X               |
| TSB-GJ-09-40    | F8F120180004  | SW8270 | 6/19/2008     | Dibenzo(a,h)anthracene                    | < 520   | ug/kg | 212988     | 281395-1125580         | 520   | UJ              | X               |
| TSB-GJ-09-40    | F8F120180004  | SW8270 | 6/19/2008     | Di-n-octyl phthalate                      | < 520   | ug/kg | 212988     | 281395-1125580         | 520   | UJ              | UJ              |
| TSB-GJ-09-40    | F8F120180004  | SW8270 | 6/19/2008     | Indeno(1,2,3-cd)pyrene                    | < 520   | ug/kg | 212988     | 281395-1125580         | 520   | UJ              | X               |

**TABLE 2-13**  
**SUMMARY OF DATA QUALIFIED DUE TO INTERNAL STANDARD RECOVERY EXCEEDANCES**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**

**JUNE-JULY 2008**

**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**

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| Field Sample ID | Lab Sample ID | Method | Analysis Date | Analyte                                  | Result | Unit  | Area or %R | Area Limit or %R Limit | QL  | Check Qualifier | Final Qualifier |
|-----------------|---------------|--------|---------------|--|--------|-------|------------|------------------------|-----|-----------------|-----------------|
| TSB-FJ-02-02-0  | F8F050256002  | SW8290 | 6/28/2008     | 1,2,3,4,6,7,8-Heptachlorodibenzofuran    | 360    | pg/g  | 8.6        | 40-135                 |     | J               | J               |
| TSB-FJ-02-02-0  | F8F050256002  | SW8290 | 6/28/2008     | 1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxi | 42     | pg/g  | 9.4        | 40-135                 |     | J               | J               |
| TSB-FJ-02-02-0  | F8F050256002  | SW8290 | 6/28/2008     | 1,2,3,4,7,8,9-Heptachlorodibenzofuran    | 210    | pg/g  | 8.6        | 40-135                 |     | J               | J               |
| TSB-FJ-02-02-0  | F8F050256002  | SW8290 | 6/28/2008     | 1,2,3,4,7,8-Hexachlorodibenzofuran       | 210    | pg/g  | 15         | 40-135                 |     | J               | J               |
| TSB-FJ-02-02-0  | F8F050256002  | SW8290 | 6/28/2008     | 1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin   | 5.2    | pg/g  | 16         | 40-135                 |     | J               | J               |
| TSB-FJ-02-02-0  | F8F050256002  | SW8290 | 6/28/2008     | 1,2,3,6,7,8-Hexachlorodibenzofuran       | 110    | pg/g  | 15         | 40-135                 |     | J               | J               |
| TSB-FJ-02-02-0  | F8F050256002  | SW8290 | 6/28/2008     | 1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin   | 17     | pg/g  | 16         | 40-135                 |     | J               | J               |
| TSB-FJ-02-02-0  | F8F050256002  | SW8290 | 6/28/2008     | 1,2,3,7,8,9-Hexachlorodibenzofuran       | 24     | pg/g  | 15         | 40-135                 |     | J               | J               |
| TSB-FJ-02-02-0  | F8F050256002  | SW8290 | 6/28/2008     | 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin   | 15     | pg/g  | 16         | 40-135                 |     | J               | J               |
| TSB-FJ-02-02-0  | F8F050256002  | SW8290 | 6/28/2008     | 1,2,3,7,8-Pentachlorodibenzofuran        | 110    | pg/g  | 20         | 40-135                 |     | J               | J               |
| TSB-FJ-02-02-0  | F8F050256002  | SW8290 | 6/28/2008     | 1,2,3,7,8-Pentachlorodibenzo-p-dioxin    | 17     | pg/g  | 20         | 40-135                 |     | J               | J               |
| TSB-FJ-02-02-0  | F8F050256002  | SW8290 | 6/28/2008     | 2,3,4,6,7,8-Hexachlorodibenzofuran       | 36     | pg/g  | 15         | 40-135                 |     | J               | J               |
| TSB-FJ-02-02-0  | F8F050256002  | SW8290 | 6/28/2008     | 2,3,4,7,8-Pentachlorodibenzofuran        | 71     | pg/g  | 20         | 40-135                 |     | J               | J               |
| TSB-FJ-02-02-0  | F8F050256002  | SW8290 | 6/28/2008     | 2,3,7,8-Tetrachlorodibenzofuran          | 190    | pg/g  | 30         | 40-135                 |     | J               | J               |
| TSB-FJ-02-02-0  | F8F050256002  | SW8290 | 6/28/2008     | 2,3,7,8-Tetrachlorodibenzo-p-dioxin      | 6.8    | pg/g  | 23         | 40-135                 |     | J               | J               |
| TSB-FJ-02-02-0  | F8F050256002  | SW8290 | 6/28/2008     | Octachlorodibenzodioxin                  | 43     | pg/g  | 4.6        | 40-135                 |     | J               | J               |
| TSB-FJ-02-02-0  | F8F050256002  | SW8290 | 6/28/2008     | Octachlorodibenzofuran                   | 980    | pg/g  | 4.6        | 40-135                 |     | J               | J               |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | 1,1,2,2-Tetrachloroethane                | < 6.4  | ug/kg | 181868     | 187131-748522          | 6.4 | UJ              | UJ              |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | 1,2,3-Trichlorobenzene                   | < 6.4  | ug/kg | 181868     | 187131-748522          | 6.4 | UJ              | UJ              |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | 1,2,3-Trichloropropane                   | < 6.4  | ug/kg | 181868     | 187131-748522          | 6.4 | UJ              | UJ              |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | 1,2,4-Trichlorobenzene                   | < 6.4  | ug/kg | 181868     | 187131-748522          | 6.4 | UJ              | UJ              |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | 1,2,4-Trimethylbenzene                   | < 6.4  | ug/kg | 181868     | 187131-748522          | 6.4 | UJ              | UJ              |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | 1,2-Dibromo-3-chloropropane (DBCP)       | < 13   | ug/kg | 181868     | 187131-748522          | 13  | UJ              | UJ              |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | 1,2-Dichlorobenzene                      | < 6.4  | ug/kg | 181868     | 187131-748522          | 6.4 | UJ              | UJ              |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | 1,3,5-Trichlorobenzene                   | < 6.4  | ug/kg | 181868     | 187131-748522          | 6.4 | UJ              | UJ              |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | 1,3,5-Trimethylbenzene                   | < 6.4  | ug/kg | 181868     | 187131-748522          | 6.4 | UJ              | UJ              |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | 1,3-Dichlorobenzene                      | < 6.4  | ug/kg | 181868     | 187131-748522          | 6.4 | UJ              | UJ              |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | 1,4-Dichlorobenzene                      | < 6.4  | ug/kg | 181868     | 187131-748522          | 6.4 | UJ              | UJ              |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | 1-Nonanal                                | < 13   | ug/kg | 181868     | 187131-748522          | 13  | UJ              | UJ              |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | 2-Chlorotoluene                          | < 6.4  | ug/kg | 181868     | 187131-748522          | 6.4 | UJ              | UJ              |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | 2-Phenylbutane                           | < 6.4  | ug/kg | 181868     | 187131-748522          | 6.4 | UJ              | UJ              |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | 4-Chlorotoluene                          | < 6.4  | ug/kg | 181868     | 187131-748522          | 6.4 | UJ              | UJ              |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | Bromobenzene                             | < 6.4  | ug/kg | 181868     | 187131-748522          | 6.4 | UJ              | UJ              |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | Cymene                                   | < 6.4  | ug/kg | 181868     | 187131-748522          | 6.4 | UJ              | UJ              |

**TABLE 2-13**  
**SUMMARY OF DATA QUALIFIED DUE TO INTERNAL STANDARD RECOVERY EXCEEDANCES**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**

**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**

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| Field Sample ID    | Lab Sample ID | Method | Analysis Date | Analyte                                  | Result | Unit  | Area or %R | Area Limit or %R Limit | QL   | Check Qualifier | Final Qualifier |
|--------------------|---------------|--------|---------------|--|--------|-------|------------|------------------------|------|-----------------|-----------------|
| TSB-FJ-06-02-20    | F8F110173002  | SW8260 | 6/12/2008     | Isopropylbenzene                         | < 6.4  | ug/kg | 181868     | 187131-748522          | 6.4  | UJ              | UJ              |
| TSB-FJ-06-02-20    | F8F110173002  | SW8260 | 6/12/2008     | n-Butyl benzene                          | < 6.4  | ug/kg | 181868     | 187131-748522          | 6.4  | UJ              | UJ              |
| TSB-FJ-06-02-20    | F8F110173002  | SW8260 | 6/12/2008     | n-Propyl benzene                         | < 6.4  | ug/kg | 181868     | 187131-748522          | 6.4  | UJ              | UJ              |
| TSB-FJ-06-02-20    | F8F110173002  | SW8260 | 6/12/2008     | tert-Butyl benzene                       | < 6.4  | ug/kg | 181868     | 187131-748522          | 6.4  | UJ              | UJ              |
| TSB-FJ-06-02-20    | F8F110173002  | SW8260 | 6/12/2008     | Tribromomethane                          | < 6.4  | ug/kg | 181868     | 187131-748522          | 6.4  | UJ              | UJ              |
| TSB-FJ-06-02-20    | F8F110173002  | SW8290 | 6/29/2008     | 1,2,3,4,6,7,8-Heptachlorodibenzofuran    | < 1.6  | pg/g  | 22         | 40-135                 | 1.6  | UJ              | UJ              |
| TSB-FJ-06-02-20    | F8F110173002  | SW8290 | 6/29/2008     | 1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxi | < 2    | pg/g  | 27         | 40-135                 | 2    | UJ              | UJ              |
| TSB-FJ-06-02-20    | F8F110173002  | SW8290 | 6/29/2008     | 1,2,3,4,7,8,9-Heptachlorodibenzofuran    | < 2.1  | pg/g  | 22         | 40-135                 | 2.1  | UJ              | UJ              |
| TSB-FJ-06-02-20    | F8F110173002  | SW8290 | 6/29/2008     | Octachlorodibenzodioxin                  | < 4.8  | pg/g  | 15         | 40-135                 | 4.8  | UJ              | UJ              |
| TSB-FJ-06-02-20    | F8F110173002  | SW8290 | 6/29/2008     | Octachlorodibenzofuran                   | < 6.1  | pg/g  | 15         | 40-135                 | 6.1  | UJ              | UJ              |
| TSB-FJ-06-02-0     | F8F050256006  | SW8290 | 6/28/2008     | Octachlorodibenzodioxin                  | 34     | pg/g  | 36         | 40-135                 |      | J               | J               |
| TSB-FJ-06-02-0     | F8F050256006  | SW8290 | 6/28/2008     | Octachlorodibenzofuran                   | 410    | pg/g  | 36         | 40-135                 |      | J               | J               |
| TSB-FR-02-02-0     | F8F050256001  | SW8270 | 6/12/2008     | Benzo(a)pyrene                           | 170    | ug/kg | 83220      | 270174-1080696         | 340  | J               | J               |
| TSB-FR-02-02-0     | F8F050256001  | SW8270 | 6/12/2008     | Benzo(b)fluoranthene                     | 1000   | ug/kg | 83220      | 270174-1080696         | 340  | J               | J               |
| TSB-FR-02-02-0     | F8F050256001  | SW8270 | 6/12/2008     | Benzo(g,h,i)perylene                     | 380    | ug/kg | 83220      | 270174-1080696         | 340  | J               | J               |
| TSB-FR-02-02-0     | F8F050256001  | SW8270 | 6/12/2008     | Benzo(k)fluoranthene                     | 790    | ug/kg | 83220      | 270174-1080696         | 340  | J               | J               |
| TSB-FR-02-02-0     | F8F050256001  | SW8270 | 6/12/2008     | Dibenzo(a,h)anthracene                   | < 340  | ug/kg | 83220      | 270174-1080696         | 340  | UJ              | X               |
| TSB-FR-02-02-0     | F8F050256001  | SW8270 | 6/12/2008     | Di-n-octyl phthalate                     | < 340  | ug/kg | 83220      | 270174-1080696         | 340  | UJ              | UJ              |
| TSB-FR-02-02-0     | F8F050256001  | SW8270 | 6/12/2008     | Indeno(1,2,3-cd)pyrene                   | 410    | ug/kg | 83220      | 270174-1080696         | 340  | J               | J               |
| TSB-FR-02-02-0     | F8F050256001  | SW8290 | 6/28/2008     | 2,3,7,8-Tetrachlorodibenzofuran          | 72     | pg/g  | 147.4      | 40-135                 |      | J               | J               |
| TSB-FR-02-02-10    | F8F110173004  | SW8290 | 7/4/2008      | 1,2,3,4,6,7,8-Heptachlorodibenzofuran    | < 2.1  | pg/g  | 18         | 40-135                 | 2.1  | UJ              | UJ              |
| TSB-FR-02-02-10    | F8F110173004  | SW8290 | 7/4/2008      | 1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxi | < 1.2  | pg/g  | 20         | 40-135                 | 1.2  | UJ              | UJ              |
| TSB-FR-02-02-10    | F8F110173004  | SW8290 | 7/4/2008      | 1,2,3,4,7,8,9-Heptachlorodibenzofuran    | < 2.5  | pg/g  | 18         | 40-135                 | 2.5  | UJ              | UJ              |
| TSB-FR-02-02-10    | F8F110173004  | SW8290 | 7/4/2008      | 1,2,3,4,7,8-Hexachlorodibenzofuran       | < 0.82 | pg/g  | 28         | 40-135                 | 0.82 | UJ              | UJ              |
| TSB-FR-02-02-10    | F8F110173004  | SW8290 | 7/4/2008      | 1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin   | < 0.92 | pg/g  | 30         | 40-135                 | 0.92 | UJ              | UJ              |
| TSB-FR-02-02-10    | F8F110173004  | SW8290 | 7/4/2008      | 1,2,3,6,7,8-Hexachlorodibenzofuran       | < 0.79 | pg/g  | 28         | 40-135                 | 0.79 | UJ              | UJ              |
| TSB-FR-02-02-10    | F8F110173004  | SW8290 | 7/4/2008      | 1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin   | < 0.81 | pg/g  | 30         | 40-135                 | 0.81 | UJ              | UJ              |
| TSB-FR-02-02-10    | F8F110173004  | SW8290 | 7/4/2008      | 1,2,3,7,8,9-Hexachlorodibenzofuran       | < 0.9  | pg/g  | 28         | 40-135                 | 0.9  | UJ              | UJ              |
| TSB-FR-02-02-10    | F8F110173004  | SW8290 | 7/4/2008      | 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin   | < 0.78 | pg/g  | 30         | 40-135                 | 0.78 | UJ              | UJ              |
| TSB-FR-02-02-10    | F8F110173004  | SW8290 | 7/4/2008      | 2,3,4,6,7,8-Hexachlorodibenzofuran       | < 0.82 | pg/g  | 28         | 40-135                 | 0.82 | UJ              | UJ              |
| TSB-FR-02-02-10    | F8F110173004  | SW8290 | 7/4/2008      | Octachlorodibenzodioxin                  | < 4.3  | pg/g  | 13         | 40-135                 | 4.3  | UJ              | UJ              |
| TSB-FR-02-02-10    | F8F110173004  | SW8290 | 7/4/2008      | Octachlorodibenzofuran                   | < 3.1  | pg/g  | 13         | 40-135                 | 3.1  | UJ              | UJ              |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | 1,1,2,2-Tetrachloroethane                | < 5.4  | ug/kg | 168365     | 187131-748522          | 5.4  | UJ              | UJ              |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | 1,2,3-Trichlorobenzene                   | < 5.4  | ug/kg | 168365     | 187131-748522          | 5.4  | UJ              | UJ              |

**TABLE 2-13**  
**SUMMARY OF DATA QUALIFIED DUE TO INTERNAL STANDARD RECOVERY EXCEEDANCES**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**

**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**

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| Field Sample ID    | Lab Sample ID | Method | Analysis Date | Analyte                            | Result | Unit  | Area or %R | Area Limit or %R Limit | QL  | Check Qualifier | Final Qualifier |
|--------------------|---------------|--------|---------------|------------------------------------|--------|-------|------------|------------------------|-----|-----------------|-----------------|
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | 1,2,3-Trichloropropane             | < 5.4  | ug/kg | 168365     | 187131-748522          | 5.4 | UJ              | UJ              |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | 1,2,4-Trichlorobenzene             | < 5.4  | ug/kg | 168365     | 187131-748522          | 5.4 | UJ              | UJ              |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | 1,2,4-Trimethylbenzene             | < 5.4  | ug/kg | 168365     | 187131-748522          | 5.4 | UJ              | UJ              |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | 1,2-Dibromo-3-chloropropane (DBCP) | < 11   | ug/kg | 168365     | 187131-748522          | 11  | UJ              | UJ              |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | 1,2-Dichlorobenzene                | < 5.4  | ug/kg | 168365     | 187131-748522          | 5.4 | UJ              | UJ              |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | 1,3,5-Trichlorobenzene             | < 5.4  | ug/kg | 168365     | 187131-748522          | 5.4 | UJ              | UJ              |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | 1,3,5-Trimethylbenzene             | < 5.4  | ug/kg | 168365     | 187131-748522          | 5.4 | UJ              | UJ              |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | 1,3-Dichlorobenzene                | < 5.4  | ug/kg | 168365     | 187131-748522          | 5.4 | UJ              | UJ              |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | 1,4-Dichlorobenzene                | < 5.4  | ug/kg | 168365     | 187131-748522          | 5.4 | UJ              | UJ              |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | 1-Nonanal                          | < 11   | ug/kg | 168365     | 187131-748522          | 11  | UJ              | UJ              |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | 2-Chlorotoluene                    | < 5.4  | ug/kg | 168365     | 187131-748522          | 5.4 | UJ              | UJ              |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | 2-Phenylbutane                     | < 5.4  | ug/kg | 168365     | 187131-748522          | 5.4 | UJ              | UJ              |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | 4-Chlorotoluene                    | < 5.4  | ug/kg | 168365     | 187131-748522          | 5.4 | UJ              | UJ              |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | Bromobenzene                       | < 5.4  | ug/kg | 168365     | 187131-748522          | 5.4 | UJ              | UJ              |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | Cymene                             | < 5.4  | ug/kg | 168365     | 187131-748522          | 5.4 | UJ              | UJ              |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | Isopropylbenzene                   | < 5.4  | ug/kg | 168365     | 187131-748522          | 5.4 | UJ              | UJ              |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | n-Butyl benzene                    | < 5.4  | ug/kg | 168365     | 187131-748522          | 5.4 | UJ              | UJ              |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | n-Propyl benzene                   | < 5.4  | ug/kg | 168365     | 187131-748522          | 5.4 | UJ              | UJ              |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | tert-Butyl benzene                 | < 5.4  | ug/kg | 168365     | 187131-748522          | 5.4 | UJ              | UJ              |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | Tribromomethane                    | < 5.4  | ug/kg | 168365     | 187131-748522          | 5.4 | UJ              | UJ              |
| TSB-FJ-02-02-10    | F8F110177003  | SW6020 | 6/27/2008     | Strontium                          | 266    | mg/kg | 132.5      | 30-120                 | 1.3 | J               | J               |
| TSB-FJ-02-02-10    | F8F110177003  | SW8260 | 6/12/2008     | 1,1,2,2-Tetrachloroethane          | < 6.6  | ug/kg | 180609     | 187131-748522          | 6.6 | UJ              | UJ              |
| TSB-FJ-02-02-10    | F8F110177003  | SW8260 | 6/12/2008     | 1,2,3-Trichlorobenzene             | < 6.6  | ug/kg | 180609     | 187131-748522          | 6.6 | UJ              | UJ              |
| TSB-FJ-02-02-10    | F8F110177003  | SW8260 | 6/12/2008     | 1,2,3-Trichloropropane             | < 6.6  | ug/kg | 180609     | 187131-748522          | 6.6 | UJ              | UJ              |
| TSB-FJ-02-02-10    | F8F110177003  | SW8260 | 6/12/2008     | 1,2,4-Trichlorobenzene             | < 6.6  | ug/kg | 180609     | 187131-748522          | 6.6 | UJ              | UJ              |
| TSB-FJ-02-02-10    | F8F110177003  | SW8260 | 6/12/2008     | 1,2,4-Trimethylbenzene             | < 6.6  | ug/kg | 180609     | 187131-748522          | 6.6 | UJ              | UJ              |
| TSB-FJ-02-02-10    | F8F110177003  | SW8260 | 6/12/2008     | 1,2-Dibromo-3-chloropropane (DBCP) | < 13   | ug/kg | 180609     | 187131-748522          | 13  | UJ              | UJ              |
| TSB-FJ-02-02-10    | F8F110177003  | SW8260 | 6/12/2008     | 1,2-Dichlorobenzene                | < 6.6  | ug/kg | 180609     | 187131-748522          | 6.6 | UJ              | UJ              |
| TSB-FJ-02-02-10    | F8F110177003  | SW8260 | 6/12/2008     | 1,3,5-Trichlorobenzene             | < 6.6  | ug/kg | 180609     | 187131-748522          | 6.6 | UJ              | UJ              |
| TSB-FJ-02-02-10    | F8F110177003  | SW8260 | 6/12/2008     | 1,3,5-Trimethylbenzene             | < 6.6  | ug/kg | 180609     | 187131-748522          | 6.6 | UJ              | UJ              |
| TSB-FJ-02-02-10    | F8F110177003  | SW8260 | 6/12/2008     | 1,3-Dichlorobenzene                | < 6.6  | ug/kg | 180609     | 187131-748522          | 6.6 | UJ              | UJ              |
| TSB-FJ-02-02-10    | F8F110177003  | SW8260 | 6/12/2008     | 1,4-Dichlorobenzene                | < 6.6  | ug/kg | 180609     | 187131-748522          | 6.6 | UJ              | UJ              |
| TSB-FJ-02-02-10    | F8F110177003  | SW8260 | 6/12/2008     | 1-Nonanal                          | < 13   | ug/kg | 180609     | 187131-748522          | 13  | UJ              | UJ              |
| TSB-FJ-02-02-10    | F8F110177003  | SW8260 | 6/12/2008     | 2-Chlorotoluene                    | < 6.6  | ug/kg | 180609     | 187131-748522          | 6.6 | UJ              | UJ              |

**TABLE 2-13**  
**SUMMARY OF DATA QUALIFIED DUE TO INTERNAL STANDARD RECOVERY EXCEEDANCES**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**

JUNE-JULY 2008

**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**

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| Field Sample ID | Lab Sample ID | Method | Analysis Date | Analyte                            | Result | Unit  | Area or %R | Area Limit or %R Limit | QL  | Check Qualifier | Final Qualifier |
|-----------------|---------------|--------|---------------|------------------------------------|--------|-------|------------|------------------------|-----|-----------------|-----------------|
| TSB-FJ-02-02-10 | F8F110177003  | SW8260 | 6/12/2008     | 2-Phenylbutane                     | < 6.6  | ug/kg | 180609     | 187131-748522          | 6.6 | UJ              | UJ              |
| TSB-FJ-02-02-10 | F8F110177003  | SW8260 | 6/12/2008     | 4-Chlorotoluene                    | < 6.6  | ug/kg | 180609     | 187131-748522          | 6.6 | UJ              | UJ              |
| TSB-FJ-02-02-10 | F8F110177003  | SW8260 | 6/12/2008     | Bromobenzene                       | < 6.6  | ug/kg | 180609     | 187131-748522          | 6.6 | UJ              | UJ              |
| TSB-FJ-02-02-10 | F8F110177003  | SW8260 | 6/12/2008     | Cymene                             | < 6.6  | ug/kg | 180609     | 187131-748522          | 6.6 | UJ              | UJ              |
| TSB-FJ-02-02-10 | F8F110177003  | SW8260 | 6/12/2008     | Isopropylbenzene                   | < 6.6  | ug/kg | 180609     | 187131-748522          | 6.6 | UJ              | UJ              |
| TSB-FJ-02-02-10 | F8F110177003  | SW8260 | 6/12/2008     | n-Butyl benzene                    | < 6.6  | ug/kg | 180609     | 187131-748522          | 6.6 | UJ              | UJ              |
| TSB-FJ-02-02-10 | F8F110177003  | SW8260 | 6/12/2008     | n-Propyl benzene                   | < 6.6  | ug/kg | 180609     | 187131-748522          | 6.6 | UJ              | UJ              |
| TSB-FJ-02-02-10 | F8F110177003  | SW8260 | 6/12/2008     | tert-Butyl benzene                 | < 6.6  | ug/kg | 180609     | 187131-748522          | 6.6 | UJ              | UJ              |
| TSB-FJ-02-02-10 | F8F110177003  | SW8260 | 6/12/2008     | Tribromomethane                    | < 6.6  | ug/kg | 180609     | 187131-748522          | 6.6 | UJ              | UJ              |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260 | 6/12/2008     | 1,1,2,2-Tetrachloroethane          | < 6.1  | ug/kg | 171259     | 187131-748522          | 6.1 | UJ              | UJ              |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260 | 6/12/2008     | 1,2,3-Trichlorobenzene             | < 6.1  | ug/kg | 171259     | 187131-748522          | 6.1 | UJ              | UJ              |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260 | 6/12/2008     | 1,2,3-Trichloropropane             | < 6.1  | ug/kg | 171259     | 187131-748522          | 6.1 | UJ              | UJ              |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260 | 6/12/2008     | 1,2,4-Trichlorobenzene             | < 6.1  | ug/kg | 171259     | 187131-748522          | 6.1 | UJ              | UJ              |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260 | 6/12/2008     | 1,2,4-Trimethylbenzene             | < 6.1  | ug/kg | 171259     | 187131-748522          | 6.1 | UJ              | UJ              |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260 | 6/12/2008     | 1,2-Dibromo-3-chloropropane (DBCP) | < 12   | ug/kg | 171259     | 187131-748522          | 12  | UJ              | UJ              |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260 | 6/12/2008     | 1,2-Dichlorobenzene                | < 6.1  | ug/kg | 171259     | 187131-748522          | 6.1 | UJ              | UJ              |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260 | 6/12/2008     | 1,3,5-Trichlorobenzene             | < 6.1  | ug/kg | 171259     | 187131-748522          | 6.1 | UJ              | UJ              |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260 | 6/12/2008     | 1,3,5-Trimethylbenzene             | < 6.1  | ug/kg | 171259     | 187131-748522          | 6.1 | UJ              | UJ              |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260 | 6/12/2008     | 1,3-Dichlorobenzene                | < 6.1  | ug/kg | 171259     | 187131-748522          | 6.1 | UJ              | UJ              |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260 | 6/12/2008     | 1,4-Dichlorobenzene                | < 6.1  | ug/kg | 171259     | 187131-748522          | 6.1 | UJ              | UJ              |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260 | 6/12/2008     | 1-Nonanal                          | < 12   | ug/kg | 171259     | 187131-748522          | 12  | UJ              | UJ              |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260 | 6/12/2008     | 2-Chlorotoluene                    | < 6.1  | ug/kg | 171259     | 187131-748522          | 6.1 | UJ              | UJ              |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260 | 6/12/2008     | 2-Phenylbutane                     | < 6.1  | ug/kg | 171259     | 187131-748522          | 6.1 | UJ              | UJ              |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260 | 6/12/2008     | 4-Chlorotoluene                    | < 6.1  | ug/kg | 171259     | 187131-748522          | 6.1 | UJ              | UJ              |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260 | 6/12/2008     | Bromobenzene                       | < 6.1  | ug/kg | 171259     | 187131-748522          | 6.1 | UJ              | UJ              |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260 | 6/12/2008     | Cymene                             | < 6.1  | ug/kg | 171259     | 187131-748522          | 6.1 | UJ              | UJ              |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260 | 6/12/2008     | Isopropylbenzene                   | < 6.1  | ug/kg | 171259     | 187131-748522          | 6.1 | UJ              | UJ              |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260 | 6/12/2008     | n-Butyl benzene                    | < 6.1  | ug/kg | 171259     | 187131-748522          | 6.1 | UJ              | UJ              |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260 | 6/12/2008     | n-Propyl benzene                   | < 6.1  | ug/kg | 171259     | 187131-748522          | 6.1 | UJ              | UJ              |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260 | 6/12/2008     | tert-Butyl benzene                 | < 6.1  | ug/kg | 171259     | 187131-748522          | 6.1 | UJ              | UJ              |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260 | 6/12/2008     | Tribromomethane                    | < 6.1  | ug/kg | 171259     | 187131-748522          | 6.1 | UJ              | UJ              |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260 | 6/12/2008     | 1,1,2,2-Tetrachloroethane          | < 6.5  | ug/kg | 168365     | 187131-748522          | 6.5 | UJ              | UJ              |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260 | 6/12/2008     | 1,2,3-Trichlorobenzene             | < 6.5  | ug/kg | 168365     | 187131-748522          | 6.5 | UJ              | UJ              |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260 | 6/12/2008     | 1,2,3-Trichloropropane             | < 6.5  | ug/kg | 168365     | 187131-748522          | 6.5 | UJ              | UJ              |

**TABLE 2-13**  
**SUMMARY OF DATA QUALIFIED DUE TO INTERNAL STANDARD RECOVERY EXCEEDANCES**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**

