

DATA VALIDATION SUMMARY REPORT

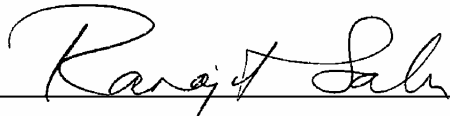
TRONOX PARCEL H INVESTIGATION JANUARY 2008 BMI INDUSTRIAL COMPLEX CLARK COUNTY, NEVADA

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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.



April 28, 2008

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ABBREVIATION AND ACRONYM LIST

BEC	Basic Environmental Company
CCB	continuing calibration blank
CD	compact disk
DQI	data quality indicator
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
MS/MSD	matrix spike/matrix spike duplicate
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
VOC	volatile organic compound
USEPA	U.S. Environmental Protection Agency

1.0 INTRODUCTION

On behalf of Basic Environmental Company (BEC), Environmental Resources Management (ERM) has prepared this Data Validation Summary Report that summarizes qualified analytical data generated during the Tronox Parcel H Investigation sampling event conducted in January and March 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 Parcel H Investigation sampling event. This Data Validation Summary Report follows a format similar to that prepared by ERM for previous Data Validation Summary reports.

Sixty six (66) soil samples, two (2) equipment blanks, and ten (10) trip blanks, were collected during the course of the Tronox Parcel H Investigation sampling event (Table 1-1). The samples were analyzed for general chemistry parameters, anions, metals, perchlorate, radionuclides, volatile organic compounds, (VOCs), semivolatile organic compounds (SVOCs), 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 Richland (Washington) to perform the radionuclide analyses. General Engineering Laboratories (GEL), located in Charleston, South Carolina, performed additional radionuclide analyses. Chlorite, dichlorobenzil and hexavalent chromium analyses were requested on the chain of custody form; however, these analyses were canceled due to the high radioactive screening levels recorded upon receipt at TestAmerica St. Louis. 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 A 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 A. A description of each of the database fields is also provided in Appendix A.

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 (USEPA 2005a).
- 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 A. Soil samples from sample delivery groups (SDGs) TestAmerica Richland (F8A260145), GEL

Laboratories, LLC (204220) and TestAmerica St. Louis (F8A260143 and F8A250221) 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 Parcel H Investigation. 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). No results required rejection 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 Parcel H Investigation, 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. Two 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 Parcel H Investigation. 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) or estimated (J+) due to laboratory blank contamination (including calibration and method blanks). Table 2-5 presents data that were qualified as undetected (U) or estimated (J+) 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 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). 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.

Six (6) soil field duplicates were collected during the sampling activities (TSB-HJ-03-0-FD, TSB-HJ-07-0-FD, TSB-HJ-09-FD, TSB-HJ-11-10-FD, TSB-HR-06-0-FD, and TSB-HR-07-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 ± 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. One (1) gasoline range organic results required rejection 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%). No sample results qualified due to column differences.

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. One sample result required rejection in this Data Validation Summary Report 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) or estimated (J+) 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) or estimated (J+) 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 99.99 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 A.

3.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the evaluation of the dataset, 99.99 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 A 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 A.

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

- Basic Remediation Company (BRC), ERM, and MWH. 2007. BRC Field Sampling and Standard Operating Procedures, BMI Common Areas, Clark County, Nevada. August.
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TABLES

TABLE 1-1
SAMPLE ANALYSIS SUMMARY
TRONOX PARCEL H INVESTIGATION
JANUARY 2008
BMI INDUSTRIAL COMPLEX
CLARK COUNTY, NEVADA
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LAB	LAB SAMP ID	LAB ID	SAMPLE ID	MATRIX	SAMPLE DATE	SAMPLE TIME	Anions	Perchlorate	Metals	Organochlorine Pesticides	PCBS	Radionuclides	SVOCs	VOCs	Dioxins/Furans	TPH Gasoline	TPH Extractables	Oil and Grease	Percent Moisture	Asbestos
TA-St. Louis	F8A250205-006	F8A250205	TSB-HJ-04-10	S	01/24/08	11:55						X								
TA-St. Louis	F8A250205-007	F8A250205	TSB-HR-07-0	S	01/24/08	12:30						X								
TA-St. Louis	F8A250205-008	F8A250205	TSB-HR-07-10	S	01/24/08	12:45						X								
TA-St. Louis	F8A250205-009	F8A250205	TSB-HJ-06-0	S	01/24/08	13:00						X								
TA-St. Louis	F8A250205-010	F8A250205	TSB-HJ-06-10	S	01/24/08	13:10						X								
TA-St. Louis	F8A250205-011	F8A250205	TSB-HJ-07-0	S	01/24/08	8:05						X								
TA-St. Louis	F8A250205-012	F8A250205	TSB-HJ-07-0 FD	S	01/24/08	8:05						X								
TA-St. Louis	F8A250205-013	F8A250205	TSB-HJ-07-10	S	01/24/08	8:40						X								
TA-St. Louis	F8A250205-014	F8A250205	TSB-HR-08-0 MS/MSD	SQ	01/24/08	9:00						X								
TA-St. Louis	F8A250205-014	F8A250205	TSB-HR-08-0	S	01/24/08	9:00						X								
TA-St. Louis	F8A250205-015	F8A250205	TSB-HR-08-10	S	01/24/08	9:30						X								
TA-St. Louis	F8A250221-001	F8A250221	TSB-HJ-05-10	S	01/24/08	10:15	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A250221-002	F8A250221	TSB-HJ-05-0	S	01/24/08	9:55	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A250221-003	F8A250221	TSB-HR-04-10	S	01/24/08	11:00	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A250221-004	F8A250221	TSB-HJ-04-0	S	01/24/08	11:30	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A250221-005	F8A250221	TSB-HR-04-0	S	01/24/08	10:45	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A250221-006	F8A250221	TSB-HJ-04-10	S	01/24/08	11:55	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A250221-007	F8A250221	TSB-HR-07-0	S	01/24/08	12:30	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A250221-008	F8A250221	TSB-HR-07-10	S	01/24/08	12:45	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A250221-009	F8A250221	TSB-HJ-06-0	S	01/24/08	13:00	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A250221-010	F8A250221	TSB-HJ-06-10	S	01/24/08	13:10	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A250221-011	F8A250221	TSB-HJ-07-0	S	01/24/08	8:05	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A250221-012	F8A250221	TSB-HJ-07-0 FD	S	01/24/08	8:05	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A250221-013	F8A250221	TSB-HJ-07-10	S	01/24/08	8:40	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A250221-014	F8A250221	TSB-HR-08-0 MS/MSD	SQ	01/24/08	9:00	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A250221-014	F8A250221	TSB-HR-08-0	S	01/24/08	9:00	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A250221-015	F8A250221	TSB-HR-08-10	S	01/24/08	9:30	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A250221-016	F8A250221	TSB-TB-3	WQ	01/24/08	--								X						
TA-St. Louis	F8A250221-017	F8A250221	TSB-TB-2	WQ	01/24/08	14:00								X						

TABLE 1-1
SAMPLE ANALYSIS SUMMARY
TRONOX PARCEL H INVESTIGATION
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LAB	LAB SAMP ID	LAB ID	SAMPLE ID	MATRIX	SAMPLE DATE	SAMPLE TIME	Anions	Perchlorate	Metals	Organochlorine Pesticides	PCBS	Radionuclides	SVOCs	VOCs	Dioxins/Furans	TPH Gasoline	TPH Extractables	Oil and Grease	Percent Moisture	Asbestos
TA-St. Louis	F8A250221-018	F8A250221	TSB-TB-1	WQ	01/24/08	13:00								X						
TA-St. Louis	F8A260143-001	F8A260143	TSB-HJ-01-10	S	01/25/08	12:10	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A260143-002	F8A260143	TSB-HJ-09-0	S	01/25/08	12:50	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A260143-003	F8A260143	TSB-HJ-09-10	S	01/25/08	13:00	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A260143-004	F8A260143	TSB-HJ-03-0	S	01/25/08	7:25	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A260143-005	F8A260143	TSB-HJ-03-0 FD	S	01/25/08	7:25	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A260143-006	F8A260143	TSB-HJ-03-10	S	01/25/08	7:45	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A260143-007	F8A260143	TSB-HR-03-0	S	01/25/08	8:05	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A260143-008	F8A260143	TSB-HR-03-10	S	01/25/08	8:20	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A260143-009	F8A260143	TSB-HJ-02-0	S	01/25/08	8:40	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A260143-010	F8A260143	TSB-HJ-02-10	S	01/25/08	8:55	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A260143-011	F8A260143	TSB-HR-02-0	S	01/25/08	9:45	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A260143-012	F8A260143	TSB-HR-02-10	S	01/25/08	10:00	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A260143-013	F8A260143	TSB-HJ-11-0	S	01/25/08	10:30	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A260143-014	F8A260143	TSB-HJ-11-10	S	01/25/08	10:40	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A260143-015	F8A260143	TSB-HJ-11-10 FD	S	01/25/08	10:40	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A260143-016	F8A260143	TSB-HR-01-0	S	01/25/08	11:30	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A260143-017	F8A260143	TSB-HR-01-10	S	01/25/08	11:37	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A260143-018	F8A260143	TSB-HJ-01-0	S	01/25/08	11:50	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A260143-018	F8A260143	TSB-HJ-01-0 MS/MSD	SQ	01/25/08	11:50	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A260143-019	F8A260143	TSB-TB-1-1/25-08	WQ	01/25/08	--								X						
TA-St. Louis	F8A260143-020	F8A260143	TSB-TB-2-1/25-08	WQ	01/25/08	14:15								X						
TA-St. Louis	F8A260143-021	F8A260143	TSB-TB-03-1/25-08	WQ	01/25/08	14:15								X						
TA-St. Louis	F8A260143-022	F8A260143	TSB-TB-04-1/25-08	WQ	01/25/08	14:15								X						
TA-St. Louis	F8A260143-023	F8A260143	RINSATE-1	WQ	01/25/08	15:00	X	X	X	X	X		X	X	X	X	X	X	X	X
TA-St. Louis	F8A260143-024	F8A260143	TRIP BLANK-TB-05	WQ	01/25/08	15:00								X						
TA-St. Louis	F8A260145-001	F8A260145	TSB-HJ-01-10	S	01/25/08	12:10							X							
TA-St. Louis	F8A260145-002	F8A260145	TSB-HJ-09-0	S	01/25/08	12:50							X							
TA-St. Louis	F8A260145-003	F8A260145	TSB-HJ-09-10	S	01/25/08	13:00							X							

TABLE 1-1
SAMPLE ANALYSIS SUMMARY
TRONOX PARCEL H INVESTIGATION
JANUARY 2008
BMI INDUSTRIAL COMPLEX
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LAB	LAB SAMP ID	LAB ID	SAMPLE ID	MATRIX	SAMPLE DATE	SAMPLE TIME	Anions	Perchlorate	Metals	Organochlorine Pesticides	PCBS	Radionuclides	SVOCs	VOCs	Dioxins/Furans	TPH Gasoline	TPH Extractables	Oil and Grease	Percent Moisture	Asbestos
TA-St. Louis	F8A290158-013	F8A290158	TSB-TB-03-1/28/08	WQ	01/28/08	11:15								X						
TA-St. Louis	F8A290183-001	F8A290183	TSB-HJ-10-0	S	01/28/08	7:00						X								
TA-St. Louis	F8A290183-002	F8A290183	TSB-HJ-10-10	S	01/28/08	7:15						X								
TA-St. Louis	F8A290183-003	F8A290183	TSB-HR-06-0	S	01/28/08	7:55						X								
TA-St. Louis	F8A290183-004	F8A290183	TSB-HR-06-0 FD	S	01/28/08	7:55						X								
TA-St. Louis	F8A290183-005	F8A290183	TSB-HR-06-10	S	01/28/08	8:11						X								
TA-St. Louis	F8A290183-006	F8A290183	TSB-HJ-08-0	S	01/28/08	8:30						X								
TA-St. Louis	F8A290183-007	F8A290183	TSB-HJ-08-10	S	01/28/08	8:40						X								
TA-St. Louis	F8A290183-008	F8A290183	TSB-HR-05-0	S	01/28/08	9:00						X								
TA-St. Louis	F8A290183-009	F8A290183	TSB-HR-05-10	S	01/28/08	9:15						X								
TA-St. Louis	F8A290183-010	F8A290183	RINSATE-2	WQ	01/28/08	11:15						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
 A- Soil Vapor
 S- Soil
 SQ- Soil Quality Control Sample
 WQ- Water Quality Control Sample

TABLE 1-2
SAMPLE ANALYSIS METHODS
TRONOX PARCEL H INVESTIGATION
JANUARY 2008
BMI INDUSTRIAL COMPLEX
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Class	Method
General Chemistry	MCAWW 160.3 MOD
Anions	EPA 300.0 EPA 314.0
Metals	SW6010/6020 SW7470/7471
Radiochemicals	HASL 300, RICH-RC-5016, RICH-RC-5087 HASL 300, RICH-RC-5016, RICH-RC-5067 EPA 903.1/904.0, RICH-RC-5005 HASL 300, RICH-RC-5013, RICH-RC-5032, RICH RC-5087 HASL 300, RICH-RC-5013, RICH-RC-5067 EPA 903.1/904.0, RICH-RC-5013, RICH-RC-5032, RICH-RC-5005
Asbestos	Elutriator Method 540
SVOCs (Including 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 PARCEL H INVESTIGATION
JANUARY 2008
BMI INDUSTRIAL COMPLEX
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Level 3 Validation
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
Level 4 Additional Validation
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 PARCEL H
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Laboratory Qualifier	Definition
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.

Functional Guidelines Validation Qualifier	Definition
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 PARCEL H
JANUARY 2008
BMI INDUSTRIAL COMPLEX
CLARK COUNTY, NEVADA
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Project- Specific Validation Qualifier	Definition
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.

Validation Reason Code	Definition
1	The sample preparation and/or analytical holding time was exceeded.
2 [#]	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 ^{##}	The MS/MSD RPD was outside of control limits.
7 ^{##}	The LCS RPD was outside of control limits.
8	The surrogate recovery was outside of control limits.
9 ^{##}	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 PARCEL H
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BMI INDUSTRIAL COMPLEX
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Validation Reason Code	Definition
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 PARCEL H INVESTIGATION
JANUARY 2008
BMI INDUSTRIAL COMPLEX
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Method Class	Compound	Soil Samples		Aqueous Samples	
		Method	Holding Time	Method	Holding Time
General Chemistry	Percent Moisture	MCAWW 160.3 MOD	24 hours	NA	NA
Anions	Bromide	EPA 300.0	28 days	EPA 300.0	28 days
	Bromine		28 days		28 days
	Chlorate		28 days		28 days
	Chloride		28 days		28 days
	Chlorine		28 days		28 days
	Fluoride		28 days		28 days
	Sulfate		28 days		28 days
	Nitrate		48 hours		48 hours
	Nitrite		48 hours		48 hours
	Orthophosphate		48 hours		48 hours
	Perchlorate	EPA 314.0	28 days	EPA 314.0	28 days
Metals	See analyte list	SW6010/6020	180 days	SW6010/6020	180 days
	Mercury	SW7471	28 days	SW7470	28 days
Radiochemicals	See analyte list	HASL 300, RICH-RC-5013, 5032, 5087	180 days	HASL 300, RICH-RC-5016, 5087	180 days
		HASL 300, RICH-RC-5013, 5067		HASL 300, RICH-RC-5016, 5067	
		Gammascpec, Gamma, EML HASL 300, 4.5.2.3 GFPC, Gross A/B, EPA 900.0 Modified		EPA-903.1/904.0, RICH-RC-5005	
		EPA-903.1/904.0, RICH-RC-5017			
Asbestos	Asbestos	Elutriator Method 540	NA	NA	NA
Organochlorine Pesticides	See analyte list	SW8081	14 days to extraction, 40 days to analysis	SW8081	7 days to extraction, 40 days to analysis
Volatile Organic Compounds	See analyte list	SW8260B	14 days	SW8260B	14 days

**TABLE 2-1
HOLDING TIME REQUIREMENTS
TRONOX PARCEL H INVESTIGATION
JANUARY 2008
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Method Class	Compound	Soil Samples		Aqueous Samples	
		Method	Holding Time	Method	Holding Time
Semivolatile Organic Compounds (including Polynuclear Aromatic Hydrocarbons)	See analyte list	SW8270C	14 days to extraction, 40 days to analysis	SW8270C	7 days to extraction, 40 days to analysis
Dioxin/Furans	See analyte list	SW846 8290	30 days to extraction, 45 days to analysis	SW846 8290	30 days to extraction, 45 days to analysis
Gasoline Range Organics	See analyte list	SW846 8015 MOD	14 days to extraction, 40 days to analysis	SW846 8015 MOD	7 days to extraction, 40 days to analysis
TPH as Extractables	See analyte list	SW846 8015 MOD	14 days to extraction, 40 days to analysis	SW846 8015 MOD	7 days to extraction, 40 days to analysis
Oil & Grease HEM	See analyte list	SW9071B	28 days	CFR136A 1664A HEM	28 days

TABLE 2-2
SUMMARY OF DATA QUALIFIED DUE TO HOLDING TIME EXCEEDANCES
TRONOX PARCEL H INVESTIGATION
JANUARY 2008
BMI INDUSTRIAL COMPLEX
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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
TSB-HJ-09-0	F8A260143002	SW8081	1/25/2008	2/13/2008	2/14/2008	2,4-DDD	< 1.9	ug/kg	19 Days	14	1.9	UJ	X
TSB-HJ-09-0	F8A260143002	SW8081	1/25/2008	2/13/2008	2/14/2008	2,4-DDE	12	ug/kg	19 Days	14	1.9	J-	X
TSB-HJ-09-0	F8A260143002	SW8081	1/25/2008	2/13/2008	2/14/2008	4,4-DDD	3.5	ug/kg	19 Days	14	1.9	J-	J-
TSB-HJ-09-0	F8A260143002	SW8081	1/25/2008	2/13/2008	2/14/2008	4,4-DDE	51	ug/kg	19 Days	14	1.9	J-	X
TSB-HJ-09-0	F8A260143002	SW8081	1/25/2008	2/13/2008	2/15/2008	4,4-DDE	57	ug/kg	19 Days	14	1.9	J-	X
TSB-HJ-09-0	F8A260143002	SW8081	1/25/2008	2/13/2008	2/14/2008	4,4-DDT	84	ug/kg	19 Days	14	1.9	J-	X
TSB-HJ-09-0	F8A260143002	SW8081	1/25/2008	2/13/2008	2/15/2008	4,4-DDT	97	ug/kg	19 Days	14	1.9	J-	X
TSB-HJ-09-0	F8A260143002	SW8081	1/25/2008	2/13/2008	2/14/2008	Aldrin	< 1.9	ug/kg	19 Days	14	1.9	UJ	X
TSB-HJ-09-0	F8A260143002	SW8081	1/25/2008	2/13/2008	2/14/2008	alpha-BHC	< 1.9	ug/kg	19 Days	14	1.9	UJ	X
TSB-HJ-09-0	F8A260143002	SW8081	1/25/2008	2/13/2008	2/14/2008	alpha-Chlordane	< 1.9	ug/kg	19 Days	14	1.9	UJ	X
TSB-HJ-09-0	F8A260143002	SW8081	1/25/2008	2/13/2008	2/14/2008	beta-BHC	37	ug/kg	19 Days	14	1.9	J-	X
TSB-HJ-09-0	F8A260143002	SW8081	1/25/2008	2/13/2008	2/14/2008	Chlordane	< 1.9	ug/kg	19 Days	14	1.9	UJ	X
TSB-HJ-09-0	F8A260143002	SW8081	1/25/2008	2/13/2008	2/14/2008	delta-BHC	< 1.9	ug/kg	19 Days	14	1.9	UJ	X
TSB-HJ-09-0	F8A260143002	SW8081	1/25/2008	2/13/2008	2/14/2008	Dieldrin	< 1.9	ug/kg	19 Days	14	1.9	UJ	X
TSB-HJ-09-0	F8A260143002	SW8081	1/25/2008	2/13/2008	2/14/2008	Endosulfan I	< 1.9	ug/kg	19 Days	14	1.9	UJ	X
TSB-HJ-09-0	F8A260143002	SW8081	1/25/2008	2/13/2008	2/14/2008	Endosulfan II	< 1.9	ug/kg	19 Days	14	1.9	UJ	X
TSB-HJ-09-0	F8A260143002	SW8081	1/25/2008	2/13/2008	2/14/2008	Endosulfan sulfate	< 1.9	ug/kg	19 Days	14	1.9	UJ	X
TSB-HJ-09-0	F8A260143002	SW8081	1/25/2008	2/13/2008	2/14/2008	Endrin	< 1.9	ug/kg	19 Days	14	1.9	UJ	X
TSB-HJ-09-0	F8A260143002	SW8081	1/25/2008	2/13/2008	2/14/2008	Endrin aldehyde	< 1.9	ug/kg	19 Days	14	1.9	UJ	X
TSB-HJ-09-0	F8A260143002	SW8081	1/25/2008	2/13/2008	2/14/2008	Endrin ketone	< 1.9	ug/kg	19 Days	14	1.9	UJ	X
TSB-HJ-09-0	F8A260143002	SW8081	1/25/2008	2/13/2008	2/14/2008	gamma-Chlordane	< 1.9	ug/kg	19 Days	14	1.9	UJ	X
TSB-HJ-09-0	F8A260143002	SW8081	1/25/2008	2/13/2008	2/14/2008	Heptachlor	< 1.9	ug/kg	19 Days	14	1.9	UJ	X
TSB-HJ-09-0	F8A260143002	SW8081	1/25/2008	2/13/2008	2/14/2008	Heptachlor epoxide	< 1.9	ug/kg	19 Days	14	1.9	UJ	X
TSB-HJ-09-0	F8A260143002	SW8081	1/25/2008	2/13/2008	2/14/2008	Lindane	< 1.9	ug/kg	19 Days	14	1.9	UJ	X
TSB-HJ-09-0	F8A260143002	SW8081	1/25/2008	2/13/2008	2/14/2008	Methoxychlor	< 3.7	ug/kg	19 Days	14	3.7	UJ	X
TSB-HJ-09-0	F8A260143002	SW8081	1/25/2008	2/13/2008	2/14/2008	Toxaphene	< 74	ug/kg	19 Days	14	74	UJ	X
TSB-HR-03-0	F8A260143007	SW8081	1/25/2008	2/13/2008	2/15/2008	2,4-DDD	< 1.8	ug/kg	19 Days	14	1.8	UJ	X
TSB-HR-03-0	F8A260143007	SW8081	1/25/2008	2/13/2008	2/15/2008	2,4-DDE	< 1.8	ug/kg	19 Days	14	1.8	UJ	X
TSB-HR-03-0	F8A260143007	SW8081	1/25/2008	2/13/2008	2/15/2008	4,4-DDD	< 1.8	ug/kg	19 Days	14	1.8	UJ	X
TSB-HR-03-0	F8A260143007	SW8081	1/25/2008	2/13/2008	2/15/2008	4,4-DDE	< 1.8	ug/kg	19 Days	14	1.8	UJ	X
TSB-HR-03-0	F8A260143007	SW8081	1/25/2008	2/13/2008	2/15/2008	4,4-DDT	< 1.8	ug/kg	19 Days	14	1.8	UJ	X
TSB-HR-03-0	F8A260143007	SW8081	1/25/2008	2/13/2008	2/15/2008	Aldrin	< 1.8	ug/kg	19 Days	14	1.8	UJ	X
TSB-HR-03-0	F8A260143007	SW8081	1/25/2008	2/13/2008	2/15/2008	alpha-BHC	< 1.8	ug/kg	19 Days	14	1.8	UJ	X
TSB-HR-03-0	F8A260143007	SW8081	1/25/2008	2/13/2008	2/15/2008	alpha-Chlordane	< 1.8	ug/kg	19 Days	14	1.8	UJ	X
TSB-HR-03-0	F8A260143007	SW8081	1/25/2008	2/13/2008	2/15/2008	beta-BHC	< 1.8	ug/kg	19 Days	14	1.8	UJ	X
TSB-HR-03-0	F8A260143007	SW8081	1/25/2008	2/13/2008	2/15/2008	Chlordane	< 1.8	ug/kg	19 Days	14	1.8	UJ	X
TSB-HR-03-0	F8A260143007	SW8081	1/25/2008	2/13/2008	2/15/2008	delta-BHC	< 1.8	ug/kg	19 Days	14	1.8	UJ	X
TSB-HR-03-0	F8A260143007	SW8081	1/25/2008	2/13/2008	2/15/2008	Dieldrin	< 1.8	ug/kg	19 Days	14	1.8	UJ	X
TSB-HR-03-0	F8A260143007	SW8081	1/25/2008	2/13/2008	2/15/2008	Endosulfan I	< 1.8	ug/kg	19 Days	14	1.8	UJ	X

TABLE 2-2
SUMMARY OF DATA QUALIFIED DUE TO HOLDING TIME EXCEEDANCES
TRONOX PARCEL H INVESTIGATION
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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
TSB-HR-03-0	F8A260143007	SW8081	1/25/2008	2/13/2008	2/15/2008	Endosulfan II	< 1.8	ug/kg	19 Days	14	1.8	UJ	X
TSB-HR-03-0	F8A260143007	SW8081	1/25/2008	2/13/2008	2/15/2008	Endosulfan sulfate	< 1.8	ug/kg	19 Days	14	1.8	UJ	X
TSB-HR-03-0	F8A260143007	SW8081	1/25/2008	2/13/2008	2/15/2008	Endrin	< 1.8	ug/kg	19 Days	14	1.8	UJ	X
TSB-HR-03-0	F8A260143007	SW8081	1/25/2008	2/13/2008	2/15/2008	Endrin aldehyde	< 1.8	ug/kg	19 Days	14	1.8	UJ	X
TSB-HR-03-0	F8A260143007	SW8081	1/25/2008	2/13/2008	2/15/2008	Endrin ketone	< 1.8	ug/kg	19 Days	14	1.8	UJ	X
TSB-HR-03-0	F8A260143007	SW8081	1/25/2008	2/13/2008	2/15/2008	gamma-Chlordane	< 1.8	ug/kg	19 Days	14	1.8	UJ	X
TSB-HR-03-0	F8A260143007	SW8081	1/25/2008	2/13/2008	2/15/2008	Heptachlor	< 1.8	ug/kg	19 Days	14	1.8	UJ	X
TSB-HR-03-0	F8A260143007	SW8081	1/25/2008	2/13/2008	2/15/2008	Heptachlor epoxide	< 1.8	ug/kg	19 Days	14	1.8	UJ	X
TSB-HR-03-0	F8A260143007	SW8081	1/25/2008	2/13/2008	2/15/2008	Lindane	< 1.8	ug/kg	19 Days	14	1.8	UJ	X
TSB-HR-03-0	F8A260143007	SW8081	1/25/2008	2/13/2008	2/15/2008	Methoxychlor	< 3.5	ug/kg	19 Days	14	3.5	UJ	X
TSB-HR-03-0	F8A260143007	SW8081	1/25/2008	2/13/2008	2/15/2008	Toxaphene	< 71	ug/kg	19 Days	14	71	UJ	X

ID - identification

J - estimated value

UJ - non-detect estimated quantitation limit

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

ug/kg- micrograms per kilogram

QL - quantitation limit

- Result is biased low

TABLE 2-3
SUMMARY OF DATA QUALIFIED DUE TO DETECTION BELOW QUANTITATION LIMIT
TRONOX PARCEL H INVESTIGATION
JANUARY 2008
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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Check Qualifier	Final Qualifier
RINSATE-1	F8A260143023	E300	1/27/2008	Sulfate	0.067	mg/l	0.5	J	J
RINSATE-1	F8A260143023	SW6020	2/5/2008	Aluminum	10.5	ug/l	30	J	J
RINSATE-1	F8A260143023	SW6020	2/5/2008	Boron	17.8	ug/l	50	J	J+
RINSATE-1	F8A260143023	SW6020	2/5/2008	Calcium	95	ug/l	100	J	J
RINSATE-1	F8A260143023	SW6020	2/5/2008	Copper	0.26	ug/l	1	J	J
RINSATE-1	F8A260143023	SW6020	2/5/2008	Magnesium	12.5	ug/l	50	J	J
RINSATE-1	F8A260143023	SW6020	2/5/2008	Manganese	0.67	ug/l	2	J	J
RINSATE-1	F8A260143023	SW6020	2/5/2008	Phosphorus (as P)	19	ug/l	20	J	J
RINSATE-1	F8A260143023	SW6020	2/5/2008	Potassium	13.5	ug/l	100	J	J
RINSATE-1	F8A260143023	SW6020	2/5/2008	Silicon	43.6	ug/l	250	J	J
RINSATE-1	F8A260143023	SW6020	2/5/2008	Strontium	0.86	ug/l	5	J	J
RINSATE-1	F8A260143023	SW6020	2/5/2008	Thallium	0.73	ug/l	2	J	J
RINSATE-1	F8A260143023	SW6020	2/5/2008	Zinc	3.2	ug/l	10	J	J
RINSATE-2	F8A290158012	E300	1/29/2008	Sulfate	0.1	mg/l	0.5	J	J
RINSATE-2	F8A290158012	SW6020	2/5/2008	Calcium	72.3	ug/l	100	J	J
RINSATE-2	F8A290158012	SW6020	2/5/2008	Iron	32.9	ug/l	50	J	J
RINSATE-2	F8A290158012	SW6020	2/5/2008	Magnesium	9.2	ug/l	50	J	J
RINSATE-2	F8A290158012	SW6020	2/5/2008	Strontium	0.67	ug/l	5	J	J
TSB-HJ-01-0	F8A260143018	SW6020	2/6/2008	Antimony	0.2	mg/kg	1.3	J	J-
TSB-HJ-01-0	F8A260143018	SW6020	2/6/2008	Arsenic	2.4	mg/kg	2.6	J	J
TSB-HJ-01-0	F8A260143018	SW6020	2/6/2008	Palladium	0.23	mg/kg	0.52	J	J+
TSB-HJ-01-0	F8A260143018	SW6020	2/6/2008	Silver	0.12	mg/kg	0.52	J	J+
TSB-HJ-01-0	F8A260143018	SW6020	2/6/2008	Zirconium	24.1	mg/kg	26.2	J	J
TSB-HJ-01-0	F8A260143018	SW7471	1/30/2008	Mercury	16.4	ug/kg	34.9	J	J
TSB-HJ-01-0_01/25/2008	KF6FM1AJ	EPA 904.0	3/13/2008	RADIUM-228	1.89E+00	pci/g	2	J	J
TSB-HJ-01-10	F8A260143001	E300	2/1/2008	Fluoride	0.92	mg/kg	1.1	J	J
TSB-HJ-01-10	F8A260143001	SW6020	2/5/2008	Antimony	0.17	mg/kg	1.3	J	J-
TSB-HJ-01-10	F8A260143001	SW6020	2/6/2008	Palladium	0.6	mg/kg	1.1	J	J+
TSB-HJ-01-10	F8A260143001	SW6020	2/5/2008	Silver	0.098	mg/kg	0.53	J	J+
TSB-HJ-01-10	F8A260143001	SW6020	2/5/2008	Zirconium	21.8	mg/kg	26.7	J	J
TSB-HJ-01-10	F8A260143001	SW8270	2/7/2008	Benzyl butyl phthalate	110	ug/kg	350	J	J
TSB-HJ-01-10	F8A260143001	SW8270	2/7/2008	bis(2-Ethylhexyl) phthalate	69	ug/kg	350	J	J

TABLE 2-3
SUMMARY OF DATA QUALIFIED DUE TO DETECTION BELOW QUANTITATION LIMIT
TRONOX PARCEL H INVESTIGATION
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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Check Qualifier	Final Qualifier
TSB-HJ-01-10_01/25/2008	KF6EM1AF	EPA 904.0	3/5/2008	RADIUM-228	1.42E+00	pci/g	2	J	J
TSB-HJ-01-10_01/25/2008	KF6EM1AA	HASL-300 U Mod	2/22/2008	URANIUM-235/236	8.50E-02	pci/g	1	J	J
TSB-HJ-02-0	F8A260143009	SW6020	2/5/2008	Antimony	0.18	mg/kg	1.3	J	J-
TSB-HJ-02-0	F8A260143009	SW6020	2/5/2008	Arsenic	2.4	mg/kg	2.6	J	J
TSB-HJ-02-0	F8A260143009	SW6020	2/6/2008	Palladium	0.39	mg/kg	1.1	J	J+
TSB-HJ-02-0	F8A260143009	SW6020	2/5/2008	Silver	0.1	mg/kg	0.53	J	J+
TSB-HJ-02-0	F8A260143009	SW6020	2/5/2008	Zirconium	22.4	mg/kg	26.2	J	J
TSB-HJ-02-0	F8A260143009	SW7471	1/30/2008	Mercury	11.9	ug/kg	35	J	J
TSB-HJ-02-0_01/25/2008	KF6E11AE	EPA 903.1	3/3/2008	RADIUM-226	8.30E-01	pci/g	1	J	J
TSB-HJ-02-0_01/25/2008	KF6E11AF	EPA 904.0	3/5/2008	RADIUM-228	1.54E+00	pci/g	2	J	J
TSB-HJ-02-0_01/25/2008	KF6E11AA	HASL-300 U Mod	2/22/2008	URANIUM-233/234	9.81E-01	pci/g	1	J	J
TSB-HJ-02-0_01/25/2008	KF6E11AA	HASL-300 U Mod	2/22/2008	URANIUM-235/236	3.77E-02	pci/g	1	J	J
TSB-HJ-02-10	F8A260143010	E300	2/1/2008	Fluoride	0.95	mg/kg	1.1	J	J
TSB-HJ-02-10	F8A260143010	SW6020	2/6/2008	Antimony	0.19	mg/kg	1.3	J	J-
TSB-HJ-02-10	F8A260143010	SW6020	2/6/2008	Palladium	0.51	mg/kg	1.1	J	J+
TSB-HJ-02-10	F8A260143010	SW6020	2/6/2008	Silver	0.13	mg/kg	0.53	J	J+
TSB-HJ-02-10	F8A260143010	SW6020	2/6/2008	Zirconium	23.2	mg/kg	26.7	J	J
TSB-HJ-02-10_01/25/2008	KF6E21AJ	EPA 904.0	3/5/2008	RADIUM-228	1.45E+00	pci/g	2	J	J
TSB-HJ-02-10_01/25/2008	KF6E21AA	HASL-300 U Mod	2/22/2008	URANIUM-235/236	6.07E-02	pci/g	1	J	J
TSB-HJ-03-0	F8A260143004	E300	2/1/2008	Fluoride	0.6	mg/kg	1.1	J	J
TSB-HJ-03-0	F8A260143004	E314.0	1/31/2008	Perchlorate	19.9	ug/kg	42.5	J	J
TSB-HJ-03-0	F8A260143004	SW6020	2/5/2008	Antimony	0.24	mg/kg	1.3	J	J-
TSB-HJ-03-0	F8A260143004	SW6020	2/5/2008	Arsenic	1.9	mg/kg	2.7	J	J
TSB-HJ-03-0	F8A260143004	SW6020	2/6/2008	Palladium	0.26	mg/kg	0.53	J	J+
TSB-HJ-03-0	F8A260143004	SW6020	2/5/2008	Silver	0.093	mg/kg	0.53	J	J+
TSB-HJ-03-0	F8A260143004	SW6020	2/5/2008	Zirconium	21.1	mg/kg	26.6	J	J
TSB-HJ-03-0	F8A260143004	SW7471	1/30/2008	Mercury	20.4	ug/kg	35.4	J	J
TSB-HJ-03-0 FD_01/25/2008	KF6ET1AF	EPA 904.0	3/5/2008	RADIUM-228	1.57E+00	pci/g	2	J	J
TSB-HJ-03-0 FD_01/25/2008	KF6ET1AA	HASL-300 U Mod	2/22/2008	URANIUM-233/234	9.90E-01	pci/g	1	J	J
TSB-HJ-03-0 FD_01/25/2008	KF6ET1AA	HASL-300 U Mod	2/22/2008	URANIUM-235/236	6.24E-02	pci/g	1	J	J
TSB-HJ-03-0_01/25/2008	KF6ER1AF	EPA 904.0	3/5/2008	RADIUM-228	1.55E+00	pci/g	2	J	J
TSB-HJ-03-0_01/25/2008	KF6ER1AA	HASL-300 U Mod	2/22/2008	URANIUM-235/236	2.99E-02	pci/g	1	J	J

TABLE 2-3
SUMMARY OF DATA QUALIFIED DUE TO DETECTION BELOW QUANTITATION LIMIT
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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Check Qualifier	Final Qualifier
TSB-HJ-03-0_01/25/2008	KF6ER1AA	HASL-300 U Mod	2/22/2008	URANIUM-238	9.76E-01	pci/g	1	J	J
TSB-HJ-03-0-FD	F8A260143005	E300	2/4/2008	Chloride	0.85	mg/kg	2.1	J	J
TSB-HJ-03-0-FD	F8A260143005	E300	2/4/2008	Fluoride	0.7	mg/kg	1	J	J
TSB-HJ-03-0-FD	F8A260143005	E300.0	2/4/2008	Chlorine	1.7	mg/kg	4.2	J	J
TSB-HJ-03-0-FD	F8A260143005	SW6020	2/5/2008	Antimony	0.16	mg/kg	1.3	J	J-
TSB-HJ-03-0-FD	F8A260143005	SW6020	2/6/2008	Palladium	0.22	mg/kg	1	J	J+
TSB-HJ-03-0-FD	F8A260143005	SW6020	2/5/2008	Silver	0.078	mg/kg	0.52	J	J+
TSB-HJ-03-0-FD	F8A260143005	SW6020	2/5/2008	Zirconium	15.9	mg/kg	26	J	J
TSB-HJ-03-0-FD	F8A260143005	SW7471	1/30/2008	Mercury	21.7	ug/kg	34.7	J	J
TSB-HJ-03-10	F8A260143006	SW6020	2/5/2008	Antimony	0.18	mg/kg	1.3	J	J-
TSB-HJ-03-10	F8A260143006	SW6020	2/6/2008	Palladium	0.53	mg/kg	1.1	J	J+
TSB-HJ-03-10	F8A260143006	SW6020	2/5/2008	Silver	0.1	mg/kg	0.53	J	J+
TSB-HJ-03-10	F8A260143006	SW6020	2/5/2008	Zirconium	24.1	mg/kg	26.5	J	J
TSB-HJ-03-10_01/25/2008	KF6EV1AF	EPA 904.0	3/5/2008	RADIUM-228	1.53E+00	pci/g	2	J	J
TSB-HJ-03-10_01/25/2008	KF6EV1AA	HASL-300 U Mod	2/22/2008	URANIUM-235/236	3.02E-02	pci/g	1	J	J
TSB-HJ-04-0	F8A250221004	E300	2/1/2008	Fluoride	1	mg/kg	1.1	J	J
TSB-HJ-04-0	F8A250221004	M8015D	1/31/2008	TPH (as Diesel)	6.6	mg/kg	27	J	J
TSB-HJ-04-0	F8A250221004	SW6020	2/1/2008	Arsenic	1.7	mg/kg	2.2	J	J
TSB-HJ-04-0	F8A250221004	SW6020	2/5/2008	Beryllium	0.65	mg/kg	1.1	J	J
TSB-HJ-04-0	F8A250221004	SW6020	2/1/2008	Molybdenum	0.5	mg/kg	1.1	J	J
TSB-HJ-04-0	F8A250221004	SW6020	2/5/2008	Palladium	0.35	mg/kg	1.1	J	J+
TSB-HJ-04-0	F8A250221004	SW6020	2/1/2008	Tin	0.064	mg/kg	0.44	J	J
TSB-HJ-04-0	F8A250221004	SW6020	2/5/2008	Uranium	1.1	mg/kg	1.1	J	J
TSB-HJ-04-0	F8A250221004	SW6020	2/1/2008	Zirconium	20.9	mg/kg	21.8	J	J
TSB-HJ-04-0	F8A250221004	SW8260	2/5/2008	1,2,4-Trimethylbenzene	0.4	ug/kg	5.4	J	J
TSB-HJ-04-0	F8A250221004	SW8290	2/20/2008	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.076	pg/g	5.4	J	J
TSB-HJ-04-0_01/24/2008	KF5F01AA	HASL-300 U Mod	2/20/2008	URANIUM-233/234	9.79E-01	pci/g	1	J	J
TSB-HJ-04-0_01/24/2008	KF5F01AA	HASL-300 U Mod	2/20/2008	URANIUM-235/236	5.66E-02	pci/g	1	J	J
TSB-HJ-04-0_01/24/2008	KF5F01AA	HASL-300 U Mod	2/20/2008	URANIUM-238	8.80E-01	pci/g	1	J	J
TSB-HJ-04-10	F8A250221006	E300	2/1/2008	Chlorate	2.2	mg/kg	5.3	J	J
TSB-HJ-04-10	F8A250221006	SW6020	2/1/2008	Molybdenum	0.53	mg/kg	1.3	J	J
TSB-HJ-04-10	F8A250221006	SW6020	2/1/2008	Zirconium	24.3	mg/kg	26.6	J	J

TABLE 2-3
SUMMARY OF DATA QUALIFIED DUE TO DETECTION BELOW QUANTITATION LIMIT
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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Check Qualifier	Final Qualifier
TSB-HJ-04-10	F8A250221006	SW7471	1/30/2008	Mercury	33.2	ug/kg	35.5	J	J
TSB-HJ-04-10	F8A250221006	SW8260	2/5/2008	1,2,4-Trimethylbenzene	0.55	ug/kg	5.3	J	J
TSB-HJ-04-10	F8A250221006	SW8260	2/5/2008	Acetone	14	ug/kg	21	J	UJ
TSB-HJ-04-10	F8A250221006	SW8260	2/5/2008	Dichloromethane	3.8	ug/kg	5.3	J	J
TSB-HJ-04-10_01/24/2008	KF5F32AF	EPA 904.0	3/28/2008	RADIUM-228	1.40E+00	pci/g	2	J	J
TSB-HJ-04-10_01/24/2008	KF5F31AA	HASL-300 U Mod	2/20/2008	URANIUM-235/236	5.93E-02	pci/g	1	J	J
TSB-HJ-05-0	F8A250221002	E300	2/1/2008	Chloride	1	mg/kg	2.1	J	J
TSB-HJ-05-0	F8A250221002	E300	2/1/2008	Sulfate	4.8	mg/kg	5.2	J	J
TSB-HJ-05-0	F8A250221002	E300.0	2/1/2008	Chlorine	2	mg/kg	4.2	J	J
TSB-HJ-05-0	F8A250221002	SW6020	2/1/2008	Arsenic	1.7	mg/kg	2.1	J	J
TSB-HJ-05-0	F8A250221002	SW6020	2/1/2008	Molybdenum	0.16	mg/kg	1.1	J	J
TSB-HJ-05-0	F8A250221002	SW6020	2/5/2008	Palladium	0.27	mg/kg	0.53	J	J+
TSB-HJ-05-0	F8A250221002	SW6020	2/1/2008	Zirconium	19.5	mg/kg	21	J	J
TSB-HJ-05-0	F8A250221002	SW8260	2/5/2008	1,2,4-Trimethylbenzene	0.38	ug/kg	5.2	J	J
TSB-HJ-05-0	F8A250221002	SW8260	2/5/2008	Acetone	17	ug/kg	21	J	UJ
TSB-HJ-05-0	F8A250221002	SW8290	2/20/2008	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.1	pg/g	5.2	J	J
TSB-HJ-05-0	F8A250221002	SW8290	2/20/2008	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.8	pg/g	5.2	J	J
TSB-HJ-05-0	F8A250221002	SW8290	2/20/2008	1,2,3,4,7,8-Hexachlorodibenzofuran	3.5	pg/g	5.2	J	J
TSB-HJ-05-0	F8A250221002	SW8290	2/20/2008	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.11	pg/g	5.2	J	J
TSB-HJ-05-0	F8A250221002	SW8290	2/20/2008	1,2,3,6,7,8-Hexachlorodibenzofuran	2.2	pg/g	5.2	J	J
TSB-HJ-05-0	F8A250221002	SW8290	2/20/2008	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.19	pg/g	5.2	J	J
TSB-HJ-05-0	F8A250221002	SW8290	2/20/2008	1,2,3,7,8,9-Hexachlorodibenzofuran	0.29	pg/g	5.2	J	J
TSB-HJ-05-0	F8A250221002	SW8290	2/20/2008	1,2,3,7,8-Pentachlorodibenzofuran	1.6	pg/g	5.2	J	J
TSB-HJ-05-0	F8A250221002	SW8290	2/20/2008	2,3,4,6,7,8-Hexachlorodibenzofuran	0.67	pg/g	5.2	J	J
TSB-HJ-05-0	F8A250221002	SW8290	2/20/2008	2,3,4,7,8-Pentachlorodibenzofuran	1.2	pg/g	5.2	J	J
TSB-HJ-05-0	F8A250221002	SW8290	2/20/2008	Octachlorodibenzodioxin	6.4	pg/g	10	J	J
TSB-HJ-05-0_01/24/2008	KF5FV2AF	EPA 904.0	3/28/2008	RADIUM-228	1.45E+00	pci/g	2	J	J
TSB-HJ-05-0_01/24/2008	KF5FV1AA	HASL-300 U Mod	2/20/2008	URANIUM-235/236	4.50E-02	pci/g	1	J	J
TSB-HJ-05-10	F8A250221001	E300	2/1/2008	Fluoride	1	mg/kg	1.1	J	J
TSB-HJ-05-10	F8A250221001	E300	2/1/2008	Sulfate	3.5	mg/kg	5.4	J	J
TSB-HJ-05-10	F8A250221001	E314.0	2/4/2008	Perchlorate	5.7	ug/kg	10.7	J	J
TSB-HJ-05-10	F8A250221001	SW6020	2/5/2008	Beryllium	0.73	mg/kg	1.1	J	J

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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Check Qualifier	Final Qualifier
TSB-HJ-05-10	F8A250221001	SW6020	2/1/2008	Molybdenum	0.57	mg/kg	1.3	J	J
TSB-HJ-05-10	F8A250221001	SW6020	2/5/2008	Palladium	0.66	mg/kg	1.1	J	J+
TSB-HJ-05-10	F8A250221001	SW6020	2/1/2008	Zirconium	23.5	mg/kg	26.8	J	J
TSB-HJ-05-10	F8A250221001	SW8260	2/5/2008	1,2,4-Trimethylbenzene	0.42	ug/kg	5.4	J	J
TSB-HJ-05-10	F8A250221001	SW8290	2/20/2008	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.061	pg/g	5.4	J	J
TSB-HJ-05-10	F8A250221001	SW8290	2/20/2008	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.095	pg/g	5.4	J	J
TSB-HJ-05-10_01/24/2008	KF5A22AF	EPA 904.0	3/28/2008	RADIUM-228	1.46E+00	pci/g	2	J	J
TSB-HJ-05-10_01/24/2008	KF5A21AA	HASL-300 U Mod	2/20/2008	URANIUM-235/236	6.02E-02	pci/g	1	J	J
TSB-HJ-06-0_01/24/2008	KF5F82AF	EPA 904.0	3/28/2008	RADIUM-228	1.68E+00	pci/g	2	J	J
TSB-HJ-06-10_01/24/2008	KF5F92AF	EPA 904.0	3/28/2008	RADIUM-228	1.47E+00	pci/g	2	J	J
TSB-HJ-07-0	F8A250221011	E300	2/1/2008	Fluoride	0.58	mg/kg	1.1	J	J
TSB-HJ-07-0	F8A250221011	E314.0	2/4/2008	Perchlorate	8.6	ug/kg	10.8	J	J
TSB-HJ-07-0	F8A250221011	SW6020	2/5/2008	Beryllium	0.58	mg/kg	1.1	J	J
TSB-HJ-07-0	F8A250221011	SW6020	2/1/2008	Molybdenum	0.37	mg/kg	1.1	J	J
TSB-HJ-07-0	F8A250221011	SW6020	2/5/2008	Palladium	0.33	mg/kg	1.1	J	J+
TSB-HJ-07-0	F8A250221011	SW6020	2/5/2008	Uranium	0.93	mg/kg	1.1	J	J
TSB-HJ-07-0	F8A250221011	SW6020	2/1/2008	Zirconium	16.5	mg/kg	21.7	J	J
TSB-HJ-07-0	F8A250221011	SW7471	1/30/2008	Mercury	20.2	ug/kg	36.1	J	J
TSB-HJ-07-0	F8A250221011	SW8260	2/5/2008	1,2,4-Trimethylbenzene	0.41	ug/kg	5.4	J	J
TSB-HJ-07-0	F8A250221011	SW8290	2/23/2008	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.064	pg/g	5.4	J	J
TSB-HJ-07-0	F8A250221011	SW8290	2/23/2008	1,2,3,7,8,9-Hexachlorodibenzofuran	0.07	pg/g	5.4	J	J
TSB-HJ-07-0_01/24/2008	KF5GC1AA	HASL-300 U Mod	2/20/2008	URANIUM-235/236	5.20E-02	pci/g	1	J	J
TSB-HJ-07-0-FD	F8A250221012	SW6020	2/1/2008	Arsenic	1.5	mg/kg	2.1	J	J
TSB-HJ-07-0-FD	F8A250221012	SW6020	2/1/2008	Molybdenum	0.57	mg/kg	1.1	J	J
TSB-HJ-07-0-FD	F8A250221012	SW6020	2/5/2008	Palladium	0.42	mg/kg	0.53	J	J+
TSB-HJ-07-0-FD	F8A250221012	SW8290	2/23/2008	1,2,3,7,8,9-Hexachlorodibenzofuran	0.14	pg/g	5.3	J	J
TSB-HJ-07-0-FD_01/24/2008	KF5GF1AA	HASL-300 U Mod	2/20/2008	URANIUM-235/236	4.51E-02	pci/g	1	J	J
TSB-HJ-07-10	F8A250221013	E300	2/1/2008	Fluoride	0.83	mg/kg	1.1	J	J
TSB-HJ-07-10	F8A250221013	SW6020	2/5/2008	Beryllium	0.58	mg/kg	1.1	J	J
TSB-HJ-07-10	F8A250221013	SW6020	2/1/2008	Molybdenum	0.47	mg/kg	1.1	J	J
TSB-HJ-07-10	F8A250221013	SW6020	2/5/2008	Palladium	0.46	mg/kg	1.1	J	J+
TSB-HJ-07-10	F8A250221013	SW6020	2/1/2008	Zirconium	15.1	mg/kg	21.5	J	J

TABLE 2-3
SUMMARY OF DATA QUALIFIED DUE TO DETECTION BELOW QUANTITATION LIMIT
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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Check Qualifier	Final Qualifier
TSB-HJ-07-10	F8A250221013	SW8260	2/5/2008	Acetone	19	ug/kg	21	J	UJ
TSB-HJ-07-10_01/24/2008	KF5GG1AF	EPA 904.0	3/5/2008	RADIUM-228	1.33E+00	pci/g	2	J	J
TSB-HJ-08-0	F8A290158006	SW6010	1/31/2008	Lithium	4.7	mg/kg	10.8	J	J
TSB-HJ-08-0	F8A290158006	SW6020	2/6/2008	Antimony	0.19	mg/kg	1.4	J	J-
TSB-HJ-08-0	F8A290158006	SW6020	2/6/2008	Arsenic	1.9	mg/kg	2.7	J	J
TSB-HJ-08-0	F8A290158006	SW6020	2/6/2008	Molybdenum	0.55	mg/kg	1.4	J	J
TSB-HJ-08-0	F8A290158006	SW6020	2/6/2008	Palladium	0.22	mg/kg	0.54	J	J+
TSB-HJ-08-0	F8A290158006	SW6020	2/6/2008	Zirconium	24	mg/kg	27	J	J
TSB-HJ-08-0	F8A290158006	SW7471	2/6/2008	Mercury	13.1	ug/kg	36	J	J
TSB-HJ-08-0	F8A290158006	SW8290	2/24/2008	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.52	pg/g	5.4	J	J
TSB-HJ-08-0	F8A290158006	SW8290	2/24/2008	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.22	pg/g	5.4	J	J
TSB-HJ-08-0	F8A290158006	SW8290	2/24/2008	1,2,3,4,7,8-Hexachlorodibenzofuran	0.61	pg/g	5.4	J	J
TSB-HJ-08-0	F8A290158006	SW8290	2/24/2008	1,2,3,7,8-Pentachlorodibenzofuran	0.43	pg/g	5.4	J	J
TSB-HJ-08-0	F8A290158006	SW8290	2/24/2008	2,3,4,7,8-Pentachlorodibenzofuran	0.23	pg/g	5.4	J	J
TSB-HJ-08-0_01/28/2008	KF8N91AF	EPA 904.0	3/12/2008	RADIUM-228	1.40E+00	pci/g	2	J	J
TSB-HJ-08-0_01/28/2008	KF8N91AA	HASL-300 U Mod	2/25/2008	URANIUM-235/236	4.74E-02	pci/g	1	J	J
TSB-HJ-08-10	F8A290158007	SW6010	1/31/2008	Lithium	9.2	mg/kg	10.8	J	J
TSB-HJ-08-10	F8A290158007	SW6020	2/6/2008	Antimony	0.17	mg/kg	1.4	J	J-
TSB-HJ-08-10	F8A290158007	SW6020	2/6/2008	Molybdenum	0.64	mg/kg	1.4	J	J
TSB-HJ-08-10	F8A290158007	SW6020	2/6/2008	Palladium	0.55	mg/kg	1.4	J	J+
TSB-HJ-08-10	F8A290158007	SW6020	2/6/2008	Zirconium	25.1	mg/kg	27	J	J
TSB-HJ-08-10	F8A290158007	SW8260	2/11/2008	Toluene	1.7	ug/kg	5.4	J	J
TSB-HJ-08-10_01/28/2008	KF8PD1AF	EPA 904.0	3/12/2008	RADIUM-228	1.16E+00	pci/g	2	J	J
TSB-HJ-08-10_01/28/2008	KF8PD1AA	HASL-300 U Mod	2/25/2008	URANIUM-235/236	9.36E-02	pci/g	1	J	J
TSB-HJ-09-0	F8A260143002	E300	2/1/2008	Bromide	0.77	mg/kg	2.8	J	J
TSB-HJ-09-0	F8A260143002	E300.0	2/1/2008	Bromine	1.5	mg/kg	5.5	J	J
TSB-HJ-09-0	F8A260143002	SW6020	2/5/2008	Antimony	0.21	mg/kg	1.4	J	J-
TSB-HJ-09-0	F8A260143002	SW6020	2/5/2008	Arsenic	2.7	mg/kg	2.8	J	J
TSB-HJ-09-0	F8A260143002	SW6020	2/6/2008	Palladium	0.47	mg/kg	0.56	J	J+
TSB-HJ-09-0	F8A260143002	SW6020	2/5/2008	Silver	0.11	mg/kg	0.56	J	J+
TSB-HJ-09-0	F8A260143002	SW6020	2/5/2008	Zirconium	24.9	mg/kg	27.8	J	J
TSB-HJ-09-0	F8A260143002	SW7471	1/30/2008	Mercury	8.7	ug/kg	37	J	J

TABLE 2-3
SUMMARY OF DATA QUALIFIED DUE TO DETECTION BELOW QUANTITATION LIMIT
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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Check Qualifier	Final Qualifier
TSB-HJ-09-0	F8A260143002	SW8260	2/7/2008	Acetone	8.2	ug/kg	22	J	J
TSB-HJ-09-0	F8A260143002	SW8290	2/7/2008	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	5.4	pg/g		J	J
TSB-HJ-09-0	F8A260143002	SW8290	2/7/2008	2,3,4,7,8-Pentachlorodibenzofuran	4	pg/g		J	J
TSB-HJ-09-0_01/25/2008	KF6EP1AF	EPA 904.0	3/5/2008	RADIUM-228	1.56E+00	pci/g	2	J	J
TSB-HJ-09-10	F8A260143003	E300	2/1/2008	Fluoride	0.94	mg/kg	1.1	J	J
TSB-HJ-09-10	F8A260143003	SW6020	2/5/2008	Antimony	0.15	mg/kg	1.3	J	J-
TSB-HJ-09-10	F8A260143003	SW6020	2/6/2008	Palladium	0.51	mg/kg	0.53	J	J+
TSB-HJ-09-10	F8A260143003	SW6020	2/5/2008	Silver	0.13	mg/kg	0.53	J	J+
TSB-HJ-09-10	F8A260143003	SW6020	2/5/2008	Zirconium	26.4	mg/kg	26.6	J	J
TSB-HJ-09-10	F8A260143003	SW8260	2/7/2008	Acetone	6.2	ug/kg	21	J	J
TSB-HJ-09-10_01/25/2008	KF6EQ1AF	EPA 904.0	3/5/2008	RADIUM-228	1.68E+00	pci/g	2	J	J
TSB-HJ-09-10_01/25/2008	KF6EQ1AA	HASL-300 U Mod	2/22/2008	URANIUM-235/236	9.99E-02	pci/g	1	J	J
TSB-HJ-10-0	F8A290158001	E300	2/4/2008	Bromide	2	mg/kg	2.6	J	J
TSB-HJ-10-0	F8A290158001	E300.0	2/4/2008	Bromine	3.9	mg/kg	5.3	J	J
TSB-HJ-10-0	F8A290158001	SW6010	1/31/2008	Lithium	7.8	mg/kg	10.6	J	J
TSB-HJ-10-0	F8A290158001	SW6020	2/6/2008	Arsenic	1.9	mg/kg	2.7	J	J
TSB-HJ-10-0	F8A290158001	SW6020	2/6/2008	Molybdenum	0.37	mg/kg	1.3	J	J
TSB-HJ-10-0	F8A290158001	SW6020	2/6/2008	Palladium	0.35	mg/kg	0.53	J	J+
TSB-HJ-10-0	F8A290158001	SW6020	2/6/2008	Zirconium	16.9	mg/kg	26.5	J	J
TSB-HJ-10-0	F8A290158001	SW7471	2/6/2008	Mercury	7.6	ug/kg	35.3	J	J
TSB-HJ-10-0	F8A290158001	SW8260	2/11/2008	Toluene	0.69	ug/kg	5.3	J	J
TSB-HJ-10-0	F8A290158001	SW8290	2/23/2008	1,2,3,4,7,8,9-Heptachlorodibenzofuran	4.2	pg/g	5.3	J	J
TSB-HJ-10-0	F8A290158001	SW8290	2/23/2008	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.18	pg/g	5.3	J	J
TSB-HJ-10-0	F8A290158001	SW8290	2/23/2008	1,2,3,6,7,8-Hexachlorodibenzofuran	4.2	pg/g	5.3	J	J
TSB-HJ-10-0	F8A290158001	SW8290	2/23/2008	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.51	pg/g	5.3	J	J
TSB-HJ-10-0	F8A290158001	SW8290	2/23/2008	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.52	pg/g	5.3	J	J
TSB-HJ-10-0	F8A290158001	SW8290	2/23/2008	1,2,3,7,8-Pentachlorodibenzofuran	3.7	pg/g	5.3	J	J
TSB-HJ-10-0	F8A290158001	SW8290	2/23/2008	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.39	pg/g	5.3	J	J
TSB-HJ-10-0	F8A290158001	SW8290	2/23/2008	2,3,4,6,7,8-Hexachlorodibenzofuran	1.4	pg/g	5.3	J	J
TSB-HJ-10-0	F8A290158001	SW8290	2/23/2008	2,3,4,7,8-Pentachlorodibenzofuran	2.2	pg/g	5.3	J	J
TSB-HJ-10-0_01/28/2008	KF8NX1AF	EPA 904.0	3/12/2008	RADIUM-228	1.91E+00	pci/g	2	J	J
TSB-HJ-10-0_01/28/2008	KF8NX1AA	HASL-300 U Mod	2/25/2008	URANIUM-235/236	5.28E-02	pci/g	1	J	J

