



Environment

Prepared for:
Superfund Standby Program
NYSDEC
Albany, NY

Prepared by:
AECOM
Chestnut Ridge, NY
60277021
September 2015

Groundwater Sampling Report (March 2015 Sampling Event) Dzus Fasteners Site Site #1-52-033 Work Assignment No. D007626-17.1

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A handwritten signature in cursive script, reading "Paul Kareth", positioned above a horizontal line.

Prepared By: Paul Kareth

A handwritten signature in cursive script, reading "Scott Underhill", positioned above a horizontal line.

Reviewed By: Scott Underhill

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1.0 Introduction

AECOM Technical Services Northeast, Inc., (AECOM) has prepared this Groundwater Monitoring Report for the Dzus Fasteners facility (Site) in West Islip, New York (Site No. 1-52-033). This work was performed for the New York State Department of Environmental Conservation (NYSDEC) under Work Assignment D007626-17.1. This groundwater monitoring report provides the results of the groundwater sampling data collected in March 2015 and the surface water/sediment samples collected in April 2015.

AECOM collects groundwater samples from selected monitoring wells and surface water/sediment samples from Willetts Creek and Lake Capri at five-quarter (15 month) intervals as part of the Site's long-term monitoring plan. Four rounds of fish tissue samples were also collected from Lake Capri in July 2006, May 2007, October 2010 and September 2012. Fish tissue data results were documented in separate reports, the most recent of which was submitted in January 2013 for the September 2012 sampling event. Previous groundwater sampling was conducted in June 2006, August 2007, November 2008, March 2010, May 2011, August 2012, and November 2013. This report presents the results from the latest round of sampling conducted in March and April 2015.

2.0 Background Information

The Dzus Fasteners Superfund site is located at 425 Union Boulevard, West Islip, Suffolk County, New York (Figure 1). The Site is bounded to the north by railroad tracks and Union Boulevard to the south and east. The Site is bounded to the west by Beach Street and commercial properties. On the southeast side of Union Boulevard is a shopping plaza and southeast of the shopping plaza is Willetts Creek (a Class A surface water body). Willetts Creek flows south, paralleling Everdell Avenue past the Beach Street Middle School and West Islip Senior High School, eventually discharging into Lake Capri approximately 4,500 ft south of the Site.

The Dzus Fastener facility, a manufacturer of fastener and springs from 1932 to the present, was responsible for the release of oils, heavy metals, and salts via onsite leaching pools used for the disposal of hazardous waste and formal discharge into Upper Willetts Creek. These operations led to soil and groundwater contamination at the Dzus facility and downstream groundwater, sediment, and surface water contamination of nearby Willetts Creek and Lake Capri, an 8-acre man-made lake.

An initial site inspection took place in August 1983. Contamination was discovered and a preliminary site assessment was completed in September 1984. A phase I investigation was completed and a phase II investigation was submitted by Dzus in August of 1990. Dzus then completed an Interim Remedial Measure (IRM) in October 1990. During the IRM, a leach field on the eastern side of the site was removed. A remedial investigation / feasibility study (RI/FS) was initiated at the site in 1992. The site was then broken up into the two Operable Units (OU), OU1, the Dzus facility; and OU2, the offsite localities including Willetts Creek and Lake Capri. A Record of Decision (ROD) for OU1 was issued for the site in March 1995, and a ROD for OU2 was issued for the site in October 1997.

In response to the ROD for OU1, the remedy for contaminated groundwater in the vicinity of the Dzus facility consisted of source removal and ongoing natural attenuation.

The eastern parking lot at the Dzus facility was paved with asphalt to eliminate the potential for direct human contact with the underlying contaminated soils at the site, and to eliminate or reduce the mobility of soil contaminants that would cause further groundwater degradation. The selected remedy consisted of the following:

- In-situ stabilization/solidification for soils containing cadmium at concentrations greater than 10 parts per million (ppm). Three areas on the western portion of the facility were excavated and mixed with the soils to be treated on the eastern portion of the Site;
- Design and installation of a final topsoil/asphalt cover at the eastern portion of the Site, which would protect the treatment cells from erosion;
- Implementation of institutional controls, such as deed restrictions at the Site.

The second operable unit, Operable Unit 2 (OU2) consisted of offsite contamination, including sediment and water contamination of Willetts Creek and Lake Capri. A ROD for OU2 was issued for the Site by NYSDEC in October 1997.

The selected remedy consisted of the following:

- The fish population of Lake Capri was eradicated using Rotenone, a NYSDEC approved fish eradicator, in July 1999 prior to dredging operations;
- Dredging, dewatering and off-site disposal of contaminated sediments from Lake Capri;
- Excavation and off-site disposal of approximately 100 cubic yards of sediment from Willetts Creek, corresponding to levels of cadmium exceeding 9 ppm (currently, the highest effects guidance value);
- Riprap was used to cover portions identified as having deeper zones of contamination in order to prevent future erosion;
- A long-term monitoring program to evaluate the effectiveness of the on-site remedy and to verify that existing groundwater plume does not impact public health or environment; and,
- The lake was restocked with silversides, bluegill (*Lepomis macrochirus*), and largemouth bass (*Microptera salmoides*) after completion of the remedial activities in 2000.

Activities at the Site are being conducted in accordance with the Site Management Plan (SMP) dated May 2014. As part of the OM&M, a long-term monitoring plan (LTMP) was developed for OU1 and OU2 with regard to monitoring of groundwater, surface water, sediment, and the asphalt cover (engineering control) in the manufacturing facility's eastern parking lot.

The ROD for OU1 (on-site soils) lists the metals contaminants of concern as cadmium, chromium and nickel. The ROD for OU2 (groundwater, and surface water and sediment in Willetts Creek and Lake Capri) lists the metals contaminants of concern for groundwater as cadmium and chromium, surface water as cadmium, and sediment as cadmium and lead. Several other metals, including antimony, arsenic, chromium, iron, lead, manganese, sodium, thallium and zinc, have been found in exceedance of published standards in groundwater at the Site and in the surface water and sediments of nearby Willetts Creek and Lake Capri.

A total of 14 wells and six surface water/sediment sample locations were identified for long term monitoring at the Site (Figure 2). Additional sediment samples and a surface water sample were collected in the small cove at the northern end of the Lake (Figure 2A).

3.0 Field Activities

Groundwater sampling activities occurred on March 17 and 18, 2015. Surface water and sediment sampling occurred on April 11, 2015. Sampling was conducted in accordance with the SMP (May 2014). Groundwater samples were collected using low flow techniques starting with the August 2012 sampling event; previous samples were collected using the volumetric method. All field work was performed in Level D personal protection.

NYSDEC Monitoring Well Field Inspection Logs were prepared for each well and are presented in Appendix A. Monitoring well MW-1 could not be located and according to personnel at the Site was destroyed in December 2007 during snow removal.

3.1 Groundwater Level Survey

A summary of well construction data is presented in Table 1. Prior to the start of sampling, a synoptic round of water levels was collected from the 14 monitoring wells selected for sampling. Groundwater elevation readings were recorded on the Well Sampling Forms. Well Sampling Forms are provided in Appendix B. Groundwater elevation data are presented on Table 2. A groundwater contour map was prepared for the March 17, 2015 synoptic event and is presented on Figure 3. As shown on the figure, the general direction of groundwater flow at the Site is to the south. A low hydraulic gradient of 0.0022 ft/ft was calculated. Groundwater hydrographs for the monitoring wells are presented in Figure 3A.

3.2 Groundwater Sampling

The 14 wells identified for long term monitoring at the Dzus Site are: MW-1, MW-2, MW-3, MW-9, MW-9B, MW-13A, MW-13B, MW-15A, MW-15B, MW-18, MW-22A, MW-22B, MW-23A and MW-23B. MW-1 was destroyed in 2008 and can no longer be sampled. As a result, 13 of the 14 existing long-term monitoring wells were sampled in March 2015. MW-17, northeast of the Dzus facility (Figure 2), was located in 2014 and included in this sampling event.

Groundwater sampling occurred on March 17 and 18, 2015. A peristaltic pump with poly tubing was used to purge each monitoring well. The flow rate was set between 200 and 400 mL per minute. At approximately five-minute intervals, drawdown was measured. A flow cell was used to collect measurements of pH, dissolved oxygen (DO), specific conductance, oxygen reduction potential (ORP), temperature and turbidity. These readings were recorded on the Well Sampling Forms. Once the parameters had stabilized, a sample was collected directly from the discharge line. The sample was placed into laboratory supplied containers and packed in an ice-filled cooler. During this round, filtered metals samples were also collected. Groundwater samples were filtered in the field immediately upon collection using dedicated, disposable 0.45 micron Nalgene filters. Filtered

groundwater was then poured into a laboratory supplied container and placed in an ice filled cooler. The samples were then transported to Hampton Clarke Veritech via the laboratory's courier. Proper chain-of-custody procedures and requirements were maintained throughout the sampling event in accordance with the QAPP.

3.3 Surface Water / Sediment Sampling

Six paired surface water/sediment samples (plus a field duplicate for each matrix) were collected from Lake Capri and Willetts Creek on April 11, 2015. A small boat was used to gain access to the lake. Each surface water sample was collected by dipping laboratory-supplied bottles into the lake and then transferring the water to the laboratory supplied preserved bottles. At each surface water location, a co-located sediment sample was also collected. Sediment samples were collected using an Eckman dredge to reach the lake bottom sediments. Excess water was decanted from the sediment sample prior to placement in the sample jars. Sample forms are included in Appendix A.

Samples were also collected in the small cove at the northern end of Lake Capri (Figure 2A). Five sediment samples were collected. One was analyzed for TAL Metals and four were analyzed for cadmium only. A co-located surface water sample was collected at SC-4 and analyzed for TAL metals.

4.0 Sampling Results

Groundwater, surface water, and sediment samples were analyzed for target analyte list (TAL) metals using USEPA Method 6010/7401/7471. The analyses were performed by Hampton Clarke Veritech, Fairfield, New Jersey, a NYSDOH ELAP certified laboratory (ELAP certification number 11408). As specified in the work plan, formal data validation was not performed; however, an AECOM chemist provided a limited review of the data packages. The data quality evaluation for this sampling event is presented in Section 4.4.

4.1 Groundwater Data

Groundwater samples were collected from 14 monitoring wells during the March 2015 sampling event (as noted earlier, well MW-1 has been destroyed). During the first four sampling events, only total metals analyses were performed on the monitoring well samples. During the May 2011, August 2012, November 2013, and March 2015 sampling events, samples for both total and dissolved metals analyses were collected from each monitoring well. The laboratory data summary packages are included in Appendix C. A summary of the detections from all seven long-term sampling events is presented in Table 3. A summary of the exceedances from this groundwater sampling event is presented on Figure 4.

Ten metals have been detected at concentrations above their Class GA criteria at least once during the eight rounds of groundwater sampling at the Site. These metals include cadmium and chromium (COCs listed in the OU1 ROD), and antimony, arsenic, lead, manganese, selenium, sodium, and thallium. Out of these metals, only cadmium, chromium, iron, manganese, and sodium were detected at concentrations above Class GA criteria in March 2015.

Cadmium was detected in seven of 14 Round 8 unfiltered samples, six of which exceeded the Class GA criterion of 5 µg/L; maximum concentration of 27 µg/L in monitoring well MW-23B. Cadmium was detected in eight of 14 filtered samples; three of which exceeded the criterion; maximum concentration of 31 µg/L in MW-23B. Historically, cadmium has been detected in all 15 monitoring wells sampled at the Site (Figure 5). Exceedances of the criterion have been noted in 12 monitoring wells. Of the 106 unfiltered samples collected to date, cadmium was detected in 84; 59 (70%) of these exceeded the criterion. Of the 53 filtered samples collected to date, cadmium was detected in 28 samples; 18 (64%) of these exceeded the criterion. Cadmium concentrations have exceeded the criterion in all eight events at monitoring wells MW-3, MW-13A, MW-15A and MW-23B, both unfiltered and filtered samples (Figure 5A). Three cadmium isoconcentration maps have been prepared: August 2012 (Figure 6), November 2013 (Figure 6A) and March 2015 (Figure 6B). In August 2012, the leading edge of the cadmium plume appeared to extend under Willetts Creek and possibly as far as Everdell Avenue (Figure 6). Conditions were similar in November 2013 (Figure 6A). As shown on Figure 6B,

the extent of the plume in March 2015, as indicated by the 5 µg/L isoconcentration line, was similar to November 2013 but the higher concentrations appear to have separated the plume into two lobes as indicated by the 10 µg/L isoconcentration line.

Chromium was not detected in any of the 14 unfiltered or filtered samples collected during March 2015. Historically, chromium has been detected in most of the unfiltered samples but at concentrations below the Class GA criterion of 50 µg/L; of the 106 unfiltered samples collected to date, only seven exceeded the criterion. Chromium was detected in 13 of the 53 filtered samples collected to date, none of which exceeded the criterion. Chromium concentrations do not appear to be an issue at the Site.

Antimony was not detected in any of the 14 unfiltered or filtered metals sampled collected during March 2015. Historically, antimony concentrations and exceedances have been noted sporadically in seven wells (Table 3). Antimony does not appear to be a contaminant of concern at the Site.

Iron was detected in 12 of 14 unfiltered samples, all 12 of which exceeded the 300 µg/L criterion; maximum concentration of 98,000 µg/L in MW-2. Iron was also detected in four of 14 filtered samples, three of which exceeded the criterion; maximum concentration of 6,400 µg/L in MW-23A. Historically, iron has been detected in a majority of both unfiltered and filtered samples collected at the site. Iron is a naturally occurring metal in Long Island groundwater and does not appear to be site related.

Lead was detected in five of 14 unfiltered samples, one of which exceeded the 25 µg/L criterion; 29 µg/L at MW-2. One filtered sample, MW-13A, equaled the criterion. Historically, lead has been detected in most of the wells at the Site; however, only three monitoring wells have reported sporadic exceedances during the eight sampling rounds: MW-2, MW-13A and MW-23B. Lead does not appear to be a contaminant of concern at the Site.

Manganese was detected in 12 of 14 unfiltered samples, eight of which exceeded the 300 µg/L criterion; maximum concentration of 780 µg/L in MW-23A. Manganese was also detected in five of 14 filtered samples, three of which exceeded the criterion; maximum concentration of 820 µg/L in MW-23A. Historically, manganese has been detected in a majority of the unfiltered and filtered samples collected at the Site. Manganese is a naturally occurring metal in Long Island groundwater and does not appear to be site related.

Sodium was detected in all 14 unfiltered samples, six of which equaled or exceeded the 20,000 µg/L criterion; maximum concentration of 91,000 µg/L in MW-23S. Sodium was also detected in all 14 filtered samples, nine of which equaled or exceeded the criterion. Historically, sodium has been detected in most of the samples collected at the Site. Sodium is a naturally occurring metal in Long Island groundwater and does not appear to be site related.

4.2 Filtered versus Unfiltered Metals Groundwater Samples

Concentrations of total metals in groundwater samples at the Site tended to be highly variable between sampling events, as did field measurements of turbidity at time of sample collection. Turbidity is typically correlated with the presence of suspended matter (e.g., entrained soil particles in the sample). Therefore, both total metals (unfiltered) and dissolved metals (field filtered) groundwater samples were collected during this sampling event to evaluate the effect of turbidity on the metals concentrations.

The NYSDEC criterion for filtering groundwater samples is provided in DER-10 Section 2.1(g). At the Dzus Fasteners Site, the turbidity was below 50 nephelometric units (NTU) at the time of sampling in 13 of 14 samples (Table 4). The turbidity ranged from 0.2 to 71 (MW-13A).

Table 4 presents a comparison of the total metals and the dissolved metals data for the 14 filtered/unfiltered sample pairs collected at the Dzus Fasteners Site. The “percent dissolved” shown on the table is the ratio of the filtered sample concentration to the total (unfiltered) sample concentration. Where a metal was not detected in the filtered sample, no calculation was made.

As expected, concentrations of metals that typically exist primarily in the dissolved phase (sodium, potassium, and calcium) were generally similar in the filtered and unfiltered samples, regardless of the sample turbidity.

Metals highly associated with particles (e.g., aluminum) would tend to be higher in the more turbid samples; however, no clear relationship between turbidity (ranging from 0.2 to 71 NTUs) and total metals concentrations was established, likely due to the relatively low turbidities (i.e., 13 of 14 samples were less than 50 NTUs). Aluminum, which is strongly associated with particles, was not detected in any of the filtered samples, while it was detected in six of the unfiltered samples. Iron and cadmium, which can be found as either dissolved or bound to particles, were to varying degrees found to be either about equal in filtered/unfiltered pairs, or lower in the filtered samples.

4.3 Surface Water Samples

Six surface water samples were collected from Lake Capri and Willetts Creek at the locations shown on Figure 2. Sample SC-4 was collected from the small cove at the northern end of the Lake (Figure 2A) to document the conditions in this part of the Lake (typically not included the long term monitoring). A summary of the detections is presented in Table 5. The results were compared to the NYSDEC Class A surface water criteria. The laboratory data package for the April 2015 sampling event is included in Appendix C. A summary of the exceedances is presented on Figure 7.

The OU2 ROD lists cadmium as the only metal COC for surface water in Lake Capri and Willetts Creek. Six other metals include antimony, iron, manganese, selenium, sodium and thallium have been detected at concentrations above the surface water criteria. Of these, only five (cadmium, iron,

manganese, sodium and thallium) were detected at concentrations above the Class A criteria in April 2015.

Cadmium was not detected above the criterion in any of the five lake samples collected during the April 2015 event. Historically, cadmium has been detected in the majority of the lake samples but none have exceeded the criterion. Cadmium was detected in one of the two creek samples collected during the April 2015 sampling event at a concentration that exceeded the criterion. Historically, cadmium concentrations at location SW-5 have exceeded the criterion in six of eight samples collected at this location.

Antimony was not detected in any of the seven surface water samples collected in April 2015. Historically, antimony concentrations and exceedances have been sporadically detected the creek and lake waters. Antimony does not appear to be a contaminant of concern at the Site.

Iron was detected above the criterion in three of five lake samples and both creek samples during the April 2015 sampling event. Historically, iron concentrations have exceeded the criterion in a majority of samples collected from the lake and creek. Iron is a naturally occurring metal in Long Island surface water is not considered to be Site related.

Manganese was detected above the criterion in all five lake samples and one of the creek samples during the April 2015 sampling event. Historically, manganese concentrations have exceeded the criterion in a majority of the samples collected at the site. Manganese is a naturally occurring metal in Long Island surface water is not considered to be Site related.

Sodium was detected above the criterion in six of seven surface water samples collected during the April 2015 sampling event. Historically, sodium concentrations have exceeded the criterion in a majority of samples collected at the site. Sodium is a naturally occurring metal in Long Island surface water is not considered to be Site related.

Selenium was not detected in any of the seven surface water samples collected in April 2015. Historically, selenium has only been detected twice in surface water samples at the site and only one of these, SW-6, exceeded the criterion. Selenium does not appear to be a contaminant of concern at the Site.

Thallium was detected above the criterion in one surface water sample collected from the lake during the April 2015 sampling event. Historically, thallium has been detected sporadically in samples collected at the Site. Only four samples collected during the eight rounds of sampling have exceeded the thallium criterion, all of which were in lake samples. Thallium does not appear to be a contaminant of concern at the Site.

During the April 2015 sampling event, additional samples were collected from the small cove at the northern end of Lake Capri. Sample SC-4 was collected from the middle of the cove (Figure 2A).

Manganese and sodium were detected above their respective criterion. No other exceedances were noted.

In summary, cadmium was only detected above criterion at SW-5. Iron, manganese and sodium were above the respective criterion at all locations with the exception of iron being below criterion at SW-3.

4.4 Sediment Samples

Six co-located sediment samples were collected at the same locations as the surface water samples as shown on Figure 2. Additional sediment samples were collected in the small cove at the northern end of the Lake (Figure 2A). The data presented in Table 6 were compared to the NYSDEC Technical Guidance for Sediment Criteria lowest effects values. The laboratory data summary package is included in Appendix C. A summary of the exceedances is presented on Figure 8. The OU2 ROD lists cadmium and lead as COCs for sediments at the Site.

4.4.1 Lake Capri Sediment Samples

Four samples were collected from Lake Capri, two from the northern end of the Lake and two from the southern end of the Lake.

Cadmium concentrations have exceeded the lowest effects criterion in all 32 lake sediment samples with concentrations ranging from 1.5 mg/kg to 150 mg/kg (Figure 10). Of these, 30 samples also exceeded the highest effects level of 9 mg/kg. A separate investigation of Lake Capri sediment conducted in 2013 found elevated concentrations of cadmium in Willetts Creek sediment that is migrating into the Lake.

Lead has been detected in all 32 lake sediment samples collected from Lake Capri at concentrations ranging from 7.2 mg/kg to 108 mg/kg. 28 of these samples exceeded the lowest effects level of 31 mg/kg and of these, 19 equaled or exceeded the highest effects level of 110 mg/kg (Figure 12).

Antimony has only exceeded the lowest effects criterion in two samples from the lake during the eight rounds of sampling. Antimony does not appear to be a contaminant of concern in Lake Capri.

Arsenic has been detected in 28 of 32 lake sediment samples, ten of which exceeded the lowest effects criterion. Of these, nine were from the two samples at the northern end of the Lake (Figure 9). None of the samples have exceeded the highest effects criterion of 33 mg/kg. Arsenic does not appear to be a contaminant of concern in lake sediment.

Chromium has been detected in 28 of 32 lake sediment samples at concentrations ranging from 1.5 mg/kg to 57 mg/kg, 12 of which have exceeded the lowest effects level of 26 mg/kg. None of the samples have exceeded the highest effects criterion of 110 mg/kg. Chromium does not appear to be a contaminant of concern in lake sediment.

Copper has been detected in all 32 lake sediment samples at concentrations ranging from 2.7 mg/kg to 144 mg/kg. 28 samples exceeded the lowest effects level of 16 mg/kg, and of these, 11 exceeded the highest effects level of 110 mg/kg (Figure 11). Copper was not found during on-site investigations and its presence is not considered site-related. The source of copper may be from residential pesticides use.

Iron has been detected in all 32 sediment samples collected during the eight rounds of lake sampling. However, only seven samples have exceeded the 20,000 mg/kg criterion. These seven exceedances were from the northern end of the lake. Iron is a naturally occurring metal in Long Island soils and is not considered to be site related.

Manganese has been detected in all 32 lake sediment samples at concentrations ranging from 89.8 mg/kg to 22,600 mg/kg. 28 samples have exceeded the lowest effects criterion of 460 mg/kg and 18 of these also equaled or exceeded the highest effects level of 1,100 mg/kg. Manganese is a naturally occurring metal in Long Island soils and is not considered to be site related.

Mercury has been detected in 25 of 32 lake sediment samples at concentrations ranging from 0.0071 mg/kg to 0.52 mg/kg. Of these, 13 exceeded the lowest effect level of 0.15 mg/kg. Ten of these exceedances were noted in northern lake samples. None of the samples exceeded the highest effects criterion of 1.3 mg/kg. Mercury was not found during on-site investigations and is not considered to be site-related.

Nickel has been detected in 24 of 32 Lake Capri sediment samples at concentrations ranging from 3 mg/kg to 27.3 mg/kg. Nine samples exceeded the lowest effects level of 16 mg/kg. Eight of these exceedances were noted in the two northern samples. None of the samples exceeded the highest effects criterion of 50 mg/kg. Nickel was not found during on-site investigations and is not considered to be site related.

Silver has only been detected in three Lake Capri sediment samples at concentrations ranging from 0.33 mg/kg to 2.7 mg/kg. One samples exceeded the lowest effects level of 1 mg/kg and one exceeded the highest effects level of 2.2 mg/kg. Silver was not found during on-site investigations and is not considered to be a contaminant of concern in lake sediments.

Zinc was detected in all 32 Lake Capri sediment samples at concentrations ranging from 10 mg/kg to 642 mg/kg (Figure 13). Of these, 22 samples exceeded the lowest effect level of 120 mg/kg and 12 exceeded the highest effects level of 270 mg/kg. Ten of the highest effects level exceedances were noted in the two samples from the northern end of the lake. Zinc is a naturally occurring metal in Long Island sediments and is not considered to be site related.

4.4.2 Northern Cove Sediment Samples

During the April 2015 sampling event, five sediment samples were also collected from the small cove at the northern end of Lake Capri. The sampling locations are shown on Figure 2A. The analytical results are shown on Table 6. All five samples were analyzed for cadmium and sample SC-4 was analyzed for TAL metals. As shown on Table 6, cadmium was detected in three of five samples at concentrations ranging from 0.82 mg/kg to 12 mg/kg, all of which exceed the lowest effects level of 0.6 mg/kg; one sample also exceeded the highest effects level of 9 mg/kg, the ROD specified cleanup criterion for the lake sediments. No other TAL metals were detected at concentrations above their respective lowest effects level in sample SC-4. Contaminated sediment transport in Willetts Creek does not appear to have impacted the sediments in the Cove.

4.4.3 Willetts Creek Sediment Samples

Sample SED-5 was collected near the Burling Lane footbridge and SED-6 was collected behind the Ace Hardware store on Union Boulevard. The sample locations are shown on Figure 2. As noted above, the OU2 ROD listed cadmium and lead as contaminants of concern for creek sediments.

During the eight rounds of sediment sampling in Willetts Creek, 11 TAL metals have been detected at concentrations that exceed the lowest effects level including antimony, arsenic, cadmium, chromium, copper, iron, lead, manganese, mercury, nickel and zinc.

Cadmium was detected in 13 of 16 creek sediment samples with concentrations ranging from 0.23 mg/kg to 110 mg/kg (Figure 5). Eight samples exceeded the lowest effects level of 0.6 mg/kg and five also exceed the highest effects level of 9 mg/kg. A separate sediment investigation conducted in Willetts Creek in 2013 and 2014 identified several hot spot areas of elevated cadmium concentrations.

Lead has been detected in all 16 creek sediment samples at concentrations ranging from 4.9 mg/kg to 229 mg/kg. Eight of these samples exceeded the lowest effects level of 31 mg/kg and of these, three also exceeded the highest effects level of 110 mg/kg (Figure 12).

Antimony has only exceeded the lowest effects criterion in one sample from the creek. Antimony is not a contaminant of concern in creek sediments.

Arsenic has been detected in 14 of 16 creek sediment samples at concentrations ranging from 0.56 mg/kg to 11 mg/kg. Five of these exceeded the lowest effects criterion of 6 mg/kg. None exceeded the highest effects level (Figure 9). Arsenic is not a contaminant of concern in creek sediment.

Chromium has been detected in 13 of 16 creek sediment samples at concentrations ranging from 2.4 mg/kg to 44 mg/kg. Four samples exceeded the lowest effects level of 26 mg/kg. None of the samples exceeded the highest effects criterion of 110 mg/kg. Chromium is not a contaminant of concern for creek sediments.

Copper has been detected in 15 of 16 creek sediment samples at concentrations ranging from 4.7 mg/kg to 166 mg/kg. Eight samples exceeded the lowest effects level of 16 mg/kg, and of these, two also exceeded the highest effects level of 110 mg/kg (Figure 11). As noted above in the discussion of lake sediments, copper was not found during on-site investigations and is not considered to be site related. The presence of copper in creek sediments may be a result of residential pesticide use.

Iron has been detected in all 16 creek sediment samples. Seven samples exceeded the 20,000 mg/kg criterion. Iron is a naturally occurring metal in Long Island soils and is not considered to be site-related.

Manganese has been detected in all 16 creek sediment samples at concentrations ranging from 162 mg/kg to 3,750 mg/kg. Seven samples have exceeded the lowest effects criterion of 460 mg/kg and four of these also exceeded the highest effects level of 1,100 mg/kg. Manganese is a naturally occurring metal in Long Island soils and is not considered to be site-related.

Mercury has been detected in 11 of 16 creek sediment samples at concentrations ranging from 0.0055 mg/kg to 1.2 mg/kg. Of these, five exceeded the lowest effect level of 0.15 mg/kg. None exceeded the highest effects criterion of 1.3 mg/kg. Mercury is not considered to be a contaminant of concern in creek sediment.

Nickel has been detected in 12 of 16 creek sediment samples at concentrations ranging from 1 mg/kg to 22.5 mg/kg. Three samples exceeded the lowest effects level of 16 mg/kg. None exceeded the highest effects criterion of 50 mg/kg. Nickel is not considered to be a contaminant of concern in creek sediment.

Zinc was detected in all 16 creek sediment samples at concentrations ranging from 24.2 mg/kg to 440 mg/kg (Figure 13). Five samples exceeded the lowest effect level of 120 mg/kg and four of these also exceeded the highest effects level of 270 mg/kg. Zinc is a naturally occurring metal in Long Island soil and is not considered to be site related.

4.5 March and April 2015 Data Quality Review

In accordance with the project plans, data generated for this investigation were not subject to formal validation. However, AECOM's quality assurance officer (QAO) reviewed the data for reasonableness and the presence of any anomalies, including issues identified by the laboratory in the case narrative, and other items noted in review of shipping and handling documentation, inconsistencies with previous data, and review of the laboratory QA forms. The QAO also reviewed the field duplicate data.

Groundwater

Filtered and unfiltered groundwater samples were collected from 14 monitoring wells on March 17 and 18, 2015 and received in good condition by the laboratory (Hampton Clarke Veritech, Fairfield, NJ) on March 18, 2015.

Samples were analyzed for target analyte list (TAL) metals as sample delivery group AC83807. Samples DMW-15B (filtered and unfiltered) were designated as the QC samples (spike and duplicate analysis). Laboratory QC limits were met for holding times, initial and continuing calibrations, blanks, laboratory control sample (LCS) recovery, laboratory spike recovery, and laboratory duplicate recovery. The serial dilutions were outside of QC limits for barium, magnesium, and zinc, suggesting matrix inference for those metals.

One filtered/unfiltered site-specific field duplicate groundwater sample pair (MW-15BU and 15BF/MW-65BU and 65BF) was collected from the Dzus site in March 2015. Precision for the field duplicates is presented in Table 7. In the unfiltered sample pair (15U/65U), relative percent difference (RPD) ranged from 3.1 to 10.5 percent for calcium, iron, and sodium, but was 39.5 percent for manganese. Precision for the filtered duplicate pair (15F/65F) had a RPD for sodium of 2.8 percent, and 0.0 percent for calcium.

The filtered/unfiltered data pairs (see Table 4) were reviewed for anomalies, using the USEPA Region II metals validation criteria (USEPA HW-2, revision 13; USEPA, 2006). Based on these criteria, if the dissolved (filtered sample) result exceeds the total (unfiltered) sample by more than 20 percent, the accuracy of the quantitation is suspect (i.e., the data would be flagged "J", for estimated), and if the filtered sample result exceeds the unfiltered sample result by more than 50 percent, the data may be unusable (flagged "R", rejected). There was single slight exceedance of 21.4% of the 20 percent threshold for sodium in sample MW-22A.

Surface Water

Surface water samples were collected from seven locations (co-located with sediment samples, discussed below) on April 10-11, 2015 and received in good condition by the laboratory (Hampton Clarke Veritech, Fairfield, NJ) on April 13, 2015.

Surface water samples were analyzed for TAL metals as sample delivery group AC84282. Sample SW-4 was designated as the QC sample (spike and duplicate analysis samples labeled RC-1 and RC2). Laboratory QC limits were met for holding times, initial and continuing calibrations, blanks, LCS recovery, laboratory spike recovery, and replicates. The matrix spike recovery for manganese was outside of QC limits, and may suggest matrix interference for that parameter. The serial dilutions for barium and zinc were outside the QC limits suggesting matrix interference.

One site-specific field duplicate pair (SC-4 and RC-1 SW) was collected in November 2013. Precision for the field duplicate (see Table 8) had RPDs ranging from 9 to 24.4 percent for the 3 metals detected in both samples.

Sediment

Sediment samples were collected from 11 locations (most co-located with surface water samples, discussed above) on April 10-11, 2015 and received in good condition by the laboratory (Hampton Clarke Veritech, Fairfield, NJ) on April 13, 2015.

Sediment samples were analyzed for TAL metals as sample delivery group AC84282. Sample SC-4 was designated as the QC sample (spike and duplicate analysis samples labeled FQ-1 and FQ-2). Laboratory QC limits were met for holding times, initial and continuing calibrations, blanks, and LCS recovery. The matrix spike/ matrix spike duplicate had recoveries outside limits for antimony, barium, cadmium, copper, lead, and zinc, although other spikes (e.g., LCS) were within limits. The RPD between the MS/MSD for aluminum, arsenic, cadmium, iron, lead, manganese, vanadium, and zinc were outside of limits. Serial dilution for aluminum, lead, manganese, and zinc, were outside of limits.

One site-specific field duplicate pair (SED-4 and FQ-1) was collected in April 2015. Precision for that sample pair (see Table 9) had RPDs ranging from 41.1 to 65.2 percent. All four metals detected in both samples were above 20 percent RPD.

Overall Round 8 Data Quality Assessment

Field and laboratory-reported QC associated with the two Dzus sample delivery groups (SDGs) (AC84282 for surface water/sediment, and AC83807 for groundwater) was acceptable for the groundwater and surface water samples. Laboratory QC was acceptable for the sediment samples. The laboratory reported that the data quality was acceptable. The data are considered usable for their intended purpose.

5.0 Summary and Recommendations for Future Site Remediation Activities

5.1 Groundwater

Cadmium has been detected in every monitoring well sampled at the Site at least once during the eight sampling events. The majority of the exceedances of the 5 µg/L Class GA criterion are concentrated in six wells along the eastern side of the Site: MW-3, MW-9, MW-13, MW-15A, MW-23A and MW-23B as shown on Figure 5A. As shown on Figures 6, 6A and 6B, the cadmium concentrations in deep monitoring well MW-23B are above 30 ug/L (screened at a depth of 35 – 45 ft bgs). It is unlikely that Willetts Creek is capturing groundwater in the deep monitoring well. As shown on these three isoconcentration maps, the cadmium plume most likely extends east of the creek towards Everdell Avenue.

Chromium has been detected in the more than half of the groundwater samples collected at the Site during the eight sampling rounds but has only exceeded the 50 µg/L criterion in two wells, MW-9 (four of eight samples) and MW-23B (three of eight samples).

Concentrations of iron, manganese, and sodium have exceeded the criterion in numerous wells but these compounds are typically found in groundwater on Long Island and are most likely representative of background conditions and not Site-related. There have been sporadic exceedances of antimony, arsenic, lead, selenium and thallium but the concentrations and locations of the exceedances have not been replicated during the eight sampling events and are most likely a result of entrained sediment in the samples and are not representative of the dissolved groundwater concentrations.

5.2 Surface Water

Cadmium has been detected in almost every surface water sample collected from Lake Capri during the eight sampling events; however, none have exceeded the 5 µg/L criterion. Cadmium was also detected in Willetts Creek surface water sample SW-5 and exceeded the criterion in six of eight samples. There was only one anomalous exceedance in Willetts Creek sample SW-5 during the eight sampling events.

A majority of samples from Lake Capri and Willetts Creek had exceedances of iron, manganese and sodium. These most likely represent natural conditions in the creek and lake and are not Site related.

5.3 Sediments

The sediment sample data indicate that the surficial sediments in Lake Capri and Willetts Creek remain contaminated with metals concentrations above the applicable NYSDEC Technical Guidance

for Sediment Criteria. Cadmium has been detected above the lowest effects criterion in 40 of 48 samples collected during the eight rounds of sampling and above the highest effects level in 35 of 48 samples as shown on Figure 5. The four lake samples indicate that cadmium is still a contaminant of concern for the lake bottom sediments. The lower Willetts Creek sample (SED-5) indicates that cadmium contamination is still present in the lower reach of the creek. The sediment sample nearest the Site, SED-6, has mostly been below the guidance values.

Lead has been detected above the lowest effects criterion in 36 of 48 samples collected as shown on Figure 12. Of these, 22 were above the highest effects level. The highest concentrations appear to be along the southern end of the lake (SED-1 and SED-2).

Several other metals including antimony, arsenic, chromium, copper, iron, manganese, mercury, nickel, and zinc, have been detected sporadically at concentrations exceeding the criteria during the eight sampling events.

Sediment sampling in Willetts Creek and Lake Capri indicated the presence of elevated levels of cadmium in sediment. In order to establish whether previous remedial dredging operations were successful, the creek and lake were re-sampled in April 2013. The entire length of Willetts Creek from Union Boulevard to Lake Capri was surveyed. Sediment samples were collected approximately every 100 ft to assess cadmium concentrations in the creek. Five east-west transects were established in Lake Capri to collect samples to assess cadmium concentrations in the lake sediment. The transects were positioned evenly between the weir on Sunset Boulevard and the mouth of Willetts Creek. Five samples were collected along each transect.

Based on the April 2013 sediment results, additional samples were collected in Willetts Creek in November 2013. Sixteen transects were sampled adjacent to the high school athletics fields. The results of the sediment sampling in Willetts Creek were summarized in a letter report dated July 2014.

5.4 Recommendations

The collection of filtered metals samples can be discontinued for the next sampling round.

As mentioned above, it appears that the cadmium plume extends beneath Everdell Avenue, east of Willetts Creek. Geoprobe borings should be advanced along Everdell Avenue to collect groundwater samples to verify the concentrations downgradient of the MW-23S/MW-23D well cluster. Proposed geoprobe boring locations are shown on Figure 14. Hydropunch samples will be collected from two borings at the water table (approximately 5 ft bgs) 20, ft bgs 30 ft bgs, 40 ft bgs, and 50 ft bgs.

Incorporate the findings of the Willetts Creek sediment sampling into the long term monitoring program. Select new sampling locations in Willetts Creek and Lake Capri for long term monitoring.

The next five-quarter sampling event is scheduled for May 2016.

Tables

TABLE 1
DZUS FASTENERS SITE (1-52-033)
WELL CONSTRUCTION DATA

Well Number	Latitude	Longitude	Ground Elevation	Top of Riser Elevation	Top of Casing Elevation	Total Depth of Well
MW-1	40° 42.49	73° 18.10	22.44	22.03	22.44	15.3
MW-2	40° 42.45	73° 18.10	22.16	21.42	22.16	14.3
MW-3	40° 42.49	73° 18.02	20.23	19.71	20.23	15.0
MW-9	40° 42.50	73° 18.02	19.14	18.83	19.14	11.5
MW-9B	40° 42.49	73° 18.01	19.08	18.75	19.08	44.5
MW-13A	40° 42.44	73° 17.100	16.34	16.02	16.34	10.7
MW-13B	40° 42.43	73° 17.99	16.14	15.82	16.14	44.3
MW-15A	40° 42.49	73° 17.97	19.45	19.09	19.45	28.8
MW-15B	40° 42.50	73° 17.96	19.35	19.06	19.35	84.7
MW-17						
MW-18			14.69	14.31	14.66	13.5
MW-22A	40° 42.491	73° 17.941	20.49	20.09	20.49	14.4
MW-22B	40° 42.491	73° 17.941	20.35	19.95	20.35	44.5
MW-23A	40° 42.402	73° 17.991	17.57	17.34	17.57	14.3
MW-23B	40° 42.403	73° 17.987	17.54	17.29	17.54	44.5

Notes:

All elevations and depths are in feet

Vertical datum: on-site benchmark from previous survey.

Latitude / Longitude taken from a previous report

Survey performed by YEC, Inc., on April 18, 2007

TABLE 2
DZUS FASTENERS SITE (1-52-033)
GROUNDWATER ELEVATIONS

Well #	Reference Elevation	Date	Depth To Water	Water Table Elevation	Comments
MW-1	22.03	6/8/06	8.00	14.03	could not be located, damaged during snow removal
		8/22/07	8.62	13.41	
		11/11/08	NC		
		3/10/10	NC		
		5/25/11	NC		
		8/22/12	NC		
		11/5/13	NC		
		3/18/15	NC		
MW-2	21.42	6/8/06	8.15	13.27	
		8/22/07	8.50	12.92	
		11/11/08	8.30	13.12	
		3/10/10	7.43	13.99	
		5/25/11	7.77	13.65	
		8/22/12	8.33	13.09	
		11/5/13	9.66	11.76	
		3/18/15	7.43	13.99	
MW-3	19.71	6/8/06	5.77	13.94	
		8/22/07	6.30	13.41	
		11/11/08	6.25	13.46	
		3/10/10	5.36	14.35	
		5/25/11	5.62	14.09	
		8/22/12	6.23	13.48	
		11/5/13	7.53	12.18	
		3/18/15	5.34	14.37	
MW-9	18.83	6/8/06	4.59	14.24	
		8/22/07	5.15	13.68	
		11/11/08	5.01	13.82	
		3/10/10	4.19	14.64	
		5/25/11	4.45	14.38	
		8/22/12	5.05	13.78	
		11/5/13	6.50	12.33	
		3/18/15	4.20	14.63	
MW-9B	18.75	6/8/06	4.50	14.25	
		8/22/07	5.05	13.70	
		11/11/08	4.93	13.82	
		3/10/10	4.11	14.64	
		5/25/11	4.36	14.39	
		8/22/12	5.00	13.75	
		11/5/13	5.52	13.23	
		3/18/15	4.09	14.66	

TABLE 2
DZUS FASTENERS SITE (1-52-033)
GROUNDWATER ELEVATIONS

Well #	Reference Elevation	Date	Depth To Water	Water Table Elevation	Comments
MW-13A	16.02	6/8/06	2.59	13.43	
		8/22/07	3.02	13.00	
		11/11/08	2.90	13.12	
		3/10/10	2.27	13.75	
		5/25/11	2.51	13.51	
		8/22/12	2.93	13.09	
		11/5/13	4.41	11.61	
		3/17/15	2.22	13.80	
MW-13B	15.82	6/8/06	2.39	13.43	
		8/22/07	2.85	12.97	
		11/11/08	2.69	13.13	
		3/10/10	2.08	13.74	
		5/25/11	2.32	13.50	
		8/22/12	2.77	13.05	
		11/5/13	4.35	11.47	
		3/17/15	2.15	13.67	
MW-15A	19.09	6/7/06	5.48	13.61	
		8/22/07	5.80	13.29	
		11/11/08	5.64	13.45	
		3/10/10	4.95	14.14	
		5/25/11	5.15	13.94	
		8/22/12	5.69	13.40	
		11/5/13	5.34	13.75	
		3/17/15	4.86	14.23	
MW-15B	19.06	6/7/06	5.35	13.71	
		8/22/07	5.70	13.36	
		11/11/08	5.58	13.48	
		3/10/10	NC		
		5/25/11	5.10	13.96	unable to access, ACE Hardware
		8/22/12	5.65	13.41	
		11/5/13	5.21	13.85	
		3/17/15	4.60	14.46	
MW-17		5/25/11			Could not be located
		11/5/13			
		3/17/15	6.14		

TABLE 2
DZUS FASTENERS SITE (1-52-033)
GROUNDWATER ELEVATIONS

Well #	Reference Elevation	Date	Depth To Water	Water Table Elevation	Comments
MW-18	14.31	6/8/06	7.93	6.38	
		8/23/07	5.05	9.26	
		11/11/08	4.98	9.33	
		3/10/10	4.52	9.79	
		5/25/11	4.70	9.61	
		8/22/12	4.92	9.39	
		11/5/13	5.41	8.90	
		3/17/15	4.35	9.96	
MW-22A	20.09	6/7/06	6.00	14.09	
		8/22/07	6.44	13.65	
		11/11/08	6.38	13.71	
		3/10/10	5.78	14.31	
		5/25/11	5.92	14.17	
		8/22/12	6.45	13.64	
		11/5/13	7.70	12.39	
		3/17/15	5.72	14.37	
MW-22B	19.95	6/7/06	5.82	14.13	
		8/22/07	6.30	13.65	
		11/11/08	6.20	13.75	
		3/10/10	5.61	14.34	
		5/25/11	5.74	14.21	
		8/22/12	6.28	13.67	
		11/5/13	5.65	14.30	
		3/17/15	5.00	14.95	
MW-23A	17.34	6/7/06	4.59	12.75	
		8/22/07	4.80	12.54	
		11/11/08	4.62	12.72	
		3/10/10	4.16	13.18	
		5/25/11	4.38	12.96	
		8/22/12	5.30	12.04	
		11/5/13	5.72	11.62	
		3/17/15	4.21	13.13	
MW-23B	17.29	6/7/06	4.51	12.78	
		8/22/07	5.05	12.24	
		11/11/08	4.59	12.70	
		3/10/10	4.06	13.23	
		5/25/11	4.31	12.98	
		8/22/12	4.62	12.67	
		11/5/13	6.51	10.78	
		3/17/15	4.10	13.19	

Notes:

All measurements in feet from top of casing
Vertical data NGVD

TABLE 3
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH MARCH 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-17	MW-17
Sample ID	Class GA	DMW-17	DMW-17F
Laboratory ID	Ground	AC83807-021	AC83807-022
Sample Date	Water	3/17/15	3/17/15
Filtered/Unfiltered	Criteria	Unfiltered conc. Q	Filtered conc. Q
Aluminum	NC	ND	ND
Antimony	3	ND	ND
Arsenic	25	ND	ND
Barium	1,000	ND	ND
Beryllium	3	ND	ND
Cadmium	5	ND	4.1
Calcium	NC	37,000	41,000
Chromium	50	ND	ND
Cobalt	NC	ND	ND
Copper	200	ND	ND
Iron	300	880	ND
Lead	25	6.5	ND
Magnesium	35,000	11,000	12,000
Manganese	300	520	ND
Mercury	0.7	ND	ND
Nickel	100	ND	ND
Potassium	NC	ND	ND
Selenium	10	ND	ND
Silver	50	ND	ND
Sodium	20,000	7,100	8,400
Thallium	0.5	ND	ND
Vanadium	NC	ND	ND
Zinc	2,000	ND	ND

Notes: All values in µg/L
BOLD/Italics - exceeds criterion
 B - Estimated value (greater than MDL but less than RL)
 N - Matrix spike recovery falls outside of the control limit
 NC - No Criteria
 NA - Not analyzed
 E - Estimated due to matrix interference
 * - Replicate RPDs were not within QC limits
 ND - Not Detected
 Groundwater Contaminants of Concern

	Upgradient Wells
	Source Area Wells
	Downgradient Wells
	Willetts Creek Wells

TABLE 3
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH MARCH 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-1	MW-1	MW-1	MW-1	MW-1
Sample ID	Class GA	MW-1	DMW-1	DMW-1	DMW-1	DMW-1
Laboratory ID	Ground	E0773-05A	F1193-01A	destroyed	destroyed	destroyed
Sample Date	Water	6/8/06	8/22/07	11/11/08	3/10/10	5/25/11
Filtered/Unfiltered	Criteria	Unfiltered	Unfiltered			
		conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	4,180	3,160	NA	NA	NA
Antimony	3	ND	ND	NA	NA	NA
Arsenic	25	4.3 B	3.8 B	NA	NA	NA
Barium	1,000	80.2 B	73.3 B	NA	NA	NA
Beryllium	3	0.42 B	0.25 B	NA	NA	NA
Cadmium	5	23.9	5.1	NA	NA	NA
Calcium	NC	8,790	7,150	NA	NA	NA
Chromium	50	8.0 B	5.0 B	NA	NA	NA
Cobalt	NC	5.1 B	6.9 BE	NA	NA	NA
Copper	200	18.3 B	16.0 B	NA	NA	NA
Iron	300	13,200	12,600	NA	NA	NA
Lead	25	3.9 B	9.8 B	NA	NA	NA
Magnesium	35,000	3,010	2,420	NA	NA	NA
Manganese	300	210	158	NA	NA	NA
Mercury	0.7	ND	ND	NA	NA	NA
Nickel	100	8.7 B	8.7 B	NA	NA	NA
Potassium	NC	1,760	1,680	NA	NA	NA
Selenium	10	ND	5.4 B	NA	NA	NA
Silver	50	ND	ND	NA	NA	NA
Sodium	20,000	22,500	23,100	NA	NA	NA
Thallium	0.5	1.9 B	5.5 B	NA	NA	NA
Vanadium	NC	7.8 B	8.2 B	NA	NA	NA
Zinc	2,000	244	196	NA	NA	NA

Notes: All values in µg/L
BOLD/Italics - exceeds criterion
 B - Estimated value (greater than MDL but less than RL)
 N - Matrix spike recovery falls outside of the control limit
 NC - No Criteria
 NA - Not analyzed
 E - Estimated due to matrix interference
 * - Replicate RPDs were not within QC limits
 ND - Not Detected
Groundwater Contaminants of Concern

	Upgradient Wells
	Source Area Wells
	Downgradient Wells
	Willetts Creek Wells

TABLE 3
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH MARCH 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-1	MW-1	MW-1
Sample ID	Class GA	DMW-1	DMW-1	DMW-1
Laboratory ID	Ground	destroyed	destroyed	destroyed
Sample Date	Water	8/22/12	11/5/13	3/18/15
Filtered/Unfiltered	Criteria	conc. Q	conc. Q	conc. Q
Aluminum	NC	NA	NA	NA
Antimony	3	NA	NA	NA
Arsenic	25	NA	NA	NA
Barium	1,000	NA	NA	NA
Beryllium	3	NA	NA	NA
Cadmium	5	NA	NA	NA
Calcium	NC	NA	NA	NA
Chromium	50	NA	NA	NA
Cobalt	NC	NA	NA	NA
Copper	200	NA	NA	NA
Iron	300	NA	NA	NA
Lead	25	NA	NA	NA
Magnesium	35,000	NA	NA	NA
Manganese	300	NA	NA	NA
Mercury	0.7	NA	NA	NA
Nickel	100	NA	NA	NA
Potassium	NC	NA	NA	NA
Selenium	10	NA	NA	NA
Silver	50	NA	NA	NA
Sodium	20,000	NA	NA	NA
Thallium	0.5	NA	NA	NA
Vanadium	NC	NA	NA	NA
Zinc	2,000	NA	NA	NA

Notes: All values in µg/L
BOLD/Italics - exceeds criterion
B - Estimated value (greater than MDL but less than RL)
N - Matrix spike recovery falls outside of the control limit
NC - No Criteria
NA - Not analyzed
E - Estimated due to matrix interference
* - Replicate RPDs were not within QC limits
ND - Not Detected
Groundwater Contaminants of Concern

	Upgradient Wells
	Source Area Wells
	Downgradient Wells
	Willetts Creek Wells

TABLE 3
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH MARCH 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2
Sample ID	Class GA	MW-2	DMW-2	DMW-2	DMW-2	DMW-2	DMW-2
Laboratory ID	Ground	E0773-10A	F1193-04A	G2114-01	J0429-10A	K0942-01	K0942-02
Sample Date	Water	6/7/06	8/22/07	11/11/08	3/10/10	5/25/11	5/25/11
Filtered/Unfiltered	Criteria	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Filtered
		conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	7,090	1,580	242	3,880 E	1,500	ND
Antimony	3	ND	7.3 B	ND	9.4 B	ND	ND
Arsenic	25	3.9 B	6.3 B	ND	7.7 B	12.4 B	5.0 B
Barium	1,000	96.5 B	212	38.7 B	47.9 B	51.1 B	34.2 B
Beryllium	3	0.4 B	0.71 B	0.27 B	0.51 B	0.33 B	ND
Cadmium	5	4.2 B	8.6	2.7 B	10.4	ND	ND
Calcium	NC	15,500	28,200	14,500	11,100	38,700	34,500
Chromium	50	8.8 B	3.1 B	ND	6.8 B	2.2 B	ND
Cobalt	NC	18.3 B	27 BE	13.8 B	9.3 B	11.4 B	7.6 B
Copper	200	19.3 B	8.3 B	12.6 B	34.9	7.9 B	ND
Iron	300	14,900	25,200	23,300	12,000 N	88,900	17,600
Lead	25	14.7	4.2 B	5.2 B	6.9 B	7.5 B	ND
Magnesium	35,000	3,740	4,690	2,700	2,810	3,690	3,510
Manganese	300	518	989	2,150	768	882	655
Mercury	0.7	ND	ND	ND	0.084 B	ND	ND
Nickel	100	13.3 B	9.0 B	4.7 B	13.5 B	6.5 B	2.8 B
Potassium	NC	2,140	2,780	1,880	1,450	2,470	2,410
Selenium	10	1.4 B	ND	ND	ND	ND	ND
Silver	50	ND	ND	ND	ND	ND	ND
Sodium	20,000	21,500	66,200	18,600	18,200	25,200	24,100
Thallium	0.5	2.3 B	6.3 B	ND	ND	ND	ND
Vanadium	NC	11.9 B	4.0 B	ND	16.2 B	2.5 B	ND
Zinc	2,000	138	82.8	64.3	109	111	30.5 B

Notes: All values in µg/L
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 Groundwater Contaminants of Concern

	Upgradient Wells
	Source Area Wells
	Downgradient Wells
	Willets Creek Wells

TABLE 3
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH MARCH 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2
Sample ID	Class GA	DMW-2	DMW-2F	DMW-2	DMW-2F	DMW-2	DMW-2F
Laboratory ID	Ground	L1807-19	L1808-15	AC75646-005	AC75646-006	AC83807-027	AC83807-028
Sample Date	Water	8/22/12	8/22/12	11/6/13	11/6/13	3/18/15	3/18/15
Filtered/Unfiltered	Criteria	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
		conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	328	ND	300	ND	7,200	ND
Antimony	3	ND	ND	ND	ND	ND	ND
Arsenic	25	ND	ND	3	ND	21.0	ND
Barium	1,000	20.4 B	18.4 B	ND	ND	65.0	ND
Beryllium	3	ND	ND	ND	ND	ND	ND
Cadmium	5	ND	ND	ND	ND	15.0	2.6
Calcium	NC	12,500 E	12,300	15,000	14,000	21,000	20,000
Chromium	50	0.73 B	ND	ND	ND	ND	ND
Cobalt	NC	1.2 B	1.0 B	2.6	ND	13.0	3.8
Copper	200	ND	ND	ND	ND	ND	ND
Iron	300	1,590 E	1,060	9,200	3,300	98,000	4,200
Lead	25	ND	ND	ND	ND	29.0	ND
Magnesium	35,000	1,850	1,790	ND	ND	ND	ND
Manganese	300	124	115	170	150	410	240
Mercury	0.7	ND	ND	ND	ND	ND	ND
Nickel	100	1.7 B	1.3 B	ND	ND	ND	ND
Potassium	NC	1,440	1,430	ND	ND	ND	ND
Selenium	10	ND	ND	ND	ND	ND	ND
Silver	50	ND	ND	ND	ND	ND	ND
Sodium	20,000	24,400 E	23,500	25,000	22,000	19,000	20,000
Thallium	0.5	ND	ND	ND	ND	ND	ND
Vanadium	NC	ND	ND	ND	ND	ND	ND
Zinc	2,000	18.4 B	5.2 B	ND	ND	210	ND