JUNE-JULY 2008

**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**

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| Field Sample ID | Lab Sample ID | Method | Analysis Date | Analyte                            | Result | Unit  | Area or %R | Area Limit or %R Limit | QL  | Check Qualifier | Final Qualifier |
|-----------------|---------------|--------|---------------|------------------------------------|--------|-------|------------|------------------------|-----|-----------------|-----------------|
| TSB-FJ-02-02-30 | F8F110177005  | SW8260 | 6/12/2008     | 1,2,4-Trichlorobenzene             | < 6.5  | ug/kg | 168365     | 187131-748522          | 6.5 | UJ              | UJ              |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260 | 6/12/2008     | 1,2,4-Trimethylbenzene             | < 6.5  | ug/kg | 168365     | 187131-748522          | 6.5 | UJ              | UJ              |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260 | 6/12/2008     | 1,2-Dibromo-3-chloropropane (DBCP) | < 13   | ug/kg | 168365     | 187131-748522          | 13  | UJ              | UJ              |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260 | 6/12/2008     | 1,2-Dichlorobenzene                | < 6.5  | ug/kg | 168365     | 187131-748522          | 6.5 | UJ              | UJ              |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260 | 6/12/2008     | 1,3,5-Trichlorobenzene             | < 6.5  | ug/kg | 168365     | 187131-748522          | 6.5 | UJ              | UJ              |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260 | 6/12/2008     | 1,3,5-Trimethylbenzene             | < 6.5  | ug/kg | 168365     | 187131-748522          | 6.5 | UJ              | UJ              |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260 | 6/12/2008     | 1,3-Dichlorobenzene                | < 6.5  | ug/kg | 168365     | 187131-748522          | 6.5 | UJ              | UJ              |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260 | 6/12/2008     | 1,4-Dichlorobenzene                | < 6.5  | ug/kg | 168365     | 187131-748522          | 6.5 | UJ              | UJ              |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260 | 6/12/2008     | 1-Nonanal                          | < 13   | ug/kg | 168365     | 187131-748522          | 13  | UJ              | UJ              |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260 | 6/12/2008     | 2-Chlorotoluene                    | < 6.5  | ug/kg | 168365     | 187131-748522          | 6.5 | UJ              | UJ              |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260 | 6/12/2008     | 2-Phenylbutane                     | < 6.5  | ug/kg | 168365     | 187131-748522          | 6.5 | UJ              | UJ              |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260 | 6/12/2008     | 4-Chlorotoluene                    | < 6.5  | ug/kg | 168365     | 187131-748522          | 6.5 | UJ              | UJ              |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260 | 6/12/2008     | Bromobenzene                       | < 6.5  | ug/kg | 168365     | 187131-748522          | 6.5 | UJ              | UJ              |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260 | 6/12/2008     | Cymene                             | < 6.5  | ug/kg | 168365     | 187131-748522          | 6.5 | UJ              | UJ              |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260 | 6/12/2008     | Isopropylbenzene                   | < 6.5  | ug/kg | 168365     | 187131-748522          | 6.5 | UJ              | UJ              |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260 | 6/12/2008     | n-Butyl benzene                    | < 6.5  | ug/kg | 168365     | 187131-748522          | 6.5 | UJ              | UJ              |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260 | 6/12/2008     | n-Propyl benzene                   | < 6.5  | ug/kg | 168365     | 187131-748522          | 6.5 | UJ              | UJ              |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260 | 6/12/2008     | tert-Butyl benzene                 | < 6.5  | ug/kg | 168365     | 187131-748522          | 6.5 | UJ              | UJ              |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260 | 6/12/2008     | Tribromomethane                    | < 6.5  | ug/kg | 168365     | 187131-748522          | 6.5 | UJ              | UJ              |
| TSB-FR-02-02-30 | F8F110177002  | SW8260 | 6/12/2008     | 1,1,2,2-Tetrachloroethane          | < 7.2  | ug/kg | 172980     | 187131-748522          | 7.2 | UJ              | UJ              |
| TSB-FR-02-02-30 | F8F110177002  | SW8260 | 6/12/2008     | 1,2,3-Trichlorobenzene             | < 7.2  | ug/kg | 172980     | 187131-748522          | 7.2 | UJ              | UJ              |
| TSB-FR-02-02-30 | F8F110177002  | SW8260 | 6/12/2008     | 1,2,3-Trichloropropane             | < 7.2  | ug/kg | 172980     | 187131-748522          | 7.2 | UJ              | UJ              |
| TSB-FR-02-02-30 | F8F110177002  | SW8260 | 6/12/2008     | 1,2,4-Trichlorobenzene             | < 7.2  | ug/kg | 172980     | 187131-748522          | 7.2 | UJ              | UJ              |
| TSB-FR-02-02-30 | F8F110177002  | SW8260 | 6/12/2008     | 1,2,4-Trimethylbenzene             | < 7.2  | ug/kg | 172980     | 187131-748522          | 7.2 | UJ              | UJ              |
| TSB-FR-02-02-30 | F8F110177002  | SW8260 | 6/12/2008     | 1,2-Dibromo-3-chloropropane (DBCP) | < 14   | ug/kg | 172980     | 187131-748522          | 14  | UJ              | UJ              |
| TSB-FR-02-02-30 | F8F110177002  | SW8260 | 6/12/2008     | 1,2-Dichlorobenzene                | < 7.2  | ug/kg | 172980     | 187131-748522          | 7.2 | UJ              | UJ              |
| TSB-FR-02-02-30 | F8F110177002  | SW8260 | 6/12/2008     | 1,3,5-Trichlorobenzene             | < 7.2  | ug/kg | 172980     | 187131-748522          | 7.2 | UJ              | UJ              |
| TSB-FR-02-02-30 | F8F110177002  | SW8260 | 6/12/2008     | 1,3,5-Trimethylbenzene             | < 7.2  | ug/kg | 172980     | 187131-748522          | 7.2 | UJ              | UJ              |
| TSB-FR-02-02-30 | F8F110177002  | SW8260 | 6/12/2008     | 1,3-Dichlorobenzene                | < 7.2  | ug/kg | 172980     | 187131-748522          | 7.2 | UJ              | UJ              |
| TSB-FR-02-02-30 | F8F110177002  | SW8260 | 6/12/2008     | 1,4-Dichlorobenzene                | < 7.2  | ug/kg | 172980     | 187131-748522          | 7.2 | UJ              | UJ              |
| TSB-FR-02-02-30 | F8F110177002  | SW8260 | 6/12/2008     | 1-Nonanal                          | < 14   | ug/kg | 172980     | 187131-748522          | 14  | UJ              | UJ              |
| TSB-FR-02-02-30 | F8F110177002  | SW8260 | 6/12/2008     | 2-Chlorotoluene                    | < 7.2  | ug/kg | 172980     | 187131-748522          | 7.2 | UJ              | UJ              |
| TSB-FR-02-02-30 | F8F110177002  | SW8260 | 6/12/2008     | 2-Phenylbutane                     | < 7.2  | ug/kg | 172980     | 187131-748522          | 7.2 | UJ              | UJ              |
| TSB-FR-02-02-30 | F8F110177002  | SW8260 | 6/12/2008     | 4-Chlorotoluene                    | < 7.2  | ug/kg | 172980     | 187131-748522          | 7.2 | UJ              | UJ              |

**TABLE 2-13**  
**SUMMARY OF DATA QUALIFIED DUE TO INTERNAL STANDARD RECOVERY EXCEEDANCES**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
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| Field Sample ID | Lab Sample ID | Method | Analysis Date | Analyte            | Result | Unit  | Area or %R | Area Limit or %R Limit | QL  | Check Qualifier | Final Qualifier |
|-----------------|---------------|--------|---------------|--------------------|--------|-------|------------|------------------------|-----|-----------------|-----------------|
| TSB-FR-02-02-30 | F8F110177002  | SW8260 | 6/12/2008     | Bromobenzene       | < 7.2  | ug/kg | 172980     | 187131-748522          | 7.2 | UJ              | UJ              |
| TSB-FR-02-02-30 | F8F110177002  | SW8260 | 6/12/2008     | Cymene             | < 7.2  | ug/kg | 172980     | 187131-748522          | 7.2 | UJ              | UJ              |
| TSB-FR-02-02-30 | F8F110177002  | SW8260 | 6/12/2008     | Isopropylbenzene   | < 7.2  | ug/kg | 172980     | 187131-748522          | 7.2 | UJ              | UJ              |
| TSB-FR-02-02-30 | F8F110177002  | SW8260 | 6/12/2008     | n-Butyl benzene    | < 7.2  | ug/kg | 172980     | 187131-748522          | 7.2 | UJ              | UJ              |
| TSB-FR-02-02-30 | F8F110177002  | SW8260 | 6/12/2008     | n-Propyl benzene   | < 7.2  | ug/kg | 172980     | 187131-748522          | 7.2 | UJ              | UJ              |
| TSB-FR-02-02-30 | F8F110177002  | SW8260 | 6/12/2008     | tert-Butyl benzene | < 7.2  | ug/kg | 172980     | 187131-748522          | 7.2 | UJ              | UJ              |
| TSB-FR-02-02-30 | F8F110177002  | SW8260 | 6/12/2008     | Tribromomethane    | < 7.2  | ug/kg | 172980     | 187131-748522          | 7.2 | UJ              | UJ              |

ID - identification

J - estimated value.

UJ - non-detect estimated quantitation limit

X - removed value; replaced by a more accurate and precise value.

% R - percent recovery

pg/l - picogram per liter

ug/l - microgram per liter

mg/kg- milligrams per kilogram

ug/kg- micrograms per kilogram

pg/g- picogram per gram

QL - quantitation limit



**TABLE 2-14**  
**SUMMARY OF DATA QUALIFIED DUE TO SERIAL DILUTIONS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
**(Page 1 of 2)**

| Field Sample ID | Lab Sample ID | Method | Analysis Date | Analyte           | Result | Unit  | % D      | Limit | QL   | Check Qualifier | Final Qualifier |
|-----------------|---------------|--------|---------------|-------------------|--------|-------|----------|-------|------|-----------------|-----------------|
| TSB-CJ-09-0     | F8F130140004  | SW6020 | 6/26/2008     | Iron              | 8790   | mg/kg | 10.4     | %D≤10 | 10.4 | J               | J               |
| TSB-CJ-09-10    | F8F130140008  | SW6020 | 6/26/2008     | Iron              | 13000  | mg/kg | 10.4     | %D≤10 | 11   | J               | J               |
| TSB-GJ-08-0     | F8F050256005  | SW6020 | 6/12/2008     | Iron              | 11700  | mg/kg | 14.3     | %D≤10 | 10.2 | J               | J               |
| TSB-GJ-08-0     | F8F050256005  | SW6020 | 6/12/2008     | Strontium         | 158    | mg/kg | 11.4     | %D≤10 | 1    | J               | J               |
| TSB-GJ-08-10    | F8F120167001  | SW6020 | 6/26/2008     | Iron              | 11700  | mg/kg | %D=10.4  | %D≤10 | 13.4 | J               | J               |
| TSB-GJ-08-20    | F8F120167002  | SW6020 | 6/26/2008     | Iron              | 11200  | mg/kg | %D=10.4  | %D≤10 | 11.9 | J               | J               |
| TSB-GJ-08-30    | F8F120167003  | SW6020 | 6/26/2008     | Iron              | 10200  | mg/kg | %D=10.4  | %D≤10 | 18   | J               | J               |
| TSB-GJ-08-40    | F8F120167004  | SW6020 | 6/26/2008     | Iron              | 15100  | mg/kg | %D=10.4  | %D≤10 | 16.1 | J               | J               |
| TSB-GJ-09-0     | F8F050256003  | SW6020 | 6/12/2008     | Iron              | 10800  | mg/kg | 14.3     | %D≤10 | 10.3 | J               | J               |
| TSB-GJ-09-0     | F8F050256003  | SW6020 | 6/12/2008     | Strontium         | 287    | mg/kg | 11.4     | %D≤10 | 1    | J               | J               |
| TSB-GJ-09-0-FD  | F8F050256004  | SW6020 | 6/12/2008     | Iron              | 12200  | mg/kg | 14.3     | %D≤10 | 10.3 | J               | J               |
| TSB-GJ-09-0-FD  | F8F050256004  | SW6020 | 6/12/2008     | Strontium         | 267    | mg/kg | 11.4     | %D≤10 | 1    | J               | J               |
| TSB-GJ-09-10    | F8F120180001  | SW6020 | 6/26/2008     | Iron              | 12500  | mg/kg | %D =10.4 | %D≤10 | 10.6 | J               | J               |
| TSB-GJ-09-20    | F8F120180002  | SW6020 | 6/26/2008     | Iron              | 13200  | mg/kg | %D =10.4 | %D≤10 | 31.4 | J               | J               |
| TSB-GJ-09-30    | F8F120180003  | SW6020 | 6/26/2008     | Iron              | 13100  | mg/kg | %D =10.4 | %D≤10 | 14.3 | J               | J               |
| TSB-GJ-09-40    | F8F120180004  | SW6020 | 6/26/2008     | Iron              | 15400  | mg/kg | %D =10.4 | %D≤10 | 15.7 | J               | J               |
| TSB-FJ-02-02-0  | F8F050256002  | SW6020 | 6/12/2008     | Iron              | 11000  | mg/kg | 14.3     | %D≤10 | 10.2 | J               | J               |
| TSB-FJ-02-02-0  | F8F050256002  | SW6020 | 6/12/2008     | Strontium         | 154    | mg/kg | 11.4     | %D≤10 | 1    | J               | J               |
| TSB-FJ-06-02-10 | F8F110173001  | SW6020 | 6/27/2008     | Calcium           | 29800  | mg/kg | 13.8     | %D≤10 | 106  | J               | J               |
| TSB-FJ-06-02-10 | F8F110173001  | SW6020 | 6/26/2008     | Phosphorus (as P) | 1080   | mg/kg | 15.6     | %D≤10 | 106  | J               | J               |
| TSB-FJ-06-02-10 | F8F110173001  | SW6020 | 6/27/2008     | Titanium          | 656    | mg/kg | 19.2     | %D≤10 | 1.1  | J               | J               |
| TSB-FJ-06-02-20 | F8F110173002  | SW6020 | 6/27/2008     | Calcium           | 10900  | mg/kg | 13.8     | %D≤10 | 160  | J               | J               |
| TSB-FJ-06-02-20 | F8F110173002  | SW6020 | 6/26/2008     | Phosphorus (as P) | 566    | mg/kg | 15.6     | %D≤10 | 160  | J               | J               |
| TSB-FJ-06-02-20 | F8F110173002  | SW6020 | 6/27/2008     | Titanium          | 743    | mg/kg | 19.2     | %D≤10 | 1.6  | J               | J               |
| TSB-FJ-06-02-30 | F8F110173003  | SW6020 | 6/27/2008     | Calcium           | 112000 | mg/kg | 13.8     | %D≤10 | 537  | J               | J               |
| TSB-FJ-06-02-30 | F8F110173003  | SW6020 | 6/26/2008     | Phosphorus (as P) | 649    | mg/kg | 15.6     | %D≤10 | 134  | J               | J               |
| TSB-FJ-06-02-30 | F8F110173003  | SW6020 | 6/27/2008     | Titanium          | 483    | mg/kg | 19.2     | %D≤10 | 5.4  | J               | J               |
| TSB-FJ-06-02-0  | F8F050256006  | SW6020 | 6/12/2008     | Iron              | 12700  | mg/kg | 14.3     | %D≤10 | 10.1 | J               | J               |
| TSB-FJ-06-02-0  | F8F050256006  | SW6020 | 6/12/2008     | Strontium         | 168    | mg/kg | 11.4     | %D≤10 | 1    | J               | J               |
| TSB-FR-02-02-0  | F8F050256001  | SW6020 | 6/12/2008     | Iron              | 11400  | mg/kg | 14.3     | %D≤10 | 10.2 | J               | J               |
| TSB-FR-02-02-0  | F8F050256001  | SW6020 | 6/12/2008     | Strontium         | 166    | mg/kg | 11.4     | %D≤10 | 1    | J               | J               |
| TSB-FR-02-02-10 | F8F110173004  | SW6020 | 6/27/2008     | Calcium           | 60100  | mg/kg | 13.8     | %D≤10 | 285  | J               | J               |
| TSB-FR-02-02-10 | F8F110173004  | SW6020 | 6/26/2008     | Phosphorus (as P) | 1200   | mg/kg | 15.6     | %D≤10 | 114  | J               | J               |
| TSB-FR-02-02-10 | F8F110173004  | SW6020 | 6/27/2008     | Titanium          | 556    | mg/kg | 19.2     | %D≤10 | 2.9  | J               | J               |

**TABLE 2-14**  
**SUMMARY OF DATA QUALIFIED DUE TO SERIAL DILUTIONS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
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| Field Sample ID    | Lab Sample ID | Method | Analysis Date | Analyte           | Result | Unit  | % D  | Limit | QL  | Check Qualifier | Final Qualifier |
|--------------------|---------------|--------|---------------|-------------------|--------|-------|------|-------|-----|-----------------|-----------------|
| TSB-FR-02-02-10-FD | F8F110173005  | SW6020 | 6/27/2008     | Calcium           | 22200  | mg/kg | 13.8 | %D≤10 | 107 | J               | J               |
| TSB-FR-02-02-10-FD | F8F110173005  | SW6020 | 6/26/2008     | Phosphorus (as P) | 1160   | mg/kg | 15.6 | %D≤10 | 107 | J               | J               |
| TSB-FR-02-02-10-FD | F8F110173005  | SW6020 | 6/27/2008     | Titanium          | 530    | mg/kg | 19.2 | %D≤10 | 1.1 | J               | J               |
| TSB-FJ-02-02-10    | F8F110177003  | SW6020 | 6/27/2008     | Calcium           | 32900  | mg/kg | 13.8 | %D≤10 | 132 | J               | J               |
| TSB-FJ-02-02-10    | F8F110177003  | SW6020 | 6/26/2008     | Phosphorus (as P) | 1190   | mg/kg | 15.6 | %D≤10 | 132 | J               | J               |
| TSB-FJ-02-02-10    | F8F110177003  | SW6020 | 6/27/2008     | Titanium          | 893    | mg/kg | 19.2 | %D≤10 | 1.3 | J               | J               |
| TSB-FJ-02-02-20    | F8F110177004  | SW6020 | 6/27/2008     | Calcium           | 144000 | mg/kg | 13.8 | %D≤10 | 608 | J               | J               |
| TSB-FJ-02-02-20    | F8F110177004  | SW6020 | 6/26/2008     | Phosphorus (as P) | 382    | mg/kg | 15.6 | %D≤10 | 122 | J               | J               |
| TSB-FJ-02-02-20    | F8F110177004  | SW6020 | 6/27/2008     | Titanium          | 261    | mg/kg | 19.2 | %D≤10 | 6.1 | J               | J               |
| TSB-FJ-02-02-30    | F8F110177005  | SW6020 | 6/27/2008     | Calcium           | 143000 | mg/kg | 13.8 | %D≤10 | 649 | J               | J               |
| TSB-FJ-02-02-30    | F8F110177005  | SW6020 | 6/26/2008     | Phosphorus (as P) | 703    | mg/kg | 15.6 | %D≤10 | 130 | J               | J               |
| TSB-FJ-02-02-30    | F8F110177005  | SW6020 | 6/27/2008     | Titanium          | 492    | mg/kg | 19.2 | %D≤10 | 6.5 | J               | J               |
| TSB-FR-02-02-20    | F8F110177001  | SW6020 | 6/27/2008     | Calcium           | 53300  | mg/kg | 13.8 | %D≤10 | 278 | J               | J               |
| TSB-FR-02-02-20    | F8F110177001  | SW6020 | 6/26/2008     | Phosphorus (as P) | 317    | mg/kg | 15.6 | %D≤10 | 111 | J               | J               |
| TSB-FR-02-02-20    | F8F110177001  | SW6020 | 6/27/2008     | Titanium          | 545    | mg/kg | 19.2 | %D≤10 | 2.8 | J               | J               |
| TSB-FR-02-02-30    | F8F110177002  | SW6020 | 6/27/2008     | Calcium           | 23400  | mg/kg | 13.8 | %D≤10 | 361 | J               | J               |
| TSB-FR-02-02-30    | F8F110177002  | SW6020 | 6/26/2008     | Phosphorus (as P) | 812    | mg/kg | 15.6 | %D≤10 | 361 | J               | J               |
| TSB-FR-02-02-30    | F8F110177002  | SW6020 | 6/27/2008     | Titanium          | 866    | mg/kg | 19.2 | %D≤10 | 3.6 | J               | J               |

ID - identification

J - estimated value.

% D- percent difference

mg/kg- milligrams per kilogram

QL - quantitation limit

**TABLE 2-15**  
**SUMMARY OF DATA QUALIFIED DUE TO DIFFERENCES BETWEEN COLUMNS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**

**JUNE-JULY 2008**

**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**

(Page 1 of 1)

| Field Sample ID | Lab Sample ID | Method | Analysis Date | Analyte         | Result | Unit  | % D   | Limit | QL  | Check Qualifier | Final Qualifier |
|-----------------|---------------|--------|---------------|-----------------|--------|-------|-------|-------|-----|-----------------|-----------------|
| TSB-CJ-09-10    | F8F130140008  | SW8081 | 6/20/2008     | gamma-Chlordane | 5.3    | ug/kg | 218.5 | ≤40   | 1.9 | J               | J               |
| TSB-FJ-06-02-0  | F8F050256006  | SW8081 | 6/13/2008     | 4,4-DDT         | 16     | ug/kg | 218.5 | ≤40   | 1.7 | J               | J               |
| TSB-FR-02-02-0  | F8F050256001  | SW8081 | 6/13/2008     | 2,4-DDE         | 19     | ug/kg | 81.7  | ≤40   | 8.7 | J               | J               |

ID - identification

J - estimated value.

% D- percent difference

ug/kg- micrograms per kilogram

QL - quantitation limit

**TABLE 3-1**  
**SUMMARY OF QUALIFIED DATA RESULTS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
**(Page 1 of 34)**

| Sample ID | Lab Sample ID | Method    | Analysis Date | Analyte                   | Result  | Unit | QL    | Qualifier | Reason_Code |
|-----------|---------------|-----------|---------------|---------------------------|---------|------|-------|-----------|-------------|
| RINSATE 1 | F8F120137001  | E300      | 6/12/2008     | Sulfate                   | 0.12    | mg/l | 0.5   | J         | 2           |
| Rinsate 1 | IRF1163-01    | EPA 7196A | 6/13/2008     | Chromium (VI)             | < 0.025 | mg/l | 0.025 | R         | 1           |
| RINSATE 1 | F8F050256019  | SW6020    | 6/21/2008     | Calcium                   | 48.8    | ug/l | 100   | J         | 2           |
| RINSATE 1 | F8F050256019  | SW6020    | 6/13/2008     | Chromium (Total)          | 8.3     | ug/l | 10    | J         | 2           |
| RINSATE 1 | F8F050256019  | SW6020    | 6/13/2008     | Iron                      | 22.2    | ug/l | 50    | J         | 2           |
| RINSATE 1 | F8F050256019  | SW6020    | 6/13/2008     | Magnesium                 | 4.5     | ug/l | 50    | J         | 2           |
| RINSATE 1 | F8F120137001  | SW6020    | 6/25/2008     | Magnesium                 | 17.9    | ug/l | 50    | J         | 2           |
| RINSATE 1 | F8F120137001  | SW6020    | 6/25/2008     | Manganese                 | 0.84    | ug/l | 2     | J         | 2           |
| RINSATE 1 | F8F120137001  | SW6020    | 6/25/2008     | Palladium                 | < 0.5   | ug/l | 0.5   | UJ        | 5           |
| RINSATE 1 | F8F050256019  | SW6020    | 6/22/2008     | Silicon                   | <250    | ug/l | 250   | U         | 3           |
| RINSATE 1 | F8F120137001  | SW6020    | 6/25/2008     | Silicon                   | 38.6    | ug/l | 250   | J         | 2           |
| RINSATE 1 | F8F050256019  | SW6020    | 6/13/2008     | Sodium                    | 11.4    | ug/l | 50    | J         | 2           |
| RINSATE 1 | F8F120137001  | SW6020    | 6/25/2008     | Sodium                    | 39.2    | ug/l | 50    | J         | 2           |
| RINSATE 1 | F8F050256019  | SW6020    | 6/13/2008     | Strontium                 | 0.31    | ug/l | 5     | J         | 2           |
| RINSATE 1 | F8F120137001  | SW6020    | 6/25/2008     | Strontium                 | 1.5     | ug/l | 5     | J         | 2           |
| RINSATE 1 | F8F050256019  | SW6020    | 6/13/2008     | Zinc                      | 5.6     | ug/l | 10    | J         | 2           |
| RINSATE 1 | F8F120137001  | SW8260    | 6/20/2008     | Dichloromethane           | 3.3     | ug/l | 1     | J+        | 8           |
| RINSATE 1 | F8F120137001  | SW8260    | 6/20/2008     | Methyl n-butyl ketone     | < 5     | ug/l | 5     | UJ        | 12          |
| RINSATE 1 | F8F120137001  | SW8270    | 6/19/2008     | Benzo(a)pyrene            | < 10    | ug/l | 10    | X         | 14          |
| RINSATE 1 | F8F120137001  | SW8270    | 6/19/2008     | Benzo(b)fluoranthene      | < 10    | ug/l | 10    | X         | 14          |
| RINSATE 1 | F8F120137001  | SW8270    | 6/19/2008     | Benzo(g,h,i)perylene      | < 10    | ug/l | 10    | X         | 14          |
| RINSATE 1 | F8F120137001  | SW8270    | 6/19/2008     | Benzo(k)fluoranthene      | < 10    | ug/l | 10    | X         | 14          |
| RINSATE 1 | F8F120137001  | SW8270    | 6/19/2008     | Dibenzo(a,h)anthracene    | < 10    | ug/l | 10    | X         | 14          |
| RINSATE 1 | F8F120137001  | SW8270    | 6/19/2008     | Di-n-octyl phthalate      | < 10    | ug/l | 10    | UJ        | 14          |
| RINSATE 1 | F8F120137001  | SW8270    | 6/19/2008     | Hydroxymethyl phthalimide | < 10    | ug/l | 10    | UJ        | 12          |
| RINSATE 1 | F8F050256019  | SW8270    | 6/13/2008     | Hydroxymethyl phthalimide | < 10    | ug/l | 10    | UJ        | 12          |
| RINSATE 1 | F8F120137001  | SW8270    | 6/19/2008     | Indeno(1,2,3-cd)pyrene    | < 10    | ug/l | 10    | X         | 14          |
| RINSATE 1 | F8F120137001  | SW8270    | 6/19/2008     | Phthalic acid             | < 1000  | ug/l | 1000  | UJ        | 12          |
| RINSATE 1 | F8F050256019  | SW8270    | 6/13/2008     | Phthalic acid             | < 1000  | ug/l | 1000  | UJ        | 12          |
| RINSATE 1 | F8F120137001  | SW8310    | 6/19/2008     | Acenaphthene              | < 5     | ug/l | 5     | UJ        | 8           |
| RINSATE 1 | F8F120137001  | SW8310    | 6/19/2008     | Acenaphthylene            | < 5     | ug/l | 5     | UJ        | 8           |
| RINSATE 1 | F8F120137001  | SW8310    | 6/19/2008     | Anthracene                | < 1     | ug/l | 1     | UJ        | 8           |
| RINSATE 1 | F8F120137001  | SW8310    | 6/19/2008     | Benzo(a)anthracene        | < 1     | ug/l | 1     | UJ        | 8           |
| RINSATE 1 | F8F120137001  | SW8310    | 6/19/2008     | Benzo(a)pyrene            | < 1     | ug/l | 1     | UJ        | 8           |
| RINSATE 1 | F8F120137001  | SW8310    | 6/19/2008     | Benzo(b)fluoranthene      | < 1     | ug/l | 1     | UJ        | 8           |

**TABLE 3-1**  
**SUMMARY OF QUALIFIED DATA RESULTS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
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| Sample ID | Lab Sample ID | Method    | Analysis Date | Analyte                                | Result  | Unit | QL    | Qualifier | Reason_Code |
|-----------|---------------|-----------|---------------|--|---------|------|-------|-----------|-------------|
| RINSATE 1 | F8F120137001  | SW8310    | 6/19/2008     | Benzo(g,h,i)perylene                   | < 1     | ug/l | 1     | UJ        | 8           |
| RINSATE 1 | F8F120137001  | SW8310    | 6/19/2008     | Benzo(k)fluoranthene                   | < 1     | ug/l | 1     | UJ        | 8           |
| RINSATE 1 | F8F120137001  | SW8310    | 6/19/2008     | Chrysene                               | < 1     | ug/l | 1     | UJ        | 8           |
| RINSATE 1 | F8F120137001  | SW8310    | 6/19/2008     | Dibenzo(a,h)anthracene                 | < 1     | ug/l | 1     | UJ        | 8           |
| RINSATE 1 | F8F120137001  | SW8310    | 6/19/2008     | Indeno(1,2,3-cd)pyrene                 | < 1     | ug/l | 1     | UJ        | 8           |
| RINSATE 1 | F8F120137001  | SW8310    | 6/19/2008     | Phenanthrene                           | < 1     | ug/l | 1     | UJ        | 8           |
| RINSATE 1 | F8F120137001  | SW8310    | 6/19/2008     | Pyrene                                 | < 1     | ug/l | 1     | UJ        | 8           |
| RINSATE-1 | F8F130140003  | SW6020    | 6/25/2008     | Magnesium                              | 3.8     | ug/l | 50    | J         | 2           |
| RINSATE-1 | F8F130140003  | SW6020    | 6/25/2008     | Sodium                                 | 12.8    | ug/l | 50    | J         | 2           |
| RINSATE-2 | F8F130140001  | E300      | 6/13/2008     | Sulfate                                | 0.11    | mg/l | 0.5   | J         | 2           |
| Rinsate-2 | IRF1295-01    | EPA 7196A | 6/17/2008     | Chromium (VI)                          | < 0.025 | mg/l | 0.025 | R         | 1           |
| RINSATE-2 | F8F130140001  | SW6020    | 6/25/2008     | Calcium                                | 48.2    | ug/l | 100   | J         | 2           |
| RINSATE-2 | F8F130140001  | SW6020    | 6/25/2008     | Magnesium                              | 6.1     | ug/l | 50    | J         | 2           |
| RINSATE-2 | F8F130140001  | SW6020    | 6/25/2008     | Sodium                                 | 11      | ug/l | 50    | J         | 2           |
| RINSATE-2 | F8F130140001  | SW6020    | 6/25/2008     | Strontium                              | 0.8     | ug/l | 5     | J         | 2           |
| RINSATE-2 | F8F130140001  | SW6020    | 6/25/2008     | Thallium                               | 1.5     | ug/l | 2     | J+        | 2,12        |
| RINSATE-2 | F8F130140001  | SW8260    | 6/19/2008     | Chloromethane                          | 0.25    | ug/l | 2     | J         | 2           |
| RINSATE-2 | F8F130140001  | SW8260    | 6/19/2008     | Methyl n-butyl ketone                  | < 5     | ug/l | 5     | UJ        | 12          |
| RINSATE-2 | F8F130140001  | SW8260    | 6/19/2008     | Toluene                                | 0.22    | ug/l | 1     | J         | 2           |
| RINSATE-2 | F8F130140001  | SW8270    | 6/20/2008     | Hydroxymethyl phthalimide              | < 10    | ug/l | 10    | UJ        | 12          |
| RINSATE-2 | F8F130140001  | SW8270    | 6/20/2008     | Phthalic acid                          | < 1000  | ug/l | 1000  | UJ        | 12          |
| RINSATE-2 | F8F130140001  | SW8290    | 6/28/2008     | 1,2,3,4,6,7,8-Heptachlorodibenzofuran  | < 1     | pg/l | 1     | UJ        | 14          |
| RINSATE-2 | F8F130140001  | SW8290    | 6/28/2008     | 1,2,3,4,7,8,9-Heptachlorodibenzofuran  | < 1.2   | pg/l | 1.2   | UJ        | 14          |
| RINSATE-2 | F8F130140001  | SW8290    | 6/28/2008     | 1,2,3,4,7,8-Hexachlorodibenzofuran     | < 2.9   | pg/l | 2.9   | UJ        | 14          |
| RINSATE-2 | F8F130140001  | SW8290    | 6/28/2008     | 1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin | < 2.7   | pg/l | 2.7   | UJ        | 14          |
| RINSATE-2 | F8F130140001  | SW8290    | 6/28/2008     | 1,2,3,6,7,8-Hexachlorodibenzofuran     | < 3.5   | pg/l | 3.5   | UJ        | 14          |
| RINSATE-2 | F8F130140001  | SW8290    | 6/28/2008     | 1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin | < 1.6   | pg/l | 1.6   | UJ        | 14          |
| RINSATE-2 | F8F130140001  | SW8290    | 6/28/2008     | 1,2,3,7,8,9-Hexachlorodibenzofuran     | < 3.4   | pg/l | 3.4   | UJ        | 14          |
| RINSATE-2 | F8F130140001  | SW8290    | 6/28/2008     | 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin | < 1.2   | pg/l | 1.2   | UJ        | 14          |
| RINSATE-2 | F8F130140001  | SW8290    | 6/28/2008     | 2,3,4,6,7,8-Hexachlorodibenzofuran     | < 2.4   | pg/l | 2.4   | UJ        | 14          |
| TB-1      | F8F050256017  | SW8260    | 6/10/2008     | Acetonitrile                           | < 10    | ug/l | 10    | UJ        | 12          |
| TB-1      | F8F050256017  | SW8260    | 6/10/2008     | Chloroform                             | 0.09    | ug/l | 1     | J         | 2           |
| TB-1      | F8F050256017  | SW8260    | 6/10/2008     | Dichloromethane                        | 0.21    | ug/l | 1     | J         | 2           |
| TB-1      | F8F050256017  | SW8260    | 6/10/2008     | Ethanol                                | < 250   | ug/l | 250   | UJ        | 12          |
| TB-1      | F8F050256017  | SW8260    | 6/10/2008     | Methyl ethyl ketone                    | < 5     | ug/l | 5     | UJ        | 12          |