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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Check Qualifier	Final Qualifier
TSB-HJ-10-10	F8A290158002	SW6010	1/31/2008	Lithium	9.1	mg/kg	10.5	J	J
TSB-HJ-10-10	F8A290158002	SW6020	2/6/2008	Antimony	0.17	mg/kg	1.3	J	J-
TSB-HJ-10-10	F8A290158002	SW6020	2/6/2008	Molybdenum	0.35	mg/kg	1.3	J	J
TSB-HJ-10-10	F8A290158002	SW6020	2/6/2008	Palladium	0.76	mg/kg	1.1	J	J+
TSB-HJ-10-10	F8A290158002	SW6020	2/6/2008	Zirconium	21.5	mg/kg	26.2	J	J
TSB-HJ-10-10	F8A290158002	SW8260	2/11/2008	Toluene	0.7	ug/kg	5.2	J	J
TSB-HJ-10-10	F8A290158002	SW8290	2/23/2008	2,3,7,8-Tetrachlorodibenzofuran	0.94	pg/g	1	J	J
TSB-HJ-10-10_01/28/2008	KF8N41AF	EPA 904.0	3/12/2008	RADIUM-228	1.17E+00	pci/g	2	J	J
TSB-HJ-10-10_01/28/2008	KF8N41AA	HASL-300 U Mod	2/25/2008	URANIUM-235/236	7.21E-02	pci/g	1	J	J
TSB-HJ-11-0	F8A260143013	E300	2/4/2008	Chloride	1.8	mg/kg	2.1	J	J
TSB-HJ-11-0	F8A260143013	E300	2/4/2008	Fluoride	0.9	mg/kg	1	J	J
TSB-HJ-11-0	F8A260143013	E300.0	2/4/2008	Chlorine	3.6	mg/kg	4.2	J	J
TSB-HJ-11-0	F8A260143013	E314.0	1/31/2008	Perchlorate	16.6	ug/kg	42	J	J
TSB-HJ-11-0	F8A260143013	SW6020	2/6/2008	Antimony	0.17	mg/kg	1.3	J	J-
TSB-HJ-11-0	F8A260143013	SW6020	2/6/2008	Arsenic	2.3	mg/kg	2.6	J	J
TSB-HJ-11-0	F8A260143013	SW6020	2/6/2008	Silver	0.097	mg/kg	0.53	J	J+
TSB-HJ-11-0	F8A260143013	SW6020	2/6/2008	Zirconium	22.5	mg/kg	26.2	J	J
TSB-HJ-11-0	F8A260143013	SW7471	1/30/2008	Mercury	15.2	ug/kg	35	J	J
TSB-HJ-11-0_01/25/2008	KF6FD1AA	HASL-300 U Mod	2/22/2008	URANIUM-235/236	5.61E-02	pci/g	1	J	J
TSB-HJ-11-10	F8A260143014	SW6020	2/6/2008	Antimony	0.15	mg/kg	1.3	J	J-
TSB-HJ-11-10	F8A260143014	SW6020	2/6/2008	Palladium	0.58	mg/kg	1.3	J	J+
TSB-HJ-11-10	F8A260143014	SW6020	2/6/2008	Silver	0.11	mg/kg	0.53	J	J+
TSB-HJ-11-10	F8A260143014	SW6020	2/6/2008	Zirconium	24.7	mg/kg	26.7	J	J
TSB-HJ-11-10_FD_01/25/2008	KF6FJ1AF	EPA 904.0	3/13/2008	RADIUM-228	1.59E+00	pci/g	2	J	J
TSB-HJ-11-10_01/25/2008	KF6FF1AF	EPA 904.0	3/13/2008	RADIUM-228	1.59E+00	pci/g	2	J	J
TSB-HJ-11-10_01/25/2008	KF6FF1AA	HASL-300 U Mod	2/22/2008	URANIUM-235/236	1.10E-01	pci/g	1	J	J
TSB-HJ-11-10-FD	F8A260143015	SW6020	2/6/2008	Antimony	0.17	mg/kg	1.3	J	J-
TSB-HJ-11-10-FD	F8A260143015	SW6020	2/6/2008	Silver	0.12	mg/kg	0.53	J	J+
TSB-HJ-11-10-FD	F8A260143015	SW6020	2/6/2008	Zirconium	24.6	mg/kg	26.5	J	J
TSB-HR-01-0	F8A260143016	E300	2/4/2008	Chloride	1.3	mg/kg	2.2	J	J
TSB-HR-01-0	F8A260143016	E300.0	2/4/2008	Chlorine	2.6	mg/kg	4.4	J	J
TSB-HR-01-0	F8A260143016	SW6020	2/6/2008	Antimony	0.2	mg/kg	1.4	J	J-

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TSB-HR-01-0	F8A260143016	SW6020	2/6/2008	Arsenic	2.3	mg/kg	2.7	J	J
TSB-HR-01-0	F8A260143016	SW6020	2/6/2008	Palladium	0.39	mg/kg	0.55	J	J+
TSB-HR-01-0	F8A260143016	SW6020	2/6/2008	Silver	0.11	mg/kg	0.55	J	J+
TSB-HR-01-0	F8A260143016	SW6020	2/6/2008	Zirconium	21.9	mg/kg	27.4	J	J
TSB-HR-01-0	F8A260143016	SW7471	1/30/2008	Mercury	15.7	ug/kg	36.5	J	J
TSB-HR-01-0_01/25/2008	KF6FK1AE	EPA 903.1	3/11/2008	RADIUM-226	8.07E-01	pci/g	1	J	J
TSB-HR-01-0_01/25/2008	KF6FK1AF	EPA 904.0	3/13/2008	RADIUM-228	1.41E+00	pci/g	2	J	J
TSB-HR-01-0_01/25/2008	KF6FK1AA	HASL-300 U Mod	2/22/2008	URANIUM-233/234	9.83E-01	pci/g	1	J	J
TSB-HR-01-0_01/25/2008	KF6FK1AA	HASL-300 U Mod	2/22/2008	URANIUM-238	8.39E-01	pci/g	1	J	J
TSB-HR-01-10	F8A260143017	E300	2/4/2008	Bromide	1.5	mg/kg	2.6	J	J
TSB-HR-01-10	F8A260143017	E300	2/4/2008	Chlorate	1.4	mg/kg	5.3	J	J
TSB-HR-01-10	F8A260143017	E300.0	2/4/2008	Bromine	3	mg/kg	5.3	J	J
TSB-HR-01-10	F8A260143017	SW6020	2/6/2008	Antimony	0.16	mg/kg	1.3	J	J-
TSB-HR-01-10	F8A260143017	SW6020	2/6/2008	Silver	0.094	mg/kg	0.53	J	J+
TSB-HR-01-10	F8A260143017	SW6020	2/6/2008	Zirconium	20.9	mg/kg	26.4	J	J
TSB-HR-01-10_01/25/2008	KF6FL1AF	EPA 904.0	3/13/2008	RADIUM-228	1.83E+00	pci/g	2	J	J
TSB-HR-01-10_01/25/2008	KF6FL1AA	HASL-300 U Mod	2/25/2008	URANIUM-235/236	5.72E-02	pci/g	1	J	J
TSB-HR-02-0	F8A260143011	E300	2/4/2008	Chloride	0.65	mg/kg	2.1	J	J
TSB-HR-02-0	F8A260143011	E300.0	2/4/2008	Chlorine	1.3	mg/kg	4.2	J	J
TSB-HR-02-0	F8A260143011	SW6020	2/6/2008	Antimony	0.18	mg/kg	1.3	J	J-
TSB-HR-02-0	F8A260143011	SW6020	2/6/2008	Arsenic	2.5	mg/kg	2.6	J	J
TSB-HR-02-0	F8A260143011	SW6020	2/6/2008	Palladium	0.31	mg/kg	0.53	J	J+
TSB-HR-02-0	F8A260143011	SW6020	2/6/2008	Silver	0.081	mg/kg	0.53	J	J+
TSB-HR-02-0	F8A260143011	SW6020	2/6/2008	Zirconium	17.6	mg/kg	26.4	J	J
TSB-HR-02-0	F8A260143011	SW8290	2/8/2008	1,2,3,4,7,8-Hexachlorodibenzofuran	3.9	pg/g		J	J
TSB-HR-02-0_01/25/2008	KF6E51AA	HASL-300 U Mod	2/22/2008	URANIUM-235/236	4.27E-02	pci/g	1	J	J
TSB-HR-02-10	F8A260143012	E300	2/4/2008	Chlorate	2.5	mg/kg	5.3	J	J
TSB-HR-02-10	F8A260143012	SW6020	2/6/2008	Antimony	0.18	mg/kg	1.3	J	J-
TSB-HR-02-10	F8A260143012	SW6020	2/6/2008	Palladium	0.47	mg/kg	0.53	J	J+
TSB-HR-02-10	F8A260143012	SW6020	2/6/2008	Silver	0.097	mg/kg	0.53	J	J+
TSB-HR-02-10	F8A260143012	SW6020	2/6/2008	Zirconium	21	mg/kg	26.5	J	J
TSB-HR-02-10	F8A260143012	SW7471	1/30/2008	Mercury	7.9	ug/kg	35.3	J	J

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TSB-HR-02-10_01/25/2008	KF6FA1AF	EPA 904.0	3/13/2008	RADIUM-228	1.48E+00	pci/g	2	J	J
TSB-HR-02-10_01/25/2008	KF6FA1AA	HASL-300 U Mod	2/22/2008	URANIUM-235/236	1.59E-01	pci/g	1	J	J
TSB-HR-03-0	F8A260143007	E300	2/4/2008	Chloride	0.99	mg/kg	2.1	J	J
TSB-HR-03-0	F8A260143007	E300	2/4/2008	Nitrite (as N)	0.13	mg/kg	0.21	J	J
TSB-HR-03-0	F8A260143007	E300.0	2/4/2008	Chlorine	2	mg/kg	4.2	J	J
TSB-HR-03-0	F8A260143007	E314.0	1/31/2008	Perchlorate	11.9	ug/kg	42.4	J	J
TSB-HR-03-0	F8A260143007	SW6020	2/5/2008	Antimony	0.15	mg/kg	1.3	J	J-
TSB-HR-03-0	F8A260143007	SW6020	2/5/2008	Arsenic	1.6	mg/kg	2.7	J	J
TSB-HR-03-0	F8A260143007	SW6020	2/6/2008	Palladium	0.32	mg/kg	0.53	J	J+
TSB-HR-03-0	F8A260143007	SW6020	2/5/2008	Silver	0.1	mg/kg	0.53	J	J+
TSB-HR-03-0	F8A260143007	SW6020	2/5/2008	Zirconium	21.4	mg/kg	26.5	J	J
TSB-HR-03-0	F8A260143007	SW7471	1/30/2008	Mercury	8.7	ug/kg	35.3	J	J
TSB-HR-03-0_01/25/2008	KF6EW1AE	EPA 903.1	3/3/2008	RADIUM-226	8.05E-01	pci/g	1	J	J
TSB-HR-03-0_01/25/2008	KF6EW1AF	EPA 904.0	3/5/2008	RADIUM-228	1.05E+00	pci/g	2	J	J
TSB-HR-03-0_01/25/2008	KF6EW1AA	HASL-300 U Mod	2/22/2008	URANIUM-235/236	4.21E-02	pci/g	1	J	J
TSB-HR-03-0_01/25/2008	KF6EW1AA	HASL-300 U Mod	2/22/2008	URANIUM-238	9.58E-01	pci/g	1	J	J
TSB-HR-03-10	F8A260143008	E300	2/4/2008	Bromide	2.3	mg/kg	2.6	J	J
TSB-HR-03-10	F8A260143008	E300.0	2/4/2008	Bromine	4.5	mg/kg	5.3	J	J
TSB-HR-03-10	F8A260143008	E314.0	1/31/2008	Perchlorate	19.1	ug/kg	42.3	J	J
TSB-HR-03-10	F8A260143008	SW6020	2/5/2008	Antimony	0.18	mg/kg	1.3	J	J-
TSB-HR-03-10	F8A260143008	SW6020	2/6/2008	Palladium	0.5	mg/kg	1.1	J	J+
TSB-HR-03-10	F8A260143008	SW6020	2/5/2008	Silver	0.1	mg/kg	0.53	J	J+
TSB-HR-03-10	F8A260143008	SW6020	2/5/2008	Zirconium	24.5	mg/kg	26.5	J	J
TSB-HR-03-10	F8A260143008	SW8260	2/7/2008	Acetonitrile	21	ug/kg	53	J	J-
TSB-HR-03-10_01/25/2008	KF6E01AF	EPA 904.0	3/5/2008	RADIUM-228	1.21E+00	pci/g	2	J	J
TSB-HR-03-10_01/25/2008	KF6E01AA	HASL-300 U Mod	2/22/2008	URANIUM-235/236	6.96E-02	pci/g	1	J	J
TSB-HR-04-0	F8A250221005	E300	2/1/2008	Fluoride	0.62	mg/kg	1	J	J
TSB-HR-04-0	F8A250221005	SW6020	2/1/2008	Arsenic	1.3	mg/kg	2.1	J	J
TSB-HR-04-0	F8A250221005	SW6020	2/1/2008	Molybdenum	0.41	mg/kg	1	J	J
TSB-HR-04-0	F8A250221005	SW6020	2/5/2008	Palladium	0.25	mg/kg	0.26	J	J+
TSB-HR-04-0	F8A250221005	SW6020	2/1/2008	Tin	0.084	mg/kg	0.42	J	J
TSB-HR-04-0	F8A250221005	SW6020	2/1/2008	Zirconium	20.1	mg/kg	20.9	J	J

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TSB-HR-04-0	F8A250221005	SW7471	1/30/2008	Mercury	13.6	ug/kg	34.8	J	J
TSB-HR-04-0	F8A250221005	SW8260	2/5/2008	Acetone	6.8	ug/kg	21	J	UJ
TSB-HR-04-0_01/24/2008	KF5F12AF	EPA 904.0	3/28/2008	RADIUM-228	1.87E+00	pci/g	2	J	J
TSB-HR-04-0_01/24/2008	KF5F11AA	HASL-300 U Mod	2/20/2008	URANIUM-233/234	9.37E-01	pci/g	1	J	J
TSB-HR-04-10	F8A250221003	E300	2/1/2008	Chlorate	3.1	mg/kg	5.3	J	J
TSB-HR-04-10	F8A250221003	SW6010	1/30/2008	Sulfur	1310	mg/kg	2120	J	J
TSB-HR-04-10	F8A250221003	SW6020	2/5/2008	Beryllium	0.66	mg/kg	2.7	J	J
TSB-HR-04-10	F8A250221003	SW6020	2/5/2008	Copper	20	mg/kg	26.5	J	J
TSB-HR-04-10	F8A250221003	SW6020	2/1/2008	Molybdenum	0.6	mg/kg	1.3	J	J
TSB-HR-04-10	F8A250221003	SW6020	2/5/2008	Palladium	1	mg/kg	2.7	J	J+
TSB-HR-04-10	F8A250221003	SW6020	2/5/2008	Uranium	1.7	mg/kg	2.7	J	J
TSB-HR-04-10	F8A250221003	SW6020	2/1/2008	Zirconium	22.6	mg/kg	26.5	J	J
TSB-HR-04-10	F8A250221003	SW8290	2/20/2008	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.071	pg/g	5.3	J	J
TSB-HR-04-10	F8A250221003	SW8290	2/20/2008	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.088	pg/g	5.3	J	J
TSB-HR-04-10_01/24/2008	KF5FX2AF	EPA 904.0	3/28/2008	RADIUM-228	1.40E+00	pci/g	2	J	J
TSB-HR-04-10_01/24/2008	KF5FX1AA	HASL-300 U Mod	2/20/2008	URANIUM-235/236	7.09E-02	pci/g	1	J	J
TSB-HR-05-0	F8A290158008	SW6020	2/6/2008	Arsenic	4	mg/kg	10.9	J	J
TSB-HR-05-0	F8A290158008	SW6020	2/6/2008	Beryllium	0.35	mg/kg	1.1	J	J
TSB-HR-05-0	F8A290158008	SW6020	2/6/2008	Chromium (Total)	6.4	mg/kg	10.9	J	J
TSB-HR-05-0	F8A290158008	SW6020	2/6/2008	Copper	7.2	mg/kg	10.9	J	J
TSB-HR-05-0	F8A290158008	SW6020	2/6/2008	Phosphorus (as P)	667	mg/kg	2720	J	J
TSB-HR-05-0	F8A290158008	SW6020	2/6/2008	Silicon	156	mg/kg	272	J	J
TSB-HR-05-0	F8A290158008	SW6020	2/6/2008	Uranium	0.81	mg/kg	1.1	J	J
TSB-HR-05-0	F8A290158008	SW6020	2/6/2008	Zirconium	9	mg/kg	109	J	J
TSB-HR-05-0	F8A290158008	SW8260	2/11/2008	Toluene	1	ug/kg	5.4	J	J
TSB-HR-05-0	F8A290158008	SW8290	2/24/2008	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.6	pg/g	5.4	J	J
TSB-HR-05-0	F8A290158008	SW8290	2/24/2008	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.21	pg/g	5.4	J	J
TSB-HR-05-0	F8A290158008	SW8290	2/24/2008	1,2,3,4,7,8-Hexachlorodibenzofuran	0.26	pg/g	5.4	J	J
TSB-HR-05-0	F8A290158008	SW8290	2/24/2008	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.29	pg/g	5.4	J	J
TSB-HR-05-0	F8A290158008	SW8290	2/24/2008	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.16	pg/g	5.4	J	J
TSB-HR-05-0	F8A290158008	SW8290	2/24/2008	1,2,3,7,8-Pentachlorodibenzofuran	0.19	pg/g	5.4	J	J
TSB-HR-05-0	F8A290158008	SW8290	2/25/2008	2,3,7,8-Tetrachlorodibenzofuran	0.41	pg/g	1.1	J	J

TABLE 2-3
SUMMARY OF DATA QUALIFIED DUE TO DETECTION BELOW QUANTITATION LIMIT
TRONOX PARCEL H INVESTIGATION
JANUARY 2008
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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Check Qualifier	Final Qualifier
TSB-HR-05-0_01/28/2008	KF8PE1AF	EPA 904.0	3/12/2008	RADIUM-228	1.30E+00	pci/g	2	J	J
TSB-HR-05-0_01/28/2008	KF8PE1AA	HASL-300 U Mod	2/25/2008	URANIUM-235/236	4.94E-02	pci/g	1	J	J
TSB-HR-05-10	F8A290158009	E300	2/4/2008	Bromide	1.8	mg/kg	2.7	J	J
TSB-HR-05-10	F8A290158009	E300.0	2/4/2008	Bromine	3.6	mg/kg	5.4	J	J
TSB-HR-05-10	F8A290158009	SW6020	2/6/2008	Antimony	0.18	mg/kg	1.3	J	J-
TSB-HR-05-10	F8A290158009	SW6020	2/6/2008	Molybdenum	0.46	mg/kg	1.3	J	J
TSB-HR-05-10	F8A290158009	SW6020	2/6/2008	Zirconium	22.2	mg/kg	26.8	J	J
TSB-HR-05-10	F8A290158009	SW8290	2/24/2008	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.04	pg/g	5.4	J	J
TSB-HR-05-10_01/28/2008	KF8PG1AJ	EPA 904.0	3/12/2008	RADIUM-228	1.06E+00	pci/g	2	J	J
TSB-HR-05-10_01/28/2008	KF8PG1AA	HASL-300 U Mod	2/25/2008	URANIUM-235/236	8.73E-02	pci/g	1	J	J
TSB-HR-06-0	F8A290158003	E300	2/4/2008	Chloride	0.4	mg/kg	2.1	J	J
TSB-HJ-06-0_RE	F8A250221009	E300	2/1/2008	Sulfate	5.3	mg/kg	5.5	J	J
TSB-HR-06-0	F8A290158003	E300.0	2/4/2008	Chlorine	0.79	mg/kg	4.2	J	J
TSB-HR-06-0	F8A290158003	SW6010	1/31/2008	Lithium	5.7	mg/kg	10.4	J	J
TSB-HR-06-0	F8A290158003	SW6020	2/6/2008	Antimony	0.16	mg/kg	1.3	J	J-
TSB-HJ-06-0_RE	F8A250221009	SW6020	2/1/2008	Arsenic	2.2	mg/kg	2.2	J	J
TSB-HR-06-0	F8A290158003	SW6020	2/6/2008	Arsenic	2.1	mg/kg	2.6	J	J
TSB-HJ-06-0_RE	F8A250221009	SW6020	2/1/2008	Molybdenum	1	mg/kg	1.1	J	J
TSB-HR-06-0	F8A290158003	SW6020	2/6/2008	Molybdenum	0.58	mg/kg	1.3	J	J
TSB-HJ-06-0_RE	F8A250221009	SW6020	2/5/2008	Palladium	0.31	mg/kg	0.55	J	J+
TSB-HR-06-0	F8A290158003	SW6020	2/6/2008	Palladium	0.22	mg/kg	0.52	J	J+
TSB-HR-06-0	F8A290158003	SW6020	2/6/2008	Zirconium	20.9	mg/kg	26.1	J	J
TSB-HJ-06-0_RE	F8A250221009	SW6020	2/1/2008	Zirconium	21.2	mg/kg	22.2	J	J
TSB-HJ-06-0_RE	F8A250221009	SW7471	1/30/2008	Mercury	7.6	ug/kg	36.9	J	J
TSB-HJ-06-0_RE	F8A250221009	SW8260	2/5/2008	Dichloromethane	4.3	ug/kg	5.5	J	J
TSB-HR-06-0	F8A290158003	SW8260	2/11/2008	Toluene	0.54	ug/kg	5.2	J	J
TSB-HR-06-0	F8A290158003	SW8290	2/23/2008	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.19	pg/g	5.2	J	J
TSB-HJ-06-0_RE	F8A250221009	SW8290	2/23/2008	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.5	pg/g	5.5	J	J
TSB-HJ-06-0_RE	F8A250221009	SW8290	2/23/2008	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.29	pg/g	5.5	J	J
TSB-HJ-06-0_RE	F8A250221009	SW8290	2/23/2008	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.45	pg/g	5.5	J	J
TSB-HJ-06-0_RE	F8A250221009	SW8290	2/23/2008	1,2,3,4,7,8-Hexachlorodibenzofuran	0.82	pg/g	5.5	J	J
TSB-HJ-06-0_RE	F8A250221009	SW8290	2/23/2008	1,2,3,6,7,8-Hexachlorodibenzofuran	0.44	pg/g	5.5	J	J

TABLE 2-3
SUMMARY OF DATA QUALIFIED DUE TO DETECTION BELOW QUANTITATION LIMIT
TRONOX PARCEL H INVESTIGATION
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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Check Qualifier	Final Qualifier
TSB-HJ-06-0_RE	F8A250221009	SW8290	2/23/2008	1,2,3,7,8-Pentachlorodibenzofuran	0.35	pg/g	5.5	J	J
TSB-HJ-06-0_RE	F8A250221009	SW8290	2/23/2008	2,3,4,7,8-Pentachlorodibenzofuran	0.22	pg/g	5.5	J	J
TSB-HJ-06-0_RE	F8A250221009	SW8290	2/23/2008	2,3,7,8-Tetrachlorodibenzofuran	0.66	pg/g	1.1	J	J
TSB-HJ-06-0_RE	F8A250221009	SW8290	2/23/2008	Octachlorodibenzodioxin	2	pg/g	11	J	J
TSB-HR-06-0 FD_01/28/2008	KF8N61AE	EPA 903.1	3/10/2008	RADIUM-226	6.98E-01	pci/g	1	J	J
TSB-HR-06-0 FD_01/28/2008	KF8N61AF	EPA 904.0	3/12/2008	RADIUM-228	1.17E+00	pci/g	2	J	J
TSB-HJ-06-0_01/24/2008_RE	KF5F81AA	HASL-300 U Mod	2/20/2008	URANIUM-233/234	9.62E-01	pci/g	1	J	J
TSB-HJ-06-0_01/24/2008_RE	KF5F81AA	HASL-300 U Mod	2/20/2008	URANIUM-235/236	4.95E-02	pci/g	1	J	J
TSB-HR-06-0_01/28/2008	KF8N51AE	EPA 903.1	3/10/2008	RADIUM-226	7.11E-01	pci/g	1	J	J
TSB-HR-06-0_01/28/2008	KF8N51AF	EPA 904.0	3/12/2008	RADIUM-228	1.63E+00	pci/g	2	J	J
TSB-HR-06-0_01/28/2008	KF8N51AA	HASL-300 U Mod	2/25/2008	URANIUM-235/236	2.91E-02	pci/g	1	J	J
TSB-HR-06-0-FD	F8A290158004	E300	2/4/2008	Chloride	0.81	mg/kg	2.2	J	J
TSB-HR-06-0-FD	F8A290158004	E300.0	2/4/2008	Chlorine	1.6	mg/kg	4.3	J	J
TSB-HR-06-0-FD	F8A290158004	E314.0	2/5/2008	Perchlorate	2.4	ug/kg	10.8	J	J
TSB-HR-06-0-FD	F8A290158004	SW6010	1/31/2008	Lithium	3.2	mg/kg	10.8	J	J
TSB-HR-06-0-FD	F8A290158004	SW6020	2/6/2008	Antimony	0.15	mg/kg	1.4	J	J-
TSB-HR-06-0-FD	F8A290158004	SW6020	2/6/2008	Arsenic	1.7	mg/kg	2.7	J	J
TSB-HR-06-0-FD	F8A290158004	SW6020	2/6/2008	Molybdenum	0.36	mg/kg	1.4	J	J
TSB-HR-06-0-FD	F8A290158004	SW6020	2/6/2008	Palladium	0.21	mg/kg	0.54	J	J+
TSB-HR-06-0-FD	F8A290158004	SW6020	2/6/2008	Zirconium	16.3	mg/kg	27	J	J
TSB-HR-06-0-FD	F8A290158004	SW7471	2/6/2008	Mercury	9.5	ug/kg	36	J	J
TSB-HR-06-0-FD	F8A290158004	SW8290	2/23/2008	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.26	pg/g	5.4	J	J
TSB-HJ-06-10_RE	F8A250221010	E300	2/1/2008	Fluoride	0.68	mg/kg	1.1	J	J
TSB-HR-06-10	F8A290158005	E300	2/4/2008	Fluoride	0.99	mg/kg	1.1	J	J
TSB-HR-06-10	F8A290158005	SW6020	2/6/2008	Antimony	0.16	mg/kg	1.3	J	J-
TSB-HJ-06-10_RE	F8A250221010	SW6020	2/5/2008	Beryllium	0.52	mg/kg	1.1	J	J
TSB-HR-06-10	F8A290158005	SW6020	2/6/2008	Molybdenum	0.43	mg/kg	1.3	J	J
TSB-HJ-06-10_RE	F8A250221010	SW6020	2/1/2008	Molybdenum	0.42	mg/kg	1.1	J	J
TSB-HR-06-10	F8A290158005	SW6020	2/6/2008	Palladium	0.48	mg/kg	1.1	J	J+
TSB-HJ-06-10_RE	F8A250221010	SW6020	2/5/2008	Palladium	0.43	mg/kg	1.1	J	J+
TSB-HR-06-10	F8A290158005	SW6020	2/6/2008	Zirconium	23.6	mg/kg	26.6	J	J
TSB-HJ-06-10_RE	F8A250221010	SW6020	2/1/2008	Zirconium	18.4	mg/kg	21.8	J	J

TABLE 2-3
SUMMARY OF DATA QUALIFIED DUE TO DETECTION BELOW QUANTITATION LIMIT
TRONOX PARCEL H INVESTIGATION
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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Check Qualifier	Final Qualifier
TSB-HR-06-10	F8A290158005	SW7471	2/6/2008	Mercury	9.2	ug/kg	35.4	J	J
TSB-HJ-06-10_01/24/2008_RE	KF5F91AA	HASL-300 U Mod	2/20/2008	URANIUM-235/236	6.48E-02	pci/g	1	J	J
TSB-HR-06-10_01/28/2008	KF8N81AF	EPA 904.0	3/12/2008	RADIUM-228	1.58E+00	pci/g	2	J	J
TSB-HR-06-10_01/28/2008	KF8N81AA	HASL-300 U Mod	2/25/2008	URANIUM-235/236	5.82E-02	pci/g	1	J	J
TSB-HR-07-0	F8A250221007	E300	2/1/2008	Sulfate	3.9	mg/kg	5.4	J	J
TSB-HR-07-0	F8A250221007	M8015D	1/31/2008	TPH (as Diesel)	13	mg/kg	27	J	J
TSB-HR-07-0	F8A250221007	SW6020	2/1/2008	Arsenic	2.1	mg/kg	2.1	J	J
TSB-HR-07-0	F8A250221007	SW6020	2/1/2008	Molybdenum	0.56	mg/kg	1.1	J	J
TSB-HR-07-0	F8A250221007	SW6020	2/5/2008	Palladium	0.37	mg/kg	0.54	J	J+
TSB-HR-07-0	F8A250221007	SW6020	2/1/2008	Zirconium	20.9	mg/kg	21.4	J	J
TSB-HR-07-0	F8A250221007	SW7471	1/30/2008	Mercury	10.4	ug/kg	35.7	J	J
TSB-HR-07-0	F8A250221007	SW8260	2/5/2008	1,2,4-Trimethylbenzene	0.4	ug/kg	5.4	J	J
TSB-HR-07-0	F8A250221007	SW8260	2/5/2008	Acetone	9.3	ug/kg	21	J	J
TSB-HR-07-0	F8A250221007	SW8260	2/5/2008	Dichloromethane	4.5	ug/kg	5.4	J	J
TSB-HR-07-0	F8A250221007	SW8290	2/22/2008	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.035	pg/g	5.4	J	J
TSB-HR-07-0_01/24/2008	KF5F42AF	EPA 904.0	3/28/2008	RADIUM-228	1.33E+00	pci/g	2	J	J
TSB-HR-07-0_01/24/2008	KF5F41AA	HASL-300 U Mod	2/20/2008	URANIUM-235/236	6.30E-02	pci/g	1	J	J
TSB-HR-07-10	F8A250221008	E300	2/1/2008	Chlorate	1.2	mg/kg	5.4	J	J
TSB-HR-07-10	F8A250221008	SW6020	2/1/2008	Arsenic	2.7	mg/kg	2.7	J	J
TSB-HR-07-10	F8A250221008	SW6020	2/5/2008	Beryllium	0.74	mg/kg	1.1	J	J
TSB-HR-07-10	F8A250221008	SW6020	2/1/2008	Molybdenum	0.27	mg/kg	1.4	J	J
TSB-HR-07-10	F8A250221008	SW6020	2/5/2008	Palladium	0.93	mg/kg	1.1	J	J+
TSB-HR-07-10	F8A250221008	SW6020	2/1/2008	Zirconium	20.3	mg/kg	27	J	J
TSB-HR-07-10	F8A250221008	SW7471	1/30/2008	Mercury	17.3	ug/kg	35.9	J	J
TSB-HR-07-10	F8A250221008	SW8260	2/5/2008	1,2,4-Trimethylbenzene	0.43	ug/kg	5.4	J	J
TSB-HR-07-10	F8A250221008	SW8260	2/5/2008	Acetone	9	ug/kg	22	J	J
TSB-HR-07-10	F8A250221008	SW8260	2/5/2008	Dichloromethane	3.7	ug/kg	5.4	J	J
TSB-HR-07-10	F8A250221008	SW8290	2/22/2008	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.14	pg/g	5.4	J	J
TSB-HR-07-10_01/24/2008	KF5F72AF	EPA 904.0	3/28/2008	RADIUM-228	1.55E+00	pci/g	2	J	J
TSB-HR-07-10_01/24/2008	KF5F71AA	HASL-300 U Mod	2/20/2008	URANIUM-235/236	5.79E-02	pci/g	1	J	J
TSB-HR-08-0	F8A250221014	SW6020	2/1/2008	Arsenic	1.8	mg/kg	2.1	J	J
TSB-HR-08-0	F8A250221014	SW6020	2/5/2008	Beryllium	0.48	mg/kg	0.53	J	J

TABLE 2-3
SUMMARY OF DATA QUALIFIED DUE TO DETECTION BELOW QUANTITATION LIMIT
TRONOX PARCEL H INVESTIGATION
JANUARY 2008
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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Check Qualifier	Final Qualifier
TSB-HR-08-0	F8A250221014	SW6020	2/1/2008	Molybdenum	0.49	mg/kg	1.1	J	J
TSB-HR-08-0	F8A250221014	SW6020	2/5/2008	Palladium	0.16	mg/kg	0.53	J	J+
TSB-HR-08-0	F8A250221014	SW6020	2/1/2008	Zirconium	16.3	mg/kg	21.2	J	J
TSB-HR-08-0	F8A250221014	SW8260	2/5/2008	1,2,4-Trimethylbenzene	0.38	ug/kg	5.3	J	J
TSB-HR-08-0	F8A250221014	SW8260	2/5/2008	Acetone	7.4	ug/kg	21	J	UJ
TSB-HR-08-0	F8A250221014	SW8260	2/5/2008	Dichloromethane	3.5	ug/kg	5.3	J	J
TSB-HR-08-0_01/24/2008	KF5GJ2AM	EPA 904.0	3/28/2008	RADIUM-228	1.85E+00	pci/g	2	J	J
TSB-HR-08-0_01/24/2008	KF5GJ1AA	HASL-300 U Mod	2/20/2008	URANIUM-235/236	4.86E-02	pci/g	1	J	J
TSB-HR-08-10	F8A250221015	E300	2/1/2008	Fluoride	0.82	mg/kg	1.1	J	J
TSB-HR-08-10	F8A250221015	SW6020	2/5/2008	Beryllium	0.7	mg/kg	1.1	J	J
TSB-HR-08-10	F8A250221015	SW6020	2/1/2008	Molybdenum	0.59	mg/kg	1.1	J	J
TSB-HR-08-10	F8A250221015	SW6020	2/5/2008	Palladium	0.85	mg/kg	1.1	J	J+
TSB-HR-08-10	F8A250221015	SW8260	2/7/2008	Dichloromethane	4.2	ug/kg	5.5	J	J
TSB-HR-08-10_01/24/2008	KF5GL1AF	EPA 904.0	3/5/2008	RADIUM-228	1.41E+00	pci/g	2	J	J
TSB-HR-08-10_01/24/2008	KF5GL1AA	HASL-300 U Mod	2/21/2008	URANIUM-235/236	6.16E-02	pci/g	1	J	J

ID - identification

NR - Reporting limit was not reported for dioxin/furan results with detected concentrations.

J - estimated value.

UJ - non-detect estimated quantitation limit

ug/l - micrograms per liter

mg/l- milligrams per liter

mg/kg- milligrams per kilogram

ug/kg- micrograms per kilogram

pci/g- picocuries per gram

pg/g- picograms 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 PARCEL H INVESTIGATION
JANUARY 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
RINSATE-1	F8A260143023	SW6020	2/5/2008	Cadmium	<0.5	ug/l	0.5	0.075	0.065, 0.1	U	U
RINSATE-1	F8A260143023	SW6020	2/5/2008	Iron	<50	ug/l	50	46	12.6	U	U
RINSATE-1	F8A260143023	SW6020	2/5/2008	Molybdenum	<5	ug/l	5	0.6	0.2	U	U
RINSATE-1	F8A260143023	SW6020	2/5/2008	Niobium	<25	ug/l	25	18	6.1	U	UJ
RINSATE-1	F8A260143023	SW6020	2/5/2008	Sodium	<50	ug/l	50	42.8	6.6	U	U
RINSATE-1	F8A260143023	SW6020	2/5/2008	Tin	<2	ug/l	2	0.7	0.48	U	U
RINSATE-1	F8A260143023	SW6020	2/5/2008	Titanium	<2	ug/l	2	1.5	1.3, 1.2	U	U
RINSATE-1	F8A260143023	SW6020	2/5/2008	Tungsten	<5	ug/l	5	1.7	0.27, 0.6	U	UJ
RINSATE-2	F8A290158012	SW6020	2/5/2008	Cadmium	<0.5	ug/l	0.5	0.027	0.029, 0.1	U	U
RINSATE-2	F8A290158012	SW6020	2/5/2008	Niobium	<25	ug/l	25	6.3	20.1, 6.1	U	UJ
RINSATE-2	F8A290158012	SW6020	2/5/2008	Sodium	<50	ug/l	50	21	5.5	U	U
RINSATE-2	F8A290158012	SW6020	2/5/2008	Tin	<2	ug/l	2	0.51	0.72	U	U
RINSATE-2	F8A290158012	SW6020	2/5/2008	Titanium	<2	ug/l	2	1	0.8, 1.2	U	U
RINSATE-2	F8A290158012	SW6020	2/5/2008	Tungsten	<5	ug/l	5	0.67	1.9, 0.6	U	U
RINSATE-2	F8A290158012	SW8290	2/15/2008	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<50	pg/l	50	0.84	1.7	U	U
RINSATE-2	F8A290158012	SW8290	2/15/2008	1,2,3,6,7,8-Hexachlorodibenzofuran	<50	pg/l	50	0.35	1.1	U	U
RINSATE-2	F8A290158012	SW8290	2/15/2008	1,2,3,7,8,9-Hexachlorodibenzofuran	<50	pg/l	50	0.56	1.2	U	U
RINSATE-2	F8A290158012	SW8290	2/15/2008	Octachlorodibenzodioxin	<100	pg/l	100	3.9	6.6	U	U
RINSATE-2	F8A290158012	SW8290	2/15/2008	Octachlorodibenzofuran	<100	pg/l	100	1.7	3.8	U	U
TRIP BLANK-TB-05	F8A260143024	SW8260	1/30/2008	Dichloromethane	<1	ug/l	1	0.19	0.16	U	U
TSB-HJ-01-0	F8A260143018	SW6010	1/30/2008	Lithium	<10.5	mg/kg	10.5	6.8	7.6 ug/L	U	U
TSB-HJ-01-0	F8A260143018	SW6020	2/6/2008	Molybdenum	<1.3	mg/kg	1.3	0.76	0.066	U	U
TSB-HJ-01-0	F8A260143018	SW6020	2/6/2008	Thallium	<0.52	mg/kg	0.52	0.19	0.35	U	U
TSB-HJ-01-0	F8A260143018	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	0.28	0.39	U	U
TSB-HJ-01-0	F8A260143018	SW8270	2/8/2008	Unknown	<24000	ug/kg		24000	22000, 330	U	U
TSB-HJ-01-10	F8A260143001	SW6020	2/5/2008	Boron	<26.7	mg/kg	26.7	13.4	4.2	U	UJ
TSB-HJ-01-10	F8A260143001	SW6020	2/5/2008	Cadmium	<0.13	mg/kg	0.13	0.12	0.1 ug/L	U	U
TSB-HJ-01-10	F8A260143001	SW6020	2/5/2008	Molybdenum	<1.3	mg/kg	1.3	0.51	0.066	U	U
TSB-HJ-01-10	F8A260143001	SW6020	2/5/2008	Niobium	9.4	mg/kg	6.7	9.4	4	J+	J+
TSB-HJ-01-10	F8A260143001	SW6020	2/5/2008	Thallium	<0.53	mg/kg	0.53	0.32	0.35	U	U
TSB-HJ-01-10	F8A260143001	SW6020	2/5/2008	Tungsten	<1.3	mg/kg	1.3	0.85	0.39	U	U
TSB-HJ-01-10	F8A260143001	SW8260	2/7/2008	Dichloromethane	<21	ug/kg	5.3	21	13	U	U
TSB-HJ-01-10	F8A260143001	SW8270	2/7/2008	Unknown	<23000	ug/kg		23000	22000, 330	U	U
TSB-HJ-02-0	F8A260143009	SW6010	1/30/2008	Lithium	<10.5	mg/kg	10.5	3.8	7.6 ug/L	U	U

TABLE 2-4
SUMMARY OF DATA QUALIFIED DUE TO LABORATORY BLANK CONTAMINATION
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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-HJ-02-0	F8A260143009	SW6020	2/5/2008	Boron	<26.2	mg/kg	26.2	4.2	4.2	U	U
TSB-HJ-02-0	F8A260143009	SW6020	2/5/2008	Molybdenum	<1.3	mg/kg	1.3	0.91	0.066	U	U
TSB-HJ-02-0	F8A260143009	SW6020	2/5/2008	Tungsten	<1.3	mg/kg	1.3	0.29	0.39	U	U
TSB-HJ-02-0	F8A260143009	SW8260	2/7/2008	Dichloromethane	<12	ug/kg	5.2	12	13	U	U
TSB-HJ-02-0	F8A260143009	SW8270	2/7/2008	Unknown	<24000	ug/kg		24000	22000, 330	U	U
TSB-HJ-02-10	F8A260143010	SW6010	1/30/2008	Lithium	<10.7	mg/kg	10.7	8.9	7.6 ug/L	U	U
TSB-HJ-02-10	F8A260143010	SW6020	2/6/2008	Boron	<26.7	mg/kg	26.7	7.1	4.2	U	U
TSB-HJ-02-10	F8A260143010	SW6020	2/6/2008	Cadmium	<0.13	mg/kg	0.13	0.076	0.1 ug/L	U	U
TSB-HJ-02-10	F8A260143010	SW6020	2/6/2008	Molybdenum	<1.3	mg/kg	1.3	0.85	0.066	U	U
TSB-HJ-02-10	F8A260143010	SW6020	2/6/2008	Tin	<0.53	mg/kg	0.53	0.5	0.12	U	U
TSB-HJ-02-10	F8A260143010	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	0.3	0.39	U	U
TSB-HJ-02-10	F8A260143010	SW8260	2/7/2008	Dichloromethane	<8.8	ug/kg	5.3	8.8	13	U	U
TSB-HJ-02-10	F8A260143010	SW8270	2/7/2008	Unknown	<25000	ug/kg		25000	22000, 330	U	U
TSB-HJ-03-0	F8A260143004	SW6010	1/30/2008	Lithium	<10.6	mg/kg	10.6	3.5	7.6 ug/L	U	U
TSB-HJ-03-0	F8A260143004	SW6020	2/5/2008	Boron	<26.6	mg/kg	26.6	4.3	4.2	U	U
TSB-HJ-03-0	F8A260143004	SW6020	2/5/2008	Cadmium	<0.13	mg/kg	0.13	0.097	0.1 ug/L	U	U
TSB-HJ-03-0	F8A260143004	SW6020	2/5/2008	Molybdenum	<1.3	mg/kg	1.3	0.56	0.066	U	U
TSB-HJ-03-0	F8A260143004	SW6020	2/5/2008	Niobium	<6.6	mg/kg	6.6	2.2	4	U	UJ
TSB-HJ-03-0	F8A260143004	SW6020	2/5/2008	Thallium	<0.53	mg/kg	0.53	0.19	0.35	U	U
TSB-HJ-03-0	F8A260143004	SW6020	2/5/2008	Tungsten	<1.3	mg/kg	1.3	0.34	0.39	U	U
TSB-HJ-03-0	F8A260143004	SW8260	2/7/2008	Dichloromethane	<14	ug/kg	5.3	14	13	U	U
TSB-HJ-03-0	F8A260143004	SW8270	2/7/2008	Unknown	<20000	ug/kg		20000	22000, 330	U	U
TSB-HJ-03-0-FD	F8A260143005	SW6020	2/5/2008	Boron	<26	mg/kg	26	3.7	4.2	U	U
TSB-HJ-03-0-FD	F8A260143005	SW6020	2/5/2008	Cadmium	<0.13	mg/kg	0.13	0.092	0.1 ug/L	U	U
TSB-HJ-03-0-FD	F8A260143005	SW6020	2/5/2008	Molybdenum	<1.3	mg/kg	1.3	0.46	0.066	U	U
TSB-HJ-03-0-FD	F8A260143005	SW6020	2/5/2008	Thallium	<0.52	mg/kg	0.52	0.19	0.35	U	U
TSB-HJ-03-0-FD	F8A260143005	SW6020	2/5/2008	Tin	<0.52	mg/kg	0.52	0.49	0.12	U	U
TSB-HJ-03-0-FD	F8A260143005	SW6020	2/5/2008	Tungsten	<1.3	mg/kg	1.3	0.32	0.39	U	U
TSB-HJ-03-0-FD	F8A260143005	SW8260	2/7/2008	Dichloromethane	<12	ug/kg	5.2	12	13	U	U
TSB-HJ-03-0-FD	F8A260143005	SW8270	2/7/2008	Unknown	<20000	ug/kg		20000	22000, 330	U	U
TSB-HJ-03-10	F8A260143006	SW6010	1/30/2008	Lithium	<10.6	mg/kg	10.6	9.2	7.6 ug/L	U	U
TSB-HJ-03-10	F8A260143006	SW6020	2/5/2008	Boron	<26.5	mg/kg	26.5	5.5	4.2	U	U
TSB-HJ-03-10	F8A260143006	SW6020	2/5/2008	Cadmium	<0.13	mg/kg	0.13	0.077	0.1 ug/L	U	U

TABLE 2-4
SUMMARY OF DATA QUALIFIED DUE TO LABORATORY BLANK CONTAMINATION
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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-HJ-03-10	F8A260143006	SW6020	2/5/2008	Molybdenum	<1.3	mg/kg	1.3	0.4	0.066	U	U
TSB-HJ-03-10	F8A260143006	SW6020	2/5/2008	Tin	<0.53	mg/kg	0.53	0.52	0.12	U	U
TSB-HJ-03-10	F8A260143006	SW6020	2/5/2008	Tungsten	<1.3	mg/kg	1.3	0.33	0.39	U	U
TSB-HJ-03-10	F8A260143006	SW8260	2/7/2008	Dichloromethane	<15	ug/kg	5.3	15	13	U	U
TSB-HJ-03-10	F8A260143006	SW8270	2/7/2008	Unknown	<22000	ug/kg		22000	22000, 330	U	U
TSB-HJ-04-0	F8A250221004	SW6010	1/30/2008	Lithium	<21.8	mg/kg	21.8	10.7	7.6 ug/L	U	U
TSB-HJ-04-0	F8A250221004	SW6020	2/5/2008	Cadmium	<0.55	mg/kg	0.55	0.1	0.036 ug/L	U	U
TSB-HJ-04-0	F8A250221004	SW6020	2/1/2008	Niobium	<5.5	mg/kg	5.5	4.8	1.4 mg/kg, 6.8 ug/L	U	UJ
TSB-HJ-04-0	F8A250221004	SW8270	2/7/2008	Unknown	<9400	ug/kg		9400	8600	U	U
TSB-HJ-04-0	F8A250221004	SW8290	2/20/2008	Octachlorodibenzodioxin	<11	pg/g	11	0.3	0.33	U	U
TSB-HJ-04-10	F8A250221006	SW6020	2/5/2008	Boron	<53.2	mg/kg	53.2	15.3	2.4 mg/kg	U	U
TSB-HJ-04-10	F8A250221006	SW6020	2/5/2008	Cadmium	<0.27	mg/kg	0.27	0.064	0.036 ug/L	U	U
TSB-HJ-04-10	F8A250221006	SW6020	2/1/2008	Niobium	<6.7	mg/kg	6.7	5.7	1.4 mg/kg, 6.8 ug/L	U	UJ
TSB-HJ-04-10	F8A250221006	SW8270	2/7/2008	Unknown	<8300	ug/kg		8300	8600	U	U
TSB-HJ-04-10	F8A250221006	SW8290	2/20/2008	Octachlorodibenzodioxin	<11	pg/g	11	0.2	0.33	U	U
TSB-HJ-05-0	F8A250221002	SW6010	1/30/2008	Lithium	<21	mg/kg	21	14.7	7.6 ug/L	U	U
TSB-HJ-05-0	F8A250221002	SW6020	2/5/2008	Cadmium	<0.26	mg/kg	0.26	0.099	0.036 ug/L	U	U
TSB-HJ-05-0	F8A250221002	SW8270	2/7/2008	Unknown	<7600	ug/kg		7600	8600	U	U
TSB-HJ-05-10	F8A250221001	SW6020	2/5/2008	Cadmium	<0.54	mg/kg	0.54	0.063	0.036 ug/L	U	U
TSB-HJ-05-10	F8A250221001	SW8270	2/6/2008	Unknown	<8400	ug/kg		8400	8600	U	U
TSB-HJ-05-10	F8A250221001	SW8290	2/20/2008	Octachlorodibenzodioxin	<11	pg/g	11	0.3	0.33	U	U
TSB-HJ-05-10	F8A250221001	SW8290	2/20/2008	Octachlorodibenzofuran	<11	pg/g	11	0.12	0.15	U	U
TSB-HJ-07-0	F8A250221011	SW6010	1/30/2008	Lithium	<21.7	mg/kg	21.7	10.2	7.6 ug/L	U	U
TSB-HJ-07-0	F8A250221011	SW6020	2/1/2008	Niobium	<5.4	mg/kg	5.4	3.4	1.4 mg/kg, 6.8 ug/L	U	UJ
TSB-HJ-07-0	F8A250221011	SW8270	2/7/2008	Unknown	<9600	ug/kg		9600	8600	U	U
TSB-HJ-07-0	F8A250221011	SW8290	2/23/2008	Octachlorodibenzodioxin	<11	pg/g	11	0.8	0.33	U	U
TSB-HJ-07-0	F8A250221011	SW8290	2/23/2008	Octachlorodibenzofuran	<11	pg/g	11	0.21	0.15	U	U
TSB-HJ-07-0-FD	F8A250221012	SW6010	1/30/2008	Lithium	<21.2	mg/kg	21.2	12	7.6 ug/L	U	U
TSB-HJ-07-0-FD	F8A250221012	SW6020	2/5/2008	Cadmium	<0.27	mg/kg	0.27	0.081	0.036 ug/L	U	U
TSB-HJ-07-0-FD	F8A250221012	SW6020	2/1/2008	Niobium	<5.3	mg/kg	5.3	3.5	1.4 mg/kg, 6.8 ug/L	U	UJ
TSB-HJ-07-0-FD	F8A250221012	SW8270	2/7/2008	Unknown	<8600	ug/kg		8600	8600	U	U
TSB-HJ-07-0-FD	F8A250221012	SW8290	2/23/2008	Octachlorodibenzodioxin	<11	pg/g	11	0.3	0.33	U	U
TSB-HJ-07-10	F8A250221013	SW6010	1/30/2008	Lithium	<21.5	mg/kg	21.5	20.6	7.6 ug/L	U	U
TSB-HJ-07-10	F8A250221013	SW6020	2/1/2008	Niobium	<5.4	mg/kg	5.4	3.3	1.4 mg/kg, 6.8 ug/L	U	UJ

TABLE 2-4
SUMMARY OF DATA QUALIFIED DUE TO LABORATORY BLANK CONTAMINATION
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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-HJ-07-10	F8A250221013	SW8270	2/7/2008	Unknown	<9200	ug/kg		9200	8600	U	U
TSB-HJ-07-10	F8A250221013	SW8290	2/23/2008	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<5.4	pg/g	5.4	0.071	0.098	U	U
TSB-HJ-07-10	F8A250221013	SW8290	2/23/2008	Octachlorodibenzodioxin	<11	pg/g	11	0.23	0.33	U	U
TSB-HJ-08-0	F8A290158006	SW6020	2/6/2008	Boron	<27	mg/kg	27	4.6	10.6 ug/L	U	U
TSB-HJ-08-0	F8A290158006	SW6020	2/6/2008	Cadmium	<0.14	mg/kg	0.14	0.1	0.1 ug/L	U	U
TSB-HJ-08-0	F8A290158006	SW6020	2/6/2008	Silver	<0.54	mg/kg	0.54	0.11	0.13	U	UJ
TSB-HJ-08-0	F8A290158006	SW6020	2/6/2008	Tin	<0.54	mg/kg	0.54	0.52	0.2 ug/L, 0.0054	U	U
TSB-HJ-08-0	F8A290158006	SW6020	2/6/2008	Tungsten	<1.4	mg/kg	1.4	0.28	0.7 ug/L	U	U
TSB-HJ-08-0	F8A290158006	SW8270	2/8/2008	Unknown	<23000	ug/kg		23000	1100, 20000, 320	U	U
TSB-HJ-08-0_01/28/200	KF8N91AA	HASL-300 U Mod	2/25/2008	URANIUM-238	<1	pci/g	1	9.71E-01	0.0289	U	U
TSB-HJ-08-10	F8A290158007	SW6020	2/6/2008	Boron	<27	mg/kg	27	5.3	10.6 ug/L	U	U
TSB-HJ-08-10	F8A290158007	SW6020	2/6/2008	Cadmium	<0.14	mg/kg	0.14	0.1	0.1 ug/L	U	U
TSB-HJ-08-10	F8A290158007	SW6020	2/6/2008	Silver	<0.54	mg/kg	0.54	0.11	0.13	U	UJ
TSB-HJ-08-10	F8A290158007	SW6020	2/6/2008	Tin	<0.54	mg/kg	0.54	0.5	0.2 ug/L, 0.0054	U	U
TSB-HJ-08-10	F8A290158007	SW6020	2/6/2008	Tungsten	<1.4	mg/kg	1.4	0.33	0.7 ug/L	U	U
TSB-HJ-08-10	F8A290158007	SW8270	2/8/2008	Unknown	<23000	ug/kg		23000	1100, 20000, 320	U	U
TSB-HJ-08-10	F8A290158007	SW8290	2/24/2008	Octachlorodibenzodioxin	<11	pg/g	11	0.26	0.19	U	U
TSB-HJ-09-0	F8A260143002	SW6010	1/30/2008	Lithium	<11.1	mg/kg	11.1	8.4	7.6 ug/L	U	U
TSB-HJ-09-0	F8A260143002	SW6020	2/5/2008	Boron	<27.8	mg/kg	27.8	7	4.2	U	UJ
TSB-HJ-09-0	F8A260143002	SW6020	2/5/2008	Cadmium	<0.14	mg/kg	0.14	0.086	0.1 ug/L	U	U
TSB-HJ-09-0	F8A260143002	SW6020	2/5/2008	Molybdenum	<1.4	mg/kg	1.4	0.46	0.066	U	U
TSB-HJ-09-0	F8A260143002	SW6020	2/5/2008	Niobium	<6.9	mg/kg	6.9	4.6	4	U	UJ
TSB-HJ-09-0	F8A260143002	SW6020	2/5/2008	Thallium	<0.56	mg/kg	0.56	0.27	0.35	U	U
TSB-HJ-09-0	F8A260143002	SW6020	2/5/2008	Tungsten	<1.4	mg/kg	1.4	0.52	0.39	U	U
TSB-HJ-09-0	F8A260143002	SW8260	2/7/2008	Dichloromethane	<15	ug/kg	5.5	15	13	U	U
TSB-HJ-09-0	F8A260143002	SW8270	2/7/2008	Unknown	<23000	ug/kg		23000	22000, 330	U	U
TSB-HJ-09-10	F8A260143003	SW6020	2/5/2008	Boron	<26.6	mg/kg	26.6	8	4.2	U	UJ
TSB-HJ-09-10	F8A260143003	SW6020	2/5/2008	Cadmium	<0.13	mg/kg	0.13	0.096	0.1 ug/L	U	U
TSB-HJ-09-10	F8A260143003	SW6020	2/5/2008	Molybdenum	<1.3	mg/kg	1.3	0.74	0.066	U	U
TSB-HJ-09-10	F8A260143003	SW6020	2/5/2008	Niobium	<6.6	mg/kg	6.6	3.4	4	U	UJ
TSB-HJ-09-10	F8A260143003	SW6020	2/5/2008	Thallium	<0.53	mg/kg	0.53	0.2	0.35	U	U
TSB-HJ-09-10	F8A260143003	SW6020	2/5/2008	Tungsten	<1.3	mg/kg	1.3	0.48	0.39	U	U
TSB-HJ-09-10	F8A260143003	SW8260	2/7/2008	Dichloromethane	<14	ug/kg	5.3	14	13	U	U
TSB-HJ-09-10	F8A260143003	SW8270	2/7/2008	Unknown	<23000	ug/kg		23000	22000, 330	U	U

TABLE 2-4
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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-HJ-10-0	F8A290158001	SW6020	2/6/2008	Boron	<26.5	mg/kg	26.5	10.4	10.6 ug/L	U	U
TSB-HJ-10-0	F8A290158001	SW6020	2/6/2008	Cadmium	<0.13	mg/kg	0.13	0.094	0.1 ug/L	U	U
TSB-HJ-10-0	F8A290158001	SW6020	2/6/2008	Silver	<0.53	mg/kg	0.53	0.072	0.13	U	UJ
TSB-HJ-10-0	F8A290158001	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	0.74	0.7 ug/L	U	U
TSB-HJ-10-0	F8A290158001	SW8270	2/8/2008	Unknown	<22000	ug/kg		22000	1100, 20000, 320	U	U
TSB-HJ-10-10	F8A290158002	SW6020	2/6/2008	Boron	<26.2	mg/kg	26.2	6.7	10.6 ug/L	U	U
TSB-HJ-10-10	F8A290158002	SW6020	2/6/2008	Cadmium	<0.13	mg/kg	0.13	0.09	0.1 ug/L	U	U
TSB-HJ-10-10	F8A290158002	SW6020	2/6/2008	Niobium	<6.6	mg/kg	6.6	4.7	6.1 ug/L	U	UJ
TSB-HJ-10-10	F8A290158002	SW6020	2/6/2008	Silver	<0.52	mg/kg	0.52	0.092	0.13	U	UJ
TSB-HJ-10-10	F8A290158002	SW6020	2/6/2008	Tin	<0.52	mg/kg	0.52	0.5	0.2 ug/L, 0.0054	U	U
TSB-HJ-10-10	F8A290158002	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	0.46	0.7 ug/L	U	U
TSB-HJ-10-10	F8A290158002	SW8270	2/8/2008	Unknown	<21000	ug/kg		21000	1100, 20000, 320	U	U
TSB-HJ-10-10	F8A290158002	SW8290	2/23/2008	Octachlorodibenzodioxin	<10	pg/g	10	0.22	0.19	U	U
TSB-HJ-11-0	F8A260143013	SW6010	1/30/2008	Lithium	<10.5	mg/kg	10.5	6	7.6 ug/L	U	U
TSB-HJ-11-0	F8A260143013	SW6020	2/6/2008	Cadmium	<0.13	mg/kg	0.13	0.11	0.1 ug/L	U	U
TSB-HJ-11-0	F8A260143013	SW6020	2/6/2008	Molybdenum	<1.3	mg/kg	1.3	0.52	0.066	U	U
TSB-HJ-11-0	F8A260143013	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	0.3	0.39	U	U
TSB-HJ-11-0	F8A260143013	SW8260	2/7/2008	Dichloromethane	<5.2	ug/kg	5.2	4.9	13	U	U
TSB-HJ-11-0	F8A260143013	SW8270	2/7/2008	Unknown	<18000	ug/kg		18000	22000, 330	U	U
TSB-HJ-11-10	F8A260143014	SW6010	1/30/2008	Lithium	<10.7	mg/kg	10.7	10	7.6 ug/L	U	U
TSB-HJ-11-10	F8A260143014	SW6020	2/6/2008	Boron	<26.7	mg/kg	26.7	4.7	4.2	U	U
TSB-HJ-11-10	F8A260143014	SW6020	2/6/2008	Cadmium	<0.13	mg/kg	0.13	0.093	0.1 ug/L	U	U
TSB-HJ-11-10	F8A260143014	SW6020	2/6/2008	Molybdenum	<1.3	mg/kg	1.3	0.7	0.066	U	U
TSB-HJ-11-10	F8A260143014	SW6020	2/6/2008	Tin	<0.53	mg/kg	0.53	0.52	0.12	U	U
TSB-HJ-11-10	F8A260143014	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	0.37	0.39	U	U
TSB-HJ-11-10	F8A260143014	SW8260	2/7/2008	Dichloromethane	<6.8	ug/kg	5.3	6.8	13	U	U
TSB-HJ-11-10	F8A260143014	SW8270	2/8/2008	Unknown	<23000	ug/kg		23000	22000, 330	U	U
TSB-HJ-11-10-FD	F8A260143015	SW6020	2/6/2008	Boron	<26.5	mg/kg	26.5	5.2	4.2	U	U
TSB-HJ-11-10-FD	F8A260143015	SW6020	2/6/2008	Cadmium	<0.13	mg/kg	0.13	0.071	0.1 ug/L	U	U
TSB-HJ-11-10-FD	F8A260143015	SW6020	2/6/2008	Molybdenum	<1.3	mg/kg	1.3	0.41	0.066	U	U
TSB-HJ-11-10-FD	F8A260143015	SW6020	2/6/2008	Thallium	<0.53	mg/kg	0.53	0.19	0.35	U	U
TSB-HJ-11-10-FD	F8A260143015	SW6020	2/6/2008	Tin	<0.53	mg/kg	0.53	0.46	0.12	U	U
TSB-HJ-11-10-FD	F8A260143015	SW8270	2/8/2008	Unknown	<21000	ug/kg		21000	22000, 330	U	U
TSB-HR-01-0	F8A260143016	SW6010	1/30/2008	Lithium	<10.9	mg/kg	10.9	5.8	7.6 ug/L	U	U