Notes: All values in µg/L
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 Groundwater Contaminants of Concern

	Upgradient Wells
	Source Area Wells
	Downgradient Wells
	Willets Creek Wells

TABLE 3
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH MARCH 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3
Sample ID	Class GA	MW-3	DMW-3	DMW-3	DMW-3	DMW-3	DMW-3
Laboratory ID	Ground	E0773-07A	F1193-07A	G2114-04	J0429-11A	K0942-03	K0942-04
Sample Date	Water	6/8/06	8/22/07	11/11/08	3/10/10	5/25/11	5/25/11
Filtered/Unfiltered	Criteria	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Filtered
		conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	5,650	620	314	2,890 E	8,520	ND
Antimony	3	ND	ND	ND	7.2 B	ND	ND
Arsenic	25	2.9 B	ND	ND	3.2 B	7.1 B	6.3 B
Barium	1,000	90.9 B	37.2 B	28.3 B	35.3 B	59.7 B	20.3 B
Beryllium	3	0.26 B	ND	ND	0.25 B	0.7 B	ND
Cadmium	5	77.4	74.4	70.8	98.4	73.5	13.1
Calcium	NC	17,800	17,200	11,800	10,600	11,000	9,750
Chromium	50	9.2 B	1.6 B	ND	6.4 B	11.4 B	ND
Cobalt	NC	4.4 B	1.6 BE	ND	2.2 B	4.7 B	ND
Copper	200	16.1 B	5.4 B	ND	6.8 B	9.7 B	ND
Iron	300	4,430	649	253	3,680 N	7,430	ND
Lead	25	ND	3.8 B	2.7 B	3.9 B	7.5 B	ND
Magnesium	35,000	4,160	3,820	2,650	2,670	2,890	1,970
Manganese	300	423	301	262	553	980	ND
Mercury	0.7	ND	ND	ND	0.067 B	0.057 B	ND
Nickel	100	6.8 B	2.1 B	1.6 B	7.4 B	5.0 B	ND
Potassium	NC	2,630	2,050	1,420	1,500	2,170	1,790
Selenium	10	ND	8.4 B	ND	10.6 B	ND	ND
Silver	50	ND	3.5 B	ND	ND	ND	ND
Sodium	20,000	27,700	31,000	25,000	20,700	20,400	19,400
Thallium	0.5	2.5 B	ND	ND	ND	ND	ND
Vanadium	NC	8.1 B	1.1 B	ND	4 B	9.6 B	ND
Zinc	2,000	87.0	29.4 B	26.2 B	29.0 B	34.0 B	18.9 B

Notes: All values in µg/L
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Groundwater Contaminants of Concern

	Upgradient Wells
	Source Area Wells
	Downgradient Wells
	Willetts Creek Wells

TABLE 3
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH MARCH 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3
Sample ID	Class GA	DMW-3	DMW-3F	DMW-3	DMW-3F	DMW-3	DMW-3F
Laboratory ID	Ground	L1807-20	L1808-17	AC75646-011	AC75646-012	AC83807-031	AC83807-032
Sample Date	Water	8/22/12	8/22/12	11/6/13	11/6/13	3/18/15	3/18/15
Filtered/Unfiltered	Criteria	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
		conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	ND	ND	330	ND	490	ND
Antimony	3	10.7 B	ND	ND	ND	ND	ND
Arsenic	25	ND	ND	ND	ND	ND	ND
Barium	1,000	29.0 B	28.0 B	ND	ND	ND	ND
Beryllium	3	ND	ND	ND	ND	ND	ND
Cadmium	5	16.3	15.1	12.0	13.0	20.0	14.0
Calcium	NC	11,100 E	10,700	9,000	9,700	9,300	9,300
Chromium	50	ND	0.90 B	ND	ND	ND	ND
Cobalt	NC	ND	ND	ND	ND	ND	ND
Copper	200	ND	ND	ND	ND	ND	ND
Iron	300	50.5 B	ND	ND	ND	510	ND
Lead	25	ND	ND	ND	ND	ND	ND
Magnesium	35,000	2,220	2,180	ND	ND	ND	ND
Manganese	300	ND	ND	ND	ND	64	ND
Mercury	0.7	ND	ND	ND	ND	ND	ND
Nickel	100	0.92 B	ND	ND	ND	ND	ND
Potassium	NC	2,420	2,400	ND	ND	ND	ND
Selenium	10	ND	ND	ND	ND	ND	ND
Silver	50	ND	ND	ND	ND	ND	ND
Sodium	20,000	23,400 E	23,000	43,000	45,000	18,000	18,000
Thallium	0.5	ND	ND	ND	ND	ND	ND
Vanadium	NC	ND	ND	ND	ND	ND	ND
Zinc	2,000	ND	7.1 B	ND	ND	ND	ND

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Groundwater Contaminants of Concern

	Upgradient Wells
	Source Area Wells
	Downgradient Wells
	Willetts Creek Wells

TABLE 3
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH MARCH 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9
Sample ID	Class GA	MW-9	DMW-9	DMW-9	DMW-9	DMW-9	DMW-9
Laboratory ID	Ground	E0773-09A	F1193-06A	G2114-02	J0429-12A	K0942-05	K0942-06
Sample Date	Water	6/8/06	8/22/07	11/11/08	3/10/10	5/25/11	5/25/11
Filtered/Unfiltered	Criteria	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Filtered
		conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	16,800	3,520	611	2,300 E	2,850	ND
Antimony	3	ND	ND	ND	ND	ND	ND
Arsenic	25	32.6	16.2 B	ND	11.4 B	11.5 B	4.9 B
Barium	1,000	102 B	44.7 B	30.2 B	39.2 B	71.0 B	49.2 B
Beryllium	3	0.63 B	ND	0.21 B	0.29 B	0.42 B	ND
Cadmium	5	32.8	22.4	15.5	17.5	18.7	9.5
Calcium	NC	16,000	15,100	10,800	21,900	29,000	25,600
Chromium	50	125	62.2	35.3	62.7	85.5	2.9 B
Cobalt	NC	5.2 B	4.9 BE	1.5 B	2.0 B	2.5 B	ND
Copper	200	62.3	41.4	17.3 B	32.5	41.1	ND
Iron	300	21,600	12,400	3,670	11,300 N	11,600	1,760
Lead	25	11.6	10.6	5.9 B	8.1 B	9.9 B	ND
Magnesium	35,000	3,170	1,550	2,690	4,210	4,110	3,900
Manganese	300	151	117	62.6	124	149	15.3 B
Mercury	0.7	ND	ND	ND	0.088 B	ND	ND
Nickel	100	18.3 B	7.3 B	3.3 B	8.0 B	6.5 B	2.4 B
Potassium	NC	3,270	4,830	1,720	3,950	6,310	5,210
Selenium	10	2.7 B	ND	ND	ND	ND	ND
Silver	50	ND	ND	ND	ND	ND	ND
Sodium	20,000	25,500	52,100	16,100	29,100	72,800	68,700
Thallium	0.5	ND	ND	ND	ND	ND	ND
Vanadium	NC	33.1 B	13.4 B	5.5 B	10.4 B	12.8 B	ND
Zinc	2,000	170	73.1	55.9	82.8	90.9	36.6 B

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Groundwater Contaminants of Concern

	Upgradient Wells
	Source Area Wells
	Downgradient Wells
	Willetts Creek Wells

TABLE 3
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH MARCH 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9
Sample ID	Class GA	DMW-9	DMW-9F	DMW-9	DMW-9F	DMW-9	DMW-9F
Laboratory ID	Ground	L1807-21	L1808-19	AC75646-031	AC75646-032	AC83807-029	AC83807-030
Sample Date	Water	8/22/12	8/22/12	11/7/13	11/7/13	3/18/15	3/18/15
Filtered/Unfiltered	Criteria	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
		conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	163 B	ND	ND	ND	ND	ND
Antimony	3	9.5 B	ND	ND	ND	ND	ND
Arsenic	25	ND	ND	ND	ND	ND	ND
Barium	1,000	17.8 B	17.0 B	ND	ND	ND	ND
Beryllium	3	ND	ND	ND	ND	ND	ND
Cadmium	5	4.9 B	4.4 B	3.4	3.0	ND	2.4
Calcium	NC	13,900 E	13,700	12,000	12,000	13,000	14,000
Chromium	50	8.3 B	4.0 B	ND	ND	ND	ND
Cobalt	NC	ND	ND	ND	ND	ND	ND
Copper	200	ND	ND	ND	ND	ND	ND
Iron	300	556 E	ND	ND	ND	550	ND
Lead	25	ND	ND	ND	ND	ND	ND
Magnesium	35,000	3,300	3,220	ND	ND	ND	ND
Manganese	300	ND	ND	ND	ND	ND	ND
Mercury	0.7	ND	ND	ND	ND	ND	ND
Nickel	100	1.4 B	2.3 B	ND	ND	ND	ND
Potassium	NC	1,420	1,390	ND	ND	ND	ND
Selenium	10	ND	ND	ND	ND	ND	ND
Silver	50	ND	ND	ND	ND	ND	ND
Sodium	20,000	26,300 E	25,900	11,000	11,000	18,000	21,000
Thallium	0.5	ND	ND	ND	ND	ND	ND
Vanadium	NC	ND	ND	ND	ND	ND	ND
Zinc	2,000	12.9 B	11.8 B	ND	ND	ND	ND

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Groundwater Contaminants of Concern

	Upgradient Wells
	Source Area Wells
	Downgradient Wells
	Willetts Creek Wells

TABLE 3
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH MARCH 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-9B	MW-9B	MW-9B	MW-9B	MW-9B	MW-9B
Sample ID	Class GA	MW-9B	DMW-9B	DMW-9B	DMW-9B	DMW-9B	DMW-9B
Laboratory ID	Ground	E0773-08A	F1193-05A	G2114-03	J0429-14A	K0942-07	K0942-08
Sample Date	Water	6/8/06	8/22/07	11/11/08	3/10/10	5/25/11	5/25/11
Filtered/Unfiltered	Criteria	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Filtered
		conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	213	177 B	ND	49.5 BE	99.1 B	ND
Antimony	3	1.8 B	4.6 B	ND	ND	ND	ND
Arsenic	25	ND	ND	ND	ND	ND	6.2 B
Barium	1,000	45.5 B	25.5 B	27.1 B	17.1 B	14.4 B	12.8 B
Beryllium	3	ND	ND	ND	0.051 B	ND	ND
Cadmium	5	2.9 B	1.2 B	0.23 B	3.6 B	ND	ND
Calcium	NC	10,800	11,900	8,180	6,950	8,580	8,480
Chromium	50	2.2 B	3.4 B	ND	2.4 B	1.4 B	ND
Cobalt	NC	2.6 B	1.5 BE	ND	ND	ND	ND
Copper	200	28.8 B	14.8 B	ND	ND	ND	ND
Iron	300	561	429	134 B	286 N	528	31.8 B
Lead	25	ND	6.0 B	ND	ND	ND	ND
Magnesium	35,000	1,640	1,630	1,330	1,380	1,490	1,430
Manganese	300	211	306	171	69.5	92.4	ND
Mercury	0.7	ND	ND	ND	ND	ND	ND
Nickel	100	8.6 B	2.9 B	ND	1.9 B	1.8 B	0.88 B
Potassium	NC	2,140	2,050	1,940	1,950	1,910	1,670
Selenium	10	ND	ND	ND	12.7 B	ND	ND
Silver	50	ND	2.2 B	ND	ND	ND	ND
Sodium	20,000	8,070	10,100	11,800	7,660	6,730	6,650
Thallium	0.5	ND	ND	ND	ND	ND	ND
Vanadium	NC	ND	0.83 B	ND	ND	ND	ND
Zinc	2,000	83.7	36.0 B	35.3 B	23.3 B	27.1 B	25.4 B

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Groundwater Contaminants of Concern

	Upgradient Wells
	Source Area Wells
	Downgradient Wells
	Willets Creek Wells

TABLE 3
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH MARCH 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-9B	MW-9B	MW-9B	MW-9B	MW-9B	MW-9B
Sample ID	Class GA	DMW-9B	DMW-9BF	DMW-9B	DMW-9BF	DMW-9B	DMW-9BF
Laboratory ID	Ground	L1807-22	L1808-18	AC75646-013	AC75646-014	AC83807-023	AC83807-024
Sample Date	Water	8/22/12	8/22/12	11/6/13	11/6/13	3/18/15	3/18/15
Filtered/Unfiltered	Criteria	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
		conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	ND	ND	ND	ND	ND	ND
Antimony	3	ND	ND	ND	ND	ND	ND
Arsenic	25	ND	ND	ND	ND	ND	ND
Barium	1,000	22.2 B	21.1 B	ND	ND	ND	ND
Beryllium	3	ND	ND	ND	ND	ND	ND
Cadmium	5	ND	ND	ND	ND	ND	2.5
Calcium	NC	9,300 E	8,330	11,000	10,000	6,400	6,700
Chromium	50	0.82 B	ND	ND	ND	ND	ND
Cobalt	NC	ND	ND	ND	ND	ND	ND
Copper	200	ND	ND	ND	ND	ND	ND
Iron	300	39.5 B	ND	ND	ND	ND	ND
Lead	25	ND	ND	ND	ND	ND	ND
Magnesium	35,000	1,680	1,480	ND	ND	ND	ND
Manganese	300	ND	ND	ND	ND	44	ND
Mercury	0.7	ND	ND	ND	ND	ND	ND
Nickel	100	ND	ND	ND	ND	ND	ND
Potassium	NC	1,800	1,790	ND	ND	ND	ND
Selenium	10	ND	ND	ND	ND	ND	ND
Silver	50	ND	ND	ND	ND	ND	ND
Sodium	20,000	21,400 E	19,700	10,000	9,000	13,000	14,000
Thallium	0.5	ND	ND	ND	ND	ND	ND
Vanadium	NC	ND	ND	ND	ND	ND	ND
Zinc	2,000	ND	ND	ND	ND	ND	ND

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Groundwater Contaminants of Concern

	Upgradient Wells
	Source Area Wells
	Downgradient Wells
	Willets Creek Wells

TABLE 3
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH MARCH 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-13A	MW-13A	MW-13A	MW-13A	MW-13A	MW-13A
Sample ID	Class GA	MW-13A	DMW-13A	DMW-13A	DMW-13A	DMW-13A	DMW-13A
Laboratory ID	Ground	E0773-13A	F1193-14A	F1193-14A	J0429-15A	K0942-17	K0942-18
Sample Date	Water	6/8/06	8/22/07	11/12/08	3/10/10	5/25/11	5/25/11
Filtered/Unfiltered	Criteria	Unfiltered conc. Q	Unfiltered conc.	Unfiltered conc.	Unfiltered conc.	Unfiltered conc.	Filtered conc.
Aluminum	NC	15,000	2,560	258	529 E	2,100	ND
Antimony	3	ND	ND	ND	ND	ND	ND
Arsenic	25	5.7 B	ND	ND	ND	13.1 B	ND
Barium	1,000	176 B	94.0 B	185 B	605	886	20.5 B
Beryllium	3	0.53 B	ND	ND	0.073 B	ND	ND
Cadmium	5	174	94.1	67.7	267	373	10.3
Calcium	NC	37,900	23,300	19,900	43,700	27,500	24,900
Chromium	50	12.9 B	2.7 B	ND	3.9 B	22.1	ND
Cobalt	NC	55.8	45.4 BE	35.4 B	144	268	1.1 B
Copper	200	34.3	ND	ND	17.9 B	20.8 B	ND
Iron	300	12,700	3,490	300	749 N	2,310	ND
Lead	25	5.7 B	2.5 B	ND	5.3 B	ND	ND
Magnesium	35,000	5,580	3,640	2,630	4,570	3,820	3,340
Manganese	300	9,560	8,040	16,400	33,900	61,600	1,720
Mercury	0.7	ND	ND	ND	0.063 B	ND	ND
Nickel	100	9.4 B	2.1 B	ND	2.6 B	3.3 B	ND
Potassium	NC	7,430	6,390	3,680	7,510	6,700 E	5,990 E
Selenium	10	ND	ND	ND	ND	ND	ND
Silver	50	ND	3.5 B	ND	ND	12.1 B	ND
Sodium	20,000	94,500	77,500	21,700	247,000	38,400	37,500
Thallium	0.5	44	ND	11.7 B	88.2	ND	ND
Vanadium	NC	17.6 B	3.7 B	ND	2.7 B	6.4 B	ND
Zinc	2,000	53.3	16.8 B	20.8 B	27.4 B	36.1 B	18.0 B

Notes: All values in µg/L
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NA - Not analyzed
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* - Replicate RPDs were not within QC limits
ND - Not Detected
Groundwater Contaminants of Concern

	Upgradient Wells
	Source Area Wells
	Downgradient Wells
	Willetts Creek Wells

TABLE 3
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH MARCH 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-13A	MW-13A	MW-13A	MW-13A	MW-13A	MW-13A
Sample ID	Class GA	DMW-13A	DMW-13AF	DMW-13A	DMW-13AF	DMW-13A	DMW-13AF
Laboratory ID	Ground	L1807-15	L1808-25	AC75646-021	AC75646-022	AC83807-011	AC83807-012
Sample Date	Water	8/22/12	8/22/12	11/7/13	11/7/13	3/17/15	3/17/15
Filtered/Unfiltered	Criteria	Unfiltered conc.	Filtered conc.	Unfiltered conc.	Filtered conc.	Unfiltered conc.	Filtered conc.
Aluminum	NC	204	ND	ND	ND	420	ND
Antimony	3	ND	ND	ND	ND	ND	ND
Arsenic	25	ND	ND	ND	ND	ND	ND
Barium	1,000	77.9 B	31.4 B	ND	ND	ND	ND
Beryllium	3	ND	ND	ND	ND	ND	ND
Cadmium	5	93.5	64.4	120	120	9.6	9.1
Calcium	NC	7,850	7,800	14,000	13,000	20,000	21,000
Chromium	50	2.8 B	1.9 B	ND	ND	ND	ND
Cobalt	NC	33.7 B	15.1 B	16.0	17.0	17.0	18.0
Copper	200	6.7 B	ND	ND	ND	ND	ND
Iron	300	3,690	1,580	7,300	6,400	8,600	6,200
Lead	25	ND	ND	ND	ND	ND	25.0
Magnesium	35,000	936	960	ND	ND	ND	ND
Manganese	300	6,190	3,430	1,700	1,700	1,100	1,200
Mercury	0.7	ND	ND	ND	ND	ND	ND
Nickel	100	1.1 B	2.7 B	ND	ND	ND	ND
Potassium	NC	2,250 E	2,140	ND	ND	ND	ND
Selenium	10	ND	ND	ND	ND	ND	ND
Silver	50	ND	ND	ND	ND	ND	ND
Sodium	20,000	47,000	46,900	31,000	31,000	43,000	47,000
Thallium	0.5	9.2 B	ND	ND	ND	ND	ND
Vanadium	NC	ND	ND	ND	ND	ND	ND
Zinc	2,000	9.5 B	ND	ND	ND	ND	ND

Notes: All values in µg/L
BOLD/Italics - exceeds criterion
B - Estimated value (greater than MDL but less than RL)
N - Matrix spike recovery falls outside of the control limit
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ND - Not Detected
Groundwater Contaminants of Concern

	Upgradient Wells
	Source Area Wells
	Downgradient Wells
	Willetts Creek Wells

TABLE 3
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH MARCH 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-13B	MW-13B	MW-13B	MW-13B	MW-13B	MW-13B
Sample ID	Class GA	MW-13B	DMW-13B	DMW-13B	DMW-13B	DMW-13B	DMW-13B
Laboratory ID	Ground	E0773-14A	F1193-13A	G2114-13	J0429-16A	K0942-19	K0942-20
Sample Date	Water	6/8/06	8/22/07	11/12/08	3/10/10	5/25/11	5/25/11
Filtered/Unfiltered	Criteria	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Filtered
		conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	330	133 B	ND	114 BE	106 B	ND
Antimony	3	ND	ND	ND	ND	ND	ND
Arsenic	25	ND	ND	ND	ND	ND	ND
Barium	1,000	54.3 B	29.0 B	33.4 B	21.5 B	14.4 B	12.6 B
Beryllium	3	ND	ND	ND	ND	ND	ND
Cadmium	5	15	9.8	2.3 B	4.2 B	2.2 B	ND
Calcium	NC	10,700	9,840	11,700	8,880	10,900	10,900
Chromium	50	27.8	27.2	22.3	17.8 B	11.7 B	10.7 B
Cobalt	NC	3.9 B	1.9 BE	ND	ND	ND	ND
Copper	200	19.3 B	13.8 B	ND	ND	6.5 B	ND
Iron	300	614	404	106 B	286 N	469	ND
Lead	25	ND	7.7 B	3.1 B	ND	ND	ND
Magnesium	35,000	1,710	1,600	1,910	1,350	1,560	1,530
Manganese	300	621	426	153	243	148	ND
Mercury	0.7	ND	ND	ND	ND	ND	ND
Nickel	100	9.8 B	4.2 B	ND	1.3 B	1.5 B	ND
Potassium	NC	2,410	1,820	2,100	1,570	1,910 E	1,680 E
Selenium	10	ND	6.2 B	ND	ND	ND	ND
Silver	50	ND	2.3 B	ND	ND	ND	ND
Sodium	20,000	7,880	6,710	9,280	8,060	6,720	6,880
Thallium	0.5	ND	ND	ND	ND	ND	ND
Vanadium	NC	1.3 B	0.96 B	ND	0.54 B	ND	ND
Zinc	2,000	45.9 B	33.2 B	24.3 B	24.3 B	32.7 B	32.5 B

Notes: All values in µg/L
BOLD/Italics - exceeds criterion
B - Estimated value (greater than MDL but less than RL)
N - Matrix spike recovery falls outside of the control limit
NC - No Criteria
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ND - Not Detected
Groundwater Contaminants of Concern

	Upgradient Wells
	Source Area Wells
	Downgradient Wells
	Willetts Creek Wells

TABLE 3
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH MARCH 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-13B	MW-13B	MW-13B	MW-13B	MW-13B	MW-13B
Sample ID	Class GA	DMW-13B	DMW-13BF	DMW-13B	DMW-13BF	DMW-13B	DMW-13BF
Laboratory ID	Ground	L1807-27	L1808-23	AC75646-023	AC75646-024	AC83807-013	AC83807-014
Sample Date	Water	8/22/12	8/22/12	11/7/13	11/7/13	3/17/15	3/17/15
Filtered/Unfiltered	Criteria	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
		conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	ND	ND	1,800	ND	1,000	ND
Antimony	3	ND	ND	2.9	ND	ND	ND
Arsenic	25	ND	ND	ND	ND	ND	ND
Barium	1,000	23.1 B	22.4 B	ND	ND	ND	ND
Beryllium	3	ND	ND	ND	ND	ND	ND
Cadmium	5	1.5 B	1.1 B	10.0	2.3	4.0	ND
Calcium	NC	11,300 E	10,600	29,000	12,000	12,000	13,000
Chromium	50	21.2	21.4	ND	ND	ND	ND
Cobalt	NC	ND	ND	3.1	ND	3.0	ND
Copper	200	ND	ND	57.0	ND	ND	ND
Iron	300	ND	ND	4,900	ND	2100	ND
Lead	25	ND	ND	13.0	ND	6.3	ND
Magnesium	35,000	1,630	1,550	9,000	ND	ND	ND
Manganese	300	54.3	19.7 B	240	57.0	780	ND
Mercury	0.7	ND	ND	ND	ND	ND	ND
Nickel	100	ND	ND	ND	ND	ND	ND
Potassium	NC	1,340	1,360	9,400	ND	ND	ND
Selenium	10	ND	ND	ND	ND	ND	ND
Silver	50	ND	ND	ND	ND	ND	ND
Sodium	20,000	9,260 E	8,950	22,000	13,000	12,000	13,000
Thallium	0.5	ND	ND	ND	ND	ND	ND
Vanadium	NC	ND	ND	ND	ND	ND	ND
Zinc	2,000	ND	ND	350	ND	ND	ND

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Groundwater Contaminants of Concern

	Upgradient Wells
	Source Area Wells
	Downgradient Wells
	Willetts Creek Wells

TABLE 3
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH MARCH 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-15A	MW-15A	MW-15A	MW-15A	MW-15A	MW-15A
Sample ID	Class GA	MW-15A	DMW-15A	DMW-15A	DMW-15A	DMW-15A	DMW-15A
Laboratory ID	Ground	E0773-03A	F1193-15A	G2114-08	J0429-17A	K0942-21	K0942-22
Sample Date	Water	6/7/06	8/22/07	11/12/08	3/9/10	5/25/11	5/25/11
Filtered/Unfiltered	Criteria	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Filtered
		conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	773	ND	ND	335 E	ND	ND
Antimony	3	ND	ND	ND	ND	ND	ND
Arsenic	25	ND	ND	ND	ND	ND	ND
Barium	1,000	53.7 B	15.5 B	20.1 B	30.8 B	23.1 B	16.4 B
Beryllium	3	ND	ND	ND	0.074 B	ND	ND
Cadmium	5	28.8	29.1	33.9	62.3	63.0	12.2
Calcium	NC	18,900	13,700	12,100	14,800	16,300	16,600
Chromium	50	3.0 B	0.45 B	ND	4.6 B	1.3 B	ND
Cobalt	NC	3.2 B	1.3 BE	ND	0.9 B	ND	ND
Copper	200	38.0	4.8 B	ND	8.4 B	9.8 B	ND
Iron	300	2,320	158 B	ND	1,000 N	164 B	ND
Lead	25	9.9 B	1.7 B	ND	5.2 B	ND	ND
Magnesium	35,000	3,170	2,240	1,890	2,780	2,410	2,380
Manganese	300	370	929	895	2,850	1,510	55.7
Mercury	0.7	ND	ND	ND	ND	ND	ND
Nickel	100	7.1 B	0.85 B	ND	3.6 B	1.7 B	ND
Potassium	NC	2,090	1,960	1,610	2,140	2,290 E	2,290 E
Selenium	10	ND	ND	ND	ND	ND	ND
Silver	50	ND	3.4 B	ND	ND	ND	ND
Sodium	20,000	18,000	13,300	9,040	17,100	19,500	19,800
Thallium	0.5	1.9 B	ND	ND	7.3 B	ND	ND
Vanadium	NC	2.6 B	ND	ND	0.69 B	ND	ND
Zinc	2,000	155	18.8 B	24.3 B	33.5 B	31.7 B	25.9 B

Notes: All values in µg/L
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Groundwater Contaminants of Concern

	Upgradient Wells
	Source Area Wells
	Downgradient Wells
	Willetts Creek Wells

TABLE 3
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH MARCH 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-15A	MW-15A	MW-15A	MW-15A	MW-15A	MW-15A
Sample ID	Class GA	DMW-15A	DMW-15AF	DMW-15A	DMW-15AF	DMW-15A	DMW-15AF
Laboratory ID	Ground	L1807-25	L1808-21	AC75646-009	AC75646-010	AC83807-001	AC83807-002
Sample Date	Water	8/22/12	8/22/12	11/6/13	11/6/13	3/17/15	3/17/15
Filtered/Unfiltered	Criteria	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
		conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	ND	ND	810	ND	820	ND
Antimony	3	ND	ND	ND	ND	ND	ND
Arsenic	25	ND	ND	ND	ND	ND	ND
Barium	1,000	15.9 B	15.0 B	ND	ND	ND	ND
Beryllium	3	ND	ND	ND	ND	ND	ND
Cadmium	5	16.8	9.7	73.0	8.9	17.0	8.2
Calcium	NC	13,500 E	13,400	14,000	14,000	12,000	14,000
Chromium	50	ND	1.2 B	ND	ND	ND	ND
Cobalt	NC	ND	ND	ND	ND	ND	ND
Copper	200	ND	ND	ND	ND	ND	ND
Iron	300	ND	ND	1,200	ND	1,100	ND
Lead	25	ND	ND	7.9	ND	6.3	ND
Magnesium	35,000	2,460	2,440	ND	ND	ND	ND
Manganese	300	238	41.1 B	2,100	59.0	150	ND
Mercury	0.7	ND	ND	ND	ND	ND	ND
Nickel	100	ND	1.1 B	ND	ND	ND	ND
Potassium	NC	2,110	2,230	ND	ND	ND	ND
Selenium	10	ND	ND	ND	ND	ND	ND
Silver	50	ND	ND	ND	ND	ND	ND
Sodium	20,000	20,400 E	20,400	21,000	21,000	20,000	23,000
Thallium	0.5	ND	ND	ND	ND	ND	ND
Vanadium	NC	ND	ND	ND	ND	ND	ND
Zinc	2,000	ND	ND	ND	ND	ND	ND

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Groundwater Contaminants of Concern

	Upgradient Wells
	Source Area Wells
	Downgradient Wells
	Willetts Creek Wells

TABLE 3
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH MARCH 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-15B	MW-15B	MW-15B	MW-15B	MW-15B	MW-15B
Sample ID	Class GA	MW-15B	DMW-15B	DMW-15B	DMW-15B	DMW-15B	DMW-15B
Laboratory ID	Ground	E0773-04A	F1193-10A	G2114-07	Inaccessible	K0942-23	K0942-24
Sample Date	Water	6/7/06	8/22/07	11/12/08	3/10/10	5/25/11	5/25/11
Filtered/Unfiltered	Criteria	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Filtered
		conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	224	58.6 B	ND	NA	ND	ND
Antimony	3	ND	ND	ND	NA	ND	ND
Arsenic	25	1.7 B	ND	ND	NA	5.5 B	4.8 B
Barium	1,000	83.6 B	40.6 B	45.0 B	NA	34.6 B	34.4 B
Beryllium	3	ND	ND	0.19 B	NA	ND	ND
Cadmium	5	3.6 B	0.54 B	0.29 B	NA	ND	ND
Calcium	NC	16,400	13,700	13,700	NA	12,000	11,900
Chromium	50	2.1 B	0.56 B	ND	NA	ND	ND
Cobalt	NC	5.5 B	2.7 BE	1.9 B	NA	1.4 B	1.2 B
Copper	200	20.4 B	2.5 B	ND	NA	ND	ND
Iron	300	4,780	1,320	875	NA	1,410	1,130
Lead	25	3.3 B	ND	3.6 B	NA	ND	ND
Magnesium	35,000	5,930	5,290	5,240	NA	4,860	4,920
Manganese	300	239	228	267	NA	182	182
Mercury	0.7	ND	ND	ND	NA	ND	ND
Nickel	100	11.5 B	1.4 B	2.2 B	NA	1.9 B	2.0 B
Potassium	NC	2,450	1,500	1,980	NA	1,890 E	1,860 E
Selenium	10	ND	ND	ND	NA	ND	ND
Silver	50	ND	2.5 B	1.0 B	NA	ND	ND
Sodium	20,000	46,600	45,200	43,900	NA	40,600	40,600
Thallium	0.5	3.0 B	ND	ND	NA	ND	ND
Vanadium	NC	0.72 B	ND	ND	NA	ND	ND
Zinc	2,000	129	16.8 B	38.9 B	NA	37.3 B	33.7 B

Notes: All values in µg/L
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Groundwater Contaminants of Concern

	Upgradient Wells
	Source Area Wells
	Downgradient Wells
	Willetts Creek Wells

TABLE 3
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH MARCH 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-15B	MW-15B	MW-15B	MW-15B	MW-15B	MW-15B
Sample ID	Class GA	DMW-15B	DMW-15BF	DMW-15B	DMW-15BF	DMW-15B	DMW-15BF
Laboratory ID	Ground	L1807-24	L1808-20	AC75646-001	AC75646-002	AC83807-003	AC83807-004
Sample Date	Water	8/22/12	8/22/12	11/6/13	11/6/13	3/17/15	3/17/15
Filtered/Unfiltered	Criteria	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
		conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	ND	ND	ND	ND	ND	ND
Antimony	3	ND	ND	ND	ND	ND	ND
Arsenic	25	ND	4.3 B	ND	ND	ND	ND
Barium	1,000	32.4 B	29.4 B	ND	ND	ND	ND
Beryllium	3	ND	ND	ND	ND	ND	ND
Cadmium	5	ND	ND	ND	ND	ND	ND
Calcium	NC	12,200 E	11,500	12,000	12,000	9,900	11,000
Chromium	50	ND	ND	ND	ND	ND	ND
Cobalt	NC	1.5 B	1.4 B	ND	ND	ND	ND
Copper	200	ND	18.1 B	ND	ND	ND	ND
Iron	300	1,510 E	48.4 B	3,300	ND	1,500	ND
Lead	25	ND	ND	ND	ND	11	ND
Magnesium	35,000	4,700	4,490	ND	ND	ND	ND
Manganese	300	189	174	170	140	94	ND
Mercury	0.7	ND	ND	ND	ND	ND	ND
Nickel	100	1.5 B	2.7 B	ND	ND	ND	ND
Potassium	NC	1,470	1,510	ND	ND	ND	ND
Selenium	10	ND	ND	ND	ND	ND	ND
Silver	50	ND	ND	ND	ND	ND	ND
Sodium	20,000	40,800 E	39,100	40,000	40,000	32,000	36,000
Thallium	0.5	ND	ND	ND	ND	ND	ND
Vanadium	NC	ND	ND	ND	ND	ND	ND
Zinc	2,000	12.1 B	23.7 B	ND	ND	ND	ND

Notes: All values in µg/L
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Groundwater Contaminants of Concern

	Upgradient Wells
	Source Area Wells
	Downgradient Wells
	Willetts Creek Wells

TABLE 3
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH MARCH 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-18	MW-18	MW-18	MW-18	MW-18	MW-18
Sample ID	Class GA	MW-18	DMW-18	DMW-18	DMW-18	DMW-18	DMW-18
Laboratory ID	Ground	E0773-06A	F1193-16A	G2114-06	J0429-18A	K0942-25	K0942-26
Sample Date	Water	6/8/06	8/23/07	11/11/08	3/9/10	5/25/11	5/25/11
Filtered/Unfiltered	Criteria	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Filtered
		conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	1,430	829	88.1 B	2,270	3,280	ND
Antimony	3	ND	ND	5.1 B	12.2 B	ND	ND
Arsenic	25	ND	ND U	ND	5.9 B	7.0 B	ND
Barium	1,000	168 B	71.3 B	166 B	283	109 B	13.4 B
Beryllium	3	ND	ND	ND	0.31 B	0.29 B	ND
Cadmium	5	3.0 B	1.2 B	9.8	18.1	1.3 B	ND
Calcium	NC	13,900	9,790	12,600	27,000	19,000	18,400
Chromium	50	2.2 B	0.63 B	ND	5 B	3.9 B	ND
Cobalt	NC	7.3 B	5.5 BE	2.0 B	11.6 B	9.2 B	ND
Copper	200	17.7 B	3.5 B	11.1 B	112	12.2 B	ND
Iron	300	1,150	1,320	114 B	4,620	2,890	ND
Lead	25	ND	1.9 B	ND	19.0	ND	ND
Magnesium	35,000	2,340	1,550	2,440	4,130	3,300	3,070
Manganese	300	6,270	4,490	2,870	10,100 *	3,450	ND
Mercury	0.7	ND	ND	ND	ND	ND	ND
Nickel	100	17.5 B	13.0 B	29.3 B	48.0 BE	15.7 B	ND
Potassium	NC	1,520	1,180	1,540	4,120 E	2,050 E	1,860 E
Selenium	10	ND	ND	ND	16.4 B	ND	ND
Silver	50	ND	1.5 B	ND	ND	ND	ND
Sodium	20,000	7,870	6,020	12,100	10,600	16,800	17,300
Thallium	0.5	26.5	ND	ND	64.5	ND	ND
Vanadium	NC	2.6 B	1.4 B	ND	5.0 B	3.9 B	ND
Zinc	2,000	235	89.0	265	366	192	22.2 B

Notes: All values in µg/L
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Groundwater Contaminants of Concern

	Upgradient Wells
	Source Area Wells
	Downgradient Wells
	Willetts Creek Wells

TABLE 3
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH MARCH 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-18	MW-18	MW-18	MW-18	MW-18	MW-18
Sample ID	Class GA	DMW-18	DMW-18F	DMW-18	DMW-18F	DMW-18	DMW-18F
Laboratory ID	Ground	L1807-18	L1808-28	AC75646-015	AC75646-016	AC83807-019	AC83807-020
Sample Date	Water	8/23/12	8/23/12	11/6/13	11/6/13	3/17/15	3/17/15
Filtered/Unfiltered	Criteria	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
		conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	ND	ND	ND	ND	440	ND
Antimony	3	ND	ND	ND	ND	ND	ND
Arsenic	25	ND	ND	ND	ND	ND	ND
Barium	1,000	19.7 B	17.0 B	ND	ND	ND	ND
Beryllium	3	ND	ND	ND	ND	ND	ND
Cadmium	5	ND	ND	ND	ND	ND	ND
Calcium	NC	14,000	14,300	22,000	21,000	18,000	19,000
Chromium	50	0.75 B	ND	ND	ND	ND	ND
Cobalt	NC	ND	ND	ND	ND	ND	ND
Copper	200	ND	ND	ND	ND	ND	ND
Iron	300	35.3 B	ND	ND	ND	520	ND
Lead	25	ND	ND	ND	ND	ND	ND
Magnesium	35,000	2,360	2,410	ND	ND	ND	ND
Manganese	300	113	23.4 B	450	ND	720	ND
Mercury	0.7	ND	ND	ND	ND	ND	ND
Nickel	100	ND	ND	ND	ND	ND	ND
Potassium	NC	2,310 E	2,410	ND	ND	ND	ND
Selenium	10	ND	ND	ND	ND	ND	ND
Silver	50	ND	ND	ND	ND	ND	ND
Sodium	20,000	17,900	18,700	26,000	25,000	37,000	39,000
Thallium	0.5	ND	ND	ND	ND	ND	ND
Vanadium	NC	ND	ND	ND	ND	ND	ND
Zinc	2,000	ND	ND	ND	ND	ND	ND

Notes: All values in µg/L
BOLD/Italics - exceeds criterion
B - Estimated value (greater than MDL but less than RL)
N - Matrix spike recovery falls outside of the control limit
NC - No Criteria
NA - Not analyzed
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* - Replicate RPDs were not within QC limits
ND - Not Detected
Groundwater Contaminants of Concern

	Upgradient Wells
	Source Area Wells
	Downgradient Wells
	Willetts Creek Wells

TABLE 3
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH MARCH 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-22A	MW-22A	MW-22A	MW-22A	MW-22A	MW-22A
Sample ID	Class GA	MW-22A	DMW-22A	DMW-22A	DMW-22A	DMW-22A	DMW-22A
Laboratory ID	Ground	E0773-11A	F1193-09A	G2114-09	J0429-19A	K0942-11	K0942-12
Sample Date	Water	6/7/06	8/22/07	11/12/08	3/9/10	5/25/11	5/25/11
Filtered/Unfiltered	Criteria	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Filtered
		conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	4,320	2,870	2,620	1,060	159 B	ND
Antimony	3	1.7 B	5.2 B	ND	13.0 B	ND	ND
Arsenic	25	16.0 B	3.8 B	7.2 B	15.4 B	7.5 B	4.5 B
Barium	1,000	167 B	76.9 B	69.6 B	109 B	106 B	111 B
Beryllium	3	0.15 B	ND	0.21 B	0.19 B	ND	ND
Cadmium	5	38.9	22.1	13.5	13.7	6.8	ND
Calcium	NC	52,100	37,500	55,700	104,000	114,000	96,400
Chromium	50	18.0 B	12.8 B	13.0 B	8.8 B	2.8 B	0.76 B
Cobalt	NC	2.2 B	5.2 BE	ND	1.4 B	ND	ND
Copper	200	32.3	24.0 B	19.3 B	21.5 B	7.9 B	ND
Iron	300	70,400	22,400	22,000	61,100	16,700	2,260
Lead	25	8.6 B	13.1	11.3	12.4	ND	ND
Magnesium	35,000	8,300	5,580	7,860	13,800	15,600	13,100
Manganese	300	1,280	1,190	1,030	912 *	683	780
Mercury	0.7	ND	ND	ND	0.094 B	ND	ND
Nickel	100	6.0 B	3.7 B	2.6 B	4.7 BE	2.4 B	1.4 B
Potassium	NC	4,560	3,530	3,980	3,430 E	4,520 E	5,120 E
Selenium	10	8.7 B	ND	ND	24.3 B	ND	ND
Silver	50	ND	ND	ND	ND	ND	ND
Sodium	20,000	95,200	69,400	39,900	57,800	100,000	134,000
Thallium	0.5	ND	2.8 B	ND	ND	ND	ND
Vanadium	NC	17.4 B	9.2 B	7.0 B	6.3 B	3.1 B	ND
Zinc	2,000	1,650	1,170	714	1,360	1,000	546

Notes: All values in µg/L
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Groundwater Contaminants of Concern

	Upgradient Wells
	Source Area Wells
	Downgradient Wells
	Willetts Creek Wells

TABLE 3
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH MARCH 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-22A	MW-22A	MW-22A	MW-22A	MW-22A	MW-22A
Sample ID	Class GA	DMW-22A	DMW-22AF	DMW-22A	DMW-22AF	DMW-22A	DMW-22AF
Laboratory ID	Ground	L1807-17	L1808-27	AC75646-019	AC75646-020	AC83807-009	AC83807-010
Sample Date	Water	8/23/12	8/23/12	11/7/13	11/7/13	3/17/15	3/17/15
Filtered/Unfiltered	Criteria	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
		conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	ND	ND	ND	ND	ND	ND
Antimony	3	ND	ND	ND	ND	ND	ND
Arsenic	25	ND	ND	ND	ND	ND	ND
Barium	1,000	36.1 B	37.8 B	ND	ND	ND	ND
Beryllium	3	ND	ND	ND	ND	ND	ND
Cadmium	5	ND	ND	ND	ND	ND	ND
Calcium	NC	27,600	28,200	33,000	30,000	45,000	51,000
Chromium	50	2.2 B	1.7 B	ND	ND	ND	ND
Cobalt	NC	ND	ND	ND	ND	ND	ND
Copper	200	ND	ND	ND	ND	ND	ND
Iron	300	2,700	2,690	2,800	2,100	2,100	640
Lead	25	ND	ND	ND	ND	ND	ND
Magnesium	35,000	4,060	4,210	ND	ND	7,200	8,200
Manganese	300	437	443	440	380	220	260
Mercury	0.7	ND	ND	ND	ND	ND	ND
Nickel	100	ND	ND	ND	ND	ND	ND
Potassium	NC	2,980 E	3,040	ND	ND	ND	ND
Selenium	10	ND	ND	ND	ND	ND	ND
Silver	50	ND	ND	ND	ND	ND	ND
Sodium	20,000	59,700	61,000	43,000	41,000	28,000	34,000
Thallium	0.5	ND	ND	ND	ND	ND	ND
Vanadium	NC	ND	ND	ND	ND	ND	ND
Zinc	2,000	16.9 B	16.1 B	ND	ND	280	290

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Groundwater Contaminants of Concern

	Upgradient Wells
	Source Area Wells
	Downgradient Wells
	Willetts Creek Wells

TABLE 3
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH MARCH 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-22B	MW-22B	MW-22B	MW-22B	MW-22B	MW-22B
Sample ID	Class GA	MW-22B	DMW-22B	DMW-22B	DMW-22B	DMW-22B	DMW-22B
Laboratory ID	Ground	E0773-12A	F1193-08A	G2114-11	J0429-20A	k0942-13	k0942-13
Sample Date	Water	6/7/06	8/22/07	11/12/08	3/9/10	5/25/11	5/25/11
Filtered/Unfiltered	Criteria	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Filtered
		conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	763 B	151 B	ND	56.3 B	ND	ND
Antimony	3	ND	4.7 B	ND	8.7 B	ND	ND
Arsenic	25	ND	ND	ND	ND	ND	ND
Barium	1,000	76.6 B	48.2 B	41.3 B	57.6 B	43.3 B	35.6 B
Beryllium	3	ND	ND	ND	0.039 B	ND	ND
Cadmium	5	29.0 B	4.4 B	1.2 B	1.7 B	ND	ND
Calcium	NC	12,800	20,400	27,200	21,400	19,500	19,700
Chromium	50	7.9 B	1.5 B	ND	1.6 B	0.66 B	ND
Cobalt	NC	17.4 B	3.9 BE	1.5 B	1.0 B	ND	ND
Copper	200	118 B	4.0 B	ND	ND	ND	ND
Iron	300	4,600	1,120	518	358	164 B	ND
Lead	25	8.6 B	3 B	2.4 B	3.3 B	ND	ND
Magnesium	35,000	2,660 B	3,130	5,090	3,510	3,230	3,300
Manganese	300	2,310	2,440	775	940 *	589	342
Mercury	0.7	ND	ND	ND	ND	ND	ND
Nickel	100	28.0 B	2.7 B	6.5 B	2.0 BE	0.85 B	ND
Potassium	NC	3,000 B	2,500	1,910	4,220 E	4,740 E	4,260 E
Selenium	10	ND	ND	ND	19.0 B	ND	ND
Silver	50	ND	4.2 B	ND	ND	ND	ND
Sodium	20,000	8,170 B	17,100	11,300	14,400	12,700	13,600
Thallium	0.5	20.1 B	3.5 B	ND	ND	ND	ND
Vanadium	NC	ND	0.49 B	ND	ND	ND	ND
Zinc	2,000	194 B	39.4 B	29.8 B	34.6 B	20.1 B	17.6 B

Notes: All values in µg/L
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Groundwater Contaminants of Concern

	Upgradient Wells
	Source Area Wells
	Downgradient Wells
	Willetts Creek Wells

TABLE 3
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH MARCH 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-22B	MW-22B	MW-22B	MW-22B	MW-22B	MW-22B
Sample ID	Class GA	DMW-22B	DMW-22BF	DMW-22B	DMW-22BF	DMW-22B	DMW-22BF
Laboratory ID	Ground	L1807-16	L1808-26	AC75646-029	AC75646-030	AC83807-007	AC83807-008
Sample Date	Water	8/23/12	8/23/12	11/7/13	11/7/13	3/17/15	3/17/15
Filtered/Unfiltered	Criteria	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
		conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	ND	ND	ND	ND	ND	ND
Antimony	3	ND	ND	ND	ND	ND	ND
Arsenic	25	ND	ND	ND	ND	ND	ND
Barium	1,000	39.6 B	40.5 B	ND	ND	ND	ND
Beryllium	3	ND	ND	ND	ND	ND	ND
Cadmium	5	ND	ND	ND	ND	ND	ND
Calcium	NC	22,400	22,500	26,000	27,000	27,000	31,000
Chromium	50	ND	ND	ND	ND	ND	ND
Cobalt	NC	ND	ND	ND	ND	ND	ND
Copper	200	ND	ND	ND	ND	ND	ND
Iron	300	110 B	ND	ND	ND	ND	ND
Lead	25	ND	ND	ND	ND	ND	ND
Magnesium	35,000	3,860	3,950	ND	ND	5,100	5,900
Manganese	300	748	726	610	600	550	590
Mercury	0.7	ND	ND	ND	ND	ND	ND
Nickel	100	ND	ND	ND	ND	ND	ND
Potassium	NC	4,470 E	4,270	ND	ND	ND	ND
Selenium	10	ND	ND	ND	ND	ND	ND
Silver	50	ND	ND	ND	ND	ND	ND
Sodium	20,000	19,200	19,000	13,000	13,000	15,000	17,000
Thallium	0.5	ND	ND	ND	ND	ND	ND
Vanadium	NC	ND	ND	ND	ND	ND	ND
Zinc	2,000	5.7 B	ND	ND	ND	ND	ND

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Groundwater Contaminants of Concern

	Upgradient Wells
	Source Area Wells
	Downgradient Wells
	Willetts Creek Wells

TABLE 3
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH MARCH 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-23A	MW-23A	MW-23A	MW-23A	MW-23A	MW-23A
Sample ID	Class GA	MW-23A	DMW-23A	DMW-23A	DMW-23A	DMW-23A	DMW-23A
Laboratory ID	Ground	E0773-01A	F1193-12A	G2114-14	J0429-21A	K0942-15	K0942-16
Sample Date	Water	6/7/06	8/22/07	11/12/08	3/10/10	5/25/11	5/25/11
Filtered/Unfiltered	Criteria	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Filtered
		conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	941	2,440	3,200	3,790	5,060	ND
Antimony	3	1.8 B	5.8 B	ND	9.5 B	ND	ND
Arsenic	25	2.0 B	4.1 B	5.8 B	7.9 B	7.4 B	ND
Barium	1,000	87.5 B	51.2 B	40.1 B	47.8 B	47.4 B	34.6 B
Beryllium	3	ND	ND	0.29 B	0.23 B	ND	ND
Cadmium	5	110	702	1,080	704	924	9.5
Calcium	NC	34,200	40,900	31,000	38,600	29,300	27,800
Chromium	50	3.6 B	4.9 B	3.6 B	6.4 B	6.4 B	0.97 B
Cobalt	NC	3.2 B	6.1 BE	ND	0.76 B	ND	ND
Copper	200	33.2	35.9	47.6	137	190	ND
Iron	300	10,300	29,700	13,100	11,500	15,200	2,030
Lead	25	ND	6.6 B	9.5 B	11.2	5.6 B	ND
Magnesium	35,000	6,660	6,280	9,020	8,010	5,160	5,100
Manganese	300	1,100	612	1,390	1,410 *	1,600	1,480
Mercury	0.7	0.065 B	ND	ND	0.12 B	0.035 B	ND
Nickel	100	9.3 B	7.1 B	2.2 B	6.3 BE	3.7 B	1.2 B
Potassium	NC	7,070	5,200	6,780	6,930 E	6,270 E	6,420 E
Selenium	10	1.3 B	6.1 B	ND	13.5 B	ND	ND
Silver	50	0.92 B	ND	ND	ND	ND	ND
Sodium	20,000	60,200	32,400	37,800	64,600	67,900	70,800
Thallium	0.5	9.3 B	ND	ND	11.3 B	ND	ND
Vanadium	NC	5.5 B	12.6 B	20.5 B	11.4 B	16.4 B	ND
Zinc	2,000	181	26.9 B	42.7 B	48.3 B	70.5	15.6 B

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Groundwater Contaminants of Concern

	Upgradient Wells
	Source Area Wells
	Downgradient Wells
	Willetts Creek Wells

TABLE 3
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH MARCH 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-23A	MW-23A	MW-23A	MW-23A	MW-23A	MW-23A
Sample ID	Class GA	DMW-23A	DMW-23AF	DMW-23A	DMW-23AF	DMW-23A	DMW-23AF
Laboratory ID	Ground	L1807-28	L1808-24	AC75646-027	AC75646-028	AC83807-015	AC83807-016
Sample Date	Water	8/22/12	8/22/12	11/7/13	11/7/13	3/17/15	3/17/15
Filtered/Unfiltered	Criteria	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
		conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	161 B	ND	ND	ND	ND	ND
Antimony	3	ND	ND	ND	ND	ND	ND
Arsenic	25	ND	ND	ND	ND	ND	ND
Barium	1,000	28.0 B	27.3 B	ND	ND	ND	ND
Beryllium	3	ND	ND	ND	ND	ND	ND
Cadmium	5	31.7	3.3 B	24.0	13.0	10.0	ND
Calcium	NC	26,700 E	26,400	20,000	20,000	41,000	40,000
Chromium	50	1.2 B	4.0 B	ND	ND	ND	ND
Cobalt	NC	ND	ND	ND	ND	ND	ND
Copper	200	6.7 B	ND	ND	ND	ND	ND
Iron	300	1,860 E	602	900	650	8,000	6,400
Lead	25	ND	ND	ND	ND	ND	ND
Magnesium	35,000	4,950	4,750	ND	ND	8,600	8,400
Manganese	300	1,110	1,170	980	1,000	780	820
Mercury	0.7	ND	ND	ND	ND	ND	ND
Nickel	100	ND	2.0 B	ND	ND	ND	ND
Potassium	NC	5,770	5,790	ND	ND	6,400	6,800
Selenium	10	ND	ND	ND	ND	ND	ND
Silver	50	ND	ND	ND	ND	ND	ND
Sodium	20,000	74,100 E	73,400	27,000	29,000	91,000	95,000
Thallium	0.5	ND	ND	ND	ND	ND	ND
Vanadium	NC	1.1 B	ND	ND	ND	ND	ND
Zinc	2,000	ND	5.9 B	ND	ND	ND	ND

Notes: All values in µg/L
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 Groundwater Contaminants of Concern