**TABLE 3-1**  
**SUMMARY OF QUALIFIED DATA RESULTS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
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| Sample ID    | Lab Sample ID | Method | Analysis Date | Analyte               | Result | Unit | QL  | Qualifier | Reason_Code |
|--------------|---------------|--------|---------------|-----------------------|--------|------|-----|-----------|-------------|
| TB-1 6/10/08 | F8F110173006  | SW8260 | 6/19/2008     | Chloroform            | 0.084  | ug/l | 1   | J         | 2           |
| TB-1 6/10/08 | F8F110173006  | SW8260 | 6/19/2008     | Methyl n-butyl ketone | < 5    | ug/l | 5   | UJ        | 12          |
| TB-1 6/11/08 | F8F120167005  | SW8260 | 6/19/2008     | Acetone               | 1.1    | ug/l | 2   | J         | 2           |
| TB-1 6/11/08 | F8F120167005  | SW8260 | 6/19/2008     | Methyl n-butyl ketone | < 5    | ug/l | 5   | UJ        | 12          |
| TB-1 6/12/08 | F8F130140009  | SW8260 | 6/19/2008     | Chloroform            | 0.11   | ug/l | 1   | J         | 2           |
| TB-1 6/12/08 | F8F130140009  | SW8260 | 6/19/2008     | Dichloromethane       | 0.41   | ug/l | 1   | J         | 2           |
| TB-1 6/12/08 | F8F130140009  | SW8260 | 6/19/2008     | Methyl n-butyl ketone | < 5    | ug/l | 5   | UJ        | 12          |
| TB-2         | F8F050256014  | SW8260 | 6/10/2008     | Acetonitrile          | < 10   | ug/l | 10  | UJ        | 12          |
| TB-2         | F8F130140002  | SW8260 | 6/19/2008     | Chloroform            | 0.14   | ug/l | 1   | J         | 2           |
| TB-2         | F8F050256014  | SW8260 | 6/10/2008     | Chloroform            | 0.12   | ug/l | 1   | J         | 2           |
| TB-2         | F8F050256014  | SW8260 | 6/10/2008     | Dichloromethane       | 0.23   | ug/l | 1   | J         | 2           |
| TB-2         | F8F050256014  | SW8260 | 6/10/2008     | Ethanol               | < 250  | ug/l | 250 | UJ        | 12          |
| TB-2         | F8F050256014  | SW8260 | 6/10/2008     | Methyl ethyl ketone   | < 5    | ug/l | 5   | UJ        | 12          |
| TB-2         | F8F130140002  | SW8260 | 6/19/2008     | Methyl n-butyl ketone | < 5    | ug/l | 5   | UJ        | 12          |
| TB-2 6/10/08 | F8F110177006  | SW8260 | 6/19/2008     | Methyl n-butyl ketone | < 5    | ug/l | 5   | UJ        | 12          |
| TB-2 6/11/08 | F8F120180005  | SW8260 | 6/19/2008     | Dichloromethane       | 0.47   | ug/l | 1   | J         | 2           |
| TB-2 6/11/08 | F8F120180005  | SW8260 | 6/19/2008     | Methyl n-butyl ketone | < 5    | ug/l | 5   | UJ        | 12          |
| TB-2 6/12/08 | F8F130140010  | SW8260 | 6/19/2008     | Acetone               | 1.7    | ug/l | 2   | J         | 2           |
| TB-2 6/12/08 | F8F130140010  | SW8260 | 6/19/2008     | Methyl n-butyl ketone | < 5    | ug/l | 5   | UJ        | 12          |
| TB-3         | F8F050256016  | SW8260 | 6/10/2008     | Acetonitrile          | < 10   | ug/l | 10  | UJ        | 12          |
| TB-3         | F8F050256016  | SW8260 | 6/10/2008     | Chloroform            | 0.1    | ug/l | 1   | J         | 2           |
| TB-3         | F8F120137002  | SW8260 | 6/19/2008     | Chloroform            | 0.12   | ug/l | 1   | J         | 2           |
| TB-3         | F8F050256016  | SW8260 | 6/10/2008     | Dichloromethane       | 0.26   | ug/l | 1   | J         | 2           |
| TB-3         | F8F050256016  | SW8260 | 6/10/2008     | Ethanol               | < 250  | ug/l | 250 | UJ        | 12          |
| TB-3         | F8F050256016  | SW8260 | 6/10/2008     | Methyl ethyl ketone   | < 5    | ug/l | 5   | UJ        | 12          |
| TB-3         | F8F120137002  | SW8260 | 6/19/2008     | Methyl n-butyl ketone | < 5    | ug/l | 5   | UJ        | 12          |
| TB-4         | F8F050256015  | SW8260 | 6/10/2008     | Acetone               | 0.85   | ug/l | 2   | J         | 2           |
| TB-4         | F8F050256015  | SW8260 | 6/10/2008     | Acetonitrile          | < 10   | ug/l | 10  | UJ        | 12          |
| TB-4         | F8F050256015  | SW8260 | 6/10/2008     | Chloroform            | 0.11   | ug/l | 1   | J         | 2           |
| TB-4         | F8F050256015  | SW8260 | 6/10/2008     | Dichloromethane       | 0.29   | ug/l | 1   | J         | 2           |
| TB-4         | F8F050256015  | SW8260 | 6/10/2008     | Ethanol               | < 250  | ug/l | 250 | UJ        | 12          |
| TB-4         | F8F050256015  | SW8260 | 6/10/2008     | Methyl ethyl ketone   | < 5    | ug/l | 5   | UJ        | 12          |
| TB-5         | F8F050256018  | SW8260 | 6/10/2008     | Acetonitrile          | < 10   | ug/l | 10  | UJ        | 12          |
| TB-5         | F8F050256018  | SW8260 | 6/10/2008     | Chloroform            | 0.096  | ug/l | 1   | J         | 2           |
| TB-5         | F8F050256018  | SW8260 | 6/10/2008     | Dichloromethane       | 0.33   | ug/l | 1   | J         | 2           |

**TABLE 3-1**  
**SUMMARY OF QUALIFIED DATA RESULTS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
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| Sample ID    | Lab Sample ID | Method   | Analysis Date | Analyte                         | Result | Unit  | QL   | Qualifier | Reason_Code |
|--------------|---------------|----------|---------------|---------------------------------|--------|-------|------|-----------|-------------|
| TB-5         | F8F050256018  | SW8260   | 6/10/2008     | Ethanol                         | < 250  | ug/l  | 250  | UJ        | 12          |
| TB-5         | F8F050256018  | SW8260   | 6/10/2008     | Methyl ethyl ketone             | < 5    | ug/l  | 5    | UJ        | 12          |
| TSB-CJ-09-0  | 210334001     | HASL-300 | 6/21/2008     | Thorium-228                     | 2.86   | pCi/g | 1    | J         | 19          |
| TSB-CJ-09-0  | 210334001     | HASL-300 | 6/21/2008     | Thorium-230                     | 1.87   | pCi/g | 1    | J         | 19          |
| TSB-CJ-09-0  | F8F130140004  | SW6010   | 6/17/2008     | Sulfur                          | 1410   | mg/kg | 2610 | J         | 2           |
| TSB-CJ-09-0  | F8F130140004  | SW6020   | 6/26/2008     | Antimony                        | < 1    | mg/kg | 1    | UJ        | 4           |
| TSB-CJ-09-0  | F8F130140004  | SW6020   | 6/26/2008     | Cadmium                         | 0.091  | mg/kg | 0.1  | J         | 2           |
| TSB-CJ-09-0  | F8F130140004  | SW6020   | 6/26/2008     | Iron                            | 8790   | mg/kg | 10.4 | J         | 15          |
| TSB-CJ-09-0  | F8F130140004  | SW6020   | 6/26/2008     | Magnesium                       | 7620   | mg/kg | 104  | J         | 4           |
| TSB-CJ-09-0  | F8F130140004  | SW6020   | 6/26/2008     | Molybdenum                      | 0.54   | mg/kg | 1    | J         | 2           |
| TSB-CJ-09-0  | F8F130140004  | SW6020   | 6/26/2008     | Niobium                         | < 5.2  | mg/kg | 5.2  | UJ        | 4           |
| TSB-CJ-09-0  | F8F130140004  | SW6020   | 6/26/2008     | Potassium                       | 2710   | mg/kg | 20.9 | J+        | 4           |
| TSB-CJ-09-0  | F8F130140004  | SW6020   | 6/27/2008     | Silicon                         | 402    | mg/kg | 52.2 | J+        | 4           |
| TSB-CJ-09-0  | F8F130140004  | SW6020   | 6/26/2008     | Silver                          | 0.11   | mg/kg | 0.42 | J         | 2           |
| TSB-CJ-09-0  | F8F130140004  | SW6020   | 6/27/2008     | Strontium                       | 199    | mg/kg | 1    | J-        | 4           |
| TSB-CJ-09-0  | F8F130140004  | SW6020   | 6/26/2008     | Tin                             | 0.41   | mg/kg | 0.42 | J         | 2           |
| TSB-CJ-09-0  | F8F130140004  | SW6020   | 6/27/2008     | Titanium                        | 378    | mg/kg | 1    | J+        | 4           |
| TSB-CJ-09-0  | F8F130140004  | SW6020   | 6/26/2008     | Tungsten                        | <1     | mg/kg | 1    | U         | 3           |
| TSB-CJ-09-0  | F8F130140004  | SW6020   | 6/26/2008     | Zinc                            | 25.5   | mg/kg | 4.2  | J+        | 4           |
| TSB-CJ-09-0  | F8F130140004  | SW7471   | 6/17/2008     | Mercury                         | < 34.8 | ug/kg | 34.8 | UJ        | 4           |
| TSB-CJ-09-0  | F8F130140004  | SW8081   | 6/19/2008     | 2,4-DDE                         | 9.7    | ug/kg | 1.8  | J+        | 8           |
| TSB-CJ-09-0  | F8F130140004  | SW8081   | 6/19/2008     | 4,4-DDE                         | 16     | ug/kg | 1.8  | J+        | 8           |
| TSB-CJ-09-0  | F8F130140004  | SW8081   | 6/19/2008     | 4,4-DDT                         | 6.6    | ug/kg | 1.8  | J+        | 8           |
| TSB-CJ-09-0  | F8F130140004  | SW8081   | 6/19/2008     | beta-BHC                        | 51     | ug/kg | 1.8  | X         | 8,11        |
| TSB-CJ-09-0  | F8F130140004  | SW8081   | 6/19/2008     | gamma-Chlordane                 | 2.4    | ug/kg | 1.8  | J+        | 8           |
| TSB-CJ-09-0  | F8F130140004  | SW8260   | 6/16/2008     | Ethanol                         | < 260  | ug/kg | 260  | UJ        | 12          |
| TSB-CJ-09-0  | F8F130140004  | SW8260   | 6/16/2008     | Methyl ethyl ketone             | 3.6    | ug/kg | 21   | J         | 2           |
| TSB-CJ-09-0  | F8F130140004  | SW8260   | 6/16/2008     | Toluene                         | <5.2   | ug/kg | 5.2  | U         | 13          |
| TSB-CJ-09-0  | F8F130140004  | SW8270   | 6/20/2008     | Hydroxymethyl phthalimide       | < 340  | ug/kg | 340  | UJ        | 12          |
| TSB-CJ-09-0  | F8F130140004  | SW8270   | 6/20/2008     | Phthalic acid                   | 400    | ug/kg | 1700 | J         | 2,12        |
| TSB-CJ-09-0  | F8F130140004  | SW8290   | 7/3/2008      | 2,3,7,8-Tetrachlorodibenzofuran | 2200   | pg/g  |      | J         | 11,12       |
| TSB-CJ-09-0  | F8F130140004  | SW8290   | 7/3/2008      | Octachlorodibenzofuran          | 49000  | pg/g  |      | J         | 11          |
| TSB-CJ-09-0  | F8F130140004  | SW9071B  | 6/21/2008     | Oil & Grease (HEM)              | < 209  | mg/kg | 209  | UJ        | 4           |
| TSB-CJ-09-10 | 210334002     | HASL-300 | 6/21/2008     | Thorium-228                     | 4.94   | pCi/g | 1    | J         | 19          |
| TSB-CJ-09-10 | 210334002     | HASL-300 | 6/21/2008     | Thorium-230                     | 3.38   | pCi/g | 1    | J         | 19          |

**TABLE 3-1**  
**SUMMARY OF QUALIFIED DATA RESULTS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
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| Sample ID      | Lab Sample ID | Method  | Analysis Date | Analyte                                   | Result | Unit  | QL   | Qualifier | Reason_Code |
|----------------|---------------|---------|---------------|---|--------|-------|------|-----------|-------------|
| TSB-CJ-09-10   | F8F130140008  | SW6020  | 6/26/2008     | Antimony                                  | < 1.1  | mg/kg | 1.1  | UJ        | 4           |
| TSB-CJ-09-10   | F8F130140008  | SW6020  | 6/26/2008     | Boron                                     | 7.9    | mg/kg | 21.9 | J         | 2           |
| TSB-CJ-09-10   | F8F130140008  | SW6020  | 6/26/2008     | Cadmium                                   | 0.083  | mg/kg | 0.11 | J         | 2           |
| TSB-CJ-09-10   | F8F130140008  | SW6020  | 6/26/2008     | Iron                                      | 13000  | mg/kg | 11   | J         | 15          |
| TSB-CJ-09-10   | F8F130140008  | SW6020  | 6/26/2008     | Magnesium                                 | 9800   | mg/kg | 110  | J         | 4           |
| TSB-CJ-09-10   | F8F130140008  | SW6020  | 6/26/2008     | Molybdenum                                | 0.45   | mg/kg | 1.1  | J         | 2           |
| TSB-CJ-09-10   | F8F130140008  | SW6020  | 6/26/2008     | Niobium                                   | < 5.5  | mg/kg | 5.5  | UJ        | 4           |
| TSB-CJ-09-10   | F8F130140008  | SW6020  | 6/26/2008     | Potassium                                 | 1770   | mg/kg | 21.9 | J+        | 4           |
| TSB-CJ-09-10   | F8F130140008  | SW6020  | 6/27/2008     | Silicon                                   | 523    | mg/kg | 54.8 | J         | 4,14        |
| TSB-CJ-09-10   | F8F130140008  | SW6020  | 6/26/2008     | Silver                                    | 0.15   | mg/kg | 0.44 | J         | 2           |
| TSB-CJ-09-10   | F8F130140008  | SW6020  | 6/27/2008     | Strontium                                 | 291    | mg/kg | 1.1  | J         | 4,14        |
| TSB-CJ-09-10   | F8F130140008  | SW6020  | 6/27/2008     | Thallium                                  | <0.44  | mg/kg | 0.44 | U         | 3,13        |
| TSB-CJ-09-10   | F8F130140008  | SW6020  | 6/27/2008     | Titanium                                  | 593    | mg/kg | 1.1  | J+        | 4           |
| TSB-CJ-09-10   | F8F130140008  | SW6020  | 6/26/2008     | Tungsten                                  | <1.1   | mg/kg | 1.1  | U         | 3           |
| TSB-CJ-09-10   | F8F130140008  | SW6020  | 6/26/2008     | Zinc                                      | 33     | mg/kg | 4.4  | J+        | 4           |
| TSB-CJ-09-10   | F8F130140008  | SW7471  | 6/17/2008     | Mercury                                   | <36.5  | ug/kg | 36.5 | UJ        | 3,4         |
| TSB-CJ-09-10   | F8F130140008  | SW8081  | 6/20/2008     | gamma-Chlordane                           | 5.3    | ug/kg | 1.9  | J         | 16          |
| TSB-CJ-09-10   | F8F130140008  | SW8260  | 6/16/2008     | Ethanol                                   | < 270  | ug/kg | 270  | UJ        | 12          |
| TSB-CJ-09-10   | F8F130140008  | SW8270  | 6/20/2008     | Hydroxymethyl phthalimide                 | < 360  | ug/kg | 360  | UJ        | 12          |
| TSB-CJ-09-10   | F8F130140008  | SW8270  | 6/20/2008     | Phthalic acid                             | < 1800 | ug/kg | 1800 | UJ        | 12          |
| TSB-CJ-09-10   | F8F130140008  | SW8290  | 6/29/2008     | 1,2,3,4,6,7,8-Heptachlorodibenzofuran     | < 7.2  | pg/g  | 7.2  | UJ        | 14          |
| TSB-CJ-09-10   | F8F130140008  | SW8290  | 6/29/2008     | 1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin | < 5.1  | pg/g  | 5.1  | UJ        | 14          |
| TSB-CJ-09-10   | F8F130140008  | SW8290  | 6/29/2008     | 1,2,3,4,7,8,9-Heptachlorodibenzofuran     | < 9    | pg/g  | 9    | UJ        | 14          |
| TSB-CJ-09-10   | F8F130140008  | SW8290  | 6/29/2008     | 1,2,3,4,7,8-Hexachlorodibenzofuran        | < 2.8  | pg/g  | 2.8  | UJ        | 14          |
| TSB-CJ-09-10   | F8F130140008  | SW8290  | 6/29/2008     | 1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin    | < 1.9  | pg/g  | 1.9  | UJ        | 14          |
| TSB-CJ-09-10   | F8F130140008  | SW8290  | 6/29/2008     | 1,2,3,6,7,8-Hexachlorodibenzofuran        | < 2    | pg/g  | 2    | UJ        | 14          |
| TSB-CJ-09-10   | F8F130140008  | SW8290  | 6/29/2008     | 1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin    | < 1.5  | pg/g  | 1.5  | UJ        | 14          |
| TSB-CJ-09-10   | F8F130140008  | SW8290  | 6/29/2008     | 1,2,3,7,8,9-Hexachlorodibenzofuran        | < 1.6  | pg/g  | 1.6  | UJ        | 14          |
| TSB-CJ-09-10   | F8F130140008  | SW8290  | 6/29/2008     | 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin    | < 1.6  | pg/g  | 1.6  | UJ        | 14          |
| TSB-CJ-09-10   | F8F130140008  | SW8290  | 6/29/2008     | 2,3,4,6,7,8-Hexachlorodibenzofuran        | < 1.7  | pg/g  | 1.7  | UJ        | 14          |
| TSB-CJ-09-10   | F8F130140008  | SW8290  | 6/29/2008     | Octachlorodibenzodioxin                   | < 3.9  | pg/g  | 3.9  | UJ        | 14          |
| TSB-CJ-09-10   | F8F130140008  | SW8290  | 6/29/2008     | Octachlorodibenzofuran                    | 6.9    | pg/g  | 2.5  | J         | 14          |
| TSB-CJ-09-10   | F8F130140008  | SW9071B | 6/21/2008     | Oil & Grease (HEM)                        | < 219  | mg/kg | 219  | UJ        | 4           |
| TSB-FJ-02-02-0 | F8F050256002  | E300    | 6/16/2008     | Chlorate                                  | 1.4    | mg/kg | 5.1  | J         | 2,12        |
| TSB-FJ-02-02-0 | F8F050256002  | E300    | 6/16/2008     | Orthophosphate as P                       | 1.3    | mg/kg | 5.1  | J         | 2           |



**TABLE 3-1**  
**SUMMARY OF QUALIFIED DATA RESULTS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
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| Sample ID      | Lab Sample ID | Method         | Analysis Date | Analyte                                   | Result | Unit  | QL   | Qualifier | Reason_Code |
|----------------|---------------|----------------|---------------|---|--------|-------|------|-----------|-------------|
| TSB-FJ-02-02-0 | IRF0782-02    | EPA 300.1 Mod. | 6/19/2008     | Chlorite                                  | < 210  | ug/kg | 210  | R         | 4           |
| TSB-FJ-02-02-0 | F8F050256002  | SW6010         | 6/12/2008     | Lithium                                   | 21.3   | mg/kg | 50.9 | J         | 2           |
| TSB-FJ-02-02-0 | F8F050256002  | SW6010         | 6/11/2008     | Sulfur                                    | 543    | mg/kg | 1020 | J-        | 2,4         |
| TSB-FJ-02-02-0 | F8F050256002  | SW6020         | 6/12/2008     | Antimony                                  | < 1    | mg/kg | 1    | UJ        | 4           |
| TSB-FJ-02-02-0 | F8F050256002  | SW6020         | 6/21/2008     | Barium                                    | 237    | mg/kg | 5.1  | J-        | 4           |
| TSB-FJ-02-02-0 | F8F050256002  | SW6020         | 6/12/2008     | Boron                                     | 6.8    | mg/kg | 20.4 | J         | 2           |
| TSB-FJ-02-02-0 | F8F050256002  | SW6020         | 6/12/2008     | Cadmium                                   | <0.1   | mg/kg | 0.1  | U         | 3           |
| TSB-FJ-02-02-0 | F8F050256002  | SW6020         | 6/12/2008     | Chromium (Total)                          | 8.4    | mg/kg | 2    | J-        | 4           |
| TSB-FJ-02-02-0 | F8F050256002  | SW6020         | 6/12/2008     | Cobalt                                    | 6.9    | mg/kg | 0.41 | J-        | 4           |
| TSB-FJ-02-02-0 | F8F050256002  | SW6020         | 6/12/2008     | Copper                                    | 14.1   | mg/kg | 2    | J-        | 4           |
| TSB-FJ-02-02-0 | F8F050256002  | SW6020         | 6/12/2008     | Iron                                      | 11000  | mg/kg | 10.2 | J         | 15          |
| TSB-FJ-02-02-0 | F8F050256002  | SW6020         | 6/12/2008     | Magnesium                                 | 9270   | mg/kg | 102  | J         | 4           |
| TSB-FJ-02-02-0 | F8F050256002  | SW6020         | 6/12/2008     | Molybdenum                                | 0.55   | mg/kg | 1    | J         | 2           |
| TSB-FJ-02-02-0 | F8F050256002  | SW6020         | 6/12/2008     | Nickel                                    | 14.8   | mg/kg | 1    | J-        | 4           |
| TSB-FJ-02-02-0 | F8F050256002  | SW6020         | 6/12/2008     | Niobium                                   | < 5.1  | mg/kg | 5.1  | UJ        | 4           |
| TSB-FJ-02-02-0 | F8F050256002  | SW6020         | 6/12/2008     | Phosphorus (as P)                         | 1250   | mg/kg | 102  | J+        | 4           |
| TSB-FJ-02-02-0 | F8F050256002  | SW6020         | 6/12/2008     | Potassium                                 | 2000   | mg/kg | 20.4 | J-        | 4           |
| TSB-FJ-02-02-0 | F8F050256002  | SW6020         | 6/12/2008     | Selenium                                  | < 1    | mg/kg | 1    | UJ        | 4           |
| TSB-FJ-02-02-0 | F8F050256002  | SW6020         | 6/12/2008     | Silicon                                   | 157    | mg/kg | 50.9 | J+        | 4           |
| TSB-FJ-02-02-0 | F8F050256002  | SW6020         | 6/12/2008     | Silver                                    | 0.15   | mg/kg | 0.41 | J         | 2           |
| TSB-FJ-02-02-0 | F8F050256002  | SW6020         | 6/12/2008     | Strontium                                 | 154    | mg/kg | 1    | J         | 4,15        |
| TSB-FJ-02-02-0 | F8F050256002  | SW6020         | 6/12/2008     | Tungsten                                  | 9      | mg/kg | 1    | J-        | 4           |
| TSB-FJ-02-02-0 | F8F050256002  | SW6020         | 6/12/2008     | Vanadium                                  | 34.1   | mg/kg | 2    | J-        | 4           |
| TSB-FJ-02-02-0 | F8F050256002  | SW6020         | 6/12/2008     | Zinc                                      | 34.4   | mg/kg | 4.1  | J         | 4           |
| TSB-FJ-02-02-0 | F8F050256002  | SW6020         | 6/12/2008     | Zirconium                                 | 19.7   | mg/kg | 20.4 | J-        | 2,4         |
| TSB-FJ-02-02-0 | F8F050256002  | SW7471         | 6/12/2008     | Mercury                                   | 11.9   | ug/kg | 34   | J         | 2           |
| TSB-FJ-02-02-0 | F8F050256002  | SW8081         | 6/13/2008     | 4,4-DDE                                   | 43     | ug/kg | 1.7  | X         | 11          |
| TSB-FJ-02-02-0 | F8F050256002  | SW8081         | 6/13/2008     | beta-BHC                                  | 54     | ug/kg | 1.7  | X         | 11          |
| TSB-FJ-02-02-0 | F8F050256002  | SW8260         | 6/9/2008      | Acetone                                   | 14     | ug/kg | 20   | J         | 2           |
| TSB-FJ-02-02-0 | F8F050256002  | SW8260         | 6/9/2008      | Dichloromethane                           | 21     | ug/kg | 5.1  |           |             |
| TSB-FJ-02-02-0 | F8F050256002  | SW8260         | 6/9/2008      | Ethanol                                   | < 250  | ug/kg | 250  | UJ        | 12          |
| TSB-FJ-02-02-0 | F8F050256002  | SW8270         | 6/12/2008     | Hydroxymethyl phthalimide                 | < 340  | ug/kg | 340  | UJ        | 12          |
| TSB-FJ-02-02-0 | F8F050256002  | SW8270         | 6/12/2008     | Phthalic acid                             | < 1600 | ug/kg | 1600 | UJ        | 12          |
| TSB-FJ-02-02-0 | F8F050256002  | SW8290         | 6/28/2008     | 1,2,3,4,6,7,8-Heptachlorodibenzofuran     | 360    | pg/g  |      | J         | 14          |
| TSB-FJ-02-02-0 | F8F050256002  | SW8290         | 6/28/2008     | 1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin | 42     | pg/g  |      | J         | 14          |

**TABLE 3-1**  
**SUMMARY OF QUALIFIED DATA RESULTS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
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| Sample ID       | Lab Sample ID | Method        | Analysis Date | Analyte                                | Result | Unit  | QL  | Qualifier | Reason_Code |
|-----------------|---------------|---------------|---------------|--|--------|-------|-----|-----------|-------------|
| TSB-FJ-02-02-0  | F8F050256002  | SW8290        | 6/28/2008     | 1,2,3,4,7,8,9-Heptachlorodibenzofuran  | 210    | pg/g  |     | J         | 14          |
| TSB-FJ-02-02-0  | F8F050256002  | SW8290        | 6/28/2008     | 1,2,3,4,7,8-Hexachlorodibenzofuran     | 210    | pg/g  |     | J         | 14          |
| TSB-FJ-02-02-0  | F8F050256002  | SW8290        | 6/28/2008     | 1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin | 5.2    | pg/g  |     | J         | 14          |
| TSB-FJ-02-02-0  | F8F050256002  | SW8290        | 6/28/2008     | 1,2,3,6,7,8-Hexachlorodibenzofuran     | 110    | pg/g  |     | J         | 14          |
| TSB-FJ-02-02-0  | F8F050256002  | SW8290        | 6/28/2008     | 1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin | 17     | pg/g  |     | J         | 14          |
| TSB-FJ-02-02-0  | F8F050256002  | SW8290        | 6/28/2008     | 1,2,3,7,8,9-Hexachlorodibenzofuran     | 24     | pg/g  |     | J         | 14          |
| TSB-FJ-02-02-0  | F8F050256002  | SW8290        | 6/28/2008     | 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin | 15     | pg/g  |     | J         | 14          |
| TSB-FJ-02-02-0  | F8F050256002  | SW8290        | 6/28/2008     | 1,2,3,7,8-Pentachlorodibenzofuran      | 110    | pg/g  |     | J         | 14          |
| TSB-FJ-02-02-0  | F8F050256002  | SW8290        | 6/28/2008     | 1,2,3,7,8-Pentachlorodibenzo-p-dioxin  | 17     | pg/g  |     | J         | 14          |
| TSB-FJ-02-02-0  | F8F050256002  | SW8290        | 6/28/2008     | 2,3,4,6,7,8-Hexachlorodibenzofuran     | 36     | pg/g  |     | J         | 14          |
| TSB-FJ-02-02-0  | F8F050256002  | SW8290        | 6/28/2008     | 2,3,4,7,8-Pentachlorodibenzofuran      | 71     | pg/g  |     | J         | 14          |
| TSB-FJ-02-02-0  | F8F050256002  | SW8290        | 6/28/2008     | 2,3,7,8-Tetrachlorodibenzofuran        | 190    | pg/g  |     | J         | 12,14       |
| TSB-FJ-02-02-0  | F8F050256002  | SW8290        | 6/28/2008     | 2,3,7,8-Tetrachlorodibenzo-p-dioxin    | 6.8    | pg/g  |     | J         | 14          |
| TSB-FJ-02-02-0  | F8F050256002  | SW8290        | 6/28/2008     | Octachlorodibenzodioxin                | 43     | pg/g  |     | J         | 14          |
| TSB-FJ-02-02-0  | F8F050256002  | SW8290        | 6/28/2008     | Octachlorodibenzofuran                 | 980    | pg/g  |     | J         | 14          |
| TSB-FJ-02-02-10 | 210150008     | EPA 904.0 mod | 7/14/2008     | Radium-228                             | 1.74   | pCi/g | 1   | J         | 19          |
| TSB-FJ-02-02-10 | 210150008     | HASL-300      | 7/2/2008      | Uranium-233/234                        | <1     | pCi/g | 1   | U         | 3           |
| TSB-FJ-02-02-10 | F8F110177003  | SW6020        | 6/26/2008     | Antimony                               | < 1.3  | mg/kg | 1.3 | UJ        | 4           |
| TSB-FJ-02-02-10 | F8F110177003  | SW6020        | 6/27/2008     | Barium                                 | 246    | mg/kg | 5.3 | J-        | 4           |
| TSB-FJ-02-02-10 | F8F110177003  | SW6020        | 6/27/2008     | Calcium                                | 32900  | mg/kg | 132 | J         | 15          |
| TSB-FJ-02-02-10 | F8F110177003  | SW6020        | 6/26/2008     | Copper                                 | 22.5   | mg/kg | 2.6 | J-        | 4           |
| TSB-FJ-02-02-10 | F8F110177003  | SW6020        | 6/26/2008     | Magnesium                              | 15700  | mg/kg | 132 | J-        | 4           |
| TSB-FJ-02-02-10 | F8F110177003  | SW6020        | 6/26/2008     | Niobium                                | < 6.6  | mg/kg | 6.6 | UJ        | 4           |
| TSB-FJ-02-02-10 | F8F110177003  | SW6020        | 6/26/2008     | Phosphorus (as P)                      | 1190   | mg/kg | 132 | J         | 4,15        |
| TSB-FJ-02-02-10 | F8F110177003  | SW6020        | 6/27/2008     | Strontium                              | 266    | mg/kg | 1.3 | J         | 14          |
| TSB-FJ-02-02-10 | F8F110177003  | SW6020        | 6/27/2008     | Titanium                               | 893    | mg/kg | 1.3 | J         | 15          |
| TSB-FJ-02-02-10 | F8F110177003  | SW6020        | 6/26/2008     | Tungsten                               | < 1.3  | mg/kg | 1.3 | UJ        | 4           |
| TSB-FJ-02-02-10 | F8F110177003  | SW6020        | 6/26/2008     | Zinc                                   | 44.2   | mg/kg | 5.3 | J-        | 4           |
| TSB-FJ-02-02-10 | F8F110177003  | SW8260        | 6/12/2008     | 1,1,2,2-Tetrachloroethane              | < 6.6  | ug/kg | 6.6 | UJ        | 14          |
| TSB-FJ-02-02-10 | F8F110177003  | SW8260        | 6/12/2008     | 1,2,3-Trichlorobenzene                 | < 6.6  | ug/kg | 6.6 | UJ        | 14          |
| TSB-FJ-02-02-10 | F8F110177003  | SW8260        | 6/12/2008     | 1,2,3-Trichloropropane                 | < 6.6  | ug/kg | 6.6 | UJ        | 14          |
| TSB-FJ-02-02-10 | F8F110177003  | SW8260        | 6/12/2008     | 1,2,4-Trichlorobenzene                 | < 6.6  | ug/kg | 6.6 | UJ        | 14          |
| TSB-FJ-02-02-10 | F8F110177003  | SW8260        | 6/12/2008     | 1,2,4-Trimethylbenzene                 | < 6.6  | ug/kg | 6.6 | UJ        | 14          |
| TSB-FJ-02-02-10 | F8F110177003  | SW8260        | 6/12/2008     | 1,2-Dibromo-3-chloropropane (DBCP)     | < 13   | ug/kg | 13  | UJ        | 14          |
| TSB-FJ-02-02-10 | F8F110177003  | SW8260        | 6/12/2008     | 1,2-Dichlorobenzene                    | < 6.6  | ug/kg | 6.6 | UJ        | 14          |