TABLE 2-4
SUMMARY OF DATA QUALIFIED DUE TO LABORATORY BLANK CONTAMINATION
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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-HR-01-0	F8A260143016	SW6020	2/6/2008	Boron	<27.4	mg/kg	27.4	4.1	4.2	U	U
TSB-HR-01-0	F8A260143016	SW6020	2/6/2008	Cadmium	<0.14	mg/kg	0.14	0.09	0.1 ug/L	U	U
TSB-HR-01-0	F8A260143016	SW6020	2/6/2008	Molybdenum	<1.4	mg/kg	1.4	0.46	0.066	U	U
TSB-HR-01-0	F8A260143016	SW6020	2/6/2008	Tungsten	<1.4	mg/kg	1.4	0.31	0.39	U	U
TSB-HR-01-0	F8A260143016	SW8270	2/8/2008	Unknown	<25000	ug/kg		25000	22000, 330	U	U
TSB-HR-01-10	F8A260143017	SW6020	2/6/2008	Boron	<26.4	mg/kg	26.4	6.3	4.2	U	U
TSB-HR-01-10	F8A260143017	SW6020	2/6/2008	Cadmium	<0.13	mg/kg	0.13	0.068	0.1 ug/L	U	U
TSB-HR-01-10	F8A260143017	SW6020	2/6/2008	Molybdenum	<1.3	mg/kg	1.3	0.46	0.066	U	U
TSB-HR-01-10	F8A260143017	SW6020	2/6/2008	Tin	<0.53	mg/kg	0.53	0.46	0.12	U	U
TSB-HR-01-10	F8A260143017	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	0.31	0.39	U	U
TSB-HR-01-10	F8A260143017	SW8270	2/8/2008	Unknown	<24000	ug/kg		24000	22000, 330	U	U
TSB-HR-02-0	F8A260143011	SW6010	1/30/2008	Lithium	<10.6	mg/kg	10.6	4.7	7.6 ug/L	U	U
TSB-HR-02-0	F8A260143011	SW6020	2/6/2008	Cadmium	<0.13	mg/kg	0.13	0.12	0.1 ug/L	U	U
TSB-HR-02-0	F8A260143011	SW6020	2/6/2008	Molybdenum	<1.3	mg/kg	1.3	0.48	0.066	U	U
TSB-HR-02-0	F8A260143011	SW6020	2/6/2008	Tin	<0.53	mg/kg	0.53	0.48	0.12	U	U
TSB-HR-02-0	F8A260143011	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	0.36	0.39	U	U
TSB-HR-02-0	F8A260143011	SW8260	2/7/2008	Dichloromethane	<7.1	ug/kg	5.3	7.1	13	U	U
TSB-HR-02-0	F8A260143011	SW8270	2/7/2008	Unknown	<24000	ug/kg		24000	22000, 330	U	U
TSB-HR-02-10	F8A260143012	SW6020	2/6/2008	Boron	<26.5	mg/kg	26.5	6.1	4.2	U	U
TSB-HR-02-10	F8A260143012	SW6020	2/6/2008	Cadmium	<0.13	mg/kg	0.13	0.058	0.1 ug/L	U	U
TSB-HR-02-10	F8A260143012	SW6020	2/6/2008	Molybdenum	<1.3	mg/kg	1.3	0.47	0.066	U	U
TSB-HR-02-10	F8A260143012	SW6020	2/6/2008	Tin	<0.53	mg/kg	0.53	0.51	0.12	U	U
TSB-HR-02-10	F8A260143012	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	0.37	0.39	U	U
TSB-HR-02-10	F8A260143012	SW8260	2/7/2008	Dichloromethane	<8.3	ug/kg	5.3	8.3	13	U	U
TSB-HR-02-10	F8A260143012	SW8270	2/7/2008	Unknown	<24000	ug/kg		24000	22000, 330	U	U
TSB-HR-03-0	F8A260143007	SW6010	1/30/2008	Lithium	<10.6	mg/kg	10.6	4.9	7.6 ug/L	U	U
TSB-HR-03-0	F8A260143007	SW6020	2/5/2008	Cadmium	<0.13	mg/kg	0.13	0.095	0.1 ug/L	U	U
TSB-HR-03-0	F8A260143007	SW6020	2/5/2008	Molybdenum	<1.3	mg/kg	1.3	0.4	0.066	U	U
TSB-HR-03-0	F8A260143007	SW6020	2/5/2008	Thallium	<0.53	mg/kg	0.53	0.19	0.35	U	U
TSB-HR-03-0	F8A260143007	SW6020	2/5/2008	Tungsten	<1.3	mg/kg	1.3	0.27	0.39	U	U
TSB-HR-03-0	F8A260143007	SW8260	2/7/2008	Dichloromethane	<16	ug/kg	5.3	16	13	U	U
TSB-HR-03-0	F8A260143007	SW8270	2/7/2008	Unknown	<23000	ug/kg		23000	22000, 330	U	U
TSB-HR-03-10	F8A260143008	SW6020	2/5/2008	Boron	<26.5	mg/kg	26.5	6.3	4.2	U	U

TABLE 2-4
SUMMARY OF DATA QUALIFIED DUE TO LABORATORY BLANK CONTAMINATION
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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-HR-03-10	F8A260143008	SW6020	2/5/2008	Cadmium	<0.13	mg/kg	0.13	0.066	0.1 ug/L	U	U
TSB-HR-03-10	F8A260143008	SW6020	2/5/2008	Molybdenum	<1.3	mg/kg	1.3	0.39	0.066	U	U
TSB-HR-03-10	F8A260143008	SW6020	2/5/2008	Tungsten	<1.3	mg/kg	1.3	0.29	0.39	U	U
TSB-HR-03-10	F8A260143008	SW8260	2/7/2008	Dichloromethane	<15	ug/kg	5.3	15	13	U	U
TSB-HR-03-10	F8A260143008	SW8270	2/7/2008	Unknown	<23000	ug/kg		23000	22000, 330	U	U
TSB-HR-04-0	F8A250221005	SW6010	1/30/2008	Lithium	<20.9	mg/kg	20.9	14.3	7.6 ug/L	U	U
TSB-HR-04-0	F8A250221005	SW6020	2/5/2008	Cadmium	<0.13	mg/kg	0.13	0.076	0.036 ug/L	U	U
TSB-HR-04-0	F8A250221005	SW6020	2/1/2008	Niobium	<5.2	mg/kg	5.2	3.3	1.4 mg/kg, 6.8 ug/L	U	UJ
TSB-HR-04-0	F8A250221005	SW6020	2/5/2008	Tungsten	<1.3	mg/kg	1.3	0.29	0.9 ug/L	U	U
TSB-HR-04-0	F8A250221005	SW8270	2/7/2008	Diacetone alcohol	<7700	ug/kg		7700	8600	U	U
TSB-HR-04-0	F8A250221005	SW8290	2/20/2008	Octachlorodibenzodioxin	<10	pg/g	10	0.19	0.33	U	U
TSB-HR-04-10	F8A250221003	SW6020	2/1/2008	Niobium	<6.6	mg/kg	6.6	5.5	1.4 mg/kg, 6.8 ug/L	U	UJ
TSB-HR-04-10	F8A250221003	SW8270	2/7/2008	Unknown	<7800	ug/kg		7800	8600	U	U
TSB-HR-04-10	F8A250221003	SW8290	2/20/2008	Octachlorodibenzodioxin	<11	pg/g	11	0.24	0.33	U	U
TSB-HR-04-10	F8A250221003	SW8290	2/20/2008	Octachlorodibenzofuran	<11	pg/g	11	0.17	0.15	U	U
TSB-HR-05-0	F8A290158008	SW6020	2/6/2008	Cadmium	<0.54	mg/kg	0.54	0.14	0.1 ug/L	U	U
TSB-HR-05-0	F8A290158008	SW6020	2/6/2008	Sodium	<218	mg/kg	218	138	3.4	U	U
TSB-HR-05-0	F8A290158008	SW8270	2/8/2008	Unknown	<22000	ug/kg		22000	1100, 20000, 320	U	U
TSB-HR-05-10	F8A290158009	SW6020	2/6/2008	Boron	<26.8	mg/kg	26.8	4.9	10.6 ug/L	U	U
TSB-HR-05-10	F8A290158009	SW6020	2/6/2008	Cadmium	<0.13	mg/kg	0.13	0.071	0.1 ug/L	U	U
TSB-HR-05-10	F8A290158009	SW6020	2/6/2008	Silver	<0.54	mg/kg	0.54	0.11	0.13	U	UJ
TSB-HR-05-10	F8A290158009	SW6020	2/6/2008	Tin	<0.54	mg/kg	0.54	0.5	0.2 ug/L, 0.0054	U	U
TSB-HR-05-10	F8A290158009	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	0.27	0.7 ug/L	U	U
TSB-HR-05-10	F8A290158009	SW8270	2/8/2008	Unknown	<22000	ug/kg		22000	1100, 20000, 320	U	U
TSB-HR-05-10	F8A290158009	SW8290	2/24/2008	Octachlorodibenzodioxin	<11	pg/g	11	0.4	0.19	U	U
TSB-HJ-06-0_RE	F8A250221009	SW6010	1/30/2008	Lithium	<22.2	mg/kg	22.2	12	7.6 ug/L	U	U
TSB-HR-06-0	F8A290158003	SW6020	2/6/2008	Boron	<26.1	mg/kg	26.1	4.6	10.6 ug/L	U	U
TSB-HJ-06-0_RE	F8A250221009	SW6020	2/5/2008	Cadmium	<0.28	mg/kg	0.28	0.11	0.036 ug/L	U	U
TSB-HJ-06-0_RE	F8A250221009	SW6020	2/1/2008	Niobium	<5.5	mg/kg	5.5	3.8	1.4 mg/kg, 6.8 ug/L	U	UJ
TSB-HR-06-0	F8A290158003	SW6020	2/6/2008	Niobium	<6.5	mg/kg	6.5	2.1	6.1 ug/L	U	UJ
TSB-HR-06-0	F8A290158003	SW6020	2/6/2008	Silver	<0.52	mg/kg	0.52	0.09	0.13	U	UJ
TSB-HR-06-0	F8A290158003	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	0.36	0.7 ug/L	U	U
TSB-HR-06-0	F8A290158003	SW8270	2/8/2008	Unknown	<23000	ug/kg		23000	1100, 20000, 320	U	U

TABLE 2-4
SUMMARY OF DATA QUALIFIED DUE TO LABORATORY BLANK CONTAMINATION
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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-HJ-06-0_RE	F8A250221009	SW8270	2/7/2008	Unknown	<8200	ug/kg		8200	8600	U	U
TSB-HJ-06-0_RE	F8A250221009	SW8290	2/23/2008	Octachlorodibenzofuran	<11	pg/g	11	2.8	0.15	U	U
TSB-HR-06-0-FD	F8A290158004	SW6020	2/6/2008	Boron	<27	mg/kg	27	3.9	10.6 ug/L	U	U
TSB-HR-06-0-FD	F8A290158004	SW6020	02/06/08	Cadmium	<0.14	mg/kg	0.14	0.094	0.1 ug/L	U	U
TSB-HR-06-0-FD	F8A290158004	SW6020	02/06/08	Silver	<0.54	mg/kg	0.54	0.094	0.13	U	UJ
TSB-HR-06-0-FD	F8A290158004	SW6020	39484	Tin	<0.54	mg/kg	0.54	0.46	0.2 ug/L, 0.0054	U	U
TSB-HR-06-0-FD	F8A290158004	SW8290	2/23/2008	Octachlorodibenzodioxin	<11	pg/g	11	0.7	0.19	U	U
TSB-HR-06-10	F8A290158005	SW6020	2/6/2008	Boron	<26.6	mg/kg	26.6	5.2	10.6 ug/L	U	U
TSB-HR-06-10	F8A290158005	SW6020	39484	Cadmium	<0.13	mg/kg	0.13	0.077	0.1 ug/L	U	U
TSB-HJ-06-10_RE	F8A250221010	SW6020	02/05/08	Cadmium	<0.55	mg/kg	0.55	0.068	0.036 ug/L	U	U
TSB-HJ-06-10_RE	F8A250221010	SW6020	02/01/08	Niobium	<5.5	mg/kg	5.5	3.4	1.4 mg/kg, 6.8 ug/L	U	UJ
TSB-HR-06-10	F8A290158005	SW6020	02/06/08	Silver	<0.53	mg/kg	0.53	0.1	0.13	U	UJ
TSB-HR-06-10	F8A290158005	SW6020	02/06/08	Tin	<0.53	mg/kg	0.53	0.47	0.2 ug/L, 0.0054	U	U
TSB-HR-06-10	F8A290158005	SW6020	02/06/08	Tungsten	<1.3	mg/kg	1.3	0.35	0.7 ug/L	U	U
TSB-HJ-06-10_RE	F8A250221010	SW8270	02/07/08	Unknown	<9400	ug/kg		9400	8600	U	U
TSB-HJ-06-10_RE	F8A250221010	SW8290	02/22/08	Octachlorodibenzodioxin	<11	pg/g	11	0.26	0.33	U	U
TSB-HR-06-10	F8A290158005	SW8290	02/23/08	Octachlorodibenzodioxin	<11	pg/g	11	0.24	0.19	U	U
TSB-HR-07-0	F8A250221007	SW6010	01/30/08	Lithium	<21.4	mg/kg	21.4	17.3	7.6 ug/L	U	U
TSB-HR-07-0	F8A250221007	SW6020	02/05/08	Cadmium	<0.27	mg/kg	0.27	0.069	0.036 ug/L	U	U
TSB-HR-07-0	F8A250221007	SW6020	02/01/08	Niobium	<5.4	mg/kg	5.4	4	1.4 mg/kg, 6.8 ug/L	U	UJ
TSB-HR-07-0	F8A250221007	SW8270	02/07/08	Unknown	<8000	ug/kg		8000	8600	U	U
TSB-HR-07-0	F8A250221007	SW8290	02/22/08	Octachlorodibenzodioxin	<11	pg/g	11	0.21	0.33	U	U
TSB-HR-07-10	F8A250221008	SW6020	02/01/08	Niobium	<6.7	mg/kg	6.7	4.4	1.4 mg/kg, 6.8 ug/L	U	UJ
TSB-HR-07-10	F8A250221008	SW8270	02/07/08	Unknown	<9300	ug/kg		9300	8600	U	U
TSB-HR-07-10	F8A250221008	SW8290	02/22/08	Octachlorodibenzodioxin	<11	pg/g	11	0.34	0.33	U	U
TSB-HR-08-0	F8A250221014	SW6010	01/30/08	Lithium	<21.2	mg/kg	21.2	9.4	7.6 ug/L	U	U
TSB-HR-08-0	F8A250221014	SW6020	02/05/08	Cadmium	<0.27	mg/kg	0.27	0.099	0.036 ug/L	U	U
TSB-HR-08-0	F8A250221014	SW6020	02/01/08	Niobium	<5.3	mg/kg	5.3	3.1	1.4 mg/kg, 6.8 ug/L	U	UJ
TSB-HR-08-0	F8A250221014	SW8270	02/07/08	Unknown	<9300	ug/kg		9300	8600	U	U
TSB-HR-08-0	F8A250221014	SW8290	02/23/08	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<5.3	pg/g	5.3	0.12	0.098	U	U
TSB-HR-08-0	F8A250221014	SW8290	02/23/08	Octachlorodibenzodioxin	<11	pg/g	11	0.22	0.33	U	U
TSB-HR-08-10	F8A250221015	SW6020	02/05/08	Cadmium	<0.55	mg/kg	0.55	0.076	0.036 ug/L	U	U
TSB-HR-08-10	F8A250221015	SW6020	02/01/08	Niobium	<5.5	mg/kg	5.5	4.9	1.4 mg/kg, 6.8 ug/L	U	UJ
TSB-HR-08-10	F8A250221015	SW8270	02/07/08	Unknown	<9100	ug/kg		9100	8600	U	U
TSB-HR-08-10	F8A250221015	SW8290	02/23/08	Octachlorodibenzodioxin	<11	pg/g	11	0.39	0.33	U	U

TABLE 2-4
SUMMARY OF DATA QUALIFIED DUE TO LABORATORY BLANK CONTAMINATION
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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-TB-03-1/25/08	F8A260143021	SW8260	01/30/08	Dichloromethane	<1	ug/l	1	0.14	0.16	U	U
TSB-TB-03-1/28/08	F8A290158013	SW8260	01/30/08	Dichloromethane	<1	ug/l	1	0.22	0.16	U	U
TSB-TB-04-1/25/08	F8A260143022	SW8260	01/30/08	Dichloromethane	<1	ug/l	1	0.19	0.16	U	U
TSB-TB-1	F8A250221018	SW8260	01/30/08	Dichloromethane	<1	ug/l	1	0.18	0.16	U	U
TSB-TB-1-1/28/08	F8A290158010	SW8260	01/30/08	Dichloromethane	<1	ug/l	1	0.21	0.16	U	U
TSB-TB-2	F8A250221017	SW8260	01/30/08	Dichloromethane	<1	ug/l	1	0.14	0.16	U	U
TSB-TB-2-1/25/08	F8A260143020	SW8260	01/30/08	Dichloromethane	<1	ug/l	1	0.19	0.16	U	U
TSB-TB-2-1/28/08	F8A290158011	SW8260	01/30/08	Dichloromethane	<1	ug/l	1	0.19	0.16	U	U
TSB-TB-3	F8A250221016	SW8260	01/30/08	Dichloromethane	<1	ug/l	1	0.2	0.16	U	U

ID - identification

J - estimated value

U - non-detect result due to blank contamination

UJ - non-detect estimated quantitation limit

ug/l - micrograms per liter

mg/kg- milligrams per kilogram

ug/kg- micrograms per kilogram

pg/g- picograms per gram

pg/l- picograms per liter

pci/g- picocuries per gram

QL- quantitation limit

+ Result is biased high

TABLE 2-5
SUMMARY OF DATA QUALIFIED DUE TO FIELD BLANK CONTAMINATION
TRONOX PARCEL H INVESTIGATION
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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Reported Concentration	Blank Concentration	Check Qualifiers	Final Qualifier
RINSATE-2	RINSATE-2	SW8260	1/30/2008	Acetone	<8	ug/l	2	8	4.4 ug/L	U	U
TSB-HJ-01-0	F8A260143018	SW6020	2/6/2008	Molybdenum	<1.3	mg/kg	1.3	0.76	0.60 ug/L	U	U
TSB-HJ-01-0	F8A260143018	SW6020	2/6/2008	Thallium	<0.52	mg/kg	0.52	0.19	0.73 ug/L	U	U
TSB-HJ-01-0	F8A260143018	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	0.28	1.7 ug/L	U	U
TSB-HJ-01-10	F8A260143001	SW6020	2/5/2008	Boron	<26.7	mg/kg	26.7	13.4	17.8 ug/L	U	UJ
TSB-HJ-01-10	F8A260143001	SW6020	2/5/2008	Cadmium	<0.13	mg/kg	0.13	0.12	0.075 ug/L	U	U
TSB-HJ-01-10	F8A260143001	SW6020	2/5/2008	Molybdenum	<1.3	mg/kg	1.3	0.51	0.60 ug/L	U	U
TSB-HJ-01-10	F8A260143001	SW6020	2/5/2008	Thallium	<0.53	mg/kg	0.53	0.32	0.73 ug/L	U	U
TSB-HJ-01-10	F8A260143001	SW6020	2/5/2008	Tungsten	<1.3	mg/kg	1.3	0.85	1.7 ug/L	U	U
TSB-HJ-01-10	F8A260143001	SW8260	2/7/2008	Dichloromethane	<21	ug/kg	5.3	21	10, 12 ug/L	U	U
TSB-HJ-02-0	F8A260143009	SW6020	2/5/2008	Boron	<26.2	mg/kg	26.2	4.2	17.8 ug/L	U	U
TSB-HJ-02-0	F8A260143009	SW6020	2/5/2008	Molybdenum	<1.3	mg/kg	1.3	0.91	0.60 ug/L	U	U
TSB-HJ-02-0	F8A260143009	SW6020	2/5/2008	Tungsten	<1.3	mg/kg	1.3	0.29	1.7 ug/L	U	U
TSB-HJ-02-0	F8A260143009	SW8260	2/7/2008	Dichloromethane	<12	ug/kg	5.2	12	0.14, 10, 12 ug/L	U	U
TSB-HJ-02-10	F8A260143010	SW6020	2/6/2008	Boron	<26.7	mg/kg	26.7	7.1	17.8 ug/L	U	U
TSB-HJ-02-10	F8A260143010	SW6020	2/6/2008	Cadmium	<0.13	mg/kg	0.13	0.076	0.075 ug/L	U	U
TSB-HJ-02-10	F8A260143010	SW6020	2/6/2008	Molybdenum	<1.3	mg/kg	1.3	0.85	0.60 ug/L	U	U
TSB-HJ-02-10	F8A260143010	SW6020	2/6/2008	Tin	<0.53	mg/kg	0.53	0.5	0.70 ug/L	U	U
TSB-HJ-02-10	F8A260143010	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	0.3	1.7 ug/L	U	U
TSB-HJ-02-10	F8A260143010	SW8260	2/7/2008	Acetone	<21	ug/kg	21	9.7	1.8, 4.9 ug/L	U	U
TSB-HJ-02-10	F8A260143010	SW8260	2/7/2008	Dichloromethane	<8.8	ug/kg	5.3	8.8	0.14, 10, 12 ug/L	U	U
TSB-HJ-03-0	F8A260143004	SW6020	2/5/2008	Boron	<26.6	mg/kg	26.6	4.3	17.8 ug/L	U	U
TSB-HJ-03-0	F8A260143004	SW6020	2/5/2008	Cadmium	<0.13	mg/kg	0.13	0.097	0.075 ug/L	U	U
TSB-HJ-03-0	F8A260143004	SW6020	2/5/2008	Molybdenum	<1.3	mg/kg	1.3	0.56	0.60 ug/L	U	U
TSB-HJ-03-0	F8A260143004	SW6020	2/5/2008	Niobium	<6.6	mg/kg	6.6	2.2	18 ug/L	U	UJ
TSB-HJ-03-0	F8A260143004	SW6020	2/5/2008	Thallium	<0.53	mg/kg	0.53	0.19	0.73 ug/L	U	U
TSB-HJ-03-0	F8A260143004	SW6020	2/5/2008	Tungsten	<1.3	mg/kg	1.3	0.34	1.7 ug/L	U	U
TSB-HJ-03-0	F8A260143004	SW8260	2/7/2008	Acetone	<21	ug/kg	21	11	1.8, 4.5 ug/L	U	U
TSB-HJ-03-0	F8A260143004	SW8260	2/7/2008	Dichloromethane	<14	ug/kg	5.3	14	0.19, 10, 12 ug/L	U	U
TSB-HJ-03-0-FD	F8A260143005	SW6020	2/5/2008	Boron	<26	mg/kg	26	3.7	17.8 ug/L	U	U
TSB-HJ-03-0-FD	F8A260143005	SW6020	2/5/2008	Cadmium	<0.13	mg/kg	0.13	0.092	0.075 ug/L	U	U
TSB-HJ-03-0-FD	F8A260143005	SW6020	2/5/2008	Molybdenum	<1.3	mg/kg	1.3	0.46	0.60 ug/L	U	U

TABLE 2-5
SUMMARY OF DATA QUALIFIED DUE TO FIELD BLANK CONTAMINATION
TRONOX PARCEL H INVESTIGATION
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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Reported Concentration	Blank Concentration	Check Qualifiers	Final Qualifier
TSB-HJ-03-0-FD	F8A260143005	SW6020	2/5/2008	Thallium	<0.52	mg/kg	0.52	0.19	0.73 ug/L	U	U
TSB-HJ-03-0-FD	F8A260143005	SW6020	2/5/2008	Tin	<0.52	mg/kg	0.52	0.49	0.70 ug/L	U	U
TSB-HJ-03-0-FD	F8A260143005	SW6020	2/5/2008	Tungsten	<1.3	mg/kg	1.3	0.32	1.7 ug/L	U	U
TSB-HJ-03-0-FD	F8A260143005	SW8260	2/7/2008	Dichloromethane	<12	ug/kg	5.2	12	0.19, 10, 12 ug/L	U	U
TSB-HJ-03-10	F8A260143006	SW6020	2/5/2008	Boron	<26.5	mg/kg	26.5	5.5	17.8 ug/L	U	U
TSB-HJ-03-10	F8A260143006	SW6020	2/5/2008	Cadmium	<0.13	mg/kg	0.13	0.077	0.075 ug/L	U	U
TSB-HJ-03-10	F8A260143006	SW6020	2/5/2008	Molybdenum	<1.3	mg/kg	1.3	0.4	0.60 ug/L	U	U
TSB-HJ-03-10	F8A260143006	SW6020	2/5/2008	Tin	<0.53	mg/kg	0.53	0.52	0.70 ug/L	U	U
TSB-HJ-03-10	F8A260143006	SW6020	2/5/2008	Tungsten	<1.3	mg/kg	1.3	0.33	1.7 ug/L	U	U
TSB-HJ-03-10	F8A260143006	SW8260	2/7/2008	Acetone	<21	ug/kg	21	5.8	1.8, 4.5 ug/L	U	U
TSB-HJ-03-10	F8A260143006	SW8260	2/7/2008	Dichloromethane	<15	ug/kg	5.3	15	0.19, 10, 12 ug/L	U	U
TSB-HJ-04-10	F8A250221006	SW8260	2/5/2008	Acetone	<21	ug/kg	21	14	4.3 ug/L	U	UJ
TSB-HJ-05-0	F8A250221002	SW8260	2/5/2008	Acetone	<21	ug/kg	21	17	4.3 ug/L	U	UJ
TSB-HJ-07-10	F8A250221013	SW8260	2/5/2008	Acetone	<21	ug/kg	21	19	4.9 ug/L	U	UJ
TSB-HJ-08-0	F8A290158006	SW6020	2/6/2008	Cadmium	<0.14	mg/kg	0.14	0.1	0.027 ug/L	U	U
TSB-HJ-08-0	F8A290158006	SW6020	2/6/2008	Tin	<0.54	mg/kg	0.54	0.52	0.51 ug/L	U	U
TSB-HJ-08-0	F8A290158006	SW6020	2/6/2008	Tungsten	<1.4	mg/kg	1.4	0.28	0.67 ug/L	U	U
TSB-HJ-08-0	F8A290158006	SW8260	2/11/2008	Dichloromethane	<8.8	ug/kg	5.4	8.8	0.19 ug/L	U	U
TSB-HJ-08-0	F8A290158006	SW8290	2/24/2008	1,2,3,6,7,8-Hexachlorodibenzofuran	<5.4	pg/g	5.4	0.26	0.35 pg/L	U	U
TSB-HJ-08-0	F8A290158006	SW8290	2/24/2008	Octachlorodibenzodioxin	<11	pg/g	11	1.2	3.9 pg/L	U	U
TSB-HJ-08-0	F8A290158006	SW8290	2/24/2008	Octachlorodibenzofuran	<11	pg/g	11	1.3	1.7 pg/L	U	U
TSB-HJ-08-10	F8A290158007	SW6020	2/6/2008	Cadmium	<0.14	mg/kg	0.14	0.1	0.027 ug/L	U	U
TSB-HJ-08-10	F8A290158007	SW6020	2/6/2008	Tin	<0.54	mg/kg	0.54	0.5	0.51 ug/L	U	U
TSB-HJ-08-10	F8A290158007	SW6020	2/6/2008	Tungsten	<1.4	mg/kg	1.4	0.33	0.67 ug/L	U	U
TSB-HJ-08-10	F8A290158007	SW8260	2/11/2008	Dichloromethane	<5.8	ug/kg	5.4	5.8	0.19 ug/L	U	U
TSB-HJ-08-10	F8A290158007	SW8290	2/24/2008	Octachlorodibenzodioxin	<11	pg/g	11	0.26	3.9 pg/L	U	U
TSB-HJ-09-0	F8A260143002	SW6020	2/5/2008	Boron	<27.8	mg/kg	27.8	7	17.8 ug/L	U	UJ
TSB-HJ-09-0	F8A260143002	SW6020	2/5/2008	Cadmium	<0.14	mg/kg	0.14	0.086	0.075 ug/L	U	U
TSB-HJ-09-0	F8A260143002	SW6020	2/5/2008	Molybdenum	<1.4	mg/kg	1.4	0.46	0.60 ug/L	U	U
TSB-HJ-09-0	F8A260143002	SW6020	2/5/2008	Niobium	<6.9	mg/kg	6.9	4.6	18 ug/L	U	UJ
TSB-HJ-09-0	F8A260143002	SW6020	2/5/2008	Thallium	<0.56	mg/kg	0.56	0.27	0.73 ug/L	U	U
TSB-HJ-09-0	F8A260143002	SW6020	2/5/2008	Tungsten	<1.4	mg/kg	1.4	0.52	1.7 ug/L	U	U

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SUMMARY OF DATA QUALIFIED DUE TO FIELD BLANK CONTAMINATION
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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Reported Concentration	Blank Concentration	Check Qualifiers	Final Qualifier
TSB-HJ-09-0	F8A260143002	SW8260	2/7/2008	Dichloromethane	<15	ug/kg	5.5	15	10, 12 ug/L	U	U
TSB-HJ-09-10	F8A260143003	SW6020	2/5/2008	Boron	<26.6	mg/kg	26.6	8	17.8 ug/L	U	UJ
TSB-HJ-09-10	F8A260143003	SW6020	2/5/2008	Cadmium	<0.13	mg/kg	0.13	0.096	0.075 ug/L	U	U
TSB-HJ-09-10	F8A260143003	SW6020	2/5/2008	Molybdenum	<1.3	mg/kg	1.3	0.74	0.60 ug/L	U	U
TSB-HJ-09-10	F8A260143003	SW6020	2/5/2008	Niobium	<6.6	mg/kg	6.6	3.4	18 ug/L	U	UJ
TSB-HJ-09-10	F8A260143003	SW6020	2/5/2008	Thallium	<0.53	mg/kg	0.53	0.2	0.73 ug/L	U	U
TSB-HJ-09-10	F8A260143003	SW6020	2/5/2008	Tungsten	<1.3	mg/kg	1.3	0.48	1.7 ug/L	U	U
TSB-HJ-09-10	F8A260143003	SW8260	2/7/2008	Dichloromethane	<14	ug/kg	5.3	14	10, 12 ug/L	U	U
TSB-HJ-10-0	F8A290158001	SW6020	2/6/2008	Cadmium	<0.13	mg/kg	0.13	0.094	0.027 ug/L	U	U
TSB-HJ-10-0	F8A290158001	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	0.74	0.67 ug/L	U	U
TSB-HJ-10-0	F8A290158001	SW8260	2/11/2008	Dichloromethane	<6.1	ug/kg	5.3	6.1	0.21 ug/L	U	U
TSB-HJ-10-0	F8A290158001	SW8290	2/23/2008	1,2,3,7,8,9-Hexachlorodibenzofuran	<5.3	pg/g	5.3	0.51	0.56 pg/L	U	U
TSB-HJ-10-10	F8A290158002	SW6020	2/6/2008	Cadmium	<0.13	mg/kg	0.13	0.09	0.027 ug/L	U	U
TSB-HJ-10-10	F8A290158002	SW6020	2/6/2008	Niobium	<6.6	mg/kg	6.6	4.7	6.3 ug/L	U	UJ
TSB-HJ-10-10	F8A290158002	SW6020	2/6/2008	Tin	<0.52	mg/kg	0.52	0.5	0.51 ug/L	U	U
TSB-HJ-10-10	F8A290158002	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	0.46	0.67 ug/L	U	U
TSB-HJ-10-10	F8A290158002	SW8260	2/11/2008	Dichloromethane	<5.2	ug/kg	5.2	3.9	0.21 ug/L	U	U
TSB-HJ-10-10	F8A290158002	SW8290	2/23/2008	Octachlorodibenzodioxin	<10	pg/g	10	0.22	3.9 pg/L	U	U
TSB-HJ-11-0	F8A260143013	SW6020	2/6/2008	Cadmium	<0.13	mg/kg	0.13	0.11	0.075 ug/L	U	U
TSB-HJ-11-0	F8A260143013	SW6020	2/6/2008	Molybdenum	<1.3	mg/kg	1.3	0.52	0.60 ug/L	U	U
TSB-HJ-11-0	F8A260143013	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	0.3	1.7 ug/L	U	U
TSB-HJ-11-0	F8A260143013	SW8260	2/7/2008	Dichloromethane	<5.2	ug/kg	5.2	4.9	0.19, 10, 12 ug/L	U	U
TSB-HJ-11-10	F8A260143014	SW6020	2/6/2008	Boron	<26.7	mg/kg	26.7	4.7	17.8 ug/L	U	U
TSB-HJ-11-10	F8A260143014	SW6020	2/6/2008	Cadmium	<0.13	mg/kg	0.13	0.093	0.075 ug/L	U	U
TSB-HJ-11-10	F8A260143014	SW6020	2/6/2008	Molybdenum	<1.3	mg/kg	1.3	0.7	0.60 ug/L	U	U
TSB-HJ-11-10	F8A260143014	SW6020	2/6/2008	Tin	<0.53	mg/kg	0.53	0.52	0.70 ug/L	U	U
TSB-HJ-11-10	F8A260143014	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	0.37	1.7 ug/L	U	U
TSB-HJ-11-10	F8A260143014	SW8260	2/7/2008	Dichloromethane	<6.8	ug/kg	5.3	6.8	0.19, 10, 12 ug/L	U	U
TSB-HJ-11-10-FD	F8A260143015	SW6020	2/6/2008	Boron	<26.5	mg/kg	26.5	5.2	17.8 ug/L	U	U
TSB-HJ-11-10-FD	F8A260143015	SW6020	2/6/2008	Cadmium	<0.13	mg/kg	0.13	0.071	0.075 ug/L	U	U
TSB-HJ-11-10-FD	F8A260143015	SW6020	2/6/2008	Molybdenum	<1.3	mg/kg	1.3	0.41	0.60 ug/L	U	U
TSB-HJ-11-10-FD	F8A260143015	SW6020	2/6/2008	Thallium	<0.53	mg/kg	0.53	0.19	0.73 ug/L	U	U

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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Reported Concentration	Blank Concentration	Check Qualifiers	Final Qualifier
TSB-HJ-11-10-FD	F8A260143015	SW6020	2/6/2008	Tin	<0.53	mg/kg	0.53	0.46	0.70 ug/L	U	U
TSB-HR-01-0	F8A260143016	E300	2/4/2008	Sulfate	<5.5	mg/kg	5.5	2.2	0.067 ug/ml	U	U
TSB-HR-01-0	F8A260143016	SW6020	2/6/2008	Boron	<27.4	mg/kg	27.4	4.1	17.8 ug/L	U	U
TSB-HR-01-0	F8A260143016	SW6020	2/6/2008	Cadmium	<0.14	mg/kg	0.14	0.09	0.075 ug/L	U	U
TSB-HR-01-0	F8A260143016	SW6020	2/6/2008	Molybdenum	<1.4	mg/kg	1.4	0.46	0.60 ug/L	U	U
TSB-HR-01-0	F8A260143016	SW6020	2/6/2008	Tungsten	<1.4	mg/kg	1.4	0.31	1.7 ug/L	U	U
TSB-HR-01-10	F8A260143017	SW6020	2/6/2008	Boron	<26.4	mg/kg	26.4	6.3	17.8 ug/L	U	U
TSB-HR-01-10	F8A260143017	SW6020	2/6/2008	Cadmium	<0.13	mg/kg	0.13	0.068	0.075 ug/L	U	U
TSB-HR-01-10	F8A260143017	SW6020	2/6/2008	Molybdenum	<1.3	mg/kg	1.3	0.46	0.60 ug/L	U	U
TSB-HR-01-10	F8A260143017	SW6020	2/6/2008	Tin	<0.53	mg/kg	0.53	0.46	0.70 ug/L	U	U
TSB-HR-01-10	F8A260143017	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	0.31	1.7 ug/L	U	U
TSB-HR-02-0	F8A260143011	SW6020	2/6/2008	Cadmium	<0.13	mg/kg	0.13	0.12	0.075 ug/L	U	U
TSB-HR-02-0	F8A260143011	SW6020	2/6/2008	Molybdenum	<1.3	mg/kg	1.3	0.48	0.60 ug/L	U	U
TSB-HR-02-0	F8A260143011	SW6020	2/6/2008	Tin	<0.53	mg/kg	0.53	0.48	0.70 ug/L	U	U
TSB-HR-02-0	F8A260143011	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	0.36	1.7 ug/L	U	U
TSB-HR-02-0	F8A260143011	SW8260	2/7/2008	Acetone	<21	ug/kg	21	9.3	1.8, 4.9 ug/L	U	U
TSB-HR-02-0	F8A260143011	SW8260	2/7/2008	Dichloromethane	<7.1	ug/kg	5.3	7.1	0.14, 10, 12 ug/L	U	U
TSB-HR-02-10	F8A260143012	SW6020	2/6/2008	Boron	<26.5	mg/kg	26.5	6.1	17.8 ug/L	U	U
TSB-HR-02-10	F8A260143012	SW6020	2/6/2008	Cadmium	<0.13	mg/kg	0.13	0.058	0.075 ug/L	U	U
TSB-HR-02-10	F8A260143012	SW6020	2/6/2008	Molybdenum	<1.3	mg/kg	1.3	0.47	0.60 ug/L	U	U
TSB-HR-02-10	F8A260143012	SW6020	2/6/2008	Tin	<0.53	mg/kg	0.53	0.51	0.70 ug/L	U	U
TSB-HR-02-10	F8A260143012	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	0.37	1.7 ug/L	U	U
TSB-HR-02-10	F8A260143012	SW8260	2/7/2008	Acetone	<21	ug/kg	21	9.5	1.8, 4.9 ug/L	U	U
TSB-HR-02-10	F8A260143012	SW8260	2/7/2008	Dichloromethane	<8.3	ug/kg	5.3	8.3	0.14, 10, 12 ug/L	U	U
TSB-HR-03-0	F8A260143007	E300	2/4/2008	Sulfate	<5.3	mg/kg	5.3	5.1	0.067 ug/ml	U	U
TSB-HR-03-0	F8A260143007	SW6020	2/5/2008	Cadmium	<0.13	mg/kg	0.13	0.095	0.075 ug/L	U	U
TSB-HR-03-0	F8A260143007	SW6020	2/5/2008	Molybdenum	<1.3	mg/kg	1.3	0.4	0.60 ug/L	U	U
TSB-HR-03-0	F8A260143007	SW6020	2/5/2008	Thallium	<0.53	mg/kg	0.53	0.19	0.73 ug/L	U	U
TSB-HR-03-0	F8A260143007	SW6020	2/5/2008	Tungsten	<1.3	mg/kg	1.3	0.27	1.7 ug/L	U	U
TSB-HR-03-0	F8A260143007	SW8260	2/7/2008	Dichloromethane	<16	ug/kg	5.3	16	0.19, 10, 12 ug/L	U	U
TSB-HR-03-10	F8A260143008	SW6020	2/5/2008	Boron	<26.5	mg/kg	26.5	6.3	17.8 ug/L	U	U
TSB-HR-03-10	F8A260143008	SW6020	2/5/2008	Cadmium	<0.13	mg/kg	0.13	0.066	0.075 ug/L	U	U

TABLE 2-5
SUMMARY OF DATA QUALIFIED DUE TO FIELD BLANK CONTAMINATION
TRONOX PARCEL H INVESTIGATION
JANUARY 2008
BMI INDUSTRIAL COMPLEX
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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Reported Concentration	Blank Concentration	Check Qualifiers	Final Qualifier
TSB-HR-03-10	F8A260143008	SW6020	2/5/2008	Molybdenum	<1.3	mg/kg	1.3	0.39	0.60 ug/L	U	U
TSB-HR-03-10	F8A260143008	SW6020	2/5/2008	Tungsten	<1.3	mg/kg	1.3	0.29	1.7 ug/L	U	U
TSB-HR-03-10	F8A260143008	SW8260	2/7/2008	Dichloromethane	<15	ug/kg	5.3	15	0.19, 10, 12 ug/L	U	U
TSB-HR-04-0	F8A250221005	SW8260	2/5/2008	Acetone	<21	ug/kg	21	6.8	4.3 ug/L	U	UJ
TSB-HR-05-0	F8A290158008	SW6020	2/6/2008	Cadmium	<0.54	mg/kg	0.54	0.14	0.027 ug/L	U	U
TSB-HR-05-0	F8A290158008	SW6020	2/6/2008	Sodium	<218	mg/kg	218	138	21 ug/L	U	U
TSB-HR-05-0	F8A290158008	SW8260	2/11/2008	Acetone	<22	ug/kg	22	15	5.1 ug/L	U	U
TSB-HR-05-0	F8A290158008	SW8260	2/11/2008	Dichloromethane	<7.8	ug/kg	5.4	7.8	0.19 ug/L	U	U
TSB-HR-05-0	F8A290158008	SW8290	2/24/2008	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxi	<5.4	pg/g	5.4	1.6	0.84 pg/L	U	U
TSB-HR-05-0	F8A290158008	SW8290	2/24/2008	1,2,3,6,7,8-Hexachlorodibenzofuran	<5.4	pg/g	5.4	0.16	0.35 pg/L	U	U
TSB-HR-05-0	F8A290158008	SW8290	2/24/2008	Octachlorodibenzodioxin	<11	pg/g	11	9.2	3.9 pg/L	U	U
TSB-HR-05-0	F8A290158008	SW8290	2/24/2008	Octachlorodibenzofuran	<11	pg/g	11	1.7	1.7 pg/L	U	U
TSB-HR-05-10	F8A290158009	SW6020	2/6/2008	Cadmium	<0.13	mg/kg	0.13	0.071	0.027 ug/L	U	U
TSB-HR-05-10	F8A290158009	SW6020	2/6/2008	Tin	<0.54	mg/kg	0.54	0.5	0.51 ug/L	U	U
TSB-HR-05-10	F8A290158009	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	0.27	0.67 ug/L	U	U
TSB-HR-05-10	F8A290158009	SW8260	2/11/2008	Dichloromethane	<6.5	ug/kg	5.4	6.5	0.19 ug/L	U	U
TSB-HR-05-10	F8A290158009	SW8290	2/24/2008	Octachlorodibenzodioxin	<11	pg/g	11	0.4	3.9 pg/L	U	U
TSB-HR-06-0	F8A290158003	E300	2/4/2008	Sulfate	<5.2	mg/kg	5.2	4.8	0.1	U	UJ
TSB-HR-06-0	F8A290158003	SW6020	2/6/2008	Niobium	<6.5	mg/kg	6.5	2.1	6.3 ug/L	U	UJ
TSB-HR-06-0	F8A290158003	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	0.36	0.67 ug/L	U	U
TSB-HR-06-0	F8A290158003	SW8260	2/11/2008	Dichloromethane	<7.4	ug/kg	5.2	7.4	0.21 ug/L	U	U
TSB-HR-06-0	F8A290158003	SW8290	2/23/2008	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxi	<5.2	pg/g	5.2	0.16	0.84 pg/L	U	U
TSB-HR-06-0	F8A290158003	SW8290	2/23/2008	Octachlorodibenzodioxin	<10	pg/g	10	1.5	3.9 pg/L	U	U
TSB-HR-06-0	F8A290158003	SW8290	2/23/2008	Octachlorodibenzofuran	<10	pg/g	10	0.62	1.7 pg/L	U	U
TSB-HR-06-0-FD	F8A290158004	SW6020	2/6/2008	Cadmium	<0.14	mg/kg	0.14	0.094	0.027 ug/L	U	U
TSB-HR-06-0-FD	F8A290158004	SW6020	2/6/2008	Tin	<0.54	mg/kg	0.54	0.46	0.51 ug/L	U	U
TSB-HR-06-0-FD	F8A290158004	SW8260	2/11/2008	Dichloromethane	<5.4	ug/kg	5.4	3	0.21 ug/L	U	U
TSB-HR-06-0-FD	F8A290158004	SW8290	2/23/2008	Octachlorodibenzodioxin	<11	pg/g	11	0.7	3.9 pg/L	U	U
TSB-HR-06-0-FD	F8A290158004	SW8290	2/23/2008	Octachlorodibenzofuran	<11	pg/g	11	0.49	1.7 pg/L	U	U
TSB-HR-06-10	F8A290158005	SW6020	2/6/2008	Cadmium	<0.13	mg/kg	0.13	0.077	0.027 ug/L	U	U
TSB-HR-06-10	F8A290158005	SW6020	2/6/2008	Tin	<0.53	mg/kg	0.53	0.47	0.51 ug/L	U	U
TSB-HR-06-10	F8A290158005	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	0.35	0.67 ug/L	U	U

TABLE 2-5
SUMMARY OF DATA QUALIFIED DUE TO FIELD BLANK CONTAMINATION
TRONOX PARCEL H INVESTIGATION
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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Reported Concentration	Blank Concentration	Check Qualifiers	Final Qualifier
TSB-HR-06-10	F8A290158005	SW8260	2/11/2008	Dichloromethane	<7.3	ug/kg	5.3	7.3	0.21 ug/L	U	U
TSB-HR-06-10	F8A290158005	SW8290	2/23/2008	Octachlorodibenzodioxin	<11	pg/g	11	0.24	3.9 pg/L	U	U
TSB-HR-08-0	F8A250221014	SW8260	2/5/2008	Acetone	<21	ug/kg	21	7.4	4.9 ug/L	U	UJ

ID - identification

U - non-detect result due to blank contamination

UJ - result is non-detect due to blank contamination with an estimated detection limit.

mg/kg - milligram per kilogram

ug/kg - microgram per kilogram

pg/g- picograms per gram

ug/l- micrograms per liter

QL - quantitation limit

TABLE 2-6
SUMMARY OF DATA QUALIFIED DUE TO MS/MSD RECOVERY EXCEEDANCES
TRONOX PARCEL H INVESTIGATION
JANUARY 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-HJ-01-0	F8A260143018	SW6020	02/06/08	Chromium (Total)	10.9	mg/kg	126.3	75-125	2.6	J+	J+
TSB-HJ-01-0	F8A260143018	SW6020	02/06/08	Palladium	0.23	mg/kg	132.1	75-125	0.52	J+	J+
TSB-HJ-01-0	F8A260143018	SW6020	02/06/08	Phosphorus (as P)	1670	mg/kg	61.9,29.6	75-125	262	J-	J-
TSB-HJ-01-0	F8A260143018	SW6020	02/06/08	Strontium	129	mg/kg	194.3,170.6	75-125	1.3	J+	J+
TSB-HJ-01-10	F8A260143001	SW6020	02/05/08	Chromium (Total)	9.9	mg/kg	126.3	75-125	2.7	J+	J+
TSB-HJ-01-10	F8A260143001	SW6020	02/06/08	Palladium	0.6	mg/kg	132.1	75-125	1.1	J+	J+
TSB-HJ-01-10	F8A260143001	SW6020	02/06/08	Phosphorus (as P)	1100	mg/kg	61.9,29.6	75-125	533	J-	J-
TSB-HJ-01-10	F8A260143001	SW6020	02/05/08	Strontium	253	mg/kg	194.3,170.6	75-125	1.3	J+	J+
TSB-HJ-02-0	F8A260143009	SW6020	02/05/08	Chromium (Total)	12.1	mg/kg	126.3	75-125	2.6	J+	J+
TSB-HJ-02-0	F8A260143009	SW6020	02/06/08	Palladium	0.39	mg/kg	132.1	75-125	1.1	J+	J+
TSB-HJ-02-0	F8A260143009	SW6020	02/06/08	Phosphorus (as P)	1430	mg/kg	61.9,29.6	75-125	525	J-	J-
TSB-HJ-02-0	F8A260143009	SW6020	02/05/08	Strontium	215	mg/kg	194.3,170.6	75-125	1.3	J+	J+
TSB-HJ-02-10	F8A260143010	SW6020	02/06/08	Chromium (Total)	10.7	mg/kg	126.3	75-125	2.7	J+	J+
TSB-HJ-02-10	F8A260143010	SW6020	02/06/08	Palladium	0.51	mg/kg	132.1	75-125	1.1	J+	J+
TSB-HJ-02-10	F8A260143010	SW6020	02/06/08	Phosphorus (as P)	1070	mg/kg	61.9,29.6	75-125	533	J-	J-
TSB-HJ-02-10	F8A260143010	SW6020	02/06/08	Strontium	243	mg/kg	194.3,170.6	75-125	1.3	J+	J+
TSB-HJ-03-0	F8A260143004	SW6020	02/05/08	Chromium (Total)	10.5	mg/kg	126.3	75-125	2.7	J+	J+
TSB-HJ-03-0	F8A260143004	SW6020	02/06/08	Palladium	0.26	mg/kg	132.1	75-125	0.53	J+	J+
TSB-HJ-03-0	F8A260143004	SW6020	02/06/08	Phosphorus (as P)	1560	mg/kg	61.9,29.6	75-125	266	J-	J-
TSB-HJ-03-0	F8A260143004	SW6020	02/05/08	Strontium	125	mg/kg	194.3,170.6	75-125	1.3	J+	J+
TSB-HJ-03-0-FD	F8A260143005	SW6020	02/05/08	Chromium (Total)	7.9	mg/kg	126.3	75-125	2.6	J+	J+
TSB-HJ-03-0-FD	F8A260143005	SW6020	02/06/08	Palladium	0.22	mg/kg	132.1	75-125	1	J+	J+
TSB-HJ-03-0-FD	F8A260143005	SW6020	02/06/08	Phosphorus (as P)	1350	mg/kg	61.9,29.6	75-125	521	J-	J-
TSB-HJ-03-0-FD	F8A260143005	SW6020	02/05/08	Strontium	132	mg/kg	194.3,170.6	75-125	1.3	J+	J+
TSB-HJ-03-10	F8A260143006	SW6020	02/05/08	Chromium (Total)	11.4	mg/kg	126.3	75-125	2.7	J+	J+
TSB-HJ-03-10	F8A260143006	SW6020	02/06/08	Palladium	0.53	mg/kg	132.1	75-125	1.1	J+	J+
TSB-HJ-03-10	F8A260143006	SW6020	02/06/08	Phosphorus (as P)	1300	mg/kg	61.9,29.6	75-125	530	J-	J-
TSB-HJ-03-10	F8A260143006	SW6020	02/05/08	Strontium	262	mg/kg	194.3,170.6	75-125	1.3	J+	J+
TSB-HJ-09-0	F8A260143002	SW6020	02/05/08	Chromium (Total)	14.8	mg/kg	126.3	75-125	2.8	J+	J+
TSB-HJ-09-0	F8A260143002	SW6020	02/06/08	Palladium	0.47	mg/kg	132.1	75-125	0.56	J+	J+
TSB-HJ-09-0	F8A260143002	SW6020	02/06/08	Phosphorus (as P)	1250	mg/kg	61.9,29.6	75-125	278	J-	J-

TABLE 2-6
SUMMARY OF DATA QUALIFIED DUE TO MS/MSD RECOVERY EXCEEDANCES
TRONOX PARCEL H INVESTIGATION
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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	% Recovery	Limit	QL	Check Qualifier	Final Qualifier
TSB-HJ-09-0	F8A260143002	SW6020	02/05/08	Strontium	179	mg/kg	194.3,170.6	75-125	1.4	J+	J+
TSB-HJ-09-10	F8A260143003	SW6020	02/05/08	Chromium (Total)	13.4	mg/kg	126.3	75-125	2.7	J+	J+
TSB-HJ-09-10	F8A260143003	SW6020	02/06/08	Palladium	0.51	mg/kg	132.1	75-125	0.53	J+	J+
TSB-HJ-09-10	F8A260143003	SW6020	02/06/08	Phosphorus (as P)	1570	mg/kg	61.9,29.6	75-125	266	J-	J-
TSB-HJ-09-10	F8A260143003	SW6020	02/05/08	Strontium	224	mg/kg	194.3,170.6	75-125	1.3	J+	J+
TSB-HJ-11-0	F8A260143013	SW6020	02/06/08	Chromium (Total)	11.4	mg/kg	126.3	75-125	2.6	J+	J+
TSB-HJ-11-0	F8A260143013	SW6020	02/06/08	Palladium	0.33	mg/kg	132.1	75-125	0.26	J+	J+
TSB-HJ-11-0	F8A260143013	SW6020	02/06/08	Phosphorus (as P)	1210	mg/kg	61.9,29.6	75-125	131	J-	J-
TSB-HJ-11-0	F8A260143013	SW6020	02/06/08	Strontium	164	mg/kg	194.3,170.6	75-125	1.3	J+	J+
TSB-HJ-11-10	F8A260143014	SW6020	02/06/08	Chromium (Total)	13.4	mg/kg	126.3	75-125	2.7	J+	J+
TSB-HJ-11-10	F8A260143014	SW6020	02/06/08	Palladium	0.58	mg/kg	132.1	75-125	1.3	J+	J+
TSB-HJ-11-10	F8A260143014	SW6020	02/06/08	Phosphorus (as P)	1210	mg/kg	61.9,29.6	75-125	667	J-	J-
TSB-HJ-11-10	F8A260143014	SW6020	02/06/08	Strontium	299	mg/kg	194.3,170.6	75-125	1.3	J+	J+
TSB-HJ-11-10-FD	F8A260143015	SW6020	02/06/08	Chromium (Total)	11.2	mg/kg	126.3	75-125	2.7	J+	J+
TSB-HJ-11-10-FD	F8A260143015	SW6020	02/06/08	Palladium	0.55	mg/kg	132.1	75-125	0.53	J+	J+
TSB-HJ-11-10-FD	F8A260143015	SW6020	02/06/08	Phosphorus (as P)	1240	mg/kg	61.9,29.6	75-125	265	J-	J-
TSB-HJ-11-10-FD	F8A260143015	SW6020	02/06/08	Strontium	230	mg/kg	194.3,170.6	75-125	1.3	J+	J+
TSB-HR-01-0	F8A260143016	SW6020	02/06/08	Chromium (Total)	13.9	mg/kg	126.3	75-125	2.7	J+	J+
TSB-HR-01-0	F8A260143016	SW6020	02/06/08	Palladium	0.39	mg/kg	132.1	75-125	0.55	J+	J+
TSB-HR-01-0	F8A260143016	SW6020	02/06/08	Phosphorus (as P)	894	mg/kg	61.9,29.6	75-125	274	J-	J-
TSB-HR-01-0	F8A260143016	SW6020	02/06/08	Strontium	173	mg/kg	194.3,170.6	75-125	1.4	J+	J+
TSB-HR-01-10	F8A260143017	SW6020	02/06/08	Chromium (Total)	10.3	mg/kg	126.3	75-125	2.6	J+	J+
TSB-HR-01-10	F8A260143017	SW6020	02/06/08	Palladium	0.42	mg/kg	132.1	75-125	0.26	J+	J+
TSB-HR-01-10	F8A260143017	SW6020	02/06/08	Phosphorus (as P)	860	mg/kg	61.9,29.6	75-125	132	J-	J-
TSB-HR-01-10	F8A260143017	SW6020	02/06/08	Strontium	187	mg/kg	194.3,170.6	75-125	1.3	J+	J+
TSB-HR-02-0	F8A260143011	SW6020	02/06/08	Chromium (Total)	8.6	mg/kg	126.3	75-125	2.6	J+	J+
TSB-HR-02-0	F8A260143011	SW6020	02/06/08	Palladium	0.31	mg/kg	132.1	75-125	0.53	J+	J+
TSB-HR-02-0	F8A260143011	SW6020	02/06/08	Phosphorus (as P)	1480	mg/kg	61.9,29.6	75-125	264	J-	J-
TSB-HR-02-0	F8A260143011	SW6020	02/06/08	Strontium	133	mg/kg	194.3,170.6	75-125	1.3	J+	J+
TSB-HR-02-10	F8A260143012	SW6020	02/06/08	Chromium (Total)	10.8	mg/kg	126.3	75-125	2.7	J+	J+
TSB-HJ-04-0	F8A250221004	SW6020	02/01/08	Antimony	< 1.1	mg/kg	60.6,54.7	75-125	1.1	UJ	UJ
TSB-HJ-04-0	F8A250221004	SW6020	02/01/08	Barium	131	mg/kg	173.6,150.6	75-125	4.4	J+	J+