	Upgradient Wells
	Source Area Wells
	Downgradient Wells
	Willetts Creek Wells

TABLE 3
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH MARCH 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-23B	MW-23B	MW-23B	MW-23B	MW-23B	MW-23B
Sample ID	Class GA	MW-23B	DMW-23B	DMW-23B	DMW-23B	DMW-23B	DMW-23B
Laboratory ID	Ground	E0773-02A	F1193-11A	G2114-15	J0429-22A	K0942-27	K0942-28
Sample Date	Water	6/7/06	8/22/07	11/12/08	3/10/10	5/25/11	5/25/11
Filtered/Unfiltered	Criteria	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Unfiltered	Filtered
		conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	2,450	632	406	2,820	1,810	ND
Antimony	3	3.2 B	ND	ND	6.2 B	ND	ND
Arsenic	25	4.1 B	ND	ND	6.7 B	ND	ND
Barium	1,000	215	86.4 B	64.6 B	77.4 B	64.8 B	150 B
Beryllium	3	0.21 B	ND	0.13 B	0.3 B	ND	ND
Cadmium	5	320	60.0	42.2	43.8	40.1	5.8
Calcium	NC	21,500	25,100	15,700	24,400	24,800	21,700
Chromium	50	74.9	13.9 B	4.3 B	61.6	12.6 B	8.5 B
Cobalt	NC	4.8 B	2.4 BE	ND	3.5 B	1.7 B	0.91 B
Copper	200	94.6	19.8 B	24.6 B	54.8	25.6 B	13.9 B
Iron	300	8,220	2,140	1,270	7,870	5,200	36,100
Lead	25	35.7	10.3	17.7	43.9	22.6	ND
Magnesium	35,000	1,890	1,290	1,590	2,730	4,150	2,460
Manganese	300	548	508	52.1	398 *	126	169
Mercury	0.7	0.11 B	ND	ND	0.11 B	ND	ND
Nickel	100	68.8	16.7 B	20.5 B	23.2 BE	14.8 B	10 B
Potassium	NC	2,400	1,970	1,660	1,650 E	2,450 E	2,110 E
Selenium	10	ND	8.6 B	ND	19.3 B	ND	ND
Silver	50	ND	5.0 B	0.81 B	ND	ND	ND
Sodium	20,000	2,390	3,870	2,200	84,400	18,900	18,500
Thallium	0.5	3.1 B	ND	ND	6.1 B	ND	ND
Vanadium	NC	17.7 B	9.0 B	5.9 B	12.1 B	12.9 B	ND
Zinc	2,000	417	145	198	376	410	47 B

Notes: All values in µg/L
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Groundwater Contaminants of Concern

	Upgradient Wells
	Source Area Wells
	Downgradient Wells
	Willetts Creek Wells

TABLE 3
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH MARCH 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN GROUNDWATER

Sample Location	NYSDEC	MW-23B	MW-23B	MW-23B	MW-23B	MW-23B	MW-23B
Sample ID	Class GA	DMW-23B	DMW-23BF	DMW-23B	DMW-23BF	DMW-23B	DMW-23BF
Laboratory ID	Ground	L1807-26	L1808-22	AC75646-025	AC75646-026	AC83807-017	AC83807-018
Sample Date	Water	8/22/12	8/22/12	11/7/13	11/7/13	3/17/15	3/17/15
Filtered/Unfiltered	Criteria	Unfiltered	Filtered	Unfiltered	Filtered	Unfiltered	Filtered
		conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	103 B	ND	1,100	ND	730	ND
Antimony	3	ND	ND	ND	ND	ND	ND
Arsenic	25	ND	ND	ND	ND	ND	ND
Barium	1,000	29.0 B	26.8 B	ND	ND	ND	ND
Beryllium	3	ND	ND	ND	ND	ND	ND
Cadmium	5	69.6	33.1	45.0	35.0	27.0	31.0
Calcium	NC	18,100 E	17,700	11,000	12,000	8,900	9,900
Chromium	50	10.7 B	7.8 B	59.0	ND	ND	ND
Cobalt	NC	ND	ND	ND	ND	ND	ND
Copper	200	4.1 B	ND	ND	ND	ND	ND
Iron	300	279 E	117 B	2,400	ND	1,600	ND
Lead	25	ND	ND	8.3	ND	5.6	ND
Magnesium	35,000	2,950	2,910	ND	ND	ND	ND
Manganese	300	138	135	52.0	ND	ND	ND
Mercury	0.7	ND	ND	ND	ND	ND	ND
Nickel	100	2.4 B	1.3 B	ND	ND	ND	ND
Potassium	NC	1,760	1,820	ND	ND	ND	ND
Selenium	10	ND	ND	ND	ND	ND	ND
Silver	50	ND	ND	ND	ND	ND	ND
Sodium	20,000	15,000 E	14,700	11,000	11,000	25,000	27,000
Thallium	0.5	ND	ND	ND	ND	ND	ND
Vanadium	NC	ND	ND	ND	ND	ND	ND
Zinc	2,000	17.7 B	ND	95.0	ND	61.0	ND

Notes: All values in µg/L
BOLD/Italics - exceeds criterion
B - Estimated value (greater than MDL but less than RL)
N - Matrix spike recovery falls outside of the control limit
NC - No Criteria
NA - Not analyzed
E - Estimated due to matrix interference
* - Replicate RPDs were not within QC limits
ND - Not Detected
Groundwater Contaminants of Concern

	Upgradient Wells
	Source Area Wells
	Downgradient Wells
	Willetts Creek Wells

TABLE 4
DZUS FASTENERS SITE (1-52-033)
MARCH 2015 SAMPLING EVENT

TOTAL VERSUS DISSOLVED METALS CONCENTRATIONS IN GROUNDWATER

Sample Location	NYSDEC	MW-17	MW-17	MW-17	MW-2	MW-2	MW-2	MW-3	MW-3	MW-3
Sample ID	Class GA	DMW-17	DMW-17F		DMW-2	DMW-2F		DMW-3	DMW-3F	
Laboratory ID	Ground	AC83807-021	AC83807-022		AC83807-027	AC83807-028		AC83807-031	AC83807-032	
Sample Date	Water	3/17/15	3/17/15		3/18/15	3/18/15		3/18/15	3/18/15	
Filtered/Unfiltered	Criteria	Unfiltered	Filtered	Percent	Unfiltered	Filtered	Percent	Unfiltered	Filtered	Percent
Metal		conc. Q	conc. Q	Dissolved	conc. Q	conc. Q	Dissolved	conc. Q	conc. Q	Dissolved
Aluminum	NC	ND	ND	NC	7,200	ND	NC	490	ND	NC
Antimony	3	ND	ND	NC	ND	ND	NC	ND	ND	NC
Arsenic	25	ND	ND	NC	21	ND	NC	ND	ND	NC
Barium	1,000	ND	ND	NC	65	ND	NC	ND	ND	NC
Beryllium	3	ND	ND	NC	ND	ND	NC	ND	ND	NC
Cadmium	5	ND	4.1	NC	15.0	2.6	17.3%	20.0	14.0	70.0%
Calcium	NC	37,000	41,000	110.8%	21,000	20,000	95.2%	9,300	9,300	100.0%
Chromium	50	ND	ND	NC	ND	ND	NC	ND	ND	NC
Cobalt	NC	ND	ND	NC	13.0	3.8	29.2%	ND	ND	NC
Copper	200	ND	ND	NC	ND	ND	NC	ND	ND	NC
Iron	300	880	ND	NC	98,000	4,200	4.3%	510	ND	NC
Lead	25	6.5	ND	NC	29.0	ND	NC	ND	ND	NC
Magnesium	35,000	11,000	12,000	109.1%	ND	ND	NC	ND	ND	NC
Manganese	300	520	ND	NC	410	240	58.5%	64	ND	NC
Mercury	0.7	ND	ND	NC	ND	ND	NC	ND	ND	NC
Nickel	100	ND	ND	NC	ND	ND	NC	ND	ND	NC
Potassium	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Selenium	10	ND	ND	NC	ND	ND	NC	ND	ND	NC
Silver	50	ND	ND	NC	ND	ND	NC	ND	ND	NC
Sodium	20,000	7,100	8,400	118.3%	19,000	20,000	105.3%	18,000	18,000	100.0%
Thallium	0.5	ND	ND	NC	ND	ND	NC	ND	ND	NC
Vanadium	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Zinc	2,000	ND	ND	NC	210	ND	NC	ND	ND	NC
Turbidity	50 NTU	14.9			28.8			42.7		

Notes: ND - Not Detected
NC - both filtered and unfiltered result was "not detected"
BOLD/Italics - exceeds criterion
Groundwater Contaminants of Concern

Upgradient Wells
Source Area Wells
Downgradient Wells
Willetts Creek Wells

TABLE 4
DZUS FASTENERS SITE (1-52-033)
MARCH 2015 SAMPLING EVENT

TOTAL VERSUS DISSOLVED METALS CONCENTRATIONS IN GROUNDWATER

Sample Location	NYSDEC	MW-9	MW-9	MW-9	MW-9B	MW-9B	MW-9B	MW-13A	MW-13A	MW-13A
Sample ID	Class GA	DMW-9	DMW-9F		DMW-9B	DMW-9BF		DMW-13A	DMW-13AF	
Laboratory ID	Ground	AC83807-029	AC83807-030		AC83807-023	AC83807-024		AC83807-011	AC83807-012	
Sample Date	Water	3/18/15	3/18/15		3/18/15	3/18/15		3/17/15	3/17/15	
Filtered/Unfiltered	Criteria	Unfiltered	Filtered	Percent	Unfiltered	Filtered	Percent	Unfiltered	Filtered	Percent
Metal		conc. Q	conc. Q	Dissolved	conc. Q	conc. Q	Dissolved	conc.	conc.	Dissolved
Aluminum	NC	ND	ND	NC	ND	ND	NC	420	ND	NC
Antimony	3	ND	ND	NC	ND	ND	NC	ND	ND	NC
Arsenic	25	ND	ND	NC	ND	ND	NC	ND	ND	NC
Barium	1,000	ND	ND	NC	ND	ND	NC	ND	ND	NC
Beryllium	3	ND	ND	NC	ND	ND	NC	ND	ND	NC
Cadmium	5	ND	2.4	NC	ND	2.5	NC	9.6	9.1	94.8%
Calcium	NC	13,000	14,000	107.7%	6,400	6,700	104.7%	20,000	21,000	105.0%
Chromium	50	ND	ND	NC	ND	ND	NC	ND	ND	NC
Cobalt	NC	ND	ND	NC	ND	ND	NC	17.0	18.0	105.9%
Copper	200	ND	ND	NC	ND	ND	NC	ND	ND	NC
Iron	300	550	ND	NC	ND	ND	NC	8,600	6,200	72.1%
Lead	25	ND	ND	NC	ND	ND	NC	ND	25.0	NC
Magnesium	35,000	ND	ND	NC	ND	ND	NC	ND	ND	NC
Manganese	300	ND	ND	NC	44	ND	NC	1,100	1,200	109.1%
Mercury	0.7	ND	ND	NC	ND	ND	NC	ND	ND	NC
Nickel	100	ND	ND	NC	ND	ND	NC	ND	ND	NC
Potassium	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Selenium	10	ND	ND	NC	ND	ND	NC	ND	ND	NC
Silver	50	ND	ND	NC	ND	ND	NC	ND	ND	NC
Sodium	20,000	18,000	21,000	116.7%	13,000	14,000	107.7%	43,000	47,000	109.3%
Thallium	0.5	ND	ND	NC	ND	ND	NC	ND	ND	NC
Vanadium	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Zinc	2,000	ND	ND	NC	ND	ND	NC	ND	ND	NC
Turbidity	50 NTU	0.5			2.7			71		

Notes: ND - Not Detected
NC - both filtered and unfiltered result was "not detected"
BOLD/Italics - exceeds criterion
Groundwater Contaminants of Concern

Upgradient Wells
Source Area Wells
Downgradient Wells
Willets Creek Wells

TABLE 4
DZUS FASTENERS SITE (1-52-033)
MARCH 2015 SAMPLING EVENT

TOTAL VERSUS DISSOLVED METALS CONCENTRATIONS IN GROUNDWATER

Sample Location	NYSDEC	MW-13B	MW-13B	MW-13B	MW-15A	MW-15A	MW-15A	MW-15B	MW-15B	MW-15B
Sample ID	Class GA	DMW-13B	DMW-13BF		DMW-15A	DMW-15AF		DMW-15B	DMW-15BF	
Laboratory ID	Ground	AC83807-013	AC83807-014		AC83807-001	AC83807-002		AC83807-003	AC83807-004	
Sample Date	Water	3/17/15	3/17/15		3/17/15	3/17/15		3/17/15	3/17/15	
Filtered/Unfiltered	Criteria	Unfiltered	Filtered	Percent	Unfiltered	Filtered	Percent	Unfiltered	Filtered	Percent
Metal		conc. Q	conc. Q	Dissolved	conc. Q	conc. Q	Dissolved	conc. Q	conc. Q	Dissolved
Aluminum	NC	1,000	ND	NC	820	ND	NC	ND	ND	NC
Antimony	3	ND	ND	NC	ND	ND	NC	ND	ND	NC
Arsenic	25	ND	ND	NC	ND	ND	NC	ND	ND	NC
Barium	1,000	ND	ND	NC	ND	ND	NC	ND	ND	NC
Beryllium	3	ND	ND	NC	ND	ND	NC	ND	ND	NC
Cadmium	5	4.0	ND	NC	17.0	8.2	48.2%	ND	ND	NC
Calcium	NC	12,000	13,000	108.3%	12,000	14,000	116.7%	9,900	11,000	111.1%
Chromium	50	ND	ND	NC	ND	ND	NC	ND	ND	NC
Cobalt	NC	3.0	ND	NC	ND	ND	NC	ND	ND	NC
Copper	200	ND	ND	NC	ND	ND	NC	ND	ND	NC
Iron	300	2,100	ND	NC	1,100	ND	NC	1,500	ND	NC
Lead	25	6.3	ND	NC	6.3	ND	NC	11.0	ND	NC
Magnesium	35,000	ND	ND	NC	ND	ND	NC	ND	ND	NC
Manganese	300	780	ND	NC	150	ND	NC	94.0	ND	NC
Mercury	0.7	ND	ND	NC	ND	ND	NC	ND	ND	NC
Nickel	100	ND	ND	NC	ND	ND	NC	ND	ND	NC
Potassium	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Selenium	10	ND	ND	NC	ND	ND	NC	ND	ND	NC
Silver	50	ND	ND	NC	ND	ND	NC	ND	ND	NC
Sodium	20,000	12,000	13,000	108.3%	20,000	23,000	115.0%	32,000	36,000	112.5%
Thallium	0.5	ND	ND	NC	ND	ND	NC	ND	ND	NC
Vanadium	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Zinc	2,000	ND	ND	NC	ND	ND	NC	ND	ND	NC
Turbidity	50 NTU	48.8			31.7			4.4		

Notes: ND - Not Detected
NC - both filtered and unfiltered result was "not detected"
BOLD/Italics - exceeds criterion
Groundwater Contaminants of Concern

Upgradient Wells
Source Area Wells
Downgradient Wells
Willets Creek Wells

TABLE 4
DZUS FASTENERS SITE (1-52-033)
MARCH 2015 SAMPLING EVENT

TOTAL VERSUS DISSOLVED METALS CONCENTRATIONS IN GROUNDWATER

Sample Location	NYSDEC	MW-18	MW-18	MW-18	MW-22A	MW-22A	MW-22A	MW-22B	MW-22B	MW-22B
Sample ID	Class GA	DMW-18	DMW-18F		DMW-22A	DMW-22AF		DMW-22B	DMW-22BF	
Laboratory ID	Ground	AC83807-019	AC83807-020		AC83807-009	AC83807-010		AC83807-007	AC83807-008	
Sample Date	Water	3/17/15	3/17/15		3/17/15	3/17/15		3/17/15	3/17/15	
Filtered/Unfiltered	Criteria	Unfiltered	Filtered	Percent	Unfiltered	Filtered	Percent	Unfiltered	Filtered	Percent
Metal		conc. Q	conc. Q	Dissolved	conc. Q	conc. Q	Dissolved	conc. Q	conc. Q	Dissolved
Aluminum	NC	440	ND	NC	ND	ND	NC	ND	ND	NC
Antimony	3	ND	ND	NC	ND	ND	NC	ND	ND	NC
Arsenic	25	ND	ND	NC	ND	ND	NC	ND	ND	NC
Barium	1,000	ND	ND	NC	ND	ND	NC	ND	ND	NC
Beryllium	3	ND	ND	NC	ND	ND	NC	ND	ND	NC
Cadmium	5	ND	ND	NC	ND	ND	NC	ND	ND	NC
Calcium	NC	18,000	19,000	105.6%	45,000	51,000	113.3%	27,000	31,000	114.8%
Chromium	50	ND	ND	NC	ND	ND	NC	ND	ND	NC
Cobalt	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Copper	200	ND	ND	NC	ND	ND	NC	ND	ND	NC
Iron	300	520	ND	NC	2,100	640	30.5%	ND	ND	NC
Lead	25	ND	ND	NC	ND	ND	NC	ND	ND	NC
Magnesium	35,000	ND	ND	NC	7,200	8,200	113.9%	5,100	5,900	115.7%
Manganese	300	720	ND	NC	220	260	118.2%	550	590	107.3%
Mercury	0.7	ND	ND	NC	ND	ND	NC	ND	ND	NC
Nickel	100	ND	ND	NC	ND	ND	NC	ND	ND	NC
Potassium	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Selenium	10	ND	ND	NC	ND	ND	NC	ND	ND	NC
Silver	50	ND	ND	NC	ND	ND	NC	ND	ND	NC
Sodium	20,000	37,000	39,000	105.4%	28,000	34,000	121.4%	15,000	17,000	113.3%
Thallium	0.5	ND	ND	NC	ND	ND	NC	ND	ND	NC
Vanadium	NC	ND	ND	NC	ND	ND	NC	ND	ND	NC
Zinc	2,000	ND	ND	NC	280	290	103.6%	ND	ND	NC
Turbidity	50 NTU	22.1			21.7			0.7		

Notes: ND - Not Detected
NC - both filtered and unfiltered result was "not detected"
BOLD/Italics - exceeds criterion
Groundwater Contaminants of Concern

Upgradient Wells
Source Area Wells
Downgradient Wells
Willetts Creek Wells

TABLE 4
DZUS FASTENERS SITE (1-52-033)
MARCH 2015 SAMPLING EVENT

TOTAL VERSUS DISSOLVED METALS CONCENTRATIONS IN GROUNDWATER

Sample Location	NYSDEC	MW-23A	MW-23A	MW-23A	MW-23B	MW-23B	MW-23B
Sample ID	Class GA	DMW-23A	DMW-23AF		DMW-23B	DMW-23BF	
Laboratory ID	Ground	AC83807-015	AC83807-016		AC83807-017	AC83807-018	
Sample Date	Water	3/17/15	3/17/15		3/17/15	3/17/15	
Filtered/Unfiltered	Criteria	Unfiltered	Filtered	Percent	Unfiltered	Filtered	Percent
Metal		conc. Q	conc. Q	Dissolved	conc. Q	conc. Q	Dissolved
Aluminum	NC	ND	ND	NC	730	ND	NC
Antimony	3	ND	ND	NC	ND	ND	NC
Arsenic	25	ND	ND	NC	ND	ND	NC
Barium	1,000	ND	ND	NC	ND	ND	NC
Beryllium	3	ND	ND	NC	ND	ND	NC
Cadmium	5	10.0	ND	NC	27.0	31.0	114.8%
Calcium	NC	41,000	40,000	97.6%	8,900	9,900	111.2%
Chromium	50	ND	ND	NC	ND	ND	NC
Cobalt	NC	ND	ND	NC	ND	ND	NC
Copper	200	ND	ND	NC	ND	ND	NC
Iron	300	8,000	6,400	80.0%	1,600	ND	NC
Lead	25	ND	ND	NC	5.6	ND	NC
Magnesium	35,000	8,600	8,400	97.7%	ND	ND	NC
Manganese	300	780	820	105.1%	ND	ND	NC
Mercury	0.7	ND	ND	NC	ND	ND	NC
Nickel	100	ND	ND	NC	ND	ND	NC
Potassium	NC	6,400	6,800	106.3%	ND	ND	NC
Selenium	10	ND	ND	NC	ND	ND	NC
Silver	50	ND	ND	NC	ND	ND	NC
Sodium	20,000	91,000	95,000	104.4%	25,000	27,000	108.0%
Thallium	0.5	ND	ND	NC	ND	ND	NC
Vanadium	NC	ND	ND	NC	ND	ND	NC
Zinc	2,000	ND	ND	NC	61.0	ND	NC
Turbidity	50 NTU	8.2			47.3		

Notes: ND - Not Detected
NC - both filtered and unfiltered result was "not detected"
BOLD/Italics - exceeds criterion
Groundwater Contaminants of Concern

Upgradient Wells
Source Area Wells
Downgradient Wells
Willets Creek Wells

TABLE 5
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH APRIL 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN WILLETTS CREEK AND LAKE CAPRI SURFACE WATER SAMPLES

Sample Location	NYSDEC Class A Surface Water Criteria	Lake Capri SW-1 E0868-01A 6/21/06	Lake Capri SW-1 F1193-20A 8/23/07	Lake Capri SW-1 G2136-11 11/14/08	Lake Capri SW-1 J0376-01A 3/4/10	Lake Capri SW-1 K0911-08 5/22/11	Lake Capri SW-1 L1949-01 09/17/12	Lake Capri SW-1 AC75648-158 11/8/13	Lake Capri SW-1 AC84282-012 4/11/15
Sample ID		conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	31.9 B	40.1 B	ND	29.6 B	ND	ND	ND	ND
Antimony	3	ND	ND	6.0 B	ND	ND	ND	ND	ND
Arsenic	50	ND	ND	ND	ND	ND	ND	0.56 JB	ND
Barium	1,000	13.2 B	23.1 B	31.8 B	22.4 B	13.6 B	20.8 B	ND	ND
Beryllium	3	ND	ND	ND	ND	ND U	ND	ND	ND
Cadmium	5	1.1 B	2.3 B	1.5 B	2.6 B	1.6 B	ND	1.5 J	3.4
Calcium	NC	15,100	14,100	14,300	15,300	13,900	14,900	16,000	15,000
Chromium	50	0.6 B	0.95 B	ND	0.52 B	1.3 B	ND	ND	ND
Cobalt	NC	0.94 B	1.4 BE	ND	0.76 B	0.77 B	ND	0.80 J	ND
Copper	200	8.9 B	3.1 B	ND	ND	ND	ND	ND	ND
Iron	300	691	738	598	387	416	172 B	1,100	370
Lead	50	ND	2.1 B	ND	ND	ND	ND	3.2	ND
Magnesium	35,000	3,500	2,860	3,570	3,420	2,960	3,420	ND	ND
Manganese	300	1,050	862	1,610	996	1,000	552	1,700	760
Mercury	0.7	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	100	1.3 B	0.6 B	ND	1.6 B	ND	ND	ND	ND
Potassium	NC	2,000	1,930	2,250	2,070	2,040	2,300	ND	ND
Selenium	10	ND	6.0 B	ND	ND	ND	ND	ND	ND
Silver	50	1.8 B	2.8 B	0.98 B	ND	ND	ND	ND	ND
Sodium	20,000	18,500	15,800	19,000	22,500	18,700	24,600	25,000	24,000
Thallium	0.5	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	NC	0.78 B	0.79 B	ND	2.6 B	ND	ND	ND	ND
Zinc	2,000	22.4 B	22.8 B	22.3 B	38 B	22.3 B	10.1 B	ND	ND

Notes: All values in µg/L

E - Estimated due to matrix interference

* - Replicate RPDs were not within QC limits

BOLD/Italics - exceeds criterion

B - Estimated value (greater than MDL but less than RL)

NC - No Criteria

ND - Not Detected

Surface Water Contaminants of Concern

TABLE 5
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH APRIL 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN WILLETTS CREEK AND LAKE CAPRI SURFACE WATER SAMPLES

Sample Location	NYSDEC Class A	Lake Capri SW-2	Lake Capri SW-2	Lake Capri SW-2	Lake Capri SW-2	Lake Capri SW-2	Lake Capri SW-2	Lake Capri SW-2	Lake Capri SW-2
Sample ID	Surface	SW-2	SW-2	SW-2	SW-2	SW-2	SW-2	SW-2	SW-2
Laboratory ID	Water	E0868-03A	F1194-02A	G2136-09	J0376-02A	K0911-09	L1949-02	AC75648-159	AC84282-013
Sample Date	Criteria	6/21/06	8/23/07	11/14/08	3/4/10	5/22/11	09/17/12	11/8/13	4/11/15
		conc. Q	conc.	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	16.8 B	98.4 B	ND	33.2 B	ND	ND	ND	ND
Antimony	3	ND	ND	ND	5.7 B	ND	ND	0.58 J	ND
Arsenic	50	ND	ND	ND	ND	ND	ND	1.1 JB	ND
Barium	1,000	12.2 B	24.3 B	32.4 B	24.2 B	12.9 B	20.2 B	ND	ND
Beryllium	3	ND	ND	ND	ND	ND	ND	0.33 J	ND
Cadmium	5	1.0 B	2.1 B	2.0 B	2.8 B	1.7 B	ND	0.82 J	2.8
Calcium	NC	14,900	13,300	14,300	16,100	13,900	14,700	15,000	15,000
Chromium	50	0.52 B	1.2 B	ND	0.86 B	0.72 B	ND	ND	ND
Cobalt	NC	0.92 B	1 B	ND	1 B	ND	ND	0.97 J	ND
Copper	200	ND	4.4 B	ND	6.2 B	ND	ND	ND	ND
Iron	300	649	819	675	478	508	176 B	680	510
Lead	50	ND	3.1 B	2.4 B	ND	ND	ND	1.5 J	ND
Magnesium	35,000	3,490	2,940	3,530	3,700	2,940	3,360	ND	ND
Manganese	300	1,010	819 E	1,560	968	1,080	564	1,300	840
Mercury	0.7	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	100	1.1 B	0.81 B	ND	2.4 B	ND	ND	ND	ND
Potassium	NC	1,990	1,990	2,320	2,080	1,990	2,330	ND	ND
Selenium	10	ND	ND	ND	ND	ND	ND	ND	ND
Silver	50	1.6 B	3.1 B	ND	ND	ND	ND	ND	ND
Sodium	20,000	18,100	16,200 E	19,500	22,000	18,600	23,800	21,000	24,000
Thallium	0.5	ND	ND	ND	7.2 B	ND	ND	0.74 J	ND
Vanadium	NC	ND	0.88 B	1.1 B	3.3 B	ND	ND	ND	ND
Zinc	2,000	15.6 B	27.4 B	21 B	34.5 B	20.3 B	5.3 B	ND	ND

Notes: All values in µg/L

E - Estimated due to matrix interference

* - Replicate RPDs were not within QC limits

BOLD/Italics - exceeds criterion

B - Estimated value (greater than MDL but less than RL)

NC - No Criteria

ND - Not Detected

Surface Water Contaminants of Concern

TABLE 5
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH APRIL 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN WILLETTS CREEK AND LAKE CAPRI SURFACE WATER SAMPLES

Sample Location	NYSDEC Class A	Lake Capri SW-3	Lake Capri SW-3	Lake Capri SW-3	Lake Capri SW-3	Lake Capri SW-3	Lake Capri SW-3	Lake Capri SW-3	Lake Capri SW-3
Sample ID	Surface	SW-3	SW-3	SW-3	SW-3	SW-3	SW-3	SW-3	SW-3
Laboratory ID	Water	E0868-05A	F1194-04A	G2136-13	J0376-03A	K0911-10	L1949-03	AC75648-165	AC84282-014
Sample Date	Criteria	6/21/06	8/23/07	11/14/08	3/4/10	5/22/11	09/17/12	11/8/13	4/11/15
		conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	69.5 B	37 U	ND	27 B	ND	ND	ND	ND
Antimony	3	ND	ND	ND	7.2 B	ND	ND	ND	ND
Arsenic	50	ND	ND	ND	ND	ND	ND	0.62 JB	ND
Barium	1,000	7.9 B	12.6 B	38.6 B	19.6 B	10.1 B	17.2 B	ND	ND
Beryllium	3	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	5	1.9 B	0.32 B	0.97 B	2.8 B	1.4 B	ND	1.7 JB	ND
Calcium	NC	15,200	13,100	14,000	15,000	13,900	14,500	16,000	15,000
Chromium	50	0.58 B	0.7 B	ND	0.59 B	0.67 B	ND	ND	ND
Cobalt	NC	0.72 B	1.0 B	ND	ND	ND	ND	2.0	ND
Copper	200	ND	3.9 B	ND	ND	ND	ND	ND	ND
Iron	300	788	280	772	332	311	144 B	590	ND
Lead	50	0.92 B	ND	ND	ND	ND	ND	3.5	ND
Magnesium	35,000	3,540	2,990	3,440	3,380	3,030	3,310	ND	ND
Manganese	300	882	73.9 E	1,790	911	990	355	940	640
Mercury	0.7	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	100	0.96 B	ND	ND	1.3 B	ND	ND	ND	ND
Potassium	NC	2,000	2,020	2,290	2,000	2,000	2,210	ND	ND
Selenium	10	ND	ND	ND	ND	ND	ND	ND	ND
Silver	50	1.3 B	3.4 B	0.64 B	ND	ND	ND	ND	ND
Sodium	20,000	18,300	16,800 E	17,700	23,300	18,800	23,500	23,000	23,000
Thallium	0.5	ND	ND	ND	5.9 B	ND	ND	ND	ND
Vanadium	NC	0.7 B	0.42 B	ND	2.8 B	ND	ND	ND	ND
Zinc	2,000	21.5 B	14 B	16.4 B	33.4 B	18.9 B	ND	ND	ND

Notes: All values in µg/L

E - Estimated due to matrix interference

* - Replicate RPDs were not within QC limits

BOLD/Italics - exceeds criterion

B - Estimated value (greater than MDL but less than RL)

NC - No Criteria

ND - Not Detected

Surface Water Contaminants of Concern

TABLE 5
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH APRIL 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN WILLETTS CREEK AND LAKE CAPRI SURFACE WATER SAMPLES

Sample Location	NYSDEC Class A	Lake Capri SW-4	Lake Capri SW-4	Lake Capri SW-4	Lake Capri SW-4	Lake Capri SW-4	Lake Capri SW-4	Lake Capri SW-4	Lake Capri SW-4
Sample ID	Surface	SW-4	SW-4	SW-4	SW-4	SW-4	SW-4	SW-4	SW-4
Laboratory ID	Water	E0868-07A	F1194-06A	G2136-15	J0376-04A	K0911-11	L1949-04	AC75648-164	AC84282-015
Sample Date	Criteria	6/21/06	8/23/07	11/14/08	3/4/10	5/22/11	09/17/12	11/8/13	4/11/15
		conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	ND	ND	ND	27.4 B	ND	ND	ND	ND
Antimony	3	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	50	ND	ND	ND	ND	ND	ND	0.50 JB	ND
Barium	1,000	5.7 B	14 B	31.9 B	20.2 B	9.8 B	19.6 B	ND	ND
Beryllium	3	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	5	0.89 B	0.77 B	0.63 B	2.6 B	1.4 B	ND	0.93 J	ND
Calcium	NC	14,600	12,900	14,000	15,300	13,700	13,900	15,000	13,000
Chromium	50	ND	0.88 B	ND	0.51 B	0.75 B	ND	ND	ND
Cobalt	NC	0.37 B	1.2 B	ND	ND	ND	ND	0.44 J	3.1
Copper	200	11.7 B	4.9 B	ND	ND	ND	ND	ND	ND
Iron	300	610	609	741	344	322	152 B	450	390
Lead	50	ND	2.2 B	ND	ND	ND	ND	2.4 J	ND
Magnesium	35,000	3,510	2,950	3,490	3,420	2,980	3,190	ND	ND
Manganese	300	786	135 E	1,630	943	918	463	910	550
Mercury	0.7	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	100	0.6 B	ND	ND	0.88 B	ND	ND	ND	ND
Potassium	NC	1,950	2,040	2,310	1,980	1,960	2,150	ND	ND
Selenium	10	ND	ND	ND	ND	ND	ND	ND	ND
Silver	50	ND	2.8 B	ND	ND	ND	ND	ND	ND
Sodium	20,000	18,100	16,600 E	17,800	22,900	18,700	23,900	22,000	17,000
Thallium	0.5	ND	ND	ND	ND	ND	ND	ND	2.0
Vanadium	NC	ND	ND	ND	2 B	ND	ND	ND	ND
Zinc	2,000	20.2 B	18 B	9.7 B	31.9 B	18.9 B	5.3 B	ND	ND

Notes: All values in µg/L

E - Estimated due to matrix interference

* - Replicate RPDs were not within QC limits

BOLD/Italics - exceeds criterion

B - Estimated value (greater than MDL but less than RL)

NC - No Criteria

ND - Not Detected

Surface Water Contaminants of Concern

TABLE 5
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH APRIL 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN WILLETTS CREEK AND LAKE CAPRI SURFACE WATER SAMPLES

Sample Location Sample ID Laboratory ID Sample Date	NYSDEC Class A Surface Water Criteria	Willetts Creek SW-5 E0868-09A 6/21/06 conc. Q	Willetts Creek SW-5 F1193-18A 8/23/07 conc. Q	Willetts Creek SW-5 G2114-20 11/12/08 conc. Q	Willetts Creek SW-5 J0376-05A 3/4/10 conc. Q	Willetts Creek SW-5 K0911-12 5/22/11 conc. Q	Willetts Creek SW-5 L1949-05 09/18/12 conc. Q	Willetts Creek SW-5 AC75648-163 11/8/13 conc. Q	Willetts Creek SW-5 AC84282-003 4/11/15 conc. Q
Aluminum	NC	15.3 B	ND	ND	79.3 B	305	ND	1,200	ND
Antimony	3	1.5 B	4.4 B	ND	ND	ND	ND	0.54 J	ND
Arsenic	50	ND	ND	ND	5.2 B	ND	ND	3.7 B	ND
Barium	1,000	36.9 B	36.4 B	26.2 B	24.6 B	40.7 B	31.4 B	71.0	ND
Beryllium	3	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	5	5.7	5.6	3.0 B	5.1	8.8	4.1 B	15.0	6.9
Calcium	NC	14,400	16,100	12,500	17,800	19,200	15,200	12,000	15,000
Chromium	50	ND	0.39 B	ND	0.99 B	2.6 B	ND	ND	ND
Cobalt	NC	0.82 B	1.9 BE	ND	ND	1.8 B	ND	5.4	ND
Copper	200	ND	1.7 B	ND	5.6 B	11.3 B	3.8 B	ND	ND
Iron	300	632	599	1,060	959	4,080	690	14,000	460
Lead	50	ND	ND	ND	ND	10.2	ND	38.0	ND
Magnesium	35,000	3,550	3,420	3,100	3,960	4,020	3,510	ND	ND
Manganese	300	1,420	1,110	956	450	923	519	3,000	280
Mercury	0.7	ND	ND	ND	ND	ND	ND	0.16 J	ND
Nickel	100	0.98 B	0.85 B	ND	1.1 B	1.4 B	ND	ND	ND
Potassium	NC	2,080	2,040	1,780	2,070	2,340	2,240	ND	ND
Selenium	10	ND	ND	ND	ND	ND	ND	ND	ND
Silver	50	ND	3.1 B	ND	ND	ND	ND	ND	ND
Sodium	20,000	21,100	21,800	18,100	20,300	26,900	28,100	22,000	24,000
Thallium	0.5	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	NC	ND	ND	0.99 B	12.1 B	6.9 B	ND	ND	ND
Zinc	2,000	22 B	21.2 B	10.4 B	38.5 B	98.7	15.9 B	78.0	ND

Notes: All values in µg/L

E - Estimated due to matrix interference

* - Replicate RPDs were not within QC limits

BOLD/Italics - exceeds criterion

B - Estimated value (greater than MDL but less than RL)

NC - No Criteria

ND - Not Detected

Surface Water Contaminants of Concern

TABLE 5
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH APRIL 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN WILLETTS CREEK AND LAKE CAPRI SURFACE WATER SAMPLES

Sample Location	NYSDEC Class A	Willetts Creek	Willetts Creek	Willetts Creek	Willetts Creek	Willetts Creek	Willetts Creek	Willetts Creek	Willetts Creek	Lake Capri Cove
Sample ID	Surface	SW-6	SW-6	SW-6	SW-6	SW-6	SW-6	SW-6	SW-6	SC-4
Laboratory ID	Water	E0868-11A	F1194-08A	G2114-16	J0376-06	K0911-13	L1949-06		AC84282-004	AC84282-005
Sample Date	Criteria	6/21/06	8/23/07	11/12/08	3/4/10	5/22/11	09/17/12	11/8/13	4/11/15	4/11/15
		conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	40.5 B	ND	190 B	63.9 B	103 B	84.4 B	creekbed was dry at the time of sampling	ND	ND
Antimony	3	ND	8.0 B	ND	ND	ND	ND		ND	ND
Arsenic	50	ND	ND	ND	ND	ND	ND		ND	ND
Barium	1,000	35.5 B	40.6 B	37.7 B	22.8 B	27.8 B	23.6 B		ND	ND
Beryllium	3	ND	ND	ND	ND	ND	ND		ND	ND
Cadmium	5	0.55 B	2.8 B	75.4	ND	ND	ND		ND	ND
Calcium	NC	26,700	27,200	20,100	19,200	25,100	21,400		21,000	15,000
Chromium	50	0.99 B	0.88 B	7.2 B	1.5 B	0.73 B	1.7 B		ND	ND
Cobalt	NC	3.1 B	2.8 B	ND	ND	ND	ND		ND	ND
Copper	200	ND	2.8 B	ND	ND	ND	ND		ND	ND
Iron	300	5,400	2,170	4,010	639	2,280	6,840	2,000	ND	
Lead	50	ND	2.5 B	9.8 B	ND	ND	ND	ND	ND	
Magnesium	35,000	5,130	5,290	4,080	4,320	4,960	4,860	ND	ND	
Manganese	300	2,610	1,510 E	1,040	406	869	1,160	550	640	
Mercury	0.7	ND	ND	ND	ND	ND	ND	ND	ND	
Nickel	100	1.4 B	1.5 B	ND	1.8 B	ND	0.91 B	ND	ND	
Potassium	NC	2,230	2,480	2,830	2,250	2,810	2,460	ND	ND	
Selenium	10	ND	ND	ND	10.5 B	ND	ND	ND	ND	
Silver	50	ND	5.9 B	ND	ND	ND	ND	ND	ND	
Sodium	20,000	29,200	33,600 E	26,000	20,500	33,800	32,100	28,000	23,000	
Thallium	0.5	ND	ND	ND	ND	ND	ND	ND	ND	
Vanadium	NC	1.1 B	0.63 B	1.6 B	1.6 B	ND	ND	ND	ND	
Zinc	2,000	35.6 B	32.2 B	48.2 B	43.3 B	35.8 B	21.3 B	ND	ND	

Notes: All values in µg/L

E - Estimated due to matrix interference

* - Replicate RPDs were not within QC limits

BOLD/Italics - exceeds criterion

B - Estimated value (greater than MDL but less than RL)

NC - No Criteria

ND - Not Detected

Surface Water Contaminants of Concern

TABLE 6
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH APRIL 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN WILLETTS CREEK AND LAKE CAPRI SEDIMENT SAMPLES

Sample Location	NYSDEC Technical Guidance for Sediment Criteria		Lake Capri SED-1	Lake Capri SED-1	Lake Capri SED-1	Lake Capri SED-1	Lake Capri SED-1	Lake Capri SED-1	Lake Capri SED-1	Lake Capri SED-1
Sample ID			E0868-02A	F1193-19A	G2136-10	J0376-09A	K0911-01	L1949-09	AC75648-012	AC84282-006
Laboratory ID			6/21/06	8/23/07	11/14/08	3/4/10	5/22/11	9/17/12	11/8/13	4/11/15
Sample Date	Lowest Effect	Highest Effect	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	NC	5,020	895	7630 *	6,730 E	9,620	10,800	4,200	2,600
Antimony	2.0	25	0.7 B	0.41 B	2.2 BN	6.4	ND	ND	ND	ND
Arsenic	6.0	33	7.9	1.5	8.7	16.1	15.2 *	18.1	ND	5.6
Barium	NC	NC	81.2	31.9	67.7 B*E	175	445	203	73.0	39.0
Beryllium	NC	NC	0.5 B	0.074 B	0.64 B	0.75 BE	0.87 B	0.34 B	ND	ND
Cadmium	0.6	9	47.8	11.6	61.4 N*E	69.2	81.2 *	89.8	63.0	26.0
Calcium	NC	NC	2,540	646	3,140 *	5,180 *	7,440 *	3,340	ND	ND
Chromium	26	110	20.7	2.8	27.1 E	39.1 *	50.0 *	57.4	ND	ND
Cobalt	NC	NC	7.6	3.7	20.2 E	20.9	29.4 E	19.7 B	ND	ND
Copper	16	110	38.6	86.3	65.7	127 *	121 *	144	61.0	220
Iron	20,000	20,000	10,300	3,880	19,700 E	36,000	44,600 *	26,700	8,200	8,600
Lead	31	110	170	19.3	176 N*E	225	226 N*	289	110	72
Magnesium	NC	NC	1,300	217	1,260 *E	1,770	2,100 *E	2,170	ND	ND
Manganese	460	1,100	1,290	1,200	181 *	2,250	22,600 *	3,620	3,600	310
Mercury	0.15	1.3	0.21	0.0071 B	0.34	0.38	0.33 B	0.52	ND	ND
Nickel	16	50	11.4	3.0	19.4	24.1 E	24.1 *	27.3	ND	ND
Potassium	NC	NC	514	91.9	465 *	429	748	660	ND	ND
Selenium	NC	NC	1.6 B	0.64 B	ND	5.0 B	ND	6.1 B	ND	ND
Silver	1.0	2.2	ND	ND	ND	ND	2.7 B	ND	ND	ND
Sodium	NC	NC	117	44.2 B	136 B	339	433	388 B	ND	ND
Thallium	NC	NC	5.8	ND	ND	12.7	3.8 B	8.6 B	ND	ND
Vanadium	NC	NC	29.4	5.1	39.9 E	78.7 E	99.2	90.5	ND	ND
Zinc	120	270	215	71.6	445 *E	493 *	572 *	642	210	140

Notes: B - Estimated value (greater than MDL but less than RL)
BOLD/Italics - exceeds lowest effects criterion
E - Replicate RPDs were not within QC limits
* - Percent recovery for duplicates were not within QC limits
N - Spike recoveries were not within QC limits

All values in mg/kg
NC - No Criteria
ND - Not Detected
Sediment Contaminants of Concern

TABLE 6
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH APRIL 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN WILLETTS CREEK AND LAKE CAPRI SEDIMENT SAMPLES

Sample Location Sample ID Laboratory ID Sample Date	NYSDEC Technical Guidance for Sediment Criteria		Lake Capri SED-2 E0868-04A 6/21/06 conc. Q	Lake Capri SED-2 F1194-01A 8/23/07 conc. Q	Lake Capri SED-2 G2136-08 11/14/08 conc. Q	Lake Capri SED-2 J0376-10A 3/4/10 conc. Q	Lake Capri SED-2 K0911-02 5/22/11 conc. Q	Lake Capri SED-2 L1949-10 9/17/12 conc. Q	Lake Capri SED-2 AC75648-012 11/8/13 conc. Q	Lake Capri SED-2 AC84282-007 4/11/15 conc. Q
Aluminum	NC	NC	15,500	1,850	2,800 *	9,050 E	8,310	8,300	9,100	12,000
Antimony	2.0	25	0.92 B	0.82 B	0.19 BN	1.3 B	ND	ND	ND	ND
Arsenic	6.0	33	19.7	2.0 B	1.8	20.2	13.4 *	19.2	ND	15.0
Barium	NC	NC	89.8	57.9	40.8 *E	173	108	209	270	91.0
Beryllium	NC	NC	1.2	0.16 B	0.16 B	0.89 E	0.75 B	0.40 B	ND	ND
Cadmium	0.6	9	133	21.2	12.5 N*E	111	96.6 *	122	96.0	150
Calcium	NC	NC	2,860	1,320	1,400 *	3,810 *	4,330 *	4,090	ND	ND
Chromium	26	110	33.7	7.7	6.5 E	49.4 *	45.2 *	47.7	45.0	49.0
Cobalt	NC	NC	12.1	8.1	3 BE	17.8	11.1 E	16.5	20.0	13.0
Copper	16	110	210	19.6	15.6	97.7 *	80.2 *	91.0	130	130
Iron	20,000	20,000	20,300	8,940	3,850 E	27,500	17,300 *	25,400	42,000	17,000
Lead	31	110	315	40.7	25.8 N*E	375	315 N*	408	280	340
Magnesium	NC	NC	1,510	404	305 *E	1,690	1,360 *E	1,500	ND	ND
Manganese	460	1,100	153	1,300	769 *	3,510	1,480 *	3,790	6,800	1,900
Mercury	0.15	1.3	0.45	0.047 BN	0.018 B	0.35	0.5	0.49	ND	0.35
Nickel	16	50	17.6	6.8 E	3.2 B	22.0 E	17.6 *	21.9	ND	ND
Potassium	NC	NC	555	200 E	123 *	373	389	428	ND	ND
Selenium	NC	NC	2.2 B	1.2 B	ND	ND	ND	6.2 B	ND	ND
Silver	1.0	2.2	0.33 B	ND	ND	ND	ND	ND	ND	ND
Sodium	NC	NC	143	92.5 B	46.5 B	200	219	228	ND	ND
Thallium	NC	NC	0.39 B	ND	ND	20.5	2.5 B	9.8	ND	ND
Vanadium	NC	NC	55.9	11.9	5.8 E	61.3 E	54.0	60.8	84.0	ND
Zinc	120	270	402	138	67.9 *E	495 *	406 *	526	550	480

Notes: B - Estimated value (greater than MDL but less than RL)
BOLD/Italics - exceeds lowest effects criterion
E - Replicate RPDs were not within QC limits
* - Percent recovery for duplicates were not within QC limits
N - Spike recoveries were not within QC limits

All values in mg/kg
NC - No Criteria
ND - Not Detected
Sediment Contaminants of Concern

TABLE 6
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH APRIL 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN WILLETTS CREEK AND LAKE CAPRI SEDIMENT SAMPLES

Sample Location	NYSDEC Technical Guidance for Sediment Criteria		Lake Capri SED-3	Lake Capri SED-3	Lake Capri SED-3	Lake Capri SED-3	Lake Capri SED-3	Lake Capri SED-3	Lake Capri SED-3	Lake Capri SED-3
Sample ID			E0868-06A	F1194-03A	G2136-14	J0376-11A	K0911-03	L1949-11	AC75648-015	AC84282-008
Laboratory ID			6/21/06	8/23/07	11/14/08	3/4/10	5/22/11	9/17/12	11/8/13	4/11/15
Sample Date	Lowest Effect	Highest Effect	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	NC	690	2,010	5,860 *	3,490 E	5,890	1,580	6,000	6,600
Antimony	2.0	25	ND	0.35 B	0.63 BN	ND	ND	ND	ND	ND
Arsenic	6.0	33	0.31 B	3.1	4.2 B	2.4	5.7 *	2.3	ND	4.2
Barium	NC	NC	6.7	29.7	88.2 *E	23.1	65.1	10.2 B	62.0	ND
Beryllium	NC	NC	0.047 B	0.18 B	0.30 B	0.29 BE	0.50	0.037 B	ND	ND
Cadmium	0.6	9	1.5	27.7	1.7 N*E	22.3	16.1 *	14.1	53.0	64.0
Calcium	NC	NC	104	605	11,700 *	1,260 *	2,940 *	199	ND	ND
Chromium	26	110	1.5	7.9	9.6 E	13.7 *	9.1 *	3.7	21.0	ND
Cobalt	NC	NC	0.66 B	4.7	12.6 E	3.6	5.7 E	2.4 B	9.8	ND
Copper	16	110	2.7	16.7	32.4	32.5 *	10.9 *	8.5	57.0	70.0
Iron	20,000	20,000	920	5,730	10,900 E	3,770	6,240 *	1,830	9,100	9,200
Lead	31	110	9.2	44.2	34.0 N*E	85.9	46.0 N*	21.4	130	150
Magnesium	NC	NC	121	326	4,200 *E	527	675 *E	158	ND	ND
Manganese	460	1,100	89.8	568	908 *	357	1,090 *	132	1,600	370
Mercury	0.15	1.3	0.016 B	0.049 BN	0.074 B	0.11	0.061 B	0.032 B	ND	ND
Nickel	16	50	1.6 B	5.0 E	8.5 B	7.4 E	5.8 *	2.4 B	ND	ND
Potassium	NC	NC	115	168 E	1,010 *	173	254	68.7	ND	ND
Selenium	NC	NC	0.2 B	1.2 B	ND	ND	ND	ND	ND	ND
Silver	1.0	2.2	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	NC	NC	13.7 B	51.5 B	528	90.5	103	21.8 B	ND	ND
Thallium	NC	NC	0.33 B	ND	ND	1.7	1.1 B	0.36 B	ND	ND
Vanadium	NC	NC	1.8	9.5	36.4 E	12.5 E	10.7	3.3	ND	ND
Zinc	120	270	10.0	110	71.3 *E	106 *	73.5 *	44.7	220	250

Notes: B - Estimated value (greater than MDL but less than RL)
BOLD/Italics - exceeds lowest effects criterion
E - Replicate RPDs were not within QC limits
* - Percent recovery for duplicates were not within QC limits
N - Spike recoveries were not within QC limits

All values in mg/kg
NC - No Criteria
ND - Not Detected
Sediment Contaminants of Concern

TABLE 6
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH APRIL 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN WILLETTS CREEK AND LAKE CAPRI SEDIMENT SAMPLES

Sample Location Sample ID Laboratory ID Sample Date	NYSDEC Technical Guidance for Sediment Criteria		Lake Capri SED-4 E0868-08A 6/21/06 conc. Q	Lake Capri SED-4 F1194-05A 8/23/07 conc. Q	Lake Capri SED-4 G2136-16 11/14/08 conc. Q	Lake Capri SED-4 J0376-12A 3/4/10 conc. Q	Lake Capri SED-4 K0911-04 5/22/11 conc. Q	Lake Capri SED-4 L1949-12 9/17/12 conc. Q	Lake Capri SED-4 AC75648-016 11/8/13 conc. Q	Lake Capri SED-4 AC84282-009 4/11/15 conc. Q
Aluminum	NC	NC	2,730	3,290	1,790 *	2,170 E	5,850	11,700	13,000	4,800
Antimony	2.0	25	0.22 B	0.76 B	0.42 BN	0.3 B	ND	ND	ND	ND
Arsenic	6.0	33	3.4	4.0	3.9	1.9	4.4 *	6.2 B	ND	4.8
Barium	NC	NC	41.5	47.8	177 *E	18.7	64.8	103	110	66
Beryllium	NC	NC	0.2 B	0.22 B	0.13 B	0.19 BE	0.45 B	0.36 B	ND	ND
Cadmium	0.6	9	32.3	32.3	15.8 N*E	14.8	47.3 *	79.5	98.0	57.0
Calcium	NC	NC	588	1,240	8,090 *	758 *	2,560 *	3,200	ND	ND
Chromium	26	110	8.6	12.5	6.8 E	8.1 *	21.7 *	45.4	47.0	ND
Cobalt	NC	NC	4.9	10.0	7.0 E	3.1	9.5 E	13.3 B	ND	11
Copper	16	110	21.6	35.7	17.1	22.6 *	49.5 *	117	140	54
Iron	20,000	20,000	4,450	9,330	7,280 E	2,540	9,170 *	12,800	17,000	9,000
Lead	31	110	71.2	193	34.3 N*E	60.6	129 N*	297	310	110
Magnesium	NC	NC	352	519	653 *E	304	868 *E	1,650	ND	ND
Manganese	460	1,100	837	845	11,700 *	272	1,150 *	1,820	2,300	1,100
Mercury	0.15	1.3	0.096	0.059 BN	0.21	0.082	0.18	0.39	ND	ND
Nickel	16	50	6.0	10.7 E	6.3	4.8 E	13 *	25.3	ND	ND
Potassium	NC	NC	145	236 E	281 *	103	383	623	ND	ND
Selenium	NC	NC	0.76 B	1.9 B	3.3	ND	ND	4.6 B	ND	ND
Silver	1.0	2.2	ND	ND	1.1 B	ND	ND	ND	ND	ND
Sodium	NC	NC	35.4 B	87.0	131	56 B	145 B	312 B	ND	ND
Thallium	NC	NC	3.7	ND	2.8	1.6	1.7 B	4.6 B	ND	ND
Vanadium	NC	NC	9.2	16.9	7.4 E	7.2 E	26.6	41.2	ND	ND
Zinc	120	270	122	186	110 *E	71.3 *	232 *	323	330	250

Notes: B - Estimated value (greater than MDL but less than RL)
BOLD/Italics - exceeds lowest effects criterion
E - Replicate RPDs were not within QC limits
* - Percent recovery for duplicates were not within QC limits
N - Spike recoveries were not within QC limits

All values in mg/kg
NC - No Criteria
ND - Not Detected
Sediment Contaminants of Concern

TABLE 6
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH APRIL 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN WILLETTS CREEK AND LAKE CAPRI SEDIMENT SAMPLES