**TABLE 3-1**  
**SUMMARY OF QUALIFIED DATA RESULTS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
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| Sample ID       | Lab Sample ID | Method        | Analysis Date | Analyte                   | Result | Unit  | QL   | Qualifier | Reason_Code |
|-----------------|---------------|---------------|---------------|---------------------------|--------|-------|------|-----------|-------------|
| TSB-FJ-02-02-10 | F8F110177003  | SW8260        | 6/12/2008     | 1,3,5-Trichlorobenzene    | < 6.6  | ug/kg | 6.6  | UJ        | 14          |
| TSB-FJ-02-02-10 | F8F110177003  | SW8260        | 6/12/2008     | 1,3,5-Trimethylbenzene    | < 6.6  | ug/kg | 6.6  | UJ        | 14          |
| TSB-FJ-02-02-10 | F8F110177003  | SW8260        | 6/12/2008     | 1,3-Dichlorobenzene       | < 6.6  | ug/kg | 6.6  | UJ        | 14          |
| TSB-FJ-02-02-10 | F8F110177003  | SW8260        | 6/12/2008     | 1,4-Dichlorobenzene       | < 6.6  | ug/kg | 6.6  | UJ        | 14          |
| TSB-FJ-02-02-10 | F8F110177003  | SW8260        | 6/12/2008     | 1-Nonanal                 | < 13   | ug/kg | 13   | UJ        | 14          |
| TSB-FJ-02-02-10 | F8F110177003  | SW8260        | 6/12/2008     | 2-Chlorotoluene           | < 6.6  | ug/kg | 6.6  | UJ        | 14          |
| TSB-FJ-02-02-10 | F8F110177003  | SW8260        | 6/12/2008     | 2-Phenylbutane            | < 6.6  | ug/kg | 6.6  | UJ        | 14          |
| TSB-FJ-02-02-10 | F8F110177003  | SW8260        | 6/12/2008     | 4-Chlorotoluene           | < 6.6  | ug/kg | 6.6  | UJ        | 14          |
| TSB-FJ-02-02-10 | F8F110177003  | SW8260        | 6/12/2008     | Bromobenzene              | < 6.6  | ug/kg | 6.6  | UJ        | 14          |
| TSB-FJ-02-02-10 | F8F110177003  | SW8260        | 6/12/2008     | Cymene                    | < 6.6  | ug/kg | 6.6  | UJ        | 14          |
| TSB-FJ-02-02-10 | F8F110177003  | SW8260        | 6/12/2008     | Dichloromethane           | < 6.6  | ug/kg | 6.6  | UJ        | 12          |
| TSB-FJ-02-02-10 | F8F110177003  | SW8260        | 6/12/2008     | Ethanol                   | < 330  | ug/kg | 330  | UJ        | 12          |
| TSB-FJ-02-02-10 | F8F110177003  | SW8260        | 6/12/2008     | Isopropylbenzene          | < 6.6  | ug/kg | 6.6  | UJ        | 14          |
| TSB-FJ-02-02-10 | F8F110177003  | SW8260        | 6/12/2008     | n-Butyl benzene           | < 6.6  | ug/kg | 6.6  | UJ        | 14          |
| TSB-FJ-02-02-10 | F8F110177003  | SW8260        | 6/12/2008     | n-Propyl benzene          | < 6.6  | ug/kg | 6.6  | UJ        | 14          |
| TSB-FJ-02-02-10 | F8F110177003  | SW8260        | 6/12/2008     | tert-Butyl benzene        | < 6.6  | ug/kg | 6.6  | UJ        | 14          |
| TSB-FJ-02-02-10 | F8F110177003  | SW8260        | 6/12/2008     | Tetrachloroethylene       | < 6.6  | ug/kg | 6.6  | U         | 3           |
| TSB-FJ-02-02-10 | F8F110177003  | SW8260        | 6/12/2008     | Tribromomethane           | < 6.6  | ug/kg | 6.6  | UJ        | 14          |
| TSB-FJ-02-02-10 | F8F110177003  | SW8270        | 6/19/2008     | Hydroxymethyl phthalimide | < 430  | ug/kg | 430  | UJ        | 12          |
| TSB-FJ-02-02-10 | F8F110177003  | SW8270        | 6/19/2008     | Phthalic acid             | < 2100 | ug/kg | 2100 | UJ        | 12          |
| TSB-FJ-02-02-20 | 210150009     | EPA 904.0 mod | 7/14/2008     | Radium-228                | 1.42   | pCi/g | 1    | J         | 19          |
| TSB-FJ-02-02-20 | F8F110177004  | SW6020        | 6/26/2008     | Antimony                  | < 1.2  | mg/kg | 1.2  | UJ        | 4           |
| TSB-FJ-02-02-20 | F8F110177004  | SW6020        | 6/27/2008     | Barium                    | 60.1   | mg/kg | 24.3 | J-        | 4           |
| TSB-FJ-02-02-20 | F8F110177004  | SW6020        | 6/27/2008     | Calcium                   | 144000 | mg/kg | 608  | J         | 15          |
| TSB-FJ-02-02-20 | F8F110177004  | SW6020        | 6/26/2008     | Copper                    | 6.4    | mg/kg | 2.4  | J-        | 4           |
| TSB-FJ-02-02-20 | F8F110177004  | SW6020        | 6/26/2008     | Magnesium                 | 6180   | mg/kg | 122  | J-        | 4           |
| TSB-FJ-02-02-20 | F8F110177004  | SW6020        | 6/26/2008     | Niobium                   | < 6.1  | mg/kg | 6.1  | UJ        | 4           |
| TSB-FJ-02-02-20 | F8F110177004  | SW6020        | 6/26/2008     | Phosphorus (as P)         | 382    | mg/kg | 122  | J         | 4,15        |
| TSB-FJ-02-02-20 | F8F110177004  | SW6020        | 6/27/2008     | Titanium                  | 261    | mg/kg | 6.1  | J         | 15          |
| TSB-FJ-02-02-20 | F8F110177004  | SW6020        | 6/26/2008     | Tungsten                  | < 1.2  | mg/kg | 1.2  | UJ        | 4           |
| TSB-FJ-02-02-20 | F8F110177004  | SW6020        | 6/26/2008     | Zinc                      | 13.2   | mg/kg | 4.9  | J-        | 4           |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260        | 6/12/2008     | 1,1,2,2-Tetrachloroethane | < 6.1  | ug/kg | 6.1  | UJ        | 14          |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260        | 6/12/2008     | 1,2,3-Trichlorobenzene    | < 6.1  | ug/kg | 6.1  | UJ        | 14          |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260        | 6/12/2008     | 1,2,3-Trichloropropane    | < 6.1  | ug/kg | 6.1  | UJ        | 14          |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260        | 6/12/2008     | 1,2,4-Trichlorobenzene    | < 6.1  | ug/kg | 6.1  | UJ        | 14          |

**TABLE 3-1**  
**SUMMARY OF QUALIFIED DATA RESULTS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
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| Sample ID       | Lab Sample ID | Method        | Analysis Date | Analyte                            | Result | Unit  | QL   | Qualifier | Reason_Code |
|-----------------|---------------|---------------|---------------|------------------------------------|--------|-------|------|-----------|-------------|
| TSB-FJ-02-02-20 | F8F110177004  | SW8260        | 6/12/2008     | 1,2,4-Trimethylbenzene             | < 6.1  | ug/kg | 6.1  | UJ        | 14          |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260        | 6/12/2008     | 1,2-Dibromo-3-chloropropane (DBCP) | < 12   | ug/kg | 12   | UJ        | 14          |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260        | 6/12/2008     | 1,2-Dichlorobenzene                | < 6.1  | ug/kg | 6.1  | UJ        | 14          |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260        | 6/12/2008     | 1,3,5-Trichlorobenzene             | < 6.1  | ug/kg | 6.1  | UJ        | 14          |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260        | 6/12/2008     | 1,3,5-Trimethylbenzene             | < 6.1  | ug/kg | 6.1  | UJ        | 14          |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260        | 6/12/2008     | 1,3-Dichlorobenzene                | < 6.1  | ug/kg | 6.1  | UJ        | 14          |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260        | 6/12/2008     | 1,4-Dichlorobenzene                | < 6.1  | ug/kg | 6.1  | UJ        | 14          |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260        | 6/12/2008     | 1-Nonanal                          | < 12   | ug/kg | 12   | UJ        | 14          |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260        | 6/12/2008     | 2-Chlorotoluene                    | < 6.1  | ug/kg | 6.1  | UJ        | 14          |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260        | 6/12/2008     | 2-Phenylbutane                     | < 6.1  | ug/kg | 6.1  | UJ        | 14          |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260        | 6/12/2008     | 4-Chlorotoluene                    | < 6.1  | ug/kg | 6.1  | UJ        | 14          |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260        | 6/12/2008     | Bromobenzene                       | < 6.1  | ug/kg | 6.1  | UJ        | 14          |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260        | 6/12/2008     | Cymene                             | < 6.1  | ug/kg | 6.1  | UJ        | 14          |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260        | 6/12/2008     | Dichloromethane                    | < 6.1  | ug/kg | 6.1  | UJ        | 12          |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260        | 6/12/2008     | Ethanol                            | < 300  | ug/kg | 300  | UJ        | 12          |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260        | 6/12/2008     | Isopropylbenzene                   | < 6.1  | ug/kg | 6.1  | UJ        | 14          |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260        | 6/12/2008     | n-Butyl benzene                    | < 6.1  | ug/kg | 6.1  | UJ        | 14          |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260        | 6/12/2008     | n-Propyl benzene                   | < 6.1  | ug/kg | 6.1  | UJ        | 14          |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260        | 6/12/2008     | tert-Butyl benzene                 | < 6.1  | ug/kg | 6.1  | UJ        | 14          |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260        | 6/12/2008     | Tetrachloroethylene                | <6.1   | ug/kg | 6.1  | U         | 3           |
| TSB-FJ-02-02-20 | F8F110177004  | SW8260        | 6/12/2008     | Tribromomethane                    | < 6.1  | ug/kg | 6.1  | UJ        | 14          |
| TSB-FJ-02-02-20 | F8F110177004  | SW8270        | 6/19/2008     | Hydroxymethyl phthalimide          | < 400  | ug/kg | 400  | UJ        | 12          |
| TSB-FJ-02-02-20 | F8F110177004  | SW8270        | 6/19/2008     | Phthalic acid                      | < 1900 | ug/kg | 1900 | UJ        | 12          |
| TSB-FJ-02-02-30 | 210150010     | EPA 904.0 mod | 7/14/2008     | Radium-228                         | 1.41   | pCi/g | 1    | J         | 19          |
| TSB-FJ-02-02-30 | F8F110177005  | SW6020        | 6/26/2008     | Antimony                           | < 1.3  | mg/kg | 1.3  | UJ        | 4           |
| TSB-FJ-02-02-30 | F8F110177005  | SW6020        | 6/27/2008     | Barium                             | 91.2   | mg/kg | 26   | J-        | 4           |
| TSB-FJ-02-02-30 | F8F110177005  | SW6020        | 6/27/2008     | Calcium                            | 143000 | mg/kg | 649  | J         | 15          |
| TSB-FJ-02-02-30 | F8F110177005  | SW6020        | 6/26/2008     | Copper                             | 13     | mg/kg | 2.6  | J-        | 4           |
| TSB-FJ-02-02-30 | F8F110177005  | SW6020        | 6/26/2008     | Magnesium                          | 12100  | mg/kg | 130  | J-        | 4           |
| TSB-FJ-02-02-30 | F8F110177005  | SW6020        | 6/26/2008     | Niobium                            | < 6.5  | mg/kg | 6.5  | UJ        | 4           |
| TSB-FJ-02-02-30 | F8F110177005  | SW6020        | 6/26/2008     | Phosphorus (as P)                  | 703    | mg/kg | 130  | J         | 4,15        |
| TSB-FJ-02-02-30 | F8F110177005  | SW6020        | 6/27/2008     | Titanium                           | 492    | mg/kg | 6.5  | J         | 15          |
| TSB-FJ-02-02-30 | F8F110177005  | SW6020        | 6/26/2008     | Tungsten                           | < 1.3  | mg/kg | 1.3  | UJ        | 4           |
| TSB-FJ-02-02-30 | F8F110177005  | SW6020        | 6/26/2008     | Zinc                               | 25.9   | mg/kg | 5.2  | J-        | 4           |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260        | 6/12/2008     | 1,1,2,2-Tetrachloroethane          | < 6.5  | ug/kg | 6.5  | UJ        | 14          |

**TABLE 3-1**  
**SUMMARY OF QUALIFIED DATA RESULTS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
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| Sample ID       | Lab Sample ID | Method         | Analysis Date | Analyte                            | Result | Unit  | QL   | Qualifier | Reason_Code |
|-----------------|---------------|----------------|---------------|------------------------------------|--------|-------|------|-----------|-------------|
| TSB-FJ-02-02-30 | F8F110177005  | SW8260         | 6/12/2008     | 1,2,3-Trichlorobenzene             | < 6.5  | ug/kg | 6.5  | UJ        | 14          |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260         | 6/12/2008     | 1,2,3-Trichloropropane             | < 6.5  | ug/kg | 6.5  | UJ        | 14          |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260         | 6/12/2008     | 1,2,4-Trichlorobenzene             | < 6.5  | ug/kg | 6.5  | UJ        | 14          |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260         | 6/12/2008     | 1,2,4-Trimethylbenzene             | < 6.5  | ug/kg | 6.5  | UJ        | 14          |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260         | 6/12/2008     | 1,2-Dibromo-3-chloropropane (DBCP) | < 13   | ug/kg | 13   | UJ        | 14          |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260         | 6/12/2008     | 1,2-Dichlorobenzene                | < 6.5  | ug/kg | 6.5  | UJ        | 14          |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260         | 6/12/2008     | 1,3,5-Trichlorobenzene             | < 6.5  | ug/kg | 6.5  | UJ        | 14          |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260         | 6/12/2008     | 1,3,5-Trimethylbenzene             | < 6.5  | ug/kg | 6.5  | UJ        | 14          |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260         | 6/12/2008     | 1,3-Dichlorobenzene                | < 6.5  | ug/kg | 6.5  | UJ        | 14          |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260         | 6/12/2008     | 1,4-Dichlorobenzene                | < 6.5  | ug/kg | 6.5  | UJ        | 14          |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260         | 6/12/2008     | 1-Nonanal                          | < 13   | ug/kg | 13   | UJ        | 14          |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260         | 6/12/2008     | 2-Chlorotoluene                    | < 6.5  | ug/kg | 6.5  | UJ        | 14          |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260         | 6/12/2008     | 2-Phenylbutane                     | < 6.5  | ug/kg | 6.5  | UJ        | 14          |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260         | 6/12/2008     | 4-Chlorotoluene                    | < 6.5  | ug/kg | 6.5  | UJ        | 14          |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260         | 6/12/2008     | Bromobenzene                       | < 6.5  | ug/kg | 6.5  | UJ        | 14          |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260         | 6/12/2008     | Cymene                             | < 6.5  | ug/kg | 6.5  | UJ        | 14          |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260         | 6/12/2008     | Dichloromethane                    | < 6.5  | ug/kg | 6.5  | UJ        | 12          |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260         | 6/12/2008     | Ethanol                            | < 320  | ug/kg | 320  | UJ        | 12          |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260         | 6/12/2008     | Isopropylbenzene                   | < 6.5  | ug/kg | 6.5  | UJ        | 14          |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260         | 6/12/2008     | n-Butyl benzene                    | < 6.5  | ug/kg | 6.5  | UJ        | 14          |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260         | 6/12/2008     | n-Propyl benzene                   | < 6.5  | ug/kg | 6.5  | UJ        | 14          |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260         | 6/12/2008     | tert-Butyl benzene                 | < 6.5  | ug/kg | 6.5  | UJ        | 14          |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260         | 6/12/2008     | Tetrachloroethylene                | <6.5   | ug/kg | 6.5  | U         | 3           |
| TSB-FJ-02-02-30 | F8F110177005  | SW8260         | 6/12/2008     | Tribromomethane                    | < 6.5  | ug/kg | 6.5  | UJ        | 14          |
| TSB-FJ-02-02-30 | F8F110177005  | SW8270         | 6/19/2008     | Hydroxymethyl phthalimide          | < 430  | ug/kg | 430  | UJ        | 12          |
| TSB-FJ-02-02-30 | F8F110177005  | SW8270         | 6/19/2008     | Phthalic acid                      | < 2100 | ug/kg | 2100 | UJ        | 12          |
| TSB-FJ-06-02-0  | IRF0782-06    | 3060A/7196A    | 6/18/2008     | Chromium (VI)                      | 0.55   | mg/kg | 1    | J         | 2           |
| TSB-FJ-06-02-0  | IRF0782-06    | EPA 300.1 Mod. | 6/19/2008     | Chlorite                           | < 200  | ug/kg | 200  | R         | 4           |
| TSB-FJ-06-02-10 | F8F110173001  | E300           | 6/18/2008     | Chlorate                           | 3.2    | mg/kg | 5.3  | J         | 2           |
| TSB-FJ-06-02-10 | 210150001     | EPA 904.0 mod  | 7/14/2008     | Radium-228                         | 1.38   | pCi/g | 1    | J         | 19          |
| TSB-FJ-06-02-10 | 210150001     | HASL-300       | 7/2/2008      | Uranium-233/234                    | <1     | pCi/g | 1    | U         | 3           |
| TSB-FJ-06-02-10 | F8F110173001  | SW6010         | 6/13/2008     | Lithium                            | 11.7   | mg/kg | 53.1 | J         | 2           |
| TSB-FJ-06-02-10 | F8F110173001  | SW6010         | 6/13/2008     | Sulfur                             | 531    | mg/kg | 1060 | J         | 2           |
| TSB-FJ-06-02-10 | F8F110173001  | SW6020         | 6/26/2008     | Antimony                           | < 1.1  | mg/kg | 1.1  | UJ        | 4           |
| TSB-FJ-06-02-10 | F8F110173001  | SW6020         | 6/27/2008     | Barium                             | 239    | mg/kg | 4.3  | J-        | 4           |

**TABLE 3-1**  
**SUMMARY OF QUALIFIED DATA RESULTS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
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| Sample ID       | Lab Sample ID | Method         | Analysis Date | Analyte                   | Result | Unit  | QL   | Qualifier | Reason_Code |
|-----------------|---------------|----------------|---------------|---------------------------|--------|-------|------|-----------|-------------|
| TSB-FJ-06-02-10 | F8F110173001  | SW6020         | 6/26/2008     | Boron                     | 10.1   | mg/kg | 21.2 | J         | 2           |
| TSB-FJ-06-02-10 | F8F110173001  | SW6020         | 6/26/2008     | Cadmium                   | 0.073  | mg/kg | 0.11 | J         | 2           |
| TSB-FJ-06-02-10 | F8F110173001  | SW6020         | 6/27/2008     | Calcium                   | 29800  | mg/kg | 106  | J         | 15          |
| TSB-FJ-06-02-10 | F8F110173001  | SW6020         | 6/26/2008     | Copper                    | 15.7   | mg/kg | 2.1  | J-        | 4           |
| TSB-FJ-06-02-10 | F8F110173001  | SW6020         | 6/26/2008     | Magnesium                 | 10200  | mg/kg | 106  | J-        | 4           |
| TSB-FJ-06-02-10 | F8F110173001  | SW6020         | 6/26/2008     | Molybdenum                | 0.66   | mg/kg | 1.1  | J         | 2           |
| TSB-FJ-06-02-10 | F8F110173001  | SW6020         | 6/26/2008     | Niobium                   | < 5.3  | mg/kg | 5.3  | UJ        | 4           |
| TSB-FJ-06-02-10 | F8F110173001  | SW6020         | 6/26/2008     | Phosphorus (as P)         | 1080   | mg/kg | 106  | J         | 4,15        |
| TSB-FJ-06-02-10 | F8F110173001  | SW6020         | 6/26/2008     | Silver                    | 0.13   | mg/kg | 0.43 | J         | 2           |
| TSB-FJ-06-02-10 | F8F110173001  | SW6020         | 6/27/2008     | Titanium                  | 656    | mg/kg | 1.1  | J         | 15          |
| TSB-FJ-06-02-10 | F8F110173001  | SW6020         | 6/26/2008     | Tungsten                  | <1.1   | mg/kg | 1.1  | UJ        | 3,4         |
| TSB-FJ-06-02-10 | F8F110173001  | SW6020         | 6/26/2008     | Zinc                      | 32.9   | mg/kg | 4.3  | J-        | 4           |
| TSB-FJ-06-02-10 | F8F110173001  | SW8260         | 6/12/2008     | Dichloromethane           | < 5.3  | ug/kg | 5.3  | UJ        | 12          |
| TSB-FJ-06-02-10 | F8F110173001  | SW8260         | 6/12/2008     | Ethanol                   | < 270  | ug/kg | 270  | UJ        | 12          |
| TSB-FJ-06-02-10 | F8F110173001  | SW8260         | 6/12/2008     | Tetrachloroethylene       | <5.3   | ug/kg | 5.3  | U         | 3           |
| TSB-FJ-06-02-10 | F8F110173001  | SW8270         | 6/18/2008     | Hydroxymethyl phthalimide | < 350  | ug/kg | 350  | UJ        | 12          |
| TSB-FJ-06-02-10 | F8F110173001  | SW8270         | 6/18/2008     | Phthalic acid             | < 1700 | ug/kg | 1700 | UJ        | 12          |
| TSB-FJ-06-02-20 | F8F110173002  | E300           | 6/18/2008     | Bromide                   | 1      | mg/kg | 3.2  | J         | 2           |
| TSB-FJ-06-02-20 | F8F110173002  | E300.0         | 6/18/2008     | Bromine                   | 2.1    | mg/kg | 6.4  | J         | 2           |
| TSB-FJ-06-02-20 | IRF1297-02    | EPA 300.1 Mod. | 6/26/2008     | Chlorite                  | 250    | ug/kg | 1200 | J-        | 8           |
| TSB-FJ-06-02-20 | 210150002     | EPA 904.0 mod  | 7/14/2008     | Radium-228                | 1.04   | pCi/g | 1    | J         | 19          |
| TSB-FJ-06-02-20 | F8F110173002  | SW6020         | 6/26/2008     | Antimony                  | < 1.6  | mg/kg | 1.6  | UJ        | 4           |
| TSB-FJ-06-02-20 | F8F110173002  | SW6020         | 6/27/2008     | Barium                    | 56.7   | mg/kg | 6.4  | J-        | 4           |
| TSB-FJ-06-02-20 | F8F110173002  | SW6020         | 6/26/2008     | Boron                     | 24.4   | mg/kg | 32.1 | J         | 2           |
| TSB-FJ-06-02-20 | F8F110173002  | SW6020         | 6/27/2008     | Calcium                   | 10900  | mg/kg | 160  | J         | 15          |
| TSB-FJ-06-02-20 | F8F110173002  | SW6020         | 6/26/2008     | Copper                    | 17.8   | mg/kg | 3.2  | J-        | 4           |
| TSB-FJ-06-02-20 | F8F110173002  | SW6020         | 6/26/2008     | Magnesium                 | 30700  | mg/kg | 160  | J-        | 4           |
| TSB-FJ-06-02-20 | F8F110173002  | SW6020         | 6/26/2008     | Molybdenum                | 0.71   | mg/kg | 1.6  | J         | 2           |
| TSB-FJ-06-02-20 | F8F110173002  | SW6020         | 6/26/2008     | Niobium                   | < 8    | mg/kg | 8    | UJ        | 4           |
| TSB-FJ-06-02-20 | F8F110173002  | SW6020         | 6/26/2008     | Phosphorus (as P)         | 566    | mg/kg | 160  | J         | 4,15        |
| TSB-FJ-06-02-20 | F8F110173002  | SW6020         | 6/26/2008     | Silver                    | 0.25   | mg/kg | 0.64 | J         | 2           |
| TSB-FJ-06-02-20 | F8F110173002  | SW6020         | 6/27/2008     | Thallium                  | <0.64  | mg/kg | 0.64 | U         | 3           |
| TSB-FJ-06-02-20 | F8F110173002  | SW6020         | 6/27/2008     | Titanium                  | 743    | mg/kg | 1.6  | J         | 15          |
| TSB-FJ-06-02-20 | F8F110173002  | SW6020         | 6/26/2008     | Tungsten                  | 1.7    | mg/kg | 1.6  | J-        | 4           |
| TSB-FJ-06-02-20 | F8F110173002  | SW6020         | 6/26/2008     | Zinc                      | 41.2   | mg/kg | 6.4  | J-        | 4           |

**TABLE 3-1**  
**SUMMARY OF QUALIFIED DATA RESULTS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
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| Sample ID       | Lab Sample ID | Method | Analysis Date | Analyte                                   | Result | Unit  | QL   | Qualifier | Reason_Code |
|-----------------|---------------|--------|---------------|---|--------|-------|------|-----------|-------------|
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | 1,1,2,2-Tetrachloroethane                 | < 6.4  | ug/kg | 6.4  | UJ        | 14          |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | 1,2,3-Trichlorobenzene                    | < 6.4  | ug/kg | 6.4  | UJ        | 14          |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | 1,2,3-Trichloropropane                    | < 6.4  | ug/kg | 6.4  | UJ        | 14          |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | 1,2,4-Trichlorobenzene                    | < 6.4  | ug/kg | 6.4  | UJ        | 14          |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | 1,2,4-Trimethylbenzene                    | < 6.4  | ug/kg | 6.4  | UJ        | 14          |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | 1,2-Dibromo-3-chloropropane (DBCP)        | < 13   | ug/kg | 13   | UJ        | 14          |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | 1,2-Dichlorobenzene                       | < 6.4  | ug/kg | 6.4  | UJ        | 14          |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | 1,3,5-Trichlorobenzene                    | < 6.4  | ug/kg | 6.4  | UJ        | 14          |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | 1,3,5-Trimethylbenzene                    | < 6.4  | ug/kg | 6.4  | UJ        | 14          |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | 1,3-Dichlorobenzene                       | < 6.4  | ug/kg | 6.4  | UJ        | 14          |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | 1,4-Dichlorobenzene                       | < 6.4  | ug/kg | 6.4  | UJ        | 14          |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | 1-Nonanal                                 | < 13   | ug/kg | 13   | UJ        | 14          |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | 2-Chlorotoluene                           | < 6.4  | ug/kg | 6.4  | UJ        | 14          |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | 2-Phenylbutane                            | < 6.4  | ug/kg | 6.4  | UJ        | 14          |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | 4-Chlorotoluene                           | < 6.4  | ug/kg | 6.4  | UJ        | 14          |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | Bromobenzene                              | < 6.4  | ug/kg | 6.4  | UJ        | 14          |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | Carbon tetrachloride                      | 3.9    | ug/kg | 6.4  | J         | 2           |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | Chloroform                                | 300    | ug/kg | 6.4  | X         | 11          |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | Cymene                                    | < 6.4  | ug/kg | 6.4  | UJ        | 14          |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | Dichloromethane                           | < 6.4  | ug/kg | 6.4  | UJ        | 12          |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | Ethanol                                   | < 320  | ug/kg | 320  | UJ        | 12          |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | Isopropylbenzene                          | < 6.4  | ug/kg | 6.4  | UJ        | 14          |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | n-Butyl benzene                           | < 6.4  | ug/kg | 6.4  | UJ        | 14          |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | n-Propyl benzene                          | < 6.4  | ug/kg | 6.4  | UJ        | 14          |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | tert-Butyl benzene                        | < 6.4  | ug/kg | 6.4  | UJ        | 14          |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | Tetrachloroethylene                       | <6.4   | ug/kg | 6.4  | U         | 3           |
| TSB-FJ-06-02-20 | F8F110173002  | SW8260 | 6/12/2008     | Tribromomethane                           | < 6.4  | ug/kg | 6.4  | UJ        | 14          |
| TSB-FJ-06-02-20 | F8F110173002  | SW8270 | 6/19/2008     | bis(2-Ethylhexyl) phthalate               | 69     | ug/kg | 420  | J         | 2           |
| TSB-FJ-06-02-20 | F8F110173002  | SW8270 | 6/19/2008     | Hydroxymethyl phthalimide                 | < 420  | ug/kg | 420  | UJ        | 12          |
| TSB-FJ-06-02-20 | F8F110173002  | SW8270 | 6/19/2008     | Phthalic acid                             | < 2100 | ug/kg | 2100 | UJ        | 12          |
| TSB-FJ-06-02-20 | F8F110173002  | SW8290 | 6/29/2008     | 1,2,3,4,6,7,8-Heptachlorodibenzofuran     | < 1.6  | pg/g  | 1.6  | UJ        | 14          |
| TSB-FJ-06-02-20 | F8F110173002  | SW8290 | 6/29/2008     | 1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin | < 2    | pg/g  | 2    | UJ        | 14          |
| TSB-FJ-06-02-20 | F8F110173002  | SW8290 | 6/29/2008     | 1,2,3,4,7,8,9-Heptachlorodibenzofuran     | < 2.1  | pg/g  | 2.1  | UJ        | 14          |
| TSB-FJ-06-02-20 | F8F110173002  | SW8290 | 6/29/2008     | Octachlorodibenzodioxin                   | < 4.8  | pg/g  | 4.8  | UJ        | 14          |
| TSB-FJ-06-02-20 | F8F110173002  | SW8290 | 6/29/2008     | Octachlorodibenzofuran                    | < 6.1  | pg/g  | 6.1  | UJ        | 14          |

**TABLE 3-1**  
**SUMMARY OF QUALIFIED DATA RESULTS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
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| Sample ID       | Lab Sample ID | Method        | Analysis Date | Analyte                   | Result | Unit  | QL   | Qualifier | Reason_Code |
|-----------------|---------------|---------------|---------------|---------------------------|--------|-------|------|-----------|-------------|
| TSB-FJ-06-02-30 | 210150003     | EPA 904.0 mod | 7/14/2008     | Radium-228                | 1.59   | pCi/g | 1    | J         | 19          |
| TSB-FJ-06-02-30 | F8F110173003  | SW6020        | 6/26/2008     | Antimony                  | < 1.3  | mg/kg | 1.3  | UJ        | 4           |
| TSB-FJ-06-02-30 | F8F110173003  | SW6020        | 6/27/2008     | Barium                    | 30.5   | mg/kg | 21.5 | J-        | 4           |
| TSB-FJ-06-02-30 | F8F110173003  | SW6020        | 6/26/2008     | Boron                     | 12.4   | mg/kg | 26.9 | J         | 2           |
| TSB-FJ-06-02-30 | F8F110173003  | SW6020        | 6/27/2008     | Calcium                   | 112000 | mg/kg | 537  | J         | 15          |
| TSB-FJ-06-02-30 | F8F110173003  | SW6020        | 6/26/2008     | Copper                    | 9.9    | mg/kg | 2.7  | J-        | 4           |
| TSB-FJ-06-02-30 | F8F110173003  | SW6020        | 6/26/2008     | Magnesium                 | 21000  | mg/kg | 134  | J-        | 4           |
| TSB-FJ-06-02-30 | F8F110173003  | SW6020        | 6/26/2008     | Molybdenum                | 0.47   | mg/kg | 1.3  | J         | 2           |
| TSB-FJ-06-02-30 | F8F110173003  | SW6020        | 6/26/2008     | Niobium                   | < 6.7  | mg/kg | 6.7  | UJ        | 4           |
| TSB-FJ-06-02-30 | F8F110173003  | SW6020        | 6/26/2008     | Palladium                 | 0.25   | mg/kg | 0.27 | J         | 2           |
| TSB-FJ-06-02-30 | F8F110173003  | SW6020        | 6/26/2008     | Phosphorus (as P)         | 649    | mg/kg | 134  | J         | 4,15        |
| TSB-FJ-06-02-30 | F8F110173003  | SW6020        | 6/26/2008     | Silver                    | 0.13   | mg/kg | 0.54 | J         | 2           |
| TSB-FJ-06-02-30 | F8F110173003  | SW6020        | 6/27/2008     | Titanium                  | 483    | mg/kg | 5.4  | J         | 15          |
| TSB-FJ-06-02-30 | F8F110173003  | SW6020        | 6/26/2008     | Tungsten                  | < 1.3  | mg/kg | 1.3  | UJ        | 4           |
| TSB-FJ-06-02-30 | F8F110173003  | SW6020        | 6/26/2008     | Zinc                      | 27.4   | mg/kg | 5.4  | J-        | 4           |
| TSB-FJ-06-02-30 | F8F110173003  | SW8260        | 6/12/2008     | Carbon tetrachloride      | 2.4    | ug/kg | 5.4  | J         | 2           |
| TSB-FJ-06-02-30 | F8F110173003  | SW8260        | 6/12/2008     | Dichloromethane           | < 5.4  | ug/kg | 5.4  | UJ        | 12          |
| TSB-FJ-06-02-30 | F8F110173003  | SW8260        | 6/12/2008     | Ethanol                   | < 270  | ug/kg | 270  | UJ        | 12          |
| TSB-FJ-06-02-30 | F8F110173003  | SW8260        | 6/12/2008     | Tetrachloroethylene       | <5.4   | ug/kg | 5.4  | U         | 3           |
| TSB-FJ-06-02-30 | F8F110173003  | SW8270        | 6/19/2008     | Hydroxymethyl phthalimide | < 350  | ug/kg | 350  | UJ        | 12          |
| TSB-FJ-06-02-30 | F8F110173003  | SW8270        | 6/19/2008     | Phthalic acid             | < 1700 | ug/kg | 1700 | UJ        | 12          |
| TSB-FJ-06-02-0  | F8F050256006  | E300          | 6/17/2008     | Chlorate                  | 62.2   | mg/kg | 5.1  | J         | 12          |
| TSB-FJ-06-02-0  | F8F050256006  | E300          | 6/17/2008     | Fluoride                  | 0.86   | mg/kg | 1    | J         | 2           |
| TSB-FJ-06-02-0  | F8F050256006  | SW6010        | 6/12/2008     | Lithium                   | 16.1   | mg/kg | 101  | J         | 2           |
| TSB-FJ-06-02-0  | F8F050256006  | SW6010        | 6/11/2008     | Sulfur                    | 1310   | mg/kg | 1010 | J-        | 4           |
| TSB-FJ-06-02-0  | F8F050256006  | SW6020        | 6/12/2008     | Antimony                  | <1     | mg/kg | 1    | UJ        | 3,4         |
| TSB-FJ-06-02-0  | F8F050256006  | SW6020        | 6/21/2008     | Barium                    | 1420   | mg/kg | 10.1 | J-        | 4           |
| TSB-FJ-06-02-0  | F8F050256006  | SW6020        | 6/12/2008     | Boron                     | 13.3   | mg/kg | 20.3 | J         | 2           |
| TSB-FJ-06-02-0  | F8F050256006  | SW6020        | 6/12/2008     | Chromium (Total)          | 14.9   | mg/kg | 2    | J-        | 4           |
| TSB-FJ-06-02-0  | F8F050256006  | SW6020        | 6/12/2008     | Cobalt                    | 9.2    | mg/kg | 0.41 | J-        | 4           |
| TSB-FJ-06-02-0  | F8F050256006  | SW6020        | 6/12/2008     | Copper                    | 24     | mg/kg | 2    | J-        | 4           |
| TSB-FJ-06-02-0  | F8F050256006  | SW6020        | 6/12/2008     | Iron                      | 12700  | mg/kg | 10.1 | J         | 15          |
| TSB-FJ-06-02-0  | F8F050256006  | SW6020        | 6/12/2008     | Magnesium                 | 11900  | mg/kg | 101  | J         | 4           |
| TSB-FJ-06-02-0  | F8F050256006  | SW6020        | 6/12/2008     | Nickel                    | 17.5   | mg/kg | 1    | J-        | 4           |
| TSB-FJ-06-02-0  | F8F050256006  | SW6020        | 6/12/2008     | Niobium                   | < 5.1  | mg/kg | 5.1  | UJ        | 4           |