TABLE 2-6
SUMMARY OF DATA QUALIFIED DUE TO MS/MSD RECOVERY EXCEEDANCES
TRONOX PARCEL H INVESTIGATION
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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	% Recovery	Limit	QL	Check Qualifier	Final Qualifier
TSB-HJ-04-0	F8A250221004	SW6020	02/06/08	Calcium	48000	mg/kg	335.9,411.7	75-125	545	J+	J+
TSB-HJ-04-0	F8A250221004	SW6020	02/01/08	Chromium (Total)	8.9	mg/kg	144.1,134.7	75-125	2.2	J+	J+
TSB-HJ-04-0	F8A250221004	SW6020	02/01/08	Lead	7.3	mg/kg	150.5	75-125	0.65	J+	J+
TSB-HJ-04-0	F8A250221004	SW6020	02/05/08	Magnesium	7480	mg/kg	160.5	75-125	545	J+	J+
TSB-HJ-04-0	F8A250221004	SW6020	02/01/08	Niobium	<5.5	mg/kg	190.9,186.9	75-125	5.5	J+	UJ
TSB-HJ-04-0	F8A250221004	SW6020	02/05/08	Phosphorus (as P)	1360	mg/kg	31.3,62.5	75-125	545	J-	J-
TSB-HJ-04-0	F8A250221004	SW6020	02/01/08	Silicon	116	mg/kg	281.6,225.0	75-125	54.5	J+	J+
TSB-HJ-04-0	F8A250221004	SW6020	02/01/08	Strontium	168	mg/kg	169.6,160.2	75-125	1.1	J+	J+
TSB-HJ-04-0	F8A250221004	SW6020	02/01/08	Vanadium	32.8	mg/kg	146.9,137.0	75-125	2.2	J+	J+
TSB-HJ-04-0	F8A250221004	SW6020	02/01/08	Zinc	27.9	mg/kg	131.4	75-125	4.4	J+	J+
TSB-HJ-04-0	F8A250221004	SW9071B	02/05/08	Oil & Grease (HEM)	< 218	mg/kg	71	75-125	218	UJ	UJ
TSB-HJ-04-10	F8A250221006	SW6020	02/01/08	Antimony	< 1.3	mg/kg	60.6,54.7	75-125	1.3	UJ	UJ
TSB-HJ-04-10	F8A250221006	SW6020	02/01/08	Barium	167	mg/kg	173.6,150.6	75-125	5.3	J+	J+
TSB-HJ-04-10	F8A250221006	SW6020	02/06/08	Calcium	29100	mg/kg	335.9,411.7	75-125	532	J+	J+
TSB-HJ-04-10	F8A250221006	SW6020	02/01/08	Chromium (Total)	11.4	mg/kg	144.1,134.7	75-125	2.7	J+	J+
TSB-HJ-04-10	F8A250221006	SW6020	02/01/08	Lead	6.8	mg/kg	150.5	75-125	0.8	J+	J+
TSB-HJ-04-10	F8A250221006	SW6020	02/05/08	Magnesium	17000	mg/kg	160.5	75-125	266	J+	J+
TSB-HJ-04-10	F8A250221006	SW6020	02/01/08	Niobium	<6.7	mg/kg	190.9,186.9	75-125	6.7	J+	UJ
TSB-HJ-04-10	F8A250221006	SW6020	02/05/08	Phosphorus (as P)	857	mg/kg	31.3,62.5	75-125	266	J-	J-
TSB-HJ-04-10	F8A250221006	SW6020	02/01/08	Silicon	126	mg/kg	281.6,225.0	75-125	66.5	J+	J+
TSB-HJ-04-10	F8A250221006	SW6020	02/01/08	Strontium	346	mg/kg	169.6,160.2	75-125	1.3	J+	J+
TSB-HJ-04-10	F8A250221006	SW6020	02/01/08	Vanadium	38.7	mg/kg	146.9,137.0	75-125	2.7	J+	J+
TSB-HJ-04-10	F8A250221006	SW6020	02/01/08	Zinc	30.6	mg/kg	131.4	75-125	5.3	J+	J+
TSB-HJ-04-10	F8A250221006	SW9071B	02/05/08	Oil & Grease (HEM)	< 213	mg/kg	71	75-125	213	UJ	UJ
TSB-HJ-05-0	F8A250221002	SW6020	02/01/08	Antimony	< 1.1	mg/kg	60.6,54.7	75-125	1.1	UJ	UJ
TSB-HJ-05-0	F8A250221002	SW6020	02/01/08	Barium	154	mg/kg	173.6,150.6	75-125	4.2	J+	J+
TSB-HJ-05-0	F8A250221002	SW6020	02/06/08	Calcium	14000	mg/kg	335.9,411.7	75-125	262	J+	J+
TSB-HJ-05-0	F8A250221002	SW6020	02/01/08	Chromium (Total)	10.8	mg/kg	144.1,134.7	75-125	2.1	J+	J+
TSB-HJ-05-0	F8A250221002	SW6020	02/01/08	Lead	8	mg/kg	150.5	75-125	0.63	J+	J+
TSB-HJ-05-0	F8A250221002	SW6020	02/05/08	Magnesium	8100	mg/kg	160.5	75-125	262	J+	J+
TSB-HJ-05-0	F8A250221002	SW6020	02/01/08	Niobium	5.7	mg/kg	190.9,186.9	75-125	5.3	J+	J+
TSB-HJ-05-0	F8A250221002	SW6020	02/05/08	Phosphorus (as P)	1550	mg/kg	31.3,62.5	75-125	262	J-	J-

TABLE 2-6
SUMMARY OF DATA QUALIFIED DUE TO MS/MSD RECOVERY EXCEEDANCES
TRONOX PARCEL H INVESTIGATION
JANUARY 2008
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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	% Recovery	Limit	QL	Check Qualifier	Final Qualifier
TSB-HJ-05-0	F8A250221002	SW6020	02/01/08	Silicon	125	mg/kg	281.6,225.0	75-125	52.5	J+	J+
TSB-HJ-05-0	F8A250221002	SW6020	02/01/08	Strontium	132	mg/kg	169.6,160.2	75-125	1.1	J+	J+
TSB-HJ-05-0	F8A250221002	SW6020	02/01/08	Vanadium	36.6	mg/kg	146.9,137.0	75-125	2.1	J+	J+
TSB-HJ-05-0	F8A250221002	SW6020	02/01/08	Zinc	30.5	mg/kg	131.4	75-125	4.2	J+	J+
TSB-HJ-05-0	F8A250221002	SW9071B	02/05/08	Oil & Grease (HEM)	< 210	mg/kg	71	75-125	210	UJ	UJ
TSB-HJ-05-10	F8A250221001	SW6020	02/01/08	Antimony	< 1.3	mg/kg	60.6,54.7	75-125	1.3	UJ	UJ
TSB-HJ-05-10	F8A250221001	SW6020	02/01/08	Barium	198	mg/kg	173.6,150.6	75-125	5.4	J+	J+
TSB-HJ-05-10	F8A250221001	SW6020	02/06/08	Calcium	28800	mg/kg	335.9,411.7	75-125	535	J+	J+
TSB-HJ-05-10	F8A250221001	SW6020	02/01/08	Chromium (Total)	8.7	mg/kg	144.1,134.7	75-125	2.7	J+	J+
TSB-HJ-05-10	F8A250221001	SW6020	02/01/08	Lead	7.1	mg/kg	150.5	75-125	0.8	J+	J+
TSB-HJ-05-10	F8A250221001	SW6020	02/05/08	Magnesium	10500	mg/kg	160.5	75-125	535	J+	J+
TSB-HJ-05-10	F8A250221001	SW6020	02/01/08	Niobium	11.7	mg/kg	190.9,186.9	75-125	6.7	J+	J+
TSB-HJ-05-10	F8A250221001	SW6020	02/05/08	Phosphorus (as P)	1480	mg/kg	31.3,62.5	75-125	535	J-	J-
TSB-HJ-05-10	F8A250221001	SW6020	02/01/08	Silicon	251	mg/kg	281.6,225.0	75-125	66.9	J+	J+
TSB-HJ-05-10	F8A250221001	SW6020	02/01/08	Strontium	287	mg/kg	169.6,160.2	75-125	1.3	J+	J+
TSB-HJ-05-10	F8A250221001	SW6020	02/01/08	Vanadium	39.3	mg/kg	146.9,137.0	75-125	2.7	J+	J+
TSB-HJ-05-10	F8A250221001	SW6020	02/01/08	Zinc	32.4	mg/kg	131.4	75-125	5.4	J+	J+
TSB-HJ-05-10	F8A250221001	SW9071B	02/05/08	Oil & Grease (HEM)	< 214	mg/kg	71	75-125	214	UJ	UJ
TSB-HJ-07-0	F8A250221011	SW6020	02/01/08	Antimony	< 1.1	mg/kg	60.6,54.7	75-125	1.1	UJ	UJ
TSB-HJ-07-0	F8A250221011	SW6020	02/01/08	Barium	121	mg/kg	173.6,150.6	75-125	4.3	J+	J+
TSB-HJ-07-0	F8A250221011	SW6020	02/06/08	Calcium	29900	mg/kg	335.9,411.7	75-125	541	J+	J
TSB-HJ-07-0	F8A250221011	SW6020	02/01/08	Chromium (Total)	8.2	mg/kg	144.1,134.7	75-125	2.2	J+	J+
TSB-HJ-07-0	F8A250221011	SW6020	02/01/08	Lead	6.6	mg/kg	150.5	75-125	0.65	J+	J+
TSB-HJ-07-0	F8A250221011	SW6020	02/05/08	Magnesium	9270	mg/kg	160.5	75-125	541	J+	J+
TSB-HJ-07-0	F8A250221011	SW6020	02/01/08	Niobium	<5.4	mg/kg	190.9,186.9	75-125	5.4	J+	UJ
TSB-HJ-07-0	F8A250221011	SW6020	02/05/08	Phosphorus (as P)	1350	mg/kg	31.3,62.5	75-125	541	J-	J-
TSB-HJ-07-0	F8A250221011	SW6020	02/01/08	Silicon	98.9	mg/kg	281.6,225.0	75-125	54.1	J+	J
TSB-HJ-07-0	F8A250221011	SW6020	02/01/08	Strontium	157	mg/kg	169.6,160.2	75-125	1.1	J+	J+
TSB-HJ-07-0	F8A250221011	SW6020	02/01/08	Vanadium	32.1	mg/kg	146.9,137.0	75-125	2.2	J+	J+
TSB-HJ-07-0	F8A250221011	SW6020	02/01/08	Zinc	24.2	mg/kg	131.4	75-125	4.3	J+	J+
TSB-HJ-07-0	F8A250221011	SW9071B	02/05/08	Oil & Grease (HEM)	< 217	mg/kg	71	75-125	217	UJ	UJ
TSB-HJ-07-0-FD	F8A250221012	SW6020	02/01/08	Antimony	< 1.1	mg/kg	60.6,54.7	75-125	1.1	UJ	UJ

TABLE 2-6
SUMMARY OF DATA QUALIFIED DUE TO MS/MSD RECOVERY EXCEEDANCES
TRONOX PARCEL H INVESTIGATION
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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	% Recovery	Limit	QL	Check Qualifier	Final Qualifier
TSB-HJ-07-0-FD	F8A250221012	SW6020	02/01/08	Barium	198	mg/kg	173.6,150.6	75-125	4.3	J+	J+
TSB-HJ-07-0-FD	F8A250221012	SW6020	02/06/08	Calcium	13600	mg/kg	335.9,411.7	75-125	266	J+	J
TSB-HJ-07-0-FD	F8A250221012	SW6020	02/01/08	Chromium (Total)	9.8	mg/kg	144.1,134.7	75-125	2.1	J+	J+
TSB-HJ-07-0-FD	F8A250221012	SW6020	02/01/08	Lead	10.4	mg/kg	150.5	75-125	0.64	J+	J+
TSB-HJ-07-0-FD	F8A250221012	SW6020	02/05/08	Magnesium	7540	mg/kg	160.5	75-125	266	J+	J+
TSB-HJ-07-0-FD	F8A250221012	SW6020	02/01/08	Niobium	<5.3	mg/kg	190.9,186.9	75-125	5.3	J+	UJ
TSB-HJ-07-0-FD	F8A250221012	SW6020	02/05/08	Phosphorus (as P)	1480	mg/kg	31.3,62.5	75-125	266	J-	J-
TSB-HJ-07-0-FD	F8A250221012	SW6020	02/01/08	Silicon	188	mg/kg	281.6,225.0	75-125	53.1	J+	J
TSB-HJ-07-0-FD	F8A250221012	SW6020	02/01/08	Strontium	189	mg/kg	169.6,160.2	75-125	1.1	J+	J+
TSB-HJ-07-0-FD	F8A250221012	SW6020	02/01/08	Vanadium	40.2	mg/kg	146.9,137.0	75-125	2.1	J+	J+
TSB-HJ-07-0-FD	F8A250221012	SW6020	02/01/08	Zinc	31.8	mg/kg	131.4	75-125	4.3	J+	J+
TSB-HJ-07-0-FD	F8A250221012	SW9071B	02/05/08	Oil & Grease (HEM)	< 212	mg/kg	71	75-125	212	UJ	UJ
TSB-HJ-07-10	F8A250221013	SW6020	02/01/08	Antimony	< 1.1	mg/kg	60.6,54.7	75-125	1.1	UJ	UJ
TSB-HJ-07-10	F8A250221013	SW6020	02/01/08	Barium	162	mg/kg	173.6,150.6	75-125	4.3	J+	J+
TSB-HJ-07-10	F8A250221013	SW6020	02/06/08	Calcium	36400	mg/kg	335.9,411.7	75-125	537	J+	J+
TSB-HJ-07-10	F8A250221013	SW6020	02/01/08	Chromium (Total)	6.1	mg/kg	144.1,134.7	75-125	2.2	J+	J+
TSB-HJ-07-10	F8A250221013	SW6020	02/01/08	Lead	9.4	mg/kg	150.5	75-125	0.64	J+	J+
TSB-HJ-07-10	F8A250221013	SW6020	02/05/08	Magnesium	10200	mg/kg	160.5	75-125	537	J+	J+
TSB-HJ-07-10	F8A250221013	SW6020	02/01/08	Niobium	<5.4	mg/kg	190.9,186.9	75-125	5.4	J+	UJ
TSB-HJ-07-10	F8A250221013	SW6020	02/05/08	Phosphorus (as P)	1610	mg/kg	31.3,62.5	75-125	537	J-	J-
TSB-HJ-07-10	F8A250221013	SW6020	02/01/08	Silicon	109	mg/kg	281.6,225.0	75-125	53.7	J+	J+
TSB-HJ-07-10	F8A250221013	SW6020	02/01/08	Strontium	228	mg/kg	169.6,160.2	75-125	1.1	J+	J+
TSB-HJ-07-10	F8A250221013	SW6020	02/01/08	Vanadium	35.6	mg/kg	146.9,137.0	75-125	2.2	J+	J+
TSB-HJ-07-10	F8A250221013	SW6020	02/01/08	Zinc	25.1	mg/kg	131.4	75-125	4.3	J+	J+
TSB-HJ-07-10	F8A250221013	SW9071B	02/05/08	Oil & Grease (HEM)	< 215	mg/kg	71	75-125	215	UJ	UJ
TSB-HJ-08-0	F8A290158006	SW6020	02/06/08	Antimony	0.19	mg/kg	54.5,57.9	75-125	1.4	J-	J-
TSB-HJ-08-0	F8A290158006	SW6020	02/06/08	Barium	155	mg/kg	41.2,4.8	75-125	5.4	J-	J-
TSB-HJ-08-0	F8A290158006	SW6020	02/06/08	Magnesium	6950	mg/kg	131	75-125	135	J+	J+
TSB-HJ-08-0	F8A290158006	SW6020	02/06/08	Palladium	0.22	mg/kg	127.7,128.3	75-125	0.54	J+	J+
TSB-HJ-08-0	F8A290158006	SW9071B	02/07/08	Oil & Grease (HEM)	< 216	mg/kg	68	75-125	216	UJ	UJ
TSB-HJ-08-10	F8A290158007	E300	02/05/08	Chloride	86.8	mg/kg	57	85-115	21.6	J-	J-
TSB-HJ-08-10	F8A290158007	E300.0	02/05/08	Chlorine	174	mg/kg	57	85-115	8.6	J-	J-

TABLE 2-6
SUMMARY OF DATA QUALIFIED DUE TO MS/MSD RECOVERY EXCEEDANCES
TRONOX PARCEL H INVESTIGATION
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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	% Recovery	Limit	QL	Check Qualifier	Final Qualifier
TSB-HJ-08-10	F8A290158007	SW6020	02/06/08	Antimony	0.17	mg/kg	54.5,57.9	75-125	1.4	J-	J-
TSB-HJ-08-10	F8A290158007	SW6020	02/06/08	Barium	170	mg/kg	41.2,4.8	75-125	5.4	J-	J-
TSB-HJ-08-10	F8A290158007	SW6020	02/06/08	Magnesium	10100	mg/kg	131	75-125	135	J+	J+
TSB-HJ-08-10	F8A290158007	SW6020	02/06/08	Palladium	0.55	mg/kg	127.7,128.3	75-125	1.4	J+	J+
TSB-HJ-08-10	F8A290158007	SW9071B	02/07/08	Oil & Grease (HEM)	< 216	mg/kg	68	75-125	216	UJ	UJ
TSB-HR-02-10	F8A260143012	SW6020	02/06/08	Palladium	0.47	mg/kg	132.1	75-125	0.53	J+	J+
TSB-HR-02-10	F8A260143012	SW6020	02/06/08	Phosphorus (as P)	1080	mg/kg	61.9,29.6	75-125	265	J-	J-
TSB-HR-02-10	F8A260143012	SW6020	02/06/08	Strontium	220	mg/kg	194.3,170.6	75-125	1.3	J+	J+
TSB-HR-03-0	F8A260143007	SW6020	02/05/08	Chromium (Total)	8.2	mg/kg	126.3	75-125	2.7	J+	J+
TSB-HR-03-0	F8A260143007	SW6020	02/06/08	Palladium	0.32	mg/kg	132.1	75-125	0.53	J+	J+
TSB-HR-03-0	F8A260143007	SW6020	02/06/08	Phosphorus (as P)	1890	mg/kg	61.9,29.6	75-125	265	J-	J-
TSB-HR-03-0	F8A260143007	SW6020	02/05/08	Strontium	137	mg/kg	194.3,170.6	75-125	1.3	J+	J+
TSB-HR-03-10	F8A260143008	SW6020	02/05/08	Chromium (Total)	10.3	mg/kg	126.3	75-125	2.7	J+	J+
TSB-HR-03-10	F8A260143008	SW6020	02/06/08	Palladium	0.5	mg/kg	132.1	75-125	1.1	J+	J+
TSB-HR-03-10	F8A260143008	SW6020	02/06/08	Phosphorus (as P)	1440	mg/kg	61.9,29.6	75-125	529	J-	J-
TSB-HR-03-10	F8A260143008	SW6020	02/05/08	Strontium	278	mg/kg	194.3,170.6	75-125	1.3	J+	J+
TSB-HJ-01-0	F8A260143018	SW6020	02/06/08	Antimony	0.2	mg/kg	55.6,59.1,60.8,57.1	75-125	1.3	J-	J-
TSB-HJ-01-0	F8A260143018	SW6020	02/06/08	Barium	180	mg/kg	208.4,128.1,142.2,139.2	75-125	5.2	J+	J+
TSB-HJ-01-0	F8A260143018	SW6020	02/06/08	Silicon	530	mg/kg	25.3	75-125	65.5	J-	J-
TSB-HJ-01-0	F8A260143018	SW9071B	02/06/08	Oil & Grease (HEM)	< 210	mg/kg	62,71	75-125	210	UJ	UJ
TSB-HJ-01-10	F8A260143001	E300	02/01/08	Sulfate	526	mg/kg	44	75-125	53.3	J-	J-
TSB-HJ-01-10	F8A260143001	SW6020	02/05/08	Antimony	0.17	mg/kg	55.6,59.1,60.8,57.1	75-125	1.3	J-	J-
TSB-HJ-01-10	F8A260143001	SW6020	02/05/08	Barium	149	mg/kg	208.4,128.1,142.2,139.2	75-125	5.3	J+	J+
TSB-HJ-01-10	F8A260143001	SW6020	02/05/08	Niobium	9.4	mg/kg	159.2,187.4,159.6,159.8	75-125	6.7	J+	J+
TSB-HJ-01-10	F8A260143001	SW6020	02/05/08	Silicon	494	mg/kg	25.3	75-125	66.7	J-	J-
TSB-HJ-10-0	F8A290158001	SW6020	02/06/08	Antimony	< 1.3	mg/kg	54.5,57.9	75-125	1.3	UJ	UJ
TSB-HJ-10-0	F8A290158001	SW6020	02/06/08	Barium	134	mg/kg	41.2,4.8	75-125	5.3	J-	J-
TSB-HJ-10-0	F8A290158001	SW6020	02/06/08	Magnesium	7870	mg/kg	131	75-125	132	J+	J+
TSB-HJ-10-0	F8A290158001	SW6020	02/06/08	Niobium	8.5	mg/kg	169.4,210.0	75-125	6.6	J+	J+
TSB-HJ-10-0	F8A290158001	SW6020	02/06/08	Palladium	0.35	mg/kg	127.7,128.3	75-125	0.53	J+	J+
TSB-HJ-10-0	F8A290158001	SW9071B	02/07/08	Oil & Grease (HEM)	< 212	mg/kg	68	75-125	212	UJ	UJ
TSB-HJ-10-10	F8A290158002	SW6020	02/06/08	Antimony	0.17	mg/kg	54.5,57.9	75-125	1.3	J-	J-

TABLE 2-6
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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	% Recovery	Limit	QL	Check Qualifier	Final Qualifier
TSB-HJ-10-10	F8A290158002	SW6020	02/06/08	Barium	140	mg/kg	41.2,4.8	75-125	5.2	J-	J-
TSB-HJ-10-10	F8A290158002	SW6020	02/06/08	Magnesium	8500	mg/kg	131	75-125	131	J+	J+
TSB-HJ-10-10	F8A290158002	SW6020	02/06/08	Niobium	<6.6	mg/kg	169.4,210.0	75-125	6.6	J+	UJ
TSB-HJ-10-10	F8A290158002	SW6020	02/06/08	Palladium	0.76	mg/kg	127.7,128.3	75-125	1.1	J+	J+
TSB-HJ-10-10	F8A290158002	SW9071B	02/07/08	Oil & Grease (HEM)	< 210	mg/kg	68	75-125	210	UJ	UJ
TSB-HJ-01-10	F8A260143001	SW9071B	02/06/08	Oil & Grease (HEM)	< 213	mg/kg	62,71	75-125	213	UJ	UJ
TSB-HJ-02-0	F8A260143009	SW6020	02/05/08	Antimony	0.18	mg/kg	55.6,59.1,60.8,57.1	75-125	1.3	J-	J-
TSB-HJ-02-0	F8A260143009	SW6020	02/05/08	Barium	210	mg/kg	208.4,128.1,142.2,139.2	75-125	5.3	J+	J+
TSB-HJ-02-0	F8A260143009	SW6020	02/05/08	Silicon	352	mg/kg	25.3	75-125	65.6	J-	J-
TSB-HJ-02-0	F8A260143009	SW9071B	02/06/08	Oil & Grease (HEM)	< 210	mg/kg	62,71	75-125	210	UJ	UJ
TSB-HJ-02-10	F8A260143010	E300	02/01/08	Sulfate	120	mg/kg	44	75-125	5.3	J-	J-
TSB-HJ-02-10	F8A260143010	SW6020	02/06/08	Antimony	0.19	mg/kg	55.6,59.1,60.8,57.1	75-125	1.3	J-	J-
TSB-HJ-02-10	F8A260143010	SW6020	02/06/08	Barium	126	mg/kg	208.4,128.1,142.2,139.2	75-125	5.3	J+	J+
TSB-HJ-02-10	F8A260143010	SW6020	02/06/08	Silicon	265	mg/kg	25.3	75-125	66.7	J-	J-
TSB-HJ-02-10	F8A260143010	SW9071B	02/06/08	Oil & Grease (HEM)	< 213	mg/kg	62,71	75-125	213	UJ	UJ
TSB-HJ-03-0	F8A260143004	E300	02/01/08	Sulfate	92.3	mg/kg	44	75-125	5.3	J-	J-
TSB-HJ-03-0	F8A260143004	SW6020	02/05/08	Antimony	0.24	mg/kg	55.6,59.1,60.8,57.1	75-125	1.3	J-	J-
TSB-HJ-03-0	F8A260143004	SW6020	02/05/08	Barium	158	mg/kg	208.4,128.1,142.2,139.2	75-125	5.3	J+	J+
TSB-HJ-03-0	F8A260143004	SW6020	02/05/08	Niobium	<6.6	mg/kg	159.2,187.4,159.6,159.8	75-125	6.6	J+	UJ
TSB-HJ-03-0	F8A260143004	SW6020	02/05/08	Silicon	431	mg/kg	25.3	75-125	66.4	J-	J-
TSB-HJ-03-0	F8A260143004	SW9071B	02/06/08	Oil & Grease (HEM)	< 213	mg/kg	62,71	75-125	213	UJ	UJ
TSB-HJ-03-0-FD	F8A260143005	SW6020	02/05/08	Antimony	0.16	mg/kg	55.6,59.1,60.8,57.1	75-125	1.3	J-	J-
TSB-HJ-03-0-FD	F8A260143005	SW6020	02/05/08	Barium	133	mg/kg	208.4,128.1,142.2,139.2	75-125	5.2	J+	J+
TSB-HJ-03-0-FD	F8A260143005	SW6020	02/05/08	Silicon	373	mg/kg	25.3	75-125	65.1	J-	J-
TSB-HJ-03-0-FD	F8A260143005	SW9071B	02/06/08	Oil & Grease (HEM)	< 208	mg/kg	62,71	75-125	208	UJ	UJ
TSB-HJ-03-10	F8A260143006	SW6020	02/05/08	Antimony	0.18	mg/kg	55.6,59.1,60.8,57.1	75-125	1.3	J-	J-
TSB-HJ-03-10	F8A260143006	SW6020	02/05/08	Barium	208	mg/kg	208.4,128.1,142.2,139.2	75-125	5.3	J+	J+
TSB-HJ-03-10	F8A260143006	SW6020	02/05/08	Silicon	431	mg/kg	25.3	75-125	66.3	J-	J-
TSB-HJ-03-10	F8A260143006	SW9071B	02/06/08	Oil & Grease (HEM)	< 212	mg/kg	62,71	75-125	212	UJ	UJ
TSB-HJ-09-0	F8A260143002	E300	02/01/08	Sulfate	78.6	mg/kg	44	75-125	5.5	J-	J-
TSB-HJ-09-0	F8A260143002	SW6020	02/05/08	Antimony	0.21	mg/kg	55.6,59.1,60.8,57.1	75-125	1.4	J-	J-
TSB-HJ-09-0	F8A260143002	SW6020	02/05/08	Barium	193	mg/kg	208.4,128.1,142.2,139.2	75-125	5.6	J+	J+

TABLE 2-6
SUMMARY OF DATA QUALIFIED DUE TO MS/MSD RECOVERY EXCEEDANCES
TRONOX PARCEL H INVESTIGATION
JANUARY 2008
BMI INDUSTRIAL COMPLEX
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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	% Recovery	Limit	QL	Check Qualifier	Final Qualifier
TSB-HJ-09-0	F8A260143002	SW6020	02/05/08	Niobium	<6.9	mg/kg	159.2,187.4,159.6,159.8	75-125	6.9	J+	UJ
TSB-HJ-09-0	F8A260143002	SW6020	02/05/08	Silicon	202	mg/kg	25.3	75-125	69.4	J-	J-
TSB-HJ-09-0	F8A260143002	SW9071B	02/06/08	Oil & Grease (HEM)	< 222	mg/kg	62,71	75-125	222	UJ	UJ
TSB-HJ-09-10	F8A260143003	E300	02/01/08	Sulfate	148	mg/kg	44	75-125	5.3	J-	J-
TSB-HJ-09-10	F8A260143003	SW6020	02/05/08	Antimony	0.15	mg/kg	55.6,59.1,60.8,57.1	75-125	1.3	J-	J-
TSB-HJ-09-10	F8A260143003	SW6020	02/05/08	Barium	201	mg/kg	208.4,128.1,142.2,139.2	75-125	5.3	J+	J+
TSB-HJ-09-10	F8A260143003	SW6020	02/05/08	Niobium	<6.6	mg/kg	159.2,187.4,159.6,159.8	75-125	6.6	J+	UJ
TSB-HJ-09-10	F8A260143003	SW6020	02/05/08	Silicon	293	mg/kg	25.3	75-125	66.4	J-	J-
TSB-HJ-09-10	F8A260143003	SW9071B	02/06/08	Oil & Grease (HEM)	< 213	mg/kg	62,71	75-125	213	UJ	UJ
TSB-HJ-11-0	F8A260143013	SW6020	02/06/08	Antimony	0.17	mg/kg	55.6,59.1,60.8,57.1	75-125	1.3	J-	J-
TSB-HJ-11-0	F8A260143013	SW6020	02/06/08	Barium	235	mg/kg	208.4,128.1,142.2,139.2	75-125	5.3	J+	J+
TSB-HJ-11-0	F8A260143013	SW6020	02/06/08	Silicon	435	mg/kg	25.3	75-125	65.6	J-	J-
TSB-HJ-11-0	F8A260143013	SW9071B	02/06/08	Oil & Grease (HEM)	< 210	mg/kg	62,71	75-125	210	UJ	UJ
TSB-HJ-11-10	F8A260143014	SW6020	02/06/08	Antimony	0.15	mg/kg	55.6,59.1,60.8,57.1	75-125	1.3	J-	J-
TSB-HJ-11-10	F8A260143014	SW6020	02/06/08	Barium	198	mg/kg	208.4,128.1,142.2,139.2	75-125	5.3	J+	J+
TSB-HJ-11-10	F8A260143014	SW6020	02/06/08	Silicon	155	mg/kg	25.3	75-125	66.7	J-	J
TSB-HJ-11-10	F8A260143014	SW9071B	02/06/08	Oil & Grease (HEM)	< 213	mg/kg	62,71	75-125	213	UJ	UJ
TSB-HJ-11-10-FD	F8A260143015	SW6020	02/06/08	Antimony	0.17	mg/kg	55.6,59.1,60.8,57.1	75-125	1.3	J-	J-
TSB-HJ-11-10-FD	F8A260143015	SW6020	02/06/08	Barium	179	mg/kg	208.4,128.1,142.2,139.2	75-125	5.3	J+	J+
TSB-HJ-11-10-FD	F8A260143015	SW6020	02/06/08	Silicon	578	mg/kg	25.3	75-125	66.2	J-	J
TSB-HJ-11-10-FD	F8A260143015	SW9071B	02/06/08	Oil & Grease (HEM)	< 212	mg/kg	62,71	75-125	212	UJ	UJ
TSB-HR-01-0	F8A260143016	SW6020	02/06/08	Antimony	0.2	mg/kg	55.6,59.1,60.8,57.1	75-125	1.4	J-	J-
TSB-HR-01-0	F8A260143016	SW6020	02/06/08	Barium	190	mg/kg	208.4,128.1,142.2,139.2	75-125	5.5	J+	J+
TSB-HR-01-0	F8A260143016	SW6020	02/06/08	Silicon	248	mg/kg	25.3	75-125	68.4	J-	J-
TSB-HR-01-0	F8A260143016	SW9071B	02/06/08	Oil & Grease (HEM)	< 219	mg/kg	62,71	75-125	219	UJ	UJ
TSB-HR-01-10	F8A260143017	SW6020	02/06/08	Antimony	0.16	mg/kg	55.6,59.1,60.8,57.1	75-125	1.3	J-	J-
TSB-HR-01-10	F8A260143017	SW6020	02/06/08	Barium	139	mg/kg	208.4,128.1,142.2,139.2	75-125	5.3	J+	J+
TSB-HR-01-10	F8A260143017	SW6020	02/06/08	Silicon	219	mg/kg	25.3	75-125	66	J-	J-
TSB-HR-01-10	F8A260143017	SW9071B	02/06/08	Oil & Grease (HEM)	< 211	mg/kg	62,71	75-125	211	UJ	UJ
TSB-HR-02-0	F8A260143011	SW6020	02/06/08	Antimony	0.18	mg/kg	55.6,59.1,60.8,57.1	75-125	1.3	J-	J-
TSB-HR-02-0	F8A260143011	SW6020	02/06/08	Barium	160	mg/kg	208.4,128.1,142.2,139.2	75-125	5.3	J+	J+
TSB-HR-02-0	F8A260143011	SW6020	02/06/08	Silicon	422	mg/kg	25.3	75-125	65.9	J-	J-

TABLE 2-6
SUMMARY OF DATA QUALIFIED DUE TO MS/MSD RECOVERY EXCEEDANCES
TRONOX PARCEL H INVESTIGATION
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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	% Recovery	Limit	QL	Check Qualifier	Final Qualifier
TSB-HR-02-0	F8A260143011	SW9071B	02/06/08	Oil & Grease (HEM)	< 211	mg/kg	62,71	75-125	211	UJ	UJ
TSB-HR-02-10	F8A260143012	SW6020	02/06/08	Antimony	0.18	mg/kg	55.6,59.1,60.8,57.1	75-125	1.3	J-	J-
TSB-HR-02-10	F8A260143012	SW6020	02/06/08	Barium	159	mg/kg	208.4,128.1,142.2,139.2	75-125	5.3	J+	J+
TSB-HR-02-10	F8A260143012	SW6020	02/06/08	Silicon	156	mg/kg	25.3	75-125	66.2	J-	J-
TSB-HR-02-10	F8A260143012	SW9071B	02/06/08	Oil & Grease (HEM)	< 212	mg/kg	62,71	75-125	212	UJ	UJ
TSB-HR-03-0	F8A260143007	SW6020	02/05/08	Antimony	0.15	mg/kg	55.6,59.1,60.8,57.1	75-125	1.3	J-	J-
TSB-HR-03-0	F8A260143007	SW6020	02/05/08	Barium	132	mg/kg	208.4,128.1,142.2,139.2	75-125	5.3	J+	J+
TSB-HR-03-0	F8A260143007	SW6020	02/05/08	Silicon	419	mg/kg	25.3	75-125	66.2	J-	J-
TSB-HR-03-0	F8A260143007	SW9071B	02/06/08	Oil & Grease (HEM)	< 212	mg/kg	62,71	75-125	212	UJ	UJ
TSB-HR-03-10	F8A260143008	SW6020	02/05/08	Antimony	0.18	mg/kg	55.6,59.1,60.8,57.1	75-125	1.3	J-	J-
TSB-HR-03-10	F8A260143008	SW6020	02/05/08	Barium	178	mg/kg	208.4,128.1,142.2,139.2	75-125	5.3	J+	J+
TSB-HR-03-10	F8A260143008	SW6020	02/05/08	Silicon	300	mg/kg	25.3	75-125	66.1	J-	J-
TSB-HR-03-10	F8A260143008	SW9071B	02/06/08	Oil & Grease (HEM)	< 212	mg/kg	62,71	75-125	212	UJ	UJ
TSB-HR-04-0	F8A250221005	SW6020	02/01/08	Antimony	< 1	mg/kg	60.6,54.7	75-125	1	UJ	UJ
TSB-HR-04-0	F8A250221005	SW6020	02/01/08	Barium	145	mg/kg	173.6,150.6	75-125	4.2	J+	J+
TSB-HR-04-0	F8A250221005	SW6020	02/06/08	Calcium	12600	mg/kg	335.9,411.7	75-125	130	J+	J+
TSB-HR-04-0	F8A250221005	SW6020	02/01/08	Chromium (Total)	10.4	mg/kg	144.1,134.7	75-125	2.1	J+	J+
TSB-HR-04-0	F8A250221005	SW6020	02/01/08	Lead	7	mg/kg	150.5	75-125	0.63	J+	J+
TSB-HR-04-0	F8A250221005	SW6020	02/05/08	Magnesium	7460	mg/kg	160.5	75-125	130	J+	J+
TSB-HR-04-0	F8A250221005	SW6020	02/01/08	Niobium	<5.2	mg/kg	190.9,186.9	75-125	5.2	J+	UJ
TSB-HR-04-0	F8A250221005	SW6020	02/05/08	Phosphorus (as P)	1010	mg/kg	31.3,62.5	75-125	130	J-	J-
TSB-HR-04-0	F8A250221005	SW6020	02/01/08	Silicon	112	mg/kg	281.6,225.0	75-125	52.1	J+	J+
TSB-HR-04-0	F8A250221005	SW6020	02/01/08	Strontium	122	mg/kg	169.6,160.2	75-125	1	J+	J+
TSB-HR-04-0	F8A250221005	SW6020	02/01/08	Vanadium	35.3	mg/kg	146.9,137.0	75-125	2.1	J+	J+
TSB-HR-04-0	F8A250221005	SW6020	02/01/08	Zinc	31.7	mg/kg	131.4	75-125	4.2	J+	J+
TSB-HR-04-0	F8A250221005	SW9071B	02/05/08	Oil & Grease (HEM)	< 209	mg/kg	71	75-125	209	UJ	UJ
TSB-HR-04-10	F8A250221003	SW6020	02/01/08	Antimony	< 1.3	mg/kg	60.6,54.7	75-125	1.3	UJ	UJ
TSB-HR-04-10	F8A250221003	SW6020	02/01/08	Barium	201	mg/kg	173.6,150.6	75-125	5.3	J+	J+
TSB-HR-04-10	F8A250221003	SW6020	02/06/08	Calcium	62200	mg/kg	335.9,411.7	75-125	1330	J+	J+
TSB-HR-04-10	F8A250221003	SW6020	02/01/08	Chromium (Total)	8.4	mg/kg	144.1,134.7	75-125	2.7	J+	J+
TSB-HR-04-10	F8A250221003	SW6020	02/01/08	Lead	5.7	mg/kg	150.5	75-125	0.8	J+	J+
TSB-HR-04-10	F8A250221003	SW6020	02/05/08	Magnesium	13500	mg/kg	160.5	75-125	1330	J+	J+
TSB-HR-04-10	F8A250221003	SW6020	02/01/08	Niobium	<6.6	mg/kg	190.9,186.9	75-125	6.6	J+	UJ

TABLE 2-6
SUMMARY OF DATA QUALIFIED DUE TO MS/MSD RECOVERY EXCEEDANCES
TRONOX PARCEL H INVESTIGATION
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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	% Recovery	Limit	QL	Check Qualifier	Final Qualifier
TSB-HR-04-10	F8A250221003	SW6020	02/05/08	Phosphorus (as P)	1330	mg/kg	31.3,62.5	75-125	1330	J-	J-
TSB-HR-04-10	F8A250221003	SW6020	02/01/08	Silicon	128	mg/kg	281.6,225.0	75-125	66.3	J+	J+
TSB-HR-04-10	F8A250221003	SW6020	02/01/08	Strontium	500	mg/kg	169.6,160.2	75-125	1.3	J+	J+
TSB-HR-04-10	F8A250221003	SW6020	02/01/08	Vanadium	32.1	mg/kg	146.9,137.0	75-125	2.7	J+	J+
TSB-HR-04-10	F8A250221003	SW6020	02/01/08	Zinc	25.7	mg/kg	131.4	75-125	5.3	J+	J+
TSB-HR-04-10	F8A250221003	SW9071B	02/05/08	Oil & Grease (HEM)	< 212	mg/kg	71	75-125	212	UJ	UJ
TSB-HR-05-0	F8A290158008	E300	02/05/08	Chloride	11.2	mg/kg	57	85-115	2.2	J-	J-
TSB-HR-05-0	F8A290158008	E300.0	02/05/08	Chlorine	22.4	mg/kg	57	85-115	0.87	J-	J-
TSB-HR-05-0	F8A290158008	SW6020	02/06/08	Antimony	< 5.4	mg/kg	54.5,57.9	75-125	5.4	UJ	UJ
TSB-HR-05-0	F8A290158008	SW6020	02/06/08	Barium	97.2	mg/kg	41.2,4.8	75-125	21.8	J-	J-
TSB-HR-05-0	F8A290158008	SW6020	02/06/08	Magnesium	6110	mg/kg	131	75-125	544	J+	J+
TSB-HR-05-0	F8A290158008	SW9071B	02/07/08	Oil & Grease (HEM)	< 218	mg/kg	68	75-125	218	UJ	UJ
TSB-HR-05-10	F8A290158009	SW6020	02/06/08	Antimony	0.18	mg/kg	54.5,57.9	75-125	1.3	J-	J-
TSB-HR-05-10	F8A290158009	SW6020	02/06/08	Barium	275	mg/kg	41.2,4.8	75-125	5.4	J-	J-
TSB-HR-05-10	F8A290158009	SW6020	02/06/08	Magnesium	9790	mg/kg	131	75-125	134	J+	J+
TSB-HR-05-10	F8A290158009	SW6020	02/07/08	Palladium	0.73	mg/kg	127.7,128.3	75-125	0.54	J+	J+
TSB-HR-05-10	F8A290158009	SW9071B	02/07/08	Oil & Grease (HEM)	< 214	mg/kg	68	75-125	214	UJ	UJ
TSB-HR-06-0	F8A290158003	SW6020	02/06/08	Antimony	0.16	mg/kg	54.5,57.9	75-125	1.3	J-	J-
TSB-HJ-06-0_RE	F8A250221009	SW6020	02/01/08	Antimony	< 1.1	mg/kg	60.6,54.7	75-125	1.1	UJ	UJ
TSB-HR-06-0	F8A290158003	SW6020	02/06/08	Barium	161	mg/kg	41.2,4.8	75-125	5.2	J-	J-
TSB-HJ-06-0_RE	F8A250221009	SW6020	02/01/08	Barium	159	mg/kg	173.6,150.6	75-125	4.4	J+	J+
TSB-HJ-06-0_RE	F8A250221009	SW6020	02/06/08	Calcium	18400	mg/kg	335.9,411.7	75-125	277	J+	J+
TSB-HJ-06-0_RE	F8A250221009	SW6020	02/01/08	Chromium (Total)	10.4	mg/kg	144.1,134.7	75-125	2.2	J+	J+
TSB-HJ-06-0_RE	F8A250221009	SW6020	02/01/08	Lead	11.4	mg/kg	150.5	75-125	0.67	J+	J+
TSB-HR-06-0	F8A290158003	SW6020	02/06/08	Magnesium	9570	mg/kg	131	75-125	131	J+	J+
TSB-HJ-06-0_RE	F8A250221009	SW6020	02/05/08	Magnesium	7100	mg/kg	160.5	75-125	277	J+	J+
TSB-HR-06-0	F8A290158003	SW6020	02/06/08	Niobium	<6.5	mg/kg	169.4,210.0	75-125	6.5	J+	UJ
TSB-HJ-06-0_RE	F8A250221009	SW6020	02/01/08	Niobium	<5.5	mg/kg	190.9,186.9	75-125	5.5	J+	UJ
TSB-HR-06-0	F8A290158003	SW6020	02/06/08	Palladium	0.22	mg/kg	127.7,128.3	75-125	0.52	J+	J+
TSB-HJ-06-0_RE	F8A250221009	SW6020	02/05/08	Phosphorus (as P)	1540	mg/kg	31.3,62.5	75-125	277	J-	J-
TSB-HJ-06-0_RE	F8A250221009	SW6020	02/01/08	Silicon	144	mg/kg	281.6,225.0	75-125	55.4	J+	J+
TSB-HJ-06-0_RE	F8A250221009	SW6020	02/01/08	Strontium	128	mg/kg	169.6,160.2	75-125	1.1	J+	J+

TABLE 2-6
SUMMARY OF DATA QUALIFIED DUE TO MS/MSD RECOVERY EXCEEDANCES
TRONOX PARCEL H INVESTIGATION
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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	% Recovery	Limit	QL	Check Qualifier	Final Qualifier
TSB-HJ-06-0_RE	F8A250221009	SW6020	02/01/08	Vanadium	39.7	mg/kg	146.9,137.0	75-125	2.2	J+	J+
TSB-HJ-06-0_RE	F8A250221009	SW6020	02/01/08	Zinc	32.4	mg/kg	131.4	75-125	4.4	J+	J+
TSB-HR-06-0	F8A290158003	SW9071B	02/07/08	Oil & Grease (HEM)	< 209	mg/kg	68	75-125	209	UJ	UJ
TSB-HJ-06-0_RE	F8A250221009	SW9071B	02/05/08	Oil & Grease (HEM)	< 222	mg/kg	71	75-125	222	UJ	UJ
TSB-HR-06-0-FD	F8A290158004	SW6020	02/06/08	Antimony	0.15	mg/kg	54.5,57.9	75-125	1.4	J-	J-
TSB-HR-06-0-FD	F8A290158004	SW6020	02/06/08	Barium	110	mg/kg	41.2,4.8	75-125	5.4	J-	J-
TSB-HR-06-0-FD	F8A290158004	SW6020	02/06/08	Magnesium	9060	mg/kg	131	75-125	135	J+	J+
TSB-HR-06-0-FD	F8A290158004	SW6020	02/06/08	Palladium	0.21	mg/kg	127.7,128.3	75-125	0.54	J+	J+
TSB-HR-06-0-FD	F8A290158004	SW9071B	02/07/08	Oil & Grease (HEM)	< 216	mg/kg	68	75-125	216	UJ	UJ
TSB-HJ-06-10_RE	F8A250221010	SW6020	02/01/08	Antimony	< 1.1	mg/kg	60.6,54.7	75-125	1.1	UJ	UJ
TSB-HR-06-10	F8A290158005	SW6020	02/06/08	Antimony	0.16	mg/kg	54.5,57.9	75-125	1.3	J-	J-
TSB-HR-06-10	F8A290158005	SW6020	02/06/08	Barium	168	mg/kg	41.2,4.8	75-125	5.3	J-	J-
TSB-HJ-06-10_RE	F8A250221010	SW6020	02/01/08	Barium	172	mg/kg	173.6,150.6	75-125	4.4	J+	J+
TSB-HJ-06-10_RE	F8A250221010	SW6020	02/06/08	Calcium	47500	mg/kg	335.9,411.7	75-125	545	J+	J+
TSB-HJ-06-10_RE	F8A250221010	SW6020	02/01/08	Chromium (Total)	9.1	mg/kg	144.1,134.7	75-125	2.2	J+	J+
TSB-HJ-06-10_RE	F8A250221010	SW6020	02/01/08	Lead	7.1	mg/kg	150.5	75-125	0.65	J+	J+
TSB-HR-06-10	F8A290158005	SW6020	02/06/08	Magnesium	9500	mg/kg	131	75-125	133	J+	J+
TSB-HJ-06-10_RE	F8A250221010	SW6020	02/05/08	Magnesium	8450	mg/kg	160.5	75-125	545	J+	J+
TSB-HJ-06-10_RE	F8A250221010	SW6020	02/01/08	Niobium	<5.5	mg/kg	190.9,186.9	75-125	5.5	J+	UJ
TSB-HR-06-10	F8A290158005	SW6020	02/06/08	Palladium	0.48	mg/kg	127.7,128.3	75-125	1.1	J+	J+
TSB-HJ-06-10_RE	F8A250221010	SW6020	02/05/08	Phosphorus (as P)	1120	mg/kg	31.3,62.5	75-125	545	J-	J-
TSB-HJ-06-10_RE	F8A250221010	SW6020	02/01/08	Silicon	108	mg/kg	281.6,225.0	75-125	54.5	J+	J+
TSB-HJ-06-10_RE	F8A250221010	SW6020	02/01/08	Strontium	241	mg/kg	169.6,160.2	75-125	1.1	J+	J+
TSB-HJ-06-10_RE	F8A250221010	SW6020	02/01/08	Vanadium	34.8	mg/kg	146.9,137.0	75-125	2.2	J+	J+
TSB-HJ-06-10_RE	F8A250221010	SW6020	02/01/08	Zinc	26.4	mg/kg	131.4	75-125	4.4	J+	J+
TSB-HJ-06-10_RE	F8A250221010	SW9071B	02/05/08	Oil & Grease (HEM)	< 218	mg/kg	71	75-125	218	UJ	UJ
TSB-HR-06-10	F8A290158005	SW9071B	02/07/08	Oil & Grease (HEM)	< 212	mg/kg	68	75-125	212	UJ	UJ
TSB-HR-07-0	F8A250221007	SW6020	02/01/08	Antimony	< 1.1	mg/kg	60.6,54.7	75-125	1.1	UJ	UJ
TSB-HR-07-0	F8A250221007	SW6020	02/01/08	Barium	149	mg/kg	173.6,150.6	75-125	4.3	J+	J+
TSB-HR-07-0	F8A250221007	SW6020	02/06/08	Calcium	29400	mg/kg	335.9,411.7	75-125	536	J+	J+
TSB-HR-07-0	F8A250221007	SW6020	02/01/08	Chromium (Total)	11.1	mg/kg	144.1,134.7	75-125	2.1	J+	J+
TSB-HR-07-0	F8A250221007	SW6020	02/01/08	Lead	7.8	mg/kg	150.5	75-125	0.64	J+	J+
TSB-HR-07-0	F8A250221007	SW6020	02/05/08	Magnesium	8560	mg/kg	160.5	75-125	268	J+	J+

TABLE 2-6
SUMMARY OF DATA QUALIFIED DUE TO MS/MSD RECOVERY EXCEEDANCES
TRONOX PARCEL H INVESTIGATION
JANUARY 2008
BMI INDUSTRIAL COMPLEX
CLARK COUNTY, NEVADA
(Page 12 of 13)

Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	% Recovery	Limit	QL	Check Qualifier	Final Qualifier
TSB-HR-07-0	F8A250221007	SW6020	02/01/08	Niobium	<5.4	mg/kg	190.9,186.9	75-125	5.4	J+	UJ
TSB-HR-07-0	F8A250221007	SW6020	02/05/08	Phosphorus (as P)	1150	mg/kg	31.3,62.5	75-125	268	J-	J-
TSB-HR-07-0	F8A250221007	SW6020	02/01/08	Silicon	120	mg/kg	281.6,225.0	75-125	53.6	J+	J+
TSB-HR-07-0	F8A250221007	SW6020	02/01/08	Strontium	169	mg/kg	169.6,160.2	75-125	1.1	J+	J+
TSB-HR-07-0	F8A250221007	SW6020	02/01/08	Vanadium	37.9	mg/kg	146.9,137.0	75-125	2.1	J+	J+
TSB-HR-07-0	F8A250221007	SW6020	02/01/08	Zinc	29.6	mg/kg	131.4	75-125	4.3	J+	J+
TSB-HR-07-0	F8A250221007	SW9071B	02/05/08	Oil & Grease (HEM)	< 214	mg/kg	71	75-125	214	UJ	UJ
TSB-HR-07-10	F8A250221008	SW6020	02/01/08	Antimony	< 1.4	mg/kg	60.6,54.7	75-125	1.4	UJ	UJ
TSB-HR-07-10	F8A250221008	SW6020	02/01/08	Barium	179	mg/kg	173.6,150.6	75-125	5.4	J+	J+
TSB-HR-07-10	F8A250221008	SW6020	02/06/08	Calcium	31300	mg/kg	335.9,411.7	75-125	539	J+	J+
TSB-HR-07-10	F8A250221008	SW6020	02/01/08	Chromium (Total)	9.9	mg/kg	144.1,134.7	75-125	2.7	J+	J+
TSB-HR-07-10	F8A250221008	SW6020	02/01/08	Lead	8.2	mg/kg	150.5	75-125	0.81	J+	J+
TSB-HR-07-10	F8A250221008	SW6020	02/05/08	Magnesium	15400	mg/kg	160.5	75-125	539	J+	J+
TSB-HR-07-10	F8A250221008	SW6020	02/01/08	Niobium	<6.7	mg/kg	190.9,186.9	75-125	6.7	J+	UJ
TSB-HR-07-10	F8A250221008	SW6020	02/05/08	Phosphorus (as P)	1290	mg/kg	31.3,62.5	75-125	539	J-	J-
TSB-HR-07-10	F8A250221008	SW6020	02/01/08	Silicon	115	mg/kg	281.6,225.0	75-125	67.4	J+	J+
TSB-HR-07-10	F8A250221008	SW6020	02/01/08	Strontium	433	mg/kg	169.6,160.2	75-125	1.4	J+	J+
TSB-HR-07-10	F8A250221008	SW6020	02/01/08	Vanadium	37	mg/kg	146.9,137.0	75-125	2.7	J+	J+
TSB-HR-07-10	F8A250221008	SW6020	02/01/08	Zinc	28.9	mg/kg	131.4	75-125	5.4	J+	J+
TSB-HR-07-10	F8A250221008	SW9071B	02/05/08	Oil & Grease (HEM)	< 216	mg/kg	71	75-125	216	UJ	UJ
TSB-HR-08-0	F8A250221014	SW6020	02/01/08	Antimony	< 1.1	mg/kg	60.6,54.7	75-125	1.1	UJ	UJ
TSB-HR-08-0	F8A250221014	SW6020	02/01/08	Barium	101	mg/kg	173.6,150.6	75-125	4.3	J+	J+
TSB-HR-08-0	F8A250221014	SW6020	02/06/08	Calcium	9910	mg/kg	335.9,411.7	75-125	265	J+	J+
TSB-HR-08-0	F8A250221014	SW6020	02/01/08	Chromium (Total)	7.4	mg/kg	144.1,134.7	75-125	2.1	J+	J+
TSB-HR-08-0	F8A250221014	SW6020	02/01/08	Lead	7.5	mg/kg	150.5	75-125	0.64	J+	J+
TSB-HR-08-0	F8A250221014	SW6020	02/05/08	Magnesium	9300	mg/kg	160.5	75-125	265	J+	J+
TSB-HR-08-0	F8A250221014	SW6020	02/01/08	Niobium	<5.3	mg/kg	190.9,186.9	75-125	5.3	J+	UJ
TSB-HR-08-0	F8A250221014	SW6020	02/05/08	Phosphorus (as P)	1940	mg/kg	31.3,62.5	75-125	265	J-	J-
TSB-HR-08-0	F8A250221014	SW6020	02/01/08	Silicon	122	mg/kg	281.6,225.0	75-125	53.1	J+	J+
TSB-HR-08-0	F8A250221014	SW6020	02/01/08	Strontium	77.1	mg/kg	169.6,160.2	75-125	1.1	J+	J+
TSB-HR-08-0	F8A250221014	SW6020	02/01/08	Vanadium	28.6	mg/kg	146.9,137.0	75-125	2.1	J+	J+

TABLE 2-6
SUMMARY OF DATA QUALIFIED DUE TO MS/MSD RECOVERY EXCEEDANCES
TRONOX PARCEL H INVESTIGATION
JANUARY 2008
BMI INDUSTRIAL COMPLEX
CLARK COUNTY, NEVADA
(Page 13 of 13)

Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	% Recovery	Limit	QL	Check Qualifier	Final Qualifier
TSB-HR-08-0	F8A250221014	SW6020	02/01/08	Zinc	27.5	mg/kg	131.4	75-125	4.3	J+	J+
TSB-HR-08-0	F8A250221014	SW9071B	02/05/08	Oil & Grease (HEM)	< 212	mg/kg	71	75-125	212	UJ	UJ
TSB-HR-08-10	F8A250221015	SW6020	02/01/08	Antimony	< 1.1	mg/kg	60.6,54.7	75-125	1.1	UJ	UJ
TSB-HR-08-10	F8A250221015	SW6020	02/01/08	Barium	188	mg/kg	173.6,150.6	75-125	4.4	J+	J+
TSB-HR-08-10	F8A250221015	SW6020	02/06/08	Calcium	27700	mg/kg	335.9,411.7	75-125	547	J+	J+
TSB-HR-08-10	F8A250221015	SW6020	02/01/08	Chromium (Total)	9.1	mg/kg	144.1,134.7	75-125	2.2	J+	J+
TSB-HR-08-10	F8A250221015	SW6020	02/01/08	Lead	7.3	mg/kg	150.5	75-125	0.66	J+	J+
TSB-HR-08-10	F8A250221015	SW6020	02/05/08	Magnesium	10400	mg/kg	160.5	75-125	547	J+	J+
TSB-HR-08-10	F8A250221015	SW6020	02/01/08	Niobium	<5.5	mg/kg	190.9,186.9	75-125	5.5	J+	UJ
TSB-HR-08-10	F8A250221015	SW6020	02/05/08	Phosphorus (as P)	1220	mg/kg	31.3,62.5	75-125	547	J-	J-
TSB-HR-08-10	F8A250221015	SW6020	02/01/08	Silicon	124	mg/kg	281.6,225.0	75-125	54.7	J+	J+
TSB-HR-08-10	F8A250221015	SW6020	02/01/08	Strontium	332	mg/kg	169.6,160.2	75-125	1.1	J+	J+
TSB-HR-08-10	F8A250221015	SW6020	02/01/08	Vanadium	39.3	mg/kg	146.9,137.0	75-125	2.2	J+	J+
TSB-HR-08-10	F8A250221015	SW6020	02/01/08	Zinc	28.1	mg/kg	131.4	75-125	4.4	J+	J+
TSB-HR-08-10	F8A250221015	SW9071B	02/05/08	Oil & Grease (HEM)	< 219	mg/kg	71	75-125	219	UJ	UJ

ID- Identification

J - estimated value.

UJ - non-detect estimated quantitation limit

mg/kg - milligram 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 PARCEL H INVESTIGATION
JANUARY 2008
BMI INDUSTRIAL COMPLEX
CLARK COUNTY, NEVADA
(Page 1 of 2)

Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	% Recovery	Limits	QL	Check Qualifier	Final Qualifier
RINSATE-1	F8A260143023	SW6020	2/5/2008	Niobium	<25	ug/l	116.3	85-115	25	J+	UJ
RINSATE-1	F8A260143023	SW6020	02/05/08	Tungsten	<5	ug/l	117.9	85-115	5	J+	UJ
TSB-HJ-01-0	F8A260143018	SW6020	02/06/08	Palladium	0.23	mg/kg	131.1	80-120	0.52	J+	J+
TSB-HJ-01-10	F8A260143001	SW6020	02/06/08	Palladium	0.6	mg/kg	131.1	80-120	1.1	J+	J+
TSB-HJ-02-0	F8A260143009	SW6020	02/06/08	Palladium	0.39	mg/kg	131.1	80-120	1.1	J+	J+
TSB-HJ-02-10	F8A260143010	SW6020	02/06/08	Palladium	0.51	mg/kg	131.1	80-120	1.1	J+	J+
TSB-HJ-03-0	F8A260143004	SW6020	02/06/08	Palladium	0.26	mg/kg	131.1	80-120	0.53	J+	J+
TSB-HJ-03-0-FD	F8A260143005	SW6020	02/06/08	Palladium	0.22	mg/kg	131.1	80-120	1	J+	J+
TSB-HJ-03-10	F8A260143006	SW6020	02/06/08	Palladium	0.53	mg/kg	131.1	80-120	1.1	J+	J+
TSB-HJ-04-0	F8A250221004	SW6020	02/05/08	Palladium	0.35	mg/kg	120.5	80-120	1.1	J+	J+
TSB-HJ-04-10	F8A250221006	SW6020	02/05/08	Palladium	0.84	mg/kg	120.5	80-120	0.53	J+	J+
TSB-HJ-05-0	F8A250221002	SW6020	02/05/08	Palladium	0.27	mg/kg	120.5	80-120	0.53	J+	J+
TSB-HJ-05-10	F8A250221001	SW6020	02/05/08	Palladium	0.66	mg/kg	120.5	80-120	1.1	J+	J+
TSB-HJ-07-0	F8A250221011	SW6020	02/05/08	Palladium	0.33	mg/kg	120.5	80-120	1.1	J+	J+
TSB-HJ-07-0-FD	F8A250221012	SW6020	02/05/08	Palladium	0.42	mg/kg	120.5	80-120	0.53	J+	J+
TSB-HJ-07-10	F8A250221013	SW6020	02/05/08	Palladium	0.46	mg/kg	120.5	80-120	1.1	J+	J+
TSB-HJ-09-0	F8A260143002	SW6020	02/06/08	Palladium	0.47	mg/kg	131.1	80-120	0.56	J+	J+
TSB-HJ-09-10	F8A260143003	SW6020	02/06/08	Palladium	0.51	mg/kg	131.1	80-120	0.53	J+	J+
TSB-HJ-11-0	F8A260143013	SW6020	02/06/08	Palladium	0.33	mg/kg	131.1	80-120	0.26	J+	J+
TSB-HJ-11-10	F8A260143014	SW6020	02/06/08	Palladium	0.58	mg/kg	131.1	80-120	1.3	J+	J+
TSB-HJ-11-10-FD	F8A260143015	SW6020	02/06/08	Palladium	0.55	mg/kg	131.1	80-120	0.53	J+	J+
TSB-HR-01-0	F8A260143016	SW6020	02/06/08	Palladium	0.39	mg/kg	131.1	80-120	0.55	J+	J+
TSB-HR-01-10	F8A260143017	SW6020	02/06/08	Palladium	0.42	mg/kg	131.1	80-120	0.26	J+	J+
TSB-HR-02-0	F8A260143011	SW6020	02/06/08	Palladium	0.31	mg/kg	131.1	80-120	0.53	J+	J+
TSB-HR-02-10	F8A260143012	SW6020	02/06/08	Palladium	0.47	mg/kg	131.1	80-120	0.53	J+	J+
TSB-HR-03-0	F8A260143007	SW6020	02/06/08	Palladium	0.32	mg/kg	131.1	80-120	0.53	J+	J+
TSB-HR-03-10	F8A260143008	SW6020	02/06/08	Palladium	0.5	mg/kg	131.1	80-120	1.1	J+	J+
TSB-HR-04-0	F8A250221005	SW6020	02/05/08	Palladium	0.25	mg/kg	120.5	80-120	0.26	J+	J+
TSB-HR-04-10	F8A250221003	SW6020	02/05/08	Palladium	1	mg/kg	120.5	80-120	2.7	J+	J+
TSB-HJ-06-0_RE	F8A250221009	SW6020	02/05/08	Palladium	0.31	mg/kg	120.5	80-120	0.55	J+	J+
TSB-HJ-06-10_RE	F8A250221010	SW6020	02/05/08	Palladium	0.43	mg/kg	120.5	80-120	1.1	J+	J+
TSB-HR-07-0	F8A250221007	SW6020	02/05/08	Palladium	0.37	mg/kg	120.5	80-120	0.54	J+	J+

TABLE 2-7
SUMMARY OF DATA QUALIFIED DUE TO LCS RECOVERY EXCEEDANCES
TRONOX PARCEL H INVESTIGATION
JANUARY 2008
BMI INDUSTRIAL COMPLEX
CLARK COUNTY, NEVADA
(Page 2 of 2)

Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	% Recovery	Limits	QL	Check Qualifier	Final Qualifier
TSB-HR-07-10	F8A250221008	SW6020	02/05/08	Palladium	0.93	mg/kg	120.5	80-120	1.1	J+	J+
TSB-HR-08-0	F8A250221014	SW6020	02/05/08	Palladium	0.16	mg/kg	120.5	80-120	0.53	J+	J+
TSB-HR-08-10	F8A250221015	SW6020	02/05/08	Palladium	0.85	mg/kg	120.5	80-120	1.1	J+	J+

ID - identification

J - estimated value.