Sample Location Sample ID Laboratory ID Sample Date	NYSDEC Technical Guidance for Sediment Criteria		Willetts Creek SED-5 E0868-10A 6/21/06	Willetts Creek SED-5 F1193-17A 8/23/07	Willetts Creek SED-5 G2114-21 11/14/08	Willetts Creek SED-5 J0376-13A 3/4/10	Willetts Creek SED-5 K0911-05 5/22/11	Willetts Creek SED-5 L1949-13 9/18/12	Willetts Creek SED-5 AC75648-017 11/8/13	Willetts Creek SED-5 AC84282-010 4/11/15
	Lowest Effect	Highest Effect	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	NC	1,060	552	5,150	2,540 E	6,300	345	820	5,300
Antimony	2.0	25	0.074 B	0.27 B	1.1 BN	0.68 B	1.4 BN	ND	ND	ND
Arsenic	6.0	33	0.6 B	0.52 B	8.2	6.5	9.3 *	1.6	ND	11.0
Barium	NC	NC	12.1	13.6	96.6	84.6	114	15.1	ND	120
Beryllium	NC	NC	0.083 B	0.03 B	0.34 B	0.24 BE	0.57 B	0.010 B	ND	ND
Cadmium	0.6	9	0.43	1.6	52.0	28.8	73.5 *	1.7	7.1	62.0
Calcium	NC	NC	228	1,430	4,150	3,470 *	7,960 *	330	ND	4,300
Chromium	26	110	3.8	2.7	33.3	18.5 *	44.0 *	3.5	ND	35.0
Cobalt	NC	NC	1.2 B	1.1 B	7.8	7.4	13.3 E	1.1 B	ND	13.0
Copper	16	110	4.7	4.7	103	54.0 *	166 *	9.0	42.0	110
Iron	20,000	20,000	3,400	3,410	23,900	25,800	39,900 *	4,180	5,100	32,000
Lead	31	110	7.9	4.9	215 E	83.3	229 N*	9.4	37.0	190
Magnesium	NC	NC	604	864	1,370	701	1,370 *E	75.8	ND	ND
Manganese	460	1,100	174	291	2,140	3,750	1,210 *	417	610	3,500
Mercury	0.15	1.3	0.016 B	0.0055 B	0.48	0.26	0.37	0.023 B	ND	1.2
Nickel	16	50	1.6	1.0 B	19.2	8.0 E	22.5 *	1.9 B	ND	ND
Potassium	NC	NC	135	58.3	320	188	360	29.6 B	ND	ND
Selenium	NC	NC	0.28 B	0.56 B	ND	2.3 B	ND	0.87 B	ND	ND
Silver	1.0	2.2	ND	ND	ND	0.52 B	ND	0.084 B	ND	ND
Sodium	NC	NC	18.3 B	102	204	141	323	11.7 B	ND	ND
Thallium	NC	NC	0.56 B	ND	2.1 B	20.1	1.9 B	0.76 B	ND	ND
Vanadium	NC	NC	5.6	4.5	54.2	44.6 E	175	7.8	27.0	60.0
Zinc	120	270	13.2	26.2	290 E	171 *	440 *	24.2	78.0	360

Notes: B - Estimated value (greater than MDL but less than RL)
BOLD/Italics - exceeds lowest effects criterion
E - Replicate RPDs were not within QC limits
* - Percent recovery for duplicates were not within QC limits
N - Spike recoveries were not within QC limits

All values in mg/kg
NC - No Criteria
ND - Not Detected
Sediment Contaminants of Concern

TABLE 6
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH APRIL 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN WILLETTS CREEK AND LAKE CAPRI SEDIMENT SAMPLES

Sample Location	NYSDEC Technical Guidance for Sediment Criteria		Willetts Creek SED-6	Willetts Creek SED-6	Willetts Creek SED-6	Willetts Creek SED-6	Willetts Creek SED-6	Willetts Creek SED-6	Willetts Creek SED-6	Willetts Creek SED-6
Sample ID			E0868-12A	F1194-07A	G2114-17	J0376-14	K0911-06	L1949-14	AC75648-018	AC84282-011
Laboratory ID			6/21/06	8/23/07	11/14/08	3/4/10	5/22/11	9/18/12	11/8/13	4/11/15
Sample Date	Lowest Effect	Highest Effect	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	NC	1,030	775	7,700	802 E	1,370	574	1,000	810
Antimony	2.0	25	0.076	0.38 B	2.6 N	0.38 B	0.44 BN	ND	ND	ND
Arsenic	6.0	33	0.97	0.84 B	6.4	0.79	2.7 *	0.64 B	ND	0.56
Barium	NC	NC	7.4	4.7 B	89.7	3.6 B	10.4	2.7 B	ND	ND
Beryllium	NC	NC	0.094	0.049 B	0.36 B	0.069 BE	0.11 B	ND	ND	ND
Cadmium	0.6	9	0.23	0.31	101	0.31	ND	0.30	ND	ND
Calcium	NC	NC	4,760	599	7,690	2,450 *	4,670 *	299	ND	ND
Chromium	26	110	2.4	3.4	41.8	4.4 *	15.9 *	5.4	ND	ND
Cobalt	NC	NC	1.8	0.77 B	8.1	0.65 B	1.9 BE	0.50 B	3.3	ND
Copper	16	110	28.3	6.3	77.3	9.4 *	21.5 *	8.0	11.0	8.7
Iron	20,000	20,000	3,290	2,900	25,600	2,810	36,900 *	2,120	27,000	2,600
Lead	31	110	7.9	10.3	109 E	9.5	39.7 N*	8.7	88.0	7.2
Magnesium	NC	NC	2,930	468	1,980	1,410	1,290 *E	263	ND	ND
Manganese	460	1,100	102	30.4	978	21.3	118 *	16.2	610	18.0
Mercury	0.15	1.3	0.036 B	ND	0.15	ND	0.019 B	0.011 B	ND	ND
Nickel	16	50	1.8	1.9 BE	17.2	1.8 BE	10.1 *	2.0 B	ND	ND
Potassium	NC	NC	118	122 E	528	66.4	97.5	54.2 B	ND	ND
Selenium	NC	NC	ND	0.69 B	ND	ND	ND	ND	ND	ND
Silver	1.0	2.2	ND	ND	ND	ND	ND	0.080 B	ND	ND
Sodium	NC	NC	24.9 B	70.7	414	47.7	51.8	22.0 B	ND	ND
Thallium	NC	NC	0.25 B	0.36 B	0.98 B	ND	ND	ND	ND	ND
Vanadium	NC	NC	9.9	6.0	42.4	4.2 E	8.5	3.2	18.0	ND
Zinc	120	270	17.2	24.2	409 E	31.0 *	68.9 *	38.9	66.0	32.0

Notes: B - Estimated value (greater than MDL but less than RL)
BOLD/Italics - exceeds lowest effects criterion
E - Replicate RPDs were not within QC limits
* - Percent recovery for duplicates were not within QC limits
N - Spike recoveries were not within QC limits

All values in mg/kg
NC - No Criteria
ND - Not Detected
Sediment Contaminants of Concern

TABLE 6
DZUS FASTENERS SITE (1-52-033)
JUNE 2006 THROUGH APRIL 2015 SAMPLING EVENTS
SUMMARY OF TAL METALS IN WILLETTS CREEK AND LAKE CAPRI SEDIMENT SAMPLES

Sample Location	NYSDEC Technical Guidance for Sediment Criteria		Lake Capri Cove SC-1	Lake Capri Cove SC-2	Lake Capri Cove SC-3	Lake Capri Cove SC-4	Lake Capri Cove SC-5
Sample ID			AC84282-016	AC84282-017	AC84282-018	AC84282-019	AC84282-020
Laboratory ID							
Sample Date	Lowest Effect	Highest Effect	4/10/15	4/10/15	4/10/15	4/10/15	4/10/15
			conc. Q	conc. Q	conc. Q	conc. Q	conc. Q
Aluminum	NC	NC	NC	NC	NC	600	NC
Antimony	2.0	25	NC	NC	NC	ND	NC
Arsenic	6.0	33	NC	NC	NC	0.52	NC
Barium	NC	NC	NC	NC	NC	ND	NC
Beryllium	NC	NC	NC	NC	NC	ND	NC
Cadmium	0.6	9	12.0	0.82	ND	ND	1.4
Calcium	NC	NC	NC	NC	NC	ND	NC
Chromium	26	110	NC	NC	NC	ND	NC
Cobalt	NC	NC	NC	NC	NC	ND	NC
Copper	16	110	NC	NC	NC	ND	NC
Iron	20,000	20,000	NC	NC	NC	1,400	NC
Lead	31	110	NC	NC	NC	ND	NC
Magnesium	NC	NC	NC	NC	NC	ND	NC
Manganese	460	1,100	NC	NC	NC	61.0	NC
Mercury	0.15	1.3	NC	NC	NC	ND	NC
Nickel	16	50	NC	NC	NC	ND	NC
Potassium	NC	NC	NC	NC	NC	ND	NC
Selenium	NC	NC	NC	NC	NC	ND	NC
Silver	1.0	2.2	NC	NC	NC	ND	NC
Sodium	NC	NC	NC	NC	NC	ND	NC
Thallium	NC	NC	NC	NC	NC	ND	NC
Vanadium	NC	NC	NC	NC	NC	ND	NC
Zinc	120	270	NC	NC	NC	ND	NC

Notes: B - Estimated value (greater than MDL but less than RL)

BOLD/Italics - exceeds lowest effects criterion

E - Replicate RPDs were not within QC limits

* - Percent recovery for duplicates were not within QC limits

N - Spike recoveries were not within QC limits

All values in mg/kg

NC - No Criteria

ND - Not Detected

Sediment Contaminants of Concern

TABLE 7
DZUS FASTENERS SITE (1-52-033)
MARCH 2015 (ROUND 8) SAMPLING EVENT
GROUNDWATER FIELD DUPLICATE DATA SUMMARY

Sample Location Sample ID Laboratory ID Sample Date Filtered/Unfiltered Metal	MW-15B DMW-15B AC83807-003 3/17/15 Unfiltered conc. Q	MW-15B DMW-65B AC83807-005 3/17/15 Unfiltered conc. Q	Precision as Relative Percent Difference (RPD)	MW-15BF DMW-15BF AC83807-004 3/17/15 Filtered conc. Q	MW-15BF DMW-65BF AC83807-006 3/17/15 Filtered conc. Q	Precision as Relative Percent Difference (RPD)
Aluminum	ND	ND	NC	ND	ND	NC
Antimony	ND	ND	NC	ND	ND	NC
Arsenic	ND	ND	NC	ND	ND	NC
Barium	ND	ND	NC	ND	ND	NC
Beryllium	ND	ND	NC	ND	ND	NC
Cadmium	ND	ND	NC	ND	ND	NC
Calcium	9,900	11,000	10.5%	11,000	11,000	0.0%
Chromium	ND	ND	NC	ND	ND	NC
Cobalt	ND	ND	NC	ND	ND	NC
Copper	ND	ND	NC	ND	ND	NC
Iron	1,500	1,600	6.5%	ND	340	NC
Lead	11	ND	NC	ND	ND	NC
Magnesium	ND	ND	NC	ND	ND	NC
Manganese	94	63	39.5%	ND	45	NC
Mercury	ND	ND	NC	ND	ND	NC
Nickel	ND	ND	NC	ND	ND	NC
Potassium	ND	ND	NC	ND	ND	NC
Selenium	ND	ND	NC	ND	ND	NC
Silver	ND	ND	NC	ND	ND	NC
Sodium	32,000	33,000	3.1%	36,000	35,000	2.8%
Thallium	ND	ND	NC	ND	ND	NC
Vanadium	ND	ND	NC	ND	ND	NC
Zinc	ND	ND	NC	ND	ND	NC

Notes:

All values in µg/L

NC - Not Calculable (analyte not detected in one or both analyses)

ND - Not Detected

B - Estimated value (greater than MDL but less than RL)

E - Estimated concentration due to interference based on serial dilution.

BOLD/Italics - exceeds criterion

Sediment Contaminants of Concern

TABLE 8
DZUS FASTENERS SITE (1-52-033)
MARCH 2015 (ROUND 8) SAMPLING EVENT
SURFACE WATER FIELD DUPLICATE DATA SUMMARY

Sample Location Sample ID Laboratory ID Sample Date	Lake Capri Cove SC-4 AC84282-005 4/11/15	Lake Capri Cove RC-1 SW AC84282-024 4/11/15	Precision as Relative Percent Difference (RPD)
Metal	conc. Q	conc. Q	
Aluminum	ND	320	NC
Antimony	ND	ND	NC
Arsenic	ND	ND	NC
Barium	ND	ND	NC
Beryllium	ND	ND	NC
Cadmium	ND	ND	NC
Calcium	15,000	13,000	14.3%
Chromium	ND	ND	NC
Cobalt	ND	3.9	NC
Copper	ND	ND	NC
Iron	ND	600	NC
Lead	ND	3.2	NC
Magnesium	ND	ND	NC
Manganese	640	700	9.0%
Mercury	ND	ND	NC
Nickel	ND	ND	NC
Potassium	ND	ND	NC
Selenium	ND	ND	NC
Silver	ND	ND	NC
Sodium	23,000	18,000	24.4%
Thallium	ND	ND	NC
Vanadium	ND	ND	NC
Zinc	ND	ND	NC

All values in µg/L

NC - Not Calculable (analyte not detected in one or both analyses)

ND - Not Detected

B - Estimated value (greater than MDL but less than RL)

E - Estimated concentration due to interference based on serial dilution.

BOLD/Italics - exceeds criterion

Sediment Contaminants of Concern

TABLE 9
DZUS FASTENERS SITE (1-52-033)
MARCH 2015 (ROUND 8) SAMPLING EVENT
SEDIMENT FIELD DUPLICATE DATA SUMMARY

Sample Location Field Sample ID Laboratory ID Sample Date	Lake Capri Cove SC-4 SED AC84282-019 4/10/15 conc. Q	Lake Capri Cove FQ-1 SED AC84282-021 4/11/15 conc. Q	Precision as Relative Percent Difference (RPD)
Metal			
Aluminum	600	910	41.1%
Antimony	ND	ND	NC
Arsenic	0.52	0.9	52.5%
Barium	ND	ND	NC
Beryllium	ND	ND	NC
Cadmium	ND	0.83	NC
Calcium	ND	ND	NC
Chromium	ND	ND	NC
Cobalt	ND	ND	NC
Copper	ND	ND	NC
Iron	1,400	2,400	52.6%
Lead	ND	ND	NC
Magnesium	ND	ND	NC
Manganese	61	120	65.2%
Mercury	ND	ND	NC
Nickel	ND	ND	NC
Potassium	ND	ND	NC
Selenium	ND	ND	NC
Silver	ND	ND	NC
Sodium	ND	ND	NC
Thallium	ND	ND	NC
Vanadium	ND	17.0	NC
Zinc	ND	ND	NC

All values in mg/kg dry weight.

NC - Not Calculable (analyte not detected in one or both analyses)

ND - Not Detected

B - Estimated value (greater than MDL but less than RL)

E - Estimated concentration due to interference based on serial dilution

N - Laboratory spike recovery outside control limit

* - Laboratory Replicate RPDs were not within QC limits

BOLD/Italics - exceeds criterion

Sediment Contaminants of Concern

Figures



USGS NY Bay Shore West
Quadrangle

U.S.G.S. 1:24 000 SCALE
TOPOGRAPHIC MAP

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National Geographic Society
i-cubed

Prepared by:

AECOM

Prepared for:



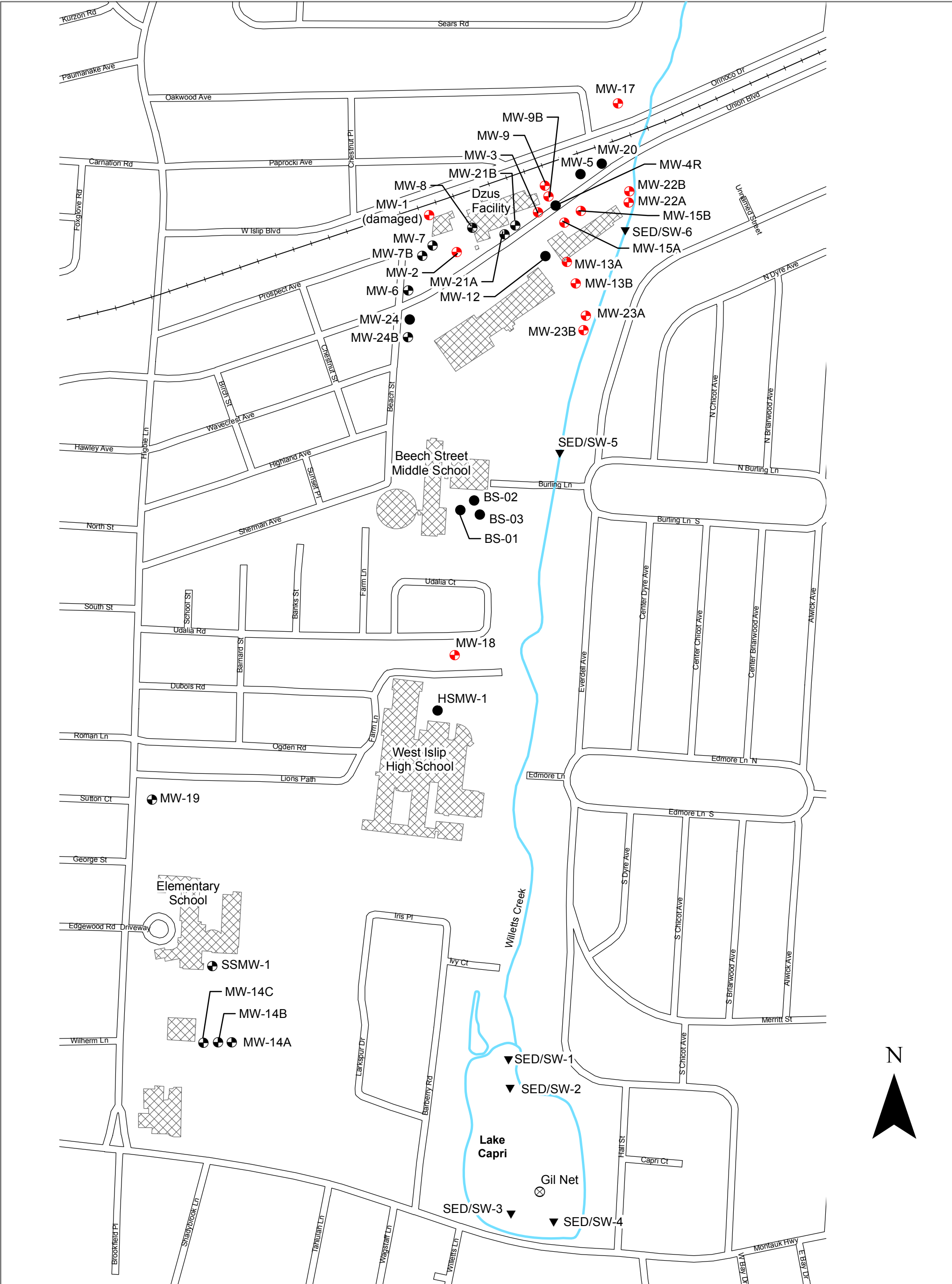
Multi Site G
Operation, Maintenance & Monitoring

Site Location
Dzus Fasteners Site

Date:
January 2013

Scale:
1 inch = 2,500 feet

Figure No. :
1



Legend

- EXISTING WELLS INCLUDED IN LTM
- EXISTING MONITORING WELLS
- MISSING MONITORING WELLS
- SURFACE WATER AND SEDIMENT SAMPLE LOCATION
- GIL NET



Prepared by:



SUBMITTED BY:

PK

DRAWN BY:

CF

APPROVED BY:

PK

MULTI SITE G - Dzus Fasteners
SITE NO. 1-52-033

SITE PLAN

DATE:

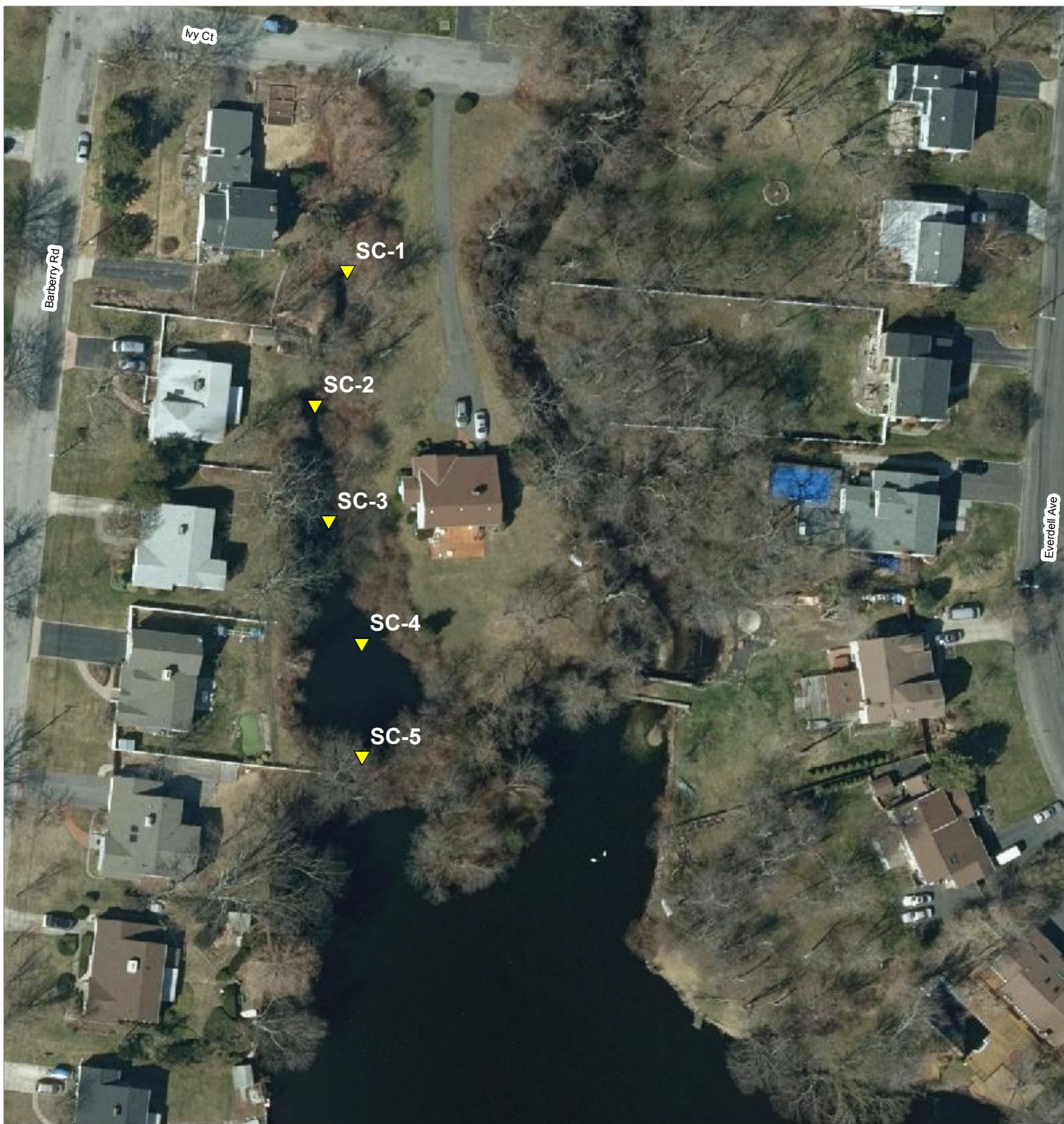
JULY 2015

SCALE:

1" = 400 feet

DRAWING NO.:


2



Legend



Cove Sampling Locations

0 25 50 100
 Feet

N



Sources:

Aerials from 2013 Half Foot 4 Band Long Island Zone
 New York Statewide Digital Orthoimagery Program

Prepared by:

AECOM

SUBMITTED BY:

PK

DRAWN BY:

CF

APPROVED BY:

PK

**MULTI SITE G - Dzus Fasteners
 SITE NO. 1-52-033**

LAKE CAPRI COVE SAMPLE LOCATIONS

DATE:

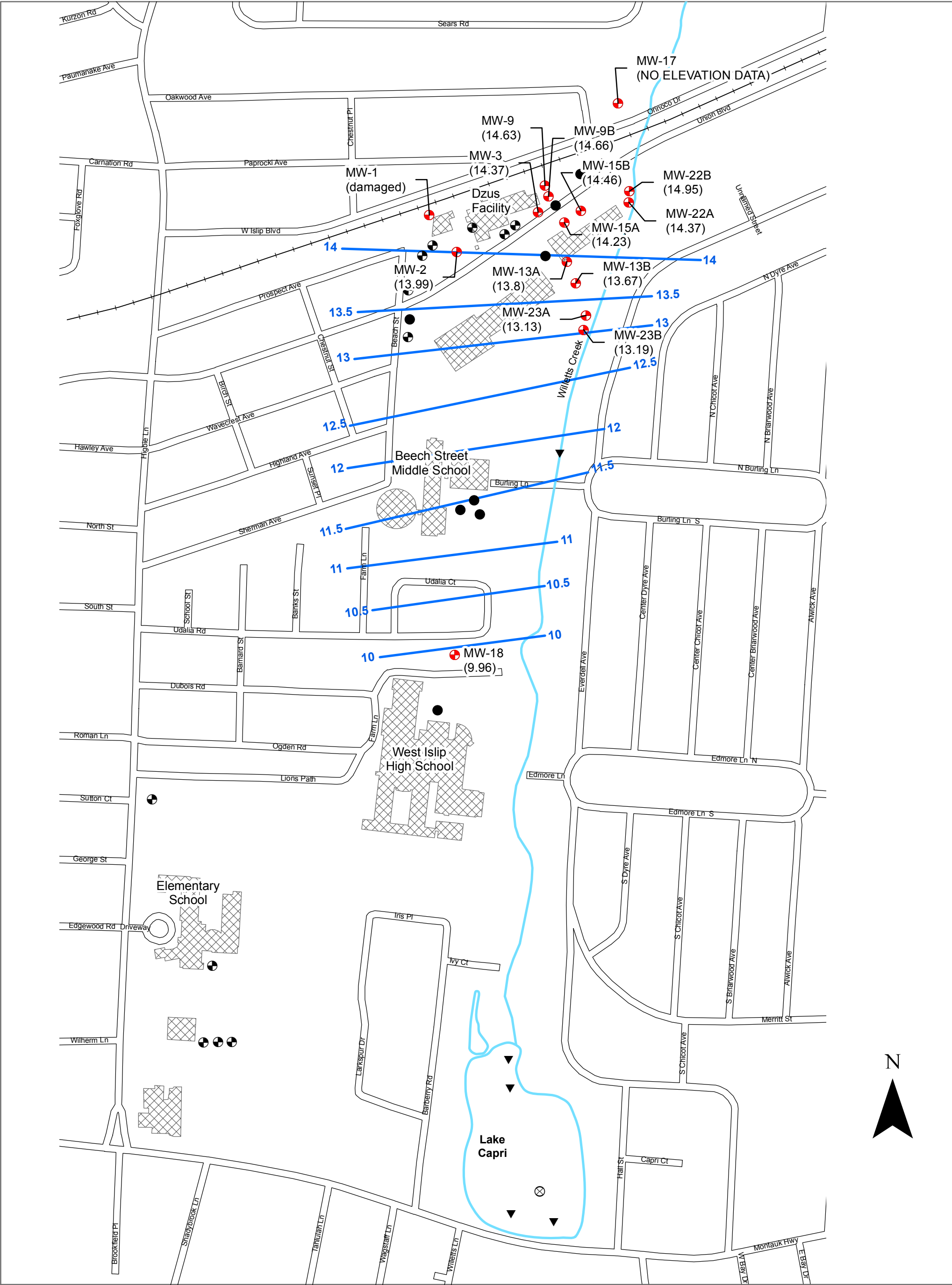
JULY 2015

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1" = 75 feet

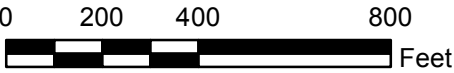
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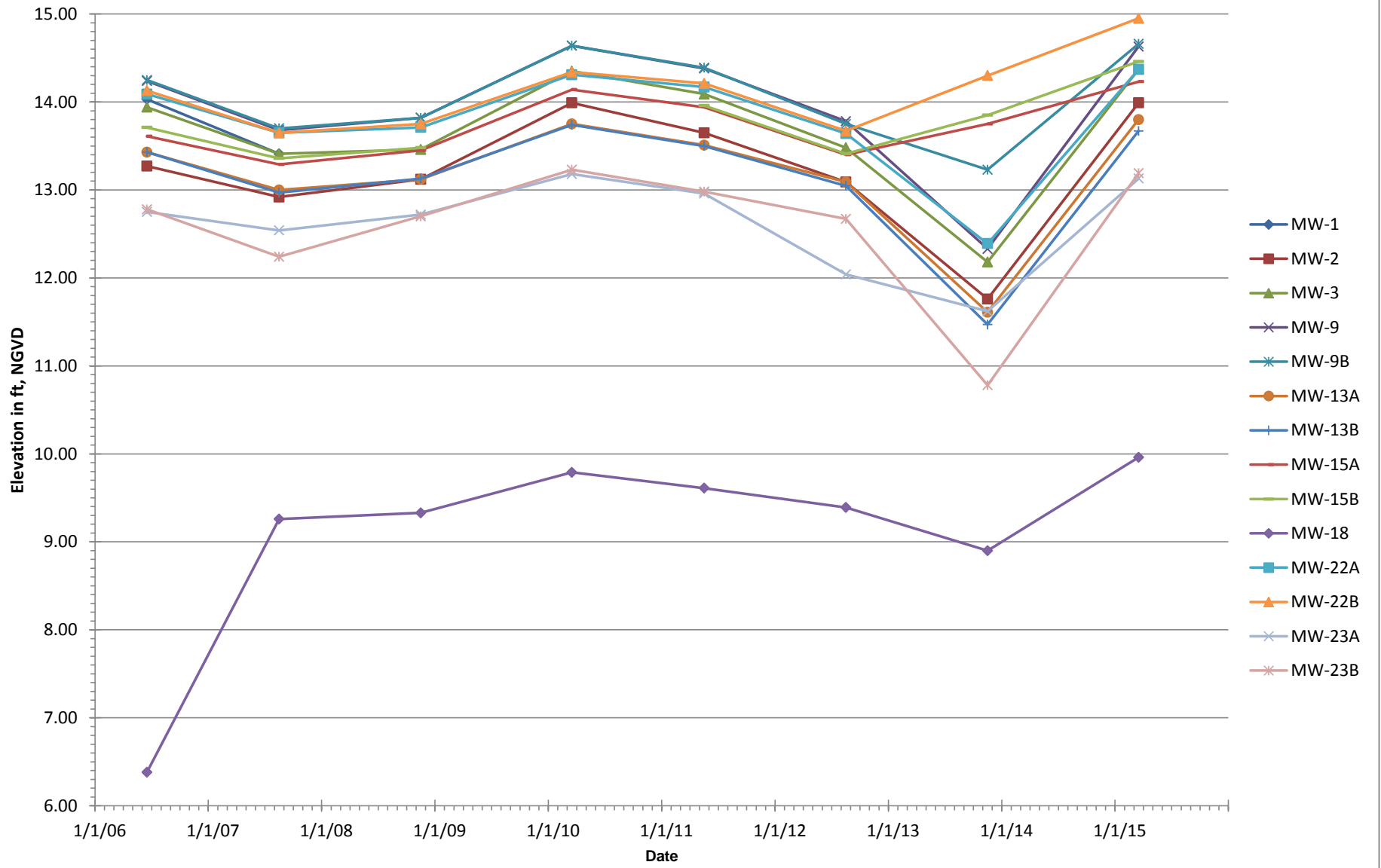
Legend

- GROUNDWATER CONTOUR INTERVAL - 0.5 ft
- GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (9.96)
- EXISTING WELLS INCLUDED IN LTM
- EXISTING MONITORING WELLS
- MISSING MONITORING WELLS
- SURFACE WATER AND SEDIMENT SAMPLE LOCATION

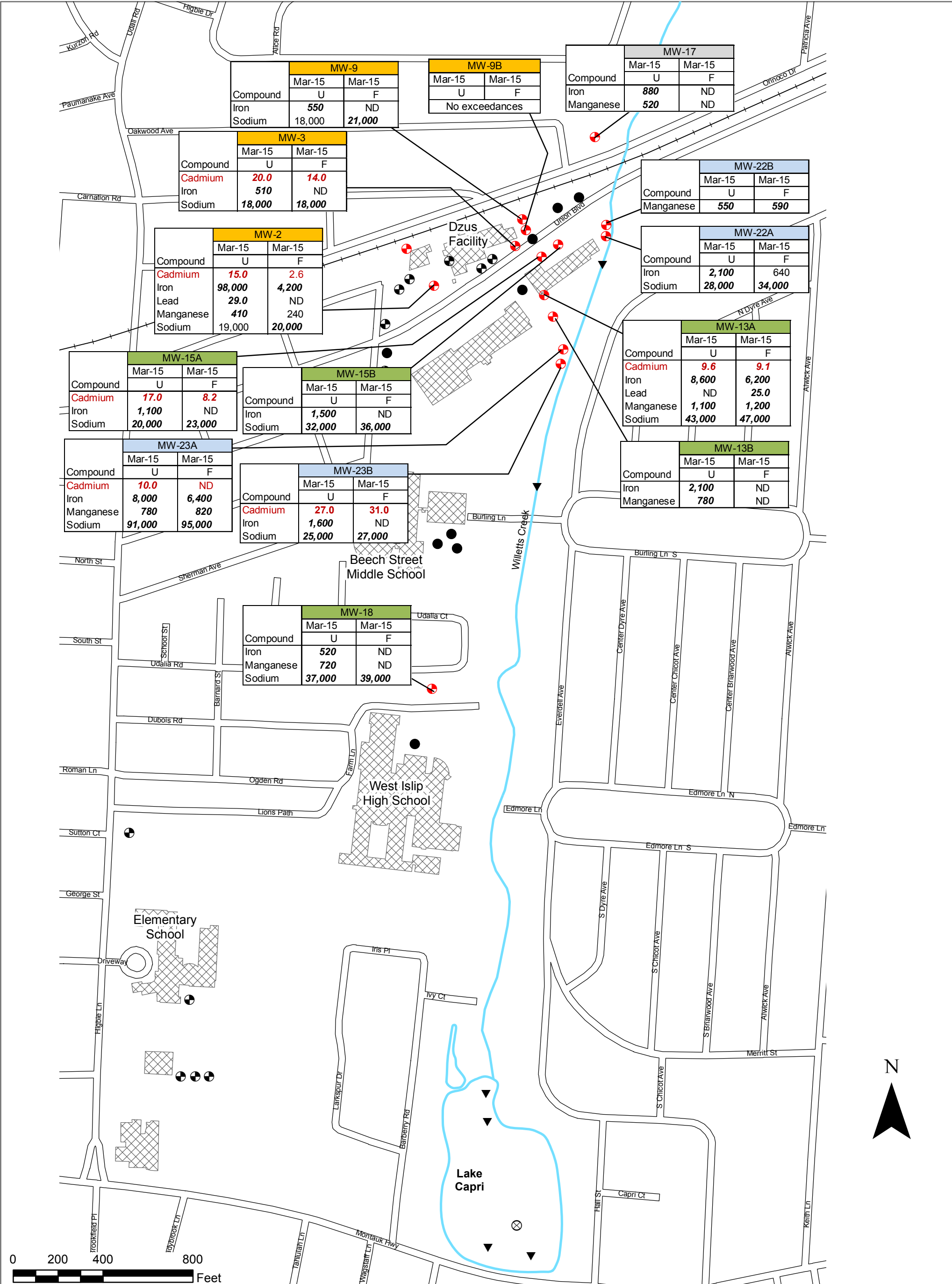


Prepared by:			
<div>AECOM</div>			
SUBMITTED BY:		<div>MULTI SITE G - Dzus Fasteners</div> <div>SITE NO. 1-52-033</div> <div>GROUNDWATER</div> <div>CONTOUR MAP</div> <div>MARCH 2015</div>	
PK			
DRAWN BY:			
CF			
APPROVED BY:		DATE:	SCALE:
PK		JULY 2015	1" = 400 feet
			DRAWING NO.: 3

Figure 3A
Dzus Fasteners (1-52-077)
Groundwater Hydrograph



MW-1 was destroyed in December 2007



Legend

- EXISTING WELLS INCLUDED IN LTM
- EXISTING MONITORING WELLS
- MISSING MONITORING WELLS
- SURFACE WATER/SEDIMENT SAMPLE LOCATION
- UPGRADIENT WELLS
- SOURCE AREA WELLS
- DOWNGRAIDENT WELLS
- WILLETTS CREEK WELLS

Compound	NYSDEC Criteria
Cadmium	5
Chromium	50
Iron	300
Manganese	300
Sodium	20,000
U - Unfiltered sample	
F - Filtered sample	

Notes:
Contaminants of Concern
All values in µg/L
BOLD/Italics exceeds criterion

Prepared by:



SUBMITTED BY:

PK

DRAWN BY:

CF

APPROVED BY:

PK

MULTI SITE G - Dzus Fasteners
SITE NO. 1-52-033

SUMMARY OF TAL METALS
IN GROUNDWATER
MARCH 2015

DATE:

SEPT 2015

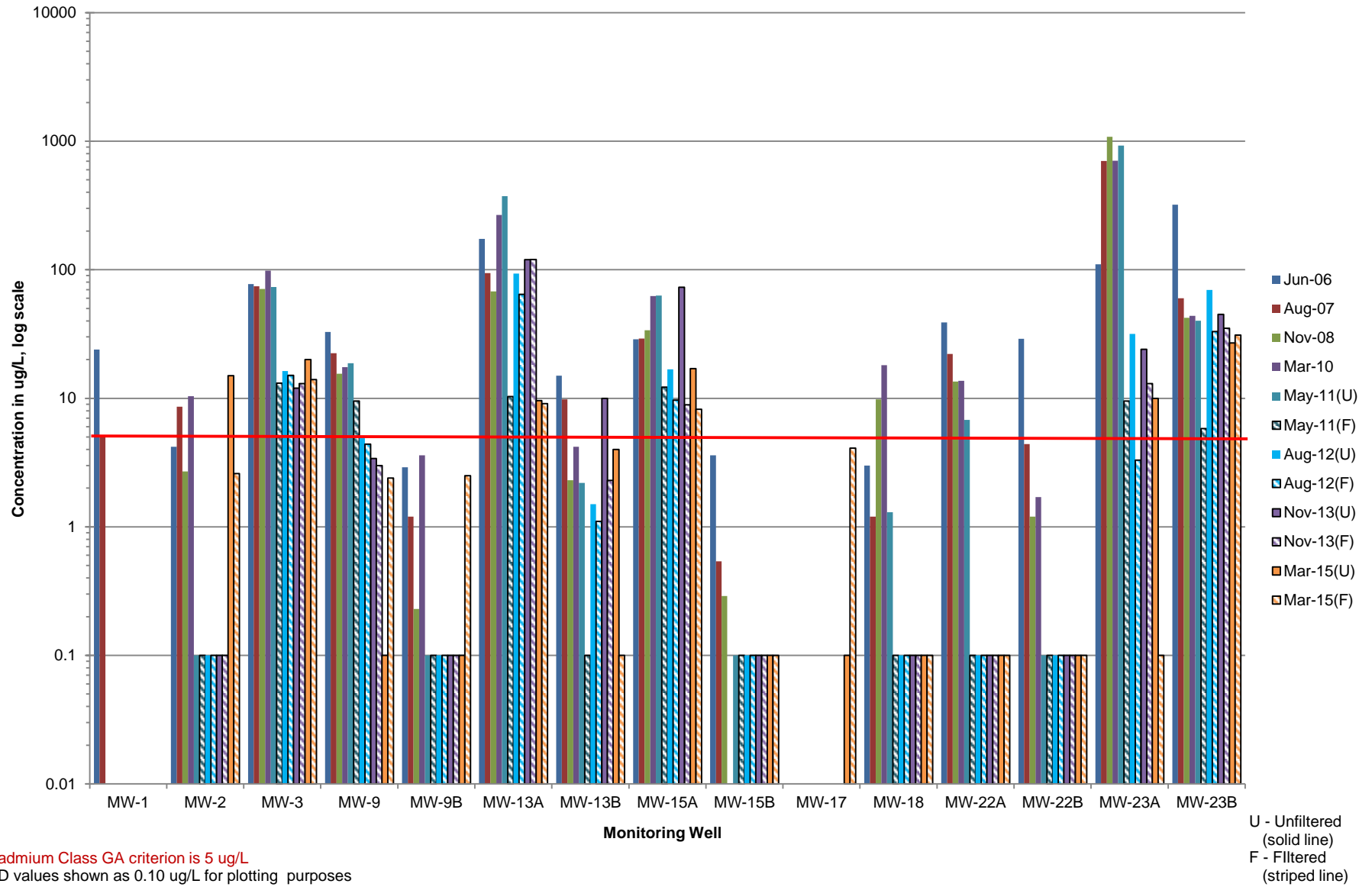
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1" = 400 feet

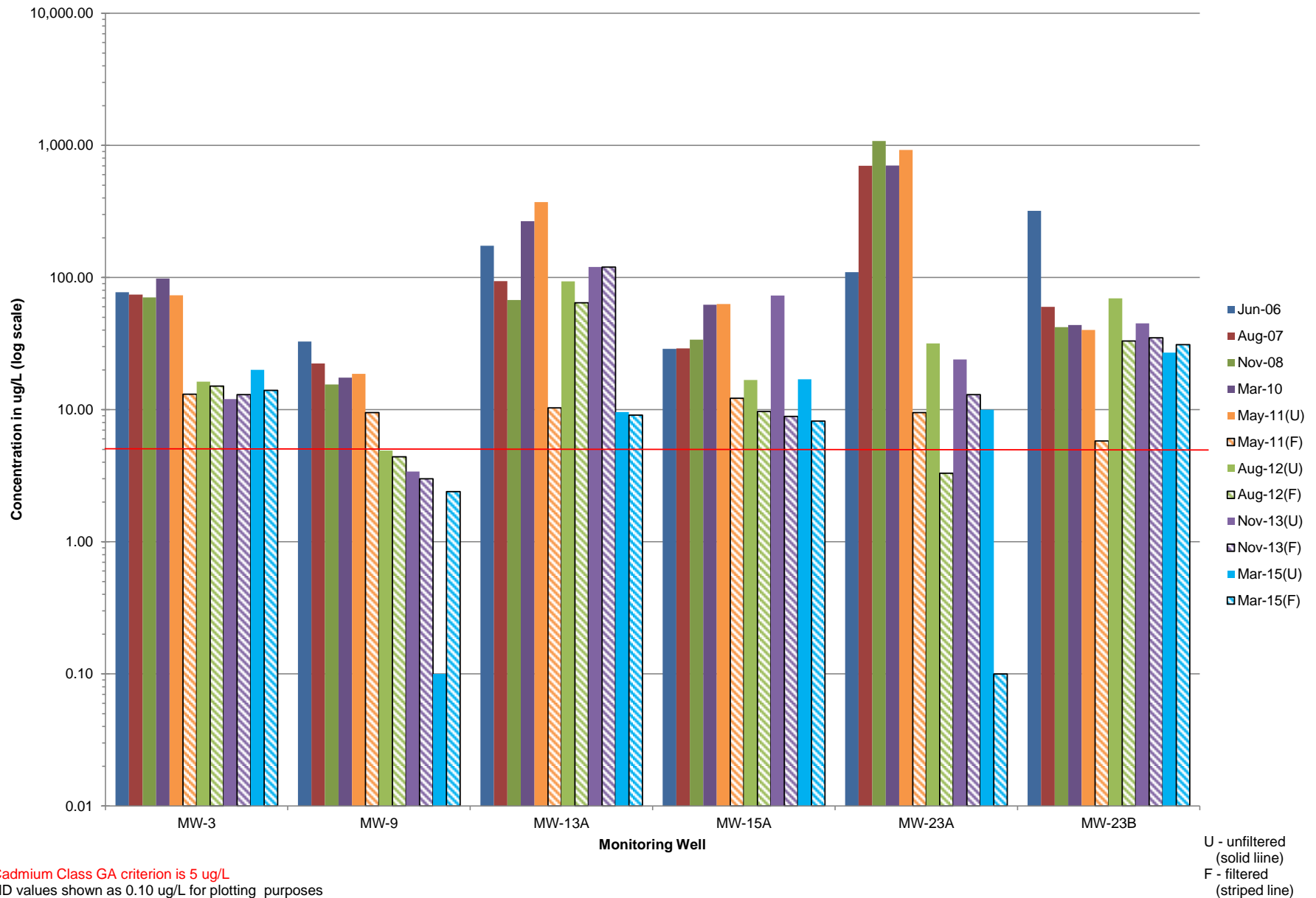
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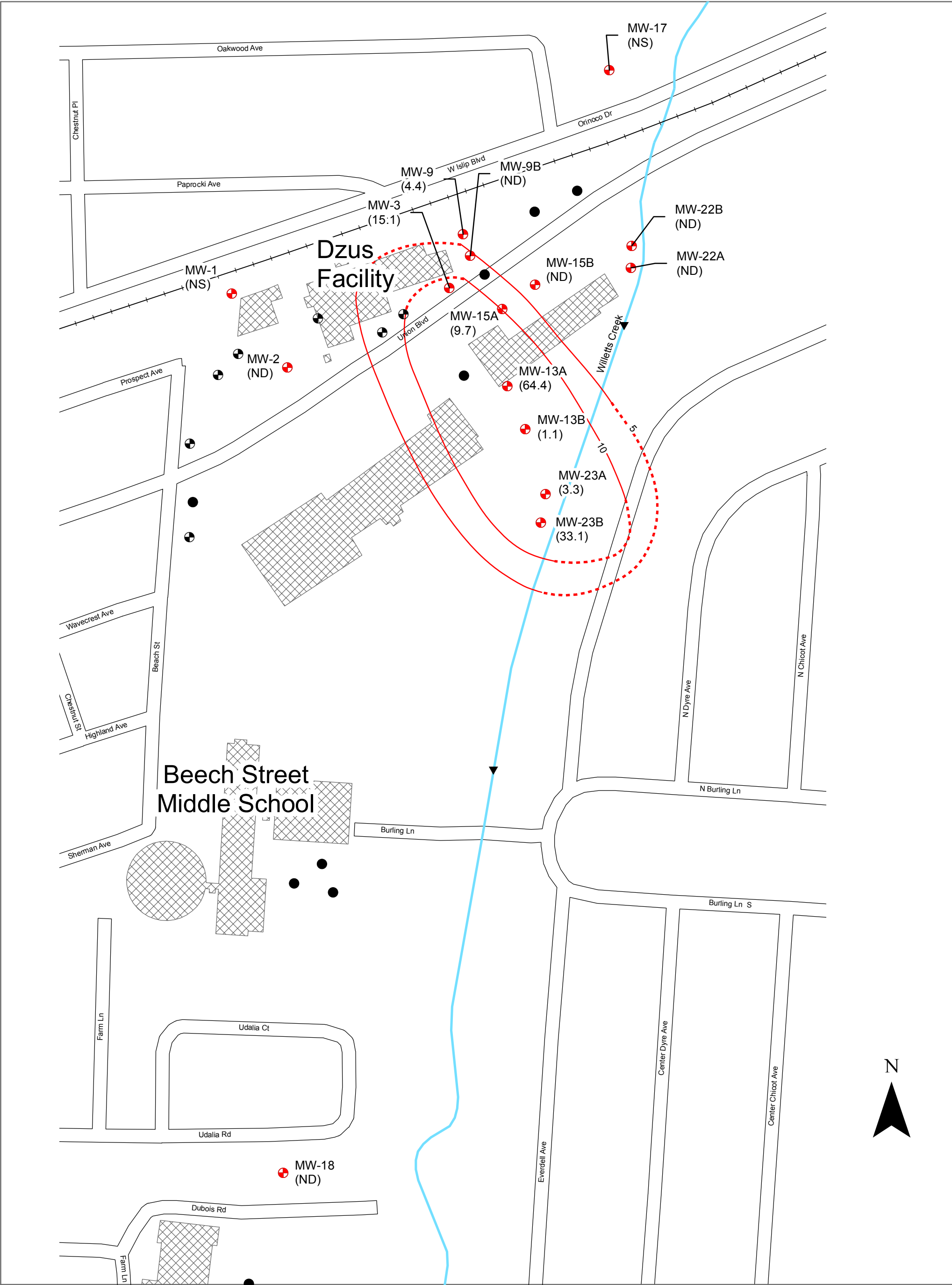
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FIGURE 5
CADMIUM CONCENTRATIONS IN LONG TERM MONITORING WELLS
DZUS FASTRENERS SITE (1-52-033)



**FIGURE 5A
CADMIUM CONCENTRATIONS IN SELECTED MONITORING WELLS
DZUS FASTENERS SITE (1-52-033)**





Legend

- +

 EXISTING WELLS INCLUDED IN LTM
- ⊕

 EXISTING MONITORING WELLS
- MISSING MONITORING WELLS
- ▼

 SURFACE WATER AND SEDIMENT SAMPLE LOCATION
- NS

 Not Sampled
- ND


 Not Detected
- (13.0)

 FILTERED CADMIUM CONCENTRATION IN ug/L
- CADMIUM ISOCONCENTRATION LINE. CONTOUR INTERVAL IS 5ug/L. DASHED WHERE INFERRED

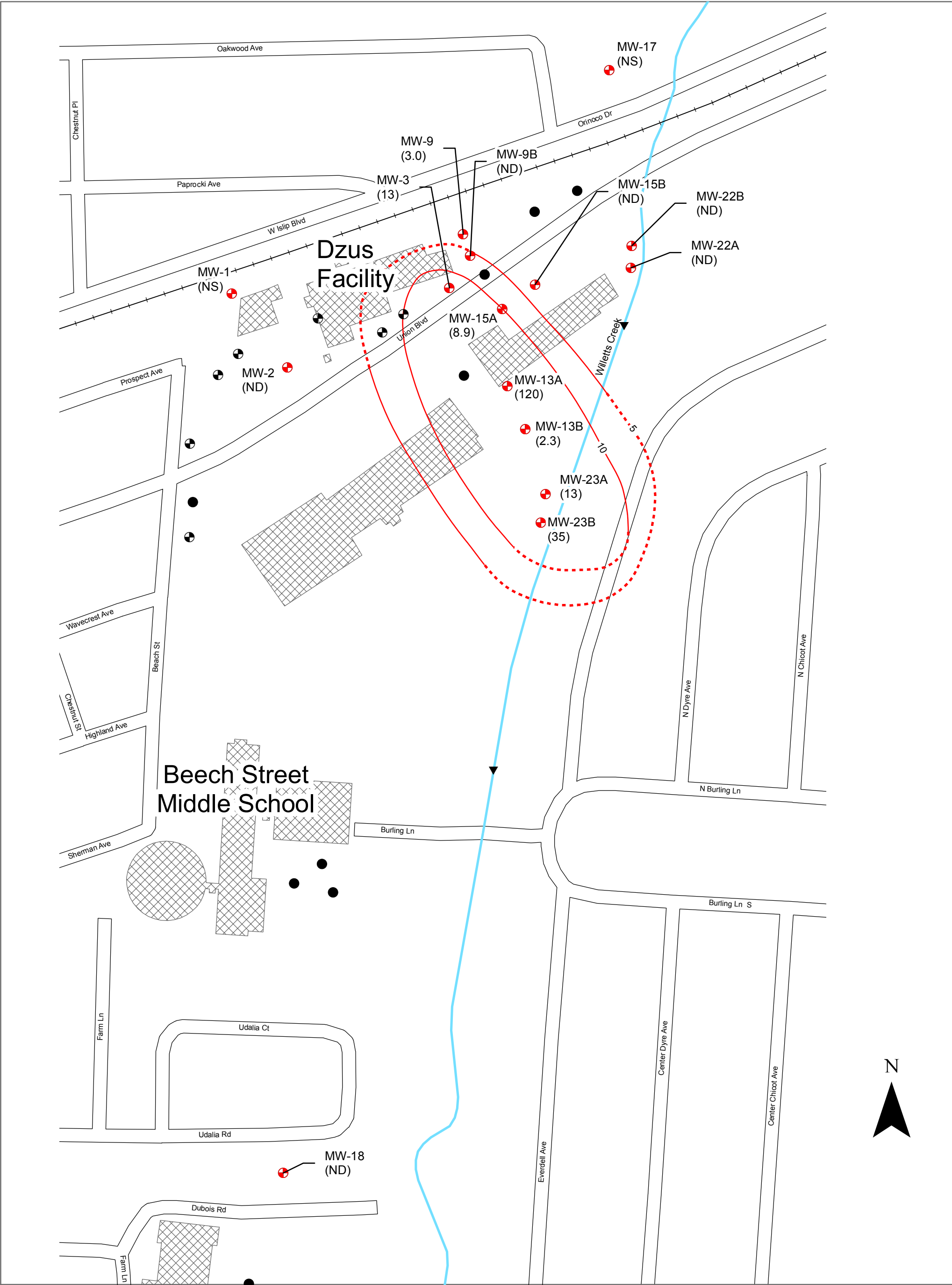
00200400

Feet

Prepared by:

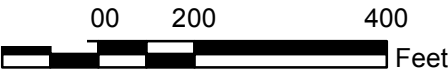


SUBMITTED BY:		<div>MULTI SITE G - Dzus Fasteners</div> <div>SITE NO. 1-52-033</div> <div>FILTERED CADMIUM</div> <div>ISOCONCENTRATION MAP</div> <div>AUGUST 2012</div>	
PK			
DRAWN BY:			
CF			
APPROVED BY:		DATE:	SCALE:
PK		JULY 2015	1" = 200 feet
DRAWING NO.:			6