**TABLE 3-1**  
**SUMMARY OF QUALIFIED DATA RESULTS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
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| Sample ID      | Lab Sample ID | Method | Analysis Date | Analyte                                | Result | Unit  | QL   | Qualifier | Reason_Code |
|----------------|---------------|--------|---------------|--|--------|-------|------|-----------|-------------|
| TSB-FJ-06-02-0 | F8F050256006  | SW6020 | 6/12/2008     | Phosphorus (as P)                      | 1010   | mg/kg | 101  | J+        | 4           |
| TSB-FJ-06-02-0 | F8F050256006  | SW6020 | 6/12/2008     | Potassium                              | 1890   | mg/kg | 20.3 | J-        | 4           |
| TSB-FJ-06-02-0 | F8F050256006  | SW6020 | 6/12/2008     | Selenium                               | < 1    | mg/kg | 1    | UJ        | 4           |
| TSB-FJ-06-02-0 | F8F050256006  | SW6020 | 6/12/2008     | Silicon                                | 186    | mg/kg | 50.7 | J+        | 4           |
| TSB-FJ-06-02-0 | F8F050256006  | SW6020 | 6/12/2008     | Silver                                 | 0.2    | mg/kg | 0.41 | J         | 2           |
| TSB-FJ-06-02-0 | F8F050256006  | SW6020 | 6/12/2008     | Strontium                              | 168    | mg/kg | 1    | J         | 4,15        |
| TSB-FJ-06-02-0 | F8F050256006  | SW6020 | 6/12/2008     | Tungsten                               | <1     | mg/kg | 1    | UJ        | 3,4         |
| TSB-FJ-06-02-0 | F8F050256006  | SW6020 | 6/12/2008     | Vanadium                               | 37     | mg/kg | 2    | J-        | 4           |
| TSB-FJ-06-02-0 | F8F050256006  | SW6020 | 6/12/2008     | Zinc                                   | 62.1   | mg/kg | 4.1  | J         | 4           |
| TSB-FJ-06-02-0 | F8F050256006  | SW6020 | 6/12/2008     | Zirconium                              | 21.4   | mg/kg | 20.3 | J-        | 4           |
| TSB-FJ-06-02-0 | F8F050256006  | SW7471 | 6/12/2008     | Mercury                                | 32.8   | ug/kg | 33.8 | J         | 2           |
| TSB-FJ-06-02-0 | F8F050256006  | SW8081 | 6/13/2008     | 2,4-DDE                                | 20     | ug/kg | 1.7  | J+        | 8           |
| TSB-FJ-06-02-0 | F8F050256006  | SW8081 | 6/13/2008     | 4,4-DDE                                | 26     | ug/kg | 1.7  | J+        | 8           |
| TSB-FJ-06-02-0 | F8F050256006  | SW8081 | 6/13/2008     | 4,4-DDT                                | 16     | ug/kg | 1.7  | J         | 8,16        |
| TSB-FJ-06-02-0 | F8F050256006  | SW8081 | 6/13/2008     | alpha-BHC                              | 2      | ug/kg | 1.7  | J+        | 8           |
| TSB-FJ-06-02-0 | F8F050256006  | SW8081 | 6/13/2008     | beta-BHC                               | 65     | ug/kg | 1.7  | X         | 8,11        |
| TSB-FJ-06-02-0 | F8F050256006  | SW8081 | 6/13/2008     | Endrin aldehyde                        | 6.8    | ug/kg | 1.7  | J+        | 8           |
| TSB-FJ-06-02-0 | F8F050256006  | SW8082 | 6/12/2008     | Aroclor 1254                           | 290    | ug/kg | 33   | J+        | 8           |
| TSB-FJ-06-02-0 | F8F050256006  | SW8260 | 6/9/2008      | 1,2,4-Trimethylbenzene                 | 0.68   | ug/kg | 5.1  | J         | 2           |
| TSB-FJ-06-02-0 | F8F050256006  | SW8260 | 6/9/2008      | Acetone                                | 14     | ug/kg | 20   | J         | 2           |
| TSB-FJ-06-02-0 | F8F050256006  | SW8260 | 6/9/2008      | Dichloromethane                        | <11    | ug/kg | 5.1  | U         | 3           |
| TSB-FJ-06-02-0 | F8F050256006  | SW8260 | 6/9/2008      | Ethanol                                | < 250  | ug/kg | 250  | UJ        | 12          |
| TSB-FJ-06-02-0 | F8F050256006  | SW8270 | 6/12/2008     | Benzyl alcohol                         | 94     | ug/kg | 330  | J         | 2           |
| TSB-FJ-06-02-0 | F8F050256006  | SW8270 | 6/12/2008     | bis(2-Ethylhexyl) phthalate            | 140    | ug/kg | 330  | J         | 2           |
| TSB-FJ-06-02-0 | F8F050256006  | SW8270 | 6/12/2008     | Chrysene                               | 39     | ug/kg | 330  | X         | 2           |
| TSB-FJ-06-02-0 | F8F050256006  | SW8270 | 6/12/2008     | Fluoranthene                           | 63     | ug/kg | 330  | J         | 2           |
| TSB-FJ-06-02-0 | F8F050256006  | SW8270 | 6/12/2008     | Hydroxymethyl phthalimide              | 150    | ug/kg | 330  | J-        | 2,12        |
| TSB-FJ-06-02-0 | F8F050256006  | SW8270 | 6/12/2008     | Phenanthrene                           | 37     | ug/kg | 330  | X         | 2           |
| TSB-FJ-06-02-0 | F8F050256006  | SW8270 | 6/12/2008     | Phenol                                 | 130    | ug/kg | 330  | J         | 2           |
| TSB-FJ-06-02-0 | F8F050256006  | SW8270 | 6/12/2008     | Phthalic acid                          | 760    | ug/kg | 1600 | J         | 2,12        |
| TSB-FJ-06-02-0 | F8F050256006  | SW8270 | 6/12/2008     | Pyrene                                 | 36     | ug/kg | 330  | X         | 2           |
| TSB-FJ-06-02-0 | F8F050256006  | SW8290 | 6/28/2008     | 1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin | 3.2    | pg/g  |      | J         | 2           |
| TSB-FJ-06-02-0 | F8F050256006  | SW8290 | 6/28/2008     | 2,3,7,8-Tetrachlorodibenzofuran        | 87     | pg/g  |      | J+        | 12          |
| TSB-FJ-06-02-0 | F8F050256006  | SW8290 | 6/28/2008     | Octachlorodibenzodioxin                | 34     | pg/g  |      | J         | 14          |
| TSB-FJ-06-02-0 | F8F050256006  | SW8290 | 6/28/2008     | Octachlorodibenzofuran                 | 410    | pg/g  |      | J         | 14          |

**TABLE 3-1**  
**SUMMARY OF QUALIFIED DATA RESULTS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
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| Sample ID      | Lab Sample ID | Method         | Analysis Date | Analyte              | Result | Unit  | QL   | Qualifier | Reason_Code |
|----------------|---------------|----------------|---------------|----------------------|--------|-------|------|-----------|-------------|
| TSB-FJ-06-02-0 | F8F050256006  | SW8310         | 6/11/2008     | Benzo(a)anthracene   | 120    | ug/kg | 15   | J+        | 12          |
| TSB-FJ-06-02-0 | F8F050256006  | SW8310         | 6/11/2008     | Benzo(k)fluoranthene | 51     | ug/kg | 15   | J+        | 12          |
| TSB-FR-02-02-0 | F8F050256001  | E300           | 6/16/2008     | Chlorate             | 310    | mg/kg | 50.9 | J         | 12          |
| TSB-FR-02-02-0 | F8F050256001  | E300           | 6/16/2008     | Fluoride             | 0.57   | mg/kg | 1    | J         | 2           |
| TSB-FR-02-02-0 | IRF0782-01    | EPA 300.1 Mod. | 6/18/2008     | Chlorite             | < 410  | ug/kg | 410  | R         | 4           |
| TSB-FR-02-02-0 | F8F050256001  | SW6010         | 6/12/2008     | Lithium              | 10.6   | mg/kg | 50.9 | J         | 2           |
| TSB-FR-02-02-0 | F8F050256001  | SW6010         | 6/11/2008     | Sulfur               | 1230   | mg/kg | 1020 | J-        | 4           |
| TSB-FR-02-02-0 | F8F050256001  | SW6020         | 6/12/2008     | Antimony             | < 1    | mg/kg | 1    | UJ        | 4           |
| TSB-FR-02-02-0 | F8F050256001  | SW6020         | 6/21/2008     | Barium               | 445    | mg/kg | 5.1  | J-        | 4           |
| TSB-FR-02-02-0 | F8F050256001  | SW6020         | 6/12/2008     | Boron                | 11.2   | mg/kg | 20.4 | J         | 2           |
| TSB-FR-02-02-0 | F8F050256001  | SW6020         | 6/12/2008     | Chromium (Total)     | 18.1   | mg/kg | 2    | J-        | 4           |
| TSB-FR-02-02-0 | F8F050256001  | SW6020         | 6/12/2008     | Cobalt               | 7.7    | mg/kg | 0.41 | J-        | 4           |
| TSB-FR-02-02-0 | F8F050256001  | SW6020         | 6/12/2008     | Copper               | 20.4   | mg/kg | 2    | J-        | 4           |
| TSB-FR-02-02-0 | F8F050256001  | SW6020         | 6/12/2008     | Iron                 | 11400  | mg/kg | 10.2 | J         | 15          |
| TSB-FR-02-02-0 | F8F050256001  | SW6020         | 6/12/2008     | Magnesium            | 12500  | mg/kg | 102  | J         | 4           |
| TSB-FR-02-02-0 | F8F050256001  | SW6020         | 6/12/2008     | Nickel               | 14.8   | mg/kg | 1    | J-        | 4           |
| TSB-FR-02-02-0 | F8F050256001  | SW6020         | 6/12/2008     | Niobium              | < 5.1  | mg/kg | 5.1  | UJ        | 4           |
| TSB-FR-02-02-0 | F8F050256001  | SW6020         | 6/12/2008     | Phosphorus (as P)    | 950    | mg/kg | 102  | J+        | 4           |
| TSB-FR-02-02-0 | F8F050256001  | SW6020         | 6/21/2008     | Platinum             | 0.11   | mg/kg | 0.26 | J         | 2           |
| TSB-FR-02-02-0 | F8F050256001  | SW6020         | 6/12/2008     | Potassium            | 1960   | mg/kg | 20.4 | J-        | 4           |
| TSB-FR-02-02-0 | F8F050256001  | SW6020         | 6/12/2008     | Selenium             | < 1    | mg/kg | 1    | UJ        | 4           |
| TSB-FR-02-02-0 | F8F050256001  | SW6020         | 6/12/2008     | Silicon              | 158    | mg/kg | 50.9 | J+        | 4           |
| TSB-FR-02-02-0 | F8F050256001  | SW6020         | 6/12/2008     | Silver               | 0.21   | mg/kg | 0.41 | J         | 2           |
| TSB-FR-02-02-0 | F8F050256001  | SW6020         | 6/12/2008     | Strontium            | 166    | mg/kg | 1    | J         | 4,15        |
| TSB-FR-02-02-0 | F8F050256001  | SW6020         | 6/21/2008     | Thallium             | 0.43   | mg/kg | 0.51 | J         | 2           |
| TSB-FR-02-02-0 | F8F050256001  | SW6020         | 6/12/2008     | Tungsten             | <1     | mg/kg | 1    | UJ        | 3,4         |
| TSB-FR-02-02-0 | F8F050256001  | SW6020         | 6/12/2008     | Vanadium             | 35.6   | mg/kg | 2    | J-        | 4           |
| TSB-FR-02-02-0 | F8F050256001  | SW6020         | 6/12/2008     | Zinc                 | 43.5   | mg/kg | 4.1  | J         | 4           |
| TSB-FR-02-02-0 | F8F050256001  | SW6020         | 6/12/2008     | Zirconium            | 22.6   | mg/kg | 20.4 | J-        | 4           |
| TSB-FR-02-02-0 | F8F050256001  | SW7471         | 6/12/2008     | Mercury              | 30.2   | ug/kg | 33.9 | J         | 2           |
| TSB-FR-02-02-0 | F8F050256001  | SW8081         | 6/13/2008     | 2,4-DDE              | 19     | ug/kg | 8.7  | J         | 16          |
| TSB-FR-02-02-0 | F8F050256001  | SW8081         | 6/13/2008     | 4,4-DDD              | 13     | ug/kg | 8.7  | J+        | 12          |
| TSB-FR-02-02-0 | F8F050256001  | SW8081         | 6/13/2008     | 4,4-DDT              | 220    | ug/kg | 8.7  | X         | 11          |
| TSB-FR-02-02-0 | F8F050256001  | SW8260         | 6/9/2008      | Acetone              | 17     | ug/kg | 20   | J         | 2           |
| TSB-FR-02-02-0 | F8F050256001  | SW8260         | 6/9/2008      | Chloroform           | <5.1   | ug/kg | 5.1  | U         | 13          |

**TABLE 3-1**  
**SUMMARY OF QUALIFIED DATA RESULTS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
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| Sample ID       | Lab Sample ID | Method        | Analysis Date | Analyte                               | Result | Unit  | QL   | Qualifier | Reason_Code |
|-----------------|---------------|---------------|---------------|---------------------------------------|--------|-------|------|-----------|-------------|
| TSB-FR-02-02-0  | F8F050256001  | SW8260        | 6/9/2008      | Dichloromethane                       | 18     | ug/kg | 5.1  |           |             |
| TSB-FR-02-02-0  | F8F050256001  | SW8260        | 6/9/2008      | Ethanol                               | < 250  | ug/kg | 250  | UJ        | 12          |
| TSB-FR-02-02-0  | F8F050256001  | SW8270        | 6/12/2008     | Benzo(a)anthracene                    | 110    | ug/kg | 340  | X         | 2           |
| TSB-FR-02-02-0  | F8F050256001  | SW8270        | 6/12/2008     | Benzo(a)pyrene                        | 170    | ug/kg | 340  | J         | 2,14        |
| TSB-FR-02-02-0  | F8F050256001  | SW8270        | 6/12/2008     | Benzo(b)fluoranthene                  | 1000   | ug/kg | 340  | J         | 14          |
| TSB-FR-02-02-0  | F8F050256001  | SW8270        | 6/12/2008     | Benzo(g,h,i)perylene                  | 380    | ug/kg | 340  | J         | 14          |
| TSB-FR-02-02-0  | F8F050256001  | SW8270        | 6/12/2008     | Benzo(k)fluoranthene                  | 790    | ug/kg | 340  | J         | 14          |
| TSB-FR-02-02-0  | F8F050256001  | SW8270        | 6/12/2008     | Chrysene                              | 280    | ug/kg | 340  | J         | 2           |
| TSB-FR-02-02-0  | F8F050256001  | SW8270        | 6/12/2008     | Dibenzo(a,h)anthracene                | < 340  | ug/kg | 340  | X         | 14          |
| TSB-FR-02-02-0  | F8F050256001  | SW8270        | 6/12/2008     | Di-n-octyl phthalate                  | < 340  | ug/kg | 340  | UJ        | 14          |
| TSB-FR-02-02-0  | F8F050256001  | SW8270        | 6/12/2008     | Hydroxymethyl phthalimide             | < 340  | ug/kg | 340  | UJ        | 12          |
| TSB-FR-02-02-0  | F8F050256001  | SW8270        | 6/12/2008     | Indeno(1,2,3-cd)pyrene                | 410    | ug/kg | 340  | J         | 14          |
| TSB-FR-02-02-0  | F8F050256001  | SW8270        | 6/12/2008     | Phenanthrene                          | 270    | ug/kg | 340  | J         | 2           |
| TSB-FR-02-02-0  | F8F050256001  | SW8270        | 6/12/2008     | Phthalic acid                         | 290    | ug/kg | 1600 | J         | 2,12        |
| TSB-FR-02-02-0  | F8F050256001  | SW8270        | 6/12/2008     | Pyrene                                | 330    | ug/kg | 340  | X         | 2           |
| TSB-FR-02-02-0  | F8F050256001  | SW8290        | 6/28/2008     | 1,2,3,7,8-Pentachlorodibenzo-p-dioxin | 5      | pg/g  |      | J         | 2           |
| TSB-FR-02-02-0  | F8F050256001  | SW8290        | 6/28/2008     | 2,3,7,8-Tetrachlorodibenzofuran       | 72     | pg/g  |      | J         | 12,14       |
| TSB-FR-02-02-0  | F8F050256001  | SW8310        | 6/11/2008     | Benzo(a)anthracene                    | 120    | ug/kg | 15   | J+        | 12          |
| TSB-FR-02-02-0  | F8F050256001  | SW8310        | 6/11/2008     | Benzo(k)fluoranthene                  | 110    | ug/kg | 15   | X         | 12          |
| TSB-FR-02-02-10 | F8F110173004  | E300          | 6/19/2008     | Chlorate                              | 1.2    | mg/kg | 5.7  | J         | 2           |
| TSB-FR-02-02-10 | F8F110173004  | E300          | 6/19/2008     | Chloride                              | 22.6   | mg/kg | 2.3  | J         | 17          |
| TSB-FR-02-02-10 | F8F110173004  | E300          | 6/19/2008     | Fluoride                              | 3      | mg/kg | 1.1  | J         | 17          |
| TSB-FR-02-02-10 | F8F110173004  | E300          | 6/19/2008     | Nitrate (as N)                        | 1.5    | mg/kg | 0.23 | J         | 17          |
| TSB-FR-02-02-10 | F8F110173004  | E300          | 6/19/2008     | Sulfate                               | 305    | mg/kg | 57   | J         | 17          |
| TSB-FR-02-02-10 | F8F110173004  | E300.0        | 6/19/2008     | Chlorine                              | 45.3   | mg/kg | 4.6  | J         | 17          |
| TSB-FR-02-02-10 | 210150004     | EPA 903.1 mod | 6/27/2008     | Radium-226                            | 2.31   | pCi/g | 1    | J         | 17          |
| TSB-FR-02-02-10 | 210150004     | EPA 904.0 mod | 7/14/2008     | Radium-228                            | 1.67   | pCi/g | 1    | J         | 17,19       |
| TSB-FR-02-02-10 | 210150004     | HASL-300      | 7/2/2008      | Uranium-238                           | 0.696  | pCi/g | 1    | J         | 17          |
| TSB-FR-02-02-10 | F8F110173004  | SW6010        | 6/13/2008     | Sulfur                                | 913    | mg/kg | 1140 | J         | 2           |
| TSB-FR-02-02-10 | F8F110173004  | SW6020        | 6/26/2008     | Antimony                              | < 1.1  | mg/kg | 1.1  | UJ        | 4           |
| TSB-FR-02-02-10 | F8F110173004  | SW6020        | 6/27/2008     | Barium                                | 126    | mg/kg | 11.4 | J-        | 4           |
| TSB-FR-02-02-10 | F8F110173004  | SW6020        | 6/26/2008     | Cadmium                               | 0.1    | mg/kg | 0.11 | J         | 2           |
| TSB-FR-02-02-10 | F8F110173004  | SW6020        | 6/27/2008     | Calcium                               | 60100  | mg/kg | 285  | J         | 15,17       |
| TSB-FR-02-02-10 | F8F110173004  | SW6020        | 6/26/2008     | Copper                                | 15     | mg/kg | 2.3  | J-        | 4           |
| TSB-FR-02-02-10 | F8F110173004  | SW6020        | 6/26/2008     | Magnesium                             | 18900  | mg/kg | 114  | J-        | 4           |

**TABLE 3-1**  
**SUMMARY OF QUALIFIED DATA RESULTS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
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| Sample ID          | Lab Sample ID | Method        | Analysis Date | Analyte                                   | Result | Unit  | QL   | Qualifier | Reason_Code |
|--------------------|---------------|---------------|---------------|---|--------|-------|------|-----------|-------------|
| TSB-FR-02-02-10    | F8F110173004  | SW6020        | 6/26/2008     | Molybdenum                                | 0.39   | mg/kg | 1.1  | J         | 2           |
| TSB-FR-02-02-10    | F8F110173004  | SW6020        | 6/26/2008     | Niobium                                   | < 5.7  | mg/kg | 5.7  | UJ        | 4           |
| TSB-FR-02-02-10    | F8F110173004  | SW6020        | 6/26/2008     | Phosphorus (as P)                         | 1200   | mg/kg | 114  | J         | 4,15        |
| TSB-FR-02-02-10    | F8F110173004  | SW6020        | 6/26/2008     | Silver                                    | 0.13   | mg/kg | 0.46 | J         | 2           |
| TSB-FR-02-02-10    | F8F110173004  | SW6020        | 6/26/2008     | Tin                                       | 0.41   | mg/kg | 0.46 | J         | 2           |
| TSB-FR-02-02-10    | F8F110173004  | SW6020        | 6/27/2008     | Titanium                                  | 556    | mg/kg | 2.9  | J         | 15          |
| TSB-FR-02-02-10    | F8F110173004  | SW6020        | 6/26/2008     | Tungsten                                  | < 1.1  | mg/kg | 1.1  | UJ        | 4           |
| TSB-FR-02-02-10    | F8F110173004  | SW6020        | 6/26/2008     | Zinc                                      | 26.2   | mg/kg | 4.6  | J-        | 4           |
| TSB-FR-02-02-10    | F8F110173004  | SW7471        | 6/12/2008     | Mercury                                   | 14.6   | ug/kg | 38   | J         | 2           |
| TSB-FR-02-02-10    | F8F110173004  | SW8260        | 6/12/2008     | Dichloromethane                           | < 5.7  | ug/kg | 5.7  | UJ        | 12          |
| TSB-FR-02-02-10    | F8F110173004  | SW8260        | 6/12/2008     | Ethanol                                   | < 290  | ug/kg | 290  | UJ        | 12          |
| TSB-FR-02-02-10    | F8F110173004  | SW8260        | 6/12/2008     | Tetrachloroethylene                       | <5.7   | ug/kg | 5.7  | U         | 3           |
| TSB-FR-02-02-10    | F8F110173004  | SW8270        | 6/19/2008     | Hydroxymethyl phthalimide                 | < 380  | ug/kg | 380  | UJ        | 12          |
| TSB-FR-02-02-10    | F8F110173004  | SW8270        | 6/19/2008     | Phthalic acid                             | < 1800 | ug/kg | 1800 | UJ        | 12          |
| TSB-FR-02-02-10    | F8F110173004  | SW8290        | 7/4/2008      | 1,2,3,4,6,7,8-Heptachlorodibenzofuran     | < 2.1  | pg/g  | 2.1  | UJ        | 14          |
| TSB-FR-02-02-10    | F8F110173004  | SW8290        | 7/4/2008      | 1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin | < 1.2  | pg/g  | 1.2  | UJ        | 14          |
| TSB-FR-02-02-10    | F8F110173004  | SW8290        | 7/4/2008      | 1,2,3,4,7,8,9-Heptachlorodibenzofuran     | < 2.5  | pg/g  | 2.5  | UJ        | 14          |
| TSB-FR-02-02-10    | F8F110173004  | SW8290        | 7/4/2008      | 1,2,3,4,7,8-Hexachlorodibenzofuran        | < 0.82 | pg/g  | 0.82 | UJ        | 14          |
| TSB-FR-02-02-10    | F8F110173004  | SW8290        | 7/4/2008      | 1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin    | < 0.92 | pg/g  | 0.92 | UJ        | 14          |
| TSB-FR-02-02-10    | F8F110173004  | SW8290        | 7/4/2008      | 1,2,3,6,7,8-Hexachlorodibenzofuran        | < 0.79 | pg/g  | 0.79 | UJ        | 14          |
| TSB-FR-02-02-10    | F8F110173004  | SW8290        | 7/4/2008      | 1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin    | < 0.81 | pg/g  | 0.81 | UJ        | 14          |
| TSB-FR-02-02-10    | F8F110173004  | SW8290        | 7/4/2008      | 1,2,3,7,8,9-Hexachlorodibenzofuran        | < 0.9  | pg/g  | 0.9  | UJ        | 14          |
| TSB-FR-02-02-10    | F8F110173004  | SW8290        | 7/4/2008      | 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin    | < 0.78 | pg/g  | 0.78 | UJ        | 14          |
| TSB-FR-02-02-10    | F8F110173004  | SW8290        | 7/4/2008      | 2,3,4,6,7,8-Hexachlorodibenzofuran        | < 0.82 | pg/g  | 0.82 | UJ        | 14          |
| TSB-FR-02-02-10    | F8F110173004  | SW8290        | 7/4/2008      | Octachlorodibenzodioxin                   | < 4.3  | pg/g  | 4.3  | UJ        | 14          |
| TSB-FR-02-02-10    | F8F110173004  | SW8290        | 7/4/2008      | Octachlorodibenzofuran                    | < 3.1  | pg/g  | 3.1  | UJ        | 14          |
| TSB-FR-02-02-10-FD | F8F110173005  | E300          | 6/19/2008     | Chloride                                  | 11     | mg/kg | 2.1  | J         | 17          |
| TSB-FR-02-02-10-FD | F8F110173005  | E300          | 6/19/2008     | Fluoride                                  | 1.8    | mg/kg | 1.1  | J         | 17          |
| TSB-FR-02-02-10-FD | F8F110173005  | E300          | 6/19/2008     | Nitrate (as N)                            | 0.65   | mg/kg | 0.21 | J         | 17          |
| TSB-FR-02-02-10-FD | F8F110173005  | E300          | 6/19/2008     | Sulfate                                   | 175    | mg/kg | 5.4  | J         | 17          |
| TSB-FR-02-02-10-FD | F8F110173005  | E300.0        | 6/19/2008     | Chlorine                                  | 22     | mg/kg | 4.3  | J         | 17          |
| TSB-FR-02-02-10-FD | 210150005     | EPA 903.1 mod | 6/27/2008     | Radium-226                                | 1.24   | pCi/g | 1    | J         | 17          |
| TSB-FR-02-02-10-FD | 210150005     | EPA 904.0 mod | 7/14/2008     | Radium-228                                | <0.442 | pCi/g | 1    | UJ        | 17,19       |
| TSB-FR-02-02-10-FD | 210150005     | HASL-300      | 7/2/2008      | Uranium-238                               | 1.73   | pCi/g | 1    | J         | 17          |
| TSB-FR-02-02-10-FD | F8F110173005  | SW6010        | 6/13/2008     | Lithium                                   | 22.8   | mg/kg | 53.5 | J         | 2           |

**TABLE 3-1**  
**SUMMARY OF QUALIFIED DATA RESULTS**  
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**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
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| Sample ID          | Lab Sample ID | Method | Analysis Date | Analyte                            | Result | Unit  | QL   | Qualifier | Reason_Code |
|--------------------|---------------|--------|---------------|------------------------------------|--------|-------|------|-----------|-------------|
| TSB-FR-02-02-10-FD | F8F110173005  | SW6010 | 6/13/2008     | Sulfur                             | 509    | mg/kg | 1070 | J         | 2           |
| TSB-FR-02-02-10-FD | F8F110173005  | SW6020 | 6/26/2008     | Antimony                           | < 1.1  | mg/kg | 1.1  | UJ        | 4           |
| TSB-FR-02-02-10-FD | F8F110173005  | SW6020 | 6/27/2008     | Barium                             | 140    | mg/kg | 4.3  | J-        | 4           |
| TSB-FR-02-02-10-FD | F8F110173005  | SW6020 | 6/26/2008     | Cadmium                            | 0.068  | mg/kg | 0.11 | J         | 2           |
| TSB-FR-02-02-10-FD | F8F110173005  | SW6020 | 6/27/2008     | Calcium                            | 22200  | mg/kg | 107  | J         | 15,17       |
| TSB-FR-02-02-10-FD | F8F110173005  | SW6020 | 6/26/2008     | Copper                             | 14.6   | mg/kg | 2.1  | J-        | 4           |
| TSB-FR-02-02-10-FD | F8F110173005  | SW6020 | 6/26/2008     | Magnesium                          | 12500  | mg/kg | 107  | J-        | 4           |
| TSB-FR-02-02-10-FD | F8F110173005  | SW6020 | 6/26/2008     | Molybdenum                         | 0.31   | mg/kg | 1.1  | J         | 2           |
| TSB-FR-02-02-10-FD | F8F110173005  | SW6020 | 6/26/2008     | Niobium                            | < 5.4  | mg/kg | 5.4  | UJ        | 4           |
| TSB-FR-02-02-10-FD | F8F110173005  | SW6020 | 6/26/2008     | Phosphorus (as P)                  | 1160   | mg/kg | 107  | J         | 4,15        |
| TSB-FR-02-02-10-FD | F8F110173005  | SW6020 | 6/26/2008     | Silver                             | 0.12   | mg/kg | 0.43 | J         | 2           |
| TSB-FR-02-02-10-FD | F8F110173005  | SW6020 | 6/27/2008     | Titanium                           | 530    | mg/kg | 1.1  | J         | 15          |
| TSB-FR-02-02-10-FD | F8F110173005  | SW6020 | 6/26/2008     | Tungsten                           | <1.1   | mg/kg | 1.1  | UJ        | 3,4         |
| TSB-FR-02-02-10-FD | F8F110173005  | SW6020 | 6/26/2008     | Zinc                               | 30     | mg/kg | 4.3  | J-        | 4           |
| TSB-FR-02-02-10-FD | F8F110173005  | SW6020 | 6/26/2008     | Zirconium                          | 21.1   | mg/kg | 21.4 | J         | 2           |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | 1,1,2,2-Tetrachloroethane          | < 5.4  | ug/kg | 5.4  | UJ        | 14          |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | 1,2,3-Trichlorobenzene             | < 5.4  | ug/kg | 5.4  | UJ        | 14          |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | 1,2,3-Trichloropropane             | < 5.4  | ug/kg | 5.4  | UJ        | 14          |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | 1,2,4-Trichlorobenzene             | < 5.4  | ug/kg | 5.4  | UJ        | 14          |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | 1,2,4-Trimethylbenzene             | < 5.4  | ug/kg | 5.4  | UJ        | 14          |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | 1,2-Dibromo-3-chloropropane (DBCP) | < 11   | ug/kg | 11   | UJ        | 14          |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | 1,2-Dichlorobenzene                | < 5.4  | ug/kg | 5.4  | UJ        | 14          |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | 1,3,5-Trichlorobenzene             | < 5.4  | ug/kg | 5.4  | UJ        | 14          |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | 1,3,5-Trimethylbenzene             | < 5.4  | ug/kg | 5.4  | UJ        | 14          |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | 1,3-Dichlorobenzene                | < 5.4  | ug/kg | 5.4  | UJ        | 14          |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | 1,4-Dichlorobenzene                | < 5.4  | ug/kg | 5.4  | UJ        | 14          |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | 1-Nonanal                          | < 11   | ug/kg | 11   | UJ        | 14          |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | 2-Chlorotoluene                    | < 5.4  | ug/kg | 5.4  | UJ        | 14          |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | 2-Phenylbutane                     | < 5.4  | ug/kg | 5.4  | UJ        | 14          |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | 4-Chlorotoluene                    | < 5.4  | ug/kg | 5.4  | UJ        | 14          |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | Bromobenzene                       | < 5.4  | ug/kg | 5.4  | UJ        | 14          |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | Cymene                             | < 5.4  | ug/kg | 5.4  | UJ        | 14          |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | Dichloromethane                    | < 5.4  | ug/kg | 5.4  | UJ        | 12          |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | Ethanol                            | < 270  | ug/kg | 270  | UJ        | 12          |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260 | 6/12/2008     | Isopropylbenzene                   | < 5.4  | ug/kg | 5.4  | UJ        | 14          |