UJ - non-detect estimated quantitation limit

mg/kg- milligrams per kilogram

ug/l- micrograms per liter

QL - quantitation limit

+ Result is biased high

TABLE 2-8
SUMMARY OF DATA QUALIFIED DUE TO FIELD DUPLICATES
TRONOX PARCEL H INVESTIGATION
JANUARY 2008
BMI INDUSTRIAL COMPLEX
CLARK COUNTY, NEVADA
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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	RPD or Difference	Limit	QL	Check Qualifer	Final Qualifier
TSB-HJ-07-0	F8A250221011	SW6020	02/06/08	Calcium	29900	mg/kg	75	≤50	541	J	J
TSB-HJ-07-0-FD	F8A250221012	SW6020	02/06/08	Calcium	13600	mg/kg	75	≤50	266	J	J
TSB-HJ-11-10	F8A260143014	SW6020	02/07/08	Calcium	57400	mg/kg	93	50	667	J	J
TSB-HJ-11-10-FD	F8A260143015	SW6020	2/7/2008	Calcium	20900	mg/kg	93	50	265	J	J
TSB-HJ-03-0	F8A260143004	E300	2/1/2008	Chloride	4.4	mg/kg	3.55	2.1	2.1	J	J
TSB-HJ-03-0-FD	F8A260143005	E300	02/04/08	Chloride	0.85	mg/kg	3.55	2.1	2.1	J	J
TSB-HJ-07-0	F8A250221011	E300	02/01/08	Chloride	18.2	mg/kg	10.5	≤2.2	2.2	J	J
TSB-HJ-07-0-FD	F8A250221012	E300	2/1/2008	Chloride	7.7	mg/kg	10.5	≤2.2	2.1	J	J
TSB-HJ-03-0	F8A260143004	E300.0	02/01/08	Chlorine	8.7	mg/kg	7	4.3	4.3	J	J
TSB-HJ-03-0-FD	F8A260143005	E300.0	02/04/08	Chlorine	1.7	mg/kg	7	4.3	4.2	J	J
TSB-HJ-07-0	F8A250221011	E300.0	02/01/08	Chlorine	36.4	mg/kg	21.1	≤4.3	4.3	J	J
TSB-HJ-07-0-FD	F8A250221012	E300.0	02/01/08	Chlorine	15.3	mg/kg	21.1	≤4.3	4.2	J	J
TSB-HJ-03-0	F8A260143004	E300	02/01/08	Nitrate (as N)	10.3	mg/kg	138	50	0.21	J	J
TSB-HJ-03-0-FD	F8A260143005	E300	02/04/08	Nitrate (as N)	1.9	mg/kg	138	50	0.21	J	J
TSB-HR-06-0	F8A290158003	E300	02/04/08	Nitrate (as N)	0.26	mg/kg	0.42	0.22	0.21	J	J
TSB-HR-06-0-FD	F8A290158004	E300	02/04/08	Nitrate (as N)	0.68	mg/kg	0.42	0.22	0.22	J	J
TSB-HJ-03-0	F8A260143004	E314.0	01/31/08	Perchlorate	19.9	ug/kg	264.1	42.5	42.5	J	J
TSB-HJ-03-0-FD	F8A260143005	E314.0	01/31/08	Perchlorate	284	ug/kg	264.1	42.5	41.7	J	J
TSB-HJ-11-10	F8A260143014	E314.0	01/31/08	Perchlorate	< 42.7	ug/kg	166.4	42.7	42.7	UJ	UJ
TSB-HJ-11-10-FD	F8A260143015	E314.0	01/31/08	Perchlorate	170	ug/kg	166.4	42.7	42.4	J	J
TSB-HJ-07-0	F8A250221011	SW6020	02/01/08	Silicon	98.9	mg/kg	89.1	≤54.1	54.1	J	J
TSB-HJ-07-0-FD	F8A250221012	SW6020	02/01/08	Silicon	188	mg/kg	89.1	≤54.1	53.1	J	J
TSB-HJ-11-10	F8A260143014	SW6020	02/06/08	Silicon	155	mg/kg	423	66.7	66.7	J	J
TSB-HJ-11-10-FD	F8A260143015	SW6020	02/06/08	Silicon	578	mg/kg	423	66.7	66.2	J	J
TSB-HR-06-0	F8A290158003	SW6020	02/06/08	Silicon	194	mg/kg	110.3	67.5	65.2	J	J
TSB-HR-06-0-FD	F8A290158004	SW6020	02/06/08	Silicon	83.7	mg/kg	110.3	67.5	67.5	J	J
TSB-HJ-03-0	F8A260143004	SW6020	02/05/08	Sodium	514	mg/kg	54	50	53.1	J	J
TSB-HJ-03-0-FD	F8A260143005	SW6020	02/05/08	Sodium	295	mg/kg	54	50	52.1	J	J
TSB-HR-06-0	F8A290158003	E300	02/04/08	Sulfate	<5.2	mg/kg	4.8	5.4	5.2	J	UJ

TABLE 2-8
SUMMARY OF DATA QUALIFIED DUE TO FIELD DUPLICATES
TRONOX PARCEL H INVESTIGATION
JANUARY 2008
BMI INDUSTRIAL COMPLEX
CLARK COUNTY, NEVADA
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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	RPD or Difference	Limit	QL	Check Qualifier	Final Qualifier
TSB-HR-06-0-FD	F8A290158004	E300	02/04/08	Sulfate	15.4	mg/kg	4.8	5.4	5.4	J	J
TSB-HJ-11-10 FD_01/25/2008	KF6FJ1AD	HASL-300 Th Mod	02/22/08	THORIUM-230	1.49E+00	pci/g	68	50	0.1	J	J
TSB-HJ-11-10_01/25/2008	KF6FF1AD	HASL-300 Th Mod	02/22/08	THORIUM-230	3.02E+00	pci/g	68	50	0.1	J	J
TSB-HJ-11-10 FD_01/25/2008	KF6FJ1AA	HASL-300 U Mod	02/22/08	URANIUM-233/234	1.36E+00	pci/g	1.32	1	1	J	J
TSB-HJ-11-10_01/25/2008	KF6FF1AA	HASL-300 U Mod	02/22/08	URANIUM-233/234	2.68E+00	pci/g	1.32	1	1	J	J

ID - identification

RPD - relative percent difference

J - estimated value.

UJ - non-detect estimated quantitation limit

pci/g- picocuries per gram

mg/kg - milligram per kilogram

ug/kg - microgram per kilogram

QL - quantitation limit

TABLE 2-9
SUMMARY OF DATA QUALIFIED DUE FOR LABORATORY DUPLICATES
TRONOX PARCEL H INVESTIGATION
JANUARY 2008
BMI INDUSTRIAL COMPLEX
CLARK COUNTY, NEVADA
(Page 1 of 1)

Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	RPD	Limit	QL	Check Qualifier	Final Qualifier
TSB-HJ-01-10_01/25/2008	KF6EM1AF	EPA 904.0	3/5/2008	RADIUM-228	1.42E+00	pci/g	2.6	2.58	2	J	J
TSB-HJ-02-0_01/25/2008	KF6E11AF	EPA 904.0	3/5/2008	RADIUM-228	1.54E+00	pci/g	2.6	2.58	2	J	J
TSB-HJ-02-10_01/25/2008	KF6E21AJ	EPA 904.0	3/5/2008	RADIUM-228	1.45E+00	pci/g	2.6	2.58	2	J	J
TSB-HJ-03-0 FD_01/25/2008	KF6ET1AF	EPA 904.0	3/5/2008	RADIUM-228	1.57E+00	pci/g	2.6	2.58	2	J	J
TSB-HJ-03-0_01/25/2008	KF6ER1AF	EPA 904.0	3/5/2008	RADIUM-228	1.55E+00	pci/g	2.6	2.58	2	J	J
TSB-HJ-03-10_01/25/2008	KF6EV1AF	EPA 904.0	3/5/2008	RADIUM-228	1.53E+00	pci/g	2.6	2.58	2	J	J
TSB-HJ-07-10_01/24/2008	KF5GG1AF	EPA 904.0	3/5/2008	RADIUM-228	1.33E+00	pci/g	2.6	2.58	2	J	J
TSB-HJ-09-0_01/25/2008	KF6EP1AF	EPA 904.0	3/5/2008	RADIUM-228	1.56E+00	pci/g	2.6	2.58	2	J	J
TSB-HJ-09-10_01/25/2008	KF6EQ1AF	EPA 904.0	3/5/2008	RADIUM-228	1.68E+00	pci/g	2.6	2.58	2	J	J
TSB-HR-02-0_01/25/2008	KF6E51AF	EPA 904.0	3/5/2008	RADIUM-228	2.24E+00	pci/g	2.6	2.58	2	J	J
TSB-HR-03-0_01/25/2008	KF6EW1AF	EPA 904.0	3/5/2008	RADIUM-228	1.05E+00	pci/g	2.6	2.58	2	J	J
TSB-HR-03-10_01/25/2008	KF6E01AF	EPA 904.0	3/5/2008	RADIUM-228	1.21E+00	pci/g	2.6	2.58	2	J	J
TSB-HR-08-10_01/24/2008	KF5GL1AF	EPA 904.0	3/5/2008	RADIUM-228	1.41E+00	pci/g	2.6	2.58	2	J	J

ID - identification

RPD - relative percent difference

J - estimated value

pci/g- picocuries per gram

QL - quantitation limit

TABLE 2-10
SUMMARY OF DATA QUALIFIED DUE TO SURROGATE RECOVERY EXCEEDANCES
TRONOX PARCEL H INVESTIGATION
JANUARY 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	F8A260143023	M8015D	2/1/2008	TPH (as Diesel)	< 0.5	mg/l	46	52-150	0.5	UJ	UJ
TSB-HJ-01-10	F8A260143001	M8015D	2/5/2008	TPH (as Diesel)	< 27	mg/kg	71	73-150	27	UJ	UJ
TSB-HJ-01-10	F8A260143001	M8015D	2/6/2008	TPH (as Diesel)	< 27	mg/kg	66	73-150	27	UJ	X
TSB-HJ-07-0-FD	F8A250221012	SW8015B	1/30/2008	Gasoline Range Organics	< 0.11	mg/kg	8.6	21-146	0.11	R	R
TSB-HJ-09-0	F8A260143002	M8015D	2/5/2008	TPH (as Diesel)	< 28	mg/kg	59	73-150	28	UJ	UJ
TSB-HJ-09-0	F8A260143002	SW8081	2/10/2008	2,4-DDE	14	ug/kg	127	63-117	1.9	J+	J+
TSB-HJ-09-0	F8A260143002	SW8081	2/10/2008	4,4-DDD	3	ug/kg	127	63-117	1.9	J+	X
TSB-HJ-09-0	F8A260143002	SW8081	2/10/2008	4,4-DDE	55	ug/kg	127	63-117	1.9	J+	X
TSB-HJ-09-0	F8A260143002	SW8081	2/10/2008	4,4-DDT	85	ug/kg	127	63-117	1.9	J+	X
TSB-HJ-09-0	F8A260143002	SW8081	2/10/2008	beta-BHC	40	ug/kg	127	63-117	1.9	J+	J+
TSB-HR-03-0	F8A260143007	SW8081	2/10/2008	4,4-DDE	3.6	ug/kg	120	63-117	1.8	J+	J+
TSB-HR-03-0	F8A260143007	SW8081	2/10/2008	4,4-DDT	1.9	ug/kg	120	63-117	1.8	J+	J+
TSB-HR-03-0	F8A260143007	SW8081	2/10/2008	beta-BHC	2	ug/kg	120	63-117	1.8	J+	J+
TSB-HR-05-10	F8A290158009	M8015D	2/7/2008	TPH (as Diesel)	< 27	mg/kg	71	73-150	27	UJ	UJ
TSB-HJ-06-10_RE	F8A250221010	M8015D	2/1/2008	TPH (as Diesel)	< 27	mg/kg	65	73-150	27	UJ	UJ
TSB-HR-08-10	F8A250221015	M8015D	2/1/2008	TPH (as Diesel)	< 27	mg/kg	66	73-150	27	UJ	UJ

ID - identification

J - estimated value.

UJ - non-detect estimated quantitation limit

R - rejected value.

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

mg/kg- milligrams per kilogram

mg/l- milligrams per liter

ug/kg- micrograms per kilogram

QL - quantitation limit

+ Result is biased high

TABLE 2-11
SUMMARY OF DATA QUALIFIED DUE TO CALIBRATION VIOLATIONS
TRONOX PARCEL H INVESTIGATION
JANUARY 2008
BMI INDUSTRIAL COMPLEX
CLARK COUNTY, NEVADA
(Page 1 of 8)

Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	Violation	Limits	QL	Check Qualifier	Final Qualifier
RINSATE-1	F8A260143023	SW6020	2/5/2008	Boron	17.8	ug/l	CCV%R=112.3	90-110%	50	J+	J+
RINSATE-1	F8A260143023	SW6020	2/5/2008	Niobium	<25	ug/l	CCV%R=111.8	90-110%	25	J+	UJ
RINSATE-1	F8A260143023	SW8260	1/30/2008	Dibromomethane	< 1	ug/l	ICAL RRF = 0.04510; CCAL RRF = 0.04735	≥0.05; ≥0.05	1	UJ	UJ
RINSATE-1	F8A260143023	SW8260	2/4/2008	Dibromomethane	< 1	ug/l	ICAL RRF = 0.04510; CCAL RRF = 0.04878	≥0.05; ≥0.05	1	UJ	X
RINSATE-1	F8A260143023	SW8260	1/30/2008	Ethanol	< 250	ug/l	ICAL RRF = 0.00855	≥0.05	250	UJ	UJ
RINSATE-2	F8A290158012	SW6020	2/5/2008	Niobium	<25	ug/l	CCV%R=111.8	90-110%	25	UJ	UJ
TRIP BLANK-TB-0	F8A260143024	SW8260	1/30/2008	Dibromomethane	< 1	ug/l	ICAL RRF = 0.04510; CCAL RRF = 0.04735	≥0.05; ≥0.05	1	UJ	UJ
TRIP BLANK-TB-0	F8A260143024	SW8260	1/30/2008	Ethanol	< 250	ug/l	ICAL RRF = 0.00855	≥0.05	250	UJ	UJ
TSB-HJ-01-0	F8A260143018	SW6020	2/6/2008	Silver	0.12	mg/kg	CCV%R=111.6, 112.7	90-110%	0.52	J+	J+
TSB-HJ-01-0	F8A260143018	SW8260	2/8/2008	Acetonitrile	< 52	ug/kg	CCAL%D=27.60270	%D≤25	52	UJ	UJ
TSB-HJ-01-0	F8A260143018	SW8260	2/8/2008	Ethanol	< 260	ug/kg	ICAL RRF = 0.00366; CCAL RRF = 0.00586	≥0.05; ≥0.05	260	UJ	UJ
TSB-HJ-01-0	F8A260143018	SW8270	2/8/2008	Hydroxymethyl phthalimide	< 350	ug/kg	CCAL%D=26.61142	%D≤25	350	UJ	UJ
TSB-HJ-01-10	F8A260143001	SW6020	2/5/2008	Boron	<26.7	mg/kg	CCV%R=112.3	90-110%	26.7	J+	UJ
TSB-HJ-01-10	F8A260143001	SW6020	2/5/2008	Niobium	9.4	mg/kg	CCV%R=111.8	90-110%	6.7	J+	J+
TSB-HJ-01-10	F8A260143001	SW6020	2/6/2008	Palladium	0.6	mg/kg	CCV%R=111.8, 112.3	90-110%	1.1	J+	J+
TSB-HJ-01-10	F8A260143001	SW6020	2/5/2008	Silver	0.098	mg/kg	CCV%R=112.6	90-110%	0.53	J+	J+
TSB-HJ-01-10	F8A260143001	SW8260	2/7/2008	Acetonitrile	< 53	ug/kg	CCAL%D=27.60270	%D≤25	53	UJ	UJ
TSB-HJ-01-10	F8A260143001	SW8260	2/7/2008	Ethanol	< 270	ug/kg	ICAL RRF = 0.00366; CCAL RRF = 0.00337	≥0.05; ≥0.05	270	UJ	UJ
TSB-HJ-01-10	F8A260143001	SW8270	2/7/2008	Hydroxymethyl phthalimide	< 350	ug/kg	CCAL%D=26.61142	%D≤25	350	UJ	UJ
TSB-HJ-02-0	F8A260143009	SW6020	2/6/2008	Palladium	0.39	mg/kg	CCV%R=112.3	90-110%	1.1	J+	J+
TSB-HJ-02-0	F8A260143009	SW6020	2/5/2008	Silver	0.1	mg/kg	CCV%R=111.6	90-110%	0.53	J+	J+
TSB-HJ-02-0	F8A260143009	SW8260	2/7/2008	Acetonitrile	< 52	ug/kg	CCAL%D=27.60270	%D≤25	52	UJ	UJ
TSB-HJ-02-0	F8A260143009	SW8260	2/7/2008	Ethanol	< 260	ug/kg	ICAL RRF = 0.00366; CCAL RRF = 0.00337	≥0.05; ≥0.05	260	UJ	UJ
TSB-HJ-02-0	F8A260143009	SW8270	2/7/2008	Hydroxymethyl phthalimide	< 350	ug/kg	CCAL%D=26.61142	%D≤25	350	UJ	UJ
TSB-HJ-02-10	F8A260143010	SW6020	2/6/2008	Palladium	0.51	mg/kg	CCV%R=112.3	90-110%	1.1	J+	J+
TSB-HJ-02-10	F8A260143010	SW6020	2/6/2008	Silver	0.13	mg/kg	CCV%R=111.6	90-110%	0.53	J+	J+
TSB-HJ-02-10	F8A260143010	SW8260	2/7/2008	Acetonitrile	< 53	ug/kg	CCAL%D=27.60270	%D≤25	53	UJ	UJ

TABLE 2-11
SUMMARY OF DATA QUALIFIED DUE TO CALIBRATION VIOLATIONS
TRONOX PARCEL H INVESTIGATION
JANUARY 2008
BMI INDUSTRIAL COMPLEX
CLARK COUNTY, NEVADA
(Page 2 of 8)

Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	Violation	Limits	QL	Check Qualifier	Final Qualifier
TSB-HJ-02-10	F8A260143010	SW8260	2/7/2008	Ethanol	< 270	ug/kg	ICAL RRF = 0.00366; CCAL RRF = 0.00337	≥0.05; ≥0.05	270	UJ	UJ
TSB-HJ-02-10	F8A260143010	SW8270	2/7/2008	Hydroxymethyl phthalimide	< 350	ug/kg	CCAL%D=26.61142	%D≤25	350	UJ	UJ
TSB-HJ-03-0	F8A260143004	SW6020	2/6/2008	Palladium	0.26	mg/kg	CCV%R=111.8, 112.3	90-110%	0.53	J+	J+
TSB-HJ-03-0	F8A260143004	SW6020	2/5/2008	Silver	0.093	mg/kg	CCV%R=111.6	90-110%	0.53	J+	J+
TSB-HJ-03-0	F8A260143004	SW8260	2/7/2008	Acetonitrile	< 53	ug/kg	CCAL%D=27.60270	%D≤25	53	UJ	UJ
TSB-HJ-03-0	F8A260143004	SW8260	2/7/2008	Ethanol	< 270	ug/kg	ICAL RRF = 0.00366; CCAL RRF = 0.00337	≥0.05; ≥0.05	270	UJ	UJ
TSB-HJ-03-0	F8A260143004	SW8270	2/7/2008	Hydroxymethyl phthalimide	< 350	ug/kg	CCAL%D=26.61142	%D≤25	350	UJ	UJ
TSB-HJ-03-0-FD	F8A260143005	SW6020	2/6/2008	Palladium	0.22	mg/kg	CCV%R=112.3	90-110%	1	J+	J+
TSB-HJ-03-0-FD	F8A260143005	SW6020	2/5/2008	Silver	0.078	mg/kg	CCV%R=111.6	90-110%	0.52	J+	J+
TSB-HJ-03-0-FD	F8A260143005	SW8260	2/7/2008	Acetonitrile	< 52	ug/kg	CCAL%D=27.60270	%D≤25	52	UJ	UJ
TSB-HJ-03-0-FD	F8A260143005	SW8260	2/7/2008	Ethanol	< 260	ug/kg	ICAL RRF = 0.00366; CCAL RRF = 0.00337	≥0.05; ≥0.05	260	UJ	UJ
TSB-HJ-03-0-FD	F8A260143005	SW8270	2/7/2008	Hydroxymethyl phthalimide	< 340	ug/kg	CCAL%D=26.61142	%D≤25	340	UJ	UJ
TSB-HJ-03-10	F8A260143006	SW6020	2/6/2008	Palladium	0.53	mg/kg	CCV%R=112.3	90-110%	1.1	J+	J+
TSB-HJ-03-10	F8A260143006	SW6020	2/5/2008	Silver	0.1	mg/kg	CCV%R=111.6	90-110%	0.53	J+	J+
TSB-HJ-03-10	F8A260143006	SW8260	2/7/2008	Acetonitrile	< 53	ug/kg	CCAL%D=27.60270	%D≤25	53	UJ	UJ
TSB-HJ-03-10	F8A260143006	SW8260	2/7/2008	Ethanol	< 270	ug/kg	ICAL RRF = 0.00366; CCAL RRF = 0.00337	≥0.05; ≥0.05	270	UJ	UJ
TSB-HJ-03-10	F8A260143006	SW8270	2/7/2008	Hydroxymethyl phthalimide	< 350	ug/kg	CCAL%D=26.61142	%D≤25	350	UJ	UJ
TSB-HJ-04-0	F8A250221004	SW8260	2/5/2008	Acetonitrile	< 54	ug/kg	ICAL RRF = 0.01869; CCAL RRF = 0.01921	≥0.05; ≥0.05	54	UJ	UJ
TSB-HJ-04-0	F8A250221004	SW8260	2/5/2008	Ethanol	< 270	ug/kg	ICAL RRF = 0.00291; CCAL RRF = 0.00259	≥0.05; ≥0.05	270	UJ	UJ
TSB-HJ-04-10	F8A250221006	SW8260	2/5/2008	Acetonitrile	< 53	ug/kg	ICAL RRF = 0.01869; CCAL RRF = 0.01921	≥0.05; ≥0.05	53	UJ	UJ
TSB-HJ-04-10	F8A250221006	SW8260	2/5/2008	Ethanol	< 270	ug/kg	ICAL RRF = 0.00291; CCAL RRF = 0.00259	≥0.05; ≥0.05	270	UJ	UJ
TSB-HJ-05-0	F8A250221002	SW8260	2/5/2008	Acetonitrile	< 52	ug/kg	ICAL RRF = 0.01869; CCAL RRF = 0.01921	≥0.05; ≥0.05	52	UJ	UJ
TSB-HJ-05-0	F8A250221002	SW8260	2/5/2008	Ethanol	< 260	ug/kg	ICAL RRF = 0.00291; CCAL RRF = 0.00259	≥0.05; ≥0.05	260	UJ	UJ

TABLE 2-11
SUMMARY OF DATA QUALIFIED DUE TO CALIBRATION VIOLATIONS
TRONOX PARCEL H INVESTIGATION
JANUARY 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-HJ-05-10	F8A250221001	SW8260	2/5/2008	Acetonitrile	< 54	ug/kg	ICAL RRF = 0.01869; CCAL RRF = 0.01921	≥0.05; ≥0.05	54	UJ	UJ
TSB-HJ-05-10	F8A250221001	SW8260	2/5/2008	Ethanol	< 270	ug/kg	ICAL RRF = 0.00291; CCAL RRF = 0.00259	≥0.05; ≥0.05	270	UJ	UJ
TSB-HJ-06-0_RE	F8A250221009	SW8260	2/5/2008	Acetonitrile	< 55	ug/kg	ICAL RRF = 0.01869; CCAL RRF = 0.01921	≥0.05; ≥0.05	55	UJ	UJ
TSB-HJ-06-0_RE	F8A250221009	SW8260	2/5/2008	Ethanol	< 280	ug/kg	ICAL RRF = 0.00291; CCAL RRF = 0.00259	≥0.05; ≥0.05	280	UJ	UJ
TSB-HJ-06-10_RE	F8A250221010	SW8260	2/5/2008	Acetonitrile	< 54	ug/kg	ICAL RRF = 0.01869; CCAL RRF = 0.01921	≥0.05; ≥0.05	54	UJ	UJ
TSB-HJ-06-10_RE	F8A250221010	SW8260	2/5/2008	Ethanol	< 270	ug/kg	ICAL RRF = 0.00291; CCAL RRF = 0.00259	≥0.05; ≥0.05	270	UJ	UJ
TSB-HJ-07-0	F8A250221011	SW8260	2/5/2008	Acetonitrile	< 54	ug/kg	ICAL RRF = 0.01869; CCAL RRF = 0.01921	≥0.05; ≥0.05	54	UJ	UJ
TSB-HJ-07-0	F8A250221011	SW8260	2/5/2008	Ethanol	< 270	ug/kg	ICAL RRF = 0.00291; CCAL RRF = 0.00259	≥0.05; ≥0.05	270	UJ	UJ
TSB-HJ-07-0-FD	F8A250221012	SW8260	2/7/2008	Acetonitrile	< 53	ug/kg	CCAL %D = 27.60270	≤25	53	UJ	UJ
TSB-HJ-07-0-FD	F8A250221012	SW8260	2/7/2008	Ethanol	< 270	ug/kg	ICAL RRF = 0.00366	≥0.05	270	UJ	UJ
TSB-HJ-07-10	F8A250221013	SW8260	2/5/2008	Acetonitrile	< 54	ug/kg	ICAL RRF = 0.01869; CCAL RRF = 0.01921	≥0.05; ≥0.05	54	UJ	UJ
TSB-HJ-07-10	F8A250221013	SW8260	2/5/2008	Ethanol	< 270	ug/kg	ICAL RRF = 0.00291; CCAL RRF = 0.00259	≥0.05; ≥0.05	270	UJ	UJ
TSB-HJ-08-0	F8A290158006	SW6020	2/6/2008	Palladium	0.22	mg/kg	CCV%R=113.6	90-110%	0.54	J+	J+
TSB-HJ-08-0	F8A290158006	SW6020	2/6/2008	Silver	<0.54	mg/kg	CCV%R=112.7	90-110%	0.54	UJ	UJ
TSB-HJ-08-0	F8A290158006	SW8260	2/11/2008	Ethanol	< 270	ug/kg	CCAL RRF = 0.00649	≥0.05	270	UJ	UJ
TSB-HJ-08-10	F8A290158007	SW6020	2/6/2008	Palladium	0.55	mg/kg	CCV%R=113.6	90-110%	1.4	J+	J+
TSB-HJ-08-10	F8A290158007	SW6020	2/6/2008	Silver	<0.54	mg/kg	CCV%R=112.7	90-110%	0.54	UJ	UJ
TSB-HJ-08-10	F8A290158007	SW8260	2/11/2008	Ethanol	< 270	ug/kg	CCAL RRF = 0.00649	≥0.05	270	UJ	UJ
TSB-HJ-09-0	F8A260143002	SW6020	2/5/2008	Boron	<27.8	mg/kg	CCV%R=112.3	90-110%	27.8	J+	UJ
TSB-HJ-09-0	F8A260143002	SW6020	2/5/2008	Niobium	<6.9	mg/kg	CCV%R=111.8	90-110%	6.9	J+	UJ
TSB-HJ-09-0	F8A260143002	SW6020	2/6/2008	Palladium	0.47	mg/kg	CCV%R=111.8, 112.3	90-110%	0.56	J+	J+
TSB-HJ-09-0	F8A260143002	SW6020	2/5/2008	Silver	0.11	mg/kg	CCV%R=112.6	90-110%	0.56	J+	J+
TSB-HJ-09-0	F8A260143002	SW8081	2/15/2008	4,4-DDT	97	ug/kg	CCAL%D=20.4	%D≤15	19	J+	X

TABLE 2-11
SUMMARY OF DATA QUALIFIED DUE TO CALIBRATION VIOLATIONS
TRONOX PARCEL H INVESTIGATION
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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	Violation	Limits	QL	Check Qualifier	Final Qualifier
TSB-HJ-09-0	F8A260143002	SW8081	2/14/2008	4,4-DDT	84	ug/kg	CCAL%D=20.4	%D≤15	1.9	J+	X
TSB-HJ-09-0	F8A260143002	SW8260	2/7/2008	Acetonitrile	< 55	ug/kg	CCAL%D=27.60270	%D≤25	55	UJ	UJ
TSB-HJ-09-0	F8A260143002	SW8260	2/7/2008	Ethanol	< 280	ug/kg	ICAL RRF = 0.00366; CCAL RRF = 0.00337	≥0.05; ≥0.05	280	UJ	UJ
TSB-HJ-09-0	F8A260143002	SW8270	2/7/2008	Hydroxymethyl phthalimide	< 370	ug/kg	CCAL%D=26.61142	%D≤25	370	UJ	UJ
TSB-HJ-09-10	F8A260143003	SW6020	2/5/2008	Boron	<26.6	mg/kg	CCV%R=112.3	90-110%	26.6	J+	UJ
TSB-HJ-09-10	F8A260143003	SW6020	2/5/2008	Niobium	<6.6	mg/kg	CCV%R=111.8	90-110%	6.6	J+	UJ
TSB-HJ-09-10	F8A260143003	SW6020	2/6/2008	Palladium	0.51	mg/kg	CCV%R=111.8, 112.3	90-110%	0.53	J+	J+
TSB-HJ-09-10	F8A260143003	SW6020	2/5/2008	Silver	0.13	mg/kg	CCV%R=112.6	90-110%	0.53	J+	J+
TSB-HJ-09-10	F8A260143003	SW8260	2/7/2008	Acetonitrile	< 53	ug/kg	CCAL%D=27.60270	%D≤25	53	UJ	UJ
TSB-HJ-09-10	F8A260143003	SW8260	2/7/2008	Ethanol	< 270	ug/kg	ICAL RRF = 0.00366; CCAL RRF = 0.00337	≥0.05; ≥0.05	270	UJ	UJ
TSB-HJ-09-10	F8A260143003	SW8270	2/7/2008	Hydroxymethyl phthalimide	< 350	ug/kg	CCAL%D=26.61142	%D≤25	350	UJ	UJ
TSB-HJ-10-0	F8A290158001	SW6020	2/6/2008	Palladium	0.35	mg/kg	CCV%R=113.6	90-110%	0.53	J+	J+
TSB-HJ-10-0	F8A290158001	SW6020	2/6/2008	Silver	<0.53	mg/kg	CCV%R=112.7	90-110%	0.53	J+	UJ
TSB-HJ-10-0	F8A290158001	SW8260	2/11/2008	Ethanol	< 260	ug/kg	CCAL RRF = 0.00649	≥0.05	260	UJ	UJ
TSB-HJ-10-10	F8A290158002	SW6020	2/6/2008	Palladium	0.76	mg/kg	CCV%R=113.6	90-110%	1.1	J+	J+
TSB-HJ-10-10	F8A290158002	SW6020	2/6/2008	Silver	<0.52	mg/kg	CCV%R=112.7	90-110%	0.52	J+	UJ
TSB-HJ-10-10	F8A290158002	SW8260	2/11/2008	Ethanol	< 260	ug/kg	CCAL RRF = 0.00649	≥0.05	260	UJ	UJ
TSB-HJ-11-0	F8A260143013	SW6020	2/6/2008	Silver	0.097	mg/kg	CCV%R=111.6, 112.7	90-110%	0.53	J+	J+
TSB-HJ-11-0	F8A260143013	SW8260	2/7/2008	Acetonitrile	< 52	ug/kg	CCAL%D=27.60270	%D≤25	52	UJ	UJ
TSB-HJ-11-0	F8A260143013	SW8260	2/7/2008	Ethanol	< 260	ug/kg	ICAL RRF = 0.00366; CCAL RRF = 0.00337	≥0.05; ≥0.05	260	UJ	UJ
TSB-HJ-11-0	F8A260143013	SW8270	2/7/2008	Hydroxymethyl phthalimide	< 350	ug/kg	CCAL%D=26.61142	%D≤25	350	UJ	UJ
TSB-HJ-11-10	F8A260143014	SW6020	2/6/2008	Silver	0.11	mg/kg	CCV%R=111.6, 112.7	90-110%	0.53	J+	J+
TSB-HJ-11-10	F8A260143014	SW8260	2/7/2008	Acetonitrile	< 53	ug/kg	CCAL%D=27.60270	%D≤25	53	UJ	UJ
TSB-HJ-11-10	F8A260143014	SW8260	2/7/2008	Ethanol	< 270	ug/kg	ICAL RRF = 0.00366; CCAL RRF = 0.00337	≥0.05; ≥0.05	270	UJ	UJ
TSB-HJ-11-10	F8A260143014	SW8270	2/8/2008	Hydroxymethyl phthalimide	< 350	ug/kg	CCAL%D=26.61142	%D≤25	350	UJ	UJ
TSB-HJ-11-10-FD	F8A260143015	SW6020	2/6/2008	Silver	0.12	mg/kg	CCV%R=111.6, 112.7	90-110%	0.53	J+	J+
TSB-HJ-11-10-FD	F8A260143015	SW8260	2/8/2008	Acetonitrile	< 53	ug/kg	CCAL%D=27.60270	%D≤25	53	UJ	UJ
TSB-HJ-11-10-FD	F8A260143015	SW8260	2/8/2008	Ethanol	< 260	ug/kg	ICAL RRF = 0.00366; CCAL RRF = 0.00586	≥0.05; ≥0.05	260	UJ	UJ

TABLE 2-11
SUMMARY OF DATA QUALIFIED DUE TO CALIBRATION VIOLATIONS
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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	Violation	Limits	QL	Check Qualifier	Final Qualifier
TSB-HJ-11-10-FD	F8A260143015	SW8270	2/8/2008	Hydroxymethyl phthalimide	< 350	ug/kg	CCAL%D=26.61142	%D≤25	350	UJ	UJ
TSB-HR-01-0	F8A260143016	SW6020	2/6/2008	Silver	0.11	mg/kg	CCV%R=111.6, 112.7	90-110%	0.55	J+	J+
TSB-HR-01-0	F8A260143016	SW8260	2/8/2008	Acetonitrile	< 55	ug/kg	CCAL%D=27.60270	%D≤25	55	UJ	UJ
TSB-HR-01-0	F8A260143016	SW8260	2/8/2008	Ethanol	< 270	ug/kg	ICAL RRF = 0.00366; CCAL RRF = 0.00586	≥0.05; ≥0.05	270	UJ	UJ
TSB-HR-01-0	F8A260143016	SW8270	2/8/2008	Hydroxymethyl phthalimide	< 360	ug/kg	CCAL%D=26.61142	%D≤25	360	UJ	UJ
TSB-HR-01-10	F8A260143017	SW6020	2/6/2008	Silver	0.094	mg/kg	CCV%R=111.6, 112.7	90-110%	0.53	J+	J+
TSB-HR-01-10	F8A260143017	SW8260	2/8/2008	Acetonitrile	< 53	ug/kg	CCAL%D=27.60270	%D≤25	53	UJ	UJ
TSB-HR-01-10	F8A260143017	SW8260	2/8/2008	Ethanol	< 260	ug/kg	ICAL RRF = 0.00366; CCAL RRF = 0.00586	≥0.05; ≥0.05	260	UJ	UJ
TSB-HR-01-10	F8A260143017	SW8270	2/8/2008	Hydroxymethyl phthalimide	< 350	ug/kg	CCAL%D=26.61142	%D≤25	350	UJ	UJ
TSB-HR-02-0	F8A260143011	SW6020	2/6/2008	Palladium	0.31	mg/kg	CCV%R=112.3	90-110%	0.53	J+	J+
TSB-HR-02-0	F8A260143011	SW6020	2/6/2008	Silver	0.081	mg/kg	CCV%R=111.6, 112.7	90-110%	0.53	J+	J+
TSB-HR-02-0	F8A260143011	SW8260	2/7/2008	Acetonitrile	< 53	ug/kg	CCAL%D=27.60270	%D≤25	53	UJ	UJ
TSB-HR-02-0	F8A260143011	SW8260	2/7/2008	Ethanol	< 260	ug/kg	ICAL RRF = 0.00366; CCAL RRF = 0.00337	≥0.05; ≥0.05	260	UJ	UJ
TSB-HR-02-0	F8A260143011	SW8270	2/7/2008	Hydroxymethyl phthalimide	< 350	ug/kg	CCAL%D=26.61142	%D≤25	350	UJ	UJ
TSB-HR-02-10	F8A260143012	SW6020	2/6/2008	Silver	0.097	mg/kg	CCV%R=111.6, 112.7	90-110%	0.53	J+	J+
TSB-HR-02-10	F8A260143012	SW8260	2/7/2008	Acetonitrile	< 53	ug/kg	CCAL%D=27.60270	%D≤25	53	UJ	UJ
TSB-HR-02-10	F8A260143012	SW8260	2/7/2008	Ethanol	< 260	ug/kg	ICAL RRF = 0.00366; CCAL RRF = 0.00337	≥0.05; ≥0.05	260	UJ	UJ
TSB-HR-02-10	F8A260143012	SW8270	2/7/2008	Hydroxymethyl phthalimide	< 350	ug/kg	CCAL%D=26.61142	%D≤25	350	UJ	UJ
TSB-HR-03-0	F8A260143007	SW6020	2/6/2008	Palladium	0.32	mg/kg	CCV%R=112.3	90-110%	0.53	J+	J+
TSB-HR-03-0	F8A260143007	SW6020	2/5/2008	Silver	0.1	mg/kg	CCV%R=111.6	90-110%	0.53	J+	J+
TSB-HR-03-0	F8A260143007	SW8260	2/7/2008	Acetonitrile	< 53	ug/kg	CCAL%D=27.60270	%D≤25	53	UJ	UJ
TSB-HR-03-0	F8A260143007	SW8260	2/7/2008	Ethanol	< 260	ug/kg	ICAL RRF = 0.00366; CCAL RRF = 0.00337	≥0.05; ≥0.05	260	UJ	UJ
TSB-HR-03-0	F8A260143007	SW8270	2/7/2008	Hydroxymethyl phthalimide	< 350	ug/kg	CCAL%D=26.61142	%D≤25	350	UJ	UJ
TSB-HR-03-10	F8A260143008	SW6020	2/6/2008	Palladium	0.5	mg/kg	CCV%R=112.3	90-110%	1.1	J+	J+
TSB-HR-03-10	F8A260143008	SW6020	2/5/2008	Silver	0.1	mg/kg	CCV%R=111.6	90-110%	0.53	J+	J+
TSB-HR-03-10	F8A260143008	SW8260	2/7/2008	Acetonitrile	21	ug/kg	CCAL%D=27.60270	%D≤25	53	J-	J-
TSB-HR-03-10	F8A260143008	SW8260	2/7/2008	Ethanol	< 260	ug/kg	ICAL RRF = 0.00366; CCAL RRF = 0.00337	≥0.05; ≥0.05	260	UJ	UJ

TABLE 2-11
SUMMARY OF DATA QUALIFIED DUE TO CALIBRATION VIOLATIONS
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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	Violation	Limits	QL	Check Qualifier	Final Qualifier
TSB-HR-03-10	F8A260143008	SW8270	2/7/2008	Hydroxymethyl phthalimide	< 350	ug/kg	CCAL%D=26.61142	%D≤25	350	UJ	UJ
TSB-HR-04-0	F8A250221005	SW8260	2/5/2008	Acetonitrile	< 52	ug/kg	ICAL RRF = 0.01869; CCAL RRF = 0.01921	≥0.05; ≥0.05	52	UJ	UJ
TSB-HR-04-0	F8A250221005	SW8260	2/5/2008	Ethanol	< 260	ug/kg	ICAL RRF = 0.00291; CCAL RRF = 0.00259	≥0.05; ≥0.05	260	UJ	UJ
TSB-HR-04-10	F8A250221003	SW8260	2/5/2008	Acetonitrile	< 53	ug/kg	ICAL RRF = 0.01869; CCAL RRF = 0.01921	≥0.05; ≥0.05	53	UJ	UJ
TSB-HR-04-10	F8A250221003	SW8260	2/5/2008	Ethanol	< 270	ug/kg	ICAL RRF = 0.00291; CCAL RRF = 0.00259	≥0.05; ≥0.05	270	UJ	UJ
TSB-HR-05-0	F8A290158008	SW8260	2/11/2008	Ethanol	< 270	ug/kg	CCAL RRF = 0.00649	≥0.05	270	UJ	UJ
TSB-HR-05-10	F8A290158009	SW6020	2/6/2008	Silver	<0.54	mg/kg	CCV%R=112.4	90-110%	0.54	J+	UJ
TSB-HR-05-10	F8A290158009	SW8260	2/11/2008	Ethanol	< 270	ug/kg	CCAL RRF = 0.00649	≥0.05	270	UJ	UJ
TSB-HR-06-0	F8A290158003	SW6020	2/6/2008	Palladium	0.22	mg/kg	CCV%R=113.6	90-110%	0.52	J+	J+
TSB-HR-06-0	F8A290158003	SW6020	2/6/2008	Silver	<0.52	mg/kg	CCV%R=112.7	90-110%	0.52	J+	UJ
TSB-HR-06-0	F8A290158003	SW8260	2/11/2008	Ethanol	< 260	ug/kg	CCAL RRF = 0.00649	≥0.05	260	UJ	UJ
TSB-HR-06-0-FD	F8A290158004	SW6020	2/6/2008	Palladium	0.21	mg/kg	CCV%R=113.6	90-110%	0.54	J+	J+
TSB-HR-06-0-FD	F8A290158004	SW6020	2/6/2008	Silver	<0.54	mg/kg	CCV%R=112.7	90-110%	0.54	J+	UJ
TSB-HR-06-0-FD	F8A290158004	SW8260	2/11/2008	Ethanol	< 270	ug/kg	CCAL RRF = 0.00649	≥0.05	270	UJ	UJ
TSB-HR-06-10	F8A290158005	SW6020	2/6/2008	Palladium	0.48	mg/kg	CCV%R=113.6	90-110%	1.1	J+	J+
TSB-HR-06-10	F8A290158005	SW6020	2/6/2008	Silver	<0.53	mg/kg	CCV%R=112.7	90-110%	0.53	J+	UJ
TSB-HR-06-10	F8A290158005	SW8260	2/11/2008	Ethanol	< 270	ug/kg	CCAL RRF = 0.00649	≥0.05	270	UJ	UJ
TSB-HR-07-0	F8A250221007	SW8260	2/5/2008	Acetonitrile	< 54	ug/kg	ICAL RRF = 0.01869; CCAL RRF = 0.01921	≥0.05; ≥0.05	54	UJ	UJ
TSB-HR-07-0	F8A250221007	SW8260	2/5/2008	Ethanol	< 270	ug/kg	ICAL RRF = 0.00291; CCAL RRF = 0.00259	≥0.05; ≥0.05	270	UJ	UJ
TSB-HR-07-10	F8A250221008	SW8260	2/5/2008	Acetonitrile	< 54	ug/kg	ICAL RRF = 0.01869; CCAL RRF = 0.01921	≥0.05; ≥0.05	54	UJ	UJ
TSB-HR-07-10	F8A250221008	SW8260	2/5/2008	Ethanol	< 270	ug/kg	ICAL RRF = 0.00291; CCAL RRF = 0.00259	≥0.05; ≥0.05	270	UJ	UJ
TSB-HR-08-0	F8A250221014	SW8260	2/5/2008	Acetonitrile	< 53	ug/kg	ICAL RRF = 0.01869; CCAL RRF = 0.01921	≥0.05; ≥0.05	53	UJ	UJ
TSB-HR-08-0	F8A250221014	SW8260	2/5/2008	Ethanol	< 270	ug/kg	ICAL RRF = 0.00291; CCAL RRF = 0.00259	≥0.05; ≥0.05	270	UJ	UJ

TABLE 2-11
SUMMARY OF DATA QUALIFIED DUE TO CALIBRATION VIOLATIONS
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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	Violation	Limits	QL	Check Qualifier	Final Qualifier
TSB-HR-08-10	F8A250221015	SW8260	2/7/2008	Acetonitrile	< 55	ug/kg	CCAL %D = 27.60270	≤25	55	UJ	UJ
TSB-HR-08-10	F8A250221015	SW8260	2/7/2008	Ethanol	< 270	ug/kg	ICAL RRF = 0.00366	≥0.05	270	UJ	UJ
TSB-TB-03-1/25/08	F8A260143021	SW8260	1/30/2008	Dibromomethane	< 1	ug/l	ICAL RRF = 0.04510; CCAL RRF = 0.04735	≥0.05; ≥0.05	1	UJ	UJ
TSB-TB-03-1/25/08	F8A260143021	SW8260	1/30/2008	Ethanol	< 250	ug/l	ICAL RRF = 0.00855	≥0.05	250	UJ	UJ
TSB-TB-03-1/28/08	F8A290158013	SW8260	1/30/2008	Dibromomethane	< 1	ug/l	ICAL RRF = 0.04510; CCAL RRF = 0.04735	≥0.05; ≥0.05	1	UJ	UJ
TSB-TB-03-1/28/08	F8A290158013	SW8260	1/30/2008	Ethanol	< 250	ug/l	ICAL RRF = 0.00855	≥0.05	250	UJ	UJ
TSB-TB-04-1/25/08	F8A260143022	SW8260	1/30/2008	Dibromomethane	< 1	ug/l	ICAL RRF = 0.04510; CCAL RRF = 0.04735	≥0.05; ≥0.05	1	UJ	UJ
TSB-TB-04-1/25/08	F8A260143022	SW8260	1/30/2008	Ethanol	< 250	ug/l	ICAL RRF = 0.00855	≥0.05	250	UJ	UJ
TSB-TB-1	F8A250221018	SW8260	1/30/2008	Dibromomethane	< 1	ug/l	ICAL RRF = 0.04510; CCAL RRF = 0.04735	≥0.05; ≥0.05	1	UJ	UJ
TSB-TB-1	F8A250221018	SW8260	1/30/2008	Ethanol	< 250	ug/l	ICAL RRF = 0.00855	≥0.05	250	UJ	UJ
TSB-TB-1-1/28/08	F8A290158010	SW8260	1/30/2008	Dibromomethane	< 1	ug/l	ICAL RRF = 0.04510; CCAL RRF = 0.04735	≥0.05; ≥0.05	1	UJ	UJ
TSB-TB-1-1/28/08	F8A290158010	SW8260	1/30/2008	Ethanol	< 250	ug/l	ICAL RRF = 0.00855	≥0.05	250	UJ	UJ
TSB-TB-2	F8A250221017	SW8260	1/30/2008	Dibromomethane	< 1	ug/l	ICAL RRF = 0.04510; CCAL RRF = 0.04735	≥0.05; ≥0.05	1	UJ	UJ
TSB-TB-2	F8A250221017	SW8260	1/30/2008	Ethanol	< 250	ug/l	ICAL RRF = 0.00855	≥0.05	250	UJ	UJ
TSB-TB-2-1/25/08	F8A260143020	SW8260	1/30/2008	Dibromomethane	< 1	ug/l	ICAL RRF = 0.04510; CCAL RRF = 0.04735	≥0.05; ≥0.05	1	UJ	UJ
TSB-TB-2-1/25/08	F8A260143020	SW8260	1/30/2008	Ethanol	< 250	ug/l	ICAL RRF = 0.00855	≥0.05	250	UJ	UJ
TSB-TB-2-1/28/08	F8A290158011	SW8260	1/30/2008	Dibromomethane	< 1	ug/l	ICAL RRF = 0.04510; CCAL RRF = 0.04735	≥0.05; ≥0.05	1	UJ	UJ
TSB-TB-2-1/28/08	F8A290158011	SW8260	1/30/2008	Ethanol	< 250	ug/l	ICAL RRF = 0.00855	≥0.05	250	UJ	UJ
TSB-TB-3	F8A250221016	SW8260	1/30/2008	Dibromomethane	< 1	ug/l	ICAL RRF = 0.04510; CCAL RRF = 0.04735	≥0.05; ≥0.05	1	UJ	UJ
TSB-TB-3	F8A250221016	SW8260	1/30/2008	Ethanol	< 250	ug/l	ICAL RRF = 0.00855	≥0.05	250	UJ	UJ

ID - identification

J - estimated value.

UJ - non-detect estimated quantitation limit

TABLE 2-11
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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	Violation	Limits	QL	Check Qualifier	Final Qualifier
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X - removed value; replaced by a more accurate and precise value.

ug/l - micrograms per liter

mg/kg- milligrams per kilogram

ug/kg- micrograms per kilogram

QL - quantitation limit

+ Result is biased high

- Result is biased low

TABLE 2-12
SUMMARY OF DATA QUALIFIED DUE TO CALIBRATION RANGE EXCEEDANCES
TRONOX PARCEL H INVESTIGATION
JANUARY 2008
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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Check Qualifier	Final Qualifier
TSB-HJ-09-0	F8A260143002	SW8081	2/14/2008	4,4-DDE	51	ug/kg	1.9	J	X
TSB-HJ-09-0	F8A260143002	SW8081	2/10/2008	4,4-DDE	55	ug/kg	1.9	J	X
TSB-HJ-09-0	F8A260143002	SW8081	2/14/2008	4,4-DDT	84	ug/kg	1.9	J	X
TSB-HJ-09-0	F8A260143002	SW8081	2/10/2008	4,4-DDT	85	ug/kg	1.9	J	X

ID - identification

J - estimated value.

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

ug/kg - micrograms per kilogram

QL - quantitation limit

TABLE 2-13
SUMMARY OF DATA QUALIFIED DUE TO INTERNAL STANDARD RECOVERY EXCEEDANCES
TRONOX PARCEL H INVESTIGATION
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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-HJ-03-10	F8A260143006	SW8290	2/7/2008	Octachlorodibenzodioxin	< 1.3	pg/g	38	40-135	1.3	UJ	UJ
TSB-HJ-03-10	F8A260143006	SW8290	2/7/2008	Octachlorodibenzofuran	12	pg/g	38	40-135		J	J

ID - identification

J - estimated value.