Legend

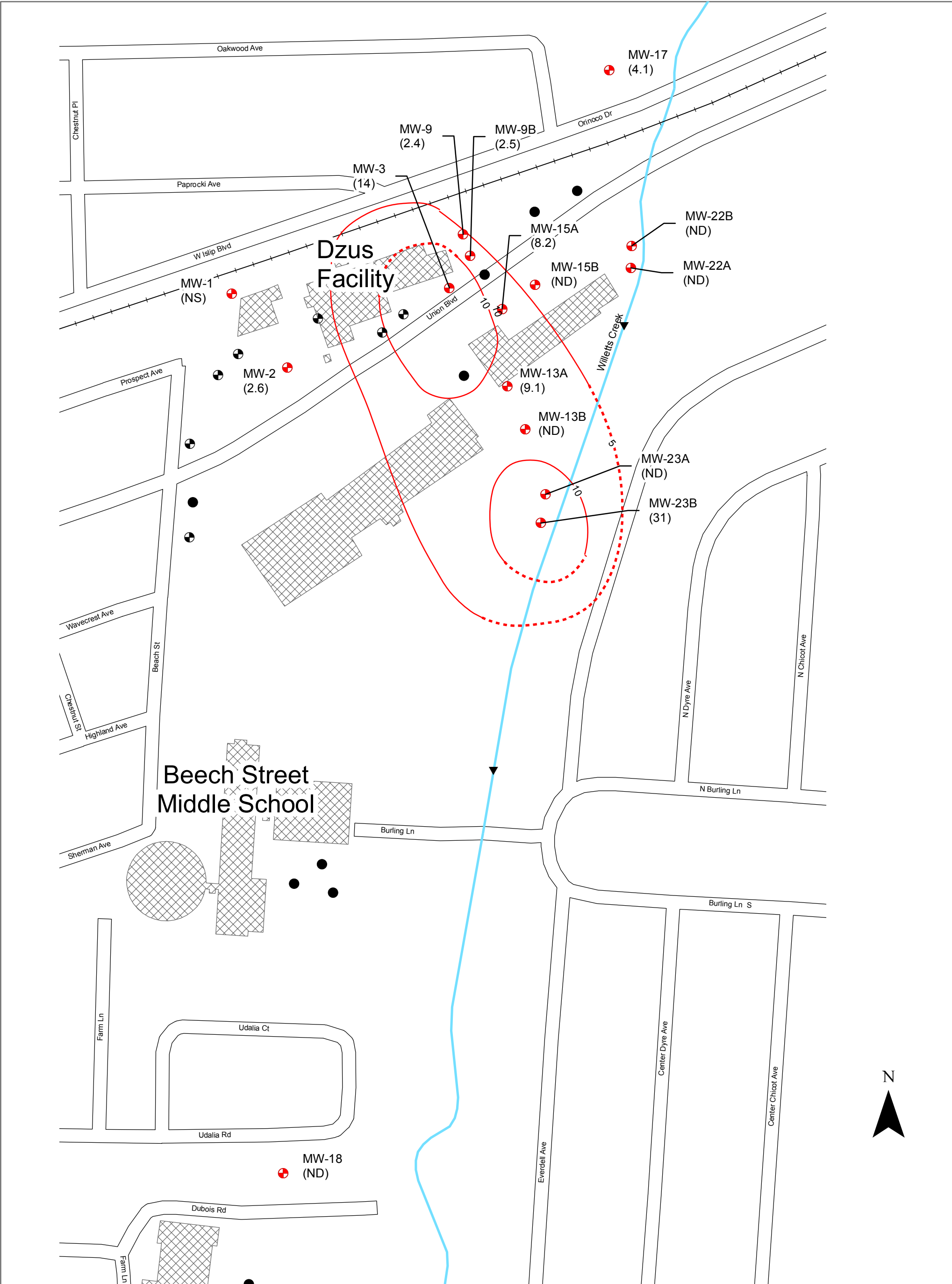
- EXISTING WELLS INCLUDED IN LTM
- EXISTING MONITORING WELLS
- MISSING MONITORING WELLS
- SURFACE WATER AND SEDIMENT SAMPLE LOCATION
- NSNot Sampled
- NDNot Detected
- (13.0) FILTERED CADMIUM CONCENTRATION IN ug/L
- CADMIUM ISOCONCENTRATION LINE. CONTOUR INTERVAL IS 5ug/L. DASHED WHERE INFERRED



Prepared by:

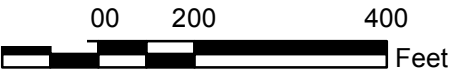


SUBMITTED BY:		<div>MULTI SITE G - Dzus Fasteners</div> <div>SITE NO. 1-52-033</div> <div>FILTERED CADMIUM</div> <div>ISOCONCENTRATION MAP</div> <div>NOVEMBER 2013</div>	
PK			
DRAWN BY:			
CF			
APPROVED BY:			
PK		DATE: JULY 2015	SCALE: 1 " = 200 feet
		DRAWING NO.: 6A	




Legend

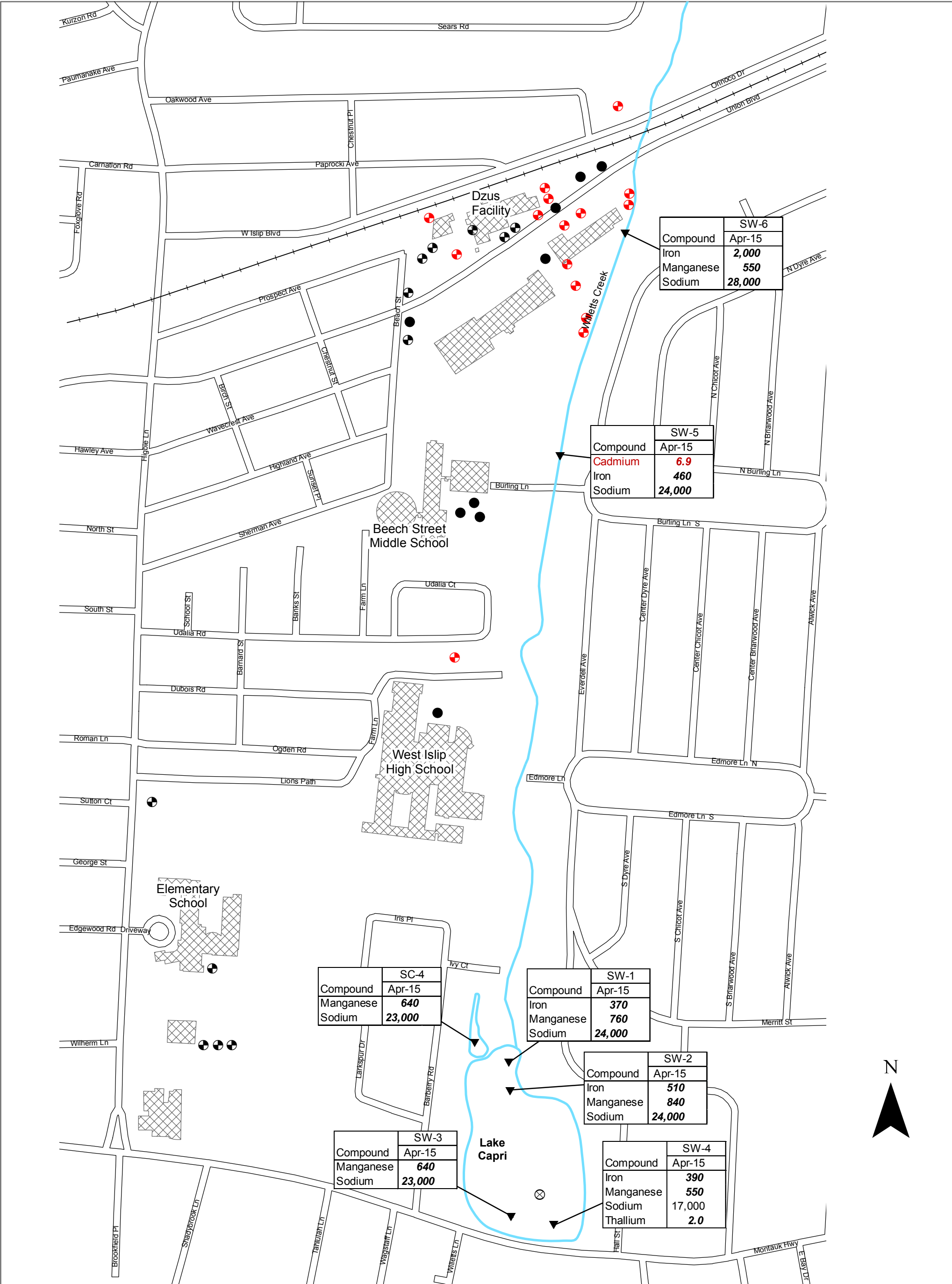
- EXISTING WELLS INCLUDED IN LTM
- EXISTING MONITORING WELLS
- MISSING MONITORING WELLS
- SURFACE WATER AND SEDIMENT SAMPLE LOCATION
- NSNot Sampled
- NDNot Detected
- (13.0) FILTERED CADMIUM CONCENTRATION IN ug/L
- CADMIUM ISOCONCENTRATION LINE. CONTOUR INTERVAL IS 5ug/L. DASHED WHERE INFERRED



Prepared by:

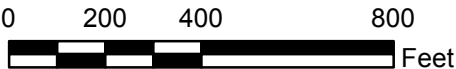


SUBMITTED BY:		<div>MULTI SITE G - Dzus Fasteners</div> <div>SITE NO. 1-52-033</div> <div>FILTERED CADMIUM</div> <div>ISOCONCENTRATION MAP</div> <div>MARCH 2015</div>	
PK			
DRAWN BY:			
CF			
APPROVED BY:			
PK		DATE: <div>JULY 2015</div>	SCALE: <div>1 " = 200 feet</div>
		DRAWING NO.: <div>6B</div>	



Legend

- EXISTING WELLS INCLUDED IN LTM
- EXISTING MONITORING WELLS
- MISSING MONITORING WELLS
- SURFACE WATER AND SEDIMENT SAMPLE LOCATION



Compound	Surface Water Criteria
Cadmium	5
Iron	300
Manganese	300
Sodium	20,000
Thallium	0.5

Notes:
Contaminants of Concern
All values in mg/L
BOLD/Italics exceeds criterion

Prepared by:

AECOM

SUBMITTED BY:

PK

DRAWN BY:

CF

APPROVED BY:

PK

MULTI SITE G - Dzus Fasteners
SITE NO. 1-52-033

SUMMARY OF TAL METALS
IN SURFACE WATER
APRIL 2015

DATE:

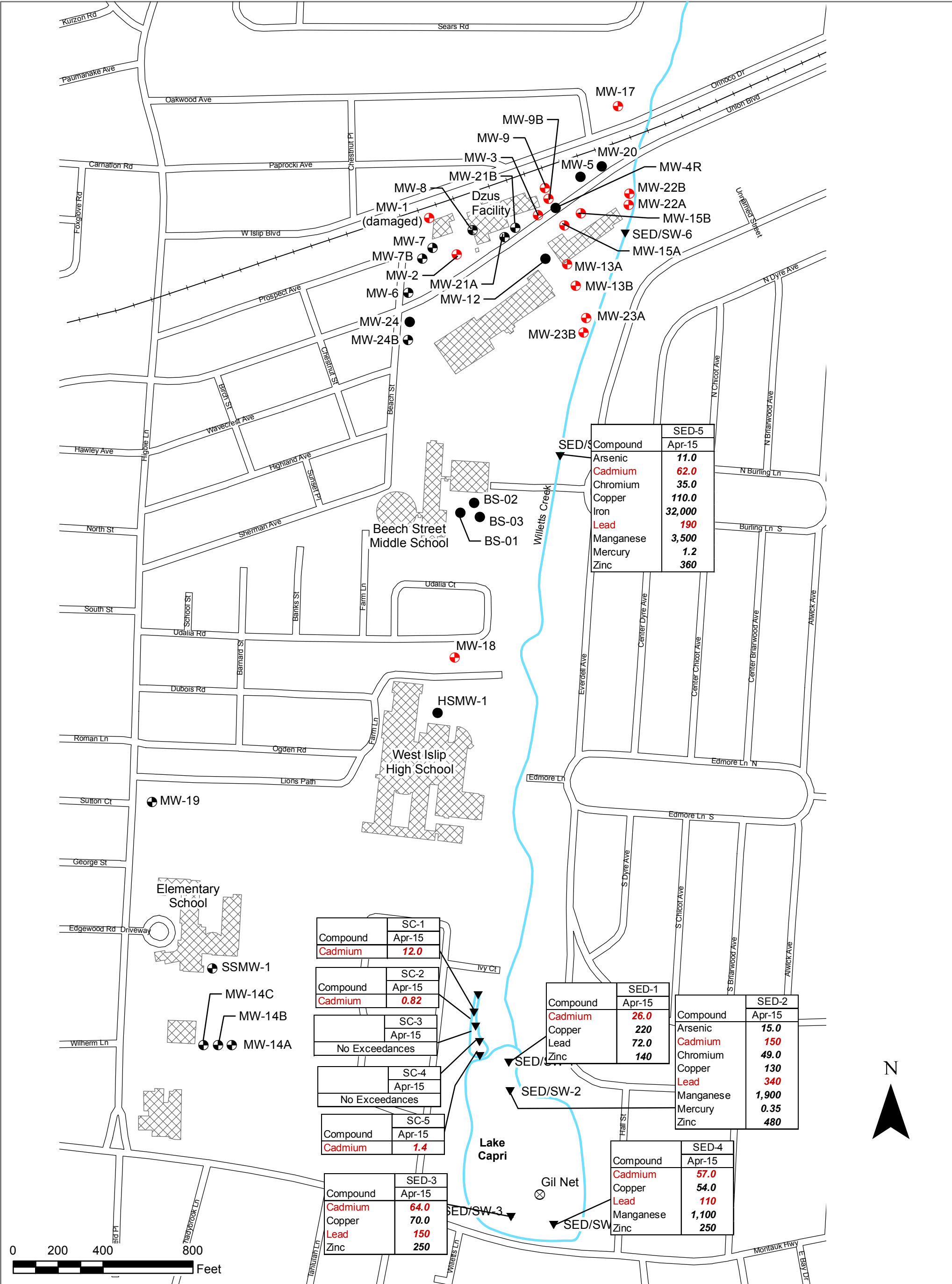
SEPT 2015

SCALE:

1" = 400 feet

DRAWING NO.:

7



Legend

- EXISTING WELLS INCLUDED IN LTM
- EXISTING MONITORING WELLS
- MISSING MONITORING WELLS
- SURFACE WATER AND SEDIMENT SAMPLE LOCATION

Notes:
All values in mg/kg
BOLD/Italics exceeds criterion

Compound	NYSDEC Sediment Criteria	
	Lowest Effect	Highest Effect
Arsenic	6.0	33
Cadmium	0.6	9
Chromium	26	110
Copper	16	110
Iron	20,000	20,000
Lead	31	110
Manganese	460	1,100
Mercury	0.15	1.3
Zinc	120	270

Contaminants of Concern

Prepared by:
AECOM

SUBMITTED BY:
PK

DRAWN BY:
CF

APPROVED BY:
PK

MULTI SITE G - Dzus Fasteners
SITE NO. 1-52-033

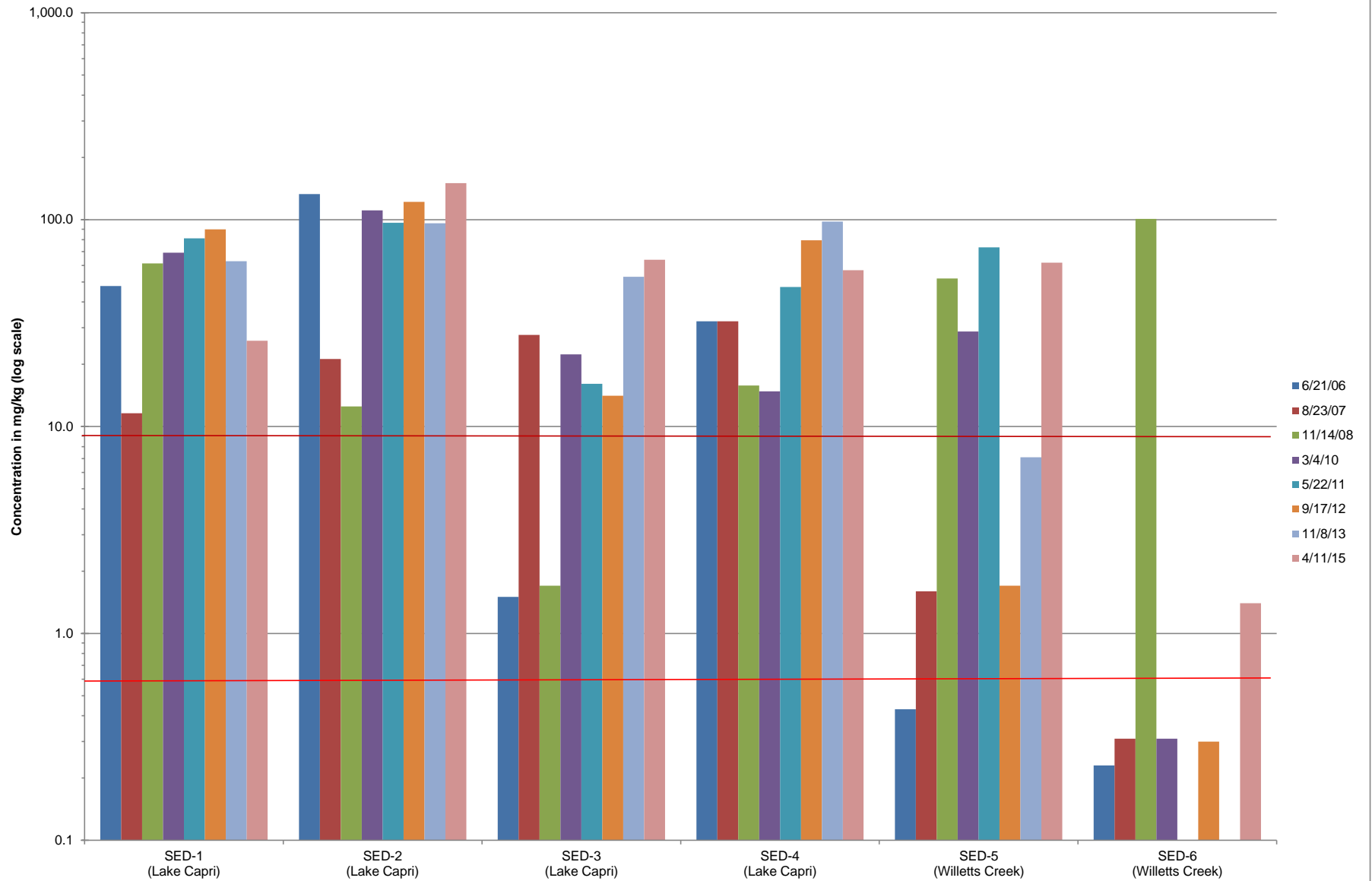
SUMMARY OF TAL METALS
IN SEDIMENT
APRIL 2015

DATE:
SEPT 2015

SCALE:
1" = 400 feet

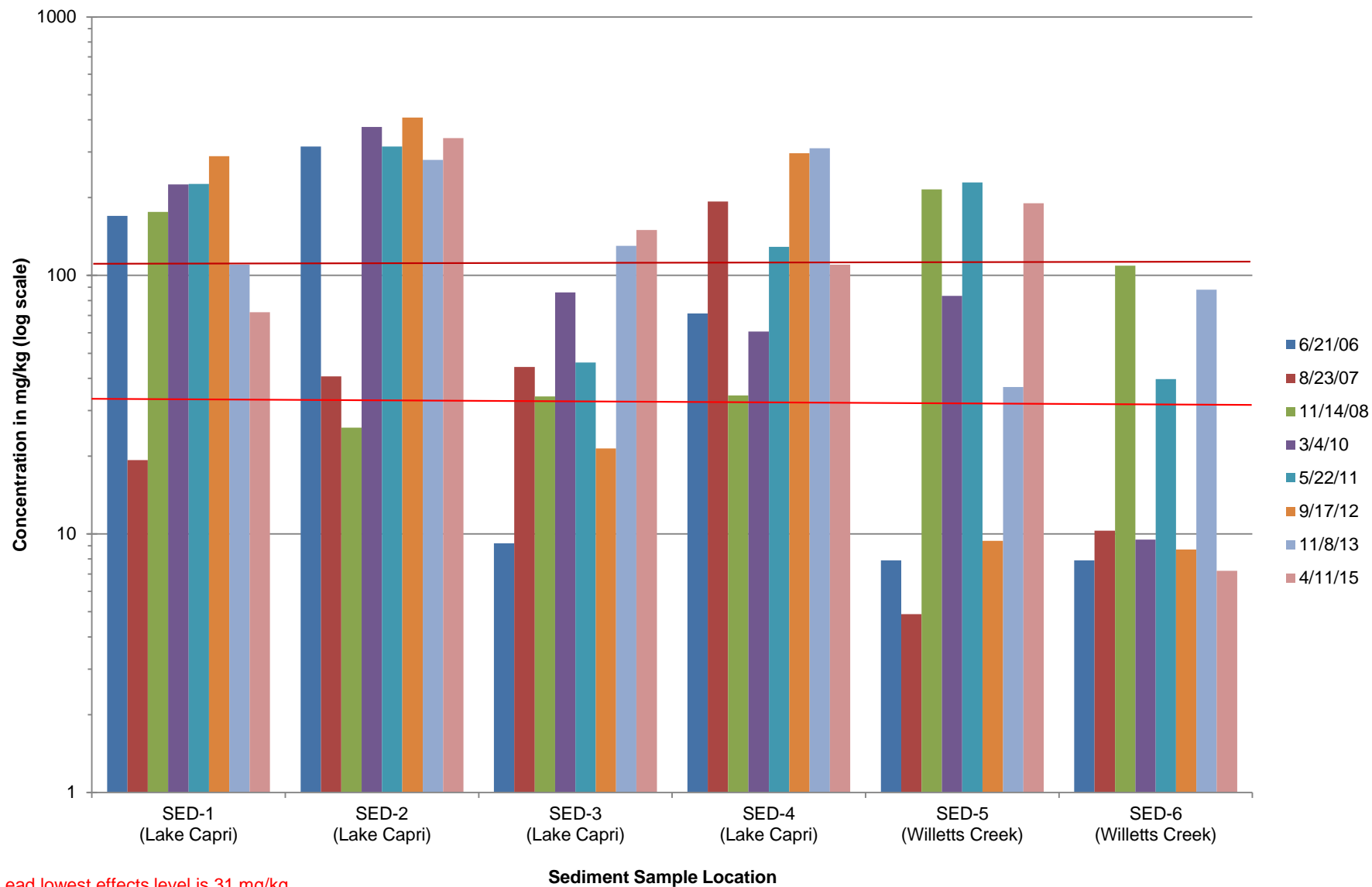
DRAWING NO.:
8

FIGURE 9
CADMIUM CONCENTRATIONS IN LAKE CAPRI AND WILLETTS CREEK SEDIMENT SAMPLES
DZUS FASTENERS SITE (1-52-033)



Cadmium Lowest effects level is 0.6 mg/kg
 Highest effects level is 9 mg/kg (ROD cleanup criteria)

FIGURE 10
LEAD CONCENTRATIONS IN LAKE CAPRI & WILLETTS CREEK SEDIMENT SAMPLES
DZUS FASTENERS SITE (1-52-033)



Lead lowest effects level is 31 mg/kg
Lead highest effects level is 110 mg/kg

FIGURE 11
ARSENIC CONCENTRATIONS IN WILLETTS CREEK AND LAKE CAPRI SEDIMENT SAMPLES
DZUS FASTENERS SITE (1-52-033)

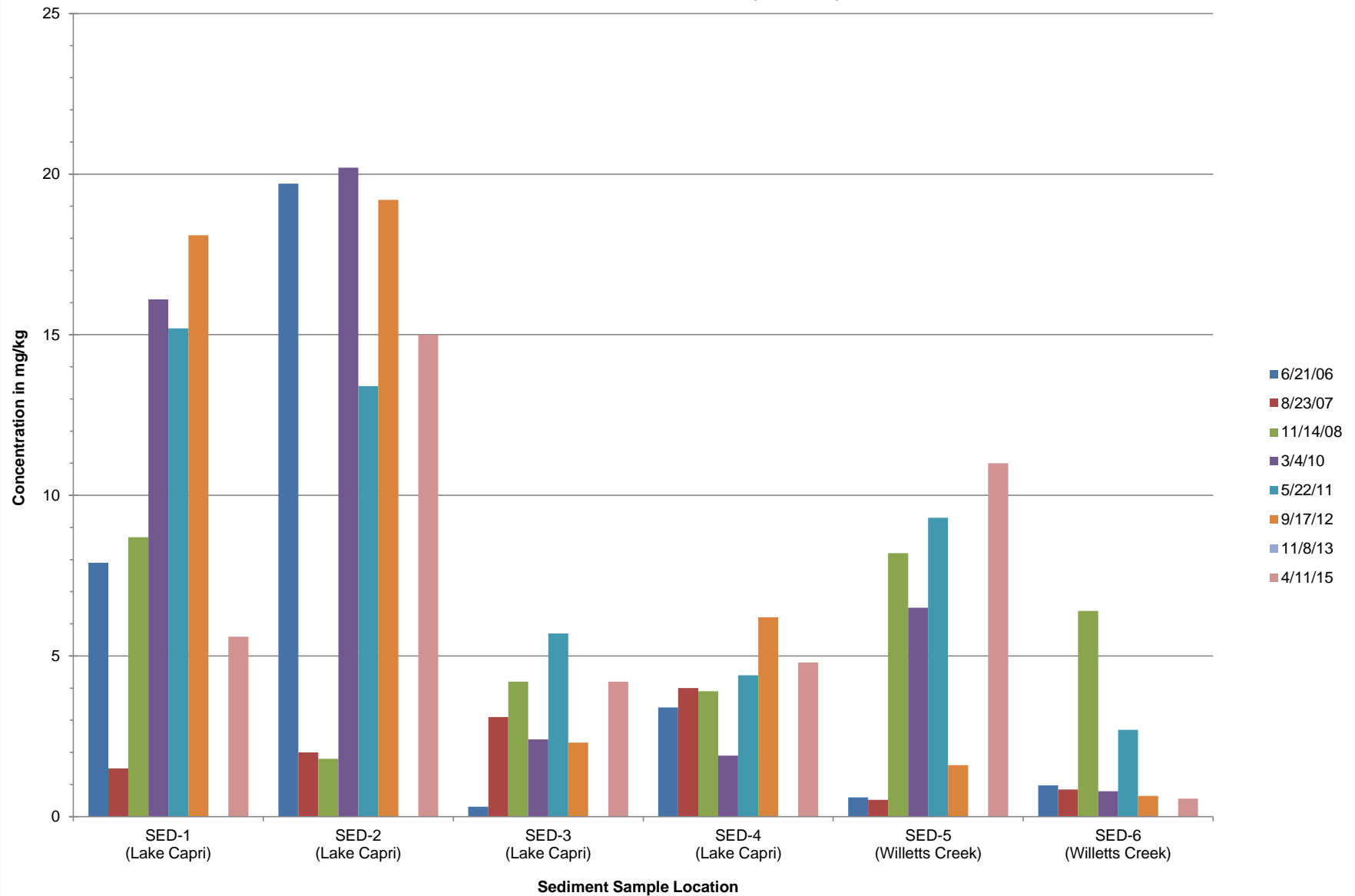
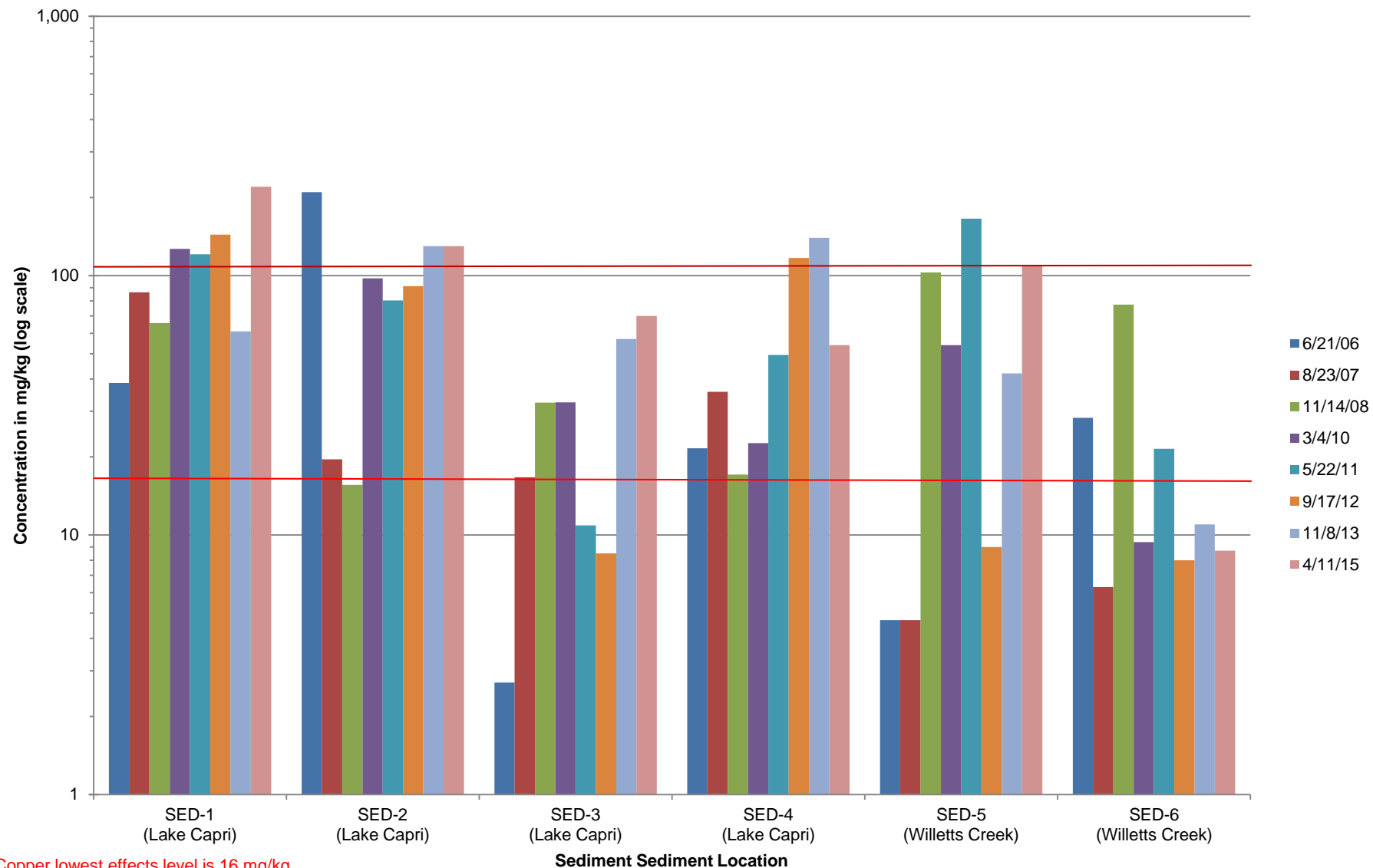
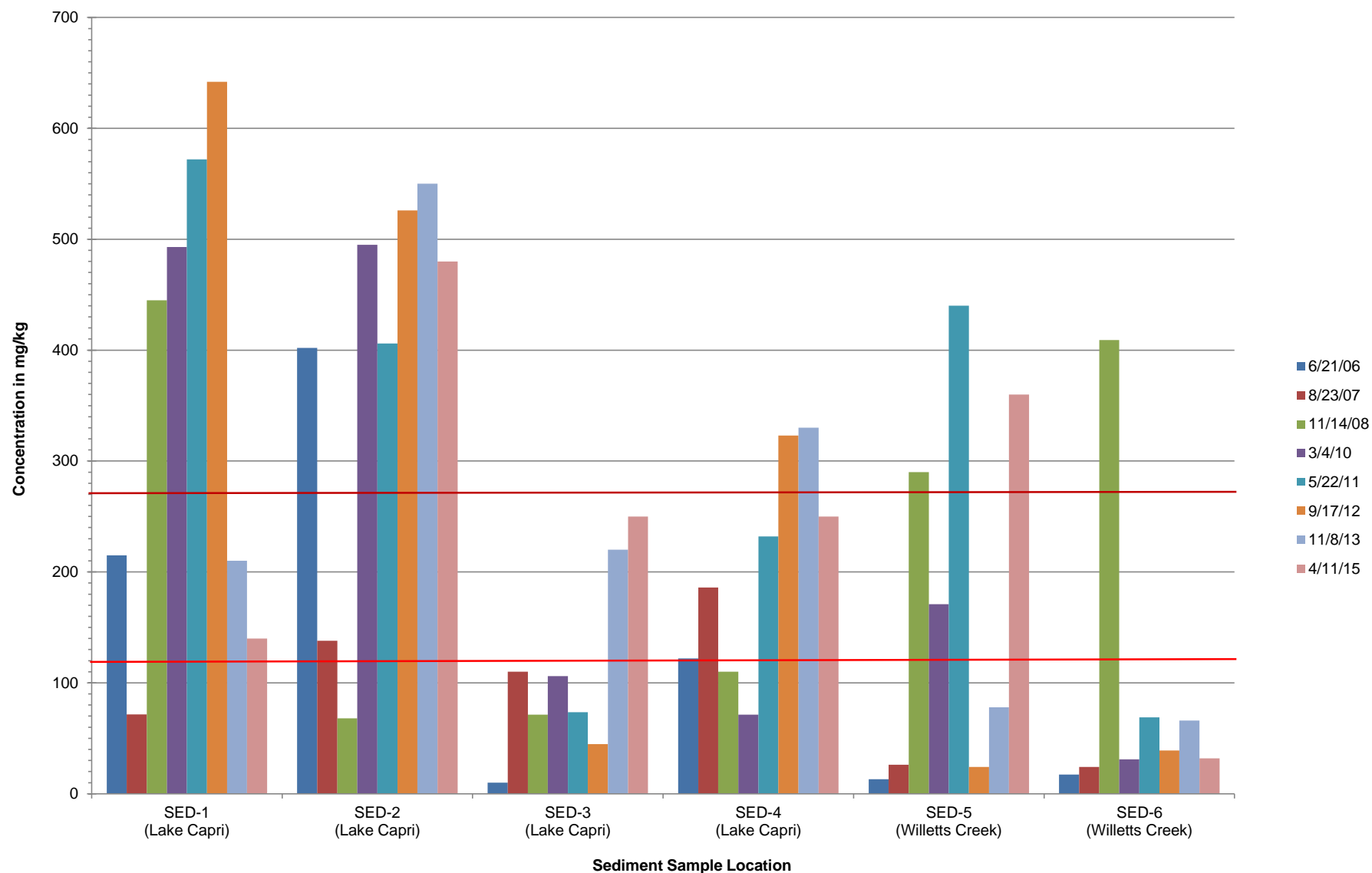


FIGURE 12
COPPER CONCENTRATIONS IN LAKE CAPRI & WILLETTS CREEK SEDIMENT SAMPLES
DZUS FASTENERS SITE (1-52-033)

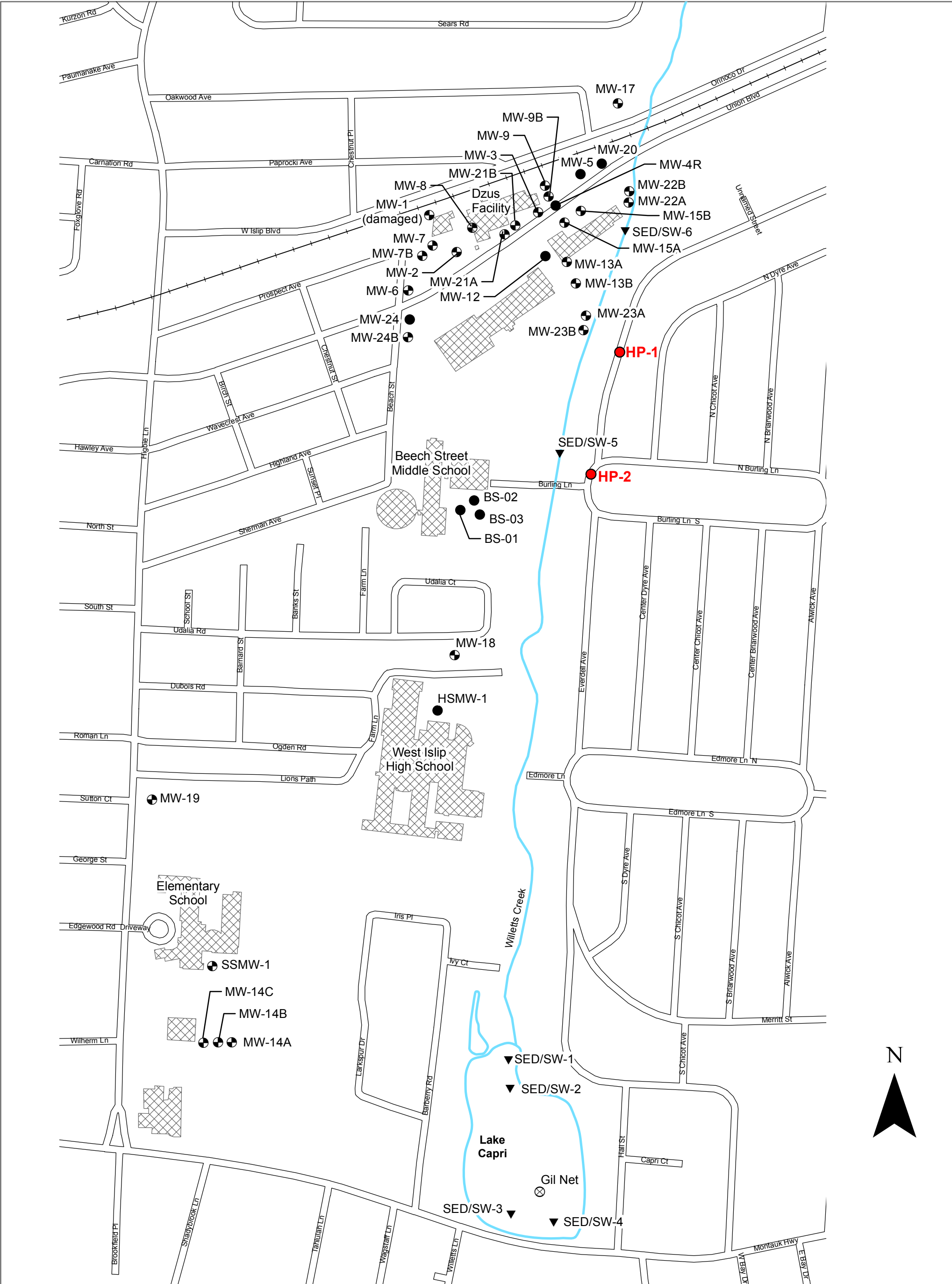


Copper lowest effects level is 16 mg/kg
 Copper highest effects level is 110 mg/kg

FIGURE 13
ZINC CONCENTRATIONS IN LAKE CAPRI AND WILLETTS CREEK SEDIMENT SAMPLES
DZUS FASTENERS SITE (1-52-033)

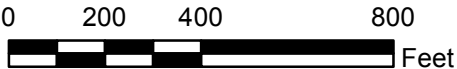



lowest effects level is 120 mg/kg
highest effects level is 270 mg/kg



Legend

- Proposed Boring Location
- EXISTING WELLS INCLUDED IN LTM
- EXISTING MONITORING WELLS
- MISSING MONITORING WELLS
- SURFACE WATER AND SEDIMENT SAMPLE LOCATION
- GIL NET



Prepared by:			
			
SUBMITTED BY:		<div>MULTI SITE G - Dzus Fasteners SITE NO. 1-52-033</div> <div>PROPOSED GEOPROBE BORING LOCATIONS</div>	
PK			
DRAWN BY:			
CF			
APPROVED BY:			
PK		DATE: SEPT 2015	SCALE: 1" = 400 feet
		DRAWING NO.: 14	

Appendix A

NYSDEC Monitoring Well Field Inspection Logs

SITE NAME: **Dzus Fasteners**

SITE ID.: 1-52-033

INSPECTOR: CF/RP

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 3/18/2015 0900

WELL ID.: MW-01

WELL VISIBLE? (If not, provide directions below)

YES	NO
	X

WELL COORDINATES? Latitude: 40° 42.49 Longitude: 73° 18.10

See Report

PDOP Reading from Trimble pathfinder:

Satellites:

GPS Method (circle) Trimble And/Or Magellan

WELL I.D. VISIBLE?

YES	
	X
	X

WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:

YES	NO
	NA
	NA
	NA

SURFACE SEAL PRESENT?

SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe .

PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

HEADSPACE READING (ppm) AND INSTRUMENT USED: Mini RAE 2000

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)

PROTECTIVE CASING MATERIAL TYPE:

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

	NA
	NA
	NA
	NA

LOCK PRESENT?

LOCK FUNCTIONAL?

DID YOU REPLACE THE LOCK?

IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)

WELL MEASURING POINT VISIBLE?

YES	NO
	NA
	NA
	NA
	NA
	NA

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):

MEASURE WELL DIAMETER (Inches):

WELL CASING MATERIAL:

PHYSICAL CONDITION OF VISIBLE WELL CASING:

ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE

PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES

	NA
	NA
	NA
	NA
	NA
	NA
	NA

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

REMARKS:

The well was apparently destroyed during snow removal operations in 12/2007.

MONITORING WELL INSPECTION LOG

SKETCH



SITE NAME: Dzus Fasteners

SITE ID.: 1-52-033

INSPECTOR: CF/RP

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 3/18/2015 0900

WELL ID.: MW-2

WELL VISIBLE? (If not, provide directions below)

YES	NO
X	

WELL COORDINATES? Latitude: 40° 42.49 Longitude: 73° 18.10

See Report

PDOP Reading from Trimble pathfinder:

Satellites:

GPS Method (circle) Trimble And/Or Magellan

YES	NO
	X
X	

WELL I.D. VISIBLE?

WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:

YES	NO
X	
X	
X	

SURFACE SEAL PRESENT?

SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)

PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

HEADSPACE READING (ppm) AND INSTRUMENT USED: Mini RAE 2000

0.0 PID

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)

Flushmount

PROTECTIVE CASING MATERIAL TYPE:

SS

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

6

LOCK PRESENT?

LOCK FUNCTIONAL?

DID YOU REPLACE THE LOCK?

IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)

WELL MEASURING POINT VISIBLE?

YES	NO
X	
	X
	X
	X
X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):

14.2

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):

7.43

MEASURE WELL DIAMETER (Inches):

2

WELL CASING MATERIAL:

PVC

PHYSICAL CONDITION OF VISIBLE WELL CASING:

GOOD

ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE

-

PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES

-

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Accessible by truck mounted rig. Located near the parking lot edge

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)

AND ASSESS THE TYPE OF RESTORATION REQUIRED.

well is in grassy area between parking lot and fence along union.

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

parking lot and site

REMARKS:

1/4" OD poly tubing left in well. Concrete is all the way up above the PVC. Hard to keep dirt from

falling in when opening.

MONITORING WELL INSPECTION LOG

SKETCH



SITE NAME: Dzus Fasteners

SITE ID.: 1-52-033

INSPECTOR: CF/RP

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 3/18/2015 0900

WELL ID.: MW-3

WELL VISIBLE? (If not, provide directions below)

YES	NO
X	

WELL COORDINATES? Latitude: 40° 42.49 Longitude: 73° 18.02

See Report

PDOP Reading from Trimble pathfinder:

Satellites:

GPS Method (circle) Trimble And/Or Magellan

WELL I.D. VISIBLE?

YES	NO
	X
X	

WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:

N/A

SURFACE SEAL PRESENT?

YES	NO
X	
X	
X	

SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)

PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

HEADSPACE READING (ppm) AND INSTRUMENT USED: Mini RAE 2000

0.0 PID

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)

Flushmount

PROTECTIVE CASING MATERIAL TYPE:

SS

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

6

LOCK PRESENT?

YES	NO
	X
	NA
	X
	X
X	

LOCK FUNCTIONAL?

DID YOU REPLACE THE LOCK?

IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)

WELL MEASURING POINT VISIBLE?

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):

14.8

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):

5.34

MEASURE WELL DIAMETER (Inches):

2

WELL CASING MATERIAL:

PVC

PHYSICAL CONDITION OF VISIBLE WELL CASING:

GOOD

ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE

-

PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES

-

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Accessible by truck mounted rig over front lawn

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)

AND ASSESS THE TYPE OF RESTORATION REQUIRED.

In a grassy area on Dzus property along Union Blvd

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

Site and road

REMARKS:

1/4" OD poly tubing left in well.

MONITORING WELL INSPECTION LOG

SKETCH



SITE NAME: Dzus Fasteners

SITE ID.: 1-52-033

INSPECTOR: CF/RP

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 3/18/2015 0900

WELL ID.: MW-9

WELL VISIBLE? (If not, provide directions below)

YES	NO
X	

WELL COORDINATES? Latitude: 40° 42.50 Longitude: 73° 18.02

See Report

PDOP Reading from Trimble pathfinder:

Satellites:

GPS Method (circle) Trimble And/Or Magellan

WELL I.D. VISIBLE?

YES	NO
	X
X	

WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: N/A wrongly numbered on road

SURFACE SEAL PRESENT?

YES	NO
X	
X	
X	

SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)

PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

HEADSPACE READING (ppm) AND INSTRUMENT USED: Mini RAE 2000

0.0 PID

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)

Flushmount

PROTECTIVE CASING MATERIAL TYPE:

SS

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

6

LOCK PRESENT?

YES	NO
	X
	X
	X
	X
X	

LOCK FUNCTIONAL?

DID YOU REPLACE THE LOCK?

IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)

WELL MEASURING POINT VISIBLE?

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):

12.0

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):

4.20

MEASURE WELL DIAMETER (Inches):

2

WELL CASING MATERIAL:

PVC

PHYSICAL CONDITION OF VISIBLE WELL CASING:

GOOD

ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE

-

PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES

-

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Accessible by truck mounted rig

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)

AND ASSESS THE TYPE OF RESTORATION REQUIRED.

pavement along east side of Dzus building

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

on-site, parking lot

REMARKS:

1/4" OD poly tubing left in well.

MONITORING WELL INSPECTION LOG

SKETCH



SITE NAME: Dzus Fasteners

SITE ID.: 1-52-033

INSPECTOR: CF/RP

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 3/18/2015 0900

WELL ID.: MW-9B

WELL VISIBLE? (If not, provide directions below)

YES	NO
X	

WELL COORDINATES? Latitude: 40° 42.49 Longitude: 73° 18.01

See Report

PDOP Reading from Trimble pathfinder:

Satellites:

GPS Method (circle) Trimble And/Or Magellan

WELL I.D. VISIBLE?

YES	NO
	X
X	

WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back) Move back 30 ft

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: N/A written on road

YES	NO
X	
X	
X	

SURFACE SEAL PRESENT?

SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)

PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

HEADSPACE READING (ppm) AND INSTRUMENT USED: Mini RAE 2000

0.0 PID

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)

Flushmount

PROTECTIVE CASING MATERIAL TYPE:

SS

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

6

LOCK PRESENT?

LOCK FUNCTIONAL?

DID YOU REPLACE THE LOCK?

IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)

WELL MEASURING POINT VISIBLE?

YES	NO
X	
	X
	X
	X
X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):

44.0

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):

4.09

MEASURE WELL DIAMETER (Inches):

2

WELL CASING MATERIAL:

PVC

PHYSICAL CONDITION OF VISIBLE WELL CASING:

GOOD

ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE

-

PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES

-

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Accessible by truck mounted rig

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)

AND ASSESS THE TYPE OF RESTORATION REQUIRED.

pavement along east side of Dzus building

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

on-site, parking lot

REMARKS:

1/4" OD poly tubing left in well. New bolts needed

MONITORING WELL INSPECTION LOG

SKETCH



SITE NAME: Dzus Fasteners

SITE ID.: 1-52-033

INSPECTOR: CF/RP

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 3/17/2015 1300

WELL ID.: MW-13A

WELL VISIBLE? (If not, provide directions below)

YES	NO
X	

WELL COORDINATES? Latitude: 40° 42.44 Longitude: 73° 17.100

See Report

PDOP Reading from Trimble pathfinder:

Satellites:

GPS Method (circle) Trimble And/Or Magellan

YES	NO
	X
X	

WELL I.D. VISIBLE? On pavement (spray paint)

WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:

YES	NO
X	
X	
X	

SURFACE SEAL PRESENT?

SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)

PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

HEADSPACE READING (ppm) AND INSTRUMENT USED: Mini RAE 2000

0.0 PID

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)

Flushmount

PROTECTIVE CASING MATERIAL TYPE:

SS

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

8

LOCK PRESENT?

LOCK FUNCTIONAL?

DID YOU REPLACE THE LOCK?

IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)

WELL MEASURING POINT VISIBLE?

YES	NO
X	
	X
	X
	X
X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):

10.5

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):

2.22

MEASURE WELL DIAMETER (Inches):

2

WELL CASING MATERIAL:

PVC

PHYSICAL CONDITION OF VISIBLE WELL CASING:

GOOD

ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE

-

PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES

-

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Accessible by truck mounted rig

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)

AND ASSESS THE TYPE OF RESTORATION REQUIRED.

In parking lot across the street from the site near liquor store.

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

parking lot

REMARKS:

1/4" OD poly tubing left in well.

MONITORING WELL INSPECTION LOG

SKETCH



SITE NAME: **Dzus Fasteners**

SITE ID.: 1-52-033

INSPECTOR: CF/RP

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 3/17/2015 1300

WELL ID.: MW-13B

WELL VISIBLE? (If not, provide directions below)

YES	NO
X	

WELL COORDINATES? Latitude: 40° 42.43 Longitude: 73° 17.99

See Report

PDOP Reading from Trimble pathfinder:

Satellites:

GPS Method (circle) Trimble And/Or Magellan

YES	NO
	X
X	

WELL I.D. VISIBLE? On pavement (spray paint)

WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:

YES	NO
	X
	X
X	

SURFACE SEAL PRESENT?

SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)

PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

HEADSPACE READING (ppm) AND INSTRUMENT USED: Mini RAE 2000

0.0 PID

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)

Flushmount

PROTECTIVE CASING MATERIAL TYPE:

SS

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

6

LOCK PRESENT?

LOCK FUNCTIONAL?

DID YOU REPLACE THE LOCK?

IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)

WELL MEASURING POINT VISIBLE?

YES	NO
X	
	X
	X
	X
X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):

44.3

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):

2.15

MEASURE WELL DIAMETER (Inches):

2

WELL CASING MATERIAL:

PVC

PHYSICAL CONDITION OF VISIBLE WELL CASING:

GOOD

ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE

-

PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES

-

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Accessible by truck mounted rig

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)

AND ASSESS THE TYPE OF RESTORATION REQUIRED.

In parking lot across the street from the site near liquor store.

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

parking lot

REMARKS:

1/4" OD poly tubing left in well. New bolt needed, new seal needed, silted up inside.

Well was covered by puddle and had to be bailed out.

MONITORING WELL INSPECTION LOG

SKETCH



SITE NAME: Dzus Fasteners

SITE ID.: 1-52-033

INSPECTOR: CF/RP

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 3/17/2015 1000

WELL ID.: MW-15A

WELL VISIBLE? (If not, provide directions below)

YES	NO
X	

WELL COORDINATES? Latitude: 40° 42.49 Longitude: 73° 17.97

See Report

PDOP Reading from Trimble pathfinder:

Satelites:

GPS Method (circle) Trimble And/Or Magellan

YES	NO
	X
X	

WELL I.D. VISIBLE? On pavement (spray paint)

WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:

YES	NO
	X
	X
	X

SURFACE SEAL PRESENT?

SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)

PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

Cap is missing

HEADSPACE READING (ppm) AND INSTRUMENT USED: Mini RAE 2000

0.0 PID

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)

Flushmount

PROTECTIVE CASING MATERIAL TYPE:

SS

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

6

LOCK PRESENT?

LOCK FUNCTIONAL?

DID YOU REPLACE THE LOCK?

IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)

WELL MEASURING POINT VISIBLE?

YES	NO
X	
	X
	X
	X
X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):

28.6

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):

4.86

MEASURE WELL DIAMETER (Inches):

2

WELL CASING MATERIAL:

PVC

PHYSICAL CONDITION OF VISIBLE WELL CASING:

GOOD

ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE

-

PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES

-

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Accessible by truck mounted rig

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)

AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Asphalt parking lot in front of ACE hardware store toward Union Blvd.

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

parking lot

REMARKS:

1/4" OD poly tubing left in well.

SKETCH



SITE NAME: Dzus Fasteners

SITE ID.: 1-52-033

INSPECTOR: CF/RP

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 3/17/2015 1000

WELL ID.: MW-15B

WELL VISIBLE? (If not, provide directions below)

YES	NO
X	

WELL COORDINATES? Latitude: 40° 42.50 Longitude: 73° 17.96

See Report

PDOP Reading from Trimble pathfinder:

Satellites:

GPS Method (circle) Trimble And/Or Magellan

YES	NO
X	
X	

WELL I.D. VISIBLE? On asphalt pavement (spray paint)

WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:

YES	NO
X	
X	
X	

SURFACE SEAL PRESENT?

SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)

PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

HEADSPACE READING (ppm) AND INSTRUMENT USED: Mini RAE 2000

0.0 PID

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)

Flushmount

PROTECTIVE CASING MATERIAL TYPE:

SS

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

6

LOCK PRESENT?

LOCK FUNCTIONAL?

DID YOU REPLACE THE LOCK?

IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)

WELL MEASURING POINT VISIBLE?

YES	NO
X	
	X
	X
	X
X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):

83.6

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):

4.60

MEASURE WELL DIAMETER (Inches):

2

WELL CASING MATERIAL:

PVC

PHYSICAL CONDITION OF VISIBLE WELL CASING:

GOOD

ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE

-

PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES

-

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Accessible by truck mounted rig

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)

AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Asphalt parking lot in front of ACE hardware store toward Union Blvd.

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

parking lot

REMARKS:

1/4" OD poly tubing left in well.

MONITORING WELL INSPECTION LOG

SKETCH



SITE NAME: Dzus Fasteners

SITE ID.: 1-52-033

INSPECTOR: CF/RP

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 3/17/2015 1500

WELL ID.: MW-17

WELL VISIBLE? (If not, provide directions below)

YES	NO
X	

WELL COORDINATES? Latitude: NM Longitude: NM

See Report

PDOP Reading from Trimble pathfinder:

Satellites:

GPS Method (circle) Trimble And/Or Magellan

YES	NO
	X
	X

WELL I.D. VISIBLE? On pavement (spray paint)

WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:

YES	NO
X	
X	
X	

SURFACE SEAL PRESENT?

SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)

PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

HEADSPACE READING (ppm) AND INSTRUMENT USED: Mini RAE 2000

0.0 PID

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)

3 shmount

PROTECTIVE CASING MATERIAL TYPE:

SS

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

6

LOCK PRESENT?

LOCK FUNCTIONAL?

DID YOU REPLACE THE LOCK?

IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)

WELL MEASURING POINT VISIBLE?