**TABLE 3-1**  
**SUMMARY OF QUALIFIED DATA RESULTS**  
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| Sample ID          | Lab Sample ID | Method        | Analysis Date | Analyte                   | Result | Unit  | QL   | Qualifier | Reason_Code |
|--------------------|---------------|---------------|---------------|---------------------------|--------|-------|------|-----------|-------------|
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260        | 6/12/2008     | n-Butyl benzene           | < 5.4  | ug/kg | 5.4  | UJ        | 14          |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260        | 6/12/2008     | n-Propyl benzene          | < 5.4  | ug/kg | 5.4  | UJ        | 14          |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260        | 6/12/2008     | tert-Butyl benzene        | < 5.4  | ug/kg | 5.4  | UJ        | 14          |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260        | 6/12/2008     | Tetrachloroethylene       | <5.4   | ug/kg | 5.4  | U         | 3           |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8260        | 6/12/2008     | Tribromomethane           | < 5.4  | ug/kg | 5.4  | UJ        | 14          |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8270        | 6/19/2008     | Hydroxymethyl phthalimide | < 350  | ug/kg | 350  | UJ        | 12          |
| TSB-FR-02-02-10-FD | F8F110173005  | SW8270        | 6/19/2008     | Phthalic acid             | < 1700 | ug/kg | 1700 | UJ        | 12          |
| TSB-FR-02-02-20    | 210150006     | EPA 904.0 mod | 7/14/2008     | Radium-228                | 1.35   | pCi/g | 1    | J         | 19          |
| TSB-FR-02-02-20    | F8F110177001  | SW6020        | 6/26/2008     | Antimony                  | < 1.1  | mg/kg | 1.1  | UJ        | 4           |
| TSB-FR-02-02-20    | F8F110177001  | SW6020        | 6/27/2008     | Barium                    | 85.3   | mg/kg | 11.1 | J-        | 4           |
| TSB-FR-02-02-20    | F8F110177001  | SW6020        | 6/27/2008     | Calcium                   | 53300  | mg/kg | 278  | J         | 15          |
| TSB-FR-02-02-20    | F8F110177001  | SW6020        | 6/26/2008     | Copper                    | 8.2    | mg/kg | 2.2  | J-        | 4           |
| TSB-FR-02-02-20    | F8F110177001  | SW6020        | 6/26/2008     | Magnesium                 | 4390   | mg/kg | 111  | J-        | 4           |
| TSB-FR-02-02-20    | F8F110177001  | SW6020        | 6/26/2008     | Niobium                   | < 5.6  | mg/kg | 5.6  | UJ        | 4           |
| TSB-FR-02-02-20    | F8F110177001  | SW6020        | 6/26/2008     | Phosphorus (as P)         | 317    | mg/kg | 111  | J         | 4,15        |
| TSB-FR-02-02-20    | F8F110177001  | SW6020        | 6/27/2008     | Titanium                  | 545    | mg/kg | 2.8  | J         | 15          |
| TSB-FR-02-02-20    | F8F110177001  | SW6020        | 6/26/2008     | Tungsten                  | < 1.1  | mg/kg | 1.1  | UJ        | 4           |
| TSB-FR-02-02-20    | F8F110177001  | SW6020        | 6/26/2008     | Zinc                      | 18.1   | mg/kg | 4.4  | J-        | 4           |
| TSB-FR-02-02-20    | F8F110177001  | SW8260        | 6/12/2008     | Dichloromethane           | < 5.6  | ug/kg | 5.6  | UJ        | 12          |
| TSB-FR-02-02-20    | F8F110177001  | SW8260        | 6/12/2008     | Ethanol                   | < 280  | ug/kg | 280  | UJ        | 12          |
| TSB-FR-02-02-20    | F8F110177001  | SW8260        | 6/12/2008     | Tetrachloroethylene       | <5.6   | ug/kg | 5.6  | U         | 3           |
| TSB-FR-02-02-20    | F8F110177001  | SW8270        | 6/19/2008     | Hydroxymethyl phthalimide | < 370  | ug/kg | 370  | UJ        | 12          |
| TSB-FR-02-02-20    | F8F110177001  | SW8270        | 6/19/2008     | Phthalic acid             | < 1800 | ug/kg | 1800 | UJ        | 12          |
| TSB-FR-02-02-30    | 210150007     | EPA 904.0 mod | 7/14/2008     | Radium-228                | 0.956  | pCi/g | 1    | J         | 19          |
| TSB-FR-02-02-30    | F8F110177002  | SW6020        | 6/26/2008     | Antimony                  | < 3.6  | mg/kg | 3.6  | UJ        | 4           |
| TSB-FR-02-02-30    | F8F110177002  | SW6020        | 6/27/2008     | Barium                    | 56.2   | mg/kg | 14.4 | J-        | 4           |
| TSB-FR-02-02-30    | F8F110177002  | SW6020        | 6/27/2008     | Calcium                   | 23400  | mg/kg | 361  | J         | 15          |
| TSB-FR-02-02-30    | F8F110177002  | SW6020        | 6/26/2008     | Copper                    | 28.8   | mg/kg | 7.2  | J-        | 4           |
| TSB-FR-02-02-30    | F8F110177002  | SW6020        | 6/26/2008     | Magnesium                 | 45100  | mg/kg | 361  | J-        | 4           |
| TSB-FR-02-02-30    | F8F110177002  | SW6020        | 6/26/2008     | Niobium                   | < 18   | mg/kg | 18   | UJ        | 4           |
| TSB-FR-02-02-30    | F8F110177002  | SW6020        | 6/26/2008     | Phosphorus (as P)         | 812    | mg/kg | 361  | J         | 4,15        |
| TSB-FR-02-02-30    | F8F110177002  | SW6020        | 6/27/2008     | Titanium                  | 866    | mg/kg | 3.6  | J         | 15          |
| TSB-FR-02-02-30    | F8F110177002  | SW6020        | 6/26/2008     | Tungsten                  | < 3.6  | mg/kg | 3.6  | UJ        | 4           |
| TSB-FR-02-02-30    | F8F110177002  | SW6020        | 6/26/2008     | Zinc                      | 65     | mg/kg | 14.4 | J-        | 4           |
| TSB-FR-02-02-30    | F8F110177002  | SW8260        | 6/12/2008     | 1,1,2,2-Tetrachloroethane | < 7.2  | ug/kg | 7.2  | UJ        | 14          |

**TABLE 3-1**  
**SUMMARY OF QUALIFIED DATA RESULTS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
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| Sample ID       | Lab Sample ID | Method         | Analysis Date | Analyte                            | Result | Unit  | QL   | Qualifier | Reason_Code |
|-----------------|---------------|----------------|---------------|------------------------------------|--------|-------|------|-----------|-------------|
| TSB-FR-02-02-30 | F8F110177002  | SW8260         | 6/12/2008     | 1,2,3-Trichlorobenzene             | < 7.2  | ug/kg | 7.2  | UJ        | 14          |
| TSB-FR-02-02-30 | F8F110177002  | SW8260         | 6/12/2008     | 1,2,3-Trichloropropane             | < 7.2  | ug/kg | 7.2  | UJ        | 14          |
| TSB-FR-02-02-30 | F8F110177002  | SW8260         | 6/12/2008     | 1,2,4-Trichlorobenzene             | < 7.2  | ug/kg | 7.2  | UJ        | 14          |
| TSB-FR-02-02-30 | F8F110177002  | SW8260         | 6/12/2008     | 1,2,4-Trimethylbenzene             | < 7.2  | ug/kg | 7.2  | UJ        | 14          |
| TSB-FR-02-02-30 | F8F110177002  | SW8260         | 6/12/2008     | 1,2-Dibromo-3-chloropropane (DBCP) | < 14   | ug/kg | 14   | UJ        | 14          |
| TSB-FR-02-02-30 | F8F110177002  | SW8260         | 6/12/2008     | 1,2-Dichlorobenzene                | < 7.2  | ug/kg | 7.2  | UJ        | 14          |
| TSB-FR-02-02-30 | F8F110177002  | SW8260         | 6/12/2008     | 1,3,5-Trichlorobenzene             | < 7.2  | ug/kg | 7.2  | UJ        | 14          |
| TSB-FR-02-02-30 | F8F110177002  | SW8260         | 6/12/2008     | 1,3,5-Trimethylbenzene             | < 7.2  | ug/kg | 7.2  | UJ        | 14          |
| TSB-FR-02-02-30 | F8F110177002  | SW8260         | 6/12/2008     | 1,3-Dichlorobenzene                | < 7.2  | ug/kg | 7.2  | UJ        | 14          |
| TSB-FR-02-02-30 | F8F110177002  | SW8260         | 6/12/2008     | 1,4-Dichlorobenzene                | < 7.2  | ug/kg | 7.2  | UJ        | 14          |
| TSB-FR-02-02-30 | F8F110177002  | SW8260         | 6/12/2008     | 1-Nonanal                          | < 14   | ug/kg | 14   | UJ        | 14          |
| TSB-FR-02-02-30 | F8F110177002  | SW8260         | 6/12/2008     | 2-Chlorotoluene                    | < 7.2  | ug/kg | 7.2  | UJ        | 14          |
| TSB-FR-02-02-30 | F8F110177002  | SW8260         | 6/12/2008     | 2-Phenylbutane                     | < 7.2  | ug/kg | 7.2  | UJ        | 14          |
| TSB-FR-02-02-30 | F8F110177002  | SW8260         | 6/12/2008     | 4-Chlorotoluene                    | < 7.2  | ug/kg | 7.2  | UJ        | 14          |
| TSB-FR-02-02-30 | F8F110177002  | SW8260         | 6/12/2008     | Bromobenzene                       | < 7.2  | ug/kg | 7.2  | UJ        | 14          |
| TSB-FR-02-02-30 | F8F110177002  | SW8260         | 6/12/2008     | Cymene                             | < 7.2  | ug/kg | 7.2  | UJ        | 14          |
| TSB-FR-02-02-30 | F8F110177002  | SW8260         | 6/12/2008     | Dichloromethane                    | < 7.2  | ug/kg | 7.2  | UJ        | 12          |
| TSB-FR-02-02-30 | F8F110177002  | SW8260         | 6/12/2008     | Ethanol                            | < 360  | ug/kg | 360  | UJ        | 12          |
| TSB-FR-02-02-30 | F8F110177002  | SW8260         | 6/12/2008     | Isopropylbenzene                   | < 7.2  | ug/kg | 7.2  | UJ        | 14          |
| TSB-FR-02-02-30 | F8F110177002  | SW8260         | 6/12/2008     | n-Butyl benzene                    | < 7.2  | ug/kg | 7.2  | UJ        | 14          |
| TSB-FR-02-02-30 | F8F110177002  | SW8260         | 6/12/2008     | n-Propyl benzene                   | < 7.2  | ug/kg | 7.2  | UJ        | 14          |
| TSB-FR-02-02-30 | F8F110177002  | SW8260         | 6/12/2008     | tert-Butyl benzene                 | < 7.2  | ug/kg | 7.2  | UJ        | 14          |
| TSB-FR-02-02-30 | F8F110177002  | SW8260         | 6/12/2008     | Tetrachloroethylene                | < 7.2  | ug/kg | 7.2  | U         | 3           |
| TSB-FR-02-02-30 | F8F110177002  | SW8260         | 6/12/2008     | Tribromomethane                    | < 7.2  | ug/kg | 7.2  | UJ        | 14          |
| TSB-FR-02-02-30 | F8F110177002  | SW8270         | 6/19/2008     | Hydroxymethyl phthalimide          | < 480  | ug/kg | 480  | UJ        | 12          |
| TSB-FR-02-02-30 | F8F110177002  | SW8270         | 6/19/2008     | Phthalic acid                      | < 2300 | ug/kg | 2300 | UJ        | 12          |
| TSB-GJ-08-0     | IRF0782-05    | 3060A/7196A    | 6/18/2008     | Chromium (VI)                      | 0.49   | mg/kg | 1    | J         | 2           |
| TSB-GJ-08-0     | F8F050256005  | E300           | 6/17/2008     | Chlorate                           | < 5.1  | mg/kg | 5.1  | UJ        | 12          |
| TSB-GJ-08-0     | IRF0782-05    | EPA 300.1 Mod. | 6/19/2008     | Chlorite                           | < 210  | ug/kg | 210  | R         | 4           |
| TSB-GJ-08-0     | F8F050256005  | SW6010         | 6/12/2008     | Lithium                            | 10.3   | mg/kg | 50.8 | J         | 2           |
| TSB-GJ-08-0     | F8F050256005  | SW6010         | 6/11/2008     | Sulfur                             | 1360   | mg/kg | 1020 | J-        | 4           |
| TSB-GJ-08-0     | F8F050256005  | SW6020         | 6/12/2008     | Antimony                           | < 1    | mg/kg | 1    | UJ        | 4           |
| TSB-GJ-08-0     | F8F050256005  | SW6020         | 6/21/2008     | Barium                             | 221    | mg/kg | 5.1  | J-        | 4           |
| TSB-GJ-08-0     | F8F050256005  | SW6020         | 6/12/2008     | Chromium (Total)                   | 9.8    | mg/kg | 2    | J-        | 4           |
| TSB-GJ-08-0     | F8F050256005  | SW6020         | 6/12/2008     | Cobalt                             | 7.2    | mg/kg | 0.41 | J-        | 4           |

**TABLE 3-1**  
**SUMMARY OF QUALIFIED DATA RESULTS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
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| Sample ID    | Lab Sample ID | Method        | Analysis Date | Analyte                               | Result | Unit  | QL   | Qualifier | Reason_Code |
|--------------|---------------|---------------|---------------|---------------------------------------|--------|-------|------|-----------|-------------|
| TSB-GJ-08-0  | F8F050256005  | SW6020        | 6/12/2008     | Copper                                | 17.8   | mg/kg | 2    | J-        | 4           |
| TSB-GJ-08-0  | F8F050256005  | SW6020        | 6/12/2008     | Iron                                  | 11700  | mg/kg | 10.2 | J         | 15          |
| TSB-GJ-08-0  | F8F050256005  | SW6020        | 6/12/2008     | Magnesium                             | 9220   | mg/kg | 102  | J         | 4           |
| TSB-GJ-08-0  | F8F050256005  | SW6020        | 6/12/2008     | Nickel                                | 15.7   | mg/kg | 1    | J-        | 4           |
| TSB-GJ-08-0  | F8F050256005  | SW6020        | 6/12/2008     | Niobium                               | < 5.1  | mg/kg | 5.1  | UJ        | 4           |
| TSB-GJ-08-0  | F8F050256005  | SW6020        | 6/12/2008     | Phosphorus (as P)                     | 984    | mg/kg | 102  | J+        | 4           |
| TSB-GJ-08-0  | F8F050256005  | SW6020        | 6/12/2008     | Potassium                             | 1900   | mg/kg | 20.3 | J-        | 4           |
| TSB-GJ-08-0  | F8F050256005  | SW6020        | 6/12/2008     | Selenium                              | < 1    | mg/kg | 1    | UJ        | 4           |
| TSB-GJ-08-0  | F8F050256005  | SW6020        | 6/12/2008     | Silicon                               | 149    | mg/kg | 50.8 | J+        | 4           |
| TSB-GJ-08-0  | F8F050256005  | SW6020        | 6/12/2008     | Silver                                | 0.17   | mg/kg | 0.41 | J         | 2           |
| TSB-GJ-08-0  | F8F050256005  | SW6020        | 6/12/2008     | Strontium                             | 158    | mg/kg | 1    | J         | 4,15        |
| TSB-GJ-08-0  | F8F050256005  | SW6020        | 6/12/2008     | Tungsten                              | < 1    | mg/kg | 1    | UJ        | 4           |
| TSB-GJ-08-0  | F8F050256005  | SW6020        | 6/12/2008     | Vanadium                              | 37.6   | mg/kg | 2    | J-        | 4           |
| TSB-GJ-08-0  | F8F050256005  | SW6020        | 6/12/2008     | Zinc                                  | 52.3   | mg/kg | 4.1  | J         | 4           |
| TSB-GJ-08-0  | F8F050256005  | SW6020        | 6/12/2008     | Zirconium                             | 19.4   | mg/kg | 20.3 | J-        | 2,4         |
| TSB-GJ-08-0  | F8F050256005  | SW7471        | 6/12/2008     | Mercury                               | 15.9   | ug/kg | 33.9 | J         | 2           |
| TSB-GJ-08-0  | F8F050256005  | SW8260        | 6/9/2008      | Dichloromethane                       | <11    | ug/kg | 5.1  | U         | 3           |
| TSB-GJ-08-0  | F8F050256005  | SW8260        | 6/9/2008      | Ethanol                               | < 250  | ug/kg | 250  | UJ        | 12          |
| TSB-GJ-08-0  | F8F050256005  | SW8270        | 6/12/2008     | Benzo(a)pyrene                        | < 340  | ug/kg | 340  | X         | 14          |
| TSB-GJ-08-0  | F8F050256005  | SW8270        | 6/12/2008     | Benzo(b)fluoranthene                  | < 340  | ug/kg | 340  | X         | 14          |
| TSB-GJ-08-0  | F8F050256005  | SW8270        | 6/12/2008     | Benzo(g,h,i)perylene                  | < 340  | ug/kg | 340  | X         | 14          |
| TSB-GJ-08-0  | F8F050256005  | SW8270        | 6/12/2008     | Benzo(k)fluoranthene                  | < 340  | ug/kg | 340  | X         | 14          |
| TSB-GJ-08-0  | F8F050256005  | SW8270        | 6/12/2008     | Chrysene                              | 86     | ug/kg | 340  | X         | 2           |
| TSB-GJ-08-0  | F8F050256005  | SW8270        | 6/12/2008     | Dibenzo(a,h)anthracene                | < 340  | ug/kg | 340  | X         | 14          |
| TSB-GJ-08-0  | F8F050256005  | SW8270        | 6/12/2008     | Di-n-octyl phthalate                  | < 340  | ug/kg | 340  | UJ        | 14          |
| TSB-GJ-08-0  | F8F050256005  | SW8270        | 6/12/2008     | Hydroxymethyl phthalimide             | < 340  | ug/kg | 340  | UJ        | 12          |
| TSB-GJ-08-0  | F8F050256005  | SW8270        | 6/12/2008     | Indeno(1,2,3-cd)pyrene                | < 340  | ug/kg | 340  | X         | 14          |
| TSB-GJ-08-0  | F8F050256005  | SW8270        | 6/12/2008     | Phthalic acid                         | < 1600 | ug/kg | 1600 | UJ        | 12          |
| TSB-GJ-08-0  | F8F050256005  | SW8290        | 6/28/2008     | 1,2,3,4,7,8,9-Heptachlorodibenzofuran | 24     | pg/g  |      | J         | 14          |
| TSB-GJ-08-0  | F8F050256005  | SW8290        | 6/28/2008     | 1,2,3,7,8,9-Hexachlorodibenzofuran    | 2.7    | pg/g  |      | J         | 2           |
| TSB-GJ-08-0  | F8F050256005  | SW8290        | 6/28/2008     | 2,3,7,8-Tetrachlorodibenzofuran       | 17     | pg/g  |      | J         | 12          |
| TSB-GJ-08-0  | F8F050256005  | SW8290        | 6/28/2008     | 2,3,7,8-Tetrachlorodibenzo-p-dioxin   | 0.53   | pg/g  |      | J         | 2           |
| TSB-GJ-08-0  | F8F050256005  | SW8310        | 6/11/2008     | Benzo(k)fluoranthene                  | 59     | ug/kg | 15   | J+        | 12          |
| TSB-GJ-08-10 | F8F120167001  | E300          | 6/21/2008     | Fluoride                              | 0.6    | mg/kg | 1.1  | J         | 2           |
| TSB-GJ-08-10 | 210228001     | EPA 903.1 mod | 6/27/2008     | Radium-226                            | <1     | pCi/g | 1    | U         | 13          |



**TABLE 3-1**  
**SUMMARY OF QUALIFIED DATA RESULTS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
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| Sample ID    | Lab Sample ID | Method        | Analysis Date | Analyte                   | Result | Unit  | QL   | Qualifier | Reason_Code |
|--------------|---------------|---------------|---------------|---------------------------|--------|-------|------|-----------|-------------|
| TSB-GJ-08-10 | 210228001     | EPA 904.0 mod | 7/14/2008     | Radium-228                | 2.73   | pCi/g | 1    | J         | 19          |
| TSB-GJ-08-10 | F8F120167001  | SW6010        | 6/17/2008     | Lithium                   | < 107  | mg/kg | 107  | UJ        | 4           |
| TSB-GJ-08-10 | F8F120167001  | SW6020        | 6/26/2008     | Antimony                  | < 1.3  | mg/kg | 1.3  | UJ        | 4           |
| TSB-GJ-08-10 | F8F120167001  | SW6020        | 6/26/2008     | Boron                     | 13.8   | mg/kg | 26.8 | J         | 2           |
| TSB-GJ-08-10 | F8F120167001  | SW6020        | 6/26/2008     | Cadmium                   | 0.069  | mg/kg | 0.13 | J         | 2           |
| TSB-GJ-08-10 | F8F120167001  | SW6020        | 6/26/2008     | Copper                    | 16.4   | mg/kg | 2.7  | J-        | 4           |
| TSB-GJ-08-10 | F8F120167001  | SW6020        | 6/26/2008     | Iron                      | 11700  | mg/kg | 13.4 | J         | 15          |
| TSB-GJ-08-10 | F8F120167001  | SW6020        | 6/26/2008     | Molybdenum                | 0.47   | mg/kg | 1.3  | J         | 2           |
| TSB-GJ-08-10 | F8F120167001  | SW6020        | 6/26/2008     | Nickel                    | 15.1   | mg/kg | 1.3  | J-        | 4           |
| TSB-GJ-08-10 | F8F120167001  | SW6020        | 6/26/2008     | Niobium                   | < 6.7  | mg/kg | 6.7  | R         | 4           |
| TSB-GJ-08-10 | F8F120167001  | SW6020        | 6/26/2008     | Phosphorus (as P)         | 761    | mg/kg | 134  | J+        | 4           |
| TSB-GJ-08-10 | F8F120167001  | SW6020        | 6/27/2008     | Silicon                   | 314    | mg/kg | 66.9 | J-        | 4           |
| TSB-GJ-08-10 | F8F120167001  | SW6020        | 6/26/2008     | Silver                    | 0.11   | mg/kg | 0.54 | J         | 2           |
| TSB-GJ-08-10 | F8F120167001  | SW6020        | 6/26/2008     | Tin                       | 0.42   | mg/kg | 0.54 | J         | 2           |
| TSB-GJ-08-10 | F8F120167001  | SW6020        | 6/26/2008     | Tungsten                  | < 1.3  | mg/kg | 1.3  | UJ        | 4           |
| TSB-GJ-08-10 | F8F120167001  | SW6020        | 6/26/2008     | Vanadium                  | 39.1   | mg/kg | 2.7  | J-        | 4           |
| TSB-GJ-08-10 | F8F120167001  | SW6020        | 6/26/2008     | Zinc                      | 30.7   | mg/kg | 5.4  | J-        | 4           |
| TSB-GJ-08-10 | F8F120167001  | SW6020        | 6/26/2008     | Zirconium                 | 24     | mg/kg | 26.8 | J         | 2           |
| TSB-GJ-08-10 | F8F120167001  | SW7471        | 6/17/2008     | Mercury                   | <35.7  | ug/kg | 35.7 | U         | 3           |
| TSB-GJ-08-10 | F8F120167001  | SW8260        | 6/16/2008     | Ethanol                   | < 270  | ug/kg | 270  | UJ        | 12          |
| TSB-GJ-08-10 | F8F120167001  | SW8270        | 6/19/2008     | Hydroxymethyl phthalimide | < 350  | ug/kg | 350  | UJ        | 12          |
| TSB-GJ-08-10 | F8F120167001  | SW8270        | 6/19/2008     | Phthalic acid             | < 1700 | ug/kg | 1700 | UJ        | 12          |
| TSB-GJ-08-20 | F8F120167002  | E300          | 6/21/2008     | Chlorate                  | 1      | mg/kg | 6    | J         | 2           |
| TSB-GJ-08-20 | F8F120167002  | E300          | 6/21/2008     | Fluoride                  | 1      | mg/kg | 1.2  | J         | 2           |
| TSB-GJ-08-20 | 210228002     | EPA 904.0 mod | 7/14/2008     | Radium-228                | 1.61   | pCi/g | 1    | J         | 19          |
| TSB-GJ-08-20 | F8F120167002  | M8015D        | 6/17/2008     | TPH (as Diesel)           | < 30   | mg/kg | 30   | UJ        | 8           |
| TSB-GJ-08-20 | F8F120167002  | SW6010        | 6/17/2008     | Lithium                   | 73.5   | mg/kg | 29.8 | J-        | 4           |
| TSB-GJ-08-20 | F8F120167002  | SW6010        | 6/17/2008     | Sulfur                    | 6030   | mg/kg | 2980 | J+        | 4           |
| TSB-GJ-08-20 | F8F120167002  | SW6020        | 6/26/2008     | Antimony                  | < 1.2  | mg/kg | 1.2  | UJ        | 4           |
| TSB-GJ-08-20 | F8F120167002  | SW6020        | 6/26/2008     | Boron                     | 22.1   | mg/kg | 23.9 | J         | 2           |
| TSB-GJ-08-20 | F8F120167002  | SW6020        | 6/26/2008     | Copper                    | 11.4   | mg/kg | 2.4  | J-        | 4           |
| TSB-GJ-08-20 | F8F120167002  | SW6020        | 6/26/2008     | Iron                      | 11200  | mg/kg | 11.9 | J         | 15          |
| TSB-GJ-08-20 | F8F120167002  | SW6020        | 6/26/2008     | Molybdenum                | 0.56   | mg/kg | 1.2  | J         | 2           |
| TSB-GJ-08-20 | F8F120167002  | SW6020        | 6/26/2008     | Nickel                    | 11.6   | mg/kg | 1.2  | J-        | 4           |
| TSB-GJ-08-20 | F8F120167002  | SW6020        | 6/26/2008     | Niobium                   | < 6    | mg/kg | 6    | R         | 4           |

**TABLE 3-1**  
**SUMMARY OF QUALIFIED DATA RESULTS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
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| Sample ID    | Lab Sample ID | Method        | Analysis Date | Analyte                               | Result | Unit  | QL   | Qualifier | Reason_Code |
|--------------|---------------|---------------|---------------|---------------------------------------|--------|-------|------|-----------|-------------|
| TSB-GJ-08-20 | F8F120167002  | SW6020        | 6/26/2008     | Phosphorus (as P)                     | 484    | mg/kg | 119  | J+        | 4           |
| TSB-GJ-08-20 | F8F120167002  | SW6020        | 6/27/2008     | Silicon                               | 323    | mg/kg | 59.7 | J         | 4,14        |
| TSB-GJ-08-20 | F8F120167002  | SW6020        | 6/26/2008     | Silver                                | 0.17   | mg/kg | 0.48 | J         | 2           |
| TSB-GJ-08-20 | F8F120167002  | SW6020        | 6/27/2008     | Strontium                             | 106    | mg/kg | 1.2  | J         | 14          |
| TSB-GJ-08-20 | F8F120167002  | SW6020        | 6/27/2008     | Thallium                              | <0.48  | mg/kg | 0.48 | U         | 3           |
| TSB-GJ-08-20 | F8F120167002  | SW6020        | 6/26/2008     | Tungsten                              | <1.2   | mg/kg | 1.2  | UJ        | 3,4         |
| TSB-GJ-08-20 | F8F120167002  | SW6020        | 6/26/2008     | Vanadium                              | 42.3   | mg/kg | 2.4  | J-        | 4           |
| TSB-GJ-08-20 | F8F120167002  | SW6020        | 6/26/2008     | Zinc                                  | 32.8   | mg/kg | 4.8  | J-        | 4           |
| TSB-GJ-08-20 | F8F120167002  | SW8260        | 6/16/2008     | Ethanol                               | < 300  | ug/kg | 300  | UJ        | 12          |
| TSB-GJ-08-20 | F8F120167002  | SW8270        | 6/19/2008     | Hydroxymethyl phthalimide             | < 390  | ug/kg | 390  | UJ        | 12          |
| TSB-GJ-08-20 | F8F120167002  | SW8270        | 6/19/2008     | Phthalic acid                         | < 1900 | ug/kg | 1900 | UJ        | 12          |
| TSB-GJ-08-20 | F8F120167002  | SW8290        | 6/28/2008     | 1,2,3,4,6,7,8-Heptachlorodibenzofuran | < 0.17 | pg/g  | 0.17 | UJ        | 14          |
| TSB-GJ-08-20 | F8F120167002  | SW8290        | 6/28/2008     | 1,2,3,4,7,8,9-Heptachlorodibenzofuran | < 0.16 | pg/g  | 0.16 | UJ        | 14          |
| TSB-GJ-08-20 | F8F120167002  | SW8290        | 6/28/2008     | Octachlorodibenzodioxin               | < 2.5  | pg/g  | 2.5  | UJ        | 14          |
| TSB-GJ-08-20 | F8F120167002  | SW8290        | 6/28/2008     | Octachlorodibenzofuran                | < 0.21 | pg/g  | 0.21 | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | E300          | 6/21/2008     | Chlorate                              | 4.1    | mg/kg | 9    | J         | 2           |
| TSB-GJ-08-30 | 210228003     | EPA 904.0 mod | 7/14/2008     | Radium-228                            | 1.58   | pCi/g | 1    | J         | 19          |
| TSB-GJ-08-30 | F8F120167003  | SW6010        | 6/17/2008     | Lithium                               | <180   | mg/kg | 180  | UJ        | 3,4         |
| TSB-GJ-08-30 | F8F120167003  | SW6010        | 6/17/2008     | Sulfur                                | 2240   | mg/kg | 4500 | J+        | 2,4         |
| TSB-GJ-08-30 | F8F120167003  | SW6020        | 6/26/2008     | Antimony                              | < 1.8  | mg/kg | 1.8  | UJ        | 4           |
| TSB-GJ-08-30 | F8F120167003  | SW6020        | 6/26/2008     | Boron                                 | 21.9   | mg/kg | 36   | J         | 2           |
| TSB-GJ-08-30 | F8F120167003  | SW6020        | 6/26/2008     | Copper                                | 17.8   | mg/kg | 3.6  | J-        | 4           |
| TSB-GJ-08-30 | F8F120167003  | SW6020        | 6/26/2008     | Iron                                  | 10200  | mg/kg | 18   | J         | 15          |
| TSB-GJ-08-30 | F8F120167003  | SW6020        | 6/26/2008     | Molybdenum                            | 0.53   | mg/kg | 1.8  | J         | 2           |
| TSB-GJ-08-30 | F8F120167003  | SW6020        | 6/26/2008     | Nickel                                | 11.6   | mg/kg | 1.8  | J-        | 4           |
| TSB-GJ-08-30 | F8F120167003  | SW6020        | 6/26/2008     | Niobium                               | < 9    | mg/kg | 9    | R         | 4           |
| TSB-GJ-08-30 | F8F120167003  | SW6020        | 6/26/2008     | Palladium                             | 0.19   | mg/kg | 0.36 | J         | 2           |
| TSB-GJ-08-30 | F8F120167003  | SW6020        | 6/26/2008     | Phosphorus (as P)                     | 590    | mg/kg | 180  | J+        | 4           |
| TSB-GJ-08-30 | F8F120167003  | SW6020        | 6/27/2008     | Silicon                               | 913    | mg/kg | 90   | J         | 4,14        |
| TSB-GJ-08-30 | F8F120167003  | SW6020        | 6/26/2008     | Silver                                | 0.17   | mg/kg | 0.72 | J         | 2           |
| TSB-GJ-08-30 | F8F120167003  | SW6020        | 6/27/2008     | Strontium                             | 103    | mg/kg | 1.8  | J         | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW6020        | 6/26/2008     | Tungsten                              | < 1.8  | mg/kg | 1.8  | UJ        | 4           |
| TSB-GJ-08-30 | F8F120167003  | SW6020        | 6/26/2008     | Vanadium                              | 37.6   | mg/kg | 3.6  | J-        | 4           |
| TSB-GJ-08-30 | F8F120167003  | SW6020        | 6/26/2008     | Zinc                                  | 34.1   | mg/kg | 7.2  | J-        | 4           |
| TSB-GJ-08-30 | F8F120167003  | SW6020        | 6/26/2008     | Zirconium                             | 32.1   | mg/kg | 36   | J         | 2           |