UJ - non-detect estimated quantitation limit

pg/g- picograms per gram

QL - quantitation limit

TABLE 2-14
SUMMARY OF DATA QUALIFIED DUE FOR SERIAL DILUTIONS
TRONOX PARCEL H INVESTIGATION
JANUARY 2008
BMI INDUSTRIAL COMPLEX
CLARK COUNTY, NEVADA
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Field Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	%D	Limits	QL	Check Qualifier	Final Qualifier
TSB-HJ-08-0	F8A290158006	SW6020	2/6/2008	Manganese	442	mg/kg	10.1	10	1.4	J	J
TSB-HJ-08-0	F8A290158006	SW6020	2/6/2008	Strontium	122	mg/kg	10.5	10	1.4	J	J
TSB-HJ-08-10	F8A290158007	SW6020	2/6/2008	Manganese	264	mg/kg	10.1	10	1.4	J	J
TSB-HJ-08-10	F8A290158007	SW6020	2/6/2008	Strontium	308	mg/kg	10.5	10	1.4	J	J
TSB-HJ-10-0	F8A290158001	SW6020	2/6/2008	Manganese	265	mg/kg	10.1	10	1.3	J	J
TSB-HJ-10-0	F8A290158001	SW6020	2/6/2008	Strontium	160	mg/kg	10.5	10	1.3	J	J
TSB-HJ-10-10	F8A290158002	SW6020	2/6/2008	Manganese	218	mg/kg	10.1	10	1.3	J	J
TSB-HJ-10-10	F8A290158002	SW6020	2/6/2008	Strontium	375	mg/kg	10.5	10	1.3	J	J
TSB-HR-05-0	F8A290158008	SW6020	2/6/2008	Manganese	300	mg/kg	10.1	10	5.4	J	J
TSB-HR-05-0	F8A290158008	SW6020	2/6/2008	Strontium	217	mg/kg	10.5	10	5.4	J	J
TSB-HR-05-10	F8A290158009	SW6020	2/6/2008	Manganese	331	mg/kg	10.1	10	1.3	J	J
TSB-HR-05-10	F8A290158009	SW6020	2/6/2008	Strontium	394	mg/kg	10.5	10	1.3	J	J
TSB-HR-06-0	F8A290158003	SW6020	2/6/2008	Manganese	390	mg/kg	10.1	10	1.3	J	J
TSB-HR-06-0	F8A290158003	SW6020	2/6/2008	Strontium	111	mg/kg	10.5	10	1.3	J	J
TSB-HR-06-0-FD	F8A290158004	SW6020	2/6/2008	Manganese	296	mg/kg	10.1	10	1.4	J	J
TSB-HR-06-0-FD	F8A290158004	SW6020	2/6/2008	Strontium	115	mg/kg	10.5	10	1.4	J	J
TSB-HR-06-10	F8A290158005	SW6020	2/6/2008	Manganese	304	mg/kg	10.1	10	1.3	J	J
TSB-HR-06-10	F8A290158005	SW6020	2/6/2008	Strontium	277	mg/kg	10.5	10	1.3	J	J

ID - identification

J - estimated value.

mg/kg- micrograms per kilogram

QL - quantitation limit

TABLE 3-1
SUMMARY OF QUALIFIED DATA RESULTS
TRONOX PARCEL H INVESTIGATION
JANUARY 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	F8A260143023	E300	1/27/2008	Sulfate	0.067	mg/l	0.5	J	2
RINSATE-1	F8A260143023	M8015D	2/1/2008	TPH (as Diesel)	< 0.5	mg/l	0.5	UJ	8
RINSATE-1	F8A260143023	SW6020	2/5/2008	Aluminum	10.5	ug/l	30	J	2
RINSATE-1	F8A260143023	SW6020	2/5/2008	Boron	17.8	ug/l	50	J+	2,12
RINSATE-1	F8A260143023	SW6020	2/5/2008	Cadmium	<0.5	ug/l	0.5	U	3
RINSATE-1	F8A260143023	SW6020	2/5/2008	Calcium	95	ug/l	100	J	2
RINSATE-1	F8A260143023	SW6020	2/5/2008	Copper	0.26	ug/l	1	J	2
RINSATE-1	F8A260143023	SW6020	2/5/2008	Iron	<50	ug/l	50	U	3
RINSATE-1	F8A260143023	SW6020	2/5/2008	Magnesium	12.5	ug/l	50	J	2
RINSATE-1	F8A260143023	SW6020	2/5/2008	Manganese	0.67	ug/l	2	J	2
RINSATE-1	F8A260143023	SW6020	2/5/2008	Molybdenum	<5	ug/l	5	U	3
RINSATE-1	F8A260143023	SW6020	2/5/2008	Niobium	<25	ug/l	25	UJ	3,5,12
RINSATE-1	F8A260143023	SW6020	2/5/2008	Phosphorus (as P)	19	ug/l	20	J	2
RINSATE-1	F8A260143023	SW6020	2/5/2008	Potassium	13.5	ug/l	100	J	2
RINSATE-1	F8A260143023	SW6020	2/5/2008	Silicon	43.6	ug/l	250	J	2
RINSATE-1	F8A260143023	SW6020	2/5/2008	Sodium	<50	ug/l	50	U	3
RINSATE-1	F8A260143023	SW6020	2/5/2008	Strontium	0.86	ug/l	5	J	2
RINSATE-1	F8A260143023	SW6020	2/5/2008	Thallium	0.73	ug/l	2	J	2
RINSATE-1	F8A260143023	SW6020	2/5/2008	Tin	<2	ug/l	2	U	3
RINSATE-1	F8A260143023	SW6020	2/5/2008	Titanium	<2	ug/l	2	U	3
RINSATE-1	F8A260143023	SW6020	2/5/2008	Tungsten	<5	ug/l	5	UJ	3,5
RINSATE-1	F8A260143023	SW6020	2/5/2008	Zinc	3.2	ug/l	10	J	2
RINSATE-1	F8A260143023	SW8260	1/30/2008	Dibromomethane	< 1	ug/l	1	UJ	12
RINSATE-1	F8A260143023	SW8260	2/4/2008	Dibromomethane	< 1	ug/l	1	X	12
RINSATE-1	F8A260143023	SW8260	1/30/2008	Ethanol	< 250	ug/l	250	UJ	12
RINSATE-2	F8A290158012	E300	1/29/2008	Sulfate	0.1	mg/l	0.5	J	2
RINSATE-2	F8A290158012	SW6020	2/5/2008	Cadmium	<0.5	ug/l	0.5	U	3
RINSATE-2	F8A290158012	SW6020	2/5/2008	Calcium	72.3	ug/l	100	J	2
RINSATE-2	F8A290158012	SW6020	2/5/2008	Iron	32.9	ug/l	50	J	2
RINSATE-2	F8A290158012	SW6020	2/5/2008	Magnesium	9.2	ug/l	50	J	2
RINSATE-2	F8A290158012	SW6020	2/5/2008	Niobium	<25	ug/l	25	UJ	3,12
RINSATE-2	F8A290158012	SW6020	2/5/2008	Sodium	<50	ug/l	50	U	3
RINSATE-2	F8A290158012	SW6020	2/5/2008	Strontium	0.67	ug/l	5	J	2
RINSATE-2	F8A290158012	SW6020	2/5/2008	Tin	<2	ug/l	2	U	3
RINSATE-2	F8A290158012	SW6020	2/5/2008	Titanium	<2	ug/l	2	U	3

TABLE 3-1
SUMMARY OF QUALIFIED DATA RESULTS
TRONOX PARCEL H INVESTIGATION
JANUARY 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-2	F8A290158012	SW6020	2/5/2008	Tungsten	<5	ug/l	5	U	3
RINSATE-2	F8A290158012	SW8260	1/30/2008	Acetone	<8	ug/l	2	U	13
RINSATE-2	F8A290158012	SW8290	2/15/2008	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<50	pg/l	50	U	3
RINSATE-2	F8A290158012	SW8290	2/15/2008	1,2,3,6,7,8-Hexachlorodibenzofuran	<50	pg/l	50	U	3
RINSATE-2	F8A290158012	SW8290	2/15/2008	1,2,3,7,8,9-Hexachlorodibenzofuran	<50	pg/l	50	U	3
RINSATE-2	F8A290158012	SW8290	2/15/2008	Octachlorodibenzodioxin	<100	pg/l	100	U	3
RINSATE-2	F8A290158012	SW8290	2/15/2008	Octachlorodibenzofuran	<100	pg/l	100	U	3
TRIP BLANK-TB-05	F8A260143024	SW8260	1/30/2008	Dibromomethane	< 1	ug/l	1	UJ	12
TRIP BLANK-TB-05	F8A260143024	SW8260	1/30/2008	Dichloromethane	<1	ug/l	1	U	3
TRIP BLANK-TB-05	F8A260143024	SW8260	1/30/2008	Ethanol	< 250	ug/l	250	UJ	12
TSB-HJ-01-0	F8A260143018	E300	2/4/2008	Sulfate	6.5	mg/kg	5.2		
TSB-HJ-01-0	F8A260143018	SW6010	1/30/2008	Lithium	<10.5	mg/kg	10.5	U	3
TSB-HJ-01-0	F8A260143018	SW6020	2/6/2008	Antimony	0.2	mg/kg	1.3	J-	2,4
TSB-HJ-01-0	F8A260143018	SW6020	2/6/2008	Arsenic	2.4	mg/kg	2.6	J	2
TSB-HJ-01-0	F8A260143018	SW6020	2/6/2008	Barium	180	mg/kg	5.2	J+	4
TSB-HJ-01-0	F8A260143018	SW6020	2/6/2008	Chromium (Total)	10.9	mg/kg	2.6	J+	4
TSB-HJ-01-0	F8A260143018	SW6020	2/6/2008	Molybdenum	<1.3	mg/kg	1.3	U	3,13
TSB-HJ-01-0	F8A260143018	SW6020	2/6/2008	Palladium	0.23	mg/kg	0.52	J+	2,4,5
TSB-HJ-01-0	F8A260143018	SW6020	2/6/2008	Phosphorus (as P)	1670	mg/kg	262	J-	4
TSB-HJ-01-0	F8A260143018	SW6020	2/6/2008	Silicon	530	mg/kg	65.5	J-	4
TSB-HJ-01-0	F8A260143018	SW6020	2/6/2008	Silver	0.12	mg/kg	0.52	J+	2,12
TSB-HJ-01-0	F8A260143018	SW6020	2/6/2008	Strontium	129	mg/kg	1.3	J+	4
TSB-HJ-01-0	F8A260143018	SW6020	2/6/2008	Thallium	<0.52	mg/kg	0.52	U	3,13
TSB-HJ-01-0	F8A260143018	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	U	3,13
TSB-HJ-01-0	F8A260143018	SW6020	2/6/2008	Zirconium	24.1	mg/kg	26.2	J	2
TSB-HJ-01-0	F8A260143018	SW7471	1/30/2008	Mercury	16.4	ug/kg	34.9	J	2
TSB-HJ-01-0	F8A260143018	SW8260	2/8/2008	Acetonitrile	< 52	ug/kg	52	UJ	12
TSB-HJ-01-0	F8A260143018	SW8260	2/8/2008	Ethanol	< 260	ug/kg	260	UJ	12
TSB-HJ-01-0	F8A260143018	SW8270	2/8/2008	Hydroxymethyl phthalimide	< 350	ug/kg	350	UJ	12
TSB-HJ-01-0	F8A260143018	SW8270	2/8/2008	Unknown	<24000	ug/kg		U	3
TSB-HJ-01-0	F8A260143018	SW9071B	2/6/2008	Oil & Grease (HEM)	< 210	mg/kg	210	UJ	4
TSB-HJ-01-0_01/25/2008	KF6FM1AJ	EPA 904.0	3/13/2008	RADIUM-228	1.89E+00	pci/g	2	J	2
TSB-HJ-01-10	F8A260143001	E300	2/1/2008	Fluoride	0.92	mg/kg	1.1	J	2
TSB-HJ-01-10	F8A260143001	E300	2/1/2008	Sulfate	526	mg/kg	53.3	J-	4
TSB-HJ-01-10	F8A260143001	M8015D	2/5/2008	TPH (as Diesel)	< 27	mg/kg	27	UJ	8

TABLE 3-1
SUMMARY OF QUALIFIED DATA RESULTS
TRONOX PARCEL H INVESTIGATION
JANUARY 2008
BMI INDUSTRIAL COMPLEX
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Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Qualifier	Reason_Code
TSB-HJ-01-10	F8A260143001	M8015D	2/6/2008	TPH (as Diesel)	< 27	mg/kg	27	X	8
TSB-HJ-01-10	F8A260143001	SW6020	2/5/2008	Antimony	0.17	mg/kg	1.3	J-	2,4
TSB-HJ-01-10	F8A260143001	SW6020	2/5/2008	Barium	149	mg/kg	5.3	J+	4
TSB-HJ-01-10	F8A260143001	SW6020	2/5/2008	Boron	<26.7	mg/kg	26.7	UJ	3,12,13
TSB-HJ-01-10	F8A260143001	SW6020	2/5/2008	Cadmium	<0.13	mg/kg	0.13	U	3,13
TSB-HJ-01-10	F8A260143001	SW6020	2/5/2008	Chromium (Total)	9.9	mg/kg	2.7	J+	4
TSB-HJ-01-10	F8A260143001	SW6020	2/5/2008	Molybdenum	<1.3	mg/kg	1.3	U	3,13
TSB-HJ-01-10	F8A260143001	SW6020	2/5/2008	Niobium	9.4	mg/kg	6.7	J+	3,4,12
TSB-HJ-01-10	F8A260143001	SW6020	2/6/2008	Palladium	0.6	mg/kg	1.1	J+	2,4,5,12
TSB-HJ-01-10	F8A260143001	SW6020	2/6/2008	Phosphorus (as P)	1100	mg/kg	533	J-	4
TSB-HJ-01-10	F8A260143001	SW6020	2/5/2008	Silicon	494	mg/kg	66.7	J-	4
TSB-HJ-01-10	F8A260143001	SW6020	2/5/2008	Silver	0.098	mg/kg	0.53	J+	2,12
TSB-HJ-01-10	F8A260143001	SW6020	2/5/2008	Strontium	253	mg/kg	1.3	J+	4
TSB-HJ-01-10	F8A260143001	SW6020	2/5/2008	Thallium	<0.53	mg/kg	0.53	U	3,13
TSB-HJ-01-10	F8A260143001	SW6020	2/5/2008	Tungsten	<1.3	mg/kg	1.3	U	3,13
TSB-HJ-01-10	F8A260143001	SW6020	2/5/2008	Zirconium	21.8	mg/kg	26.7	J	2
TSB-HJ-01-10	F8A260143001	SW8260	2/7/2008	Acetonitrile	< 53	ug/kg	53	UJ	12
TSB-HJ-01-10	F8A260143001	SW8260	2/7/2008	Dichloromethane	<21	ug/kg	5.3	U	3,13
TSB-HJ-01-10	F8A260143001	SW8260	2/7/2008	Ethanol	< 270	ug/kg	270	UJ	12
TSB-HJ-01-10	F8A260143001	SW8270	2/7/2008	Benzyl butyl phthalate	110	ug/kg	350	J	2
TSB-HJ-01-10	F8A260143001	SW8270	2/7/2008	bis(2-Ethylhexyl) phthalate	69	ug/kg	350	J	2
TSB-HJ-01-10	F8A260143001	SW8270	2/7/2008	Hydroxymethyl phthalimide	< 350	ug/kg	350	UJ	12
TSB-HJ-01-10	F8A260143001	SW8270	2/7/2008	Unknown	<23000	ug/kg		U	3
TSB-HJ-01-10	F8A260143001	SW9071B	2/6/2008	Oil & Grease (HEM)	< 213	mg/kg	213	UJ	4
TSB-HJ-01-10_01/25/2008	KF6EM1AF	EPA 904.0	3/5/2008	RADIUM-228	1.42E+00	pci/g	2	J	2,19
TSB-HJ-01-10_01/25/2008	KF6EM1AA	HASL-300 U Mod	2/22/2008	URANIUM-235/236	8.50E-02	pci/g	1	J	2
TSB-HJ-02-0	F8A260143009	SW6010	1/30/2008	Lithium	<10.5	mg/kg	10.5	U	3
TSB-HJ-02-0	F8A260143009	SW6020	2/5/2008	Antimony	0.18	mg/kg	1.3	J-	2,4
TSB-HJ-02-0	F8A260143009	SW6020	2/5/2008	Arsenic	2.4	mg/kg	2.6	J	2
TSB-HJ-02-0	F8A260143009	SW6020	2/5/2008	Barium	210	mg/kg	5.3	J+	4
TSB-HJ-02-0	F8A260143009	SW6020	2/5/2008	Boron	<26.2	mg/kg	26.2	U	3,13
TSB-HJ-02-0	F8A260143009	SW6020	2/5/2008	Chromium (Total)	12.1	mg/kg	2.6	J+	4
TSB-HJ-02-0	F8A260143009	SW6020	2/5/2008	Molybdenum	<1.3	mg/kg	1.3	U	3,13
TSB-HJ-02-0	F8A260143009	SW6020	2/6/2008	Palladium	0.39	mg/kg	1.1	J+	2,4,5,12
TSB-HJ-02-0	F8A260143009	SW6020	2/6/2008	Phosphorus (as P)	1430	mg/kg	525	J-	4

TABLE 3-1
SUMMARY OF QUALIFIED DATA RESULTS
TRONOX PARCEL H INVESTIGATION
JANUARY 2008
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Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Qualifier	Reason_Code
TSB-HJ-02-0	F8A260143009	SW6020	2/5/2008	Silicon	352	mg/kg	65.6	J-	4
TSB-HJ-02-0	F8A260143009	SW6020	2/5/2008	Silver	0.1	mg/kg	0.53	J+	2,12
TSB-HJ-02-0	F8A260143009	SW6020	2/5/2008	Strontium	215	mg/kg	1.3	J+	4
TSB-HJ-02-0	F8A260143009	SW6020	2/5/2008	Tungsten	<1.3	mg/kg	1.3	U	3,13
TSB-HJ-02-0	F8A260143009	SW6020	2/5/2008	Zirconium	22.4	mg/kg	26.2	J	2
TSB-HJ-02-0	F8A260143009	SW7471	1/30/2008	Mercury	11.9	ug/kg	35	J	2
TSB-HJ-02-0	F8A260143009	SW8260	2/7/2008	Acetonitrile	< 52	ug/kg	52	UJ	12
TSB-HJ-02-0	F8A260143009	SW8260	2/7/2008	Dichloromethane	<12	ug/kg	5.2	U	3,13
TSB-HJ-02-0	F8A260143009	SW8260	2/7/2008	Ethanol	< 260	ug/kg	260	UJ	12
TSB-HJ-02-0	F8A260143009	SW8270	2/7/2008	Hydroxymethyl phthalimide	< 350	ug/kg	350	UJ	12
TSB-HJ-02-0	F8A260143009	SW8270	2/7/2008	Unknown	<24000	ug/kg		U	3
TSB-HJ-02-0	F8A260143009	SW9071B	2/6/2008	Oil & Grease (HEM)	< 210	mg/kg	210	UJ	4
TSB-HJ-02-0_01/25/2008	KF6E11AE	EPA 903.1	3/3/2008	RADIUM-226	8.30E-01	pci/g	1	J	2
TSB-HJ-02-0_01/25/2008	KF6E11AF	EPA 904.0	3/5/2008	RADIUM-228	1.54E+00	pci/g	2	J	2,19
TSB-HJ-02-0_01/25/2008	KF6E11AA	HASL-300 U Mod	2/22/2008	URANIUM-233/234	9.81E-01	pci/g	1	J	2
TSB-HJ-02-0_01/25/2008	KF6E11AA	HASL-300 U Mod	2/22/2008	URANIUM-235/236	3.77E-02	pci/g	1	J	2
TSB-HJ-02-10	F8A260143010	E300	2/1/2008	Fluoride	0.95	mg/kg	1.1	J	2
TSB-HJ-02-10	F8A260143010	E300	2/1/2008	Sulfate	120	mg/kg	5.3	J-	4
TSB-HJ-02-10	F8A260143010	SW6010	1/30/2008	Lithium	<10.7	mg/kg	10.7	U	3
TSB-HJ-02-10	F8A260143010	SW6020	2/6/2008	Antimony	0.19	mg/kg	1.3	J-	2,4
TSB-HJ-02-10	F8A260143010	SW6020	2/6/2008	Barium	126	mg/kg	5.3	J+	4
TSB-HJ-02-10	F8A260143010	SW6020	2/6/2008	Boron	<26.7	mg/kg	26.7	U	3,13
TSB-HJ-02-10	F8A260143010	SW6020	2/6/2008	Cadmium	<0.13	mg/kg	0.13	U	3,13
TSB-HJ-02-10	F8A260143010	SW6020	2/6/2008	Chromium (Total)	10.7	mg/kg	2.7	J+	4
TSB-HJ-02-10	F8A260143010	SW6020	2/6/2008	Molybdenum	<1.3	mg/kg	1.3	U	3,13
TSB-HJ-02-10	F8A260143010	SW6020	2/6/2008	Palladium	0.51	mg/kg	1.1	J+	2,4,5,12
TSB-HJ-02-10	F8A260143010	SW6020	2/6/2008	Phosphorus (as P)	1070	mg/kg	533	J-	4
TSB-HJ-02-10	F8A260143010	SW6020	2/6/2008	Silicon	265	mg/kg	66.7	J-	4
TSB-HJ-02-10	F8A260143010	SW6020	2/6/2008	Silver	0.13	mg/kg	0.53	J+	2,12
TSB-HJ-02-10	F8A260143010	SW6020	2/6/2008	Strontium	243	mg/kg	1.3	J+	4
TSB-HJ-02-10	F8A260143010	SW6020	2/6/2008	Tin	<0.53	mg/kg	0.53	U	3,13
TSB-HJ-02-10	F8A260143010	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	U	3,13
TSB-HJ-02-10	F8A260143010	SW6020	2/6/2008	Zirconium	23.2	mg/kg	26.7	J	2
TSB-HJ-02-10	F8A260143010	SW8260	2/7/2008	Acetone	<21	ug/kg	21	U	13
TSB-HJ-02-10	F8A260143010	SW8260	2/7/2008	Acetonitrile	< 53	ug/kg	53	UJ	12

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-HJ-02-10	F8A260143010	SW8260	2/7/2008	Dichloromethane	<8.8	ug/kg	5.3	U	3,13
TSB-HJ-02-10	F8A260143010	SW8260	2/7/2008	Ethanol	< 270	ug/kg	270	UJ	12
TSB-HJ-02-10	F8A260143010	SW8270	2/7/2008	Hydroxymethyl phthalimide	< 350	ug/kg	350	UJ	12
TSB-HJ-02-10	F8A260143010	SW8270	2/7/2008	Unknown	<25000	ug/kg		U	3
TSB-HJ-02-10	F8A260143010	SW9071B	2/6/2008	Oil & Grease (HEM)	< 213	mg/kg	213	UJ	4
TSB-HJ-02-10_01/25/2008	KF6E21AJ	EPA 904.0	3/5/2008	RADIUM-228	1.45E+00	pci/g	2	J	2,19
TSB-HJ-02-10_01/25/2008	KF6E21AA	HASL-300 U Mod	2/22/2008	URANIUM-235/236	6.07E-02	pci/g	1	J	2
TSB-HJ-03-0	F8A260143004	E300	2/1/2008	Chloride	4.4	mg/kg	2.1	J	17
TSB-HJ-03-0	F8A260143004	E300	2/1/2008	Fluoride	0.6	mg/kg	1.1	J	2
TSB-HJ-03-0	F8A260143004	E300	2/1/2008	Nitrate (as N)	10.3	mg/kg	0.21	J	17
TSB-HJ-03-0	F8A260143004	E300	2/1/2008	Sulfate	92.3	mg/kg	5.3	J-	4
TSB-HJ-03-0	F8A260143004	E300.0	2/1/2008	Chlorine	8.7	mg/kg	4.3	J	17
TSB-HJ-03-0	F8A260143004	E314.0	1/31/2008	Perchlorate	19.9	ug/kg	42.5	J	2,17
TSB-HJ-03-0	F8A260143004	SW6010	1/30/2008	Lithium	<10.6	mg/kg	10.6	U	3
TSB-HJ-03-0	F8A260143004	SW6020	2/5/2008	Antimony	0.24	mg/kg	1.3	J-	2,4
TSB-HJ-03-0	F8A260143004	SW6020	2/5/2008	Arsenic	1.9	mg/kg	2.7	J	2
TSB-HJ-03-0	F8A260143004	SW6020	2/5/2008	Barium	158	mg/kg	5.3	J+	4
TSB-HJ-03-0	F8A260143004	SW6020	2/5/2008	Boron	<26.6	mg/kg	26.6	U	3,13
TSB-HJ-03-0	F8A260143004	SW6020	2/5/2008	Cadmium	<0.13	mg/kg	0.13	U	3,13
TSB-HJ-03-0	F8A260143004	SW6020	2/5/2008	Chromium (Total)	10.5	mg/kg	2.7	J+	4
TSB-HJ-03-0	F8A260143004	SW6020	2/5/2008	Molybdenum	<1.3	mg/kg	1.3	U	3,13
TSB-HJ-03-0	F8A260143004	SW6020	2/5/2008	Niobium	<6.6	mg/kg	6.6	UJ	3,4,13
TSB-HJ-03-0	F8A260143004	SW6020	2/6/2008	Palladium	0.26	mg/kg	0.53	J+	2,4,5,12
TSB-HJ-03-0	F8A260143004	SW6020	2/6/2008	Phosphorus (as P)	1560	mg/kg	266	J-	4
TSB-HJ-03-0	F8A260143004	SW6020	2/5/2008	Silicon	431	mg/kg	66.4	J-	4
TSB-HJ-03-0	F8A260143004	SW6020	2/5/2008	Silver	0.093	mg/kg	0.53	J+	2,12
TSB-HJ-03-0	F8A260143004	SW6020	2/5/2008	Sodium	514	mg/kg	53.1	J	17
TSB-HJ-03-0	F8A260143004	SW6020	2/5/2008	Strontium	125	mg/kg	1.3	J+	4
TSB-HJ-03-0	F8A260143004	SW6020	2/5/2008	Thallium	<0.53	mg/kg	0.53	U	3,13
TSB-HJ-03-0	F8A260143004	SW6020	2/5/2008	Tungsten	<1.3	mg/kg	1.3	U	3,13
TSB-HJ-03-0	F8A260143004	SW6020	2/5/2008	Zirconium	21.1	mg/kg	26.6	J	2
TSB-HJ-03-0	F8A260143004	SW7471	1/30/2008	Mercury	20.4	ug/kg	35.4	J	2
TSB-HJ-03-0	F8A260143004	SW8260	2/7/2008	Acetone	<21	ug/kg	21	U	13
TSB-HJ-03-0	F8A260143004	SW8260	2/7/2008	Acetonitrile	< 53	ug/kg	53	UJ	12
TSB-HJ-03-0	F8A260143004	SW8260	2/7/2008	Dichloromethane	<14	ug/kg	5.3	U	3,13

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-HJ-03-0	F8A260143004	SW8260	2/7/2008	Ethanol	< 270	ug/kg	270	UJ	12
TSB-HJ-03-0	F8A260143004	SW8270	2/7/2008	Hydroxymethyl phthalimide	< 350	ug/kg	350	UJ	12
TSB-HJ-03-0	F8A260143004	SW8270	2/7/2008	Unknown	<20000	ug/kg		U	3
TSB-HJ-03-0	F8A260143004	SW9071B	2/6/2008	Oil & Grease (HEM)	< 213	mg/kg	213	UJ	4
TSB-HJ-03-0 FD_01/25/2008	KF6ET1AF	EPA 904.0	3/5/2008	RADIUM-228	1.57E+00	pci/g	2	J	2,19
TSB-HJ-03-0 FD_01/25/2008	KF6ET1AA	HASL-300 U Mod	2/22/2008	URANIUM-233/234	9.90E-01	pci/g	1	J	2
TSB-HJ-03-0 FD_01/25/2008	KF6ET1AA	HASL-300 U Mod	2/22/2008	URANIUM-235/236	6.24E-02	pci/g	1	J	2
TSB-HJ-03-0_01/25/2008	KF6ER1AF	EPA 904.0	3/5/2008	RADIUM-228	1.55E+00	pci/g	2	J	2,19
TSB-HJ-03-0_01/25/2008	KF6ER1AA	HASL-300 U Mod	2/22/2008	URANIUM-235/236	2.99E-02	pci/g	1	J	2
TSB-HJ-03-0_01/25/2008	KF6ER1AA	HASL-300 U Mod	2/22/2008	URANIUM-238	9.76E-01	pci/g	1	J	2
TSB-HJ-03-0-FD	F8A260143005	E300	2/4/2008	Chloride	0.85	mg/kg	2.1	J	2,17
TSB-HJ-03-0-FD	F8A260143005	E300	2/4/2008	Fluoride	0.7	mg/kg	1	J	2
TSB-HJ-03-0-FD	F8A260143005	E300	2/4/2008	Nitrate (as N)	1.9	mg/kg	0.21	J	17
TSB-HJ-03-0-FD	F8A260143005	E300.0	2/4/2008	Chlorine	1.7	mg/kg	4.2	J	2,17
TSB-HJ-03-0-FD	F8A260143005	E314.0	1/31/2008	Perchlorate	284	ug/kg	41.7	J	17
TSB-HJ-03-0-FD	F8A260143005	SW6020	2/5/2008	Antimony	0.16	mg/kg	1.3	J-	2,4
TSB-HJ-03-0-FD	F8A260143005	SW6020	2/5/2008	Barium	133	mg/kg	5.2	J+	4
TSB-HJ-03-0-FD	F8A260143005	SW6020	2/5/2008	Boron	<26	mg/kg	26	U	3,13
TSB-HJ-03-0-FD	F8A260143005	SW6020	2/5/2008	Cadmium	<0.13	mg/kg	0.13	U	3,13
TSB-HJ-03-0-FD	F8A260143005	SW6020	2/5/2008	Chromium (Total)	7.9	mg/kg	2.6	J+	4
TSB-HJ-03-0-FD	F8A260143005	SW6020	2/5/2008	Molybdenum	<1.3	mg/kg	1.3	U	3,13
TSB-HJ-03-0-FD	F8A260143005	SW6020	2/6/2008	Palladium	0.22	mg/kg	1	J+	2,4,5,12
TSB-HJ-03-0-FD	F8A260143005	SW6020	2/6/2008	Phosphorus (as P)	1350	mg/kg	521	J-	4
TSB-HJ-03-0-FD	F8A260143005	SW6020	2/5/2008	Silicon	373	mg/kg	65.1	J-	4
TSB-HJ-03-0-FD	F8A260143005	SW6020	2/5/2008	Silver	0.078	mg/kg	0.52	J+	2,12
TSB-HJ-03-0-FD	F8A260143005	SW6020	2/5/2008	Sodium	295	mg/kg	52.1	J	17
TSB-HJ-03-0-FD	F8A260143005	SW6020	2/5/2008	Strontium	132	mg/kg	1.3	J+	4
TSB-HJ-03-0-FD	F8A260143005	SW6020	2/5/2008	Thallium	<0.52	mg/kg	0.52	U	3,13
TSB-HJ-03-0-FD	F8A260143005	SW6020	2/5/2008	Tin	<0.52	mg/kg	0.52	U	3,13
TSB-HJ-03-0-FD	F8A260143005	SW6020	2/5/2008	Tungsten	<1.3	mg/kg	1.3	U	3,13
TSB-HJ-03-0-FD	F8A260143005	SW6020	2/5/2008	Zirconium	15.9	mg/kg	26	J	2
TSB-HJ-03-0-FD	F8A260143005	SW7471	1/30/2008	Mercury	21.7	ug/kg	34.7	J	2
TSB-HJ-03-0-FD	F8A260143005	SW8260	2/7/2008	Acetonitrile	< 52	ug/kg	52	UJ	12
TSB-HJ-03-0-FD	F8A260143005	SW8260	2/7/2008	Dichloromethane	<12	ug/kg	5.2	U	3,13
TSB-HJ-03-0-FD	F8A260143005	SW8260	2/7/2008	Ethanol	< 260	ug/kg	260	UJ	12

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-HJ-03-0-FD	F8A260143005	SW8270	2/7/2008	Hydroxymethyl phthalimide	< 340	ug/kg	340	UJ	12
TSB-HJ-03-0-FD	F8A260143005	SW8270	2/7/2008	Unknown	<20000	ug/kg		U	3
TSB-HJ-03-0-FD	F8A260143005	SW9071B	2/6/2008	Oil & Grease (HEM)	< 208	mg/kg	208	UJ	4
TSB-HJ-03-10	F8A260143006	SW6010	1/30/2008	Lithium	<10.6	mg/kg	10.6	U	3
TSB-HJ-03-10	F8A260143006	SW6020	2/5/2008	Antimony	0.18	mg/kg	1.3	J-	2,4
TSB-HJ-03-10	F8A260143006	SW6020	2/5/2008	Barium	208	mg/kg	5.3	J+	4
TSB-HJ-03-10	F8A260143006	SW6020	2/5/2008	Boron	<26.5	mg/kg	26.5	U	3,13
TSB-HJ-03-10	F8A260143006	SW6020	2/5/2008	Cadmium	<0.13	mg/kg	0.13	U	3,13
TSB-HJ-03-10	F8A260143006	SW6020	2/5/2008	Chromium (Total)	11.4	mg/kg	2.7	J+	4
TSB-HJ-03-10	F8A260143006	SW6020	2/5/2008	Molybdenum	<1.3	mg/kg	1.3	U	3,13
TSB-HJ-03-10	F8A260143006	SW6020	2/6/2008	Palladium	0.53	mg/kg	1.1	J+	2,4,5,12
TSB-HJ-03-10	F8A260143006	SW6020	2/6/2008	Phosphorus (as P)	1300	mg/kg	530	J-	4
TSB-HJ-03-10	F8A260143006	SW6020	2/5/2008	Silicon	431	mg/kg	66.3	J-	4
TSB-HJ-03-10	F8A260143006	SW6020	2/5/2008	Silver	0.1	mg/kg	0.53	J+	2,12
TSB-HJ-03-10	F8A260143006	SW6020	2/5/2008	Strontium	262	mg/kg	1.3	J+	4
TSB-HJ-03-10	F8A260143006	SW6020	2/5/2008	Tin	<0.53	mg/kg	0.53	U	3,13
TSB-HJ-03-10	F8A260143006	SW6020	2/5/2008	Tungsten	<1.3	mg/kg	1.3	U	3,13
TSB-HJ-03-10	F8A260143006	SW6020	2/5/2008	Zirconium	24.1	mg/kg	26.5	J	2
TSB-HJ-03-10	F8A260143006	SW8260	2/7/2008	Acetone	<21	ug/kg	21	U	13
TSB-HJ-03-10	F8A260143006	SW8260	2/7/2008	Acetonitrile	< 53	ug/kg	53	UJ	12
TSB-HJ-03-10	F8A260143006	SW8260	2/7/2008	Dichloromethane	<15	ug/kg	5.3	U	3,13
TSB-HJ-03-10	F8A260143006	SW8260	2/7/2008	Ethanol	< 270	ug/kg	270	UJ	12
TSB-HJ-03-10	F8A260143006	SW8270	2/7/2008	Hydroxymethyl phthalimide	< 350	ug/kg	350	UJ	12
TSB-HJ-03-10	F8A260143006	SW8270	2/7/2008	Unknown	<22000	ug/kg		U	3
TSB-HJ-03-10	F8A260143006	SW8290	2/7/2008	Octachlorodibenzodioxin	< 1.3	pg/g	1.3	UJ	14
TSB-HJ-03-10	F8A260143006	SW8290	2/7/2008	Octachlorodibenzofuran	12	pg/g		J	14
TSB-HJ-03-10	F8A260143006	SW9071B	2/6/2008	Oil & Grease (HEM)	< 212	mg/kg	212	UJ	4
TSB-HJ-03-10_01/25/2008	KF6EV1AF	EPA 904.0	3/5/2008	RADIUM-228	1.53E+00	pci/g	2	J	2,19
TSB-HJ-03-10_01/25/2008	KF6EV1AA	HASL-300 U Mod	2/22/2008	URANIUM-235/236	3.02E-02	pci/g	1	J	2
TSB-HJ-04-0	F8A250221004	E300	2/1/2008	Fluoride	1	mg/kg	1.1	J	2
TSB-HJ-04-0	F8A250221004	M8015D	1/31/2008	TPH (as Diesel)	6.6	mg/kg	27	J	2
TSB-HJ-04-0	F8A250221004	SW6010	1/30/2008	Lithium	<21.8	mg/kg	21.8	U	3
TSB-HJ-04-0	F8A250221004	SW6020	2/1/2008	Antimony	< 1.1	mg/kg	1.1	UJ	4
TSB-HJ-04-0	F8A250221004	SW6020	2/1/2008	Arsenic	1.7	mg/kg	2.2	J	2
TSB-HJ-04-0	F8A250221004	SW6020	2/1/2008	Barium	131	mg/kg	4.4	J+	4

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-HJ-04-0	F8A250221004	SW6020	2/5/2008	Beryllium	0.65	mg/kg	1.1	J	2
TSB-HJ-04-0	F8A250221004	SW6020	2/5/2008	Cadmium	<0.55	mg/kg	0.55	U	3
TSB-HJ-04-0	F8A250221004	SW6020	2/6/2008	Calcium	48000	mg/kg	545	J+	4
TSB-HJ-04-0	F8A250221004	SW6020	2/1/2008	Chromium (Total)	8.9	mg/kg	2.2	J+	4
TSB-HJ-04-0	F8A250221004	SW6020	2/1/2008	Lead	7.3	mg/kg	0.65	J+	4
TSB-HJ-04-0	F8A250221004	SW6020	2/5/2008	Magnesium	7480	mg/kg	545	J+	4
TSB-HJ-04-0	F8A250221004	SW6020	2/1/2008	Molybdenum	0.5	mg/kg	1.1	J	2
TSB-HJ-04-0	F8A250221004	SW6020	2/1/2008	Niobium	<5.5	mg/kg	5.5	UJ	3,4
TSB-HJ-04-0	F8A250221004	SW6020	2/5/2008	Palladium	0.35	mg/kg	1.1	J+	2,5
TSB-HJ-04-0	F8A250221004	SW6020	2/5/2008	Phosphorus (as P)	1360	mg/kg	545	J-	4
TSB-HJ-04-0	F8A250221004	SW6020	2/1/2008	Silicon	116	mg/kg	54.5	J+	4
TSB-HJ-04-0	F8A250221004	SW6020	2/1/2008	Strontium	168	mg/kg	1.1	J+	4
TSB-HJ-04-0	F8A250221004	SW6020	2/1/2008	Tin	0.064	mg/kg	0.44	J	2
TSB-HJ-04-0	F8A250221004	SW6020	2/5/2008	Uranium	1.1	mg/kg	1.1	J	2
TSB-HJ-04-0	F8A250221004	SW6020	2/1/2008	Vanadium	32.8	mg/kg	2.2	J+	4
TSB-HJ-04-0	F8A250221004	SW6020	2/1/2008	Zinc	27.9	mg/kg	4.4	J+	4
TSB-HJ-04-0	F8A250221004	SW6020	2/1/2008	Zirconium	20.9	mg/kg	21.8	J	2
TSB-HJ-04-0	F8A250221004	SW8260	2/5/2008	1,2,4-Trimethylbenzene	0.4	ug/kg	5.4	J	2
TSB-HJ-04-0	F8A250221004	SW8260	2/5/2008	Acetonitrile	< 54	ug/kg	54	UJ	12
TSB-HJ-04-0	F8A250221004	SW8260	2/5/2008	Ethanol	< 270	ug/kg	270	UJ	12
TSB-HJ-04-0	F8A250221004	SW8270	2/7/2008	Unknown	<9400	ug/kg		U	3
TSB-HJ-04-0	F8A250221004	SW8290	2/20/2008	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.076	pg/g	5.4	J	2
TSB-HJ-04-0	F8A250221004	SW8290	2/20/2008	Octachlorodibenzodioxin	<11	pg/g	11	U	3
TSB-HJ-04-0	F8A250221004	SW9071B	2/5/2008	Oil & Grease (HEM)	< 218	mg/kg	218	UJ	4
TSB-HJ-04-0_01/24/2008	KF5F01AA	HASL-300 U Mod	2/20/2008	URANIUM-233/234	9.79E-01	pci/g	1	J	2
TSB-HJ-04-0_01/24/2008	KF5F01AA	HASL-300 U Mod	2/20/2008	URANIUM-235/236	5.66E-02	pci/g	1	J	2
TSB-HJ-04-0_01/24/2008	KF5F01AA	HASL-300 U Mod	2/20/2008	URANIUM-238	8.80E-01	pci/g	1	J	2
TSB-HJ-04-10	F8A250221006	E300	2/1/2008	Chlorate	2.2	mg/kg	5.3	J	2
TSB-HJ-04-10	F8A250221006	SW6020	2/1/2008	Antimony	< 1.3	mg/kg	1.3	UJ	4
TSB-HJ-04-10	F8A250221006	SW6020	2/1/2008	Barium	167	mg/kg	5.3	J+	4
TSB-HJ-04-10	F8A250221006	SW6020	2/5/2008	Boron	<53.2	mg/kg	53.2	U	3
TSB-HJ-04-10	F8A250221006	SW6020	2/5/2008	Cadmium	<0.27	mg/kg	0.27	U	3
TSB-HJ-04-10	F8A250221006	SW6020	2/6/2008	Calcium	29100	mg/kg	532	J+	4
TSB-HJ-04-10	F8A250221006	SW6020	2/1/2008	Chromium (Total)	11.4	mg/kg	2.7	J+	4
TSB-HJ-04-10	F8A250221006	SW6020	2/1/2008	Lead	6.8	mg/kg	0.8	J+	4

TABLE 3-1
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Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Qualifier	Reason_Code
TSB-HJ-04-10	F8A250221006	SW6020	2/5/2008	Magnesium	17000	mg/kg	266	J+	4
TSB-HJ-04-10	F8A250221006	SW6020	2/1/2008	Molybdenum	0.53	mg/kg	1.3	J	2
TSB-HJ-04-10	F8A250221006	SW6020	2/1/2008	Niobium	<6.7	mg/kg	6.7	UJ	3,4
TSB-HJ-04-10	F8A250221006	SW6020	2/5/2008	Palladium	0.84	mg/kg	0.53	J+	5
TSB-HJ-04-10	F8A250221006	SW6020	2/5/2008	Phosphorus (as P)	857	mg/kg	266	J-	4
TSB-HJ-04-10	F8A250221006	SW6020	2/1/2008	Silicon	126	mg/kg	66.5	J+	4
TSB-HJ-04-10	F8A250221006	SW6020	2/1/2008	Strontium	346	mg/kg	1.3	J+	4
TSB-HJ-04-10	F8A250221006	SW6020	2/1/2008	Vanadium	38.7	mg/kg	2.7	J+	4
TSB-HJ-04-10	F8A250221006	SW6020	2/1/2008	Zinc	30.6	mg/kg	5.3	J+	4
TSB-HJ-04-10	F8A250221006	SW6020	2/1/2008	Zirconium	24.3	mg/kg	26.6	J	2
TSB-HJ-04-10	F8A250221006	SW7471	1/30/2008	Mercury	33.2	ug/kg	35.5	J	2
TSB-HJ-04-10	F8A250221006	SW8260	2/5/2008	1,2,4-Trimethylbenzene	0.55	ug/kg	5.3	J	2
TSB-HJ-04-10	F8A250221006	SW8260	2/5/2008	Acetone	<21	ug/kg	21	UJ	2,13
TSB-HJ-04-10	F8A250221006	SW8260	2/5/2008	Acetonitrile	< 53	ug/kg	53	UJ	12
TSB-HJ-04-10	F8A250221006	SW8260	2/5/2008	Dichloromethane	3.8	ug/kg	5.3	J	2
TSB-HJ-04-10	F8A250221006	SW8260	2/5/2008	Ethanol	< 270	ug/kg	270	UJ	12
TSB-HJ-04-10	F8A250221006	SW8270	2/7/2008	Unknown	<8300	ug/kg		U	3
TSB-HJ-04-10	F8A250221006	SW8290	2/20/2008	Octachlorodibenzodioxin	<11	pg/g	11	U	3
TSB-HJ-04-10	F8A250221006	SW9071B	2/5/2008	Oil & Grease (HEM)	< 213	mg/kg	213	UJ	4
TSB-HJ-04-10_01/24/2008	KF5F32AF	EPA 904.0	3/28/2008	RADIUM-228	1.40E+00	pci/g	2	J	2
TSB-HJ-04-10_01/24/2008	KF5F31AA	HASL-300 U Mod	2/20/2008	URANIUM-235/236	5.93E-02	pci/g	1	J	2
TSB-HJ-05-0	F8A250221002	E300	2/1/2008	Chloride	1	mg/kg	2.1	J	2
TSB-HJ-05-0	F8A250221002	E300	2/1/2008	Sulfate	4.8	mg/kg	5.2	J	2
TSB-HJ-05-0	F8A250221002	E300.0	2/1/2008	Chlorine	2	mg/kg	4.2	J	2
TSB-HJ-05-0	F8A250221002	SW6010	1/30/2008	Lithium	<21	mg/kg	21	U	3
TSB-HJ-05-0	F8A250221002	SW6020	2/1/2008	Antimony	< 1.1	mg/kg	1.1	UJ	4
TSB-HJ-05-0	F8A250221002	SW6020	2/1/2008	Arsenic	1.7	mg/kg	2.1	J	2
TSB-HJ-05-0	F8A250221002	SW6020	2/1/2008	Barium	154	mg/kg	4.2	J+	4
TSB-HJ-05-0	F8A250221002	SW6020	2/5/2008	Cadmium	<0.26	mg/kg	0.26	U	3
TSB-HJ-05-0	F8A250221002	SW6020	2/6/2008	Calcium	14000	mg/kg	262	J+	4
TSB-HJ-05-0	F8A250221002	SW6020	2/1/2008	Chromium (Total)	10.8	mg/kg	2.1	J+	4
TSB-HJ-05-0	F8A250221002	SW6020	2/1/2008	Lead	8	mg/kg	0.63	J+	4
TSB-HJ-05-0	F8A250221002	SW6020	2/5/2008	Magnesium	8100	mg/kg	262	J+	4
TSB-HJ-05-0	F8A250221002	SW6020	2/1/2008	Molybdenum	0.16	mg/kg	1.1	J	2
TSB-HJ-05-0	F8A250221002	SW6020	2/1/2008	Niobium	5.7	mg/kg	5.3	J+	4

TABLE 3-1
SUMMARY OF QUALIFIED DATA RESULTS
TRONOX PARCEL H INVESTIGATION
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Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Qualifier	Reason_Code
TSB-HJ-05-0	F8A250221002	SW6020	2/5/2008	Palladium	0.27	mg/kg	0.53	J+	2,5
TSB-HJ-05-0	F8A250221002	SW6020	2/5/2008	Phosphorus (as P)	1550	mg/kg	262	J-	4
TSB-HJ-05-0	F8A250221002	SW6020	2/1/2008	Silicon	125	mg/kg	52.5	J+	4
TSB-HJ-05-0	F8A250221002	SW6020	2/1/2008	Strontium	132	mg/kg	1.1	J+	4
TSB-HJ-05-0	F8A250221002	SW6020	2/1/2008	Vanadium	36.6	mg/kg	2.1	J+	4
TSB-HJ-05-0	F8A250221002	SW6020	2/1/2008	Zinc	30.5	mg/kg	4.2	J+	4
TSB-HJ-05-0	F8A250221002	SW6020	2/1/2008	Zirconium	19.5	mg/kg	21	J	2
TSB-HJ-05-0	F8A250221002	SW8260	2/5/2008	1,2,4-Trimethylbenzene	0.38	ug/kg	5.2	J	2
TSB-HJ-05-0	F8A250221002	SW8260	2/5/2008	Acetone	<21	ug/kg	21	UJ	2,13
TSB-HJ-05-0	F8A250221002	SW8260	2/5/2008	Acetonitrile	< 52	ug/kg	52	UJ	12
TSB-HJ-05-0	F8A250221002	SW8260	2/5/2008	Ethanol	< 260	ug/kg	260	UJ	12
TSB-HJ-05-0	F8A250221002	SW8270	2/7/2008	Unknown	<7600	ug/kg		U	3
TSB-HJ-05-0	F8A250221002	SW8290	2/20/2008	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1.1	pg/g	5.2	J	2
TSB-HJ-05-0	F8A250221002	SW8290	2/20/2008	1,2,3,4,7,8,9-Heptachlorodibenzofuran	1.8	pg/g	5.2	J	2
TSB-HJ-05-0	F8A250221002	SW8290	2/20/2008	1,2,3,4,7,8-Hexachlorodibenzofuran	3.5	pg/g	5.2	J	2
TSB-HJ-05-0	F8A250221002	SW8290	2/20/2008	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.11	pg/g	5.2	J	2
TSB-HJ-05-0	F8A250221002	SW8290	2/20/2008	1,2,3,6,7,8-Hexachlorodibenzofuran	2.2	pg/g	5.2	J	2
TSB-HJ-05-0	F8A250221002	SW8290	2/20/2008	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.19	pg/g	5.2	J	2
TSB-HJ-05-0	F8A250221002	SW8290	2/20/2008	1,2,3,7,8,9-Hexachlorodibenzofuran	0.29	pg/g	5.2	J	2
TSB-HJ-05-0	F8A250221002	SW8290	2/20/2008	1,2,3,7,8-Pentachlorodibenzofuran	1.6	pg/g	5.2	J	2
TSB-HJ-05-0	F8A250221002	SW8290	2/20/2008	2,3,4,6,7,8-Hexachlorodibenzofuran	0.67	pg/g	5.2	J	2
TSB-HJ-05-0	F8A250221002	SW8290	2/20/2008	2,3,4,7,8-Pentachlorodibenzofuran	1.2	pg/g	5.2	J	2
TSB-HJ-05-0	F8A250221002	SW8290	2/20/2008	Octachlorodibenzodioxin	6.4	pg/g	10	J	2
TSB-HJ-05-0	F8A250221002	SW9071B	2/5/2008	Oil & Grease (HEM)	< 210	mg/kg	210	UJ	4
TSB-HJ-05-0_01/24/2008	KF5FV2AF	EPA 904.0	3/28/2008	RADIUM-228	1.45E+00	pci/g	2	J	2
TSB-HJ-05-0_01/24/2008	KF5FV1AA	HASL-300 U Mod	2/20/2008	URANIUM-235/236	4.50E-02	pci/g	1	J	2
TSB-HJ-05-10	F8A250221001	E300	2/1/2008	Fluoride	1	mg/kg	1.1	J	2
TSB-HJ-05-10	F8A250221001	E300	2/1/2008	Sulfate	3.5	mg/kg	5.4	J	2
TSB-HJ-05-10	F8A250221001	E314.0	2/4/2008	Perchlorate	5.7	ug/kg	10.7	J	2
TSB-HJ-05-10	F8A250221001	SW6020	2/1/2008	Antimony	< 1.3	mg/kg	1.3	UJ	4
TSB-HJ-05-10	F8A250221001	SW6020	2/1/2008	Barium	198	mg/kg	5.4	J+	4
TSB-HJ-05-10	F8A250221001	SW6020	2/5/2008	Beryllium	0.73	mg/kg	1.1	J	2
TSB-HJ-05-10	F8A250221001	SW6020	2/5/2008	Cadmium	<0.54	mg/kg	0.54	U	3
TSB-HJ-05-10	F8A250221001	SW6020	2/6/2008	Calcium	28800	mg/kg	535	J+	4
TSB-HJ-05-10	F8A250221001	SW6020	2/1/2008	Chromium (Total)	8.7	mg/kg	2.7	J+	4

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-HJ-05-10	F8A250221001	SW6020	2/1/2008	Lead	7.1	mg/kg	0.8	J+	4
TSB-HJ-05-10	F8A250221001	SW6020	2/5/2008	Magnesium	10500	mg/kg	535	J+	4
TSB-HJ-05-10	F8A250221001	SW6020	2/1/2008	Molybdenum	0.57	mg/kg	1.3	J	2
TSB-HJ-05-10	F8A250221001	SW6020	2/1/2008	Niobium	11.7	mg/kg	6.7	J+	4
TSB-HJ-05-10	F8A250221001	SW6020	2/5/2008	Palladium	0.66	mg/kg	1.1	J+	2,5
TSB-HJ-05-10	F8A250221001	SW6020	2/5/2008	Phosphorus (as P)	1480	mg/kg	535	J-	4
TSB-HJ-05-10	F8A250221001	SW6020	2/1/2008	Silicon	251	mg/kg	66.9	J+	4
TSB-HJ-05-10	F8A250221001	SW6020	2/1/2008	Strontium	287	mg/kg	1.3	J+	4
TSB-HJ-05-10	F8A250221001	SW6020	2/1/2008	Vanadium	39.3	mg/kg	2.7	J+	4
TSB-HJ-05-10	F8A250221001	SW6020	2/1/2008	Zinc	32.4	mg/kg	5.4	J+	4
TSB-HJ-05-10	F8A250221001	SW6020	2/1/2008	Zirconium	23.5	mg/kg	26.8	J	2
TSB-HJ-05-10	F8A250221001	SW8260	2/5/2008	1,2,4-Trimethylbenzene	0.42	ug/kg	5.4	J	2
TSB-HJ-05-10	F8A250221001	SW8260	2/5/2008	Acetonitrile	< 54	ug/kg	54	UJ	12
TSB-HJ-05-10	F8A250221001	SW8260	2/5/2008	Ethanol	< 270	ug/kg	270	UJ	12
TSB-HJ-05-10	F8A250221001	SW8270	2/6/2008	Unknown	<8400	ug/kg		U	3
TSB-HJ-05-10	F8A250221001	SW8290	2/20/2008	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.061	pg/g	5.4	J	2
TSB-HJ-05-10	F8A250221001	SW8290	2/20/2008	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.095	pg/g	5.4	J	2
TSB-HJ-05-10	F8A250221001	SW8290	2/20/2008	Octachlorodibenzodioxin	<11	pg/g	11	U	3
TSB-HJ-05-10	F8A250221001	SW8290	2/20/2008	Octachlorodibenzofuran	<11	pg/g	11	U	3
TSB-HJ-05-10	F8A250221001	SW9071B	2/5/2008	Oil & Grease (HEM)	< 214	mg/kg	214	UJ	4
TSB-HJ-05-10_01/24/2008	KF5A22AF	EPA 904.0	3/28/2008	RADIUM-228	1.46E+00	pci/g	2	J	2
TSB-HJ-05-10_01/24/2008	KF5A21AA	HASL-300 U Mod	2/20/2008	URANIUM-235/236	6.02E-02	pci/g	1	J	2
TSB-HJ-06-0_01/24/2008	KF5F82AF	EPA 904.0	3/28/2008	RADIUM-228	1.68E+00	pci/g	2	J	2
TSB-HJ-06-0_01/24/2008_RE	KF5F81AA	HASL-300 U Mod	2/20/2008	URANIUM-233/234	9.62E-01	pci/g	1	J	2
TSB-HJ-06-0_01/24/2008_RE	KF5F81AA	HASL-300 U Mod	2/20/2008	URANIUM-235/236	4.95E-02	pci/g	1	J	2
TSB-HJ-06-0_RE	F8A250221009	E300	2/1/2008	Sulfate	5.3	mg/kg	5.5	J	2
TSB-HJ-06-0_RE	F8A250221009	SW6010	1/30/2008	Lithium	<22.2	mg/kg	22.2	U	3
TSB-HJ-06-0_RE	F8A250221009	SW6020	2/1/2008	Antimony	< 1.1	mg/kg	1.1	UJ	4
TSB-HJ-06-0_RE	F8A250221009	SW6020	2/1/2008	Arsenic	2.2	mg/kg	2.2	J	2
TSB-HJ-06-0_RE	F8A250221009	SW6020	2/1/2008	Barium	159	mg/kg	4.4	J+	4
TSB-HJ-06-0_RE	F8A250221009	SW6020	2/5/2008	Cadmium	<0.28	mg/kg	0.28	U	3
TSB-HJ-06-0_RE	F8A250221009	SW6020	2/6/2008	Calcium	18400	mg/kg	277	J+	4
TSB-HJ-06-0_RE	F8A250221009	SW6020	2/1/2008	Chromium (Total)	10.4	mg/kg	2.2	J+	4
TSB-HJ-06-0_RE	F8A250221009	SW6020	2/1/2008	Lead	11.4	mg/kg	0.67	J+	4
TSB-HJ-06-0_RE	F8A250221009	SW6020	2/5/2008	Magnesium	7100	mg/kg	277	J+	4

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-HJ-06-0_RE	F8A250221009	SW6020	2/1/2008	Molybdenum	1	mg/kg	1.1	J	2
TSB-HJ-06-0_RE	F8A250221009	SW6020	2/1/2008	Niobium	<5.5	mg/kg	5.5	UJ	3,4
TSB-HJ-06-0_RE	F8A250221009	SW6020	2/5/2008	Palladium	0.31	mg/kg	0.55	J+	2,5
TSB-HJ-06-0_RE	F8A250221009	SW6020	2/5/2008	Phosphorus (as P)	1540	mg/kg	277	J-	4
TSB-HJ-06-0_RE	F8A250221009	SW6020	2/1/2008	Silicon	144	mg/kg	55.4	J+	4
TSB-HJ-06-0_RE	F8A250221009	SW6020	2/1/2008	Strontium	128	mg/kg	1.1	J+	4
TSB-HJ-06-0_RE	F8A250221009	SW6020	2/1/2008	Vanadium	39.7	mg/kg	2.2	J+	4
TSB-HJ-06-0_RE	F8A250221009	SW6020	2/1/2008	Zinc	32.4	mg/kg	4.4	J+	4
TSB-HJ-06-0_RE	F8A250221009	SW6020	2/1/2008	Zirconium	21.2	mg/kg	22.2	J	2
TSB-HJ-06-0_RE	F8A250221009	SW7471	1/30/2008	Mercury	7.6	ug/kg	36.9	J	2
TSB-HJ-06-0_RE	F8A250221009	SW8260	2/5/2008	Acetonitrile	< 55	ug/kg	55	UJ	12
TSB-HJ-06-0_RE	F8A250221009	SW8260	2/5/2008	Dichloromethane	4.3	ug/kg	5.5	J	2
TSB-HJ-06-0_RE	F8A250221009	SW8260	2/5/2008	Ethanol	< 280	ug/kg	280	UJ	12
TSB-HJ-06-0_RE	F8A250221009	SW8270	2/7/2008	Unknown	<8200	ug/kg		U	3
TSB-HJ-06-0_RE	F8A250221009	SW8290	2/23/2008	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1.5	pg/g	5.5	J	2
TSB-HJ-06-0_RE	F8A250221009	SW8290	2/23/2008	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.29	pg/g	5.5	J	2
TSB-HJ-06-0_RE	F8A250221009	SW8290	2/23/2008	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.45	pg/g	5.5	J	2
TSB-HJ-06-0_RE	F8A250221009	SW8290	2/23/2008	1,2,3,4,7,8-Hexachlorodibenzofuran	0.82	pg/g	5.5	J	2
TSB-HJ-06-0_RE	F8A250221009	SW8290	2/23/2008	1,2,3,6,7,8-Hexachlorodibenzofuran	0.44	pg/g	5.5	J	2
TSB-HJ-06-0_RE	F8A250221009	SW8290	2/23/2008	1,2,3,7,8-Pentachlorodibenzofuran	0.35	pg/g	5.5	J	2
TSB-HJ-06-0_RE	F8A250221009	SW8290	2/23/2008	2,3,4,7,8-Pentachlorodibenzofuran	0.22	pg/g	5.5	J	2
TSB-HJ-06-0_RE	F8A250221009	SW8290	2/23/2008	2,3,7,8-Tetrachlorodibenzofuran	0.66	pg/g	1.1	J	2
TSB-HJ-06-0_RE	F8A250221009	SW8290	2/23/2008	Octachlorodibenzodioxin	2	pg/g	11	J	2
TSB-HJ-06-0_RE	F8A250221009	SW8290	2/23/2008	Octachlorodibenzofuran	<11	pg/g	11	U	3
TSB-HJ-06-0_RE	F8A250221009	SW9071B	2/5/2008	Oil & Grease (HEM)	< 222	mg/kg	222	UJ	4
TSB-HJ-06-10_01/24/2008	KF5F92AF	EPA 904.0	3/28/2008	RADIUM-228	1.47E+00	pci/g	2	J	2
TSB-HJ-06-10_01/24/2008	KF5F91AA	HASL-300 U Mod	2/20/2008	URANIUM-235/236	6.48E-02	pci/g	1	J	2
TSB-HJ-06-10_RE	F8A250221010	E300	2/1/2008	Fluoride	0.68	mg/kg	1.1	J	2
TSB-HJ-06-10_RE	F8A250221010	M8015D	2/1/2008	TPH (as Diesel)	< 27	mg/kg	27	UJ	8
TSB-HJ-06-10_RE	F8A250221010	SW6020	2/1/2008	Antimony	< 1.1	mg/kg	1.1	UJ	4
TSB-HJ-06-10_RE	F8A250221010	SW6020	2/1/2008	Barium	172	mg/kg	4.4	J+	4
TSB-HJ-06-10_RE	F8A250221010	SW6020	2/5/2008	Beryllium	0.52	mg/kg	1.1	J	2
TSB-HJ-06-10_RE	F8A250221010	SW6020	2/5/2008	Cadmium	<0.55	mg/kg	0.55	U	3
TSB-HJ-06-10_RE	F8A250221010	SW6020	2/6/2008	Calcium	47500	mg/kg	545	J+	4
TSB-HJ-06-10_RE	F8A250221010	SW6020	2/1/2008	Chromium (Total)	9.1	mg/kg	2.2	J+	4

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-HJ-06-10_RE	F8A250221010	SW6020	2/1/2008	Lead	7.1	mg/kg	0.65	J+	4
TSB-HJ-06-10_RE	F8A250221010	SW6020	2/5/2008	Magnesium	8450	mg/kg	545	J+	4
TSB-HJ-06-10_RE	F8A250221010	SW6020	2/1/2008	Molybdenum	0.42	mg/kg	1.1	J	2
TSB-HJ-06-10_RE	F8A250221010	SW6020	2/1/2008	Niobium	<5.5	mg/kg	5.5	UJ	3,4
TSB-HJ-06-10_RE	F8A250221010	SW6020	2/5/2008	Palladium	0.43	mg/kg	1.1	J+	2,5
TSB-HJ-06-10_RE	F8A250221010	SW6020	2/5/2008	Phosphorus (as P)	1120	mg/kg	545	J-	4
TSB-HJ-06-10_RE	F8A250221010	SW6020	2/1/2008	Silicon	108	mg/kg	54.5	J+	4
TSB-HJ-06-10_RE	F8A250221010	SW6020	2/1/2008	Strontium	241	mg/kg	1.1	J+	4
TSB-HJ-06-10_RE	F8A250221010	SW6020	2/1/2008	Vanadium	34.8	mg/kg	2.2	J+	4
TSB-HJ-06-10_RE	F8A250221010	SW6020	2/1/2008	Zinc	26.4	mg/kg	4.4	J+	4
TSB-HJ-06-10_RE	F8A250221010	SW6020	2/1/2008	Zirconium	18.4	mg/kg	21.8	J	2
TSB-HJ-06-10_RE	F8A250221010	SW8260	2/5/2008	Acetonitrile	< 54	ug/kg	54	UJ	12
TSB-HJ-06-10_RE	F8A250221010	SW8260	2/5/2008	Ethanol	< 270	ug/kg	270	UJ	12
TSB-HJ-06-10_RE	F8A250221010	SW8270	2/7/2008	Unknown	<9400	ug/kg		U	3
TSB-HJ-06-10_RE	F8A250221010	SW8290	2/22/2008	Octachlorodibenzodioxin	<11	pg/g	11	U	3
TSB-HJ-06-10_RE	F8A250221010	SW9071B	2/5/2008	Oil & Grease (HEM)	< 218	mg/kg	218	UJ	4
TSB-HJ-07-0	F8A250221011	E300	2/1/2008	Chloride	18.2	mg/kg	2.2	J	17
TSB-HJ-07-0	F8A250221011	E300	2/1/2008	Fluoride	0.58	mg/kg	1.1	J	2
TSB-HJ-07-0	F8A250221011	E300.0	2/1/2008	Chlorine	36.4	mg/kg	4.3	J	17
TSB-HJ-07-0	F8A250221011	E314.0	2/4/2008	Perchlorate	8.6	ug/kg	10.8	J	2
TSB-HJ-07-0	F8A250221011	SW6010	1/30/2008	Lithium	<21.7	mg/kg	21.7	U	3
TSB-HJ-07-0	F8A250221011	SW6020	2/1/2008	Antimony	< 1.1	mg/kg	1.1	UJ	4
TSB-HJ-07-0	F8A250221011	SW6020	2/1/2008	Barium	121	mg/kg	4.3	J+	4
TSB-HJ-07-0	F8A250221011	SW6020	2/5/2008	Beryllium	0.58	mg/kg	1.1	J	2
TSB-HJ-07-0	F8A250221011	SW6020	2/6/2008	Calcium	29900	mg/kg	541	J	4,17
TSB-HJ-07-0	F8A250221011	SW6020	2/1/2008	Chromium (Total)	8.2	mg/kg	2.2	J+	4
TSB-HJ-07-0	F8A250221011	SW6020	2/1/2008	Lead	6.6	mg/kg	0.65	J+	4
TSB-HJ-07-0	F8A250221011	SW6020	2/5/2008	Magnesium	9270	mg/kg	541	J+	4
TSB-HJ-07-0	F8A250221011	SW6020	2/1/2008	Molybdenum	0.37	mg/kg	1.1	J	2
TSB-HJ-07-0	F8A250221011	SW6020	2/1/2008	Niobium	<5.4	mg/kg	5.4	UJ	3,4
TSB-HJ-07-0	F8A250221011	SW6020	2/5/2008	Palladium	0.33	mg/kg	1.1	J+	2,5
TSB-HJ-07-0	F8A250221011	SW6020	2/5/2008	Phosphorus (as P)	1350	mg/kg	541	J-	4
TSB-HJ-07-0	F8A250221011	SW6020	2/1/2008	Silicon	98.9	mg/kg	54.1	J	4,17
TSB-HJ-07-0	F8A250221011	SW6020	2/1/2008	Strontium	157	mg/kg	1.1	J+	4
TSB-HJ-07-0	F8A250221011	SW6020	2/5/2008	Uranium	0.93	mg/kg	1.1	J	2