YES	NO
	X
	X
	X
	X
X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):

16.0

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):

6.14

MEASURE WELL DIAMETER (Inches):

2

WELL CASING MATERIAL:

PVC

PHYSICAL CONDITION OF VISIBLE WELL CASING:

GOOD

ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE

-

PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES

-

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Accessible by truck mounted rig over grass

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)

AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Grassy area

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

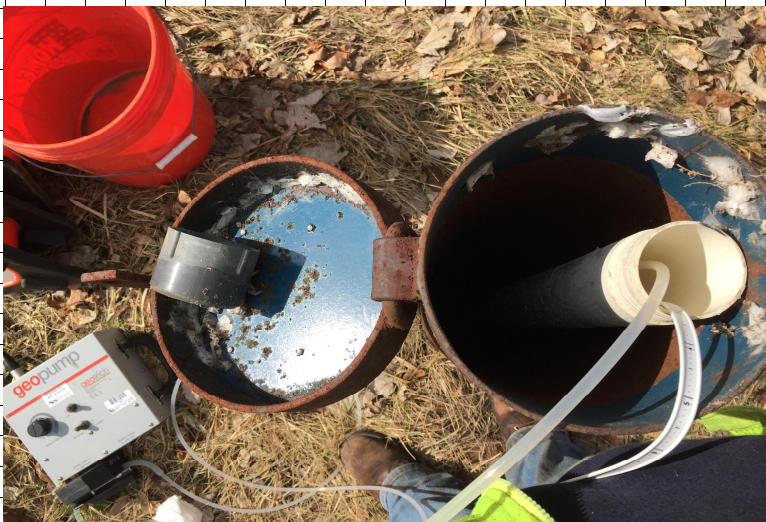
Creek and Road

REMARKS:

1/4" OD poly tubing left in well

MONITORING WELL INSPECTION LOG

SKETCH



SITE NAME: **Dzus Fasteners**

SITE ID.: 1-52-033

INSPECTOR: CF/RP

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 3/17/2015 1600

WELL ID.: MW-18

WELL VISIBLE? (If not, provide directions below)

YES	NO
X	

WELL COORDINATES? Latitude: 40° 70.27 Longitude: 73° 30.14

See Report

PDOP Reading from Trimble pathfinder:

Satellites:

GPS Method (circle) Trimble And/Or Magellan

YES	NO
	X
X	

WELL I.D. VISIBLE? On pavement (spray paint)

WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:

X

SURFACE SEAL PRESENT?

SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)

PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

YES	NO
X	
X	
X	

HEADSPACE READING (ppm) AND INSTRUMENT USED: Mini RAE 2000

0.0 PID

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)

Flushmount

PROTECTIVE CASING MATERIAL TYPE:

SS

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

6

LOCK PRESENT?

LOCK FUNCTIONAL?

DID YOU REPLACE THE LOCK?

IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)

WELL MEASURING POINT VISIBLE?

YES	NO
X	
	X
	X
	X
X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):

13.4

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):

4.35

MEASURE WELL DIAMETER (Inches):

2

WELL CASING MATERIAL:

PVC

PHYSICAL CONDITION OF VISIBLE WELL CASING:

GOOD

ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE

-

PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES

-

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Accessible by truck mounted rig over grass

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)

AND ASSESS THE TYPE OF RESTORATION REQUIRED.

By bushes across from street light on grassy area in high school parking lot.

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

none evident

REMARKS:

1/4" OD poly tubing left in well. New bolts needed

Passable obstruction in well at 8.2 feet

MONITORING WELL INSPECTION LOG

SKETCH



SITE NAME: Dzus Fasteners

SITE ID.: 1-52-033

INSPECTOR: CF/RP

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 3/17/2015 1100

WELL ID.: MW-22A

WELL VISIBLE? (If not, provide directions below)

YES	NO
X	

WELL COORDINATES? Latitude: 40° 42.491 Longitude: 73° 17.941

See Report

PDOP Reading from Trimble pathfinder:

Satellites:

GPS Method (circle) Trimble And/Or Magellan

WELL I.D. VISIBLE? On concrete pad (spray paint)

YES	NO
	X
X	

WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:

N/A

SURFACE SEAL PRESENT?

YES	NO
X	
X	
X	

SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)

PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

HEADSPACE READING (ppm) AND INSTRUMENT USED: Mini RAE 2000

0.0 PID

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)

Flushmount

PROTECTIVE CASING MATERIAL TYPE:

SS

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

6

LOCK PRESENT?

YES	NO
X	
	X
	X
	X
X	

LOCK FUNCTIONAL?

DID YOU REPLACE THE LOCK?

IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)

WELL MEASURING POINT VISIBLE?

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):

14.2

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):

5.72

MEASURE WELL DIAMETER (Inches):

2

WELL CASING MATERIAL:

PVC

PHYSICAL CONDITION OF VISIBLE WELL CASING:

GOOD

ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE

-

PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES

-

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Accessible by truck mounted rig over grass

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)

AND ASSESS THE TYPE OF RESTORATION REQUIRED.

In the grassy area around side of laundromat

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

creek and parking lot

REMARKS:

1/4" OD poly tubing left in well. New bolts needed

MONITORING WELL INSPECTION LOG

SKETCH



SITE NAME: Dzus Fasteners

SITE ID.: 1-52-033

INSPECTOR: CF/RP

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 3/17/2015 0900

WELL ID.: MW-22 B

WELL VISIBLE? (If not, provide directions below)

YES	NO
X	

WELL COORDINATES? Latitude: 40° 42.491 Longitude: 73° 17.941

See Report

PDOP Reading from Trimble pathfinder:

Satellites:

GPS Method (circle) Trimble And/Or Magellan

YES	NO
	X
X	

WELL I.D. VISIBLE? On concrete pad

WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:

N/A	
YES	NO
X	
X	
X	

SURFACE SEAL PRESENT?

SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)

PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

HEADSPACE READING (ppm) AND INSTRUMENT USED: Mini RAE 2000

0.0 PID

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)

Flushmount

PROTECTIVE CASING MATERIAL TYPE:

SS

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

6

LOCK PRESENT?

LOCK FUNCTIONAL?

DID YOU REPLACE THE LOCK?

IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)

WELL MEASURING POINT VISIBLE?

YES	NO
X	
	X
	X
	X
X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):

44.45

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):

5.00

MEASURE WELL DIAMETER (Inches):

2

WELL CASING MATERIAL:

PVC

PHYSICAL CONDITION OF VISIBLE WELL CASING:

GOOD

ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE

-

PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES

-

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Accessible by truck mounted rig over grass

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)
AND ASSESS THE TYPE OF RESTORATION REQUIRED.

In the grassy area around side of laundromat

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

creek and parking lot

REMARKS:

1/4" OD poly tubing left in well. New bolts needed

MONITORING WELL INSPECTION LOG

SKETCH



SITE NAME: Dzus Fasteners

SITE ID.: 1-52-033

INSPECTOR: CF/RP

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 3/17/2015 1400

WELL ID.: MW-23A

WELL VISIBLE? (If not, provide directions below)

YES	NO
X	

WELL COORDINATES? Latitude: 40° 42.402 Longitude: 73° 17.991

See Report

PDOP Reading from Trimble pathfinder:

Satellites:

GPS Method (circle) Trimble And/Or Magellan

YES	NO
	X
X	

WELL I.D. VISIBLE? On asphalt pavement (spray paint)

WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:

YES	NO
X	
X	
X	

SURFACE SEAL PRESENT?

SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)

PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

HEADSPACE READING (ppm) AND INSTRUMENT USED: Mini RAE 2000

0.0 PID

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)

Flushmount

PROTECTIVE CASING MATERIAL TYPE:

SS

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

6

LOCK PRESENT?

LOCK FUNCTIONAL?

DID YOU REPLACE THE LOCK?

IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)

WELL MEASURING POINT VISIBLE?

YES	NO
X	
	X
	X
	X
X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):

14.23

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):

4.21

MEASURE WELL DIAMETER (Inches):

2

WELL CASING MATERIAL:

PVC

PHYSICAL CONDITION OF VISIBLE WELL CASING:

GOOD

ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE

-

PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES

-

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Accessible by truck mounted rig

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)

AND ASSESS THE TYPE OF RESTORATION REQUIRED.

pavement behind building (currently liquor store)

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

parking lot

REMARKS:

1/4" OD poly tubing left in well. New bolts needed

MONITORING WELL INSPECTION LOG

SKETCH



SITE NAME: Dzus Fasteners

SITE ID.: 1-52-033

INSPECTOR: CF/RP

MONITORING WELL FIELD INSPECTION LOG

DATE/TIME: 3/17/2015 1400

WELL ID.: MW-23B

WELL VISIBLE? (If not, provide directions below)

YES	NO
X	

WELL COORDINATES? Latitude: 40° 42.403 Longitude: 73° 17.987

See Report

PDOP Reading from Trimble pathfinder:

Satellites:

GPS Method (circle) Trimble And/Or Magellan

YES	NO
	X
X	

WELL I.D. VISIBLE? On asphalt pavement (spray paint)

WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL:

YES	NO
X	
X	
X	

SURFACE SEAL PRESENT?

SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)

PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)

HEADSPACE READING (ppm) AND INSTRUMENT USED: Mini RAE 2000

0.0 PID

TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)

Flushmount

PROTECTIVE CASING MATERIAL TYPE:

SS

MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):

6

LOCK PRESENT?

LOCK FUNCTIONAL?

DID YOU REPLACE THE LOCK?

IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes, describe below)

WELL MEASURING POINT VISIBLE?

YES	NO
X	
	X
	X
	X
X	

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):

44.0

MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):

4.10

MEASURE WELL DIAMETER (Inches):

2

WELL CASING MATERIAL:

PVC

PHYSICAL CONDITION OF VISIBLE WELL CASING:

GOOD

ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE

-

PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES

-

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Accessible by truck mounted rig

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.)

AND ASSESS THE TYPE OF RESTORATION REQUIRED.

pavement behind building (currently liquor store)

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT

(e.g. Gas station, salt pile, etc.):

parking lot

REMARKS:

1/4" OD poly tubing left in well. New bolts needed

MONITORING WELL INSPECTION LOG

SKETCH



Appendix B

Well and Surface Water Sampling Forms



WELL NO.

MW-2

[illegible]



WELL NO.

MW-3

[illegible]



WELL NO.

MW-9

[illegible]



WELL NO.

MW-9B

[illegible]



WELL NO.

MW-13A

[illegible]



WELL NO.

MW-13B

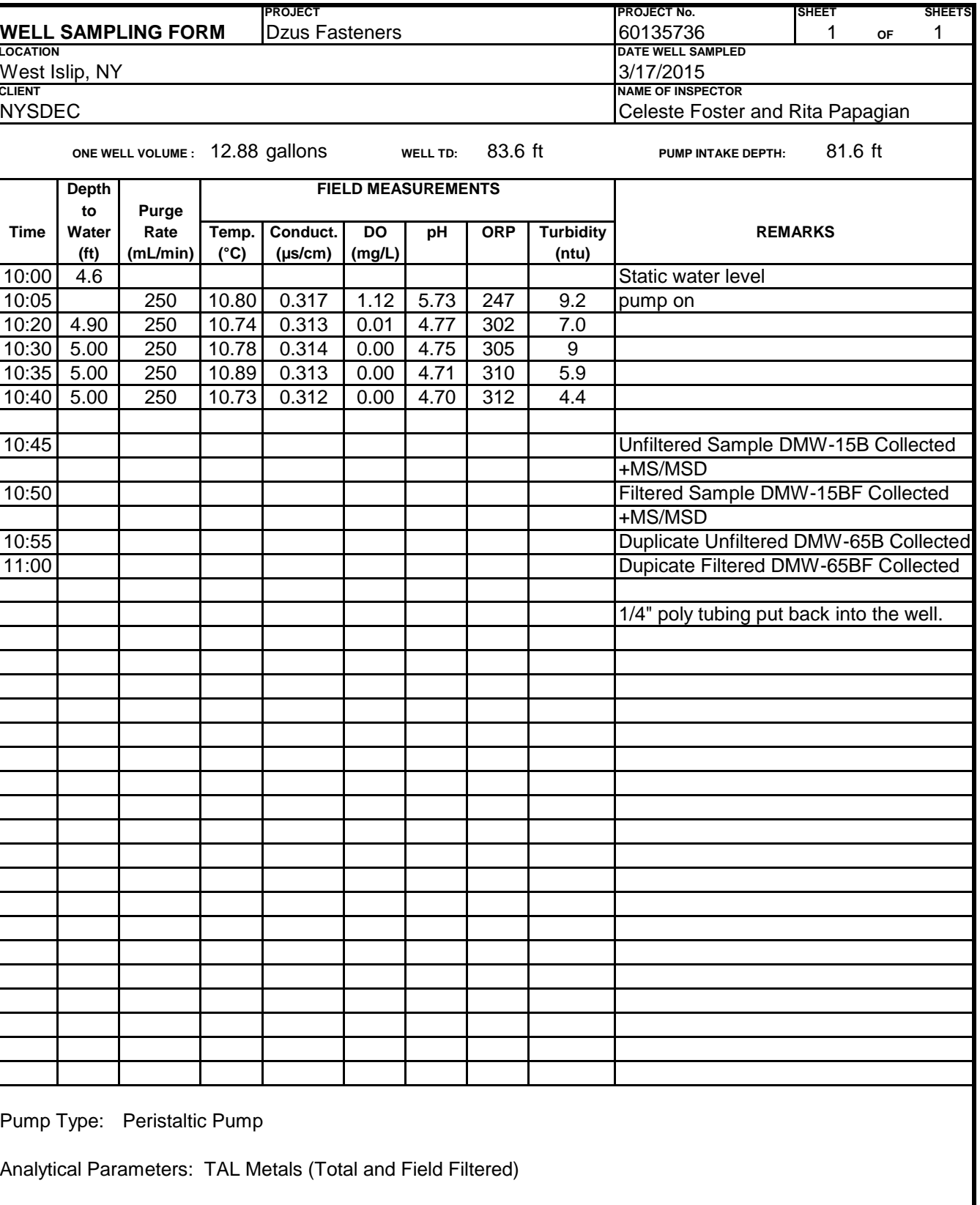
[illegible]



WELL NO.

MW-15A

[illegible]





WELL NO.

MW-17

[illegible]



WELL NO.

MW-18

[illegible]



WELL NO.

MW-22A

[illegible]



WELL NO.

MW-22B

[illegible]



WELL NO.

MW-23A

[illegible]



WELL NO.

MW-23B

[illegible]

Appendix C

Laboratory Data Packages

Project: Dzus

Client PO: 60277021 02.01

Report To: AECOM
100 Red School House Rd.
Suite B-1
Chestnut Ridge, NY 10977

Attn: Paul Kareth

Received Date: 3/18/2015

Report Date: 3/31/2015

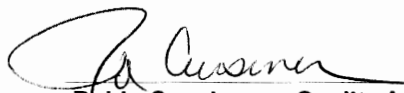
Deliverables: NYDOH-CATB

Lab ID: AC83807

Lab Project No: 5031810

This report is a true report of results obtained from our tests of this material. The report relates only to those samples received and analyzed by the laboratory. All results meet the requirements of the NELAC Institute standards. Laboratory reports may not be reproduced, except in full, without the written approval of the laboratory.

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Robin Cousineau - Quality Assurance Director

OR

Jean Revolus - Laboratory Director

NJ (07071)
PA (68-00463)

NY (ELAP11408)
KY (90124)

CT (PH-0671)





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SDG Narrative

HC Case Narrative

Client: AECOM
Project: Dzus

HC Project: 5031810

Hampton-Clarke (HC) received the following samples on 3/18/2015:


<u>Client ID</u>	<u>HC Sample ID</u>	<u>Matrix</u>	<u>Analysis</u>
DMW-15A	AC83807-001	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DMW-15AF	AC83807-002	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DMW-15B	AC83807-003	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DMW-15BF	AC83807-004	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DMW-65B	AC83807-005	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DMW-65BF	AC83807-006	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DMW-22B	AC83807-007	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DMW-22BF	AC83807-008	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DMW-22A	AC83807-009	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DMW-22AF	AC83807-010	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DMW-13A	AC83807-011	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DMW-13AF	AC83807-012	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DMW-13B	AC83807-013	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DMW-13BF	AC83807-014	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DMW-23A	AC83807-015	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DMW-23AF	AC83807-016	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DMW-23B	AC83807-017	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DMW-23BF	AC83807-018	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DMW-18	AC83807-019	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DMW-18F	AC83807-020	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DMW-17	AC83807-021	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DMW-17F	AC83807-022	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DMW-9B	AC83807-023	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DMW-9BF	AC83807-024	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DFB	AC83807-025	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DFB-F	AC83807-026	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DMW-2	AC83807-027	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DMW-2F	AC83807-028	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DMW-9	AC83807-029	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DMW-9F	AC83807-030	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DMW-3	AC83807-031	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DMW-3F	AC83807-032	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DMW-15B MS	AC83807-033	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DMW-15B MSD	AC83807-034	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DMW-15BF MS	AC83807-035	Aqueous	Metals (6010C/6020A), Mercury (7470A)
DMW-15BF MSD	AC83807-036	Aqueous	Metals (6010C/6020A), Mercury (7470A)

This case narrative is in the form of an exception report. Method specific and/or QA/QC anomalies related to this report only are detailed below.

Metals Analysis:

The serial dilution for batches 42348 and 42349 are outside QC limits for one or more analytes. Please refer to the applicable Form 6/9 for the recoveries.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data has been authorized by the Laboratory Manager or his designee, as verified by the following signature.



Robin Cousineau
Quality Assurance Director

Or

Jean Revolus
Laboratory Director

3/31/2015

Date

Reporting Limit Definitions

HC Reporting Limit Definitions/Data Qualifiers

REPORTING DEFINITIONS

DF = Dilution Factor

MDL = Method Detection Limit

RL* = Reporting Limit

ND = Not Detected

RT = Retention Time

NA = Not Applicable

**Samples with elevated Reporting Limits (RLs) as a result of a dilution may not achieve client reporting limits in some cases. The elevated RLs are unavoidable consequences of sample dilution required to quantitate target analytes that exceed the calibration range of the instrument.*

DATA QUALIFIERS

- B-** Indicates analyte was present in the Method Blank and sample.
- d-** For Pesticide and PCB analysis, the concentration between primary and secondary columns is greater than 40%. The lower concentration is generally reported.
- E-** Indicates the concentration exceeded the upper calibration range of the instrument.
- J-** Indicates the value is estimated because it is either a Tentatively Identified Compound (TIC) or the reported concentration is greater than the MDL but less than the RL. For samples results between the MDL and RL there is a possibility of false positives or misidentification at the quantitation levels. Additionally, the acceptance criteria for QC samples may not be met.

Data Package Summary Forms

HC Report of Analysis

Client: AECOM

HC Project #: 5031810

Project: Dzus

Sample ID: DMW-15A
 Lab#: AC83807-001
 Matrix: Aqueous

Collection Date: 3/17/2015
 Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	820
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	12000
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	1100
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	40	150
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	20000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	17
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	6.3
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: DMW-15AF
 Lab#: AC83807-002
 Matrix: Aqueous

Collection Date: 3/17/2015
 Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	14000
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	ND
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	40	ND
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	23000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	8.2
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: DMW-15B
 Lab#: AC83807-003
 Matrix: Aqueous

Collection Date: 3/17/2015
 Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	9900
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	1500
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	40	94
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	32000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	ND
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	11
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: DMW-15BF
 Lab#: AC83807-004
 Matrix: Aqueous

Collection Date: 3/17/2015
 Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	11000
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	ND
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	40	ND
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	36000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	ND
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: DMW-65B
 Lab#: AC83807-005
 Matrix: Aqueous

Collection Date: 3/17/2015
 Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	11000
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	1600
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	40	63
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	33000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	ND
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: DMW-65BF
 Lab#: AC83807-006
 Matrix: Aqueous

Collection Date: 3/17/2015
 Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	11000
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	340
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	40	45
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	35000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	ND
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: DMW-22B
 Lab#: AC83807-007
 Matrix: Aqueous

Collection Date: 3/17/2015
 Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	27000
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	ND
Magnesium	1	ug/l	5000	5100
Manganese	1	ug/l	40	550
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	15000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	ND
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: DMW-22BF
 Lab#: AC83807-008
 Matrix: Aqueous

Collection Date: 3/17/2015
 Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	31000
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	ND
Magnesium	1	ug/l	5000	5900
Manganese	1	ug/l	40	590
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	17000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	ND
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: DMW-22A
 Lab#: AC83807-009
 Matrix: Aqueous

Collection Date: 3/17/2015
 Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	45000
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	2100
Magnesium	1	ug/l	5000	7200
Manganese	1	ug/l	40	220
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	28000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	280

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	ND
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: DMW-22AF
 Lab#: AC83807-010
 Matrix: Aqueous

Collection Date: 3/17/2015
 Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	51000
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	640
Magnesium	1	ug/l	5000	8200
Manganese	1	ug/l	40	260
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	34000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	290

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	ND
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: DMW-13A
 Lab#: AC83807-011
 Matrix: Aqueous

Collection Date: 3/17/2015
 Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	420
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	20000
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	8600
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	40	1100
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	43000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	9.6
Cobalt	1	ug/l	2.0	17
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: DMW-13AF
 Lab#: AC83807-012
 Matrix: Aqueous

Collection Date: 3/17/2015
 Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	21000
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	6200
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	40	1200
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	47000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	9.1
Cobalt	1	ug/l	2.0	18
Lead	1	ug/l	3.0	25
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: DMW-13B
 Lab#: AC83807-013
 Matrix: Aqueous

Collection Date: 3/17/2015
 Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	1000
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	12000
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	2100
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	40	780
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	12000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	4.0
Cobalt	1	ug/l	2.0	3.0
Lead	1	ug/l	3.0	6.3
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: DMW-13BF
 Lab#: AC83807-014
 Matrix: Aqueous

Collection Date: 3/17/2015
 Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	13000
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	ND
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	40	ND
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	13000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	ND
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: DMW-23A
 Lab#: AC83807-015
 Matrix: Aqueous

Collection Date: 3/17/2015
 Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	41000
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	8000
Magnesium	1	ug/l	5000	8600
Manganese	1	ug/l	40	780
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	6400
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	91000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	10
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: DMW-23AF
 Lab#: AC83807-016
 Matrix: Aqueous

Collection Date: 3/17/2015
 Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	40000
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	6400
Magnesium	1	ug/l	5000	8400
Manganese	1	ug/l	40	820
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	6800
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	95000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	ND
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: DMW-23B
 Lab#: AC83807-017
 Matrix: Aqueous

Collection Date: 3/17/2015
 Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	730
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	8900
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	1600
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	40	ND
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	25000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	61

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	27
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	5.6
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: DMW-23BF
 Lab#: AC83807-018
 Matrix: Aqueous

Collection Date: 3/17/2015
 Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	9900
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	ND
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	40	ND
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	27000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	31
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: DMW-18
 Lab#: AC83807-019
 Matrix: Aqueous

Collection Date: 3/17/2015
 Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	440
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	18000
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	520
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	40	720
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	37000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	ND
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: DMW-18F
 Lab#: AC83807-020
 Matrix: Aqueous

Collection Date: 3/17/2015
 Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	19000
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	ND
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	40	ND
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	39000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	ND
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: DMW-17
 Lab#: AC83807-021
 Matrix: Aqueous

Collection Date: 3/17/2015
 Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	37000
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	880
Magnesium	1	ug/l	5000	11000
Manganese	1	ug/l	40	520
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	7100
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	ND
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	6.5
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: DMW-17F
 Lab#: AC83807-022
 Matrix: Aqueous

Collection Date: 3/17/2015
 Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	41000
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	ND
Magnesium	1	ug/l	5000	12000
Manganese	1	ug/l	40	ND
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	8400
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	4.1
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: DMW-9B
 Lab#: AC83807-023
 Matrix: Aqueous

Collection Date: 3/18/2015
 Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	6400
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	ND
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	40	44
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	13000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	ND
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: DMW-9BF
 Lab#: AC83807-024
 Matrix: Aqueous

Collection Date: 3/18/2015
 Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	6700
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	ND
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	40	ND
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	14000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	2.5
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: DFB
 Lab#: AC83807-025
 Matrix: Aqueous

Collection Date: 3/18/2015
 Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	ND
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	ND
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	40	ND
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	ND
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	ND
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: DFB-F
 Lab#: AC83807-026
 Matrix: Aqueous

Collection Date: 3/18/2015
 Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	ND
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	ND
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	40	ND
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	ND
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	ND
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: DMW-2
 Lab#: AC83807-027
 Matrix: Aqueous

Collection Date: 3/18/2015
 Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	7200
Barium	1	ug/l	50	65
Calcium	1	ug/l	5000	21000
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	98000
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	40	410
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	19000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	210

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	21
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	15
Cobalt	1	ug/l	2.0	13
Lead	1	ug/l	3.0	29
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: DMW-2F
 Lab#: AC83807-028
 Matrix: Aqueous

Collection Date: 3/18/2015
 Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	20000
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	4200
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	40	240
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	20000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	2.6
Cobalt	1	ug/l	2.0	3.8
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: DMW-9
 Lab#: AC83807-029
 Matrix: Aqueous

Collection Date: 3/18/2015
 Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	13000
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	550
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	40	ND
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	18000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	ND
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: DMW-9F
 Lab#: AC83807-030
 Matrix: Aqueous

Collection Date: 3/18/2015
 Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	14000
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	ND
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	40	ND
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	21000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	2.4
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: DMW-3
 Lab#: AC83807-031
 Matrix: Aqueous

Collection Date: 3/18/2015
 Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	490
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	9300
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	510
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	40	64
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	18000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	20
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: DMW-3F
 Lab#: AC83807-032
 Matrix: Aqueous

Collection Date: 3/18/2015
 Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	9300
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	ND
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	40	ND
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	18000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	14
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: DMW-15B MS
 Lab#: AC83807-033
 Matrix: Aqueous

Collection Date: 3/17/2015
 Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	9.3

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	4600
Barium	1	ug/l	50	490
Calcium	1	ug/l	5000	56000
Chromium	1	ug/l	50	460
Copper	1	ug/l	50	460
Iron	1	ug/l	300	6100
Magnesium	1	ug/l	5000	49000
Manganese	1	ug/l	40	540
Nickel	1	ug/l	50	460
Potassium	1	ug/l	5000	49000
Silver	1	ug/l	20	86
Sodium	1	ug/l	5000	78000
Vanadium	1	ug/l	50	450
Zinc	1	ug/l	50	480

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	500
Arsenic	1	ug/l	2.0	490
Beryllium	1	ug/l	1.0	500
Cadmium	1	ug/l	2.0	480
Cobalt	1	ug/l	2.0	490
Lead	1	ug/l	3.0	490
Selenium	1	ug/l	10	470
Thallium	1	ug/l	2.0	470

Sample ID: DMW-15B MSD
 Lab#: AC83807-034
 Matrix: Aqueous

Collection Date: 3/17/2015
 Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	10

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	4600
Barium	1	ug/l	50	490
Calcium	1	ug/l	5000	57000
Chromium	1	ug/l	50	460
Copper	1	ug/l	50	460
Iron	1	ug/l	300	6000
Magnesium	1	ug/l	5000	50000
Manganese	1	ug/l	40	520
Nickel	1	ug/l	50	460
Potassium	1	ug/l	5000	49000
Silver	1	ug/l	20	86
Sodium	1	ug/l	5000	77000
Vanadium	1	ug/l	50	450
Zinc	1	ug/l	50	490

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	490
Arsenic	1	ug/l	2.0	470
Beryllium	1	ug/l	1.0	490
Cadmium	1	ug/l	2.0	460
Cobalt	1	ug/l	2.0	460
Lead	1	ug/l	3.0	470
Selenium	1	ug/l	10	460
Thallium	1	ug/l	2.0	440

Sample ID: DMW-15BF MS

Lab#: AC83807-035

Matrix: Aqueous

Collection Date: 3/17/2015

Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	10

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	4900
Barium	1	ug/l	50	530
Calcium	1	ug/l	5000	58000
Chromium	1	ug/l	50	490
Copper	1	ug/l	50	500
Iron	1	ug/l	300	5100
Magnesium	1	ug/l	5000	51000
Manganese	1	ug/l	40	520
Nickel	1	ug/l	50	490
Potassium	1	ug/l	5000	48000
Silver	1	ug/l	20	98
Sodium	1	ug/l	5000	84000
Vanadium	1	ug/l	50	490
Zinc	1	ug/l	50	510

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	520
Arsenic	1	ug/l	2.0	490
Beryllium	1	ug/l	1.0	490
Cadmium	1	ug/l	2.0	480
Cobalt	1	ug/l	2.0	470
Lead	1	ug/l	3.0	500
Selenium	1	ug/l	10	480
Thallium	1	ug/l	2.0	460

Sample ID: DMW-15BF MSD

Lab#: AC83807-036

Matrix: Aqueous

Collection Date: 3/17/2015

Receipt Date: 3/18/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	10

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	5000
Barium	1	ug/l	50	530
Calcium	1	ug/l	5000	61000
Chromium	1	ug/l	50	500
Copper	1	ug/l	50	510
Iron	1	ug/l	300	5100
Magnesium	1	ug/l	5000	53000
Manganese	1	ug/l	40	540
Nickel	1	ug/l	50	500
Potassium	1	ug/l	5000	49000
Silver	1	ug/l	20	100
Sodium	1	ug/l	5000	84000
Vanadium	1	ug/l	50	500
Zinc	1	ug/l	50	520

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	520
Arsenic	1	ug/l	2.0	480
Beryllium	1	ug/l	1.0	490
Cadmium	1	ug/l	2.0	480
Cobalt	1	ug/l	2.0	470
Lead	1	ug/l	3.0	500
Selenium	1	ug/l	10	480
Thallium	1	ug/l	2.0	440

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-001
 Client Id: DMW-15A
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42348	SW32415A	29	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42348	SW32415A	29	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42348	SW32415A	29	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	17	1	50	100	03/25/15	42348	SW32415A	29	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/25/15	42348	SW32415A	29	MS	MS2_7500SWA
7439-92-1	Lead	3.0	6.3	1	50	100	03/25/15	42348	SW32415A	29	MS	MS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42348	SW32415A	29	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	29	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-001
 Client Id: DMW-15A
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	820	1	50	50	03/24/15	42348	W17586A2	24	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/24/15	42348	W17586A2	24	P	PEICP2A
7440-70-2	Calcium	5000	12000	1	50	50	03/24/15	42348	W17586A2	24	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/24/15	42348	W17586A2	24	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/24/15	42348	W17586A2	24	P	PEICP2A
7439-89-6	Iron	300	1100	1	50	50	03/24/15	42348	W17586A2	24	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/24/15	42348	W17586A2	24	P	PEICP2A
7439-96-5	Manganese	40	150	1	50	50	03/24/15	42348	W17586A2	24	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/20/15	42348	17586SWB	18	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/24/15	42348	W17586A2	24	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42348	W17586B2	23	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/24/15	42348	W17586A2	24	P	PEICP2A
7440-23-5	Sodium	5000	20000	1	50	50	03/24/15	42348	W17586B2	23	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/24/15	42348	W17586A2	24	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/24/15	42348	W17586A2	24	P	PEICP2A

Comments:

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-002
 Client Id: DMW-15AF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/27/15	42349	SW32715A	29	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/27/15	42349	SW32715A	29	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/27/15	42349	SW32715A	29	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	8.2	1	50	100	03/27/15	42349	SW32715A	29	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/27/15	42349	SW32715A	29	MS	MS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/27/15	42349	SW32715A	29	MS	MS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/27/15	42349	SW32715A	29	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/24/15	42349	SW32315B	29	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-002
 Client Id: DMW-15AF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/23/15	42349	W17587A2	26	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/23/15	42349	W17587A2	26	P	PEICP2A
7440-70-2	Calcium	5000	14000	1	50	50	03/23/15	42349	W17587A2	26	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/23/15	42349	W17587A2	26	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/23/15	42349	W17587A2	26	P	PEICP2A
7439-89-6	Iron	300	ND	1	50	50	03/23/15	42349	W17587A2	26	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/23/15	42349	W17587A2	26	P	PEICP2A
7439-96-5	Manganese	40	ND	1	50	50	03/23/15	42349	W17587A2	26	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/23/15	42349	17587SWB	18	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/23/15	42349	W17587A2	26	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/23/15	42349	W17587B2	23	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/23/15	42349	W17587A2	26	P	PEICP2A
7440-23-5	Sodium	5000	23000	1	50	50	03/23/15	42349	W17587B2	23	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/23/15	42349	W17587A2	26	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/23/15	42349	W17587A2	26	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-003
 Client Id: DMW-15B
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	100	200	03/25/15	42348	SW32415A	19	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	100	200	03/25/15	42348	SW32415A	19	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	100	200	03/25/15	42348	SW32415A	19	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	ND	1	100	200	03/25/15	42348	SW32415A	19	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	100	200	03/25/15	42348	SW32415A	19	MS	MS2_7500SWA
7439-92-1	Lead	3.0	11	1	100	200	03/25/15	42348	SW32415A	19	MS	MS2_7500SWA
7782-49-2	Selenium	10	ND	1	100	200	03/25/15	42348	SW32415A	19	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	100	200	03/25/15	42348	SW32415A	19	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-003
 Client Id: DMW-15B
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	100	100	03/24/15	42348	W17586A2	15	P	PEICP2A
7440-39-3	Barium	50	ND	1	100	100	03/24/15	42348	W17586A2	15	P	PEICP2A
7440-70-2	Calcium	5000	9900	1	100	100	03/24/15	42348	W17586A2	15	P	PEICP2A
7440-47-3	Chromium	50	ND	1	100	100	03/24/15	42348	W17586A2	15	P	PEICP2A
7440-50-8	Copper	50	ND	1	100	100	03/24/15	42348	W17586A2	15	P	PEICP2A
7439-89-6	Iron	300	1500	1	100	100	03/24/15	42348	W17586A2	15	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	100	100	03/24/15	42348	W17586A2	15	P	PEICP2A
7439-96-5	Manganese	40	94	1	100	100	03/24/15	42348	W17586A2	15	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/20/15	42348	17586SWB	14	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	100	100	03/24/15	42348	W17586A2	15	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	100	100	03/24/15	42348	W17586B2	14	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	100	100	03/24/15	42348	W17586A2	15	P	PEICP2A
7440-23-5	Sodium	5000	32000	1	100	100	03/24/15	42348	W17586B2	14	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	100	100	03/24/15	42348	W17586A2	15	P	PEICP2A
7440-66-6	Zinc	50	ND	1	100	100	03/24/15	42348	W17586A2	15	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - Cold Vapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-004
 Client Id: DMW-15BF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/27/15	42349	SW32715A	19	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/27/15	42349	SW32715A	19	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/27/15	42349	SW32715A	19	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	ND	1	50	100	03/27/15	42349	SW32715A	19	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/27/15	42349	SW32715A	19	MS	MS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/27/15	42349	SW32715A	19	MS	MS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/27/15	42349	SW32715A	19	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/24/15	42349	SW32315B	19	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - Cold Vapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-004
 Client Id: DMW-15BF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	100	100	03/23/15	42349	W17587A2	15	P	PEICP2A
7440-39-3	Barium	50	ND	1	100	100	03/23/15	42349	W17587A2	15	P	PEICP2A
7440-70-2	Calcium	5000	11000	1	100	100	03/23/15	42349	W17587A2	15	P	PEICP2A
7440-47-3	Chromium	50	ND	1	100	100	03/23/15	42349	W17587A2	15	P	PEICP2A
7440-50-8	Copper	50	ND	1	100	100	03/23/15	42349	W17587A2	15	P	PEICP2A
7439-89-6	Iron	300	ND	1	100	100	03/23/15	42349	W17587A2	15	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	100	100	03/23/15	42349	W17587A2	15	P	PEICP2A
7439-96-5	Manganese	40	ND	1	100	100	03/23/15	42349	W17587A2	15	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/23/15	42349	17587SWB	14	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	100	100	03/23/15	42349	W17587A2	15	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	100	100	03/23/15	42349	W17587B2	14	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	100	100	03/23/15	42349	W17587A2	15	P	PEICP2A
7440-23-5	Sodium	5000	36000	1	100	100	03/23/15	42349	W17587B2	14	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	100	100	03/23/15	42349	W17587A2	15	P	PEICP2A
7440-66-6	Zinc	50	ND	1	100	100	03/23/15	42349	W17587A2	15	P	PEICP2A

Comments:

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-005
 Client Id: DMW-65B
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42348	SW32415A	30	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42348	SW32415A	30	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42348	SW32415A	30	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	30	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/25/15	42348	SW32415A	30	MS	MS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/25/15	42348	SW32415A	30	MS	MS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42348	SW32415A	30	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	30	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-005
 Client Id: DMW-65B
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/24/15	42348	W17586A2	25	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/24/15	42348	W17586A2	25	P	PEICP2A
7440-70-2	Calcium	5000	11000	1	50	50	03/24/15	42348	W17586A2	25	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/24/15	42348	W17586A2	25	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/24/15	42348	W17586A2	25	P	PEICP2A
7439-89-6	Iron	300	1600	1	50	50	03/24/15	42348	W17586A2	25	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/24/15	42348	W17586A2	25	P	PEICP2A
7439-96-5	Manganese	40	63	1	50	50	03/24/15	42348	W17586A2	25	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/20/15	42348	17586SWB	19	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/24/15	42348	W17586A2	25	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42348	W17586B2	24	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/24/15	42348	W17586A2	25	P	PEICP2A
7440-23-5	Sodium	5000	33000	1	50	50	03/24/15	42348	W17586B2	24	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/24/15	42348	W17586A2	25	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/24/15	42348	W17586A2	25	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-006
 Client Id: DMW-65BF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/27/15	42349	SW32715A	30	MSMS2_7500SWA	
7440-38-2	Arsenic	2.0	ND	1	50	100	03/27/15	42349	SW32715A	30	MSMS2_7500SWA	
7440-41-7	Beryllium	1.0	ND	1	50	100	03/27/15	42349	SW32715A	30	MSMS2_7500SWA	
7440-43-9	Cadmium	2.0	ND	1	50	100	03/27/15	42349	SW32715A	30	MSMS2_7500SWA	
7440-48-4	Cobalt	2.0	ND	1	50	100	03/27/15	42349	SW32715A	30	MSMS2_7500SWA	
7439-92-1	Lead	3.0	ND	1	50	100	03/27/15	42349	SW32715A	30	MSMS2_7500SWA	
7782-49-2	Selenium	10	ND	1	50	100	03/27/15	42349	SW32715A	30	MSMS2_7500SWA	
7440-28-0	Thallium	2.0	ND	1	50	100	03/24/15	42349	SW32315B	30	MSMS2_7500SWA	

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - Cold Vapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-006
 Client Id: DMW-65BF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/23/15	42349	W17587A2	27	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/23/15	42349	W17587A2	27	P	PEICP2A
7440-70-2	Calcium	5000	11000	1	50	50	03/23/15	42349	W17587A2	27	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/23/15	42349	W17587A2	27	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/23/15	42349	W17587A2	27	P	PEICP2A
7439-89-6	Iron	300	340	1	50	50	03/23/15	42349	W17587A2	27	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/23/15	42349	W17587A2	27	P	PEICP2A
7439-96-5	Manganese	40	45	1	50	50	03/23/15	42349	W17587A2	27	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/23/15	42349	W17587SWB	19	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/23/15	42349	W17587A2	27	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/23/15	42349	W17587B2	24	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/23/15	42349	W17587A2	27	P	PEICP2A
7440-23-5	Sodium	5000	35000	1	50	50	03/23/15	42349	W17587B2	24	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/23/15	42349	W17587A2	27	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/23/15	42349	W17587A2	27	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV - ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-007
 Client Id: DMW-22B
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42348	SW32415A	31	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42348	SW32415A	31	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42348	SW32415A	31	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	31	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/25/15	42348	SW32415A	31	MS	MS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/25/15	42348	SW32415A	31	MS	MS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42348	SW32415A	31	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	31	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-007
 Client Id: DMW-22B
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/24/15	42348	W17586A2	26	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/24/15	42348	W17586A2	26	P	PEICP2A
7440-70-2	Calcium	5000	27000	1	50	50	03/24/15	42348	W17586A2	26	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/24/15	42348	W17586A2	26	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/24/15	42348	W17586A2	26	P	PEICP2A
7439-89-6	Iron	300	ND	1	50	50	03/24/15	42348	W17586A2	26	P	PEICP2A
7439-95-4	Magnesium	5000	5100	1	50	50	03/24/15	42348	W17586A2	26	P	PEICP2A
7439-96-5	Manganese	40	550	1	50	50	03/24/15	42348	W17586A2	26	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/20/15	42348	17586SWB	20	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/24/15	42348	W17586A2	26	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42348	W17586B2	25	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/24/15	42348	W17586A2	26	P	PEICP2A
7440-23-5	Sodium	5000	15000	1	50	50	03/24/15	42348	W17586B2	25	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/24/15	42348	W17586A2	26	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/24/15	42348	W17586A2	26	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - Cold Vapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-008
 Client Id: DMW-22BF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/27/15	42349SW32715A		31	MSMS2_7500SWA	
7440-38-2	Arsenic	2.0	ND	1	50	100	03/27/15	42349SW32715A		31	MSMS2_7500SWA	
7440-41-7	Beryllium	1.0	ND	1	50	100	03/27/15	42349SW32715A		31	MSMS2_7500SWA	
7440-43-9	Cadmium	2.0	ND	1	50	100	03/27/15	42349SW32715A		31	MSMS2_7500SWA	
7440-48-4	Cobalt	2.0	ND	1	50	100	03/27/15	42349SW32715A		31	MSMS2_7500SWA	
7439-92-1	Lead	3.0	ND	1	50	100	03/27/15	42349SW32715A		31	MSMS2_7500SWA	
7782-49-2	Selenium	10	ND	1	50	100	03/27/15	42349SW32715A		31	MSMS2_7500SWA	
7440-28-0	Thallium	2.0	ND	1	50	100	03/24/15	42349SW32315B		31	MSMS2_7500SWA	

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-008
 Client Id: DMW-22BF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/23/15	42349	W17587A2	28	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/23/15	42349	W17587A2	28	P	PEICP2A
7440-70-2	Calcium	5000	31000	1	50	50	03/23/15	42349	W17587A2	28	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/23/15	42349	W17587A2	28	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/23/15	42349	W17587A2	28	P	PEICP2A
7439-89-6	Iron	300	ND	1	50	50	03/23/15	42349	W17587A2	28	P	PEICP2A
7439-95-4	Magnesium	5000	5900	1	50	50	03/23/15	42349	W17587A2	28	P	PEICP2A
7439-96-5	Manganese	40	590	1	50	50	03/23/15	42349	W17587A2	28	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/23/15	42349	17587SWB	20	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/23/15	42349	W17587A2	28	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/23/15	42349	W17587B2	25	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/23/15	42349	W17587A2	28	P	PEICP2A
7440-23-5	Sodium	5000	17000	1	50	50	03/23/15	42349	W17587B2	25	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/23/15	42349	W17587A2	28	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/23/15	42349	W17587A2	28	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - Cold Vapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-009
 Client Id: DMW-22A
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42348	SW32415A	32	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42348	SW32415A	32	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42348	SW32415A	32	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	32	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/25/15	42348	SW32415A	32	MS	MS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/25/15	42348	SW32415A	32	MS	MS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42348	SW32415A	32	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	32	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-009
 Client Id: DMW-22A
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/24/15	42348	W17586A2	27	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/24/15	42348	W17586A2	27	P	PEICP2A
7440-70-2	Calcium	5000	45000	1	50	50	03/24/15	42348	W17586A2	27	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/24/15	42348	W17586A2	27	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/24/15	42348	W17586A2	27	P	PEICP2A
7439-89-6	Iron	300	2100	1	50	50	03/24/15	42348	W17586A2	27	P	PEICP2A
7439-95-4	Magnesium	5000	7200	1	50	50	03/24/15	42348	W17586A2	27	P	PEICP2A
7439-96-5	Manganese	40	220	1	50	50	03/24/15	42348	W17586A2	27	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/20/15	42348	17586SWB	23	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/24/15	42348	W17586A2	27	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42348	W17586B2	26	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/24/15	42348	W17586A2	27	P	PEICP2A
7440-23-5	Sodium	5000	28000	1	50	50	03/24/15	42348	W17586B2	26	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/24/15	42348	W17586A2	27	P	PEICP2A
7440-66-6	Zinc	50	280	1	50	50	03/24/15	42348	W17586A2	27	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - Cold Vapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-010
 Client Id: DMW-22AF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/27/15	42349	SW32715A	32	MSMS2_7500SWA	
7440-38-2	Arsenic	2.0	ND	1	50	100	03/27/15	42349	SW32715A	32	MSMS2_7500SWA	
7440-41-7	Beryllium	1.0	ND	1	50	100	03/27/15	42349	SW32715A	32	MSMS2_7500SWA	
7440-43-9	Cadmium	2.0	ND	1	50	100	03/27/15	42349	SW32715A	32	MSMS2_7500SWA	
7440-48-4	Cobalt	2.0	ND	1	50	100	03/27/15	42349	SW32715A	32	MSMS2_7500SWA	
7439-92-1	Lead	3.0	ND	1	50	100	03/27/15	42349	SW32715A	32	MSMS2_7500SWA	
7782-49-2	Selenium	10	ND	1	50	100	03/27/15	42349	SW32715A	32	MSMS2_7500SWA	
7440-28-0	Thallium	2.0	ND	1	50	100	03/24/15	42349	SW32315B	32	MSMS2_7500SWA	

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -Cold Vapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-010
 Client Id: DMW-22AF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/23/15	42349	W17587A2	34	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/23/15	42349	W17587A2	34	P	PEICP2A
7440-70-2	Calcium	5000	51000	1	50	50	03/23/15	42349	W17587A2	34	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/23/15	42349	W17587A2	34	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/23/15	42349	W17587A2	34	P	PEICP2A
7439-89-6	Iron	300	640	1	50	50	03/23/15	42349	W17587A2	34	P	PEICP2A
7439-95-4	Magnesium	5000	8200	1	50	50	03/23/15	42349	W17587A2	34	P	PEICP2A
7439-96-5	Manganese	40	260	1	50	50	03/23/15	42349	W17587A2	34	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/23/15	42349	17587SWB	23	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/23/15	42349	W17587A2	34	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42349	W17587C2	11	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/23/15	42349	W17587A2	34	P	PEICP2A
7440-23-5	Sodium	5000	34000	1	50	50	03/24/15	42349	W17587C2	11	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/23/15	42349	W17587A2	34	P	PEICP2A
7440-66-6	Zinc	50	290	1	50	50	03/23/15	42349	W17587A2	34	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-011
 Client Id: DMW-13A
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42348	SW32415A	33	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42348	SW32415A	33	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42348	SW32415A	33	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	9.6	1	50	100	03/25/15	42348	SW32415A	33	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	17	1	50	100	03/25/15	42348	SW32415A	33	MS	MS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/25/15	42348	SW32415A	33	MS	MS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42348	SW32415A	33	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	33	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-011
 Client Id: DMW-13A
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	420	1	50	50	03/24/15	42348	W17586A2	28	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/24/15	42348	W17586A2	28	P	PEICP2A
7440-70-2	Calcium	5000	20000	1	50	50	03/24/15	42348	W17586A2	28	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/24/15	42348	W17586A2	28	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/24/15	42348	W17586A2	28	P	PEICP2A
7439-89-6	Iron	300	8600	1	50	50	03/24/15	42348	W17586A2	28	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/24/15	42348	W17586A2	28	P	PEICP2A
7439-96-5	Manganese	40	1100	1	50	50	03/24/15	42348	W17586A2	28	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/20/15	42348	17586SWB	24	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/24/15	42348	W17586A2	28	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42348	W17586B2	27	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/24/15	42348	W17586A2	28	P	PEICP2A
7440-23-5	Sodium	5000	43000	1	50	50	03/24/15	42348	W17586B2	27	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/24/15	42348	W17586A2	28	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/24/15	42348	W17586A2	28	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-012
 Client Id: DMW-13AF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/27/15	42349	SW32715A	33	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/27/15	42349	SW32715A	33	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/27/15	42349	SW32715A	33	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	9.1	1	50	100	03/27/15	42349	SW32715A	33	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	18	1	50	100	03/27/15	42349	SW32715A	33	MS	MS2_7500SWA
7439-92-1	Lead	3.0	25	1	50	100	03/27/15	42349	SW32715A	33	MS	MS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/27/15	42349	SW32715A	33	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/24/15	42349	SW32315B	33	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - Cold Vapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-012
 Client Id: DMW-13AF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/23/15	42349	W17587A2	35	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/23/15	42349	W17587A2	35	P	PEICP2A
7440-70-2	Calcium	5000	21000	1	50	50	03/23/15	42349	W17587A2	35	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/23/15	42349	W17587A2	35	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/23/15	42349	W17587A2	35	P	PEICP2A
7439-89-6	Iron	300	6200	1	50	50	03/23/15	42349	W17587A2	35	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/23/15	42349	W17587A2	35	P	PEICP2A
7439-96-5	Manganese	40	1200	1	50	50	03/23/15	42349	W17587A2	35	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/23/15	42349	17587SWB	24	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/23/15	42349	W17587A2	35	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42349	W17587C2	12	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/23/15	42349	W17587A2	35	P	PEICP2A
7440-23-5	Sodium	5000	47000	1	50	50	03/24/15	42349	W17587C2	12	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/23/15	42349	W17587A2	35	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/23/15	42349	W17587A2	35	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV - ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-013
 Client Id: DMW-13B
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42348	SW32415A	34		MSMS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42348	SW32415A	34		MSMS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42348	SW32415A	34		MSMS2_7500SWA
7440-43-9	Cadmium	2.0	4.0	1	50	100	03/25/15	42348	SW32415A	34		MSMS2_7500SWA
7440-48-4	Cobalt	2.0	3.0	1	50	100	03/25/15	42348	SW32415A	34		MSMS2_7500SWA
7439-92-1	Lead	3.0	6.3	1	50	100	03/25/15	42348	SW32415A	34		MSMS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42348	SW32415A	34		MSMS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	34		MSMS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-013
 Client Id: DMW-13B
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	1000	1	50	50	03/24/15	42348	W17586A2	34	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/24/15	42348	W17586A2	34	P	PEICP2A
7440-70-2	Calcium	5000	12000	1	50	50	03/24/15	42348	W17586A2	34	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/24/15	42348	W17586A2	34	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/24/15	42348	W17586A2	34	P	PEICP2A
7439-89-6	Iron	300	2100	1	50	50	03/24/15	42348	W17586A2	34	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/24/15	42348	W17586A2	34	P	PEICP2A
7439-96-5	Manganese	40	780	1	50	50	03/24/15	42348	W17586A2	34	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/20/15	42348	17586SWB	25	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/24/15	42348	W17586A2	34	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42348	W17586B2	33	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/24/15	42348	W17586A2	34	P	PEICP2A
7440-23-5	Sodium	5000	12000	1	50	50	03/24/15	42348	W17586B2	33	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/24/15	42348	W17586A2	34	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/24/15	42348	W17586A2	34	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-014
 Client Id: DMW-13BF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/27/15	42349SW32715A		34	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/27/15	42349SW32715A		34	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/27/15	42349SW32715A		34	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	ND	1	50	100	03/27/15	42349SW32715A		34	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/27/15	42349SW32715A		34	MS	MS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/27/15	42349SW32715A		34	MS	MS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/27/15	42349SW32715A		34	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/24/15	42349SW32315B		34	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-014
 Client Id: DMW-13BF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/23/15	42349	W17587A2	36	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/23/15	42349	W17587A2	36	P	PEICP2A
7440-70-2	Calcium	5000	13000	1	50	50	03/23/15	42349	W17587A2	36	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/23/15	42349	W17587A2	36	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/23/15	42349	W17587A2	36	P	PEICP2A
7439-89-6	Iron	300	ND	1	50	50	03/23/15	42349	W17587A2	36	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/23/15	42349	W17587A2	36	P	PEICP2A
7439-96-5	Manganese	40	ND	1	50	50	03/23/15	42349	W17587A2	36	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/23/15	42349	17587SWB	25	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/23/15	42349	W17587A2	36	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42349	W17587C2	13	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/23/15	42349	W17587A2	36	P	PEICP2A
7440-23-5	Sodium	5000	13000	1	50	50	03/24/15	42349	W17587C2	13	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/23/15	42349	W17587A2	36	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/23/15	42349	W17587A2	36	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - Cold Vapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-015
 Client Id: DMW-23A
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42348	SW32415A	35	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42348	SW32415A	35	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42348	SW32415A	35	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	10	1	50	100	03/25/15	42348	SW32415A	35	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/25/15	42348	SW32415A	35	MS	MS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/25/15	42348	SW32415A	35	MS	MS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42348	SW32415A	35	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	35	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV - Cold Vapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-015
 Client Id: DMW-23A
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/24/15	42348	W17586A2	35	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/24/15	42348	W17586A2	35	P	PEICP2A
7440-70-2	Calcium	5000	41000	1	50	50	03/24/15	42348	W17586A2	35	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/24/15	42348	W17586A2	35	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/24/15	42348	W17586A2	35	P	PEICP2A
7439-89-6	Iron	300	8000	1	50	50	03/24/15	42348	W17586A2	35	P	PEICP2A
7439-95-4	Magnesium	5000	8600	1	50	50	03/24/15	42348	W17586A2	35	P	PEICP2A
7439-96-5	Manganese	40	780	1	50	50	03/24/15	42348	W17586A2	35	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/20/15	42348	17586SWB	26	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/24/15	42348	W17586A2	35	P	PEICP2A
7440-09-7	Potassium	5000	6400	1	50	50	03/24/15	42348	W17586B2	34	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/24/15	42348	W17586A2	35	P	PEICP2A
7440-23-5	Sodium	5000	91000	1	50	50	03/24/15	42348	W17586B2	34	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/24/15	42348	W17586A2	35	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/24/15	42348	W17586A2	35	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-016
 Client Id: DMW-23AF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/27/15	42349	SW32715A	35	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/27/15	42349	SW32715A	35	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/27/15	42349	SW32715A	35	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	ND	1	50	100	03/27/15	42349	SW32715A	35	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/27/15	42349	SW32715A	35	MS	MS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/27/15	42349	SW32715A	35	MS	MS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/27/15	42349	SW32715A	35	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/24/15	42349	SW32315B	35	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-016
 Client Id: DMW-23AF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/23/15	42349	W17587A2	37	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/23/15	42349	W17587A2	37	P	PEICP2A
7440-70-2	Calcium	5000	40000	1	50	50	03/23/15	42349	W17587A2	37	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/23/15	42349	W17587A2	37	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/23/15	42349	W17587A2	37	P	PEICP2A
7439-89-6	Iron	300	6400	1	50	50	03/23/15	42349	W17587A2	37	P	PEICP2A
7439-95-4	Magnesium	5000	8400	1	50	50	03/23/15	42349	W17587A2	37	P	PEICP2A
7439-96-5	Manganese	40	820	1	50	50	03/23/15	42349	W17587A2	37	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/23/15	42349	17587SWB	26	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/23/15	42349	W17587A2	37	P	PEICP2A
7440-09-7	Potassium	5000	6800	1	50	50	03/24/15	42349	W17587C2	14	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/23/15	42349	W17587A2	37	P	PEICP2A
7440-23-5	Sodium	5000	95000	1	50	50	03/24/15	42349	W17587C2	14	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/23/15	42349	W17587A2	37	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/23/15	42349	W17587A2	37	P	PEICP2A