**TABLE 3-1**  
**SUMMARY OF QUALIFIED DATA RESULTS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
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| Sample ID    | Lab Sample ID | Method | Analysis Date | Analyte                         | Result | Unit  | QL   | Qualifier | Reason_Code |
|--------------|---------------|--------|---------------|---------------------------------|--------|-------|------|-----------|-------------|
| TSB-GJ-08-30 | F8F120167003  | SW8260 | 6/16/2008     | Ethanol                         | < 450  | ug/kg | 450  | UJ        | 12          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | 1,2,4,5-Tetrachlorobenzene      | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | 1,2-Diphenylhydrazine           | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | 1,4-Dioxane                     | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | 2,4,5-Trichlorophenol           | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | 2,4,6-Trichlorophenol           | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | 2,4-Dichlorophenol              | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | 2,4-Dimethylphenol              | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | 2,4-Dinitrophenol               | < 2900 | ug/kg | 2900 | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | 2,4-Dinitrotoluene              | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | 2,6-Dinitrotoluene              | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | 2-Chloronaphthalene             | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | 2-Chlorophenol                  | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | 2-Methylnaphthalene             | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | 2-Nitroaniline                  | < 2900 | ug/kg | 2900 | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | 2-Nitrophenol                   | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | 3,3'-Dichlorobenzidine          | < 2900 | ug/kg | 2900 | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | 3-Methylphenol & 4-Methylphenol | < 1200 | ug/kg | 1200 | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | 3-Nitroaniline                  | < 2900 | ug/kg | 2900 | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | 4-Bromophenyl phenyl ether      | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | 4-Chloro-3-Methylphenol         | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | 4-Chlorophenyl phenyl ether     | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | 4-Chlorothioanisole             | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | 4-Nitrophenol                   | < 2900 | ug/kg | 2900 | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Acenaphthene                    | < 590  | ug/kg | 590  | X         | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Acenaphthylene                  | < 590  | ug/kg | 590  | X         | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Acetophenone                    | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Aniline                         | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Anthracene                      | < 590  | ug/kg | 590  | X         | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Azobenzene                      | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Benzenethiol                    | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Benzo(a)anthracene              | < 590  | ug/kg | 590  | X         | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Benzo(a)pyrene                  | < 590  | ug/kg | 590  | X         | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Benzo(b)fluoranthene            | < 590  | ug/kg | 590  | X         | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Benzo(g,h,i)perylene            | < 590  | ug/kg | 590  | X         | 14          |

**TABLE 3-1**  
**SUMMARY OF QUALIFIED DATA RESULTS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
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| Sample ID    | Lab Sample ID | Method | Analysis Date | Analyte                       | Result | Unit  | QL   | Qualifier | Reason_Code |
|--------------|---------------|--------|---------------|-------------------------------|--------|-------|------|-----------|-------------|
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Benzo(k)fluoranthene          | < 590  | ug/kg | 590  | X         | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Benzoic acid                  | < 2900 | ug/kg | 2900 | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Benzyl alcohol                | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Benzyl butyl phthalate        | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | bis(2-Chloroethoxy) methane   | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | bis(2-Chloroethyl) ether      | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | bis(2-Chloroisopropyl) ether  | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | bis(2-Ethylhexyl) phthalate   | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | bis(p-Chlorophenyl) disulfide | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | bis(p-Chlorophenyl) sulfone   | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Carbazole                     | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Chrysene                      | < 590  | ug/kg | 590  | X         | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Dibenzo(a,h)anthracene        | < 590  | ug/kg | 590  | X         | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Dibenzofuran                  | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Dibutyl phthalate             | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Diethyl phthalate             | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Dimethyl phthalate            | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Di-n-octyl phthalate          | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Diphenyl sulfone              | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Fluoranthene                  | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Fluorene                      | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Hexachloro-1,3-butadiene      | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Hexachlorobenzene             | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Hexachlorocyclopentadiene     | < 2900 | ug/kg | 2900 | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Hexachloroethane              | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Hydroxymethyl phthalimide     | < 590  | ug/kg | 590  | UJ        | 12,14       |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Indeno(1,2,3-cd)pyrene        | < 590  | ug/kg | 590  | X         | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Isophorone                    | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Naphthalene                   | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Nitrobenzene                  | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | N-nitrosodi-n-propylamine     | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | N-nitrosodiphenylamine        | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | o-Cresol                      | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | Octachlorostyrene             | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270 | 6/19/2008     | p-Chloroaniline               | < 590  | ug/kg | 590  | UJ        | 14          |

**TABLE 3-1**  
**SUMMARY OF QUALIFIED DATA RESULTS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
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| Sample ID    | Lab Sample ID | Method        | Analysis Date | Analyte                 | Result | Unit  | QL   | Qualifier | Reason_Code |
|--------------|---------------|---------------|---------------|-------------------------|--------|-------|------|-----------|-------------|
| TSB-GJ-08-30 | F8F120167003  | SW8270        | 6/19/2008     | p-Chlorothiophenol      | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270        | 6/19/2008     | Pentachlorobenzene      | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270        | 6/19/2008     | Pentachlorophenol       | < 2900 | ug/kg | 2900 | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270        | 6/19/2008     | Phenanthrene            | < 590  | ug/kg | 590  | X         | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270        | 6/19/2008     | Phenol                  | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270        | 6/19/2008     | Phenyl Disulfide        | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270        | 6/19/2008     | Phenyl Sulfide          | < 590  | ug/kg | 590  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270        | 6/19/2008     | Phthalic acid           | < 2900 | ug/kg | 2900 | UJ        | 12,14       |
| TSB-GJ-08-30 | F8F120167003  | SW8270        | 6/19/2008     | p-Nitroaniline          | < 2900 | ug/kg | 2900 | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270        | 6/19/2008     | Pyrene                  | < 590  | ug/kg | 590  | X         | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8270        | 6/19/2008     | Pyridine                | < 1200 | ug/kg | 1200 | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8290        | 6/28/2008     | Octachlorodibenzodioxin | < 1.7  | pg/g  | 1.7  | UJ        | 14          |
| TSB-GJ-08-30 | F8F120167003  | SW8290        | 6/28/2008     | Octachlorodibenzofuran  | < 0.2  | pg/g  | 0.2  | UJ        | 14          |
| TSB-GJ-08-40 | 210228004     | EPA 904.0 mod | 7/14/2008     | Radium-228              | 1.83   | pCi/g | 1    | J         | 19          |
| TSB-GJ-08-40 | F8F120167004  | SW6010        | 6/17/2008     | Lithium                 | 73.5   | mg/kg | 40.3 | J-        | 4           |
| TSB-GJ-08-40 | F8F120167004  | SW6020        | 6/26/2008     | Antimony                | < 1.6  | mg/kg | 1.6  | UJ        | 4           |
| TSB-GJ-08-40 | F8F120167004  | SW6020        | 6/26/2008     | Boron                   | 25.2   | mg/kg | 32.2 | J         | 2           |
| TSB-GJ-08-40 | F8F120167004  | SW6020        | 6/26/2008     | Cadmium                 | 0.12   | mg/kg | 0.16 | J         | 2           |
| TSB-GJ-08-40 | F8F120167004  | SW6020        | 6/26/2008     | Copper                  | 16.4   | mg/kg | 3.2  | J-        | 4           |
| TSB-GJ-08-40 | F8F120167004  | SW6020        | 6/26/2008     | Iron                    | 15100  | mg/kg | 16.1 | J         | 15          |
| TSB-GJ-08-40 | F8F120167004  | SW6020        | 6/26/2008     | Molybdenum              | 0.8    | mg/kg | 1.6  | J         | 2           |
| TSB-GJ-08-40 | F8F120167004  | SW6020        | 6/26/2008     | Nickel                  | 16.6   | mg/kg | 1.6  | J-        | 4           |
| TSB-GJ-08-40 | F8F120167004  | SW6020        | 6/26/2008     | Niobium                 | < 8.1  | mg/kg | 8.1  | R         | 4           |
| TSB-GJ-08-40 | F8F120167004  | SW6020        | 6/26/2008     | Palladium               | 0.24   | mg/kg | 0.32 | J         | 2           |
| TSB-GJ-08-40 | F8F120167004  | SW6020        | 6/26/2008     | Phosphorus (as P)       | 705    | mg/kg | 161  | J+        | 4           |
| TSB-GJ-08-40 | F8F120167004  | SW6020        | 6/27/2008     | Silicon                 | 767    | mg/kg | 80.6 | J-        | 4           |
| TSB-GJ-08-40 | F8F120167004  | SW6020        | 6/26/2008     | Silver                  | 0.18   | mg/kg | 0.64 | J         | 2           |
| TSB-GJ-08-40 | F8F120167004  | SW6020        | 6/26/2008     | Tungsten                | < 1.6  | mg/kg | 1.6  | UJ        | 4           |
| TSB-GJ-08-40 | F8F120167004  | SW6020        | 6/26/2008     | Vanadium                | 39     | mg/kg | 3.2  | J-        | 4           |
| TSB-GJ-08-40 | F8F120167004  | SW6020        | 6/26/2008     | Zinc                    | 49     | mg/kg | 6.4  | J-        | 4           |
| TSB-GJ-08-40 | F8F120167004  | SW8260        | 6/16/2008     | Carbon tetrachloride    | 0.84   | ug/kg | 8.1  | J         | 2           |
| TSB-GJ-08-40 | F8F120167004  | SW8260        | 6/16/2008     | Ethanol                 | < 400  | ug/kg | 400  | UJ        | 12          |
| TSB-GJ-08-40 | F8F120167004  | SW8260        | 6/16/2008     | Trichloroethylene       | 4.7    | ug/kg | 8.1  | J         | 2           |
| TSB-GJ-08-40 | F8F120167004  | SW8270        | 6/19/2008     | Benzo(a)pyrene          | < 530  | ug/kg | 530  | X         | 14          |
| TSB-GJ-08-40 | F8F120167004  | SW8270        | 6/19/2008     | Benzo(b)fluoranthene    | < 530  | ug/kg | 530  | X         | 14          |

**TABLE 3-1**  
**SUMMARY OF QUALIFIED DATA RESULTS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
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| Sample ID    | Lab Sample ID | Method         | Analysis Date | Analyte                               | Result | Unit  | QL   | Qualifier | Reason_Code |
|--------------|---------------|----------------|---------------|---------------------------------------|--------|-------|------|-----------|-------------|
| TSB-GJ-08-40 | F8F120167004  | SW8270         | 6/19/2008     | Benzo(g,h,i)perylene                  | < 530  | ug/kg | 530  | X         | 14          |
| TSB-GJ-08-40 | F8F120167004  | SW8270         | 6/19/2008     | Benzo(k)fluoranthene                  | < 530  | ug/kg | 530  | X         | 14          |
| TSB-GJ-08-40 | F8F120167004  | SW8270         | 6/19/2008     | Chrysene                              | 130    | ug/kg | 530  | J         | 2           |
| TSB-GJ-08-40 | F8F120167004  | SW8270         | 6/19/2008     | Dibenzo(a,h)anthracene                | < 530  | ug/kg | 530  | X         | 14          |
| TSB-GJ-08-40 | F8F120167004  | SW8270         | 6/19/2008     | Di-n-octyl phthalate                  | < 530  | ug/kg | 530  | UJ        | 14          |
| TSB-GJ-08-40 | F8F120167004  | SW8270         | 6/19/2008     | Hydroxymethyl phthalimide             | < 530  | ug/kg | 530  | UJ        | 12          |
| TSB-GJ-08-40 | F8F120167004  | SW8270         | 6/19/2008     | Indeno(1,2,3-cd)pyrene                | < 530  | ug/kg | 530  | X         | 14          |
| TSB-GJ-08-40 | F8F120167004  | SW8270         | 6/19/2008     | Phthalic acid                         | < 2600 | ug/kg | 2600 | UJ        | 12          |
| TSB-GJ-08-40 | F8F120167004  | SW8290         | 6/28/2008     | 1,2,3,4,6,7,8-Heptachlorodibenzofuran | < 0.21 | pg/g  | 0.21 | UJ        | 14          |
| TSB-GJ-08-40 | F8F120167004  | SW8290         | 6/28/2008     | 1,2,3,4,7,8,9-Heptachlorodibenzofuran | < 0.24 | pg/g  | 0.24 | UJ        | 14          |
| TSB-GJ-08-40 | F8F120167004  | SW8290         | 6/28/2008     | Octachlorodibenzodioxin               | 12     | pg/g  |      | J         | 2,5,14      |
| TSB-GJ-08-40 | F8F120167004  | SW8290         | 6/28/2008     | Octachlorodibenzofuran                | < 0.89 | pg/g  | 0.89 | UJ        | 14          |
| TSB-GJ-09-0  | F8F050256003  | E300           | 6/17/2008     | Bromide                               | 8.5    | mg/kg | 2.6  | J         | 17          |
| TSB-GJ-09-0  | F8F050256003  | E300           | 6/17/2008     | Chlorate                              | 253    | mg/kg | 51.3 | J         | 12          |
| TSB-GJ-09-0  | F8F050256003  | E300           | 6/17/2008     | Fluoride                              | 0.43   | mg/kg | 1    | J         | 2           |
| TSB-GJ-09-0  | F8F050256003  | E300.0         | 6/17/2008     | Bromine                               | 17.1   | mg/kg | 5.1  | J         | 17          |
| TSB-GJ-09-0  | IRF0782-03    | EPA 300.1 Mod. | 6/19/2008     | Chlorite                              | < 210  | ug/kg | 210  | R         | 4           |
| TSB-GJ-09-0  | 209755001     | EPA 903.1 mod  | 6/23/2008     | Radium-226                            | 1.07   | pCi/g | 1    | J         | 17          |
| TSB-GJ-09-0  | 209755001     | EPA 904.0 mod  | 6/20/2008     | Radium-228                            | 2.32   | pCi/g | 1    | J         | 17          |
| TSB-GJ-09-0  | F8F050256003  | SW6010         | 6/12/2008     | Lithium                               | 24     | mg/kg | 51.3 | J         | 2           |
| TSB-GJ-09-0  | F8F050256003  | SW6010         | 6/11/2008     | Sulfur                                | 1740   | mg/kg | 1030 | J-        | 4           |
| TSB-GJ-09-0  | F8F050256003  | SW6020         | 6/12/2008     | Antimony                              | < 1    | mg/kg | 1    | UJ        | 4           |
| TSB-GJ-09-0  | F8F050256003  | SW6020         | 6/21/2008     | Barium                                | 230    | mg/kg | 5.1  | J-        | 4           |
| TSB-GJ-09-0  | F8F050256003  | SW6020         | 6/12/2008     | Boron                                 | 8      | mg/kg | 20.5 | J         | 2           |
| TSB-GJ-09-0  | F8F050256003  | SW6020         | 6/12/2008     | Cadmium                               | <0.1   | mg/kg | 0.1  | U         | 3           |
| TSB-GJ-09-0  | F8F050256003  | SW6020         | 6/12/2008     | Chromium (Total)                      | 8.1    | mg/kg | 2.1  | J-        | 4           |
| TSB-GJ-09-0  | F8F050256003  | SW6020         | 6/12/2008     | Cobalt                                | 7.9    | mg/kg | 0.41 | J-        | 4           |
| TSB-GJ-09-0  | F8F050256003  | SW6020         | 6/12/2008     | Copper                                | 14     | mg/kg | 2.1  | J-        | 4           |
| TSB-GJ-09-0  | F8F050256003  | SW6020         | 6/12/2008     | Iron                                  | 10800  | mg/kg | 10.3 | J         | 15          |
| TSB-GJ-09-0  | F8F050256003  | SW6020         | 6/12/2008     | Magnesium                             | 11300  | mg/kg | 103  | J         | 4           |
| TSB-GJ-09-0  | F8F050256003  | SW6020         | 6/12/2008     | Molybdenum                            | 0.77   | mg/kg | 1    | J         | 2           |
| TSB-GJ-09-0  | F8F050256003  | SW6020         | 6/12/2008     | Nickel                                | 13.6   | mg/kg | 1    | J-        | 4           |
| TSB-GJ-09-0  | F8F050256003  | SW6020         | 6/12/2008     | Niobium                               | < 5.1  | mg/kg | 5.1  | UJ        | 4           |
| TSB-GJ-09-0  | F8F050256003  | SW6020         | 6/12/2008     | Phosphorus (as P)                     | 908    | mg/kg | 103  | J+        | 4           |
| TSB-GJ-09-0  | F8F050256003  | SW6020         | 6/12/2008     | Potassium                             | 1520   | mg/kg | 20.5 | J-        | 4           |

**TABLE 3-1**  
**SUMMARY OF QUALIFIED DATA RESULTS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
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| Sample ID   | Lab Sample ID | Method | Analysis Date | Analyte                                   | Result | Unit  | QL   | Qualifier | Reason_Code |
|-------------|---------------|--------|---------------|---|--------|-------|------|-----------|-------------|
| TSB-GJ-09-0 | F8F050256003  | SW6020 | 6/12/2008     | Selenium                                  | < 1    | mg/kg | 1    | UJ        | 4           |
| TSB-GJ-09-0 | F8F050256003  | SW6020 | 6/12/2008     | Silicon                                   | 133    | mg/kg | 51.3 | J+        | 4           |
| TSB-GJ-09-0 | F8F050256003  | SW6020 | 6/12/2008     | Silver                                    | 0.14   | mg/kg | 0.41 | J         | 2           |
| TSB-GJ-09-0 | F8F050256003  | SW6020 | 6/12/2008     | Strontium                                 | 287    | mg/kg | 1    | J         | 4,15        |
| TSB-GJ-09-0 | F8F050256003  | SW6020 | 6/12/2008     | Tungsten                                  | < 1    | mg/kg | 1    | UJ        | 4           |
| TSB-GJ-09-0 | F8F050256003  | SW6020 | 6/12/2008     | Vanadium                                  | 33.6   | mg/kg | 2.1  | J-        | 4           |
| TSB-GJ-09-0 | F8F050256003  | SW6020 | 6/12/2008     | Zinc                                      | 33.5   | mg/kg | 4.1  | J         | 4           |
| TSB-GJ-09-0 | F8F050256003  | SW6020 | 6/12/2008     | Zirconium                                 | 18.1   | mg/kg | 20.5 | J-        | 2,4         |
| TSB-GJ-09-0 | F8F050256003  | SW8081 | 6/13/2008     | 4,4-DDE                                   | 16     | ug/kg | 8.7  | J+        | 12          |
| TSB-GJ-09-0 | F8F050256003  | SW8260 | 6/9/2008      | Acetone                                   | 15     | ug/kg | 21   | J         | 2           |
| TSB-GJ-09-0 | F8F050256003  | SW8260 | 6/9/2008      | Ethanol                                   | < 260  | ug/kg | 260  | UJ        | 12          |
| TSB-GJ-09-0 | F8F050256003  | SW8270 | 6/12/2008     | Benzo(a)pyrene                            | < 340  | ug/kg | 340  | X         | 14          |
| TSB-GJ-09-0 | F8F050256003  | SW8270 | 6/12/2008     | Benzo(b)fluoranthene                      | < 340  | ug/kg | 340  | X         | 14          |
| TSB-GJ-09-0 | F8F050256003  | SW8270 | 6/12/2008     | Benzo(g,h,i)perylene                      | < 340  | ug/kg | 340  | X         | 14          |
| TSB-GJ-09-0 | F8F050256003  | SW8270 | 6/12/2008     | Benzo(k)fluoranthene                      | < 340  | ug/kg | 340  | X         | 14          |
| TSB-GJ-09-0 | F8F050256003  | SW8270 | 6/12/2008     | Dibenzo(a,h)anthracene                    | < 340  | ug/kg | 340  | X         | 14          |
| TSB-GJ-09-0 | F8F050256003  | SW8270 | 6/12/2008     | Di-n-octyl phthalate                      | < 340  | ug/kg | 340  | UJ        | 14          |
| TSB-GJ-09-0 | F8F050256003  | SW8270 | 6/12/2008     | Hydroxymethyl phthalimide                 | < 340  | ug/kg | 340  | UJ        | 12          |
| TSB-GJ-09-0 | F8F050256003  | SW8270 | 6/12/2008     | Indeno(1,2,3-cd)pyrene                    | < 340  | ug/kg | 340  | X         | 14          |
| TSB-GJ-09-0 | F8F050256003  | SW8270 | 6/12/2008     | Phthalic acid                             | < 1600 | ug/kg | 1600 | UJ        | 12          |
| TSB-GJ-09-0 | F8F050256003  | SW8290 | 6/28/2008     | 1,2,3,4,6,7,8-Heptachlorodibenzofuran     | 7.7    | pg/g  |      | J         | 14,17       |
| TSB-GJ-09-0 | F8F050256003  | SW8290 | 6/28/2008     | 1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin | < 4.2  | pg/g  | 4.2  | UJ        | 14          |
| TSB-GJ-09-0 | F8F050256003  | SW8290 | 6/28/2008     | 1,2,3,4,7,8,9-Heptachlorodibenzofuran     | 2.8    | pg/g  |      | J         | 2,17        |
| TSB-GJ-09-0 | F8F050256003  | SW8290 | 6/28/2008     | 1,2,3,4,7,8-Hexachlorodibenzofuran        | 5      | pg/g  |      | J         | 2,14        |
| TSB-GJ-09-0 | F8F050256003  | SW8290 | 6/28/2008     | 1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin    | < 0.3  | pg/g  | 0.3  | UJ        | 14          |
| TSB-GJ-09-0 | F8F050256003  | SW8290 | 6/28/2008     | 1,2,3,6,7,8-Hexachlorodibenzofuran        | 2.7    | pg/g  |      | J         | 2,14        |
| TSB-GJ-09-0 | F8F050256003  | SW8290 | 6/28/2008     | 1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin    | < 1.5  | pg/g  | 1.5  | UJ        | 14          |
| TSB-GJ-09-0 | F8F050256003  | SW8290 | 6/28/2008     | 1,2,3,7,8,9-Hexachlorodibenzofuran        | < 0.23 | pg/g  | 0.23 | UJ        | 14          |
| TSB-GJ-09-0 | F8F050256003  | SW8290 | 6/28/2008     | 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin    | < 1.7  | pg/g  | 1.7  | UJ        | 14          |
| TSB-GJ-09-0 | F8F050256003  | SW8290 | 6/28/2008     | 1,2,3,7,8-Pentachlorodibenzofuran         | 2.9    | pg/g  |      | J         | 2,14        |
| TSB-GJ-09-0 | F8F050256003  | SW8290 | 6/28/2008     | 1,2,3,7,8-Pentachlorodibenzo-p-dioxin     | < 0.36 | pg/g  | 0.36 | UJ        | 14          |
| TSB-GJ-09-0 | F8F050256003  | SW8290 | 6/28/2008     | 2,3,4,6,7,8-Hexachlorodibenzofuran        | < 1    | pg/g  | 1    | UJ        | 14          |
| TSB-GJ-09-0 | F8F050256003  | SW8290 | 6/28/2008     | 2,3,4,7,8-Pentachlorodibenzofuran         | 2.5    | pg/g  |      | J         | 2,14,17     |
| TSB-GJ-09-0 | F8F050256003  | SW8290 | 6/28/2008     | 2,3,7,8-Tetrachlorodibenzofuran           | 4      | pg/g  |      | J         | 12          |
| TSB-GJ-09-0 | F8F050256003  | SW8290 | 6/28/2008     | Octachlorodibenzodioxin                   | 31     | pg/g  |      | J         | 14,17       |

**TABLE 3-1**  
**SUMMARY OF QUALIFIED DATA RESULTS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
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| Sample ID      | Lab Sample ID | Method | Analysis Date | Analyte                               | Result | Unit  | QL   | Qualifier | Reason_Code |
|----------------|---------------|--------|---------------|---------------------------------------|--------|-------|------|-----------|-------------|
| TSB-GJ-09-0    | F8F050256003  | SW8290 | 6/28/2008     | Octachlorodibenzofuran                | 19     | pg/g  |      | J         | 14,17       |
| TSB-GJ-09-FD-0 | F8F050256004  | E300   | 6/17/2008     | Bromide                               | 5.1    | mg/kg | 2.6  | J         | 17          |
| TSB-GJ-09-FD-0 | F8F050256004  | E300   | 6/17/2008     | Chlorate                              | 185    | mg/kg | 5.2  | J         | 12          |
| TSB-GJ-09-FD-0 | F8F050256004  | E300   | 6/17/2008     | Fluoride                              | 0.57   | mg/kg | 1    | J         | 2           |
| TSB-GJ-09-FD-0 | F8F050256004  | E300.0 | 6/17/2008     | Bromine                               | 10.1   | mg/kg | 5.2  | J         | 17          |
| TSB-GJ-09-FD-0 | F8F050256004  | SW6010 | 6/12/2008     | Lithium                               | 20.4   | mg/kg | 51.7 | J         | 2           |
| TSB-GJ-09-FD-0 | F8F050256004  | SW6010 | 6/11/2008     | Sulfur                                | 1410   | mg/kg | 1030 | J-        | 4           |
| TSB-GJ-09-FD-0 | F8F050256004  | SW6020 | 6/12/2008     | Antimony                              | < 1    | mg/kg | 1    | UJ        | 4           |
| TSB-GJ-09-FD-0 | F8F050256004  | SW6020 | 6/21/2008     | Barium                                | 211    | mg/kg | 5.2  | J-        | 4           |
| TSB-GJ-09-FD-0 | F8F050256004  | SW6020 | 6/12/2008     | Boron                                 | 10.3   | mg/kg | 20.7 | J         | 2           |
| TSB-GJ-09-FD-0 | F8F050256004  | SW6020 | 6/12/2008     | Chromium (Total)                      | 10.3   | mg/kg | 2.1  | J-        | 4           |
| TSB-GJ-09-FD-0 | F8F050256004  | SW6020 | 6/12/2008     | Cobalt                                | 6.9    | mg/kg | 0.41 | J-        | 4           |
| TSB-GJ-09-FD-0 | F8F050256004  | SW6020 | 6/12/2008     | Copper                                | 15.3   | mg/kg | 2.1  | J-        | 4           |
| TSB-GJ-09-FD-0 | F8F050256004  | SW6020 | 6/12/2008     | Iron                                  | 12200  | mg/kg | 10.3 | J         | 15          |
| TSB-GJ-09-FD-0 | F8F050256004  | SW6020 | 6/12/2008     | Magnesium                             | 13400  | mg/kg | 103  | J         | 4           |
| TSB-GJ-09-FD-0 | F8F050256004  | SW6020 | 6/12/2008     | Molybdenum                            | 0.98   | mg/kg | 1    | J         | 2           |
| TSB-GJ-09-FD-0 | F8F050256004  | SW6020 | 6/12/2008     | Nickel                                | 15     | mg/kg | 1    | J-        | 4           |
| TSB-GJ-09-FD-0 | F8F050256004  | SW6020 | 6/12/2008     | Niobium                               | < 5.2  | mg/kg | 5.2  | UJ        | 4           |
| TSB-GJ-09-FD-0 | F8F050256004  | SW6020 | 6/12/2008     | Phosphorus (as P)                     | 868    | mg/kg | 103  | J+        | 4           |
| TSB-GJ-09-FD-0 | F8F050256004  | SW6020 | 6/12/2008     | Potassium                             | 1840   | mg/kg | 20.7 | J-        | 4           |
| TSB-GJ-09-FD-0 | F8F050256004  | SW6020 | 6/12/2008     | Selenium                              | < 1    | mg/kg | 1    | UJ        | 4           |
| TSB-GJ-09-FD-0 | F8F050256004  | SW6020 | 6/12/2008     | Silicon                               | 158    | mg/kg | 51.7 | J+        | 4           |
| TSB-GJ-09-FD-0 | F8F050256004  | SW6020 | 6/12/2008     | Silver                                | 0.18   | mg/kg | 0.41 | J         | 2           |
| TSB-GJ-09-FD-0 | F8F050256004  | SW6020 | 6/12/2008     | Strontium                             | 267    | mg/kg | 1    | J         | 4,15        |
| TSB-GJ-09-FD-0 | F8F050256004  | SW6020 | 6/12/2008     | Tungsten                              | < 1    | mg/kg | 1    | UJ        | 4           |
| TSB-GJ-09-FD-0 | F8F050256004  | SW6020 | 6/12/2008     | Vanadium                              | 37.2   | mg/kg | 2.1  | J-        | 4           |
| TSB-GJ-09-FD-0 | F8F050256004  | SW6020 | 6/12/2008     | Zinc                                  | 35.8   | mg/kg | 4.1  | J         | 4           |
| TSB-GJ-09-FD-0 | F8F050256004  | SW6020 | 6/12/2008     | Zirconium                             | 22.2   | mg/kg | 20.7 | J-        | 4           |
| TSB-GJ-09-FD-0 | F8F050256004  | SW8081 | 6/13/2008     | 4,4-DDE                               | 14     | ug/kg | 8.8  | J+        | 12          |
| TSB-GJ-09-FD-0 | F8F050256004  | SW8260 | 6/9/2008      | Acetone                               | 9.8    | ug/kg | 21   | J         | 2           |
| TSB-GJ-09-FD-0 | F8F050256004  | SW8260 | 6/9/2008      | Ethanol                               | < 260  | ug/kg | 260  | UJ        | 12          |
| TSB-GJ-09-FD-0 | F8F050256004  | SW8270 | 6/12/2008     | Hydroxymethyl phthalimide             | < 340  | ug/kg | 340  | UJ        | 12          |
| TSB-GJ-09-FD-0 | F8F050256004  | SW8270 | 6/12/2008     | Phthalic acid                         | < 1700 | ug/kg | 1700 | UJ        | 12          |
| TSB-GJ-09-FD-0 | F8F050256004  | SW8290 | 6/28/2008     | 1,2,3,4,6,7,8-Heptachlorodibenzofuran | < 2.5  | pg/g  | 2.5  | UJ        | 17          |
| TSB-GJ-09-FD-0 | F8F050256004  | SW8290 | 6/28/2008     | 1,2,3,4,7,8,9-Heptachlorodibenzofuran | < 1.2  | pg/g  | 1.2  | UJ        | 17          |