TABLE 3-1
SUMMARY OF QUALIFIED DATA RESULTS
TRONOX PARCEL H INVESTIGATION
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Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Qualifier	Reason_Code
TSB-HJ-07-0	F8A250221011	SW6020	2/1/2008	Vanadium	32.1	mg/kg	2.2	J+	4
TSB-HJ-07-0	F8A250221011	SW6020	2/1/2008	Zinc	24.2	mg/kg	4.3	J+	4
TSB-HJ-07-0	F8A250221011	SW6020	2/1/2008	Zirconium	16.5	mg/kg	21.7	J	2
TSB-HJ-07-0	F8A250221011	SW7471	1/30/2008	Mercury	20.2	ug/kg	36.1	J	2
TSB-HJ-07-0	F8A250221011	SW8260	2/5/2008	1,2,4-Trimethylbenzene	0.41	ug/kg	5.4	J	2
TSB-HJ-07-0	F8A250221011	SW8260	2/5/2008	Acetonitrile	< 54	ug/kg	54	UJ	12
TSB-HJ-07-0	F8A250221011	SW8260	2/5/2008	Ethanol	< 270	ug/kg	270	UJ	12
TSB-HJ-07-0	F8A250221011	SW8270	2/7/2008	Unknown	<9600	ug/kg		U	3
TSB-HJ-07-0	F8A250221011	SW8290	2/23/2008	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.064	pg/g	5.4	J	2
TSB-HJ-07-0	F8A250221011	SW8290	2/23/2008	1,2,3,7,8,9-Hexachlorodibenzofuran	0.07	pg/g	5.4	J	2
TSB-HJ-07-0	F8A250221011	SW8290	2/23/2008	Octachlorodibenzodioxin	<11	pg/g	11	U	3
TSB-HJ-07-0	F8A250221011	SW8290	2/23/2008	Octachlorodibenzofuran	<11	pg/g	11	U	3
TSB-HJ-07-0	F8A250221011	SW9071B	2/5/2008	Oil & Grease (HEM)	< 217	mg/kg	217	UJ	4
TSB-HJ-07-0_01/24/2008	KF5GC1AA	HASL-300 U Mod	2/20/2008	URANIUM-235/236	5.20E-02	pci/g	1	J	2
TSB-HJ-07-0-FD	F8A250221012	E300	2/1/2008	Chloride	7.7	mg/kg	2.1	J	17
TSB-HJ-07-0-FD	F8A250221012	E300.0	2/1/2008	Chlorine	15.3	mg/kg	4.2	J	17
TSB-HJ-07-0-FD	F8A250221012	SW6010	1/30/2008	Lithium	<21.2	mg/kg	21.2	U	3
TSB-HJ-07-0-FD	F8A250221012	SW6020	2/1/2008	Antimony	< 1.1	mg/kg	1.1	UJ	4
TSB-HJ-07-0-FD	F8A250221012	SW6020	2/1/2008	Arsenic	1.5	mg/kg	2.1	J	2
TSB-HJ-07-0-FD	F8A250221012	SW6020	2/1/2008	Barium	198	mg/kg	4.3	J+	4
TSB-HJ-07-0-FD	F8A250221012	SW6020	2/5/2008	Cadmium	<0.27	mg/kg	0.27	U	3
TSB-HJ-07-0-FD	F8A250221012	SW6020	2/6/2008	Calcium	13600	mg/kg	266	J	4,17
TSB-HJ-07-0-FD	F8A250221012	SW6020	2/1/2008	Chromium (Total)	9.8	mg/kg	2.1	J+	4
TSB-HJ-07-0-FD	F8A250221012	SW6020	2/1/2008	Lead	10.4	mg/kg	0.64	J+	4
TSB-HJ-07-0-FD	F8A250221012	SW6020	2/5/2008	Magnesium	7540	mg/kg	266	J+	4
TSB-HJ-07-0-FD	F8A250221012	SW6020	2/1/2008	Molybdenum	0.57	mg/kg	1.1	J	2
TSB-HJ-07-0-FD	F8A250221012	SW6020	2/1/2008	Niobium	<5.3	mg/kg	5.3	UJ	3,4
TSB-HJ-07-0-FD	F8A250221012	SW6020	2/5/2008	Palladium	0.42	mg/kg	0.53	J+	2,5
TSB-HJ-07-0-FD	F8A250221012	SW6020	2/5/2008	Phosphorus (as P)	1480	mg/kg	266	J-	4
TSB-HJ-07-0-FD	F8A250221012	SW6020	2/1/2008	Silicon	188	mg/kg	53.1	J	4,17
TSB-HJ-07-0-FD	F8A250221012	SW6020	2/1/2008	Strontium	189	mg/kg	1.1	J+	4
TSB-HJ-07-0-FD	F8A250221012	SW6020	2/1/2008	Vanadium	40.2	mg/kg	2.1	J+	4
TSB-HJ-07-0-FD	F8A250221012	SW6020	2/1/2008	Zinc	31.8	mg/kg	4.3	J+	4
TSB-HJ-07-0-FD	F8A250221012	SW8015B	1/30/2008	Gasoline Range Organics	< 0.11	mg/kg	0.11	R	8
TSB-HJ-07-0-FD	F8A250221012	SW8260	2/7/2008	Acetonitrile	< 53	ug/kg	53	UJ	12

TABLE 3-1
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Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Qualifier	Reason_Code
TSB-HJ-07-0-FD	F8A250221012	SW8260	2/7/2008	Ethanol	< 270	ug/kg	270	UJ	12
TSB-HJ-07-0-FD	F8A250221012	SW8270	2/7/2008	Unknown	<8600	ug/kg		U	3
TSB-HJ-07-0-FD	F8A250221012	SW8290	2/23/2008	1,2,3,7,8,9-Hexachlorodibenzofuran	0.14	pg/g	5.3	J	2
TSB-HJ-07-0-FD	F8A250221012	SW8290	2/23/2008	Octachlorodibenzodioxin	<11	pg/g	11	U	3
TSB-HJ-07-0-FD	F8A250221012	SW9071B	2/5/2008	Oil & Grease (HEM)	< 212	mg/kg	212	UJ	4
TSB-HJ-07-0-FD_01/24/2008	KF5GF1AA	HASL-300 U Mod	2/20/2008	URANIUM-235/236	4.51E-02	pci/g	1	J	2
TSB-HJ-07-10	F8A250221013	E300	2/1/2008	Fluoride	0.83	mg/kg	1.1	J	2
TSB-HJ-07-10	F8A250221013	SW6010	1/30/2008	Lithium	<21.5	mg/kg	21.5	U	3
TSB-HJ-07-10	F8A250221013	SW6020	2/1/2008	Antimony	< 1.1	mg/kg	1.1	UJ	4
TSB-HJ-07-10	F8A250221013	SW6020	2/1/2008	Barium	162	mg/kg	4.3	J+	4
TSB-HJ-07-10	F8A250221013	SW6020	2/5/2008	Beryllium	0.58	mg/kg	1.1	J	2
TSB-HJ-07-10	F8A250221013	SW6020	2/6/2008	Calcium	36400	mg/kg	537	J+	4
TSB-HJ-07-10	F8A250221013	SW6020	2/1/2008	Chromium (Total)	6.1	mg/kg	2.2	J+	4
TSB-HJ-07-10	F8A250221013	SW6020	2/1/2008	Lead	9.4	mg/kg	0.64	J+	4
TSB-HJ-07-10	F8A250221013	SW6020	2/5/2008	Magnesium	10200	mg/kg	537	J+	4
TSB-HJ-07-10	F8A250221013	SW6020	2/1/2008	Molybdenum	0.47	mg/kg	1.1	J	2
TSB-HJ-07-10	F8A250221013	SW6020	2/1/2008	Niobium	<5.4	mg/kg	5.4	UJ	3,4
TSB-HJ-07-10	F8A250221013	SW6020	2/5/2008	Palladium	0.46	mg/kg	1.1	J+	2,5
TSB-HJ-07-10	F8A250221013	SW6020	2/5/2008	Phosphorus (as P)	1610	mg/kg	537	J-	4
TSB-HJ-07-10	F8A250221013	SW6020	2/1/2008	Silicon	109	mg/kg	53.7	J+	4
TSB-HJ-07-10	F8A250221013	SW6020	2/1/2008	Strontium	228	mg/kg	1.1	J+	4
TSB-HJ-07-10	F8A250221013	SW6020	2/1/2008	Vanadium	35.6	mg/kg	2.2	J+	4
TSB-HJ-07-10	F8A250221013	SW6020	2/1/2008	Zinc	25.1	mg/kg	4.3	J+	4
TSB-HJ-07-10	F8A250221013	SW6020	2/1/2008	Zirconium	15.1	mg/kg	21.5	J	2
TSB-HJ-07-10	F8A250221013	SW8260	2/5/2008	Acetone	<21	ug/kg	21	UJ	2,13
TSB-HJ-07-10	F8A250221013	SW8260	2/5/2008	Acetonitrile	< 54	ug/kg	54	UJ	12
TSB-HJ-07-10	F8A250221013	SW8260	2/5/2008	Ethanol	< 270	ug/kg	270	UJ	12
TSB-HJ-07-10	F8A250221013	SW8270	2/7/2008	Unknown	<9200	ug/kg		U	3
TSB-HJ-07-10	F8A250221013	SW8290	2/23/2008	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<5.4	pg/g	5.4	U	3
TSB-HJ-07-10	F8A250221013	SW8290	2/23/2008	Octachlorodibenzodioxin	<11	pg/g	11	U	3
TSB-HJ-07-10	F8A250221013	SW9071B	2/5/2008	Oil & Grease (HEM)	< 215	mg/kg	215	UJ	4
TSB-HJ-07-10_01/24/2008	KF5GG1AF	EPA 904.0	3/5/2008	RADIUM-228	1.33E+00	pci/g	2	J	2,19
TSB-HJ-08-0	F8A290158006	SW6010	1/31/2008	Lithium	4.7	mg/kg	10.8	J	2
TSB-HJ-08-0	F8A290158006	SW6020	2/6/2008	Antimony	0.19	mg/kg	1.4	J-	2,4
TSB-HJ-08-0	F8A290158006	SW6020	2/6/2008	Arsenic	1.9	mg/kg	2.7	J	2

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-HJ-08-0	F8A290158006	SW6020	2/6/2008	Barium	155	mg/kg	5.4	J-	4
TSB-HJ-08-0	F8A290158006	SW6020	2/6/2008	Boron	<27	mg/kg	27	U	3
TSB-HJ-08-0	F8A290158006	SW6020	2/6/2008	Cadmium	<0.14	mg/kg	0.14	U	3,13
TSB-HJ-08-0	F8A290158006	SW6020	2/6/2008	Magnesium	6950	mg/kg	135	J+	4
TSB-HJ-08-0	F8A290158006	SW6020	2/6/2008	Manganese	442	mg/kg	1.4	J	15
TSB-HJ-08-0	F8A290158006	SW6020	2/6/2008	Molybdenum	0.55	mg/kg	1.4	J	2
TSB-HJ-08-0	F8A290158006	SW6020	2/6/2008	Palladium	0.22	mg/kg	0.54	J+	2,4,12
TSB-HJ-08-0	F8A290158006	SW6020	2/6/2008	Silver	<0.54	mg/kg	0.54	UJ	3,12
TSB-HJ-08-0	F8A290158006	SW6020	2/6/2008	Strontium	122	mg/kg	1.4	J	15
TSB-HJ-08-0	F8A290158006	SW6020	2/6/2008	Tin	<0.54	mg/kg	0.54	U	3,13
TSB-HJ-08-0	F8A290158006	SW6020	2/6/2008	Tungsten	<1.4	mg/kg	1.4	U	3,13
TSB-HJ-08-0	F8A290158006	SW6020	2/6/2008	Zirconium	24	mg/kg	27	J	2
TSB-HJ-08-0	F8A290158006	SW7471	2/6/2008	Mercury	13.1	ug/kg	36	J	2
TSB-HJ-08-0	F8A290158006	SW8260	2/11/2008	Dichloromethane	<8.8	ug/kg	5.4	U	13
TSB-HJ-08-0	F8A290158006	SW8260	2/11/2008	Ethanol	< 270	ug/kg	270	UJ	12
TSB-HJ-08-0	F8A290158006	SW8270	2/8/2008	Unknown	<23000	ug/kg		U	3
TSB-HJ-08-0	F8A290158006	SW8290	2/24/2008	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.52	pg/g	5.4	J	2
TSB-HJ-08-0	F8A290158006	SW8290	2/24/2008	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.22	pg/g	5.4	J	2
TSB-HJ-08-0	F8A290158006	SW8290	2/24/2008	1,2,3,4,7,8-Hexachlorodibenzofuran	0.61	pg/g	5.4	J	2
TSB-HJ-08-0	F8A290158006	SW8290	2/24/2008	1,2,3,6,7,8-Hexachlorodibenzofuran	<5.4	pg/g	5.4	U	13
TSB-HJ-08-0	F8A290158006	SW8290	2/24/2008	1,2,3,7,8-Pentachlorodibenzofuran	0.43	pg/g	5.4	J	2
TSB-HJ-08-0	F8A290158006	SW8290	2/24/2008	2,3,4,7,8-Pentachlorodibenzofuran	0.23	pg/g	5.4	J	2
TSB-HJ-08-0	F8A290158006	SW8290	2/24/2008	Octachlorodibenzodioxin	<11	pg/g	11	U	13
TSB-HJ-08-0	F8A290158006	SW8290	2/24/2008	Octachlorodibenzofuran	<11	pg/g	11	U	13
TSB-HJ-08-0	F8A290158006	SW9071B	2/7/2008	Oil & Grease (HEM)	< 216	mg/kg	216	UJ	4
TSB-HJ-08-0_01/28/2008	KF8N91AF	EPA 904.0	3/12/2008	RADIUM-228	1.40E+00	pci/g	2	J	2
TSB-HJ-08-0_01/28/2008	KF8N91AA	HASL-300 U Mod	2/25/2008	URANIUM-235/236	4.74E-02	pci/g	1	J	2
TSB-HJ-08-0_01/28/2008	KF8N91AA	HASL-300 U Mod	2/25/2008	URANIUM-238	<1	pci/g	1	U	3
TSB-HJ-08-10	F8A290158007	E300	2/5/2008	Chloride	86.8	mg/kg	21.6	J-	4
TSB-HJ-08-10	F8A290158007	E300.0	2/5/2008	Chlorine	174	mg/kg	8.6	J-	4
TSB-HJ-08-10	F8A290158007	SW6010	1/31/2008	Lithium	9.2	mg/kg	10.8	J	2
TSB-HJ-08-10	F8A290158007	SW6020	2/6/2008	Antimony	0.17	mg/kg	1.4	J-	2,4
TSB-HJ-08-10	F8A290158007	SW6020	2/6/2008	Barium	170	mg/kg	5.4	J-	4
TSB-HJ-08-10	F8A290158007	SW6020	2/6/2008	Boron	<27	mg/kg	27	U	3
TSB-HJ-08-10	F8A290158007	SW6020	2/6/2008	Cadmium	<0.14	mg/kg	0.14	U	3,13

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-HJ-08-10	F8A290158007	SW6020	2/6/2008	Magnesium	10100	mg/kg	135	J+	4
TSB-HJ-08-10	F8A290158007	SW6020	2/6/2008	Manganese	264	mg/kg	1.4	J	15
TSB-HJ-08-10	F8A290158007	SW6020	2/6/2008	Molybdenum	0.64	mg/kg	1.4	J	2
TSB-HJ-08-10	F8A290158007	SW6020	2/6/2008	Palladium	0.55	mg/kg	1.4	J+	2,4,12
TSB-HJ-08-10	F8A290158007	SW6020	2/6/2008	Silver	<0.54	mg/kg	0.54	UJ	3,12
TSB-HJ-08-10	F8A290158007	SW6020	2/6/2008	Strontium	308	mg/kg	1.4	J	15
TSB-HJ-08-10	F8A290158007	SW6020	2/6/2008	Tin	<0.54	mg/kg	0.54	U	3,13
TSB-HJ-08-10	F8A290158007	SW6020	2/6/2008	Tungsten	<1.4	mg/kg	1.4	U	3,13
TSB-HJ-08-10	F8A290158007	SW6020	2/6/2008	Zirconium	25.1	mg/kg	27	J	2
TSB-HJ-08-10	F8A290158007	SW8260	2/11/2008	Dichloromethane	<5.8	ug/kg	5.4	U	13
TSB-HJ-08-10	F8A290158007	SW8260	2/11/2008	Ethanol	< 270	ug/kg	270	UJ	12
TSB-HJ-08-10	F8A290158007	SW8260	2/11/2008	Toluene	1.7	ug/kg	5.4	J	2
TSB-HJ-08-10	F8A290158007	SW8270	2/8/2008	Unknown	<23000	ug/kg		U	3
TSB-HJ-08-10	F8A290158007	SW8290	2/24/2008	Octachlorodibenzodioxin	<11	pg/g	11	U	3,13
TSB-HJ-08-10	F8A290158007	SW9071B	2/7/2008	Oil & Grease (HEM)	< 216	mg/kg	216	UJ	4
TSB-HJ-08-10_01/28/2008	KF8PD1AF	EPA 904.0	3/12/2008	RADIUM-228	1.16E+00	pci/g	2	J	2
TSB-HJ-08-10_01/28/2008	KF8PD1AA	HASL-300 U Mod	2/25/2008	URANIUM-235/236	9.36E-02	pci/g	1	J	2
TSB-HJ-09-0	F8A260143002	E300	2/1/2008	Bromide	0.77	mg/kg	2.8	J	2
TSB-HJ-09-0	F8A260143002	E300	2/1/2008	Sulfate	78.6	mg/kg	5.5	J-	4
TSB-HJ-09-0	F8A260143002	E300.0	2/1/2008	Bromine	1.5	mg/kg	5.5	J	2
TSB-HJ-09-0	F8A260143002	M8015D	2/5/2008	TPH (as Diesel)	< 28	mg/kg	28	UJ	8
TSB-HJ-09-0	F8A260143002	SW6010	1/30/2008	Lithium	<11.1	mg/kg	11.1	U	3
TSB-HJ-09-0	F8A260143002	SW6020	2/5/2008	Antimony	0.21	mg/kg	1.4	J-	2,4
TSB-HJ-09-0	F8A260143002	SW6020	2/5/2008	Arsenic	2.7	mg/kg	2.8	J	2
TSB-HJ-09-0	F8A260143002	SW6020	2/5/2008	Barium	193	mg/kg	5.6	J+	4
TSB-HJ-09-0	F8A260143002	SW6020	2/5/2008	Boron	<27.8	mg/kg	27.8	UJ	3,12,13
TSB-HJ-09-0	F8A260143002	SW6020	2/5/2008	Cadmium	<0.14	mg/kg	0.14	U	3,13
TSB-HJ-09-0	F8A260143002	SW6020	2/5/2008	Chromium (Total)	14.8	mg/kg	2.8	J+	4
TSB-HJ-09-0	F8A260143002	SW6020	2/5/2008	Molybdenum	<1.4	mg/kg	1.4	U	3,13
TSB-HJ-09-0	F8A260143002	SW6020	2/5/2008	Niobium	<6.9	mg/kg	6.9	UJ	3,4,12,13
TSB-HJ-09-0	F8A260143002	SW6020	2/6/2008	Palladium	0.47	mg/kg	0.56	J+	2,4,5,12
TSB-HJ-09-0	F8A260143002	SW6020	2/6/2008	Phosphorus (as P)	1250	mg/kg	278	J-	4
TSB-HJ-09-0	F8A260143002	SW6020	2/5/2008	Silicon	202	mg/kg	69.4	J-	4
TSB-HJ-09-0	F8A260143002	SW6020	2/5/2008	Silver	0.11	mg/kg	0.56	J+	2,12
TSB-HJ-09-0	F8A260143002	SW6020	2/5/2008	Strontium	179	mg/kg	1.4	J+	4

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-HJ-09-0	F8A260143002	SW6020	2/5/2008	Thallium	<0.56	mg/kg	0.56	U	3,13
TSB-HJ-09-0	F8A260143002	SW6020	2/5/2008	Tungsten	<1.4	mg/kg	1.4	U	3,13
TSB-HJ-09-0	F8A260143002	SW6020	2/5/2008	Zirconium	24.9	mg/kg	27.8	J	2
TSB-HJ-09-0	F8A260143002	SW7471	1/30/2008	Mercury	8.7	ug/kg	37	J	2
TSB-HJ-09-0	F8A260143002	SW8081	2/14/2008	2,4-DDD	< 1.9	ug/kg	1.9	X	1
TSB-HJ-09-0	F8A260143002	SW8081	2/14/2008	2,4-DDE	12	ug/kg	1.9	X	1
TSB-HJ-09-0	F8A260143002	SW8081	2/10/2008	2,4-DDE	14	ug/kg	1.9	J+	8
TSB-HJ-09-0	F8A260143002	SW8081	2/14/2008	4,4-DDD	3.5	ug/kg	1.9	J-	1
TSB-HJ-09-0	F8A260143002	SW8081	2/10/2008	4,4-DDD	3	ug/kg	1.9	X	8
TSB-HJ-09-0	F8A260143002	SW8081	2/14/2008	4,4-DDE	51	ug/kg	1.9	X	1,11
TSB-HJ-09-0	F8A260143002	SW8081	2/10/2008	4,4-DDE	55	ug/kg	1.9	X	8,11
TSB-HJ-09-0	F8A260143002	SW8081	2/15/2008	4,4-DDE	57	ug/kg	19	X	1
TSB-HJ-09-0	F8A260143002	SW8081	2/15/2008	4,4-DDT	97	ug/kg	19	X	1,12
TSB-HJ-09-0	F8A260143002	SW8081	2/10/2008	4,4-DDT	85	ug/kg	1.9	X	8,11
TSB-HJ-09-0	F8A260143002	SW8081	2/14/2008	4,4-DDT	84	ug/kg	1.9	X	1,11,12
TSB-HJ-09-0	F8A260143002	SW8081	2/14/2008	Aldrin	< 1.9	ug/kg	1.9	X	1
TSB-HJ-09-0	F8A260143002	SW8081	2/14/2008	alpha-BHC	< 1.9	ug/kg	1.9	X	1
TSB-HJ-09-0	F8A260143002	SW8081	2/14/2008	alpha-Chlordane	< 1.9	ug/kg	1.9	X	1
TSB-HJ-09-0	F8A260143002	SW8081	2/10/2008	beta-BHC	40	ug/kg	1.9	J+	8
TSB-HJ-09-0	F8A260143002	SW8081	2/14/2008	beta-BHC	37	ug/kg	1.9	X	1
TSB-HJ-09-0	F8A260143002	SW8081	2/14/2008	Chlordane	< 19	ug/kg	19	X	1
TSB-HJ-09-0	F8A260143002	SW8081	2/14/2008	delta-BHC	< 1.9	ug/kg	1.9	X	1
TSB-HJ-09-0	F8A260143002	SW8081	2/14/2008	Dieldrin	< 1.9	ug/kg	1.9	X	1
TSB-HJ-09-0	F8A260143002	SW8081	2/14/2008	Endosulfan I	< 1.9	ug/kg	1.9	X	1
TSB-HJ-09-0	F8A260143002	SW8081	2/14/2008	Endosulfan II	< 1.9	ug/kg	1.9	X	1
TSB-HJ-09-0	F8A260143002	SW8081	2/14/2008	Endosulfan sulfate	< 1.9	ug/kg	1.9	X	1
TSB-HJ-09-0	F8A260143002	SW8081	2/14/2008	Endrin	< 1.9	ug/kg	1.9	X	1
TSB-HJ-09-0	F8A260143002	SW8081	2/14/2008	Endrin aldehyde	< 1.9	ug/kg	1.9	X	1
TSB-HJ-09-0	F8A260143002	SW8081	2/14/2008	Endrin ketone	< 1.9	ug/kg	1.9	X	1
TSB-HJ-09-0	F8A260143002	SW8081	2/14/2008	gamma-Chlordane	< 1.9	ug/kg	1.9	X	1
TSB-HJ-09-0	F8A260143002	SW8081	2/14/2008	Heptachlor	< 1.9	ug/kg	1.9	X	1
TSB-HJ-09-0	F8A260143002	SW8081	2/14/2008	Heptachlor epoxide	< 1.9	ug/kg	1.9	X	1
TSB-HJ-09-0	F8A260143002	SW8081	2/14/2008	Lindane	< 1.9	ug/kg	1.9	X	1
TSB-HJ-09-0	F8A260143002	SW8081	2/14/2008	Methoxychlor	< 3.7	ug/kg	3.7	X	1
TSB-HJ-09-0	F8A260143002	SW8081	2/14/2008	Toxaphene	< 74	ug/kg	74	X	1

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-HJ-09-0	F8A260143002	SW8260	2/7/2008	Acetone	8.2	ug/kg	22	J	2
TSB-HJ-09-0	F8A260143002	SW8260	2/7/2008	Acetonitrile	< 55	ug/kg	55	UJ	12
TSB-HJ-09-0	F8A260143002	SW8260	2/7/2008	Dichloromethane	<15	ug/kg	5.5	U	3,13
TSB-HJ-09-0	F8A260143002	SW8260	2/7/2008	Ethanol	< 280	ug/kg	280	UJ	12
TSB-HJ-09-0	F8A260143002	SW8270	2/7/2008	Hydroxymethyl phthalimide	< 370	ug/kg	370	UJ	12
TSB-HJ-09-0	F8A260143002	SW8270	2/7/2008	Unknown	<23000	ug/kg		U	3
TSB-HJ-09-0	F8A260143002	SW8290	2/7/2008	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	5.4	pg/g		J	2
TSB-HJ-09-0	F8A260143002	SW8290	2/7/2008	2,3,4,7,8-Pentachlorodibenzofuran	4	pg/g		J	2
TSB-HJ-09-0	F8A260143002	SW9071B	2/6/2008	Oil & Grease (HEM)	< 222	mg/kg	222	UJ	4
TSB-HJ-09-0_01/25/2008	KF6EP1AF	EPA 904.0	3/5/2008	RADIUM-228	1.56E+00	pci/g	2	J	2,19
TSB-HJ-09-10	F8A260143003	E300	2/1/2008	Fluoride	0.94	mg/kg	1.1	J	2
TSB-HJ-09-10	F8A260143003	E300	2/1/2008	Sulfate	148	mg/kg	5.3	J-	4
TSB-HJ-09-10	F8A260143003	SW6020	2/5/2008	Antimony	0.15	mg/kg	1.3	J-	2,4
TSB-HJ-09-10	F8A260143003	SW6020	2/5/2008	Barium	201	mg/kg	5.3	J+	4
TSB-HJ-09-10	F8A260143003	SW6020	2/5/2008	Boron	<26.6	mg/kg	26.6	UJ	3,12,13
TSB-HJ-09-10	F8A260143003	SW6020	2/5/2008	Cadmium	<0.13	mg/kg	0.13	U	3,13
TSB-HJ-09-10	F8A260143003	SW6020	2/5/2008	Chromium (Total)	13.4	mg/kg	2.7	J+	4
TSB-HJ-09-10	F8A260143003	SW6020	2/5/2008	Molybdenum	<1.3	mg/kg	1.3	U	3,13
TSB-HJ-09-10	F8A260143003	SW6020	2/5/2008	Niobium	<6.6	mg/kg	6.6	UJ	3,4,12,13
TSB-HJ-09-10	F8A260143003	SW6020	2/6/2008	Palladium	0.51	mg/kg	0.53	J+	2,4,5,12
TSB-HJ-09-10	F8A260143003	SW6020	2/6/2008	Phosphorus (as P)	1570	mg/kg	266	J-	4
TSB-HJ-09-10	F8A260143003	SW6020	2/5/2008	Silicon	293	mg/kg	66.4	J-	4
TSB-HJ-09-10	F8A260143003	SW6020	2/5/2008	Silver	0.13	mg/kg	0.53	J+	2,12
TSB-HJ-09-10	F8A260143003	SW6020	2/5/2008	Strontium	224	mg/kg	1.3	J+	4
TSB-HJ-09-10	F8A260143003	SW6020	2/5/2008	Thallium	<0.53	mg/kg	0.53	U	3,13
TSB-HJ-09-10	F8A260143003	SW6020	2/5/2008	Tungsten	<1.3	mg/kg	1.3	U	3,13
TSB-HJ-09-10	F8A260143003	SW6020	2/5/2008	Zirconium	26.4	mg/kg	26.6	J	2
TSB-HJ-09-10	F8A260143003	SW8260	2/7/2008	Acetone	6.2	ug/kg	21	J	2
TSB-HJ-09-10	F8A260143003	SW8260	2/7/2008	Acetonitrile	< 53	ug/kg	53	UJ	12
TSB-HJ-09-10	F8A260143003	SW8260	2/7/2008	Dichloromethane	<14	ug/kg	5.3	U	3,13
TSB-HJ-09-10	F8A260143003	SW8260	2/7/2008	Ethanol	< 270	ug/kg	270	UJ	12
TSB-HJ-09-10	F8A260143003	SW8270	2/7/2008	Hydroxymethyl phthalimide	< 350	ug/kg	350	UJ	12
TSB-HJ-09-10	F8A260143003	SW8270	2/7/2008	Unknown	<23000	ug/kg		U	3
TSB-HJ-09-10	F8A260143003	SW9071B	2/6/2008	Oil & Grease (HEM)	< 213	mg/kg	213	UJ	4
TSB-HJ-09-10_01/25/2008	KF6EQ1AF	EPA 904.0	3/5/2008	RADIUM-228	1.68E+00	pci/g	2	J	2,19

TABLE 3-1
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Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Qualifier	Reason_Code
TSB-HJ-09-10_01/25/2008	KF6EQ1AA	HASL-300 U Mod	2/22/2008	URANIUM-235/236	9.99E-02	pci/g	1	J	2
TSB-HJ-10-0	F8A290158001	E300	2/4/2008	Bromide	2	mg/kg	2.6	J	2
TSB-HJ-10-0	F8A290158001	E300.0	2/4/2008	Bromine	3.9	mg/kg	5.3	J	2
TSB-HJ-10-0	F8A290158001	SW6010	1/31/2008	Lithium	7.8	mg/kg	10.6	J	2
TSB-HJ-10-0	F8A290158001	SW6020	2/6/2008	Antimony	< 1.3	mg/kg	1.3	UJ	4
TSB-HJ-10-0	F8A290158001	SW6020	2/6/2008	Arsenic	1.9	mg/kg	2.7	J	2
TSB-HJ-10-0	F8A290158001	SW6020	2/6/2008	Barium	134	mg/kg	5.3	J-	4
TSB-HJ-10-0	F8A290158001	SW6020	2/6/2008	Boron	<26.5	mg/kg	26.5	U	3
TSB-HJ-10-0	F8A290158001	SW6020	2/6/2008	Cadmium	<0.13	mg/kg	0.13	U	3,13
TSB-HJ-10-0	F8A290158001	SW6020	2/6/2008	Magnesium	7870	mg/kg	132	J+	4
TSB-HJ-10-0	F8A290158001	SW6020	2/6/2008	Manganese	265	mg/kg	1.3	J	15
TSB-HJ-10-0	F8A290158001	SW6020	2/6/2008	Molybdenum	0.37	mg/kg	1.3	J	2
TSB-HJ-10-0	F8A290158001	SW6020	2/6/2008	Niobium	8.5	mg/kg	6.6	J+	4
TSB-HJ-10-0	F8A290158001	SW6020	2/6/2008	Palladium	0.35	mg/kg	0.53	J+	2,4,12
TSB-HJ-10-0	F8A290158001	SW6020	2/6/2008	Silver	<0.53	mg/kg	0.53	UJ	3,12
TSB-HJ-10-0	F8A290158001	SW6020	2/6/2008	Strontium	160	mg/kg	1.3	J	15
TSB-HJ-10-0	F8A290158001	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	U	3,13
TSB-HJ-10-0	F8A290158001	SW6020	2/6/2008	Zirconium	16.9	mg/kg	26.5	J	2
TSB-HJ-10-0	F8A290158001	SW7471	2/6/2008	Mercury	7.6	ug/kg	35.3	J	2
TSB-HJ-10-0	F8A290158001	SW8260	2/11/2008	Dichloromethane	<6.1	ug/kg	5.3	U	13
TSB-HJ-10-0	F8A290158001	SW8260	2/11/2008	Ethanol	< 260	ug/kg	260	UJ	12
TSB-HJ-10-0	F8A290158001	SW8260	2/11/2008	Toluene	0.69	ug/kg	5.3	J	2
TSB-HJ-10-0	F8A290158001	SW8270	2/8/2008	Unknown	<22000	ug/kg		U	3
TSB-HJ-10-0	F8A290158001	SW8290	2/23/2008	1,2,3,4,7,8,9-Heptachlorodibenzofuran	4.2	pg/g	5.3	J	2
TSB-HJ-10-0	F8A290158001	SW8290	2/23/2008	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.18	pg/g	5.3	J	2
TSB-HJ-10-0	F8A290158001	SW8290	2/23/2008	1,2,3,6,7,8-Hexachlorodibenzofuran	4.2	pg/g	5.3	J	2
TSB-HJ-10-0	F8A290158001	SW8290	2/23/2008	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.51	pg/g	5.3	J	2
TSB-HJ-10-0	F8A290158001	SW8290	2/23/2008	1,2,3,7,8,9-Hexachlorodibenzofuran	<5.3	pg/g	5.3	U	13
TSB-HJ-10-0	F8A290158001	SW8290	2/23/2008	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.52	pg/g	5.3	J	2
TSB-HJ-10-0	F8A290158001	SW8290	2/23/2008	1,2,3,7,8-Pentachlorodibenzofuran	3.7	pg/g	5.3	J	2
TSB-HJ-10-0	F8A290158001	SW8290	2/23/2008	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.39	pg/g	5.3	J	2
TSB-HJ-10-0	F8A290158001	SW8290	2/23/2008	2,3,4,6,7,8-Hexachlorodibenzofuran	1.4	pg/g	5.3	J	2
TSB-HJ-10-0	F8A290158001	SW8290	2/23/2008	2,3,4,7,8-Pentachlorodibenzofuran	2.2	pg/g	5.3	J	2
TSB-HJ-10-0	F8A290158001	SW9071B	2/7/2008	Oil & Grease (HEM)	< 212	mg/kg	212	UJ	4
TSB-HJ-10-0_01/28/2008	KF8NX1AF	EPA 904.0	3/12/2008	RADIUM-228	1.91E+00	pci/g	2	J	2

TABLE 3-1
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Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Qualifier	Reason_Code
TSB-HJ-10-0_01/28/2008	KF8NX1AA	HASL-300 U Mod	2/25/2008	URANIUM-235/236	5.28E-02	pci/g	1	J	2
TSB-HJ-10-10	F8A290158002	SW6010	1/31/2008	Lithium	9.1	mg/kg	10.5	J	2
TSB-HJ-10-10	F8A290158002	SW6020	2/6/2008	Antimony	0.17	mg/kg	1.3	J-	2,4
TSB-HJ-10-10	F8A290158002	SW6020	2/6/2008	Barium	140	mg/kg	5.2	J-	4
TSB-HJ-10-10	F8A290158002	SW6020	2/6/2008	Boron	<26.2	mg/kg	26.2	U	3
TSB-HJ-10-10	F8A290158002	SW6020	2/6/2008	Cadmium	<0.13	mg/kg	0.13	U	3,13
TSB-HJ-10-10	F8A290158002	SW6020	2/6/2008	Magnesium	8500	mg/kg	131	J+	4
TSB-HJ-10-10	F8A290158002	SW6020	2/6/2008	Manganese	218	mg/kg	1.3	J	15
TSB-HJ-10-10	F8A290158002	SW6020	2/6/2008	Molybdenum	0.35	mg/kg	1.3	J	2
TSB-HJ-10-10	F8A290158002	SW6020	2/6/2008	Niobium	<6.6	mg/kg	6.6	UJ	3,4,13
TSB-HJ-10-10	F8A290158002	SW6020	2/6/2008	Palladium	0.76	mg/kg	1.1	J+	2,4,12
TSB-HJ-10-10	F8A290158002	SW6020	2/6/2008	Silver	<0.52	mg/kg	0.52	UJ	3,12
TSB-HJ-10-10	F8A290158002	SW6020	2/6/2008	Strontium	375	mg/kg	1.3	J	15
TSB-HJ-10-10	F8A290158002	SW6020	2/6/2008	Tin	<0.52	mg/kg	0.52	U	3,13
TSB-HJ-10-10	F8A290158002	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	U	3,13
TSB-HJ-10-10	F8A290158002	SW6020	2/6/2008	Zirconium	21.5	mg/kg	26.2	J	2
TSB-HJ-10-10	F8A290158002	SW8260	2/11/2008	Dichloromethane	<5.2	ug/kg	5.2	U	13
TSB-HJ-10-10	F8A290158002	SW8260	2/11/2008	Ethanol	< 260	ug/kg	260	UJ	12
TSB-HJ-10-10	F8A290158002	SW8260	2/11/2008	Toluene	0.7	ug/kg	5.2	J	2
TSB-HJ-10-10	F8A290158002	SW8270	2/8/2008	Unknown	<21000	ug/kg		U	3
TSB-HJ-10-10	F8A290158002	SW8290	2/23/2008	2,3,7,8-Tetrachlorodibenzofuran	0.94	pg/g	1	J	2
TSB-HJ-10-10	F8A290158002	SW8290	2/23/2008	Octachlorodibenzodioxin	<10	pg/g	10	U	3,13
TSB-HJ-10-10	F8A290158002	SW9071B	2/7/2008	Oil & Grease (HEM)	< 210	mg/kg	210	UJ	4
TSB-HJ-10-10_01/28/2008	KF8N41AF	EPA 904.0	3/12/2008	RADIUM-228	1.17E+00	pci/g	2	J	2
TSB-HJ-10-10_01/28/2008	KF8N41AA	HASL-300 U Mod	2/25/2008	URANIUM-235/236	7.21E-02	pci/g	1	J	2
TSB-HJ-11-0	F8A260143013	E300	2/4/2008	Chloride	1.8	mg/kg	2.1	J	2
TSB-HJ-11-0	F8A260143013	E300	2/4/2008	Fluoride	0.9	mg/kg	1	J	2
TSB-HJ-11-0	F8A260143013	E300.0	2/4/2008	Chlorine	3.6	mg/kg	4.2	J	2
TSB-HJ-11-0	F8A260143013	E314.0	1/31/2008	Perchlorate	16.6	ug/kg	42	J	2
TSB-HJ-11-0	F8A260143013	SW6010	1/30/2008	Lithium	<10.5	mg/kg	10.5	U	3
TSB-HJ-11-0	F8A260143013	SW6020	2/6/2008	Antimony	0.17	mg/kg	1.3	J-	2,4
TSB-HJ-11-0	F8A260143013	SW6020	2/6/2008	Arsenic	2.3	mg/kg	2.6	J	2
TSB-HJ-11-0	F8A260143013	SW6020	2/6/2008	Barium	235	mg/kg	5.3	J+	4
TSB-HJ-11-0	F8A260143013	SW6020	2/6/2008	Cadmium	<0.13	mg/kg	0.13	U	3,13
TSB-HJ-11-0	F8A260143013	SW6020	2/6/2008	Chromium (Total)	11.4	mg/kg	2.6	J+	4

TABLE 3-1
SUMMARY OF QUALIFIED DATA RESULTS
TRONOX PARCEL H INVESTIGATION
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Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Qualifier	Reason_Code
TSB-HJ-11-0	F8A260143013	SW6020	2/6/2008	Molybdenum	<1.3	mg/kg	1.3	U	3,13
TSB-HJ-11-0	F8A260143013	SW6020	2/6/2008	Palladium	0.33	mg/kg	0.26	J+	4,5
TSB-HJ-11-0	F8A260143013	SW6020	2/6/2008	Phosphorus (as P)	1210	mg/kg	131	J-	4
TSB-HJ-11-0	F8A260143013	SW6020	2/6/2008	Silicon	435	mg/kg	65.6	J-	4
TSB-HJ-11-0	F8A260143013	SW6020	2/6/2008	Silver	0.097	mg/kg	0.53	J+	2,12
TSB-HJ-11-0	F8A260143013	SW6020	2/6/2008	Strontium	164	mg/kg	1.3	J+	4
TSB-HJ-11-0	F8A260143013	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	U	3,13
TSB-HJ-11-0	F8A260143013	SW6020	2/6/2008	Zirconium	22.5	mg/kg	26.2	J	2
TSB-HJ-11-0	F8A260143013	SW7471	1/30/2008	Mercury	15.2	ug/kg	35	J	2
TSB-HJ-11-0	F8A260143013	SW8260	2/7/2008	Acetonitrile	< 52	ug/kg	52	UJ	12
TSB-HJ-11-0	F8A260143013	SW8260	2/7/2008	Dichloromethane	<5.2	ug/kg	5.2	U	3,13
TSB-HJ-11-0	F8A260143013	SW8260	2/7/2008	Ethanol	< 260	ug/kg	260	UJ	12
TSB-HJ-11-0	F8A260143013	SW8270	2/7/2008	Hydroxymethyl phthalimide	< 350	ug/kg	350	UJ	12
TSB-HJ-11-0	F8A260143013	SW8270	2/7/2008	Unknown	<18000	ug/kg		U	3
TSB-HJ-11-0	F8A260143013	SW9071B	2/6/2008	Oil & Grease (HEM)	< 210	mg/kg	210	UJ	4
TSB-HJ-11-0_01/25/2008	KF6FD1AA	HASL-300 U Mod	2/22/2008	URANIUM-235/236	5.61E-02	pci/g	1	J	2
TSB-HJ-11-10	F8A260143014	E314.0	1/31/2008	Perchlorate	< 42.7	ug/kg	42.7	UJ	17
TSB-HJ-11-10	F8A260143014	SW6010	1/30/2008	Lithium	<10.7	mg/kg	10.7	U	3
TSB-HJ-11-10	F8A260143014	SW6020	2/6/2008	Antimony	0.15	mg/kg	1.3	J-	2,4
TSB-HJ-11-10	F8A260143014	SW6020	2/6/2008	Barium	198	mg/kg	5.3	J+	4
TSB-HJ-11-10	F8A260143014	SW6020	2/6/2008	Boron	<26.7	mg/kg	26.7	U	3,13
TSB-HJ-11-10	F8A260143014	SW6020	2/6/2008	Cadmium	<0.13	mg/kg	0.13	U	3,13
TSB-HJ-11-10	F8A260143014	SW6020	2/7/2008	Calcium	57400	mg/kg	667	J	17
TSB-HJ-11-10	F8A260143014	SW6020	2/6/2008	Chromium (Total)	13.4	mg/kg	2.7	J+	4
TSB-HJ-11-10	F8A260143014	SW6020	2/6/2008	Molybdenum	<1.3	mg/kg	1.3	U	3,13
TSB-HJ-11-10	F8A260143014	SW6020	2/6/2008	Palladium	0.58	mg/kg	1.3	J+	2,4,5
TSB-HJ-11-10	F8A260143014	SW6020	2/6/2008	Phosphorus (as P)	1210	mg/kg	667	J-	4
TSB-HJ-11-10	F8A260143014	SW6020	2/6/2008	Silicon	155	mg/kg	66.7	J	4,17
TSB-HJ-11-10	F8A260143014	SW6020	2/6/2008	Silver	0.11	mg/kg	0.53	J+	2,12
TSB-HJ-11-10	F8A260143014	SW6020	2/6/2008	Strontium	299	mg/kg	1.3	J+	4
TSB-HJ-11-10	F8A260143014	SW6020	2/6/2008	Tin	<0.53	mg/kg	0.53	U	3,13
TSB-HJ-11-10	F8A260143014	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	U	3,13
TSB-HJ-11-10	F8A260143014	SW6020	2/6/2008	Zirconium	24.7	mg/kg	26.7	J	2
TSB-HJ-11-10	F8A260143014	SW8260	2/7/2008	Acetonitrile	< 53	ug/kg	53	UJ	12
TSB-HJ-11-10	F8A260143014	SW8260	2/7/2008	Dichloromethane	<6.8	ug/kg	5.3	U	3,13

TABLE 3-1
SUMMARY OF QUALIFIED DATA RESULTS
TRONOX PARCEL H INVESTIGATION
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Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Qualifier	Reason_Code
TSB-HJ-11-10	F8A260143014	SW8260	2/7/2008	Ethanol	< 270	ug/kg	270	UJ	12
TSB-HJ-11-10	F8A260143014	SW8270	2/8/2008	Hydroxymethyl phthalimide	< 350	ug/kg	350	UJ	12
TSB-HJ-11-10	F8A260143014	SW8270	2/8/2008	Unknown	<23000	ug/kg		U	3
TSB-HJ-11-10	F8A260143014	SW9071B	2/6/2008	Oil & Grease (HEM)	< 213	mg/kg	213	UJ	4
TSB-HJ-11-10 FD_01/25/2008	KF6FJ1AF	EPA 904.0	3/13/2008	RADIUM-228	1.59E+00	pci/g	2	J	2
TSB-HJ-11-10 FD_01/25/2008	KF6FJ1AD	HASL-300 Th Mod	2/22/2008	THORIUM-230	1.49E+00	pci/g	0.1	J	17
TSB-HJ-11-10 FD_01/25/2008	KF6FJ1AA	HASL-300 U Mod	2/22/2008	URANIUM-233/234	1.36E+00	pci/g	1	J	17
TSB-HJ-11-10_01/25/2008	KF6FF1AF	EPA 904.0	3/13/2008	RADIUM-228	1.59E+00	pci/g	2	J	2
TSB-HJ-11-10_01/25/2008	KF6FF1AD	HASL-300 Th Mod	2/22/2008	THORIUM-230	3.02E+00	pci/g	0.1	J	17
TSB-HJ-11-10_01/25/2008	KF6FF1AA	HASL-300 U Mod	2/22/2008	URANIUM-233/234	2.68E+00	pci/g	1	J	17
TSB-HJ-11-10_01/25/2008	KF6FF1AA	HASL-300 U Mod	2/22/2008	URANIUM-235/236	1.10E-01	pci/g	1	J	2
TSB-HJ-11-10-FD	F8A260143015	E314.0	1/31/2008	Perchlorate	170	ug/kg	42.4	J	17
TSB-HJ-11-10-FD	F8A260143015	SW6020	2/6/2008	Antimony	0.17	mg/kg	1.3	J-	2,4
TSB-HJ-11-10-FD	F8A260143015	SW6020	2/6/2008	Barium	179	mg/kg	5.3	J+	4
TSB-HJ-11-10-FD	F8A260143015	SW6020	2/6/2008	Boron	<26.5	mg/kg	26.5	U	3,13
TSB-HJ-11-10-FD	F8A260143015	SW6020	2/6/2008	Cadmium	<0.13	mg/kg	0.13	U	3,13
TSB-HJ-11-10-FD	F8A260143015	SW6020	2/7/2008	Calcium	20900	mg/kg	265	J	17
TSB-HJ-11-10-FD	F8A260143015	SW6020	2/6/2008	Chromium (Total)	11.2	mg/kg	2.7	J+	4
TSB-HJ-11-10-FD	F8A260143015	SW6020	2/6/2008	Molybdenum	<1.3	mg/kg	1.3	U	3,13
TSB-HJ-11-10-FD	F8A260143015	SW6020	2/6/2008	Palladium	0.55	mg/kg	0.53	J+	4,5
TSB-HJ-11-10-FD	F8A260143015	SW6020	2/6/2008	Phosphorus (as P)	1240	mg/kg	265	J-	4
TSB-HJ-11-10-FD	F8A260143015	SW6020	2/6/2008	Silicon	578	mg/kg	66.2	J	4,17
TSB-HJ-11-10-FD	F8A260143015	SW6020	2/6/2008	Silver	0.12	mg/kg	0.53	J+	2,12
TSB-HJ-11-10-FD	F8A260143015	SW6020	2/6/2008	Strontium	230	mg/kg	1.3	J+	4
TSB-HJ-11-10-FD	F8A260143015	SW6020	2/6/2008	Thallium	<0.53	mg/kg	0.53	U	3,13
TSB-HJ-11-10-FD	F8A260143015	SW6020	2/6/2008	Tin	<0.53	mg/kg	0.53	U	3,13
TSB-HJ-11-10-FD	F8A260143015	SW6020	2/6/2008	Zirconium	24.6	mg/kg	26.5	J	2
TSB-HJ-11-10-FD	F8A260143015	SW8260	2/8/2008	Acetonitrile	< 53	ug/kg	53	UJ	12
TSB-HJ-11-10-FD	F8A260143015	SW8260	2/8/2008	Ethanol	< 260	ug/kg	260	UJ	12
TSB-HJ-11-10-FD	F8A260143015	SW8270	2/8/2008	Hydroxymethyl phthalimide	< 350	ug/kg	350	UJ	12
TSB-HJ-11-10-FD	F8A260143015	SW8270	2/8/2008	Unknown	<21000	ug/kg		U	3
TSB-HJ-11-10-FD	F8A260143015	SW9071B	2/6/2008	Oil & Grease (HEM)	< 212	mg/kg	212	UJ	4
TSB-HR-01-0	F8A260143016	E300	2/4/2008	Chloride	1.3	mg/kg	2.2	J	2
TSB-HR-01-0	F8A260143016	E300	2/4/2008	Sulfate	<5.5	mg/kg	5.5	U	13
TSB-HR-01-0	F8A260143016	E300.0	2/4/2008	Chlorine	2.6	mg/kg	4.4	J	2

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-HR-01-0	F8A260143016	SW6010	1/30/2008	Lithium	<10.9	mg/kg	10.9	U	3
TSB-HR-01-0	F8A260143016	SW6020	2/6/2008	Antimony	0.2	mg/kg	1.4	J-	2,4
TSB-HR-01-0	F8A260143016	SW6020	2/6/2008	Arsenic	2.3	mg/kg	2.7	J	2
TSB-HR-01-0	F8A260143016	SW6020	2/6/2008	Barium	190	mg/kg	5.5	J+	4
TSB-HR-01-0	F8A260143016	SW6020	2/6/2008	Boron	<27.4	mg/kg	27.4	U	3,13
TSB-HR-01-0	F8A260143016	SW6020	2/6/2008	Cadmium	<0.14	mg/kg	0.14	U	3,13
TSB-HR-01-0	F8A260143016	SW6020	2/6/2008	Chromium (Total)	13.9	mg/kg	2.7	J+	4
TSB-HR-01-0	F8A260143016	SW6020	2/6/2008	Molybdenum	<1.4	mg/kg	1.4	U	3,13
TSB-HR-01-0	F8A260143016	SW6020	2/6/2008	Palladium	0.39	mg/kg	0.55	J+	2,4,5
TSB-HR-01-0	F8A260143016	SW6020	2/6/2008	Phosphorus (as P)	894	mg/kg	274	J-	4
TSB-HR-01-0	F8A260143016	SW6020	2/6/2008	Silicon	248	mg/kg	68.4	J-	4
TSB-HR-01-0	F8A260143016	SW6020	2/6/2008	Silver	0.11	mg/kg	0.55	J+	2,12
TSB-HR-01-0	F8A260143016	SW6020	2/6/2008	Strontium	173	mg/kg	1.4	J+	4
TSB-HR-01-0	F8A260143016	SW6020	2/6/2008	Tungsten	<1.4	mg/kg	1.4	U	3,13
TSB-HR-01-0	F8A260143016	SW6020	2/6/2008	Zirconium	21.9	mg/kg	27.4	J	2
TSB-HR-01-0	F8A260143016	SW7471	1/30/2008	Mercury	15.7	ug/kg	36.5	J	2
TSB-HR-01-0	F8A260143016	SW8260	2/8/2008	Acetonitrile	< 55	ug/kg	55	UJ	12
TSB-HR-01-0	F8A260143016	SW8260	2/8/2008	Ethanol	< 270	ug/kg	270	UJ	12
TSB-HR-01-0	F8A260143016	SW8270	2/8/2008	Hydroxymethyl phthalimide	< 360	ug/kg	360	UJ	12
TSB-HR-01-0	F8A260143016	SW8270	2/8/2008	Unknown	<25000	ug/kg		U	3
TSB-HR-01-0	F8A260143016	SW9071B	2/6/2008	Oil & Grease (HEM)	< 219	mg/kg	219	UJ	4
TSB-HR-01-0_01/25/2008	KF6FK1AE	EPA 903.1	3/11/2008	RADIUM-226	8.07E-01	pci/g	1	J	2
TSB-HR-01-0_01/25/2008	KF6FK1AF	EPA 904.0	3/13/2008	RADIUM-228	1.41E+00	pci/g	2	J	2
TSB-HR-01-0_01/25/2008	KF6FK1AA	HASL-300 U Mod	2/22/2008	URANIUM-233/234	9.83E-01	pci/g	1	J	2
TSB-HR-01-0_01/25/2008	KF6FK1AA	HASL-300 U Mod	2/22/2008	URANIUM-238	8.39E-01	pci/g	1	J	2
TSB-HR-01-10	F8A260143017	E300	2/4/2008	Bromide	1.5	mg/kg	2.6	J	2
TSB-HR-01-10	F8A260143017	E300	2/4/2008	Chlorate	1.4	mg/kg	5.3	J	2
TSB-HR-01-10	F8A260143017	E300.0	2/4/2008	Bromine	3	mg/kg	5.3	J	2
TSB-HR-01-10	F8A260143017	SW6020	2/6/2008	Antimony	0.16	mg/kg	1.3	J-	2,4
TSB-HR-01-10	F8A260143017	SW6020	2/6/2008	Barium	139	mg/kg	5.3	J+	4
TSB-HR-01-10	F8A260143017	SW6020	2/6/2008	Boron	<26.4	mg/kg	26.4	U	3,13
TSB-HR-01-10	F8A260143017	SW6020	2/6/2008	Cadmium	<0.13	mg/kg	0.13	U	3,13
TSB-HR-01-10	F8A260143017	SW6020	2/6/2008	Chromium (Total)	10.3	mg/kg	2.6	J+	4
TSB-HR-01-10	F8A260143017	SW6020	2/6/2008	Molybdenum	<1.3	mg/kg	1.3	U	3,13
TSB-HR-01-10	F8A260143017	SW6020	2/6/2008	Palladium	0.42	mg/kg	0.26	J+	4,5

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-HR-01-10	F8A260143017	SW6020	2/6/2008	Phosphorus (as P)	860	mg/kg	132	J-	4
TSB-HR-01-10	F8A260143017	SW6020	2/6/2008	Silicon	219	mg/kg	66	J-	4
TSB-HR-01-10	F8A260143017	SW6020	2/6/2008	Silver	0.094	mg/kg	0.53	J+	2,12
TSB-HR-01-10	F8A260143017	SW6020	2/6/2008	Strontium	187	mg/kg	1.3	J+	4
TSB-HR-01-10	F8A260143017	SW6020	2/6/2008	Tin	<0.53	mg/kg	0.53	U	3,13
TSB-HR-01-10	F8A260143017	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	U	3,13
TSB-HR-01-10	F8A260143017	SW6020	2/6/2008	Zirconium	20.9	mg/kg	26.4	J	2
TSB-HR-01-10	F8A260143017	SW8260	2/8/2008	Acetonitrile	< 53	ug/kg	53	UJ	12
TSB-HR-01-10	F8A260143017	SW8260	2/8/2008	Ethanol	< 260	ug/kg	260	UJ	12
TSB-HR-01-10	F8A260143017	SW8270	2/8/2008	Hydroxymethyl phthalimide	< 350	ug/kg	350	UJ	12
TSB-HR-01-10	F8A260143017	SW8270	2/8/2008	Unknown	<24000	ug/kg		U	3
TSB-HR-01-10	F8A260143017	SW9071B	2/6/2008	Oil & Grease (HEM)	< 211	mg/kg	211	UJ	4
TSB-HR-01-10_01/25/2008	KF6FL1AF	EPA 904.0	3/13/2008	RADIUM-228	1.83E+00	pci/g	2	J	2
TSB-HR-01-10_01/25/2008	KF6FL1AA	HASL-300 U Mod	2/25/2008	URANIUM-235/236	5.72E-02	pci/g	1	J	2
TSB-HR-02-0	F8A260143011	E300	2/4/2008	Chloride	0.65	mg/kg	2.1	J	2
TSB-HR-02-0	F8A260143011	E300.0	2/4/2008	Chlorine	1.3	mg/kg	4.2	J	2
TSB-HR-02-0	F8A260143011	SW6010	1/30/2008	Lithium	<10.6	mg/kg	10.6	U	3
TSB-HR-02-0	F8A260143011	SW6020	2/6/2008	Antimony	0.18	mg/kg	1.3	J-	2,4
TSB-HR-02-0	F8A260143011	SW6020	2/6/2008	Arsenic	2.5	mg/kg	2.6	J	2
TSB-HR-02-0	F8A260143011	SW6020	2/6/2008	Barium	160	mg/kg	5.3	J+	4
TSB-HR-02-0	F8A260143011	SW6020	2/6/2008	Cadmium	<0.13	mg/kg	0.13	U	3,13
TSB-HR-02-0	F8A260143011	SW6020	2/6/2008	Chromium (Total)	8.6	mg/kg	2.6	J+	4
TSB-HR-02-0	F8A260143011	SW6020	2/6/2008	Molybdenum	<1.3	mg/kg	1.3	U	3,13
TSB-HR-02-0	F8A260143011	SW6020	2/6/2008	Palladium	0.31	mg/kg	0.53	J+	2,4,5,12
TSB-HR-02-0	F8A260143011	SW6020	2/6/2008	Phosphorus (as P)	1480	mg/kg	264	J-	4
TSB-HR-02-0	F8A260143011	SW6020	2/6/2008	Silicon	422	mg/kg	65.9	J-	4
TSB-HR-02-0	F8A260143011	SW6020	2/6/2008	Silver	0.081	mg/kg	0.53	J+	2,12
TSB-HR-02-0	F8A260143011	SW6020	2/6/2008	Strontium	133	mg/kg	1.3	J+	4
TSB-HR-02-0	F8A260143011	SW6020	2/6/2008	Tin	<0.53	mg/kg	0.53	U	3,13
TSB-HR-02-0	F8A260143011	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	U	3,13
TSB-HR-02-0	F8A260143011	SW6020	2/6/2008	Zirconium	17.6	mg/kg	26.4	J	2
TSB-HR-02-0	F8A260143011	SW8260	2/7/2008	Acetone	<21	ug/kg	21	U	13
TSB-HR-02-0	F8A260143011	SW8260	2/7/2008	Acetonitrile	< 53	ug/kg	53	UJ	12
TSB-HR-02-0	F8A260143011	SW8260	2/7/2008	Dichloromethane	<7.1	ug/kg	5.3	U	3,13
TSB-HR-02-0	F8A260143011	SW8260	2/7/2008	Ethanol	< 260	ug/kg	260	UJ	12

TABLE 3-1
SUMMARY OF QUALIFIED DATA RESULTS
TRONOX PARCEL H INVESTIGATION
JANUARY 2008
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Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Qualifier	Reason_Code
TSB-HR-02-0	F8A260143011	SW8270	2/7/2008	Hydroxymethyl phthalimide	< 350	ug/kg	350	UJ	12
TSB-HR-02-0	F8A260143011	SW8270	2/7/2008	Unknown	<24000	ug/kg		U	3
TSB-HR-02-0	F8A260143011	SW8290	2/8/2008	1,2,3,4,7,8-Hexachlorodibenzofuran	3.9	pg/g		J	2
TSB-HR-02-0	F8A260143011	SW9071B	2/6/2008	Oil & Grease (HEM)	< 211	mg/kg	211	UJ	4
TSB-HR-02-0_01/25/2008	KF6E51AF	EPA 904.0	3/5/2008	RADIUM-228	2.24E+00	pci/g	2	J	19
TSB-HR-02-0_01/25/2008	KF6E51AA	HASL-300 U Mod	2/22/2008	URANIUM-235/236	4.27E-02	pci/g	1	J	2
TSB-HR-02-10	F8A260143012	E300	2/4/2008	Chlorate	2.5	mg/kg	5.3	J	2
TSB-HR-02-10	F8A260143012	SW6020	2/6/2008	Antimony	0.18	mg/kg	1.3	J-	2,4
TSB-HR-02-10	F8A260143012	SW6020	2/6/2008	Barium	159	mg/kg	5.3	J+	4
TSB-HR-02-10	F8A260143012	SW6020	2/6/2008	Boron	<26.5	mg/kg	26.5	U	3,13
TSB-HR-02-10	F8A260143012	SW6020	2/6/2008	Cadmium	<0.13	mg/kg	0.13	U	3,13
TSB-HR-02-10	F8A260143012	SW6020	2/6/2008	Chromium (Total)	10.8	mg/kg	2.7	J+	4
TSB-HR-02-10	F8A260143012	SW6020	2/6/2008	Molybdenum	<1.3	mg/kg	1.3	U	3,13
TSB-HR-02-10	F8A260143012	SW6020	2/6/2008	Palladium	0.47	mg/kg	0.53	J+	2,4,5
TSB-HR-02-10	F8A260143012	SW6020	2/6/2008	Phosphorus (as P)	1080	mg/kg	265	J-	4
TSB-HR-02-10	F8A260143012	SW6020	2/6/2008	Silicon	156	mg/kg	66.2	J-	4
TSB-HR-02-10	F8A260143012	SW6020	2/6/2008	Silver	0.097	mg/kg	0.53	J+	2,12
TSB-HR-02-10	F8A260143012	SW6020	2/6/2008	Strontium	220	mg/kg	1.3	J+	4
TSB-HR-02-10	F8A260143012	SW6020	2/6/2008	Tin	<0.53	mg/kg	0.53	U	3,13
TSB-HR-02-10	F8A260143012	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	U	3,13
TSB-HR-02-10	F8A260143012	SW6020	2/6/2008	Zirconium	21	mg/kg	26.5	J	2
TSB-HR-02-10	F8A260143012	SW7471	1/30/2008	Mercury	7.9	ug/kg	35.3	J	2
TSB-HR-02-10	F8A260143012	SW8260	2/7/2008	Acetone	<21	ug/kg	21	U	13
TSB-HR-02-10	F8A260143012	SW8260	2/7/2008	Acetonitrile	< 53	ug/kg	53	UJ	12
TSB-HR-02-10	F8A260143012	SW8260	2/7/2008	Dichloromethane	<8.3	ug/kg	5.3	U	3,13
TSB-HR-02-10	F8A260143012	SW8260	2/7/2008	Ethanol	< 260	ug/kg	260	UJ	12
TSB-HR-02-10	F8A260143012	SW8270	2/7/2008	Hydroxymethyl phthalimide	< 350	ug/kg	350	UJ	12
TSB-HR-02-10	F8A260143012	SW8270	2/7/2008	Unknown	<24000	ug/kg		U	3
TSB-HR-02-10	F8A260143012	SW9071B	2/6/2008	Oil & Grease (HEM)	< 212	mg/kg	212	UJ	4
TSB-HR-02-10_01/25/2008	KF6FA1AF	EPA 904.0	3/13/2008	RADIUM-228	1.48E+00	pci/g	2	J	2
TSB-HR-02-10_01/25/2008	KF6FA1AA	HASL-300 U Mod	2/22/2008	URANIUM-235/236	1.59E-01	pci/g	1	J	2
TSB-HR-03-0	F8A260143007	E300	2/4/2008	Chloride	0.99	mg/kg	2.1	J	2
TSB-HR-03-0	F8A260143007	E300	2/4/2008	Nitrite (as N)	0.13	mg/kg	0.21	J	2
TSB-HR-03-0	F8A260143007	E300	2/4/2008	Sulfate	<5.3	mg/kg	5.3	U	13
TSB-HR-03-0	F8A260143007	E300.0	2/4/2008	Chlorine	2	mg/kg	4.2	J	2