Comments:

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-017
 Client Id: DMW-23B
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42348	SW32415A	36	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42348	SW32415A	36	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42348	SW32415A	36	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	27	1	50	100	03/25/15	42348	SW32415A	36	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/25/15	42348	SW32415A	36	MS	MS2_7500SWA
7439-92-1	Lead	3.0	5.6	1	50	100	03/25/15	42348	SW32415A	36	MS	MS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42348	SW32415A	36	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	36	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-017
 Client Id: DMW-23B
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	730	1	50	50	03/24/15	42348	W17586A2	36	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/24/15	42348	W17586A2	36	P	PEICP2A
7440-70-2	Calcium	5000	8900	1	50	50	03/24/15	42348	W17586A2	36	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/24/15	42348	W17586A2	36	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/24/15	42348	W17586A2	36	P	PEICP2A
7439-89-6	Iron	300	1600	1	50	50	03/24/15	42348	W17586A2	36	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/24/15	42348	W17586A2	36	P	PEICP2A
7439-96-5	Manganese	40	ND	1	50	50	03/24/15	42348	W17586A2	36	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/20/15	42348	17586SWB	27	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/24/15	42348	W17586A2	36	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42348	W17586B2	35	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/24/15	42348	W17586A2	36	P	PEICP2A
7440-23-5	Sodium	5000	25000	1	50	50	03/24/15	42348	W17586B2	35	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/24/15	42348	W17586A2	36	P	PEICP2A
7440-66-6	Zinc	50	61	1	50	50	03/24/15	42348	W17586A2	36	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - Cold Vapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-018
 Client Id: DMW-23BF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc.	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/27/15	42349	SW32715A	36	MSMS2_7500SWA	
7440-38-2	Arsenic	2.0	ND	1	50	100	03/27/15	42349	SW32715A	36	MSMS2_7500SWA	
7440-41-7	Beryllium	1.0	ND	1	50	100	03/27/15	42349	SW32715A	36	MSMS2_7500SWA	
7440-43-9	Cadmium	2.0	31	1	50	100	03/27/15	42349	SW32715A	36	MSMS2_7500SWA	
7440-48-4	Cobalt	2.0	ND	1	50	100	03/27/15	42349	SW32715A	36	MSMS2_7500SWA	
7439-92-1	Lead	3.0	ND	1	50	100	03/27/15	42349	SW32715A	36	MSMS2_7500SWA	
7782-49-2	Selenium	10	ND	1	50	100	03/27/15	42349	SW32715A	36	MSMS2_7500SWA	
7440-28-0	Thallium	2.0	ND	1	50	100	03/24/15	42349	SW32315B	36	MSMS2_7500SWA	

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-018
 Client Id: DMW-23BF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/23/15	42349	W17587A2	38	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/23/15	42349	W17587A2	38	P	PEICP2A
7440-70-2	Calcium	5000	9900	1	50	50	03/23/15	42349	W17587A2	38	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/23/15	42349	W17587A2	38	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/23/15	42349	W17587A2	38	P	PEICP2A
7439-89-6	Iron	300	ND	1	50	50	03/23/15	42349	W17587A2	38	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/23/15	42349	W17587A2	38	P	PEICP2A
7439-96-5	Manganese	40	ND	1	50	50	03/23/15	42349	W17587A2	38	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/23/15	42349	17587SWB	27	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/23/15	42349	W17587A2	38	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42349	W17587C2	15	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/23/15	42349	W17587A2	38	P	PEICP2A
7440-23-5	Sodium	5000	27000	1	50	50	03/24/15	42349	W17587C2	15	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/23/15	42349	W17587A2	38	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/23/15	42349	W17587A2	38	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-019
 Client Id: DMW-18
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42348	SW32415A	37		MSMS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42348	SW32415A	37		MSMS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42348	SW32415A	37		MSMS2_7500SWA
7440-43-9	Cadmium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	37		MSMS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/25/15	42348	SW32415A	37		MSMS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/25/15	42348	SW32415A	37		MSMS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42348	SW32415A	37		MSMS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	37		MSMS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-019
 Client Id: DMW-18
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	440	1	50	50	03/24/15	42348	W17586A2	37	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/24/15	42348	W17586A2	37	P	PEICP2A
7440-70-2	Calcium	5000	18000	1	50	50	03/24/15	42348	W17586A2	37	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/24/15	42348	W17586A2	37	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/24/15	42348	W17586A2	37	P	PEICP2A
7439-89-6	Iron	300	520	1	50	50	03/24/15	42348	W17586A2	37	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/24/15	42348	W17586A2	37	P	PEICP2A
7439-96-5	Manganese	40	720	1	50	50	03/24/15	42348	W17586A2	37	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/20/15	42348	17586SWB	28	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/24/15	42348	W17586A2	37	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42348	W17586B2	36	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/24/15	42348	W17586A2	37	P	PEICP2A
7440-23-5	Sodium	5000	37000	1	50	50	03/24/15	42348	W17586B2	36	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/24/15	42348	W17586A2	37	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/24/15	42348	W17586A2	37	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-020
 Client Id: DMW-18F
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/27/15	42349	SW32715A	37	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/27/15	42349	SW32715A	37	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/27/15	42349	SW32715A	37	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	ND	1	50	100	03/27/15	42349	SW32715A	37	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/27/15	42349	SW32715A	37	MS	MS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/27/15	42349	SW32715A	37	MS	MS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/27/15	42349	SW32715A	37	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/24/15	42349	SW32315B	37	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - Cold Vapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-020
 Client Id: DMW-18F
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/23/15	42349	W17587A2	39	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/23/15	42349	W17587A2	39	P	PEICP2A
7440-70-2	Calcium	5000	19000	1	50	50	03/23/15	42349	W17587A2	39	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/23/15	42349	W17587A2	39	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/23/15	42349	W17587A2	39	P	PEICP2A
7439-89-6	Iron	300	ND	1	50	50	03/23/15	42349	W17587A2	39	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/23/15	42349	W17587A2	39	P	PEICP2A
7439-96-5	Manganese	40	ND	1	50	50	03/23/15	42349	W17587A2	39	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/23/15	42349	17587SWB	28	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/23/15	42349	W17587A2	39	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42349	W17587C2	16	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/23/15	42349	W17587A2	39	P	PEICP2A
7440-23-5	Sodium	5000	39000	1	50	50	03/24/15	42349	W17587C2	16	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/23/15	42349	W17587A2	39	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/23/15	42349	W17587A2	39	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV - ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-021
 Client Id: DMW-17
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42348	SW32415A	42	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42348	SW32415A	42	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42348	SW32415A	42	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	42	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/25/15	42348	SW32415A	42	MS	MS2_7500SWA
7439-92-1	Lead	3.0	6.5	1	50	100	03/25/15	42348	SW32415A	42	MS	MS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42348	SW32415A	42	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	42	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-021
 Client Id: DMW-17
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/24/15	42348	W17586A2	38	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/24/15	42348	W17586A2	38	P	PEICP2A
7440-70-2	Calcium	5000	37000	1	50	50	03/24/15	42348	W17586A2	38	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/24/15	42348	W17586A2	38	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/24/15	42348	W17586A2	38	P	PEICP2A
7439-89-6	Iron	300	880	1	50	50	03/24/15	42348	W17586A2	38	P	PEICP2A
7439-95-4	Magnesium	5000	11000	1	50	50	03/24/15	42348	W17586A2	38	P	PEICP2A
7439-96-5	Manganese	40	520	1	50	50	03/24/15	42348	W17586A2	38	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/20/15	42348	17586SWB	29	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/24/15	42348	W17586A2	38	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42348	W17586B2	37	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/24/15	42348	W17586A2	38	P	PEICP2A
7440-23-5	Sodium	5000	7100	1	50	50	03/24/15	42348	W17586B2	37	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/24/15	42348	W17586A2	38	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/24/15	42348	W17586A2	38	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-022
 Client Id: DMW-17F
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42349	SW32515A	16	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42349	SW32515A	16	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42349	SW32515A	16	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	4.1	1	50	100	03/25/15	42349	SW32515A	16	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/25/15	42349	SW32515A	16	MS	MS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/25/15	42349	SW32515A	16	MS	MS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42349	SW32515A	16	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/24/15	42349	SW32315B	42	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - Cold Vapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-022
 Client Id: DMW-17F
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/23/15	42349	W17587A2	40	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/23/15	42349	W17587A2	40	P	PEICP2A
7440-70-2	Calcium	5000	41000	1	50	50	03/23/15	42349	W17587A2	40	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/23/15	42349	W17587A2	40	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/23/15	42349	W17587A2	40	P	PEICP2A
7439-89-6	Iron	300	ND	1	50	50	03/23/15	42349	W17587A2	40	P	PEICP2A
7439-95-4	Magnesium	5000	12000	1	50	50	03/23/15	42349	W17587A2	40	P	PEICP2A
7439-96-5	Manganese	40	ND	1	50	50	03/23/15	42349	W17587A2	40	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/23/15	42349	17587SWB	29	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/23/15	42349	W17587A2	40	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42349	W17587C2	17	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/23/15	42349	W17587A2	40	P	PEICP2A
7440-23-5	Sodium	5000	8400	1	50	50	03/24/15	42349	W17587C2	17	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/23/15	42349	W17587A2	40	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/23/15	42349	W17587A2	40	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-023
 Client Id: DMW-9B
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42348	SW32415A	43	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42348	SW32415A	43	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42348	SW32415A	43	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	43	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/25/15	42348	SW32415A	43	MS	MS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/25/15	42348	SW32415A	43	MS	MS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42348	SW32415A	43	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	43	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-023
 Client Id: DMW-9B
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/24/15	42348	W17586A2	42	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/24/15	42348	W17586A2	42	P	PEICP2A
7440-70-2	Calcium	5000	6400	1	50	50	03/24/15	42348	W17586A2	42	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/24/15	42348	W17586A2	42	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/24/15	42348	W17586A2	42	P	PEICP2A
7439-89-6	Iron	300	ND	1	50	50	03/24/15	42348	W17586A2	42	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/24/15	42348	W17586A2	42	P	PEICP2A
7439-96-5	Manganese	40	44	1	50	50	03/24/15	42348	W17586A2	42	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/20/15	42348	17586SWB	30	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/24/15	42348	W17586A2	42	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42348	W17586B2	41	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/24/15	42348	W17586A2	42	P	PEICP2A
7440-23-5	Sodium	5000	13000	1	50	50	03/24/15	42348	W17586B2	41	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/24/15	42348	W17586A2	42	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/24/15	42348	W17586A2	42	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - Cold Vapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-024
 Client Id: DMW-9BF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42349	SW32515A	17	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42349	SW32515A	17	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42349	SW32515A	17	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	2.5	1	50	100	03/25/15	42349	SW32515A	17	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/25/15	42349	SW32515A	17	MS	MS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/25/15	42349	SW32515A	17	MS	MS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42349	SW32515A	17	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/24/15	42349	SW32315B	43	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - Cold Vapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-024
 Client Id: DMW-9BF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/23/15	42349	W17587A2	44	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/23/15	42349	W17587A2	44	P	PEICP2A
7440-70-2	Calcium	5000	6700	1	50	50	03/23/15	42349	W17587A2	44	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/23/15	42349	W17587A2	44	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/23/15	42349	W17587A2	44	P	PEICP2A
7439-89-6	Iron	300	ND	1	50	50	03/23/15	42349	W17587A2	44	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/23/15	42349	W17587A2	44	P	PEICP2A
7439-96-5	Manganese	40	ND	1	50	50	03/23/15	42349	W17587A2	44	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/23/15	42349	17587SWB	30	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/23/15	42349	W17587A2	44	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42349	W17587C2	21	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/23/15	42349	W17587A2	44	P	PEICP2A
7440-23-5	Sodium	5000	14000	1	50	50	03/24/15	42349	W17587C2	21	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/23/15	42349	W17587A2	44	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/23/15	42349	W17587A2	44	P	PEICP2A

Comments:

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-025
 Client Id: DFB
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42348SW32415A	44	MSMS2_7500SWA		
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42348SW32415A	44	MSMS2_7500SWA		
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42348SW32415A	44	MSMS2_7500SWA		
7440-43-9	Cadmium	2.0	ND	1	50	100	03/25/15	42348SW32415A	44	MSMS2_7500SWA		
7440-48-4	Cobalt	2.0	ND	1	50	100	03/25/15	42348SW32415A	44	MSMS2_7500SWA		
7439-92-1	Lead	3.0	ND	1	50	100	03/25/15	42348SW32415A	44	MSMS2_7500SWA		
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42348SW32415A	44	MSMS2_7500SWA		
7440-28-0	Thallium	2.0	ND	1	50	100	03/25/15	42348SW32415A	44	MSMS2_7500SWA		

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-025
 Client Id: DFB
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/24/15	42348	W17586A2	43	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/24/15	42348	W17586A2	43	P	PEICP2A
7440-70-2	Calcium	5000	ND	1	50	50	03/24/15	42348	W17586A2	43	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/24/15	42348	W17586A2	43	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/24/15	42348	W17586A2	43	P	PEICP2A
7439-89-6	Iron	300	ND	1	50	50	03/24/15	42348	W17586A2	43	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/24/15	42348	W17586A2	43	P	PEICP2A
7439-96-5	Manganese	40	ND	1	50	50	03/24/15	42348	W17586A2	43	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/20/15	42348	17586SWB	31	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/24/15	42348	W17586A2	43	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42348	W17586B2	42	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/24/15	42348	W17586A2	43	P	PEICP2A
7440-23-5	Sodium	5000	ND	1	50	50	03/24/15	42348	W17586B2	42	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/24/15	42348	W17586A2	43	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/24/15	42348	W17586A2	43	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -Cold Vapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-026
 Client Id: DFB-F
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42349	SW32515A	18	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42349	SW32515A	18	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42349	SW32515A	18	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	ND	1	50	100	03/25/15	42349	SW32515A	18	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/25/15	42349	SW32515A	18	MS	MS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/25/15	42349	SW32515A	18	MS	MS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42349	SW32515A	18	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/24/15	42349	SW32315B	44	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV - Cold Vapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-026
 Client Id: DFB-F
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/23/15	42349	W17587A2	45	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/23/15	42349	W17587A2	45	P	PEICP2A
7440-70-2	Calcium	5000	ND	1	50	50	03/23/15	42349	W17587A2	45	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/23/15	42349	W17587A2	45	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/23/15	42349	W17587A2	45	P	PEICP2A
7439-89-6	Iron	300	ND	1	50	50	03/23/15	42349	W17587A2	45	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/23/15	42349	W17587A2	45	P	PEICP2A
7439-96-5	Manganese	40	ND	1	50	50	03/23/15	42349	W17587A2	45	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/23/15	42349	17587SWB	31	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/23/15	42349	W17587A2	45	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42349	W17587C2	22	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/23/15	42349	W17587A2	45	P	PEICP2A
7440-23-5	Sodium	5000	ND	1	50	50	03/24/15	42349	W17587C2	22	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/23/15	42349	W17587A2	45	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/23/15	42349	W17587A2	45	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV - ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-027
 Client Id: DMW-2
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42348SW32415A		45	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	21	1	50	100	03/25/15	42348SW32415A		45	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42348SW32415A		45	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	15	1	50	100	03/25/15	42348SW32415A		45	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	13	1	50	100	03/25/15	42348SW32415A		45	MS	MS2_7500SWA
7439-92-1	Lead	3.0	29	1	50	100	03/25/15	42348SW32415A		45	MS	MS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42348SW32415A		45	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/25/15	42348SW32415A		45	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-027
 Client Id: DMW-2
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	7200	1	50	50	03/24/15	42348	W17586A2	44	P	PEICP2A
7440-39-3	Barium	50	65	1	50	50	03/24/15	42348	W17586A2	44	P	PEICP2A
7440-70-2	Calcium	5000	21000	1	50	50	03/24/15	42348	W17586A2	44	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/24/15	42348	W17586A2	44	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/24/15	42348	W17586A2	44	P	PEICP2A
7439-89-6	Iron	300	98000	1	50	50	03/24/15	42348	W17586A2	44	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/24/15	42348	W17586A2	44	P	PEICP2A
7439-96-5	Manganese	40	410	1	50	50	03/24/15	42348	W17586A2	44	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/20/15	42348	17586SWB	32	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/24/15	42348	W17586A2	44	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42348	W17586B2	43	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/24/15	42348	W17586A2	44	P	PEICP2A
7440-23-5	Sodium	5000	19000	1	50	50	03/24/15	42348	W17586B2	43	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/24/15	42348	W17586A2	44	P	PEICP2A
7440-66-6	Zinc	50	210	1	50	50	03/24/15	42348	W17586A2	44	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-028
 Client Id: DMW-2F
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42349	SW32515A	19	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42349	SW32515A	19	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42349	SW32515A	19	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	2.6	1	50	100	03/25/15	42349	SW32515A	19	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	3.8	1	50	100	03/25/15	42349	SW32515A	19	MS	MS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/25/15	42349	SW32515A	19	MS	MS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42349	SW32515A	19	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/24/15	42349	SW32315B	45	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - Cold Vapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-028
 Client Id: DMW-2F
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/23/15	42349	W17587A2	46	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/23/15	42349	W17587A2	46	P	PEICP2A
7440-70-2	Calcium	5000	20000	1	50	50	03/23/15	42349	W17587A2	46	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/23/15	42349	W17587A2	46	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/23/15	42349	W17587A2	46	P	PEICP2A
7439-89-6	Iron	300	4200	1	50	50	03/23/15	42349	W17587A2	46	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/23/15	42349	W17587A2	46	P	PEICP2A
7439-96-5	Manganese	40	240	1	50	50	03/23/15	42349	W17587A2	46	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/23/15	42349	17587SWB	32	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/23/15	42349	W17587A2	46	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42349	W17587C2	23	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/23/15	42349	W17587A2	46	P	PEICP2A
7440-23-5	Sodium	5000	20000	1	50	50	03/24/15	42349	W17587C2	23	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/23/15	42349	W17587A2	46	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/23/15	42349	W17587A2	46	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV - ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-029
 Client Id: DMW-9
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42348	SW32415A	46		MSMS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42348	SW32415A	46		MSMS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42348	SW32415A	46		MSMS2_7500SWA
7440-43-9	Cadmium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	46		MSMS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/25/15	42348	SW32415A	46		MSMS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/25/15	42348	SW32415A	46		MSMS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42348	SW32415A	46		MSMS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	46		MSMS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-029
 Client Id: DMW-9
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/24/15	42348	W17586A2	45	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/24/15	42348	W17586A2	45	P	PEICP2A
7440-70-2	Calcium	5000	13000	1	50	50	03/24/15	42348	W17586A2	45	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/24/15	42348	W17586A2	45	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/24/15	42348	W17586A2	45	P	PEICP2A
7439-89-6	Iron	300	550	1	50	50	03/24/15	42348	W17586A2	45	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/24/15	42348	W17586A2	45	P	PEICP2A
7439-96-5	Manganese	40	ND	1	50	50	03/24/15	42348	W17586A2	45	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/20/15	42348	17586SWB	35	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/24/15	42348	W17586A2	45	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42348	W17586B2	44	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/24/15	42348	W17586A2	45	P	PEICP2A
7440-23-5	Sodium	5000	18000	1	50	50	03/24/15	42348	W17586B2	44	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/24/15	42348	W17586A2	45	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/24/15	42348	W17586A2	45	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-030
 Client Id: DMW-9F
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/26/15	42349	SW32515A	20	MSMS2_7500SWA	
7440-38-2	Arsenic	2.0	ND	1	50	100	03/26/15	42349	SW32515A	20	MSMS2_7500SWA	
7440-41-7	Beryllium	1.0	ND	1	50	100	03/26/15	42349	SW32515A	20	MSMS2_7500SWA	
7440-43-9	Cadmium	2.0	2.4	1	50	100	03/26/15	42349	SW32515A	20	MSMS2_7500SWA	
7440-48-4	Cobalt	2.0	ND	1	50	100	03/26/15	42349	SW32515A	20	MSMS2_7500SWA	
7439-92-1	Lead	3.0	ND	1	50	100	03/26/15	42349	SW32515A	20	MSMS2_7500SWA	
7782-49-2	Selenium	10	ND	1	50	100	03/26/15	42349	SW32515A	20	MSMS2_7500SWA	
7440-28-0	Thallium	2.0	ND	1	50	100	03/24/15	42349	SW32315B	46	MSMS2_7500SWA	

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - Cold Vapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-030
 Client Id: DMW-9F
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/23/15	42349	W17587A2	47	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/23/15	42349	W17587A2	47	P	PEICP2A
7440-70-2	Calcium	5000	14000	1	50	50	03/23/15	42349	W17587A2	47	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/23/15	42349	W17587A2	47	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/23/15	42349	W17587A2	47	P	PEICP2A
7439-89-6	Iron	300	ND	1	50	50	03/23/15	42349	W17587A2	47	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/23/15	42349	W17587A2	47	P	PEICP2A
7439-96-5	Manganese	40	ND	1	50	50	03/23/15	42349	W17587A2	47	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/23/15	42349	17587SWB	35	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/23/15	42349	W17587A2	47	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42349	W17587C2	24	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/23/15	42349	W17587A2	47	P	PEICP2A
7440-23-5	Sodium	5000	21000	1	50	50	03/24/15	42349	W17587C2	24	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/23/15	42349	W17587A2	47	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/23/15	42349	W17587A2	47	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-031
 Client Id: DMW-3
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42348	SW32415A	47	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42348	SW32415A	47	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42348	SW32415A	47	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	20	1	50	100	03/25/15	42348	SW32415A	47	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/25/15	42348	SW32415A	47	MS	MS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/25/15	42348	SW32415A	47	MS	MS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42348	SW32415A	47	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	47	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-031
 Client Id: DMW-3
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	490	1	50	50	03/24/15	42348	W17586A2	46	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/24/15	42348	W17586A2	46	P	PEICP2A
7440-70-2	Calcium	5000	9300	1	50	50	03/24/15	42348	W17586A2	46	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/24/15	42348	W17586A2	46	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/24/15	42348	W17586A2	46	P	PEICP2A
7439-89-6	Iron	300	510	1	50	50	03/24/15	42348	W17586A2	46	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/24/15	42348	W17586A2	46	P	PEICP2A
7439-96-5	Manganese	40	64	1	50	50	03/24/15	42348	W17586A2	46	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/20/15	42348	17586SWB	36	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/24/15	42348	W17586A2	46	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42348	W17586B2	45	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/24/15	42348	W17586A2	46	P	PEICP2A
7440-23-5	Sodium	5000	18000	1	50	50	03/24/15	42348	W17586B2	45	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/24/15	42348	W17586A2	46	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/24/15	42348	W17586A2	46	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-032
 Client Id: DMW-3F
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/26/15	42349	SW32515A	21	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/26/15	42349	SW32515A	21	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/26/15	42349	SW32515A	21	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	14	1	50	100	03/26/15	42349	SW32515A	21	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/26/15	42349	SW32515A	21	MS	MS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/26/15	42349	SW32515A	21	MS	MS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/26/15	42349	SW32515A	21	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/24/15	42349	SW32315B	47	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - Cold Vapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-032
 Client Id: DMW-3F
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/23/15	42349	W17587A2	48	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/23/15	42349	W17587A2	48	P	PEICP2A
7440-70-2	Calcium	5000	9300	1	50	50	03/23/15	42349	W17587A2	48	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/23/15	42349	W17587A2	48	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/23/15	42349	W17587A2	48	P	PEICP2A
7439-89-6	Iron	300	ND	1	50	50	03/23/15	42349	W17587A2	48	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/23/15	42349	W17587A2	48	P	PEICP2A
7439-96-5	Manganese	40	ND	1	50	50	03/23/15	42349	W17587A2	48	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/23/15	42349	17587SWB	36	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/23/15	42349	W17587A2	48	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42349	W17587C2	25	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/23/15	42349	W17587A2	48	P	PEICP2A
7440-23-5	Sodium	5000	18000	1	50	50	03/24/15	42349	W17587C2	25	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/23/15	42349	W17587A2	48	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/23/15	42349	W17587A2	48	P	PEICP2A

Comments:

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - Cold Vapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-033
 Client Id: DMW-15B MS
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	500	1	50	100	03/25/15	42348	SW32415A	22	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	490	1	50	100	03/25/15	42348	SW32415A	22	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	500	1	50	100	03/25/15	42348	SW32415A	22	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	480	1	50	100	03/25/15	42348	SW32415A	22	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	490	1	50	100	03/25/15	42348	SW32415A	22	MS	MS2_7500SWA
7439-92-1	Lead	3.0	490	1	50	100	03/25/15	42348	SW32415A	22	MS	MS2_7500SWA
7782-49-2	Selenium	10	470	1	50	100	03/25/15	42348	SW32415A	22	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	470	1	50	100	03/25/15	42348	SW32415A	22	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-033
 Client Id: DMW-15B MS
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	4600	1	50	50	03/24/15	42348	W17586A2	17	P	PEICP2A
7440-39-3	Barium	50	490	1	50	50	03/24/15	42348	W17586A2	17	P	PEICP2A
7440-70-2	Calcium	5000	56000	1	50	50	03/24/15	42348	W17586A2	17	P	PEICP2A
7440-47-3	Chromium	50	460	1	50	50	03/24/15	42348	W17586A2	17	P	PEICP2A
7440-50-8	Copper	50	460	1	50	50	03/24/15	42348	W17586A2	17	P	PEICP2A
7439-89-6	Iron	300	6100	1	50	50	03/24/15	42348	W17586A2	17	P	PEICP2A
7439-95-4	Magnesium	5000	49000	1	50	50	03/24/15	42348	W17586A2	17	P	PEICP2A
7439-96-5	Manganese	40	540	1	50	50	03/24/15	42348	W17586A2	17	P	PEICP2A
7439-97-6	Mercury	0.70	9.3	1	25	25	03/20/15	42348	17586SWB	16	CV	HGCV1A
7440-02-0	Nickel	50	460	1	50	50	03/24/15	42348	W17586A2	17	P	PEICP2A
7440-09-7	Potassium	5000	49000	1	50	50	03/24/15	42348	W17586B2	16	P	PEICPRAD2A
7440-22-4	Silver	20	86	1	50	50	03/24/15	42348	W17586A2	17	P	PEICP2A
7440-23-5	Sodium	5000	78000	1	50	50	03/24/15	42348	W17586B2	16	P	PEICPRAD2A
7440-62-2	Vanadium	50	450	1	50	50	03/24/15	42348	W17586A2	17	P	PEICP2A
7440-66-6	Zinc	50	480	1	50	50	03/24/15	42348	W17586A2	17	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-034
 Client Id: DMW-15B MSD
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	490	1	50	100	03/25/15	42348	SW32415A	23		MSMS2_7500SWA
7440-38-2	Arsenic	2.0	470	1	50	100	03/25/15	42348	SW32415A	23		MSMS2_7500SWA
7440-41-7	Beryllium	1.0	490	1	50	100	03/25/15	42348	SW32415A	23		MSMS2_7500SWA
7440-43-9	Cadmium	2.0	460	1	50	100	03/25/15	42348	SW32415A	23		MSMS2_7500SWA
7440-48-4	Cobalt	2.0	460	1	50	100	03/25/15	42348	SW32415A	23		MSMS2_7500SWA
7439-92-1	Lead	3.0	470	1	50	100	03/25/15	42348	SW32415A	23		MSMS2_7500SWA
7782-49-2	Selenium	10	460	1	50	100	03/25/15	42348	SW32415A	23		MSMS2_7500SWA
7440-28-0	Thallium	2.0	440	1	50	100	03/25/15	42348	SW32415A	23		MSMS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-034
 Client Id: DMW-15B MSD
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	4600	1	50	50	03/24/15	42348	W17586A2	18	P	PEICP2A
7440-39-3	Barium	50	490	1	50	50	03/24/15	42348	W17586A2	18	P	PEICP2A
7440-70-2	Calcium	5000	57000	1	50	50	03/24/15	42348	W17586A2	18	P	PEICP2A
7440-47-3	Chromium	50	460	1	50	50	03/24/15	42348	W17586A2	18	P	PEICP2A
7440-50-8	Copper	50	460	1	50	50	03/24/15	42348	W17586A2	18	P	PEICP2A
7439-89-6	Iron	300	6000	1	50	50	03/24/15	42348	W17586A2	18	P	PEICP2A
7439-95-4	Magnesium	5000	50000	1	50	50	03/24/15	42348	W17586A2	18	P	PEICP2A
7439-96-5	Manganese	40	520	1	50	50	03/24/15	42348	W17586A2	18	P	PEICP2A
7439-97-6	Mercury	0.70	10	1	25	25	03/20/15	42348	17586SWB	17	CV	HGCV1A
7440-02-0	Nickel	50	460	1	50	50	03/24/15	42348	W17586A2	18	P	PEICP2A
7440-09-7	Potassium	5000	49000	1	50	50	03/24/15	42348	W17586B2	17	P	PEICPRAD2A
7440-22-4	Silver	20	86	1	50	50	03/24/15	42348	W17586A2	18	P	PEICP2A
7440-23-5	Sodium	5000	77000	1	50	50	03/24/15	42348	W17586B2	17	P	PEICPRAD2A
7440-62-2	Vanadium	50	450	1	50	50	03/24/15	42348	W17586A2	18	P	PEICP2A
7440-66-6	Zinc	50	490	1	50	50	03/24/15	42348	W17586A2	18	P	PEICP2A

Comments:

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-035
 Client Id: DMW-15BF MS
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	520	1	50	100	03/27/15	42349	SW32715A	22	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	490	1	50	100	03/27/15	42349	SW32715A	22	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	490	1	50	100	03/27/15	42349	SW32715A	22	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	480	1	50	100	03/27/15	42349	SW32715A	22	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	470	1	50	100	03/27/15	42349	SW32715A	22	MS	MS2_7500SWA
7439-92-1	Lead	3.0	500	1	50	100	03/27/15	42349	SW32715A	22	MS	MS2_7500SWA
7782-49-2	Selenium	10	480	1	50	100	03/27/15	42349	SW32715A	22	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	460	1	50	100	03/24/15	42349	SW32315B	22	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-035
 Client Id: DMW-15BF MS
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	4900	1	50	50	03/23/15	42349	W17587A2	17	P	PEICP2A
7440-39-3	Barium	50	530	1	50	50	03/23/15	42349	W17587A2	17	P	PEICP2A
7440-70-2	Calcium	5000	58000	1	50	50	03/23/15	42349	W17587A2	17	P	PEICP2A
7440-47-3	Chromium	50	490	1	50	50	03/23/15	42349	W17587A2	17	P	PEICP2A
7440-50-8	Copper	50	500	1	50	50	03/23/15	42349	W17587A2	17	P	PEICP2A
7439-89-6	Iron	300	5100	1	50	50	03/23/15	42349	W17587A2	17	P	PEICP2A
7439-95-4	Magnesium	5000	51000	1	50	50	03/23/15	42349	W17587A2	17	P	PEICP2A
7439-96-5	Manganese	40	520	1	50	50	03/23/15	42349	W17587A2	17	P	PEICP2A
7439-97-6	Mercury	0.70	10	1	25	25	03/23/15	42349	17587SWB	16	CV	HGCV1A
7440-02-0	Nickel	50	490	1	50	50	03/23/15	42349	W17587A2	17	P	PEICP2A
7440-09-7	Potassium	5000	48000	1	50	50	03/23/15	42349	W17587B2	16	P	PEICPRAD2A
7440-22-4	Silver	20	98	1	50	50	03/23/15	42349	W17587A2	17	P	PEICP2A
7440-23-5	Sodium	5000	84000	1	50	50	03/23/15	42349	W17587B2	16	P	PEICPRAD2A
7440-62-2	Vanadium	50	490	1	50	50	03/23/15	42349	W17587A2	17	P	PEICP2A
7440-66-6	Zinc	50	510	1	50	50	03/23/15	42349	W17587A2	17	P	PEICP2A

Comments:

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-036
 Client Id: DMW-15BF MSD
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	520	1	50	100	03/27/15	42349	SW32715A	23	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	480	1	50	100	03/27/15	42349	SW32715A	23	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	490	1	50	100	03/27/15	42349	SW32715A	23	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	480	1	50	100	03/27/15	42349	SW32715A	23	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	470	1	50	100	03/27/15	42349	SW32715A	23	MS	MS2_7500SWA
7439-92-1	Lead	3.0	500	1	50	100	03/27/15	42349	SW32715A	23	MS	MS2_7500SWA
7782-49-2	Selenium	10	480	1	50	100	03/27/15	42349	SW32715A	23	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	440	1	50	100	03/24/15	42349	SW32315B	23	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV - Cold Vapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-036
 Client Id: DMW-15BF MSD
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	5000	1	50	50	03/23/15	42349	W17587A2	18	P	PEICP2A
7440-39-3	Barium	50	530	1	50	50	03/23/15	42349	W17587A2	18	P	PEICP2A
7440-70-2	Calcium	5000	61000	1	50	50	03/23/15	42349	W17587A2	18	P	PEICP2A
7440-47-3	Chromium	50	500	1	50	50	03/23/15	42349	W17587A2	18	P	PEICP2A
7440-50-8	Copper	50	510	1	50	50	03/23/15	42349	W17587A2	18	P	PEICP2A
7439-89-6	Iron	300	5100	1	50	50	03/23/15	42349	W17587A2	18	P	PEICP2A
7439-95-4	Magnesium	5000	53000	1	50	50	03/23/15	42349	W17587A2	18	P	PEICP2A
7439-96-5	Manganese	40	540	1	50	50	03/23/15	42349	W17587A2	18	P	PEICP2A
7439-97-6	Mercury	0.70	10	1	25	25	03/23/15	42349	17587SWB	17	CV	HGCV1A
7440-02-0	Nickel	50	500	1	50	50	03/23/15	42349	W17587A2	18	P	PEICP2A
7440-09-7	Potassium	5000	49000	1	50	50	03/23/15	42349	W17587B2	17	P	PEICPRAD2A
7440-22-4	Silver	20	100	1	50	50	03/23/15	42349	W17587A2	18	P	PEICP2A
7440-23-5	Sodium	5000	84000	1	50	50	03/23/15	42349	W17587B2	17	P	PEICPRAD2A
7440-62-2	Vanadium	50	500	1	50	50	03/23/15	42349	W17587A2	18	P	PEICP2A
7440-66-6	Zinc	50	520	1	50	50	03/23/15	42349	W17587A2	18	P	PEICP2A

Comments:

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Chain of Custody Forms

175 Route 46 West and 2 Madison Road, Fairfield, New Jersey 07004
Ph: 800-426-9992 | 973-244-9770 Fax: 973-244-9787 | 973-439-1458
Service Center: 137-D Gallier Drive, Mount Laurel, New Jersey 08054
Ph (Service Center): 856-780-6057 Fax: 856-780-6056

HC.V
HAMPTON CLARKE VENTECH
Web/DBT/2SE 800-426-9992
A Women-Owned, Disadvantaged, Small Business Enterprise

CHAIN OF CUSTODY
RECORD

Customer Information		Project Information	
1a) Customer:	Aecom	2a) Project:	DEUS
Address:	100 Red School house Rd	2b) Project Mgr:	Paul Kareth
	Chastnut Ridge NY	2c) Project Location (City/State):	West Islip NY
1b) Email/Cell/Fax/Ph:	Paul.Kareth@aecom.com		
1c) Send Invoice to:	Same	2d) Quote/PO # (if Applicable):	
1d) Send Report to:	Same		
NEIAC/NJ #07071 PA #68-00463 NY #11408 CT #PH-0671 KY #90124 DE HSCA Approved		1 Business Day (100%) 2 Business Days (75%) 3 Business Days (50%) 4 Business Days (35%) 1 Week (25%) 10 Calendar Days (10%) 2 Weeks Other: STD	
Report Type		Electronic Deliv.	
Data Summary		Results + QC (Waste) NJ Reduced NY Reduced PA Reduced Full / Category B Category A	
Hazardous CSV		EnviroData Excel - NJ Regulatory Excel - NY Regulatory Excel - PA Regulatory EQIS (specify below): 4 Filed NY/Reg. 2 or 5	
Other:		Other:	

FOR LAB USE ONLY		Check If Contingent ==>		7) Analysis Request		Check If Contingent		8) # of Bottles		9) Comments	
Batch #	Matrix Codes	Sample Type	Grab (G)	Grab (G)	Grab (G)	Grab (G)	Grab (G)	Grab (G)	Grab (G)	Grab (G)	Grab (G)
AC83807	DW - Drinking Water GW - Ground Water WW - Waste Water OT - Other (please specify under item 9, Comments)	S - Soil SL - Sludge OL - Oil	A - Air								
Lab Sample #	4) Customer Sample ID	5) Matrix	6) Sample Date	6) Sample Time	Composite (C)	Grab (G)					
-001	DMW-15A	6W	3/17/5	1040							
-002	DMW-15AF			1042							
-003	DMW-15B			1045							
-004	DMW-15BF			1050							
-005	DMW-65B			1055							
-006	DMW-65BF			1100							
-007	DMW-22B			1202							
-008	DMW-22BF			1205							
-009	DMW-22A			1215							
-010	DMW-22AF			1220							

10) Relinquished by:	Accepted by:	Date	Time
		3/18/15	1730
		3/18/15	1530
Additional Notes			
Note: Check if low-level groundwater methods required to meet current standards: BN or BNA (8270C SIM) VOC (8260B SIM or 8011)			
Note: Check if applicable: Project-Specific Reporting Limits High Contaminant Concentrations NJ LSRP Project			
11) Sampler (print name): Celeste Foster Date: 2.9.3.13.4			
Please note NUMBERED items. If not completed your analytical work may be delayed. A fee of \$5/sample will be assessed for storage should sample not be analyzed for any analysis.			

175 Route 46 West and 2 Madison Road, Fairfield, New Jersey 07004
Ph: 800-426-9992 / 973-244-9770 Fax: 973-244-9787 / 973-439-1458
Service Center: 137-D Gailther Drive, Mount Laurel, New Jersey 08054
Ph (Service Center): 856-780-6057 Fax: 856-780-6056

HAIRPIN CURVE - VINELAND LABORATORIES
HAMPTON CLARK VENTURE
WBE/DBE/MBE 800-426-9992
A Women-Owned, Disadvantaged, Small Business Enterprise

HC.V
CHAIN OF CUSTODY
RECORD
Trcl # 5051810

Page 2 of 7
3) Reporting Requirements (Please Circle)
Turnaround
1 Business Day (100%)
2 Business Days (75%)
3 Business Days (50%)
4 Business Days (35%)
1 Week (25%)
10 Calendar Days (10%)
2 Weeks
Other: std
Report Type
Data Summary
Results + QC (Waste)
NJ Reduced
NY Reduced
PA Reduced
Full / Category B
Category A
Hazardous/CSV
EnviroData
Excel - NJ Regulatory
Excel - NY Regulatory
Excel - PA Regulatory
EQUS (specify below):
F-File/ZINYS/Reg. 2 or 5
Other: _____

Customer Information
1a) Customer: AECOM
Address: 100 Redstart House Rd
Chestnut Ridge NY
1b) Email/Cell/Fax/Ph: Paul.Kareth@aecom.com
1c) Send Invoice to: same
1d) Send Report to: same
2a) Project: Daus
2b) Project Mgr: Paul Kareth
2c) Project Location (City/State): West Islip NY
2d) Quote/PO # (If Applicable): _____
Expedited TAT Not Always Available. Please Check with Lab.

FOR LAB USE ONLY		Check if Contingent ==>				7) Analysis Request										8) # of Bottles							9) Comments																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Batch #	Matrix Codes DW - Drinking Water GW - Ground Water WW - Waste Water OT - Other (please specify under item 9, Comments)	Sample Type	Composite (C)	Grab (G)	TAL Metals																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

10) Relinquished by: _____ Accepted by: _____ Date: 3/18/15 Time: 11:30
Note: Check if low-level groundwater methods required to meet current standards:
☐ BN or BNA (8270C SIM)
☐ VOC (8260B SIM or 8011)
Note: Check if applicable:
☐ Project-Specific Reporting Limits
☐ High Contaminant Concentrations
☐ NJ LSRP Project
11) Sampler (print name): Celeste Foster Date: 2/9/3/15
Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of \$3/sample will be assessed for storage should sample not be activated for any analysis.
Cooler Temperature: _____

175 Route 46 West and 2 Madison Road, Fairfield, New Jersey 07004
Ph: 800-426-9992 | 973-244-9770 Fax: 973-244-9787 | 973-439-1458
Service Center: 137-D Gather Drive, Mount Laurel, New Jersey 08054
Ph (Service Center): 856-780-6057 Fax: 856-780-6056

HAMPDEN CLARK VENTURA
W8508258E 800-426-9992
A Women-Owned, Disadvantaged, Small Business Enterprise

HC.V

CHAIN OF CUSTODY
RECORD

5031810

Page 3 of 4

3) Reporting Requirements (Please Circle)

Turnaround

Report Type

Electronic Deliv.

1 Business Day (100%)

Data Summary

HazSite/CSV

2 Business Days (75%)

Results + QC (Waste)

EnviroData

3 Business Days (50%)

NY Reduced

Excel - NJ Regulatory

4 Business Days (35%)

NY Reduced

Excel - NY Regulatory

1 Week (25%)

PA Reduced

Excel - PA Regulatory

10 Calendar Days (10%)

Full / Category B

EQUS (Specify below):

2 Weeks

Category A

4-File/2-INTS/Reg. 2 or 5

Expedited TAT Not Always Available. Please Check with Lab.

Other: STD

Other:

Customer Information

1a) Customer: AECOM

Address: 100 Red School house Rd

2a) Project: DEBUS

Project Information

1b) Email/Cell/Fax/Ph:

Paul.Kareth@aecom.com

2b) Project Mgr: Paul Kareth

2c) Project Location (City/State): West Islip NY

1c) Send Invoice to:

1d) Send Report to:

Same

2d) Quote/PO # (If Applicable):

FOR LAB USE ONLY

Batch #

Matrix Codes

DW - Drinking Water S - Soil A - Air

GW - Ground Water SL - Sludge

WW - Waste Water OL - Oil

OT - Other (please specify under item 9, Comments)

AC83807

Check If Contingent ==>

7) Analysis Request

<==== Check If Contingent

Lab Sample #

4) Customer Sample ID

5) Matrix

6) Sample

Date

Time

Composite (C)

Grab (G)

TAL Metals

None

MeOH

En Core

NaOH

HCl

H2SO4

HNO3

Other:

9) Comments

8)

of Bottles

Field Blank

10) Relinquished by:

Accepted by:

Date

Time

Comments, Notes, Special Requirements, HAZARDS

Note: Check if low-level groundwater methods required to meet current standards:

BN or BNA (8270C SIM)

VOC (8260B SIM or 8011)

Note: Check if applicable:

Project-Specific Reporting Limits

High Contaminant Concentrations

NJ LSRP Project

Additional Notes

11) Sampler (print name): C Foster

Date:

Cooler Temperature

Please note NUMBERED items. If not completed your analytical work may be delayed.

A fee of \$5/sample will be assessed for storage should sample not be activated for any analysis.

CONDITION UPON RECEIPT

Batch Number AC83807

Entered By: cbaum

Date Entered 3/18/2015 3:41:00 PM

-
- | | | |
|----|-----|--|
| 1 | Yes | Is there a corresponding COC included with the samples? |
| | | |
| 2 | Yes | Are the samples in a container such as a cooler or Ice chest? |
| | | |
| 3 | Yes | Are the COC seals intact? |
| | | |
| 4 | Yes | Please specify the Temperature inside the container (in degC)
2.9,3.1,3.9 |
| | | |
| 5 | Yes | Are the samples refrigerated (where required)/have they arrived on ice? |
| | | |
| 6 | Yes | Are the samples within the holding times for the parameters listed on the COC? If no, list parameters and samples: |
| | | |
| 7 | Yes | Are all of the sample bottles intact? If no, specify sample numbers broken/leaking |
| | | |
| 8 | Yes | Are all of the sample labels or numbers legible? If no specify: |
| | | |
| 9 | Yes | Do the contents match the COC? If no, specify |
| | | |
| 10 | Yes | Is there enough sample sent for the analyses listed on the COC? If no, specify: |
| | | |
| 11 | Yes | Are samples preserved correctly? |
| | | |
| 12 | Yes | Was temperature blank present (Place comment below if not)? If not was temperature of samples verified? |
| | | |
| 13 | NA | Other comments ...Specify |
| | | |
| 14 | NA | Corrective actions (Specify item number and corrective action taken). |

PRESERVATION DOCUMENT

Batch Number AC83807

Entered By: cbaum

Date Entered 3/18/2015 3:55:00 PM

Lab#:	Container Siz	Container Typ	Parameter	Preservative	PH
AC83807-001	NA	NA	NA	NA	NA
AC83807-002	NA	NA	NA	NA	NA
AC83807-003	NA	NA	NA	NA	NA
AC83807-004	NA	NA	NA	NA	NA
AC83807-005	NA	NA	NA	NA	NA
AC83807-006	NA	NA	NA	NA	NA
AC83807-007	NA	NA	NA	NA	NA
AC83807-008	NA	NA	NA	NA	NA
AC83807-009	NA	NA	NA	NA	NA
AC83807-010	NA	NA	NA	NA	NA
AC83807-011	NA	NA	NA	NA	NA
AC83807-012	NA	NA	NA	NA	NA
AC83807-013	NA	NA	NA	NA	NA
AC83807-014	NA	NA	NA	NA	NA
AC83807-015	NA	NA	NA	NA	NA
AC83807-016	NA	NA	NA	NA	NA
AC83807-017	NA	NA	NA	NA	NA
AC83807-018	NA	NA	NA	NA	NA
AC83807-019	NA	NA	NA	NA	NA
AC83807-020	NA	NA	NA	NA	NA
AC83807-021	NA	NA	NA	NA	NA
AC83807-022	NA	NA	NA	NA	NA
AC83807-023	NA	NA	NA	NA	NA
AC83807-024	NA	NA	NA	NA	NA
AC83807-025	NA	NA	NA	NA	NA
AC83807-026	NA	NA	NA	NA	NA
AC83807-027	NA	NA	NA	NA	NA
AC83807-028	NA	NA	NA	NA	NA
AC83807-029	NA	NA	NA	NA	NA
AC83807-030	NA	NA	NA	NA	NA
AC83807-031	NA	NA	NA	NA	NA
AC83807-032	NA	NA	NA	NA	NA
AC83807-033	1L	P	METALS	HNO3	1
AC83807-034	1L	P	METALS	HNO3	1
AC83807-035	1L	P	DISS-METALS	HNO3	1
AC83807-036	1L	P	DISS-METALS	HNO3	1

Samples marked as received are stored in coolers or refrigerator R12, or R24 at 4 deg C until Login

Internal Chain of Custody

5031810 0123

Lab#:	DateTime:	Loc or User	Bot Nu	A/ M	Analysis	Lab#:	DateTime:	Loc or User	Bot Nu	A/ M	Analysis
AC83807-028	03/18/15 15:40	CBAU	0	M	Login						
AC83807-028	03/18/15 17:10	R12	1	A	NONE						
AC83807-028	03/20/15 13:56	CJA	1	A	TDWI-HG						
AC83807-028	03/20/15 13:56	R12	1	A	NONE						
AC83807-029	03/18/15 15:30	CBAU	0	M	Received						
AC83807-029	03/18/15 15:40	CBAU	0	M	Login						
AC83807-029	03/18/15 17:10	R12	1	A	NONE						
AC83807-029	03/19/15 16:06	AM	1	A	TDWI/HG						
AC83807-029	03/19/15 16:07	R12	1	A	NONE						
AC83807-029	03/19/15 19:16	R12	1	A	NONE						
AC83807-030	03/18/15 15:30	CBAU	0	M	Received						
AC83807-030	03/18/15 15:40	CBAU	0	M	Login						
AC83807-030	03/18/15 17:10	R12	1	A	NONE						
AC83807-030	03/20/15 13:56	CJA	1	A	TDWI-HG						
AC83807-030	03/20/15 13:56	R12	1	A	NONE						
AC83807-031	03/18/15 15:30	CBAU	0	M	Received						
AC83807-031	03/18/15 15:40	CBAU	0	M	Login						
AC83807-031	03/18/15 17:10	R12	1	A	NONE						
AC83807-031	03/19/15 16:06	AM	1	A	TDWI/HG						
AC83807-031	03/19/15 16:07	R12	1	A	NONE						
AC83807-031	03/19/15 19:16	R12	1	A	NONE						
AC83807-032	03/18/15 15:30	CBAU	0	M	Received						
AC83807-032	03/18/15 15:40	CBAU	0	M	Login						
AC83807-032	03/18/15 17:10	R12	1	A	NONE						
AC83807-032	03/20/15 13:56	CJA	1	A	TDWI-HG						
AC83807-032	03/20/15 13:56	R12	1	A	NONE						
AC83807-033	03/18/15 15:30	CBAU	0	M	Received						
AC83807-033	03/18/15 15:54	CBAU	0	M	Login						
AC83807-033	03/18/15 17:10	R12	1	A	NONE						
AC83807-033	03/19/15 16:06	AM	1	A	TDWI/HG						
AC83807-033	03/19/15 16:07	R12	1	A	NONE						
AC83807-033	03/19/15 19:16	R12	1	A	NONE						
AC83807-034	03/18/15 15:30	CBAU	0	M	Received						
AC83807-034	03/18/15 15:54	CBAU	0	M	Login						
AC83807-034	03/18/15 17:10	R12	1	A	NONE						
AC83807-034	03/19/15 16:06	AM	1	A	TDWI/HG						
AC83807-034	03/19/15 16:07	R12	1	A	NONE						
AC83807-034	03/19/15 19:16	R12	1	A	NONE						
AC83807-035	03/18/15 15:30	CBAU	0	M	Received						
AC83807-035	03/18/15 15:54	CBAU	0	M	Login						
AC83807-035	03/18/15 17:10	R12	1	A	NONE						
AC83807-035	03/20/15 13:56	R12	1	A	NONE						
AC83807-035	03/20/15 13:56	CJA	1	A	TDWI-HG						
AC83807-036	03/18/15 15:30	CBAU	0	M	Received						
AC83807-036	03/18/15 15:54	CBAU	0	M	Login						
AC83807-036	03/18/15 17:10	R12	1	A	NONE						
AC83807-036	03/20/15 13:56	CJA	1	A	TDWI-HG						
AC83807-036	03/20/15 13:56	R12	1	A	NONE						

Samples marked as received are stored in coolers or refrigerator R12, or R24 at 4 deg C until Login