**TABLE 3-1**  
**SUMMARY OF QUALIFIED DATA RESULTS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
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| Sample ID      | Lab Sample ID | Method         | Analysis Date | Analyte                           | Result | Unit  | QL   | Qualifier | Reason_Code |
|----------------|---------------|----------------|---------------|-----------------------------------|--------|-------|------|-----------|-------------|
| TSB-GJ-09-FD-0 | F8F050256004  | SW8290         | 6/28/2008     | 2,3,4,7,8-Pentachlorodibenzofuran | < 1.2  | pg/g  | 1.2  | UJ        | 17          |
| TSB-GJ-09-FD-0 | F8F050256004  | SW8290         | 6/28/2008     | 2,3,7,8-Tetrachlorodibenzofuran   | 2.6    | pg/g  |      | J         | 12          |
| TSB-GJ-09-FD-0 | F8F050256004  | SW8290         | 6/28/2008     | Octachlorodibenzodioxin           | 10     | pg/g  |      | J         | 17          |
| TSB-GJ-09-FD-0 | F8F050256004  | SW8290         | 6/28/2008     | Octachlorodibenzofuran            | < 4.1  | pg/g  | 4.1  | UJ        | 17          |
| TSB-GJ-09-0-FD | IRF0782-04    | EPA 300.1 Mod. | 6/19/2008     | Chlorite                          | < 210  | ug/kg | 210  | R         | 4           |
| TSB-GJ-09-10   | F8F120180001  | E300           | 6/21/2008     | Bromide                           | 0.8    | mg/kg | 2.7  | J         | 2           |
| TSB-GJ-09-10   | F8F120180001  | E300           | 6/21/2008     | Fluoride                          | 0.62   | mg/kg | 1.1  | J         | 2           |
| TSB-GJ-09-10   | F8F120180001  | E300.0         | 6/21/2008     | Bromine                           | 1.6    | mg/kg | 5.3  | J         | 2           |
| TSB-GJ-09-10   | IRF1296-01    | EPA 300.1 Mod. | 6/26/2008     | Chlorite                          | < 1100 | ug/kg | 1100 | UJ        | 8           |
| TSB-GJ-09-10   | 210228005     | EPA 904.0 mod  | 7/14/2008     | Radium-228                        | 1.71   | pCi/g | 1    | J         | 19          |
| TSB-GJ-09-10   | F8F120180001  | SW6010         | 6/17/2008     | Lithium                           | <26.6  | mg/kg | 26.6 | UJ        | 3,4         |
| TSB-GJ-09-10   | F8F120180001  | SW6010         | 6/17/2008     | Sulfur                            | 1740   | mg/kg | 2660 | J+        | 2,4         |
| TSB-GJ-09-10   | F8F120180001  | SW6020         | 6/26/2008     | Antimony                          | < 1.1  | mg/kg | 1.1  | UJ        | 4           |
| TSB-GJ-09-10   | F8F120180001  | SW6020         | 6/26/2008     | Boron                             | 8.8    | mg/kg | 21.3 | J         | 2           |
| TSB-GJ-09-10   | F8F120180001  | SW6020         | 6/26/2008     | Cadmium                           | 0.074  | mg/kg | 0.11 | J         | 2           |
| TSB-GJ-09-10   | F8F120180001  | SW6020         | 6/26/2008     | Copper                            | 14.1   | mg/kg | 2.1  | J-        | 4           |
| TSB-GJ-09-10   | F8F120180001  | SW6020         | 6/26/2008     | Iron                              | 12500  | mg/kg | 10.6 | J         | 15          |
| TSB-GJ-09-10   | F8F120180001  | SW6020         | 6/26/2008     | Molybdenum                        | 0.61   | mg/kg | 1.1  | J         | 2           |
| TSB-GJ-09-10   | F8F120180001  | SW6020         | 6/26/2008     | Nickel                            | 14.6   | mg/kg | 1.1  | J-        | 4           |
| TSB-GJ-09-10   | F8F120180001  | SW6020         | 6/26/2008     | Niobium                           | < 5.3  | mg/kg | 5.3  | R         | 4           |
| TSB-GJ-09-10   | F8F120180001  | SW6020         | 6/26/2008     | Phosphorus (as P)                 | 975    | mg/kg | 106  | J+        | 4           |
| TSB-GJ-09-10   | F8F120180001  | SW6020         | 6/26/2008     | Selenium                          | < 1.1  | mg/kg | 1.1  | U         |             |
| TSB-GJ-09-10   | F8F120180001  | SW6020         | 6/27/2008     | Silicon                           | 385    | mg/kg | 53.2 | J-        | 4           |
| TSB-GJ-09-10   | F8F120180001  | SW6020         | 6/26/2008     | Silver                            | 0.11   | mg/kg | 0.43 | J         | 2           |
| TSB-GJ-09-10   | F8F120180001  | SW6020         | 6/26/2008     | Tungsten                          | < 1.1  | mg/kg | 1.1  | UJ        | 4           |
| TSB-GJ-09-10   | F8F120180001  | SW6020         | 6/26/2008     | Vanadium                          | 38.6   | mg/kg | 2.1  | J-        | 4           |
| TSB-GJ-09-10   | F8F120180001  | SW6020         | 6/26/2008     | Zinc                              | 30.1   | mg/kg | 4.3  | J-        | 4           |
| TSB-GJ-09-10   | F8F120180001  | SW6020         | 6/26/2008     | Zirconium                         | 19.5   | mg/kg | 21.3 | J         | 2           |
| TSB-GJ-09-10   | F8F120180001  | SW8260         | 6/16/2008     | Ethanol                           | < 270  | ug/kg | 270  | UJ        | 12          |
| TSB-GJ-09-10   | F8F120180001  | SW8270         | 6/19/2008     | Benzo(a)pyrene                    | < 350  | ug/kg | 350  | X         | 14          |
| TSB-GJ-09-10   | F8F120180001  | SW8270         | 6/19/2008     | Benzo(b)fluoranthene              | < 350  | ug/kg | 350  | X         | 14          |
| TSB-GJ-09-10   | F8F120180001  | SW8270         | 6/19/2008     | Benzo(g,h,i)perylene              | < 350  | ug/kg | 350  | X         | 14          |
| TSB-GJ-09-10   | F8F120180001  | SW8270         | 6/19/2008     | Benzo(k)fluoranthene              | < 350  | ug/kg | 350  | X         | 14          |
| TSB-GJ-09-10   | F8F120180001  | SW8270         | 6/19/2008     | Chrysene                          | 44     | ug/kg | 350  | J         | 2           |
| TSB-GJ-09-10   | F8F120180001  | SW8270         | 6/19/2008     | Dibenzo(a,h)anthracene            | < 350  | ug/kg | 350  | X         | 14          |

**TABLE 3-1**  
**SUMMARY OF QUALIFIED DATA RESULTS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
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| Sample ID    | Lab Sample ID | Method         | Analysis Date | Analyte                   | Result | Unit  | QL   | Qualifier | Reason_Code |
|--------------|---------------|----------------|---------------|---------------------------|--------|-------|------|-----------|-------------|
| TSB-GJ-09-10 | F8F120180001  | SW8270         | 6/19/2008     | Di-n-octyl phthalate      | < 350  | ug/kg | 350  | UJ        | 14          |
| TSB-GJ-09-10 | F8F120180001  | SW8270         | 6/19/2008     | Hydroxymethyl phthalimide | < 350  | ug/kg | 350  | UJ        | 12          |
| TSB-GJ-09-10 | F8F120180001  | SW8270         | 6/19/2008     | Indeno(1,2,3-cd)pyrene    | < 350  | ug/kg | 350  | X         | 14          |
| TSB-GJ-09-10 | F8F120180001  | SW8270         | 6/19/2008     | Phthalic acid             | < 1700 | ug/kg | 1700 | UJ        | 12          |
| TSB-GJ-09-10 | F8F120180001  | SW9071B        | 6/21/2008     | Oil & Grease (HEM)        | < 213  | mg/kg | 213  | UJ        | 4           |
| TSB-GJ-09-20 | IRF1296-02    | 3060A/7196A    | 6/23/2008     | Chromium (VI)             | 0.83   | mg/kg | 1.5  | J         | 2           |
| TSB-GJ-09-20 | F8F120180002  | E300           | 6/21/2008     | Chlorate                  | 3.7    | mg/kg | 6.3  | J         | 2           |
| TSB-GJ-09-20 | F8F120180002  | E300           | 6/21/2008     | Fluoride                  | 0.58   | mg/kg | 1.3  | J         | 2           |
| TSB-GJ-09-20 | F8F120180002  | E300           | 6/21/2008     | Orthophosphate as P       | <6.3   | mg/kg | 6.3  | U         | 3           |
| TSB-GJ-09-20 | IRF1296-02    | EPA 300.1 Mod. | 6/26/2008     | Chlorite                  | < 1500 | ug/kg | 1500 | UJ        | 8           |
| TSB-GJ-09-20 | 210228006     | EPA 904.0 mod  | 7/14/2008     | Radium-228                | 1.5    | pCi/g | 1    | J         | 19          |
| TSB-GJ-09-20 | F8F120180002  | SW6010         | 6/17/2008     | Lithium                   | < 126  | mg/kg | 126  | UJ        | 4           |
| TSB-GJ-09-20 | F8F120180002  | SW6010         | 6/17/2008     | Sulfur                    | 53300  | mg/kg | 3140 | J+        | 4           |
| TSB-GJ-09-20 | F8F120180002  | SW6020         | 6/26/2008     | Antimony                  | < 3.1  | mg/kg | 3.1  | UJ        | 4           |
| TSB-GJ-09-20 | F8F120180002  | SW6020         | 6/26/2008     | Copper                    | 13.5   | mg/kg | 6.3  | J-        | 4           |
| TSB-GJ-09-20 | F8F120180002  | SW6020         | 6/26/2008     | Iron                      | 13200  | mg/kg | 31.4 | J         | 15          |
| TSB-GJ-09-20 | F8F120180002  | SW6020         | 6/26/2008     | Nickel                    | 14.7   | mg/kg | 3.1  | J-        | 4           |
| TSB-GJ-09-20 | F8F120180002  | SW6020         | 6/26/2008     | Niobium                   | < 15.7 | mg/kg | 15.7 | R         | 4           |
| TSB-GJ-09-20 | F8F120180002  | SW6020         | 6/26/2008     | Phosphorus (as P)         | 528    | mg/kg | 314  | J+        | 4           |
| TSB-GJ-09-20 | F8F120180002  | SW6020         | 6/27/2008     | Silicon                   | 549    | mg/kg | 157  | J-        | 4           |
| TSB-GJ-09-20 | F8F120180002  | SW6020         | 6/26/2008     | Silver                    | 0.14   | mg/kg | 1.3  | J         | 2           |
| TSB-GJ-09-20 | F8F120180002  | SW6020         | 6/26/2008     | Tungsten                  | < 3.1  | mg/kg | 3.1  | UJ        | 4           |
| TSB-GJ-09-20 | F8F120180002  | SW6020         | 6/26/2008     | Vanadium                  | 57.7   | mg/kg | 6.3  | J-        | 4           |
| TSB-GJ-09-20 | F8F120180002  | SW6020         | 6/26/2008     | Zinc                      | 91.2   | mg/kg | 12.6 | J-        | 4           |
| TSB-GJ-09-20 | F8F120180002  | SW6020         | 6/26/2008     | Zirconium                 | 31.7   | mg/kg | 62.8 | J         | 2           |
| TSB-GJ-09-20 | F8F120180002  | SW8260         | 6/16/2008     | Ethanol                   | < 310  | ug/kg | 310  | UJ        | 12          |
| TSB-GJ-09-20 | F8F120180002  | SW8270         | 6/19/2008     | Benzo(a)pyrene            | < 410  | ug/kg | 410  | X         | 14          |
| TSB-GJ-09-20 | F8F120180002  | SW8270         | 6/19/2008     | Benzo(b)fluoranthene      | < 410  | ug/kg | 410  | X         | 14          |
| TSB-GJ-09-20 | F8F120180002  | SW8270         | 6/19/2008     | Benzo(g,h,i)perylene      | < 410  | ug/kg | 410  | X         | 14          |
| TSB-GJ-09-20 | F8F120180002  | SW8270         | 6/19/2008     | Benzo(k)fluoranthene      | < 410  | ug/kg | 410  | X         | 14          |
| TSB-GJ-09-20 | F8F120180002  | SW8270         | 6/19/2008     | Dibenzo(a,h)anthracene    | < 410  | ug/kg | 410  | X         | 14          |
| TSB-GJ-09-20 | F8F120180002  | SW8270         | 6/19/2008     | Di-n-octyl phthalate      | < 410  | ug/kg | 410  | UJ        | 14          |
| TSB-GJ-09-20 | F8F120180002  | SW8270         | 6/19/2008     | Hydroxymethyl phthalimide | < 410  | ug/kg | 410  | UJ        | 12          |
| TSB-GJ-09-20 | F8F120180002  | SW8270         | 6/19/2008     | Indeno(1,2,3-cd)pyrene    | < 410  | ug/kg | 410  | X         | 14          |
| TSB-GJ-09-20 | F8F120180002  | SW8270         | 6/19/2008     | Phthalic acid             | < 2000 | ug/kg | 2000 | UJ        | 12          |

**TABLE 3-1**  
**SUMMARY OF QUALIFIED DATA RESULTS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
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| Sample ID    | Lab Sample ID | Method        | Analysis Date | Analyte                                   | Result | Unit  | QL   | Qualifier | Reason_Code |
|--------------|---------------|---------------|---------------|---|--------|-------|------|-----------|-------------|
| TSB-GJ-09-20 | F8F120180002  | SW9071B       | 6/21/2008     | Oil & Grease (HEM)                        | < 251  | mg/kg | 251  | UJ        | 4           |
| TSB-GJ-09-30 | IRF1296-03    | 3060A/7196A   | 6/23/2008     | Chromium (VI)                             | 0.61   | mg/kg | 1.4  | J         | 2           |
| TSB-GJ-09-30 | 210228007     | EPA 903.1 mod | 6/27/2008     | Radium-226                                | <1     | pCi/g | 1    | U         | 13          |
| TSB-GJ-09-30 | 210228007     | EPA 904.0 mod | 7/14/2008     | Radium-228                                | 1.21   | pCi/g | 1    | J         | 19          |
| TSB-GJ-09-30 | F8F120180003  | SW6010        | 6/17/2008     | Lithium                                   | 47.4   | mg/kg | 35.8 | J-        | 4           |
| TSB-GJ-09-30 | F8F120180003  | SW6010        | 6/17/2008     | Sulfur                                    | 1610   | mg/kg | 3580 | J+        | 2,4         |
| TSB-GJ-09-30 | F8F120180003  | SW6020        | 6/26/2008     | Antimony                                  | < 1.4  | mg/kg | 1.4  | UJ        | 4           |
| TSB-GJ-09-30 | F8F120180003  | SW6020        | 6/26/2008     | Boron                                     | 20.5   | mg/kg | 28.6 | J         | 2           |
| TSB-GJ-09-30 | F8F120180003  | SW6020        | 6/26/2008     | Cadmium                                   | 0.064  | mg/kg | 0.14 | J         | 2           |
| TSB-GJ-09-30 | F8F120180003  | SW6020        | 6/26/2008     | Copper                                    | 14.8   | mg/kg | 2.9  | J-        | 4           |
| TSB-GJ-09-30 | F8F120180003  | SW6020        | 6/26/2008     | Iron                                      | 13100  | mg/kg | 14.3 | J         | 15          |
| TSB-GJ-09-30 | F8F120180003  | SW6020        | 6/26/2008     | Molybdenum                                | 0.71   | mg/kg | 1.4  | J         | 2           |
| TSB-GJ-09-30 | F8F120180003  | SW6020        | 6/26/2008     | Nickel                                    | 13.4   | mg/kg | 1.4  | J-        | 4           |
| TSB-GJ-09-30 | F8F120180003  | SW6020        | 6/26/2008     | Niobium                                   | < 7.2  | mg/kg | 7.2  | R         | 4           |
| TSB-GJ-09-30 | F8F120180003  | SW6020        | 6/26/2008     | Phosphorus (as P)                         | 687    | mg/kg | 143  | J+        | 4           |
| TSB-GJ-09-30 | F8F120180003  | SW6020        | 6/27/2008     | Silicon                                   | 726    | mg/kg | 71.6 | J-        | 4           |
| TSB-GJ-09-30 | F8F120180003  | SW6020        | 6/26/2008     | Silver                                    | 0.19   | mg/kg | 0.57 | J         | 2           |
| TSB-GJ-09-30 | F8F120180003  | SW6020        | 6/26/2008     | Tin                                       | 0.56   | mg/kg | 0.57 | J         | 2           |
| TSB-GJ-09-30 | F8F120180003  | SW6020        | 6/26/2008     | Tungsten                                  | < 1.4  | mg/kg | 1.4  | UJ        | 4           |
| TSB-GJ-09-30 | F8F120180003  | SW6020        | 6/26/2008     | Vanadium                                  | 41     | mg/kg | 2.9  | J-        | 4           |
| TSB-GJ-09-30 | F8F120180003  | SW6020        | 6/26/2008     | Zinc                                      | 37.2   | mg/kg | 5.7  | J-        | 4           |
| TSB-GJ-09-30 | F8F120180003  | SW8260        | 6/16/2008     | Ethanol                                   | < 360  | ug/kg | 360  | UJ        | 12          |
| TSB-GJ-09-30 | F8F120180003  | SW8270        | 6/19/2008     | Benzo(a)pyrene                            | < 470  | ug/kg | 470  | X         | 14          |
| TSB-GJ-09-30 | F8F120180003  | SW8270        | 6/19/2008     | Benzo(b)fluoranthene                      | < 470  | ug/kg | 470  | X         | 14          |
| TSB-GJ-09-30 | F8F120180003  | SW8270        | 6/19/2008     | Benzo(g,h,i)perylene                      | < 470  | ug/kg | 470  | X         | 14          |
| TSB-GJ-09-30 | F8F120180003  | SW8270        | 6/19/2008     | Benzo(k)fluoranthene                      | < 470  | ug/kg | 470  | X         | 14          |
| TSB-GJ-09-30 | F8F120180003  | SW8270        | 6/19/2008     | Dibenzo(a,h)anthracene                    | < 470  | ug/kg | 470  | X         | 14          |
| TSB-GJ-09-30 | F8F120180003  | SW8270        | 6/19/2008     | Di-n-octyl phthalate                      | < 470  | ug/kg | 470  | UJ        | 14          |
| TSB-GJ-09-30 | F8F120180003  | SW8270        | 6/19/2008     | Hydroxymethyl phthalimide                 | < 470  | ug/kg | 470  | UJ        | 12          |
| TSB-GJ-09-30 | F8F120180003  | SW8270        | 6/19/2008     | Indeno(1,2,3-cd)pyrene                    | < 470  | ug/kg | 470  | X         | 14          |
| TSB-GJ-09-30 | F8F120180003  | SW8270        | 6/19/2008     | Phthalic acid                             | < 2300 | ug/kg | 2300 | UJ        | 12          |
| TSB-GJ-09-30 | F8F120180003  | SW8290        | 6/28/2008     | 1,2,3,4,6,7,8-Heptachlorodibenzofuran     | < 0.66 | pg/g  | 0.66 | UJ        | 14          |
| TSB-GJ-09-30 | F8F120180003  | SW8290        | 6/28/2008     | 1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin | < 0.78 | pg/g  | 0.78 | UJ        | 14          |
| TSB-GJ-09-30 | F8F120180003  | SW8290        | 6/28/2008     | 1,2,3,4,7,8,9-Heptachlorodibenzofuran     | < 0.8  | pg/g  | 0.8  | UJ        | 14          |
| TSB-GJ-09-30 | F8F120180003  | SW8290        | 6/28/2008     | 1,2,3,4,7,8-Hexachlorodibenzofuran        | < 0.17 | pg/g  | 0.17 | UJ        | 14          |

**TABLE 3-1**  
**SUMMARY OF QUALIFIED DATA RESULTS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
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| Sample ID    | Lab Sample ID | Method        | Analysis Date | Analyte                                | Result  | Unit  | QL    | Qualifier | Reason_Code |
|--------------|---------------|---------------|---------------|--|---------|-------|-------|-----------|-------------|
| TSB-GJ-09-30 | F8F120180003  | SW8290        | 6/28/2008     | 1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin | < 0.27  | pg/g  | 0.27  | UJ        | 14          |
| TSB-GJ-09-30 | F8F120180003  | SW8290        | 6/28/2008     | 1,2,3,6,7,8-Hexachlorodibenzofuran     | < 0.15  | pg/g  | 0.15  | UJ        | 14          |
| TSB-GJ-09-30 | F8F120180003  | SW8290        | 6/28/2008     | 1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin | < 0.21  | pg/g  | 0.21  | UJ        | 14          |
| TSB-GJ-09-30 | F8F120180003  | SW8290        | 6/28/2008     | 1,2,3,7,8,9-Hexachlorodibenzofuran     | < 0.19  | pg/g  | 0.19  | UJ        | 14          |
| TSB-GJ-09-30 | F8F120180003  | SW8290        | 6/28/2008     | 1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin | < 0.22  | pg/g  | 0.22  | UJ        | 14          |
| TSB-GJ-09-30 | F8F120180003  | SW8290        | 6/28/2008     | 1,2,3,7,8-Pentachlorodibenzofuran      | < 0.14  | pg/g  | 0.14  | UJ        | 14          |
| TSB-GJ-09-30 | F8F120180003  | SW8290        | 6/28/2008     | 1,2,3,7,8-Pentachlorodibenzo-p-dioxin  | < 0.4   | pg/g  | 0.4   | UJ        | 14          |
| TSB-GJ-09-30 | F8F120180003  | SW8290        | 6/28/2008     | 2,3,4,6,7,8-Hexachlorodibenzofuran     | < 0.18  | pg/g  | 0.18  | UJ        | 14          |
| TSB-GJ-09-30 | F8F120180003  | SW8290        | 6/28/2008     | 2,3,4,7,8-Pentachlorodibenzofuran      | < 0.15  | pg/g  | 0.15  | UJ        | 14          |
| TSB-GJ-09-30 | F8F120180003  | SW8290        | 6/28/2008     | 2,3,7,8-Tetrachlorodibenzofuran        | < 0.054 | pg/g  | 0.054 | UJ        | 14          |
| TSB-GJ-09-30 | F8F120180003  | SW8290        | 6/28/2008     | Octachlorodibenzodioxin                | < 5.5   | pg/g  | 5.5   | UJ        | 14          |
| TSB-GJ-09-30 | F8F120180003  | SW8290        | 6/28/2008     | Octachlorodibenzofuran                 | < 0.62  | pg/g  | 0.62  | UJ        | 14          |
| TSB-GJ-09-30 | F8F120180003  | SW9071B       | 6/21/2008     | Oil & Grease (HEM)                     | < 286   | mg/kg | 286   | UJ        | 4           |
| TSB-GJ-09-40 | 210228008     | EPA 904.0 mod | 7/14/2008     | Radium-228                             | <0.905  | pCi/g | 1     | UJ        | 19          |
| TSB-GJ-09-40 | F8F120180004  | SW6010        | 6/17/2008     | Lithium                                | <157    | mg/kg | 157   | UJ        | 3,4         |
| TSB-GJ-09-40 | F8F120180004  | SW6010        | 6/17/2008     | Sulfur                                 | 2030    | mg/kg | 3930  | J+        | 2,4         |
| TSB-GJ-09-40 | F8F120180004  | SW6020        | 6/26/2008     | Antimony                               | < 1.6   | mg/kg | 1.6   | UJ        | 4           |
| TSB-GJ-09-40 | F8F120180004  | SW6020        | 6/26/2008     | Boron                                  | 28.3    | mg/kg | 31.5  | J         | 2           |
| TSB-GJ-09-40 | F8F120180004  | SW6020        | 6/26/2008     | Cadmium                                | 0.1     | mg/kg | 0.16  | J         | 2           |
| TSB-GJ-09-40 | F8F120180004  | SW6020        | 6/26/2008     | Copper                                 | 16.2    | mg/kg | 3.1   | J-        | 4           |
| TSB-GJ-09-40 | F8F120180004  | SW6020        | 6/26/2008     | Iron                                   | 15400   | mg/kg | 15.7  | J         | 15          |
| TSB-GJ-09-40 | F8F120180004  | SW6020        | 6/26/2008     | Molybdenum                             | 0.67    | mg/kg | 1.6   | J         | 2           |
| TSB-GJ-09-40 | F8F120180004  | SW6020        | 6/26/2008     | Nickel                                 | 16.3    | mg/kg | 1.6   | J-        | 4           |
| TSB-GJ-09-40 | F8F120180004  | SW6020        | 6/26/2008     | Niobium                                | < 7.9   | mg/kg | 7.9   | R         | 4           |
| TSB-GJ-09-40 | F8F120180004  | SW6020        | 6/26/2008     | Phosphorus (as P)                      | 572     | mg/kg | 157   | J+        | 4           |
| TSB-GJ-09-40 | F8F120180004  | SW6020        | 6/27/2008     | Silicon                                | 806     | mg/kg | 78.6  | J-        | 4           |
| TSB-GJ-09-40 | F8F120180004  | SW6020        | 6/26/2008     | Silver                                 | 0.19    | mg/kg | 0.63  | J         | 2           |
| TSB-GJ-09-40 | F8F120180004  | SW6020        | 6/26/2008     | Tungsten                               | < 1.6   | mg/kg | 1.6   | UJ        | 4           |
| TSB-GJ-09-40 | F8F120180004  | SW6020        | 6/26/2008     | Vanadium                               | 42.4    | mg/kg | 3.1   | J-        | 4           |
| TSB-GJ-09-40 | F8F120180004  | SW6020        | 6/26/2008     | Zinc                                   | 45      | mg/kg | 6.3   | J-        | 4           |
| TSB-GJ-09-40 | F8F120180004  | SW7471        | 6/17/2008     | Mercury                                | <52.4   | ug/kg | 52.4  | U         | 3           |
| TSB-GJ-09-40 | F8F120180004  | SW8260        | 6/16/2008     | Chloroform                             | 1.5     | ug/kg | 7.9   | J         | 2           |
| TSB-GJ-09-40 | F8F120180004  | SW8260        | 6/16/2008     | Ethanol                                | < 390   | ug/kg | 390   | UJ        | 12          |
| TSB-GJ-09-40 | F8F120180004  | SW8270        | 6/19/2008     | Benzo(a)pyrene                         | < 520   | ug/kg | 520   | X         | 14          |
| TSB-GJ-09-40 | F8F120180004  | SW8270        | 6/19/2008     | Benzo(b)fluoranthene                   | < 520   | ug/kg | 520   | X         | 14          |

**TABLE 3-1**  
**SUMMARY OF QUALIFIED DATA RESULTS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
**(Page 34 of 34)**

| Sample ID      | Lab Sample ID | Method        | Analysis Date | Analyte                   | Result | Unit  | QL   | Qualifier | Reason_Code |
|----------------|---------------|---------------|---------------|---------------------------|--------|-------|------|-----------|-------------|
| TSB-GJ-09-40   | F8F120180004  | SW8270        | 6/19/2008     | Benzo(g,h,i)perylene      | < 520  | ug/kg | 520  | X         | 14          |
| TSB-GJ-09-40   | F8F120180004  | SW8270        | 6/19/2008     | Benzo(k)fluoranthene      | < 520  | ug/kg | 520  | X         | 14          |
| TSB-GJ-09-40   | F8F120180004  | SW8270        | 6/19/2008     | Dibenzo(a,h)anthracene    | < 520  | ug/kg | 520  | X         | 14          |
| TSB-GJ-09-40   | F8F120180004  | SW8270        | 6/19/2008     | Di-n-octyl phthalate      | < 520  | ug/kg | 520  | UJ        | 14          |
| TSB-GJ-09-40   | F8F120180004  | SW8270        | 6/19/2008     | Hydroxymethyl phthalimide | < 520  | ug/kg | 520  | UJ        | 12          |
| TSB-GJ-09-40   | F8F120180004  | SW8270        | 6/19/2008     | Indeno(1,2,3-cd)pyrene    | < 520  | ug/kg | 520  | X         | 14          |
| TSB-GJ-09-40   | F8F120180004  | SW8270        | 6/19/2008     | Phthalic acid             | < 2500 | ug/kg | 2500 | UJ        | 12          |
| TSB-GJ-09-40   | F8F120180004  | SW9071B       | 6/21/2008     | Oil & Grease (HEM)        | < 314  | mg/kg | 314  | UJ        | 4           |
| TSB-GJ-09-FD-0 | 209755002     | EPA 903.1 mod | 6/23/2008     | Radium-226                | 0.920  | pCi/g | 1    | J         | 17          |
| TSB-GJ-09-FD-0 | 209755002     | EPA 904.0 mod | 6/20/2008     | Radium-228                | 0.850  | pCi/g | 1    | J         | 17          |

ID - identification

U - non-detect result due to blank contamination

J - estimated value.

UJ - non-detect estimated quantitation limit

R - rejected value.

X - removed value; replaced by a more accurate and precise value.

pg/g - picogram per gram

pg/l - picogram per liter

mg/kg - milligram per kilogram

ug/kg - microgram per kilogram

pCi/g - picoCurie per kilogram

mg/L - milligram per liter

ug/L - microgram per liter

QL - quantitation limit

+ Result is biased high

- Result is biased low

**TABLE 3-2**  
**SUMMARY OF REJECTED DATA RESULTS**  
**TRONOX PARCELS C, D, F, G AND H SUPPLEMENTAL INVESTIGATIONS**  
**JUNE-JULY 2008**  
**BMI INDUSTRIAL COMPLEX**  
**CLARK COUNTY, NEVADA**  
**(Page 1 of 1)**

| Sample ID      | Lab Sample ID | Method         | Analysis Date | Analyte       | Result  | Unit  | QL    | Qualifier | Reason_Code |
|----------------|---------------|----------------|---------------|---------------|---------|-------|-------|-----------|-------------|
| Rinsate 1      | IRF1163-01    | EPA 7196A      | 6/13/2008     | Chromium (VI) | < 0.025 | mg/l  | 0.025 | R         | 1           |
| Rinsate-2      | IRF1295-01    | EPA 7196A      | 6/17/2008     | Chromium (VI) | < 0.025 | mg/l  | 0.025 | R         | 1           |
| TSB-FJ-02-02-0 | IRF0782-02    | EPA 300.1 Mod. | 6/19/2008     | Chlorite      | < 210   | ug/kg | 210   | R         | 4           |
| TSB-FJ-06-02-0 | IRF0782-06    | EPA 300.1 Mod. | 6/19/2008     | Chlorite      | < 200   | ug/kg | 200   | R         | 4           |
| TSB-FR-02-02-0 | IRF0782-01    | EPA 300.1 Mod. | 6/18/2008     | Chlorite      | < 410   | ug/kg | 410   | R         | 4           |
| TSB-GJ-08-0    | IRF0782-05    | EPA 300.1 Mod. | 6/19/2008     | Chlorite      | < 210   | ug/kg | 210   | R         | 4           |
| TSB-GJ-08-10   | F8F120167001  | SW6020         | 6/26/2008     | Niobium       | < 6.7   | mg/kg | 6.7   | R         | 4           |
| TSB-GJ-08-20   | F8F120167002  | SW6020         | 6/26/2008     | Niobium       | < 6     | mg/kg | 6     | R         | 4           |
| TSB-GJ-08-30   | F8F120167003  | SW6020         | 6/26/2008     | Niobium       | < 9     | mg/kg | 9     | R         | 4           |
| TSB-GJ-08-40   | F8F120167004  | SW6020         | 6/26/2008     | Niobium       | < 8.1   | mg/kg | 8.1   | R         | 4           |
| TSB-GJ-09-0    | IRF0782-03    | EPA 300.1 Mod. | 6/19/2008     | Chlorite      | < 210   | ug/kg | 210   | R         | 4           |
| TSB-GJ-09-0-FD | IRF0782-04    | EPA 300.1 Mod. | 6/19/2008     | Chlorite      | < 210   | ug/kg | 210   | R         | 4           |
| TSB-GJ-09-10   | F8F120180001  | SW6020         | 6/26/2008     | Niobium       | < 5.3   | mg/kg | 5.3   | R         | 4           |
| TSB-GJ-09-20   | F8F120180002  | SW6020         | 6/26/2008     | Niobium       | < 15.7  | mg/kg | 15.7  | R         | 4           |
| TSB-GJ-09-30   | F8F120180003  | SW6020         | 6/26/2008     | Niobium       | < 7.2   | mg/kg | 7.2   | R         | 4           |
| TSB-GJ-09-40   | F8F120180004  | SW6020         | 6/26/2008     | Niobium       | < 7.9   | mg/kg | 7.9   | R         | 4           |

ID - identification

R - rejected value.

mg/kg - milligram per kilogram

mg/L - milligram per liter

ug/kg - microgram per kilogram

QL - quantitation limit

APPENDIX A

NDEP COMMENTS ON DATA VALIDATION SUMMARY REPORT  
REVISION 0 AND BRC'S RESPONSE TO COMMENTS

**Response to NDEP Comments Dated June 19, 2007 on the  
Data Validation Summary Report – 2007 Parcel 4A/4B Investigation  
(Dataset 43), Revision 0**

1. Mercury Censoring, Table 2-4 and Section 2.1.3.3: Table 2-4 contains two records where the mercury concentration was qualified due to laboratory blank contamination resulting in censoring of the detected values. The records are for samples TSB-CJ-09-10 (F8F130140008, also identified as KPWW1 in the laboratory reports) and TSB-GJ-08-10 (F8F120167001, also identified at KPRW1 in the laboratory report). Sample TSB-CJ-09-10 was analyzed with a mercury concentration of 21.2 µg/kg (instrument concentration 0.116) and sample TSB-GJ-08-10 with a mercury concentration of 19.1 µg/kg (instrument concentration 0.107); both values are less than the QL but above the MDL. Table 2-4 also indicates the blank concentration associated with the samples was 0.1 µg/L. Review of the method blanks associated with this batch shows they had instrument concentrations at 0.005, 0.08, 0.017, and 0.009. However, the two CCBs that bracket sample TSB-CJ-09-10 were less than one-fifth the value of the sample, 0.017 versus 0.116. Even when instrument concentrations (before adjustment due to sample matrix and amount extracted) are compared, this sample contains mercury at a concentration greater than five times the blanks. It is unclear why these records were qualified based on the method blank contamination. These results should be re-evaluated and revised as appropriate.

***Response:*** *The metals data in question were reviewed and confirmed to have been flagged appropriately. Inorganics data are not subject to the 5 times (5x) rule, according to SOP-40 and to the most current version of the National Functional Guidelines document.*

2. Radium-226 Qualification due to Blank Contamination: in SDG 210228 several records for Ra-226 were qualified with reason code 3, due to laboratory blank contamination. However, review of the laboratory results indicates the contamination was in the rinsate (field blank) indicating the reason code should be 13. The final qualifiers appear to be correct but the reason codes used should be investigated and the database revised accordingly.

***Response:*** *The reason code 3 has been changed to reflect the correct reason code 13 in the database and in Tables 2-4 and 2-5 in the revised report.*

3. Table 1-4: this table should include Reason Code 0 (zero).

***Response:*** *An older version of Table 1-4 was inadvertently included in the report. The latest version of this table has been included in the revised report.*



**APPENDIX B**

**LABORATORY REPORTS, DATA VALIDATION REPORTS, AND  
ELECTRONIC DATABASE (on DVD)**