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Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Qualifier	Reason_Code
TSB-HR-03-0	F8A260143007	E314.0	1/31/2008	Perchlorate	11.9	ug/kg	42.4	J	2
TSB-HR-03-0	F8A260143007	SW6010	1/30/2008	Lithium	<10.6	mg/kg	10.6	U	3
TSB-HR-03-0	F8A260143007	SW6020	2/5/2008	Antimony	0.15	mg/kg	1.3	J-	2,4
TSB-HR-03-0	F8A260143007	SW6020	2/5/2008	Arsenic	1.6	mg/kg	2.7	J	2
TSB-HR-03-0	F8A260143007	SW6020	2/5/2008	Barium	132	mg/kg	5.3	J+	4
TSB-HR-03-0	F8A260143007	SW6020	2/5/2008	Cadmium	<0.13	mg/kg	0.13	U	3,13
TSB-HR-03-0	F8A260143007	SW6020	2/5/2008	Chromium (Total)	8.2	mg/kg	2.7	J+	4
TSB-HR-03-0	F8A260143007	SW6020	2/5/2008	Molybdenum	<1.3	mg/kg	1.3	U	3,13
TSB-HR-03-0	F8A260143007	SW6020	2/6/2008	Palladium	0.32	mg/kg	0.53	J+	2,4,5,12
TSB-HR-03-0	F8A260143007	SW6020	2/6/2008	Phosphorus (as P)	1890	mg/kg	265	J-	4
TSB-HR-03-0	F8A260143007	SW6020	2/5/2008	Silicon	419	mg/kg	66.2	J-	4
TSB-HR-03-0	F8A260143007	SW6020	2/5/2008	Silver	0.1	mg/kg	0.53	J+	2,12
TSB-HR-03-0	F8A260143007	SW6020	2/5/2008	Strontium	137	mg/kg	1.3	J+	4
TSB-HR-03-0	F8A260143007	SW6020	2/5/2008	Thallium	<0.53	mg/kg	0.53	U	3,13
TSB-HR-03-0	F8A260143007	SW6020	2/5/2008	Tungsten	<1.3	mg/kg	1.3	U	3,13
TSB-HR-03-0	F8A260143007	SW6020	2/5/2008	Zirconium	21.4	mg/kg	26.5	J	2
TSB-HR-03-0	F8A260143007	SW7471	1/30/2008	Mercury	8.7	ug/kg	35.3	J	2
TSB-HR-03-0	F8A260143007	SW8081	2/15/2008	2,4-DDD	< 1.8	ug/kg	1.8	X	1
TSB-HR-03-0	F8A260143007	SW8081	2/15/2008	2,4-DDE	< 1.8	ug/kg	1.8	X	1
TSB-HR-03-0	F8A260143007	SW8081	2/15/2008	4,4-DDD	< 1.8	ug/kg	1.8	X	1
TSB-HR-03-0	F8A260143007	SW8081	2/15/2008	4,4-DDE	< 1.8	ug/kg	1.8	X	1
TSB-HR-03-0	F8A260143007	SW8081	2/10/2008	4,4-DDE	3.6	ug/kg	1.8	J+	8
TSB-HR-03-0	F8A260143007	SW8081	2/10/2008	4,4-DDT	1.9	ug/kg	1.8	J+	8
TSB-HR-03-0	F8A260143007	SW8081	2/15/2008	4,4-DDT	< 1.8	ug/kg	1.8	X	1
TSB-HR-03-0	F8A260143007	SW8081	2/15/2008	Aldrin	< 1.8	ug/kg	1.8	X	1
TSB-HR-03-0	F8A260143007	SW8081	2/15/2008	alpha-BHC	< 1.8	ug/kg	1.8	X	1
TSB-HR-03-0	F8A260143007	SW8081	2/15/2008	alpha-Chlordane	< 1.8	ug/kg	1.8	X	1
TSB-HR-03-0	F8A260143007	SW8081	2/15/2008	beta-BHC	< 1.8	ug/kg	1.8	X	1
TSB-HR-03-0	F8A260143007	SW8081	2/10/2008	beta-BHC	2	ug/kg	1.8	J+	8
TSB-HR-03-0	F8A260143007	SW8081	2/15/2008	Chlordane	< 18	ug/kg	18	X	1
TSB-HR-03-0	F8A260143007	SW8081	2/15/2008	delta-BHC	< 1.8	ug/kg	1.8	X	1
TSB-HR-03-0	F8A260143007	SW8081	2/15/2008	Dieldrin	< 1.8	ug/kg	1.8	X	1
TSB-HR-03-0	F8A260143007	SW8081	2/15/2008	Endosulfan I	< 1.8	ug/kg	1.8	X	1
TSB-HR-03-0	F8A260143007	SW8081	2/15/2008	Endosulfan II	< 1.8	ug/kg	1.8	X	1
TSB-HR-03-0	F8A260143007	SW8081	2/15/2008	Endosulfan sulfate	< 1.8	ug/kg	1.8	X	1

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Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Qualifier	Reason_Code
TSB-HR-03-0	F8A260143007	SW8081	2/15/2008	Endrin	< 1.8	ug/kg	1.8	X	1
TSB-HR-03-0	F8A260143007	SW8081	2/15/2008	Endrin aldehyde	< 1.8	ug/kg	1.8	X	1
TSB-HR-03-0	F8A260143007	SW8081	2/15/2008	Endrin ketone	< 1.8	ug/kg	1.8	X	1
TSB-HR-03-0	F8A260143007	SW8081	2/15/2008	gamma-Chlordane	< 1.8	ug/kg	1.8	X	1
TSB-HR-03-0	F8A260143007	SW8081	2/15/2008	Heptachlor	< 1.8	ug/kg	1.8	X	1
TSB-HR-03-0	F8A260143007	SW8081	2/15/2008	Heptachlor epoxide	< 1.8	ug/kg	1.8	X	1
TSB-HR-03-0	F8A260143007	SW8081	2/15/2008	Lindane	< 1.8	ug/kg	1.8	X	1
TSB-HR-03-0	F8A260143007	SW8081	2/15/2008	Methoxychlor	< 3.5	ug/kg	3.5	X	1
TSB-HR-03-0	F8A260143007	SW8081	2/15/2008	Toxaphene	< 71	ug/kg	71	X	1
TSB-HR-03-0	F8A260143007	SW8260	2/7/2008	Acetonitrile	< 53	ug/kg	53	UJ	12
TSB-HR-03-0	F8A260143007	SW8260	2/7/2008	Dichloromethane	<16	ug/kg	5.3	U	3,13
TSB-HR-03-0	F8A260143007	SW8260	2/7/2008	Ethanol	< 260	ug/kg	260	UJ	12
TSB-HR-03-0	F8A260143007	SW8270	2/7/2008	Hydroxymethyl phthalimide	< 350	ug/kg	350	UJ	12
TSB-HR-03-0	F8A260143007	SW8270	2/7/2008	Unknown	<23000	ug/kg		U	3
TSB-HR-03-0	F8A260143007	SW9071B	2/6/2008	Oil & Grease (HEM)	< 212	mg/kg	212	UJ	4
TSB-HR-03-0_01/25/2008	KF6EW1AE	EPA 903.1	3/3/2008	RADIUM-226	8.05E-01	pci/g	1	J	2
TSB-HR-03-0_01/25/2008	KF6EW1AF	EPA 904.0	3/5/2008	RADIUM-228	1.05E+00	pci/g	2	J	2,19
TSB-HR-03-0_01/25/2008	KF6EW1AA	HASL-300 U Mod	2/22/2008	URANIUM-235/236	4.21E-02	pci/g	1	J	2
TSB-HR-03-0_01/25/2008	KF6EW1AA	HASL-300 U Mod	2/22/2008	URANIUM-238	9.58E-01	pci/g	1	J	2
TSB-HR-03-10	F8A260143008	E300	2/4/2008	Bromide	2.3	mg/kg	2.6	J	2
TSB-HR-03-10	F8A260143008	E300.0	2/4/2008	Bromine	4.5	mg/kg	5.3	J	2
TSB-HR-03-10	F8A260143008	E314.0	1/31/2008	Perchlorate	19.1	ug/kg	42.3	J	2
TSB-HR-03-10	F8A260143008	SW6020	2/5/2008	Antimony	0.18	mg/kg	1.3	J-	2,4
TSB-HR-03-10	F8A260143008	SW6020	2/5/2008	Barium	178	mg/kg	5.3	J+	4
TSB-HR-03-10	F8A260143008	SW6020	2/5/2008	Boron	<26.5	mg/kg	26.5	U	3,13
TSB-HR-03-10	F8A260143008	SW6020	2/5/2008	Cadmium	<0.13	mg/kg	0.13	U	3,13
TSB-HR-03-10	F8A260143008	SW6020	2/5/2008	Chromium (Total)	10.3	mg/kg	2.7	J+	4
TSB-HR-03-10	F8A260143008	SW6020	2/5/2008	Molybdenum	<1.3	mg/kg	1.3	U	3,13
TSB-HR-03-10	F8A260143008	SW6020	2/6/2008	Palladium	0.5	mg/kg	1.1	J+	2,4,5,12
TSB-HR-03-10	F8A260143008	SW6020	2/6/2008	Phosphorus (as P)	1440	mg/kg	529	J-	4
TSB-HR-03-10	F8A260143008	SW6020	2/5/2008	Silicon	300	mg/kg	66.1	J-	4
TSB-HR-03-10	F8A260143008	SW6020	2/5/2008	Silver	0.1	mg/kg	0.53	J+	2,12
TSB-HR-03-10	F8A260143008	SW6020	2/5/2008	Strontium	278	mg/kg	1.3	J+	4
TSB-HR-03-10	F8A260143008	SW6020	2/5/2008	Tungsten	<1.3	mg/kg	1.3	U	3,13
TSB-HR-03-10	F8A260143008	SW6020	2/5/2008	Zirconium	24.5	mg/kg	26.5	J	2

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Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Qualifier	Reason_Code
TSB-HR-03-10	F8A260143008	SW8260	2/7/2008	Acetonitrile	21	ug/kg	53	J-	2,12
TSB-HR-03-10	F8A260143008	SW8260	2/7/2008	Dichloromethane	<15	ug/kg	5.3	U	3,13
TSB-HR-03-10	F8A260143008	SW8260	2/7/2008	Ethanol	< 260	ug/kg	260	UJ	12
TSB-HR-03-10	F8A260143008	SW8270	2/7/2008	Hydroxymethyl phthalimide	< 350	ug/kg	350	UJ	12
TSB-HR-03-10	F8A260143008	SW8270	2/7/2008	Unknown	<23000	ug/kg		U	3
TSB-HR-03-10	F8A260143008	SW9071B	2/6/2008	Oil & Grease (HEM)	< 212	mg/kg	212	UJ	4
TSB-HR-03-10_01/25/2008	KF6E01AF	EPA 904.0	3/5/2008	RADIUM-228	1.21E+00	pci/g	2	J	2,19
TSB-HR-03-10_01/25/2008	KF6E01AA	HASL-300 U Mod	2/22/2008	URANIUM-235/236	6.96E-02	pci/g	1	J	2
TSB-HR-04-0	F8A250221005	E300	2/1/2008	Fluoride	0.62	mg/kg	1	J	2
TSB-HR-04-0	F8A250221005	SW6010	1/30/2008	Lithium	<20.9	mg/kg	20.9	U	3
TSB-HR-04-0	F8A250221005	SW6020	2/1/2008	Antimony	< 1	mg/kg	1	UJ	4
TSB-HR-04-0	F8A250221005	SW6020	2/1/2008	Arsenic	1.3	mg/kg	2.1	J	2
TSB-HR-04-0	F8A250221005	SW6020	2/1/2008	Barium	145	mg/kg	4.2	J+	4
TSB-HR-04-0	F8A250221005	SW6020	2/5/2008	Cadmium	<0.13	mg/kg	0.13	U	3
TSB-HR-04-0	F8A250221005	SW6020	2/6/2008	Calcium	12600	mg/kg	130	J+	4
TSB-HR-04-0	F8A250221005	SW6020	2/1/2008	Chromium (Total)	10.4	mg/kg	2.1	J+	4
TSB-HR-04-0	F8A250221005	SW6020	2/1/2008	Lead	7	mg/kg	0.63	J+	4
TSB-HR-04-0	F8A250221005	SW6020	2/5/2008	Magnesium	7460	mg/kg	130	J+	4
TSB-HR-04-0	F8A250221005	SW6020	2/1/2008	Molybdenum	0.41	mg/kg	1	J	2
TSB-HR-04-0	F8A250221005	SW6020	2/1/2008	Niobium	<5.2	mg/kg	5.2	UJ	3,4
TSB-HR-04-0	F8A250221005	SW6020	2/5/2008	Palladium	0.25	mg/kg	0.26	J+	2,5
TSB-HR-04-0	F8A250221005	SW6020	2/5/2008	Phosphorus (as P)	1010	mg/kg	130	J-	4
TSB-HR-04-0	F8A250221005	SW6020	2/1/2008	Silicon	112	mg/kg	52.1	J+	4
TSB-HR-04-0	F8A250221005	SW6020	2/1/2008	Strontium	122	mg/kg	1	J+	4
TSB-HR-04-0	F8A250221005	SW6020	2/1/2008	Tin	0.084	mg/kg	0.42	J	2
TSB-HR-04-0	F8A250221005	SW6020	2/5/2008	Tungsten	<1.3	mg/kg	1.3	U	3
TSB-HR-04-0	F8A250221005	SW6020	2/1/2008	Vanadium	35.3	mg/kg	2.1	J+	4
TSB-HR-04-0	F8A250221005	SW6020	2/1/2008	Zinc	31.7	mg/kg	4.2	J+	4
TSB-HR-04-0	F8A250221005	SW6020	2/1/2008	Zirconium	20.1	mg/kg	20.9	J	2
TSB-HR-04-0	F8A250221005	SW7471	1/30/2008	Mercury	13.6	ug/kg	34.8	J	2
TSB-HR-04-0	F8A250221005	SW8260	2/5/2008	Acetone	<21	ug/kg	21	UJ	2,13
TSB-HR-04-0	F8A250221005	SW8260	2/5/2008	Acetonitrile	< 52	ug/kg	52	UJ	12
TSB-HR-04-0	F8A250221005	SW8260	2/5/2008	Ethanol	< 260	ug/kg	260	UJ	12
TSB-HR-04-0	F8A250221005	SW8270	2/7/2008	Diacetone alcohol	<7700	ug/kg		U	3
TSB-HR-04-0	F8A250221005	SW8290	2/20/2008	Octachlorodibenzodioxin	<10	pg/g	10	U	3

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Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Qualifier	Reason_Code
TSB-HR-04-0	F8A250221005	SW9071B	2/5/2008	Oil & Grease (HEM)	< 209	mg/kg	209	UJ	4
TSB-HR-04-0_01/24/2008	KF5F12AF	EPA 904.0	3/28/2008	RADIUM-228	1.87E+00	pci/g	2	J	2
TSB-HR-04-0_01/24/2008	KF5F11AA	HASL-300 U Mod	2/20/2008	URANIUM-233/234	9.37E-01	pci/g	1	J	2
TSB-HR-04-10	F8A250221003	E300	2/1/2008	Chlorate	3.1	mg/kg	5.3	J	2
TSB-HR-04-10	F8A250221003	SW6010	1/30/2008	Sulfur	1310	mg/kg	2120	J	2
TSB-HR-04-10	F8A250221003	SW6020	2/1/2008	Antimony	< 1.3	mg/kg	1.3	UJ	4
TSB-HR-04-10	F8A250221003	SW6020	2/1/2008	Barium	201	mg/kg	5.3	J+	4
TSB-HR-04-10	F8A250221003	SW6020	2/5/2008	Beryllium	0.66	mg/kg	2.7	J	2
TSB-HR-04-10	F8A250221003	SW6020	2/6/2008	Calcium	62200	mg/kg	1330	J+	4
TSB-HR-04-10	F8A250221003	SW6020	2/1/2008	Chromium (Total)	8.4	mg/kg	2.7	J+	4
TSB-HR-04-10	F8A250221003	SW6020	2/5/2008	Copper	20	mg/kg	26.5	J	2
TSB-HR-04-10	F8A250221003	SW6020	2/1/2008	Lead	5.7	mg/kg	0.8	J+	4
TSB-HR-04-10	F8A250221003	SW6020	2/5/2008	Magnesium	13500	mg/kg	1330	J+	4
TSB-HR-04-10	F8A250221003	SW6020	2/1/2008	Molybdenum	0.6	mg/kg	1.3	J	2
TSB-HR-04-10	F8A250221003	SW6020	2/1/2008	Niobium	<6.6	mg/kg	6.6	UJ	3,4
TSB-HR-04-10	F8A250221003	SW6020	2/5/2008	Palladium	1	mg/kg	2.7	J+	2,5
TSB-HR-04-10	F8A250221003	SW6020	2/5/2008	Phosphorus (as P)	1330	mg/kg	1330	J-	4
TSB-HR-04-10	F8A250221003	SW6020	2/1/2008	Silicon	128	mg/kg	66.3	J+	4
TSB-HR-04-10	F8A250221003	SW6020	2/1/2008	Strontium	500	mg/kg	1.3	J+	4
TSB-HR-04-10	F8A250221003	SW6020	2/5/2008	Uranium	1.7	mg/kg	2.7	J	2
TSB-HR-04-10	F8A250221003	SW6020	2/1/2008	Vanadium	32.1	mg/kg	2.7	J+	4
TSB-HR-04-10	F8A250221003	SW6020	2/1/2008	Zinc	25.7	mg/kg	5.3	J+	4
TSB-HR-04-10	F8A250221003	SW6020	2/1/2008	Zirconium	22.6	mg/kg	26.5	J	2
TSB-HR-04-10	F8A250221003	SW8260	2/5/2008	Acetonitrile	< 53	ug/kg	53	UJ	12
TSB-HR-04-10	F8A250221003	SW8260	2/5/2008	Ethanol	< 270	ug/kg	270	UJ	12
TSB-HR-04-10	F8A250221003	SW8270	2/7/2008	Unknown	<7800	ug/kg		U	3
TSB-HR-04-10	F8A250221003	SW8290	2/20/2008	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.071	pg/g	5.3	J	2
TSB-HR-04-10	F8A250221003	SW8290	2/20/2008	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.088	pg/g	5.3	J	2
TSB-HR-04-10	F8A250221003	SW8290	2/20/2008	Octachlorodibenzodioxin	<11	pg/g	11	U	3
TSB-HR-04-10	F8A250221003	SW8290	2/20/2008	Octachlorodibenzofuran	<11	pg/g	11	U	3
TSB-HR-04-10	F8A250221003	SW9071B	2/5/2008	Oil & Grease (HEM)	< 212	mg/kg	212	UJ	4
TSB-HR-04-10_01/24/2008	KF5FX2AF	EPA 904.0	3/28/2008	RADIUM-228	1.40E+00	pci/g	2	J	2
TSB-HR-04-10_01/24/2008	KF5FX1AA	HASL-300 U Mod	2/20/2008	URANIUM-235/236	7.09E-02	pci/g	1	J	2
TSB-HR-05-0	F8A290158008	E300	2/5/2008	Chloride	11.2	mg/kg	2.2	J-	4
TSB-HR-05-0	F8A290158008	E300.0	2/5/2008	Chlorine	22.4	mg/kg	0.87	J-	4

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-HR-05-0	F8A290158008	SW6020	2/6/2008	Antimony	< 5.4	mg/kg	5.4	UJ	4
TSB-HR-05-0	F8A290158008	SW6020	2/6/2008	Arsenic	4	mg/kg	10.9	J	2
TSB-HR-05-0	F8A290158008	SW6020	2/6/2008	Barium	97.2	mg/kg	21.8	J-	4
TSB-HR-05-0	F8A290158008	SW6020	2/6/2008	Beryllium	0.35	mg/kg	1.1	J	2
TSB-HR-05-0	F8A290158008	SW6020	2/6/2008	Cadmium	<0.54	mg/kg	0.54	U	3,13
TSB-HR-05-0	F8A290158008	SW6020	2/6/2008	Chromium (Total)	6.4	mg/kg	10.9	J	2
TSB-HR-05-0	F8A290158008	SW6020	2/6/2008	Copper	7.2	mg/kg	10.9	J	2
TSB-HR-05-0	F8A290158008	SW6020	2/6/2008	Magnesium	6110	mg/kg	544	J+	4
TSB-HR-05-0	F8A290158008	SW6020	2/6/2008	Manganese	300	mg/kg	5.4	J	15
TSB-HR-05-0	F8A290158008	SW6020	2/6/2008	Phosphorus (as P)	667	mg/kg	2720	J	2
TSB-HR-05-0	F8A290158008	SW6020	2/6/2008	Silicon	156	mg/kg	272	J	2
TSB-HR-05-0	F8A290158008	SW6020	2/6/2008	Sodium	<218	mg/kg	218	U	3,13
TSB-HR-05-0	F8A290158008	SW6020	2/6/2008	Strontium	217	mg/kg	5.4	J	15
TSB-HR-05-0	F8A290158008	SW6020	2/6/2008	Uranium	0.81	mg/kg	1.1	J	2
TSB-HR-05-0	F8A290158008	SW6020	2/6/2008	Zirconium	9	mg/kg	109	J	2
TSB-HR-05-0	F8A290158008	SW8260	2/11/2008	Acetone	<22	ug/kg	22	U	13
TSB-HR-05-0	F8A290158008	SW8260	2/11/2008	Dichloromethane	<7.8	ug/kg	5.4	U	13
TSB-HR-05-0	F8A290158008	SW8260	2/11/2008	Ethanol	< 270	ug/kg	270	UJ	12
TSB-HR-05-0	F8A290158008	SW8260	2/11/2008	Toluene	1	ug/kg	5.4	J	2
TSB-HR-05-0	F8A290158008	SW8270	2/8/2008	Unknown	<22000	ug/kg		U	3
TSB-HR-05-0	F8A290158008	SW8290	2/24/2008	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.6	pg/g	5.4	J	2
TSB-HR-05-0	F8A290158008	SW8290	2/24/2008	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<5.4	pg/g	5.4	U	13
TSB-HR-05-0	F8A290158008	SW8290	2/24/2008	1,2,3,4,7,8,9-Heptachlorodibenzofuran	0.21	pg/g	5.4	J	2
TSB-HR-05-0	F8A290158008	SW8290	2/24/2008	1,2,3,4,7,8-Hexachlorodibenzofuran	0.26	pg/g	5.4	J	2
TSB-HR-05-0	F8A290158008	SW8290	2/24/2008	1,2,3,6,7,8-Hexachlorodibenzofuran	<5.4	pg/g	5.4	U	13
TSB-HR-05-0	F8A290158008	SW8290	2/24/2008	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	0.29	pg/g	5.4	J	2
TSB-HR-05-0	F8A290158008	SW8290	2/24/2008	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.16	pg/g	5.4	J	2
TSB-HR-05-0	F8A290158008	SW8290	2/24/2008	1,2,3,7,8-Pentachlorodibenzofuran	0.19	pg/g	5.4	J	2
TSB-HR-05-0	F8A290158008	SW8290	2/25/2008	2,3,7,8-Tetrachlorodibenzofuran	0.41	pg/g	1.1	J	2
TSB-HR-05-0	F8A290158008	SW8290	2/24/2008	Octachlorodibenzodioxin	<11	pg/g	11	U	13
TSB-HR-05-0	F8A290158008	SW8290	2/24/2008	Octachlorodibenzofuran	<11	pg/g	11	U	13
TSB-HR-05-0	F8A290158008	SW9071B	2/7/2008	Oil & Grease (HEM)	< 218	mg/kg	218	UJ	4
TSB-HR-05-0_01/28/2008	KF8PE1AF	EPA 904.0	3/12/2008	RADIUM-228	1.30E+00	pci/g	2	J	2
TSB-HR-05-0_01/28/2008	KF8PE1AA	HASL-300 U Mod	2/25/2008	URANIUM-235/236	4.94E-02	pci/g	1	J	2
TSB-HR-05-10	F8A290158009	E300	2/4/2008	Bromide	1.8	mg/kg	2.7	J	2

TABLE 3-1
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Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Qualifier	Reason_Code
TSB-HR-05-10	F8A290158009	E300.0	2/4/2008	Bromine	3.6	mg/kg	5.4	J	2
TSB-HR-05-10	F8A290158009	M8015D	2/7/2008	TPH (as Diesel)	< 27	mg/kg	27	UJ	8
TSB-HR-05-10	F8A290158009	SW6020	2/6/2008	Antimony	0.18	mg/kg	1.3	J-	2,4
TSB-HR-05-10	F8A290158009	SW6020	2/6/2008	Barium	275	mg/kg	5.4	J-	4
TSB-HR-05-10	F8A290158009	SW6020	2/6/2008	Boron	<26.8	mg/kg	26.8	U	3
TSB-HR-05-10	F8A290158009	SW6020	2/6/2008	Cadmium	<0.13	mg/kg	0.13	U	3,13
TSB-HR-05-10	F8A290158009	SW6020	2/6/2008	Magnesium	9790	mg/kg	134	J+	4
TSB-HR-05-10	F8A290158009	SW6020	2/6/2008	Manganese	331	mg/kg	1.3	J	15
TSB-HR-05-10	F8A290158009	SW6020	2/6/2008	Molybdenum	0.46	mg/kg	1.3	J	2
TSB-HR-05-10	F8A290158009	SW6020	2/7/2008	Palladium	0.73	mg/kg	0.54	J+	4
TSB-HR-05-10	F8A290158009	SW6020	2/6/2008	Silver	<0.54	mg/kg	0.54	UJ	3,12
TSB-HR-05-10	F8A290158009	SW6020	2/6/2008	Strontium	394	mg/kg	1.3	J	15
TSB-HR-05-10	F8A290158009	SW6020	2/6/2008	Tin	<0.54	mg/kg	0.54	U	3,13
TSB-HR-05-10	F8A290158009	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	U	3,13
TSB-HR-05-10	F8A290158009	SW6020	2/6/2008	Zirconium	22.2	mg/kg	26.8	J	2
TSB-HR-05-10	F8A290158009	SW8260	2/11/2008	Dichloromethane	<6.5	ug/kg	5.4	U	13
TSB-HR-05-10	F8A290158009	SW8260	2/11/2008	Ethanol	< 270	ug/kg	270	UJ	12
TSB-HR-05-10	F8A290158009	SW8270	2/8/2008	Unknown	<22000	ug/kg		U	3
TSB-HR-05-10	F8A290158009	SW8290	2/24/2008	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.04	pg/g	5.4	J	2
TSB-HR-05-10	F8A290158009	SW8290	2/24/2008	Octachlorodibenzodioxin	<11	pg/g	11	U	3,13
TSB-HR-05-10	F8A290158009	SW9071B	2/7/2008	Oil & Grease (HEM)	< 214	mg/kg	214	UJ	4
TSB-HR-05-10_01/28/2008	KF8PG1AJ	EPA 904.0	3/12/2008	RADIUM-228	1.06E+00	pci/g	2	J	2
TSB-HR-05-10_01/28/2008	KF8PG1AA	HASL-300 U Mod	2/25/2008	URANIUM-235/236	8.73E-02	pci/g	1	J	2
TSB-HR-06-0	F8A290158003	E300	2/4/2008	Chloride	0.4	mg/kg	2.1	J	2
TSB-HR-06-0	F8A290158003	E300	2/4/2008	Nitrate (as N)	0.26	mg/kg	0.21	J	17
TSB-HR-06-0	F8A290158003	E300	2/4/2008	Sulfate	<5.2	mg/kg	5.2	UJ	13,17
TSB-HR-06-0	F8A290158003	E300.0	2/4/2008	Chlorine	0.79	mg/kg	4.2	J	2
TSB-HR-06-0	F8A290158003	SW6010	1/31/2008	Lithium	5.7	mg/kg	10.4	J	2
TSB-HR-06-0	F8A290158003	SW6020	2/6/2008	Antimony	0.16	mg/kg	1.3	J-	2,4
TSB-HR-06-0	F8A290158003	SW6020	2/6/2008	Arsenic	2.1	mg/kg	2.6	J	2
TSB-HR-06-0	F8A290158003	SW6020	2/6/2008	Barium	161	mg/kg	5.2	J-	4
TSB-HR-06-0	F8A290158003	SW6020	2/6/2008	Boron	<26.1	mg/kg	26.1	U	3
TSB-HR-06-0	F8A290158003	SW6020	2/6/2008	Magnesium	9570	mg/kg	131	J+	4
TSB-HR-06-0	F8A290158003	SW6020	2/6/2008	Manganese	390	mg/kg	1.3	J	15
TSB-HR-06-0	F8A290158003	SW6020	2/6/2008	Molybdenum	0.58	mg/kg	1.3	J	2

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-HR-06-0	F8A290158003	SW6020	2/6/2008	Niobium	<6.5	mg/kg	6.5	UJ	3,4,13
TSB-HR-06-0	F8A290158003	SW6020	2/6/2008	Palladium	0.22	mg/kg	0.52	J+	2,4,12
TSB-HR-06-0	F8A290158003	SW6020	2/6/2008	Silicon	194	mg/kg	65.2	J	17
TSB-HR-06-0	F8A290158003	SW6020	2/6/2008	Silver	<0.52	mg/kg	0.52	UJ	3,12
TSB-HR-06-0	F8A290158003	SW6020	2/6/2008	Strontium	111	mg/kg	1.3	J	15
TSB-HR-06-0	F8A290158003	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	U	3,13
TSB-HR-06-0	F8A290158003	SW6020	2/6/2008	Zirconium	20.9	mg/kg	26.1	J	2
TSB-HR-06-0	F8A290158003	SW8260	2/11/2008	Dichloromethane	<7.4	ug/kg	5.2	U	13
TSB-HR-06-0	F8A290158003	SW8260	2/11/2008	Ethanol	< 260	ug/kg	260	UJ	12
TSB-HR-06-0	F8A290158003	SW8260	2/11/2008	Toluene	0.54	ug/kg	5.2	J	2
TSB-HR-06-0	F8A290158003	SW8270	2/8/2008	Unknown	<23000	ug/kg		U	3
TSB-HR-06-0	F8A290158003	SW8290	2/23/2008	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.19	pg/g	5.2	J	2
TSB-HR-06-0	F8A290158003	SW8290	2/23/2008	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	<5.2	pg/g	5.2	U	13
TSB-HR-06-0	F8A290158003	SW8290	2/23/2008	Octachlorodibenzodioxin	<10	pg/g	10	U	13
TSB-HR-06-0	F8A290158003	SW8290	2/23/2008	Octachlorodibenzofuran	<10	pg/g	10	U	13
TSB-HR-06-0	F8A290158003	SW9071B	2/7/2008	Oil & Grease (HEM)	< 209	mg/kg	209	UJ	4
TSB-HR-06-0 FD_01/28/2008	KF8N61AE	EPA 903.1	3/10/2008	RADIUM-226	6.98E-01	pci/g	1	J	2
TSB-HR-06-0 FD_01/28/2008	KF8N61AF	EPA 904.0	3/12/2008	RADIUM-228	1.17E+00	pci/g	2	J	2
TSB-HR-06-0_01/28/2008	KF8N51AE	EPA 903.1	3/10/2008	RADIUM-226	7.11E-01	pci/g	1	J	2
TSB-HR-06-0_01/28/2008	KF8N51AF	EPA 904.0	3/12/2008	RADIUM-228	1.63E+00	pci/g	2	J	2
TSB-HR-06-0_01/28/2008	KF8N51AA	HASL-300 U Mod	2/25/2008	URANIUM-235/236	2.91E-02	pci/g	1	J	2
TSB-HR-06-0-FD	F8A290158004	E300	2/4/2008	Chloride	0.81	mg/kg	2.2	J	2
TSB-HR-06-0-FD	F8A290158004	E300	2/4/2008	Nitrate (as N)	0.68	mg/kg	0.22	J	17
TSB-HR-06-0-FD	F8A290158004	E300	2/4/2008	Sulfate	15.4	mg/kg	5.4	J	17
TSB-HR-06-0-FD	F8A290158004	E300.0	2/4/2008	Chlorine	1.6	mg/kg	4.3	J	2
TSB-HR-06-0-FD	F8A290158004	E314.0	2/5/2008	Perchlorate	2.4	ug/kg	10.8	J	2
TSB-HR-06-0-FD	F8A290158004	SW6010	1/31/2008	Lithium	3.2	mg/kg	10.8	J	2
TSB-HR-06-0-FD	F8A290158004	SW6020	2/6/2008	Antimony	0.15	mg/kg	1.4	J-	2,4
TSB-HR-06-0-FD	F8A290158004	SW6020	2/6/2008	Arsenic	1.7	mg/kg	2.7	J	2
TSB-HR-06-0-FD	F8A290158004	SW6020	2/6/2008	Barium	110	mg/kg	5.4	J-	4
TSB-HR-06-0-FD	F8A290158004	SW6020	2/6/2008	Boron	<27	mg/kg	27	U	3
TSB-HR-06-0-FD	F8A290158004	SW6020	2/6/2008	Cadmium	<0.14	mg/kg	0.14	U	3,13
TSB-HR-06-0-FD	F8A290158004	SW6020	2/6/2008	Magnesium	9060	mg/kg	135	J+	4
TSB-HR-06-0-FD	F8A290158004	SW6020	2/6/2008	Manganese	296	mg/kg	1.4	J	15
TSB-HR-06-0-FD	F8A290158004	SW6020	2/6/2008	Molybdenum	0.36	mg/kg	1.4	J	2

TABLE 3-1
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Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Qualifier	Reason_Code
TSB-HR-06-0-FD	F8A290158004	SW6020	2/6/2008	Palladium	0.21	mg/kg	0.54	J+	2,4,12
TSB-HR-06-0-FD	F8A290158004	SW6020	2/6/2008	Silicon	83.7	mg/kg	67.5	J	17
TSB-HR-06-0-FD	F8A290158004	SW6020	2/6/2008	Silver	<0.54	mg/kg	0.54	UJ	3,12
TSB-HR-06-0-FD	F8A290158004	SW6020	2/6/2008	Strontium	115	mg/kg	1.4	J	15
TSB-HR-06-0-FD	F8A290158004	SW6020	2/6/2008	Tin	<0.54	mg/kg	0.54	U	3,13
TSB-HR-06-0-FD	F8A290158004	SW6020	2/6/2008	Zirconium	16.3	mg/kg	27	J	2
TSB-HR-06-0-FD	F8A290158004	SW7471	2/6/2008	Mercury	9.5	ug/kg	36	J	2
TSB-HR-06-0-FD	F8A290158004	SW8260	2/11/2008	Dichloromethane	<5.4	ug/kg	5.4	U	13
TSB-HR-06-0-FD	F8A290158004	SW8260	2/11/2008	Ethanol	< 270	ug/kg	270	UJ	12
TSB-HR-06-0-FD	F8A290158004	SW8290	2/23/2008	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.26	pg/g	5.4	J	2
TSB-HR-06-0-FD	F8A290158004	SW8290	2/23/2008	Octachlorodibenzodioxin	<11	pg/g	11	U	3,13
TSB-HR-06-0-FD	F8A290158004	SW8290	2/23/2008	Octachlorodibenzofuran	<11	pg/g	11	U	13
TSB-HR-06-0-FD	F8A290158004	SW9071B	2/7/2008	Oil & Grease (HEM)	< 216	mg/kg	216	UJ	4
TSB-HR-06-10	F8A290158005	E300	2/4/2008	Fluoride	0.99	mg/kg	1.1	J	2
TSB-HR-06-10	F8A290158005	SW6020	2/6/2008	Antimony	0.16	mg/kg	1.3	J-	2,4
TSB-HR-06-10	F8A290158005	SW6020	2/6/2008	Barium	168	mg/kg	5.3	J-	4
TSB-HR-06-10	F8A290158005	SW6020	2/6/2008	Boron	<26.6	mg/kg	26.6	U	3
TSB-HR-06-10	F8A290158005	SW6020	2/6/2008	Cadmium	<0.13	mg/kg	0.13	U	3,13
TSB-HR-06-10	F8A290158005	SW6020	2/6/2008	Magnesium	9500	mg/kg	133	J+	4
TSB-HR-06-10	F8A290158005	SW6020	2/6/2008	Manganese	304	mg/kg	1.3	J	15
TSB-HR-06-10	F8A290158005	SW6020	2/6/2008	Molybdenum	0.43	mg/kg	1.3	J	2
TSB-HR-06-10	F8A290158005	SW6020	2/6/2008	Palladium	0.48	mg/kg	1.1	J+	2,4,12
TSB-HR-06-10	F8A290158005	SW6020	2/6/2008	Silver	<0.53	mg/kg	0.53	UJ	3,12
TSB-HR-06-10	F8A290158005	SW6020	2/6/2008	Strontium	277	mg/kg	1.3	J	15
TSB-HR-06-10	F8A290158005	SW6020	2/6/2008	Tin	<0.53	mg/kg	0.53	U	3,13
TSB-HR-06-10	F8A290158005	SW6020	2/6/2008	Tungsten	<1.3	mg/kg	1.3	U	3,13
TSB-HR-06-10	F8A290158005	SW6020	2/6/2008	Zirconium	23.6	mg/kg	26.6	J	2
TSB-HR-06-10	F8A290158005	SW7471	2/6/2008	Mercury	9.2	ug/kg	35.4	J	2
TSB-HR-06-10	F8A290158005	SW8260	2/11/2008	Dichloromethane	<7.3	ug/kg	5.3	U	13
TSB-HR-06-10	F8A290158005	SW8260	2/11/2008	Ethanol	< 270	ug/kg	270	UJ	12
TSB-HR-06-10	F8A290158005	SW8290	2/23/2008	Octachlorodibenzodioxin	<11	pg/g	11	U	3,13
TSB-HR-06-10	F8A290158005	SW9071B	2/7/2008	Oil & Grease (HEM)	< 212	mg/kg	212	UJ	4
TSB-HR-06-10_01/28/2008	KF8N81AF	EPA 904.0	3/12/2008	RADIUM-228	1.58E+00	pci/g	2	J	2
TSB-HR-06-10_01/28/2008	KF8N81AA	HASL-300 U Mod	2/25/2008	URANIUM-235/236	5.82E-02	pci/g	1	J	2
TSB-HR-07-0	F8A250221007	E300	2/1/2008	Sulfate	3.9	mg/kg	5.4	J	2

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-HR-07-0	F8A250221007	M8015D	1/31/2008	TPH (as Diesel)	13	mg/kg	27	J	2
TSB-HR-07-0	F8A250221007	SW6010	1/30/2008	Lithium	<21.4	mg/kg	21.4	U	3
TSB-HR-07-0	F8A250221007	SW6020	2/1/2008	Antimony	< 1.1	mg/kg	1.1	UJ	4
TSB-HR-07-0	F8A250221007	SW6020	2/1/2008	Arsenic	2.1	mg/kg	2.1	J	2
TSB-HR-07-0	F8A250221007	SW6020	2/1/2008	Barium	149	mg/kg	4.3	J+	4
TSB-HR-07-0	F8A250221007	SW6020	2/5/2008	Cadmium	<0.27	mg/kg	0.27	U	3
TSB-HR-07-0	F8A250221007	SW6020	2/6/2008	Calcium	29400	mg/kg	536	J+	4
TSB-HR-07-0	F8A250221007	SW6020	2/1/2008	Chromium (Total)	11.1	mg/kg	2.1	J+	4
TSB-HR-07-0	F8A250221007	SW6020	2/1/2008	Lead	7.8	mg/kg	0.64	J+	4
TSB-HR-07-0	F8A250221007	SW6020	2/5/2008	Magnesium	8560	mg/kg	268	J+	4
TSB-HR-07-0	F8A250221007	SW6020	2/1/2008	Molybdenum	0.56	mg/kg	1.1	J	2
TSB-HR-07-0	F8A250221007	SW6020	2/1/2008	Niobium	<5.4	mg/kg	5.4	UJ	3,4
TSB-HR-07-0	F8A250221007	SW6020	2/5/2008	Palladium	0.37	mg/kg	0.54	J+	2,5
TSB-HR-07-0	F8A250221007	SW6020	2/5/2008	Phosphorus (as P)	1150	mg/kg	268	J-	4
TSB-HR-07-0	F8A250221007	SW6020	2/1/2008	Silicon	120	mg/kg	53.6	J+	4
TSB-HR-07-0	F8A250221007	SW6020	2/1/2008	Strontium	169	mg/kg	1.1	J+	4
TSB-HR-07-0	F8A250221007	SW6020	2/1/2008	Vanadium	37.9	mg/kg	2.1	J+	4
TSB-HR-07-0	F8A250221007	SW6020	2/1/2008	Zinc	29.6	mg/kg	4.3	J+	4
TSB-HR-07-0	F8A250221007	SW6020	2/1/2008	Zirconium	20.9	mg/kg	21.4	J	2
TSB-HR-07-0	F8A250221007	SW7471	1/30/2008	Mercury	10.4	ug/kg	35.7	J	2
TSB-HR-07-0	F8A250221007	SW8260	2/5/2008	1,2,4-Trimethylbenzene	0.4	ug/kg	5.4	J	2
TSB-HR-07-0	F8A250221007	SW8260	2/5/2008	Acetone	9.3	ug/kg	21	J	2
TSB-HR-07-0	F8A250221007	SW8260	2/5/2008	Acetonitrile	< 54	ug/kg	54	UJ	12
TSB-HR-07-0	F8A250221007	SW8260	2/5/2008	Dichloromethane	4.5	ug/kg	5.4	J	2
TSB-HR-07-0	F8A250221007	SW8260	2/5/2008	Ethanol	< 270	ug/kg	270	UJ	12
TSB-HR-07-0	F8A250221007	SW8270	2/7/2008	Unknown	<8000	ug/kg		U	3
TSB-HR-07-0	F8A250221007	SW8290	2/22/2008	1,2,3,4,6,7,8-Heptachlorodibenzofuran	0.035	pg/g	5.4	J	2
TSB-HR-07-0	F8A250221007	SW8290	2/22/2008	Octachlorodibenzodioxin	<11	pg/g	11	U	3
TSB-HR-07-0	F8A250221007	SW9071B	2/5/2008	Oil & Grease (HEM)	< 214	mg/kg	214	UJ	4
TSB-HR-07-0_01/24/2008	KF5F42AF	EPA 904.0	3/28/2008	RADIUM-228	1.33E+00	pci/g	2	J	2
TSB-HR-07-0_01/24/2008	KF5F41AA	HASL-300 U Mod	2/20/2008	URANIUM-235/236	6.30E-02	pci/g	1	J	2
TSB-HR-07-10	F8A250221008	E300	2/1/2008	Chlorate	1.2	mg/kg	5.4	J	2
TSB-HR-07-10	F8A250221008	SW6020	2/1/2008	Antimony	< 1.4	mg/kg	1.4	UJ	4
TSB-HR-07-10	F8A250221008	SW6020	2/1/2008	Arsenic	2.7	mg/kg	2.7	J	2
TSB-HR-07-10	F8A250221008	SW6020	2/1/2008	Barium	179	mg/kg	5.4	J+	4

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Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Qualifier	Reason_Code
TSB-HR-07-10	F8A250221008	SW6020	2/5/2008	Beryllium	0.74	mg/kg	1.1	J	2
TSB-HR-07-10	F8A250221008	SW6020	2/6/2008	Calcium	31300	mg/kg	539	J+	4
TSB-HR-07-10	F8A250221008	SW6020	2/1/2008	Chromium (Total)	9.9	mg/kg	2.7	J+	4
TSB-HR-07-10	F8A250221008	SW6020	2/1/2008	Lead	8.2	mg/kg	0.81	J+	4
TSB-HR-07-10	F8A250221008	SW6020	2/5/2008	Magnesium	15400	mg/kg	539	J+	4
TSB-HR-07-10	F8A250221008	SW6020	2/1/2008	Molybdenum	0.27	mg/kg	1.4	J	2
TSB-HR-07-10	F8A250221008	SW6020	2/1/2008	Niobium	<6.7	mg/kg	6.7	UJ	3,4
TSB-HR-07-10	F8A250221008	SW6020	2/5/2008	Palladium	0.93	mg/kg	1.1	J+	2,5
TSB-HR-07-10	F8A250221008	SW6020	2/5/2008	Phosphorus (as P)	1290	mg/kg	539	J-	4
TSB-HR-07-10	F8A250221008	SW6020	2/1/2008	Silicon	115	mg/kg	67.4	J+	4
TSB-HR-07-10	F8A250221008	SW6020	2/1/2008	Strontium	433	mg/kg	1.4	J+	4
TSB-HR-07-10	F8A250221008	SW6020	2/1/2008	Vanadium	37	mg/kg	2.7	J+	4
TSB-HR-07-10	F8A250221008	SW6020	2/1/2008	Zinc	28.9	mg/kg	5.4	J+	4
TSB-HR-07-10	F8A250221008	SW6020	2/1/2008	Zirconium	20.3	mg/kg	27	J	2
TSB-HR-07-10	F8A250221008	SW7471	1/30/2008	Mercury	17.3	ug/kg	35.9	J	2
TSB-HR-07-10	F8A250221008	SW8260	2/5/2008	1,2,4-Trimethylbenzene	0.43	ug/kg	5.4	J	2
TSB-HR-07-10	F8A250221008	SW8260	2/5/2008	Acetone	9	ug/kg	22	J	2
TSB-HR-07-10	F8A250221008	SW8260	2/5/2008	Acetonitrile	< 54	ug/kg	54	UJ	12
TSB-HR-07-10	F8A250221008	SW8260	2/5/2008	Dichloromethane	3.7	ug/kg	5.4	J	2
TSB-HR-07-10	F8A250221008	SW8260	2/5/2008	Ethanol	< 270	ug/kg	270	UJ	12
TSB-HR-07-10	F8A250221008	SW8270	2/7/2008	Unknown	<9300	ug/kg		U	3
TSB-HR-07-10	F8A250221008	SW8290	2/22/2008	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	0.14	pg/g	5.4	J	2
TSB-HR-07-10	F8A250221008	SW8290	2/22/2008	Octachlorodibenzodioxin	<11	pg/g	11	U	3
TSB-HR-07-10	F8A250221008	SW9071B	2/5/2008	Oil & Grease (HEM)	< 216	mg/kg	216	UJ	4
TSB-HR-07-10_01/24/2008	KF5F72AF	EPA 904.0	3/28/2008	RADIUM-228	1.55E+00	pci/g	2	J	2
TSB-HR-07-10_01/24/2008	KF5F71AA	HASL-300 U Mod	2/20/2008	URANIUM-235/236	5.79E-02	pci/g	1	J	2
TSB-HR-08-0	F8A250221014	SW6010	1/30/2008	Lithium	<21.2	mg/kg	21.2	U	3
TSB-HR-08-0	F8A250221014	SW6020	2/1/2008	Antimony	< 1.1	mg/kg	1.1	UJ	4
TSB-HR-08-0	F8A250221014	SW6020	2/1/2008	Arsenic	1.8	mg/kg	2.1	J	2
TSB-HR-08-0	F8A250221014	SW6020	2/1/2008	Barium	101	mg/kg	4.3	J+	4
TSB-HR-08-0	F8A250221014	SW6020	2/5/2008	Beryllium	0.48	mg/kg	0.53	J	2
TSB-HR-08-0	F8A250221014	SW6020	2/5/2008	Cadmium	<0.27	mg/kg	0.27	U	3
TSB-HR-08-0	F8A250221014	SW6020	2/6/2008	Calcium	9910	mg/kg	265	J+	4
TSB-HR-08-0	F8A250221014	SW6020	2/1/2008	Chromium (Total)	7.4	mg/kg	2.1	J+	4
TSB-HR-08-0	F8A250221014	SW6020	2/1/2008	Lead	7.5	mg/kg	0.64	J+	4

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Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Qualifier	Reason_Code
TSB-HR-08-0	F8A250221014	SW6020	2/5/2008	Magnesium	9300	mg/kg	265	J+	4
TSB-HR-08-0	F8A250221014	SW6020	2/1/2008	Molybdenum	0.49	mg/kg	1.1	J	2
TSB-HR-08-0	F8A250221014	SW6020	2/1/2008	Niobium	<5.3	mg/kg	5.3	UJ	3,4
TSB-HR-08-0	F8A250221014	SW6020	2/5/2008	Palladium	0.16	mg/kg	0.53	J+	2,5
TSB-HR-08-0	F8A250221014	SW6020	2/5/2008	Phosphorus (as P)	1940	mg/kg	265	J-	4
TSB-HR-08-0	F8A250221014	SW6020	2/1/2008	Silicon	122	mg/kg	53.1	J+	4
TSB-HR-08-0	F8A250221014	SW6020	2/1/2008	Strontium	77.1	mg/kg	1.1	J+	4
TSB-HR-08-0	F8A250221014	SW6020	2/1/2008	Vanadium	28.6	mg/kg	2.1	J+	4
TSB-HR-08-0	F8A250221014	SW6020	2/1/2008	Zinc	27.5	mg/kg	4.3	J+	4
TSB-HR-08-0	F8A250221014	SW6020	2/1/2008	Zirconium	16.3	mg/kg	21.2	J	2
TSB-HR-08-0	F8A250221014	SW8260	2/5/2008	1,2,4-Trimethylbenzene	0.38	ug/kg	5.3	J	2
TSB-HR-08-0	F8A250221014	SW8260	2/5/2008	Acetone	<21	ug/kg	21	UJ	2,13
TSB-HR-08-0	F8A250221014	SW8260	2/5/2008	Acetonitrile	< 53	ug/kg	53	UJ	12
TSB-HR-08-0	F8A250221014	SW8260	2/5/2008	Dichloromethane	3.5	ug/kg	5.3	J	2
TSB-HR-08-0	F8A250221014	SW8260	2/5/2008	Ethanol	< 270	ug/kg	270	UJ	12
TSB-HR-08-0	F8A250221014	SW8270	2/7/2008	Unknown	<9300	ug/kg		U	3
TSB-HR-08-0	F8A250221014	SW8290	2/23/2008	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<5.3	pg/g	5.3	U	3
TSB-HR-08-0	F8A250221014	SW8290	2/23/2008	Octachlorodibenzodioxin	<11	pg/g	11	U	3
TSB-HR-08-0	F8A250221014	SW9071B	2/5/2008	Oil & Grease (HEM)	< 212	mg/kg	212	UJ	4
TSB-HR-08-0_01/24/2008	KF5GJ2AM	EPA 904.0	3/28/2008	RADIUM-228	1.85E+00	pci/g	2	J	2
TSB-HR-08-0_01/24/2008	KF5GJ1AA	HASL-300 U Mod	2/20/2008	URANIUM-235/236	4.86E-02	pci/g	1	J	2
TSB-HR-08-10	F8A250221015	E300	2/1/2008	Fluoride	0.82	mg/kg	1.1	J	2
TSB-HR-08-10	F8A250221015	M8015D	2/1/2008	TPH (as Diesel)	< 27	mg/kg	27	UJ	8
TSB-HR-08-10	F8A250221015	SW6020	2/1/2008	Antimony	< 1.1	mg/kg	1.1	UJ	4
TSB-HR-08-10	F8A250221015	SW6020	2/1/2008	Barium	188	mg/kg	4.4	J+	4
TSB-HR-08-10	F8A250221015	SW6020	2/5/2008	Beryllium	0.7	mg/kg	1.1	J	2
TSB-HR-08-10	F8A250221015	SW6020	2/5/2008	Cadmium	<0.55	mg/kg	0.55	U	3
TSB-HR-08-10	F8A250221015	SW6020	2/6/2008	Calcium	27700	mg/kg	547	J+	4
TSB-HR-08-10	F8A250221015	SW6020	2/1/2008	Chromium (Total)	9.1	mg/kg	2.2	J+	4
TSB-HR-08-10	F8A250221015	SW6020	2/1/2008	Lead	7.3	mg/kg	0.66	J+	4
TSB-HR-08-10	F8A250221015	SW6020	2/5/2008	Magnesium	10400	mg/kg	547	J+	4
TSB-HR-08-10	F8A250221015	SW6020	2/1/2008	Molybdenum	0.59	mg/kg	1.1	J	2
TSB-HR-08-10	F8A250221015	SW6020	2/1/2008	Niobium	<5.5	mg/kg	5.5	UJ	3,4
TSB-HR-08-10	F8A250221015	SW6020	2/5/2008	Palladium	0.85	mg/kg	1.1	J+	2,5
TSB-HR-08-10	F8A250221015	SW6020	2/5/2008	Phosphorus (as P)	1220	mg/kg	547	J-	4

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Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Qualifier	Reason_Code
TSB-HR-08-10	F8A250221015	SW6020	2/1/2008	Silicon	124	mg/kg	54.7	J+	4
TSB-HR-08-10	F8A250221015	SW6020	2/1/2008	Strontium	332	mg/kg	1.1	J+	4
TSB-HR-08-10	F8A250221015	SW6020	2/1/2008	Vanadium	39.3	mg/kg	2.2	J+	4
TSB-HR-08-10	F8A250221015	SW6020	2/1/2008	Zinc	28.1	mg/kg	4.4	J+	4
TSB-HR-08-10	F8A250221015	SW8260	2/7/2008	Acetonitrile	< 55	ug/kg	55	UJ	12
TSB-HR-08-10	F8A250221015	SW8260	2/7/2008	Dichloromethane	4.2	ug/kg	5.5	J	2
TSB-HR-08-10	F8A250221015	SW8260	2/7/2008	Ethanol	< 270	ug/kg	270	UJ	12
TSB-HR-08-10	F8A250221015	SW8270	2/7/2008	Unknown	<9100	ug/kg		U	3
TSB-HR-08-10	F8A250221015	SW8290	2/23/2008	Octachlorodibenzodioxin	<11	pg/g	11	U	3
TSB-HR-08-10	F8A250221015	SW9071B	2/5/2008	Oil & Grease (HEM)	< 219	mg/kg	219	UJ	4
TSB-HR-08-10_01/24/2008	KF5GL1AF	EPA 904.0	3/5/2008	RADIUM-228	1.41E+00	pci/g	2	J	2,19
TSB-HR-08-10_01/24/2008	KF5GL1AA	HASL-300 U Mod	2/21/2008	URANIUM-235/236	6.16E-02	pci/g	1	J	2
TSB-TB-03-1/25/08	F8A260143021	SW8260	1/30/2008	Dibromomethane	< 1	ug/l	1	UJ	12
TSB-TB-03-1/25/08	F8A260143021	SW8260	1/30/2008	Dichloromethane	<1	ug/l	1	U	3
TSB-TB-03-1/25/08	F8A260143021	SW8260	1/30/2008	Ethanol	< 250	ug/l	250	UJ	12
TSB-TB-03-1/28/08	F8A290158013	SW8260	1/30/2008	Dibromomethane	< 1	ug/l	1	UJ	12
TSB-TB-03-1/28/08	F8A290158013	SW8260	1/30/2008	Dichloromethane	<1	ug/l	1	U	3
TSB-TB-03-1/28/08	F8A290158013	SW8260	1/30/2008	Ethanol	< 250	ug/l	250	UJ	12
TSB-TB-04-1/25/08	F8A260143022	SW8260	1/30/2008	Dibromomethane	< 1	ug/l	1	UJ	12
TSB-TB-04-1/25/08	F8A260143022	SW8260	1/30/2008	Dichloromethane	<1	ug/l	1	U	3
TSB-TB-04-1/25/08	F8A260143022	SW8260	1/30/2008	Ethanol	< 250	ug/l	250	UJ	12
TSB-TB-1	F8A250221018	SW8260	1/30/2008	Dibromomethane	< 1	ug/l	1	UJ	12
TSB-TB-1	F8A250221018	SW8260	1/30/2008	Dichloromethane	<1	ug/l	1	U	3
TSB-TB-1	F8A250221018	SW8260	1/30/2008	Ethanol	< 250	ug/l	250	UJ	12
TSB-TB-1-1/28/08	F8A290158010	SW8260	1/30/2008	Dibromomethane	< 1	ug/l	1	UJ	12
TSB-TB-1-1/28/08	F8A290158010	SW8260	1/30/2008	Dichloromethane	<1	ug/l	1	U	3
TSB-TB-1-1/28/08	F8A290158010	SW8260	1/30/2008	Ethanol	< 250	ug/l	250	UJ	12
TSB-TB-2	F8A250221017	SW8260	1/30/2008	Dibromomethane	< 1	ug/l	1	UJ	12
TSB-TB-2	F8A250221017	SW8260	1/30/2008	Dichloromethane	<1	ug/l	1	U	3
TSB-TB-2	F8A250221017	SW8260	1/30/2008	Ethanol	< 250	ug/l	250	UJ	12
TSB-TB-2-1/25/08	F8A260143020	SW8260	1/30/2008	Dibromomethane	< 1	ug/l	1	UJ	12
TSB-TB-2-1/25/08	F8A260143020	SW8260	1/30/2008	Dichloromethane	<1	ug/l	1	U	3
TSB-TB-2-1/25/08	F8A260143020	SW8260	1/30/2008	Ethanol	< 250	ug/l	250	UJ	12
TSB-TB-2-1/28/08	F8A290158011	SW8260	1/30/2008	Dibromomethane	< 1	ug/l	1	UJ	12
TSB-TB-2-1/28/08	F8A290158011	SW8260	1/30/2008	Dichloromethane	<1	ug/l	1	U	3

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Sample ID	Lab Sample ID	Method	Analysis Date	Analyte	Result	Unit	QL	Qualifier	Reason_Code
TSB-TB-2-1/28/08	F8A290158011	SW8260	1/30/2008	Ethanol	< 250	ug/l	250	UJ	12
TSB-TB-3	F8A250221016	SW8260	1/30/2008	Dibromomethane	< 1	ug/l	1	UJ	12
TSB-TB-3	F8A250221016	SW8260	1/30/2008	Dichloromethane	<1	ug/l	1	U	3
TSB-TB-3	F8A250221016	SW8260	1/30/2008	Ethanol	< 250	ug/l	250	UJ	12

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 - picroCurie 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 PARCEL H INVESTIGATION
JANUARY 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
TSB-HJ-07-0-FD	F8A250221012	SW8015B	1/30/2008	Gasoline Range Organics	< 0.11	mg/kg	0.11	R	8

ID - identification

R - rejected value.

mg/kg - milligram per kilogram

QL - quantitation limit

APPENDIX A

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