Metal Data

Metal Data
Sample Data

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-001
 Client Id: DMW-15A
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42348	SW32415A	29	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42348	SW32415A	29	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42348	SW32415A	29	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	17	1	50	100	03/25/15	42348	SW32415A	29	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/25/15	42348	SW32415A	29	MS	MS2_7500SWA
7439-92-1	Lead	3.0	6.3	1	50	100	03/25/15	42348	SW32415A	29	MS	MS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42348	SW32415A	29	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	29	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-001
 Client Id: DMW-15A
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	820	1	50	50	03/24/15	42348	W17586A2	24	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/24/15	42348	W17586A2	24	P	PEICP2A
7440-70-2	Calcium	5000	12000	1	50	50	03/24/15	42348	W17586A2	24	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/24/15	42348	W17586A2	24	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/24/15	42348	W17586A2	24	P	PEICP2A
7439-89-6	Iron	300	1100	1	50	50	03/24/15	42348	W17586A2	24	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/24/15	42348	W17586A2	24	P	PEICP2A
7439-96-5	Manganese	40	150	1	50	50	03/24/15	42348	W17586A2	24	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/20/15	42348	17586SWB	18	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/24/15	42348	W17586A2	24	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42348	W17586B2	23	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/24/15	42348	W17586A2	24	P	PEICP2A
7440-23-5	Sodium	5000	20000	1	50	50	03/24/15	42348	W17586B2	23	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/24/15	42348	W17586A2	24	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/24/15	42348	W17586A2	24	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-002
 Client Id: DMW-15AF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/27/15	42349	SW32715A	29		MSMS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/27/15	42349	SW32715A	29		MSMS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/27/15	42349	SW32715A	29		MSMS2_7500SWA
7440-43-9	Cadmium	2.0	8.2	1	50	100	03/27/15	42349	SW32715A	29		MSMS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/27/15	42349	SW32715A	29		MSMS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/27/15	42349	SW32715A	29		MSMS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/27/15	42349	SW32715A	29		MSMS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/24/15	42349	SW32315B	29		MSMS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-002
 Client Id: DMW-15AF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/23/15	42349	W17587A2	26	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/23/15	42349	W17587A2	26	P	PEICP2A
7440-70-2	Calcium	5000	14000	1	50	50	03/23/15	42349	W17587A2	26	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/23/15	42349	W17587A2	26	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/23/15	42349	W17587A2	26	P	PEICP2A
7439-89-6	Iron	300	ND	1	50	50	03/23/15	42349	W17587A2	26	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/23/15	42349	W17587A2	26	P	PEICP2A
7439-96-5	Manganese	40	ND	1	50	50	03/23/15	42349	W17587A2	26	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/23/15	42349	17587SWB	18	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/23/15	42349	W17587A2	26	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/23/15	42349	W17587B2	23	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/23/15	42349	W17587A2	26	P	PEICP2A
7440-23-5	Sodium	5000	23000	1	50	50	03/23/15	42349	W17587B2	23	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/23/15	42349	W17587A2	26	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/23/15	42349	W17587A2	26	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-003
 Client Id: DMW-15B
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	100	200	03/25/15	42348	SW32415A	19	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	100	200	03/25/15	42348	SW32415A	19	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	100	200	03/25/15	42348	SW32415A	19	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	ND	1	100	200	03/25/15	42348	SW32415A	19	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	100	200	03/25/15	42348	SW32415A	19	MS	MS2_7500SWA
7439-92-1	Lead	3.0	11	1	100	200	03/25/15	42348	SW32415A	19	MS	MS2_7500SWA
7782-49-2	Selenium	10	ND	1	100	200	03/25/15	42348	SW32415A	19	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	100	200	03/25/15	42348	SW32415A	19	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV - Cold Vapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-003
 Client Id: DMW-15B
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	100	100	03/24/15	42348	W17586A2	15	P	PEICP2A
7440-39-3	Barium	50	ND	1	100	100	03/24/15	42348	W17586A2	15	P	PEICP2A
7440-70-2	Calcium	5000	9900	1	100	100	03/24/15	42348	W17586A2	15	P	PEICP2A
7440-47-3	Chromium	50	ND	1	100	100	03/24/15	42348	W17586A2	15	P	PEICP2A
7440-50-8	Copper	50	ND	1	100	100	03/24/15	42348	W17586A2	15	P	PEICP2A
7439-89-6	Iron	300	1500	1	100	100	03/24/15	42348	W17586A2	15	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	100	100	03/24/15	42348	W17586A2	15	P	PEICP2A
7439-96-5	Manganese	40	94	1	100	100	03/24/15	42348	W17586A2	15	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/20/15	42348	17586SWB	14	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	100	100	03/24/15	42348	W17586A2	15	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	100	100	03/24/15	42348	W17586B2	14	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	100	100	03/24/15	42348	W17586A2	15	P	PEICP2A
7440-23-5	Sodium	5000	32000	1	100	100	03/24/15	42348	W17586B2	14	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	100	100	03/24/15	42348	W17586A2	15	P	PEICP2A
7440-66-6	Zinc	50	ND	1	100	100	03/24/15	42348	W17586A2	15	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-004
 Client Id: DMW-15BF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/27/15	42349	SW32715A	19	MSMS2_7500	SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/27/15	42349	SW32715A	19	MSMS2_7500	SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/27/15	42349	SW32715A	19	MSMS2_7500	SWA
7440-43-9	Cadmium	2.0	ND	1	50	100	03/27/15	42349	SW32715A	19	MSMS2_7500	SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/27/15	42349	SW32715A	19	MSMS2_7500	SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/27/15	42349	SW32715A	19	MSMS2_7500	SWA
7782-49-2	Selenium	10	ND	1	50	100	03/27/15	42349	SW32715A	19	MSMS2_7500	SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/24/15	42349	SW32315B	19	MSMS2_7500	SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-004
 Client Id: DMW-15BF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	100	100	03/23/15	42349	W17587A2	15	P	PEICP2A
7440-39-3	Barium	50	ND	1	100	100	03/23/15	42349	W17587A2	15	P	PEICP2A
7440-70-2	Calcium	5000	11000	1	100	100	03/23/15	42349	W17587A2	15	P	PEICP2A
7440-47-3	Chromium	50	ND	1	100	100	03/23/15	42349	W17587A2	15	P	PEICP2A
7440-50-8	Copper	50	ND	1	100	100	03/23/15	42349	W17587A2	15	P	PEICP2A
7439-89-6	Iron	300	ND	1	100	100	03/23/15	42349	W17587A2	15	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	100	100	03/23/15	42349	W17587A2	15	P	PEICP2A
7439-96-5	Manganese	40	ND	1	100	100	03/23/15	42349	W17587A2	15	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/23/15	42349	17587SWB	14	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	100	100	03/23/15	42349	W17587A2	15	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	100	100	03/23/15	42349	W17587B2	14	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	100	100	03/23/15	42349	W17587A2	15	P	PEICP2A
7440-23-5	Sodium	5000	36000	1	100	100	03/23/15	42349	W17587B2	14	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	100	100	03/23/15	42349	W17587A2	15	P	PEICP2A
7440-66-6	Zinc	50	ND	1	100	100	03/23/15	42349	W17587A2	15	P	PEICP2A

Comments:

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-005
 Client Id: DMW-65B
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42348SW32415A		30	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42348SW32415A		30	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42348SW32415A		30	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	ND	1	50	100	03/25/15	42348SW32415A		30	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/25/15	42348SW32415A		30	MS	MS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/25/15	42348SW32415A		30	MS	MS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42348SW32415A		30	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/25/15	42348SW32415A		30	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-005
 Client Id: DMW-65B
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/24/15	42348	W17586A2	25	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/24/15	42348	W17586A2	25	P	PEICP2A
7440-70-2	Calcium	5000	11000	1	50	50	03/24/15	42348	W17586A2	25	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/24/15	42348	W17586A2	25	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/24/15	42348	W17586A2	25	P	PEICP2A
7439-89-6	Iron	300	1600	1	50	50	03/24/15	42348	W17586A2	25	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/24/15	42348	W17586A2	25	P	PEICP2A
7439-96-5	Manganese	40	63	1	50	50	03/24/15	42348	W17586A2	25	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/20/15	42348	17586SWB	19	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/24/15	42348	W17586A2	25	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42348	W17586B2	24	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/24/15	42348	W17586A2	25	P	PEICP2A
7440-23-5	Sodium	5000	33000	1	50	50	03/24/15	42348	W17586B2	24	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/24/15	42348	W17586A2	25	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/24/15	42348	W17586A2	25	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-006
 Client Id: DMW-65BF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/27/15	42349	SW32715A	30		MSMS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/27/15	42349	SW32715A	30		MSMS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/27/15	42349	SW32715A	30		MSMS2_7500SWA
7440-43-9	Cadmium	2.0	ND	1	50	100	03/27/15	42349	SW32715A	30		MSMS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/27/15	42349	SW32715A	30		MSMS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/27/15	42349	SW32715A	30		MSMS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/27/15	42349	SW32715A	30		MSMS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/24/15	42349	SW32315B	30		MSMS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-006
 Client Id: DMW-65BF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/23/15	42349	W17587A2	27	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/23/15	42349	W17587A2	27	P	PEICP2A
7440-70-2	Calcium	5000	11000	1	50	50	03/23/15	42349	W17587A2	27	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/23/15	42349	W17587A2	27	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/23/15	42349	W17587A2	27	P	PEICP2A
7439-89-6	Iron	300	340	1	50	50	03/23/15	42349	W17587A2	27	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/23/15	42349	W17587A2	27	P	PEICP2A
7439-96-5	Manganese	40	45	1	50	50	03/23/15	42349	W17587A2	27	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/23/15	42349	17587SWB	19	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/23/15	42349	W17587A2	27	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/23/15	42349	W17587B2	24	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/23/15	42349	W17587A2	27	P	PEICP2A
7440-23-5	Sodium	5000	35000	1	50	50	03/23/15	42349	W17587B2	24	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/23/15	42349	W17587A2	27	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/23/15	42349	W17587A2	27	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - Cold Vapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-007
 Client Id: DMW-22B
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42348SW32415A		31		MSMS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42348SW32415A		31		MSMS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42348SW32415A		31		MSMS2_7500SWA
7440-43-9	Cadmium	2.0	ND	1	50	100	03/25/15	42348SW32415A		31		MSMS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/25/15	42348SW32415A		31		MSMS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/25/15	42348SW32415A		31		MSMS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42348SW32415A		31		MSMS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/25/15	42348SW32415A		31		MSMS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - Cold Vapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-007
 Client Id: DMW-22B
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/24/15	42348	W17586A2	26	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/24/15	42348	W17586A2	26	P	PEICP2A
7440-70-2	Calcium	5000	27000	1	50	50	03/24/15	42348	W17586A2	26	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/24/15	42348	W17586A2	26	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/24/15	42348	W17586A2	26	P	PEICP2A
7439-89-6	Iron	300	ND	1	50	50	03/24/15	42348	W17586A2	26	P	PEICP2A
7439-95-4	Magnesium	5000	5100	1	50	50	03/24/15	42348	W17586A2	26	P	PEICP2A
7439-96-5	Manganese	40	550	1	50	50	03/24/15	42348	W17586A2	26	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/20/15	42348	17586SWB	20	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/24/15	42348	W17586A2	26	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42348	W17586B2	25	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/24/15	42348	W17586A2	26	P	PEICP2A
7440-23-5	Sodium	5000	15000	1	50	50	03/24/15	42348	W17586B2	25	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/24/15	42348	W17586A2	26	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/24/15	42348	W17586A2	26	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-008
 Client Id: DMW-22BF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/27/15	42349	SW32715A	31	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/27/15	42349	SW32715A	31	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/27/15	42349	SW32715A	31	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	ND	1	50	100	03/27/15	42349	SW32715A	31	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/27/15	42349	SW32715A	31	MS	MS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/27/15	42349	SW32715A	31	MS	MS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/27/15	42349	SW32715A	31	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/24/15	42349	SW32315B	31	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - Cold Vapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-008
 Client Id: DMW-22BF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/23/15	42349	W17587A2	28	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/23/15	42349	W17587A2	28	P	PEICP2A
7440-70-2	Calcium	5000	31000	1	50	50	03/23/15	42349	W17587A2	28	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/23/15	42349	W17587A2	28	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/23/15	42349	W17587A2	28	P	PEICP2A
7439-89-6	Iron	300	ND	1	50	50	03/23/15	42349	W17587A2	28	P	PEICP2A
7439-95-4	Magnesium	5000	5900	1	50	50	03/23/15	42349	W17587A2	28	P	PEICP2A
7439-96-5	Manganese	40	590	1	50	50	03/23/15	42349	W17587A2	28	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/23/15	42349	17587SWB	20	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/23/15	42349	W17587A2	28	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/23/15	42349	W17587B2	25	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/23/15	42349	W17587A2	28	P	PEICP2A
7440-23-5	Sodium	5000	17000	1	50	50	03/23/15	42349	W17587B2	25	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/23/15	42349	W17587A2	28	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/23/15	42349	W17587A2	28	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-009
 Client Id: DMW-22A
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42348	SW32415A	32	MSMS2_7500SWA	
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42348	SW32415A	32	MSMS2_7500SWA	
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42348	SW32415A	32	MSMS2_7500SWA	
7440-43-9	Cadmium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	32	MSMS2_7500SWA	
7440-48-4	Cobalt	2.0	ND	1	50	100	03/25/15	42348	SW32415A	32	MSMS2_7500SWA	
7439-92-1	Lead	3.0	ND	1	50	100	03/25/15	42348	SW32415A	32	MSMS2_7500SWA	
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42348	SW32415A	32	MSMS2_7500SWA	
7440-28-0	Thallium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	32	MSMS2_7500SWA	

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-009
 Client Id: DMW-22A
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/24/15	42348	W17586A2	27	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/24/15	42348	W17586A2	27	P	PEICP2A
7440-70-2	Calcium	5000	45000	1	50	50	03/24/15	42348	W17586A2	27	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/24/15	42348	W17586A2	27	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/24/15	42348	W17586A2	27	P	PEICP2A
7439-89-6	Iron	300	2100	1	50	50	03/24/15	42348	W17586A2	27	P	PEICP2A
7439-95-4	Magnesium	5000	7200	1	50	50	03/24/15	42348	W17586A2	27	P	PEICP2A
7439-96-5	Manganese	40	220	1	50	50	03/24/15	42348	W17586A2	27	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/20/15	42348	17586SWB	23	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/24/15	42348	W17586A2	27	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42348	W17586B2	26	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/24/15	42348	W17586A2	27	P	PEICP2A
7440-23-5	Sodium	5000	28000	1	50	50	03/24/15	42348	W17586B2	26	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/24/15	42348	W17586A2	27	P	PEICP2A
7440-66-6	Zinc	50	280	1	50	50	03/24/15	42348	W17586A2	27	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-010
 Client Id: DMW-22AF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/27/15	42349	SW32715A	32		MSMS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/27/15	42349	SW32715A	32		MSMS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/27/15	42349	SW32715A	32		MSMS2_7500SWA
7440-43-9	Cadmium	2.0	ND	1	50	100	03/27/15	42349	SW32715A	32		MSMS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/27/15	42349	SW32715A	32		MSMS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/27/15	42349	SW32715A	32		MSMS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/27/15	42349	SW32715A	32		MSMS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/24/15	42349	SW32315B	32		MSMS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-010
 Client Id: DMW-22AF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/23/15	42349	W17587A2	34	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/23/15	42349	W17587A2	34	P	PEICP2A
7440-70-2	Calcium	5000	51000	1	50	50	03/23/15	42349	W17587A2	34	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/23/15	42349	W17587A2	34	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/23/15	42349	W17587A2	34	P	PEICP2A
7439-89-6	Iron	300	640	1	50	50	03/23/15	42349	W17587A2	34	P	PEICP2A
7439-95-4	Magnesium	5000	8200	1	50	50	03/23/15	42349	W17587A2	34	P	PEICP2A
7439-96-5	Manganese	40	260	1	50	50	03/23/15	42349	W17587A2	34	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/23/15	42349	17587SWB	23	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/23/15	42349	W17587A2	34	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42349	W17587C2	11	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/23/15	42349	W17587A2	34	P	PEICP2A
7440-23-5	Sodium	5000	34000	1	50	50	03/24/15	42349	W17587C2	11	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/23/15	42349	W17587A2	34	P	PEICP2A
7440-66-6	Zinc	50	290	1	50	50	03/23/15	42349	W17587A2	34	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-011
 Client Id: DMW-13A
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42348	SW32415A	33	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42348	SW32415A	33	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42348	SW32415A	33	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	9.6	1	50	100	03/25/15	42348	SW32415A	33	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	17	1	50	100	03/25/15	42348	SW32415A	33	MS	MS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/25/15	42348	SW32415A	33	MS	MS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42348	SW32415A	33	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	33	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-011
 Client Id: DMW-13A
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	420	1	50	50	03/24/15	42348	W17586A2	28	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/24/15	42348	W17586A2	28	P	PEICP2A
7440-70-2	Calcium	5000	20000	1	50	50	03/24/15	42348	W17586A2	28	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/24/15	42348	W17586A2	28	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/24/15	42348	W17586A2	28	P	PEICP2A
7439-89-6	Iron	300	8600	1	50	50	03/24/15	42348	W17586A2	28	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/24/15	42348	W17586A2	28	P	PEICP2A
7439-96-5	Manganese	40	1100	1	50	50	03/24/15	42348	W17586A2	28	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/20/15	42348	17586SWB	24	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/24/15	42348	W17586A2	28	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42348	W17586B2	27	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/24/15	42348	W17586A2	28	P	PEICP2A
7440-23-5	Sodium	5000	43000	1	50	50	03/24/15	42348	W17586B2	27	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/24/15	42348	W17586A2	28	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/24/15	42348	W17586A2	28	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-012
 Client Id: DMW-13AF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/27/15	42349	SW32715A	33		MSMS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/27/15	42349	SW32715A	33		MSMS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/27/15	42349	SW32715A	33		MSMS2_7500SWA
7440-43-9	Cadmium	2.0	9.1	1	50	100	03/27/15	42349	SW32715A	33		MSMS2_7500SWA
7440-48-4	Cobalt	2.0	18	1	50	100	03/27/15	42349	SW32715A	33		MSMS2_7500SWA
7439-92-1	Lead	3.0	25	1	50	100	03/27/15	42349	SW32715A	33		MSMS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/27/15	42349	SW32715A	33		MSMS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/24/15	42349	SW32315B	33		MSMS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-012
 Client Id: DMW-13AF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/23/15	42349	W17587A2	35	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/23/15	42349	W17587A2	35	P	PEICP2A
7440-70-2	Calcium	5000	21000	1	50	50	03/23/15	42349	W17587A2	35	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/23/15	42349	W17587A2	35	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/23/15	42349	W17587A2	35	P	PEICP2A
7439-89-6	Iron	300	6200	1	50	50	03/23/15	42349	W17587A2	35	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/23/15	42349	W17587A2	35	P	PEICP2A
7439-96-5	Manganese	40	1200	1	50	50	03/23/15	42349	W17587A2	35	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/23/15	42349	17587SWB	24	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/23/15	42349	W17587A2	35	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42349	W17587C2	12	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/23/15	42349	W17587A2	35	P	PEICP2A
7440-23-5	Sodium	5000	47000	1	50	50	03/24/15	42349	W17587C2	12	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/23/15	42349	W17587A2	35	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/23/15	42349	W17587A2	35	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-013
 Client Id: DMW-13B
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42348	SW32415A	34	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42348	SW32415A	34	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42348	SW32415A	34	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	4.0	1	50	100	03/25/15	42348	SW32415A	34	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	3.0	1	50	100	03/25/15	42348	SW32415A	34	MS	MS2_7500SWA
7439-92-1	Lead	3.0	6.3	1	50	100	03/25/15	42348	SW32415A	34	MS	MS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42348	SW32415A	34	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	34	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-013
 Client Id: DMW-13B
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	1000	1	50	50	03/24/15	42348	W17586A2	34	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/24/15	42348	W17586A2	34	P	PEICP2A
7440-70-2	Calcium	5000	12000	1	50	50	03/24/15	42348	W17586A2	34	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/24/15	42348	W17586A2	34	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/24/15	42348	W17586A2	34	P	PEICP2A
7439-89-6	Iron	300	2100	1	50	50	03/24/15	42348	W17586A2	34	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/24/15	42348	W17586A2	34	P	PEICP2A
7439-96-5	Manganese	40	780	1	50	50	03/24/15	42348	W17586A2	34	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/20/15	42348	17586SWB	25	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/24/15	42348	W17586A2	34	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42348	W17586B2	33	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/24/15	42348	W17586A2	34	P	PEICP2A
7440-23-5	Sodium	5000	12000	1	50	50	03/24/15	42348	W17586B2	33	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/24/15	42348	W17586A2	34	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/24/15	42348	W17586A2	34	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-014
 Client Id: DMW-13BF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/27/15	42349SW32715A		34	MSMS2_7500SWA	
7440-38-2	Arsenic	2.0	ND	1	50	100	03/27/15	42349SW32715A		34	MSMS2_7500SWA	
7440-41-7	Beryllium	1.0	ND	1	50	100	03/27/15	42349SW32715A		34	MSMS2_7500SWA	
7440-43-9	Cadmium	2.0	ND	1	50	100	03/27/15	42349SW32715A		34	MSMS2_7500SWA	
7440-48-4	Cobalt	2.0	ND	1	50	100	03/27/15	42349SW32715A		34	MSMS2_7500SWA	
7439-92-1	Lead	3.0	ND	1	50	100	03/27/15	42349SW32715A		34	MSMS2_7500SWA	
7782-49-2	Selenium	10	ND	1	50	100	03/27/15	42349SW32715A		34	MSMS2_7500SWA	
7440-28-0	Thallium	2.0	ND	1	50	100	03/24/15	42349SW32315B		34	MSMS2_7500SWA	

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-014
 Client Id: DMW-13BF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/23/15	42349	W17587A2	36	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/23/15	42349	W17587A2	36	P	PEICP2A
7440-70-2	Calcium	5000	13000	1	50	50	03/23/15	42349	W17587A2	36	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/23/15	42349	W17587A2	36	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/23/15	42349	W17587A2	36	P	PEICP2A
7439-89-6	Iron	300	ND	1	50	50	03/23/15	42349	W17587A2	36	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/23/15	42349	W17587A2	36	P	PEICP2A
7439-96-5	Manganese	40	ND	1	50	50	03/23/15	42349	W17587A2	36	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/23/15	42349	17587SWB	25	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/23/15	42349	W17587A2	36	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42349	W17587C2	13	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/23/15	42349	W17587A2	36	P	PEICP2A
7440-23-5	Sodium	5000	13000	1	50	50	03/24/15	42349	W17587C2	13	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/23/15	42349	W17587A2	36	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/23/15	42349	W17587A2	36	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-015
 Client Id: DMW-23A
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42348	SW32415A	35	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42348	SW32415A	35	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42348	SW32415A	35	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	10	1	50	100	03/25/15	42348	SW32415A	35	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/25/15	42348	SW32415A	35	MS	MS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/25/15	42348	SW32415A	35	MS	MS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42348	SW32415A	35	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	35	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-015
 Client Id: DMW-23A
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/24/15	42348	W17586A2	35	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/24/15	42348	W17586A2	35	P	PEICP2A
7440-70-2	Calcium	5000	41000	1	50	50	03/24/15	42348	W17586A2	35	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/24/15	42348	W17586A2	35	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/24/15	42348	W17586A2	35	P	PEICP2A
7439-89-6	Iron	300	8000	1	50	50	03/24/15	42348	W17586A2	35	P	PEICP2A
7439-95-4	Magnesium	5000	8600	1	50	50	03/24/15	42348	W17586A2	35	P	PEICP2A
7439-96-5	Manganese	40	780	1	50	50	03/24/15	42348	W17586A2	35	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/20/15	42348	17586SWB	26	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/24/15	42348	W17586A2	35	P	PEICP2A
7440-09-7	Potassium	5000	6400	1	50	50	03/24/15	42348	W17586B2	34	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/24/15	42348	W17586A2	35	P	PEICP2A
7440-23-5	Sodium	5000	91000	1	50	50	03/24/15	42348	W17586B2	34	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/24/15	42348	W17586A2	35	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/24/15	42348	W17586A2	35	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-016
 Client Id: DMW-23AF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/27/15	42349	SW32715A	35	MSMS2_7500	SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/27/15	42349	SW32715A	35	MSMS2_7500	SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/27/15	42349	SW32715A	35	MSMS2_7500	SWA
7440-43-9	Cadmium	2.0	ND	1	50	100	03/27/15	42349	SW32715A	35	MSMS2_7500	SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/27/15	42349	SW32715A	35	MSMS2_7500	SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/27/15	42349	SW32715A	35	MSMS2_7500	SWA
7782-49-2	Selenium	10	ND	1	50	100	03/27/15	42349	SW32715A	35	MSMS2_7500	SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/24/15	42349	SW32315B	35	MSMS2_7500	SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-016
 Client Id: DMW-23AF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/23/15	42349	W17587A2	37	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/23/15	42349	W17587A2	37	P	PEICP2A
7440-70-2	Calcium	5000	40000	1	50	50	03/23/15	42349	W17587A2	37	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/23/15	42349	W17587A2	37	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/23/15	42349	W17587A2	37	P	PEICP2A
7439-89-6	Iron	300	6400	1	50	50	03/23/15	42349	W17587A2	37	P	PEICP2A
7439-95-4	Magnesium	5000	8400	1	50	50	03/23/15	42349	W17587A2	37	P	PEICP2A
7439-96-5	Manganese	40	820	1	50	50	03/23/15	42349	W17587A2	37	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/23/15	42349	17587SWB	26	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/23/15	42349	W17587A2	37	P	PEICP2A
7440-09-7	Potassium	5000	6800	1	50	50	03/24/15	42349	W17587C2	14	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/23/15	42349	W17587A2	37	P	PEICP2A
7440-23-5	Sodium	5000	95000	1	50	50	03/24/15	42349	W17587C2	14	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/23/15	42349	W17587A2	37	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/23/15	42349	W17587A2	37	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-017
 Client Id: DMW-23B
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42348	SW32415A	36		MSMS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42348	SW32415A	36		MSMS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42348	SW32415A	36		MSMS2_7500SWA
7440-43-9	Cadmium	2.0	27	1	50	100	03/25/15	42348	SW32415A	36		MSMS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/25/15	42348	SW32415A	36		MSMS2_7500SWA
7439-92-1	Lead	3.0	5.6	1	50	100	03/25/15	42348	SW32415A	36		MSMS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42348	SW32415A	36		MSMS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	36		MSMS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-017
 Client Id: DMW-23B
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	730	1	50	50	03/24/15	42348	W17586A2	36	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/24/15	42348	W17586A2	36	P	PEICP2A
7440-70-2	Calcium	5000	8900	1	50	50	03/24/15	42348	W17586A2	36	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/24/15	42348	W17586A2	36	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/24/15	42348	W17586A2	36	P	PEICP2A
7439-89-6	Iron	300	1600	1	50	50	03/24/15	42348	W17586A2	36	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/24/15	42348	W17586A2	36	P	PEICP2A
7439-96-5	Manganese	40	ND	1	50	50	03/24/15	42348	W17586A2	36	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/20/15	42348	17586SWB	27	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/24/15	42348	W17586A2	36	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42348	W17586B2	35	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/24/15	42348	W17586A2	36	P	PEICP2A
7440-23-5	Sodium	5000	25000	1	50	50	03/24/15	42348	W17586B2	35	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/24/15	42348	W17586A2	36	P	PEICP2A
7440-66-6	Zinc	50	61	1	50	50	03/24/15	42348	W17586A2	36	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV - ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-018
 Client Id: DMW-23BF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/27/15	42349SW32715A		36		MSMS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/27/15	42349SW32715A		36		MSMS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/27/15	42349SW32715A		36		MSMS2_7500SWA
7440-43-9	Cadmium	2.0	31	1	50	100	03/27/15	42349SW32715A		36		MSMS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/27/15	42349SW32715A		36		MSMS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/27/15	42349SW32715A		36		MSMS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/27/15	42349SW32715A		36		MSMS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/24/15	42349SW32315B		36		MSMS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-018
 Client Id: DMW-23BF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/23/15	42349	W17587A2	38	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/23/15	42349	W17587A2	38	P	PEICP2A
7440-70-2	Calcium	5000	9900	1	50	50	03/23/15	42349	W17587A2	38	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/23/15	42349	W17587A2	38	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/23/15	42349	W17587A2	38	P	PEICP2A
7439-89-6	Iron	300	ND	1	50	50	03/23/15	42349	W17587A2	38	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/23/15	42349	W17587A2	38	P	PEICP2A
7439-96-5	Manganese	40	ND	1	50	50	03/23/15	42349	W17587A2	38	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/23/15	42349	17587SWB	27	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/23/15	42349	W17587A2	38	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42349	W17587C2	15	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/23/15	42349	W17587A2	38	P	PEICP2A
7440-23-5	Sodium	5000	27000	1	50	50	03/24/15	42349	W17587C2	15	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/23/15	42349	W17587A2	38	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/23/15	42349	W17587A2	38	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-019
 Client Id: DMW-18
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42348	SW32415A	37	MSMS2_7500SWA	
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42348	SW32415A	37	MSMS2_7500SWA	
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42348	SW32415A	37	MSMS2_7500SWA	
7440-43-9	Cadmium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	37	MSMS2_7500SWA	
7440-48-4	Cobalt	2.0	ND	1	50	100	03/25/15	42348	SW32415A	37	MSMS2_7500SWA	
7439-92-1	Lead	3.0	ND	1	50	100	03/25/15	42348	SW32415A	37	MSMS2_7500SWA	
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42348	SW32415A	37	MSMS2_7500SWA	
7440-28-0	Thallium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	37	MSMS2_7500SWA	

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-019
 Client Id: DMW-18
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	440	1	50	50	03/24/15	42348	W17586A2	37	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/24/15	42348	W17586A2	37	P	PEICP2A
7440-70-2	Calcium	5000	18000	1	50	50	03/24/15	42348	W17586A2	37	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/24/15	42348	W17586A2	37	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/24/15	42348	W17586A2	37	P	PEICP2A
7439-89-6	Iron	300	520	1	50	50	03/24/15	42348	W17586A2	37	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/24/15	42348	W17586A2	37	P	PEICP2A
7439-96-5	Manganese	40	720	1	50	50	03/24/15	42348	W17586A2	37	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/20/15	42348	17586SWB	28	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/24/15	42348	W17586A2	37	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42348	W17586B2	36	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/24/15	42348	W17586A2	37	P	PEICP2A
7440-23-5	Sodium	5000	37000	1	50	50	03/24/15	42348	W17586B2	36	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/24/15	42348	W17586A2	37	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/24/15	42348	W17586A2	37	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - Cold Vapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-020
 Client Id: DMW-18F
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/27/15	42349SW32715A		37	MSMS2_7500SWA	
7440-38-2	Arsenic	2.0	ND	1	50	100	03/27/15	42349SW32715A		37	MSMS2_7500SWA	
7440-41-7	Beryllium	1.0	ND	1	50	100	03/27/15	42349SW32715A		37	MSMS2_7500SWA	
7440-43-9	Cadmium	2.0	ND	1	50	100	03/27/15	42349SW32715A		37	MSMS2_7500SWA	
7440-48-4	Cobalt	2.0	ND	1	50	100	03/27/15	42349SW32715A		37	MSMS2_7500SWA	
7439-92-1	Lead	3.0	ND	1	50	100	03/27/15	42349SW32715A		37	MSMS2_7500SWA	
7782-49-2	Selenium	10	ND	1	50	100	03/27/15	42349SW32715A		37	MSMS2_7500SWA	
7440-28-0	Thallium	2.0	ND	1	50	100	03/24/15	42349SW32315B		37	MSMS2_7500SWA	

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV - Cold Vapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-020
 Client Id: DMW-18F
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/23/15	42349	W17587A2	39	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/23/15	42349	W17587A2	39	P	PEICP2A
7440-70-2	Calcium	5000	19000	1	50	50	03/23/15	42349	W17587A2	39	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/23/15	42349	W17587A2	39	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/23/15	42349	W17587A2	39	P	PEICP2A
7439-89-6	Iron	300	ND	1	50	50	03/23/15	42349	W17587A2	39	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/23/15	42349	W17587A2	39	P	PEICP2A
7439-96-5	Manganese	40	ND	1	50	50	03/23/15	42349	W17587A2	39	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/23/15	42349	17587SWB	28	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/23/15	42349	W17587A2	39	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42349	W17587C2	16	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/23/15	42349	W17587A2	39	P	PEICP2A
7440-23-5	Sodium	5000	39000	1	50	50	03/24/15	42349	W17587C2	16	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/23/15	42349	W17587A2	39	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/23/15	42349	W17587A2	39	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - Cold Vapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-021
 Client Id: DMW-17
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42348	SW32415A	42	MSMS2_7500SWA	
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42348	SW32415A	42	MSMS2_7500SWA	
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42348	SW32415A	42	MSMS2_7500SWA	
7440-43-9	Cadmium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	42	MSMS2_7500SWA	
7440-48-4	Cobalt	2.0	ND	1	50	100	03/25/15	42348	SW32415A	42	MSMS2_7500SWA	
7439-92-1	Lead	3.0	6.5	1	50	100	03/25/15	42348	SW32415A	42	MSMS2_7500SWA	
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42348	SW32415A	42	MSMS2_7500SWA	
7440-28-0	Thallium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	42	MSMS2_7500SWA	

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-021
 Client Id: DMW-17
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/24/15	42348	W17586A2	38	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/24/15	42348	W17586A2	38	P	PEICP2A
7440-70-2	Calcium	5000	37000	1	50	50	03/24/15	42348	W17586A2	38	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/24/15	42348	W17586A2	38	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/24/15	42348	W17586A2	38	P	PEICP2A
7439-89-6	Iron	300	880	1	50	50	03/24/15	42348	W17586A2	38	P	PEICP2A
7439-95-4	Magnesium	5000	11000	1	50	50	03/24/15	42348	W17586A2	38	P	PEICP2A
7439-96-5	Manganese	40	520	1	50	50	03/24/15	42348	W17586A2	38	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/20/15	42348	17586SWB	29	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/24/15	42348	W17586A2	38	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42348	W17586B2	37	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/24/15	42348	W17586A2	38	P	PEICP2A
7440-23-5	Sodium	5000	7100	1	50	50	03/24/15	42348	W17586B2	37	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/24/15	42348	W17586A2	38	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/24/15	42348	W17586A2	38	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-022
 Client Id: DMW-17F
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42349	SW32515A	16	MSMS2_7500SWA	
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42349	SW32515A	16	MSMS2_7500SWA	
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42349	SW32515A	16	MSMS2_7500SWA	
7440-43-9	Cadmium	2.0	4.1	1	50	100	03/25/15	42349	SW32515A	16	MSMS2_7500SWA	
7440-48-4	Cobalt	2.0	ND	1	50	100	03/25/15	42349	SW32515A	16	MSMS2_7500SWA	
7439-92-1	Lead	3.0	ND	1	50	100	03/25/15	42349	SW32515A	16	MSMS2_7500SWA	
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42349	SW32515A	16	MSMS2_7500SWA	
7440-28-0	Thallium	2.0	ND	1	50	100	03/24/15	42349	SW32315B	42	MSMS2_7500SWA	

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV - Cold Vapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-022
 Client Id: DMW-17F
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/23/15	42349	W17587A2	40	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/23/15	42349	W17587A2	40	P	PEICP2A
7440-70-2	Calcium	5000	41000	1	50	50	03/23/15	42349	W17587A2	40	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/23/15	42349	W17587A2	40	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/23/15	42349	W17587A2	40	P	PEICP2A
7439-89-6	Iron	300	ND	1	50	50	03/23/15	42349	W17587A2	40	P	PEICP2A
7439-95-4	Magnesium	5000	12000	1	50	50	03/23/15	42349	W17587A2	40	P	PEICP2A
7439-96-5	Manganese	40	ND	1	50	50	03/23/15	42349	W17587A2	40	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/23/15	42349	17587SWB	29	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/23/15	42349	W17587A2	40	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42349	W17587C2	17	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/23/15	42349	W17587A2	40	P	PEICP2A
7440-23-5	Sodium	5000	8400	1	50	50	03/24/15	42349	W17587C2	17	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/23/15	42349	W17587A2	40	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/23/15	42349	W17587A2	40	P	PEICP2A

Comments:

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-023
 Client Id: DMW-9B
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42348	SW32415A	43	MSMS2_7500SWA	
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42348	SW32415A	43	MSMS2_7500SWA	
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42348	SW32415A	43	MSMS2_7500SWA	
7440-43-9	Cadmium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	43	MSMS2_7500SWA	
7440-48-4	Cobalt	2.0	ND	1	50	100	03/25/15	42348	SW32415A	43	MSMS2_7500SWA	
7439-92-1	Lead	3.0	ND	1	50	100	03/25/15	42348	SW32415A	43	MSMS2_7500SWA	
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42348	SW32415A	43	MSMS2_7500SWA	
7440-28-0	Thallium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	43	MSMS2_7500SWA	

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-023
 Client Id: DMW-9B
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/24/15	42348	W17586A2	42	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/24/15	42348	W17586A2	42	P	PEICP2A
7440-70-2	Calcium	5000	6400	1	50	50	03/24/15	42348	W17586A2	42	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/24/15	42348	W17586A2	42	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/24/15	42348	W17586A2	42	P	PEICP2A
7439-89-6	Iron	300	ND	1	50	50	03/24/15	42348	W17586A2	42	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/24/15	42348	W17586A2	42	P	PEICP2A
7439-96-5	Manganese	40	44	1	50	50	03/24/15	42348	W17586A2	42	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/20/15	42348	17586SWB	30	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/24/15	42348	W17586A2	42	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42348	W17586B2	41	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/24/15	42348	W17586A2	42	P	PEICP2A
7440-23-5	Sodium	5000	13000	1	50	50	03/24/15	42348	W17586B2	41	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/24/15	42348	W17586A2	42	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/24/15	42348	W17586A2	42	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-024
 Client Id: DMW-9BF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42349	SW32515A	17		MSMS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42349	SW32515A	17		MSMS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42349	SW32515A	17		MSMS2_7500SWA
7440-43-9	Cadmium	2.0	2.5	1	50	100	03/25/15	42349	SW32515A	17		MSMS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/25/15	42349	SW32515A	17		MSMS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/25/15	42349	SW32515A	17		MSMS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42349	SW32515A	17		MSMS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/24/15	42349	SW32315B	43		MSMS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-024
 Client Id: DMW-9BF
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/23/15	42349	W17587A2	44	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/23/15	42349	W17587A2	44	P	PEICP2A
7440-70-2	Calcium	5000	6700	1	50	50	03/23/15	42349	W17587A2	44	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/23/15	42349	W17587A2	44	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/23/15	42349	W17587A2	44	P	PEICP2A
7439-89-6	Iron	300	ND	1	50	50	03/23/15	42349	W17587A2	44	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/23/15	42349	W17587A2	44	P	PEICP2A
7439-96-5	Manganese	40	ND	1	50	50	03/23/15	42349	W17587A2	44	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/23/15	42349	17587SWB	30	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/23/15	42349	W17587A2	44	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42349	W17587C2	21	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/23/15	42349	W17587A2	44	P	PEICP2A
7440-23-5	Sodium	5000	14000	1	50	50	03/24/15	42349	W17587C2	21	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/23/15	42349	W17587A2	44	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/23/15	42349	W17587A2	44	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -Cold Vapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-025
 Client Id: DFB
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42348	SW32415A	44		MSMS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42348	SW32415A	44		MSMS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42348	SW32415A	44		MSMS2_7500SWA
7440-43-9	Cadmium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	44		MSMS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/25/15	42348	SW32415A	44		MSMS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/25/15	42348	SW32415A	44		MSMS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42348	SW32415A	44		MSMS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	44		MSMS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-025
 Client Id: DFB
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/24/15	42348	W17586A2	43	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/24/15	42348	W17586A2	43	P	PEICP2A
7440-70-2	Calcium	5000	ND	1	50	50	03/24/15	42348	W17586A2	43	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/24/15	42348	W17586A2	43	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/24/15	42348	W17586A2	43	P	PEICP2A
7439-89-6	Iron	300	ND	1	50	50	03/24/15	42348	W17586A2	43	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/24/15	42348	W17586A2	43	P	PEICP2A
7439-96-5	Manganese	40	ND	1	50	50	03/24/15	42348	W17586A2	43	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/20/15	42348	17586SWB	31	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/24/15	42348	W17586A2	43	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42348	W17586B2	42	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/24/15	42348	W17586A2	43	P	PEICP2A
7440-23-5	Sodium	5000	ND	1	50	50	03/24/15	42348	W17586B2	42	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/24/15	42348	W17586A2	43	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/24/15	42348	W17586A2	43	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-026
 Client Id: DFB-F
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42349	SW32515A	18		MSMS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42349	SW32515A	18		MSMS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42349	SW32515A	18		MSMS2_7500SWA
7440-43-9	Cadmium	2.0	ND	1	50	100	03/25/15	42349	SW32515A	18		MSMS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/25/15	42349	SW32515A	18		MSMS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/25/15	42349	SW32515A	18		MSMS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42349	SW32515A	18		MSMS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/24/15	42349	SW32315B	44		MSMS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-026
 Client Id: DFB-F
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/23/15	42349	W17587A2	45	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/23/15	42349	W17587A2	45	P	PEICP2A
7440-70-2	Calcium	5000	ND	1	50	50	03/23/15	42349	W17587A2	45	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/23/15	42349	W17587A2	45	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/23/15	42349	W17587A2	45	P	PEICP2A
7439-89-6	Iron	300	ND	1	50	50	03/23/15	42349	W17587A2	45	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/23/15	42349	W17587A2	45	P	PEICP2A
7439-96-5	Manganese	40	ND	1	50	50	03/23/15	42349	W17587A2	45	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/23/15	42349	17587SWB	31	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/23/15	42349	W17587A2	45	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42349	W17587C2	22	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/23/15	42349	W17587A2	45	P	PEICP2A
7440-23-5	Sodium	5000	ND	1	50	50	03/24/15	42349	W17587C2	22	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/23/15	42349	W17587A2	45	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/23/15	42349	W17587A2	45	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-027
 Client Id: DMW-2
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42348	SW32415A	45	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	21	1	50	100	03/25/15	42348	SW32415A	45	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42348	SW32415A	45	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	15	1	50	100	03/25/15	42348	SW32415A	45	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	13	1	50	100	03/25/15	42348	SW32415A	45	MS	MS2_7500SWA
7439-92-1	Lead	3.0	29	1	50	100	03/25/15	42348	SW32415A	45	MS	MS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42348	SW32415A	45	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	45	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-027
 Client Id: DMW-2
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	7200	1	50	50	03/24/15	42348	W17586A2	44	P	PEICP2A
7440-39-3	Barium	50	65	1	50	50	03/24/15	42348	W17586A2	44	P	PEICP2A
7440-70-2	Calcium	5000	21000	1	50	50	03/24/15	42348	W17586A2	44	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/24/15	42348	W17586A2	44	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/24/15	42348	W17586A2	44	P	PEICP2A
7439-89-6	Iron	300	98000	1	50	50	03/24/15	42348	W17586A2	44	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/24/15	42348	W17586A2	44	P	PEICP2A
7439-96-5	Manganese	40	410	1	50	50	03/24/15	42348	W17586A2	44	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/20/15	42348	17586SWB	32	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/24/15	42348	W17586A2	44	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42348	W17586B2	43	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/24/15	42348	W17586A2	44	P	PEICP2A
7440-23-5	Sodium	5000	19000	1	50	50	03/24/15	42348	W17586B2	43	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/24/15	42348	W17586A2	44	P	PEICP2A
7440-66-6	Zinc	50	210	1	50	50	03/24/15	42348	W17586A2	44	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-028
 Client Id: DMW-2F
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42349SW32515A		19	MSMS2_7500SWA	
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42349SW32515A		19	MSMS2_7500SWA	
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42349SW32515A		19	MSMS2_7500SWA	
7440-43-9	Cadmium	2.0	2.6	1	50	100	03/25/15	42349SW32515A		19	MSMS2_7500SWA	
7440-48-4	Cobalt	2.0	3.8	1	50	100	03/25/15	42349SW32515A		19	MSMS2_7500SWA	
7439-92-1	Lead	3.0	ND	1	50	100	03/25/15	42349SW32515A		19	MSMS2_7500SWA	
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42349SW32515A		19	MSMS2_7500SWA	
7440-28-0	Thallium	2.0	ND	1	50	100	03/24/15	42349SW32315B		45	MSMS2_7500SWA	

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV - ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-028
 Client Id: DMW-2F
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/23/15	42349	W17587A2	46	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/23/15	42349	W17587A2	46	P	PEICP2A
7440-70-2	Calcium	5000	20000	1	50	50	03/23/15	42349	W17587A2	46	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/23/15	42349	W17587A2	46	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/23/15	42349	W17587A2	46	P	PEICP2A
7439-89-6	Iron	300	4200	1	50	50	03/23/15	42349	W17587A2	46	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/23/15	42349	W17587A2	46	P	PEICP2A
7439-96-5	Manganese	40	240	1	50	50	03/23/15	42349	W17587A2	46	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/23/15	42349	17587SWB	32	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/23/15	42349	W17587A2	46	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42349	W17587C2	23	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/23/15	42349	W17587A2	46	P	PEICP2A
7440-23-5	Sodium	5000	20000	1	50	50	03/24/15	42349	W17587C2	23	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/23/15	42349	W17587A2	46	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/23/15	42349	W17587A2	46	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-029
 Client Id: DMW-9
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42348	SW32415A	46		MSMS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42348	SW32415A	46		MSMS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42348	SW32415A	46		MSMS2_7500SWA
7440-43-9	Cadmium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	46		MSMS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/25/15	42348	SW32415A	46		MSMS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/25/15	42348	SW32415A	46		MSMS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42348	SW32415A	46		MSMS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	46		MSMS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-029
 Client Id: DMW-9
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/24/15	42348	W17586A2	45	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/24/15	42348	W17586A2	45	P	PEICP2A
7440-70-2	Calcium	5000	13000	1	50	50	03/24/15	42348	W17586A2	45	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/24/15	42348	W17586A2	45	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/24/15	42348	W17586A2	45	P	PEICP2A
7439-89-6	Iron	300	550	1	50	50	03/24/15	42348	W17586A2	45	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/24/15	42348	W17586A2	45	P	PEICP2A
7439-96-5	Manganese	40	ND	1	50	50	03/24/15	42348	W17586A2	45	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/20/15	42348	17586SWB	35	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/24/15	42348	W17586A2	45	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42348	W17586B2	44	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/24/15	42348	W17586A2	45	P	PEICP2A
7440-23-5	Sodium	5000	18000	1	50	50	03/24/15	42348	W17586B2	44	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/24/15	42348	W17586A2	45	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/24/15	42348	W17586A2	45	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - Cold Vapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-030
 Client Id: DMW-9F
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/26/15	42349SW32515A		20		MSMS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/26/15	42349SW32515A		20		MSMS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/26/15	42349SW32515A		20		MSMS2_7500SWA
7440-43-9	Cadmium	2.0	2.4	1	50	100	03/26/15	42349SW32515A		20		MSMS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/26/15	42349SW32515A		20		MSMS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/26/15	42349SW32515A		20		MSMS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/26/15	42349SW32515A		20		MSMS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/24/15	42349SW32315B		46		MSMS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-030
 Client Id: DMW-9F
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/23/15	42349	W17587A2	47	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/23/15	42349	W17587A2	47	P	PEICP2A
7440-70-2	Calcium	5000	14000	1	50	50	03/23/15	42349	W17587A2	47	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/23/15	42349	W17587A2	47	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/23/15	42349	W17587A2	47	P	PEICP2A
7439-89-6	Iron	300	ND	1	50	50	03/23/15	42349	W17587A2	47	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/23/15	42349	W17587A2	47	P	PEICP2A
7439-96-5	Manganese	40	ND	1	50	50	03/23/15	42349	W17587A2	47	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/23/15	42349	17587SWB	35	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/23/15	42349	W17587A2	47	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42349	W17587C2	24	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/23/15	42349	W17587A2	47	P	PEICP2A
7440-23-5	Sodium	5000	21000	1	50	50	03/24/15	42349	W17587C2	24	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/23/15	42349	W17587A2	47	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/23/15	42349	W17587A2	47	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-031
 Client Id: DMW-3
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/25/15	42348	SW32415A	47	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	03/25/15	42348	SW32415A	47	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	03/25/15	42348	SW32415A	47	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	20	1	50	100	03/25/15	42348	SW32415A	47	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	03/25/15	42348	SW32415A	47	MS	MS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	03/25/15	42348	SW32415A	47	MS	MS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	03/25/15	42348	SW32415A	47	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	03/25/15	42348	SW32415A	47	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-031
 Client Id: DMW-3
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	490	1	50	50	03/24/15	42348	W17586A2	46	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/24/15	42348	W17586A2	46	P	PEICP2A
7440-70-2	Calcium	5000	9300	1	50	50	03/24/15	42348	W17586A2	46	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/24/15	42348	W17586A2	46	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/24/15	42348	W17586A2	46	P	PEICP2A
7439-89-6	Iron	300	510	1	50	50	03/24/15	42348	W17586A2	46	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/24/15	42348	W17586A2	46	P	PEICP2A
7439-96-5	Manganese	40	64	1	50	50	03/24/15	42348	W17586A2	46	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/20/15	42348	17586SWB	36	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/24/15	42348	W17586A2	46	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42348	W17586B2	45	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/24/15	42348	W17586A2	46	P	PEICP2A
7440-23-5	Sodium	5000	18000	1	50	50	03/24/15	42348	W17586B2	45	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/24/15	42348	W17586A2	46	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/24/15	42348	W17586A2	46	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-032
 Client Id: DMW-3F
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	03/26/15	42349	SW32515A	21	MSMS2_7500SWA	
7440-38-2	Arsenic	2.0	ND	1	50	100	03/26/15	42349	SW32515A	21	MSMS2_7500SWA	
7440-41-7	Beryllium	1.0	ND	1	50	100	03/26/15	42349	SW32515A	21	MSMS2_7500SWA	
7440-43-9	Cadmium	2.0	14	1	50	100	03/26/15	42349	SW32515A	21	MSMS2_7500SWA	
7440-48-4	Cobalt	2.0	ND	1	50	100	03/26/15	42349	SW32515A	21	MSMS2_7500SWA	
7439-92-1	Lead	3.0	ND	1	50	100	03/26/15	42349	SW32515A	21	MSMS2_7500SWA	
7782-49-2	Selenium	10	ND	1	50	100	03/26/15	42349	SW32515A	21	MSMS2_7500SWA	
7440-28-0	Thallium	2.0	ND	1	50	100	03/24/15	42349	SW32315B	47	MSMS2_7500SWA	

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-032
 Client Id: DMW-3F
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	03/23/15	42349	W17587A2	48	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	03/23/15	42349	W17587A2	48	P	PEICP2A
7440-70-2	Calcium	5000	9300	1	50	50	03/23/15	42349	W17587A2	48	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	03/23/15	42349	W17587A2	48	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	03/23/15	42349	W17587A2	48	P	PEICP2A
7439-89-6	Iron	300	ND	1	50	50	03/23/15	42349	W17587A2	48	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	03/23/15	42349	W17587A2	48	P	PEICP2A
7439-96-5	Manganese	40	ND	1	50	50	03/23/15	42349	W17587A2	48	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	03/23/15	42349	17587SWB	36	CV	HGCV1A
7440-02-0	Nickel	50	ND	1	50	50	03/23/15	42349	W17587A2	48	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	03/24/15	42349	W17587C2	25	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	03/23/15	42349	W17587A2	48	P	PEICP2A
7440-23-5	Sodium	5000	18000	1	50	50	03/24/15	42349	W17587C2	25	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	03/23/15	42349	W17587A2	48	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	03/23/15	42349	W17587A2	48	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-033
 Client Id: DMW-15B MS
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	500	1	50	100	03/25/15	42348	SW32415A	22	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	490	1	50	100	03/25/15	42348	SW32415A	22	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	500	1	50	100	03/25/15	42348	SW32415A	22	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	480	1	50	100	03/25/15	42348	SW32415A	22	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	490	1	50	100	03/25/15	42348	SW32415A	22	MS	MS2_7500SWA
7439-92-1	Lead	3.0	490	1	50	100	03/25/15	42348	SW32415A	22	MS	MS2_7500SWA
7782-49-2	Selenium	10	470	1	50	100	03/25/15	42348	SW32415A	22	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	470	1	50	100	03/25/15	42348	SW32415A	22	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-033
 Client Id: DMW-15B MS
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	4600	1	50	50	03/24/15	42348	W17586A2	17	P	PEICP2A
7440-39-3	Barium	50	490	1	50	50	03/24/15	42348	W17586A2	17	P	PEICP2A
7440-70-2	Calcium	5000	56000	1	50	50	03/24/15	42348	W17586A2	17	P	PEICP2A
7440-47-3	Chromium	50	460	1	50	50	03/24/15	42348	W17586A2	17	P	PEICP2A
7440-50-8	Copper	50	460	1	50	50	03/24/15	42348	W17586A2	17	P	PEICP2A
7439-89-6	Iron	300	6100	1	50	50	03/24/15	42348	W17586A2	17	P	PEICP2A
7439-95-4	Magnesium	5000	49000	1	50	50	03/24/15	42348	W17586A2	17	P	PEICP2A
7439-96-5	Manganese	40	540	1	50	50	03/24/15	42348	W17586A2	17	P	PEICP2A
7439-97-6	Mercury	0.70	9.3	1	25	25	03/20/15	42348	17586SWB	16	CV	HGCV1A
7440-02-0	Nickel	50	460	1	50	50	03/24/15	42348	W17586A2	17	P	PEICP2A
7440-09-7	Potassium	5000	49000	1	50	50	03/24/15	42348	W17586B2	16	P	PEICPRAD2A
7440-22-4	Silver	20	86	1	50	50	03/24/15	42348	W17586A2	17	P	PEICP2A
7440-23-5	Sodium	5000	78000	1	50	50	03/24/15	42348	W17586B2	16	P	PEICPRAD2A
7440-62-2	Vanadium	50	450	1	50	50	03/24/15	42348	W17586A2	17	P	PEICP2A
7440-66-6	Zinc	50	480	1	50	50	03/24/15	42348	W17586A2	17	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-034
 Client Id: DMW-15B MSD
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	490	1	50	100	03/25/15	42348	SW32415A	23	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	470	1	50	100	03/25/15	42348	SW32415A	23	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	490	1	50	100	03/25/15	42348	SW32415A	23	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	460	1	50	100	03/25/15	42348	SW32415A	23	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	460	1	50	100	03/25/15	42348	SW32415A	23	MS	MS2_7500SWA
7439-92-1	Lead	3.0	470	1	50	100	03/25/15	42348	SW32415A	23	MS	MS2_7500SWA
7782-49-2	Selenium	10	460	1	50	100	03/25/15	42348	SW32415A	23	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	440	1	50	100	03/25/15	42348	SW32415A	23	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-034
 Client Id: DMW-15B MSD
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	4600	1	50	50	03/24/15	42348	W17586A2	18	P	PEICP2A
7440-39-3	Barium	50	490	1	50	50	03/24/15	42348	W17586A2	18	P	PEICP2A
7440-70-2	Calcium	5000	57000	1	50	50	03/24/15	42348	W17586A2	18	P	PEICP2A
7440-47-3	Chromium	50	460	1	50	50	03/24/15	42348	W17586A2	18	P	PEICP2A
7440-50-8	Copper	50	460	1	50	50	03/24/15	42348	W17586A2	18	P	PEICP2A
7439-89-6	Iron	300	6000	1	50	50	03/24/15	42348	W17586A2	18	P	PEICP2A
7439-95-4	Magnesium	5000	50000	1	50	50	03/24/15	42348	W17586A2	18	P	PEICP2A
7439-96-5	Manganese	40	520	1	50	50	03/24/15	42348	W17586A2	18	P	PEICP2A
7439-97-6	Mercury	0.70	10	1	25	25	03/20/15	42348	17586SWB	17	CV	HGCV1A
7440-02-0	Nickel	50	460	1	50	50	03/24/15	42348	W17586A2	18	P	PEICP2A
7440-09-7	Potassium	5000	49000	1	50	50	03/24/15	42348	W17586B2	17	P	PEICPRAD2A
7440-22-4	Silver	20	86	1	50	50	03/24/15	42348	W17586A2	18	P	PEICP2A
7440-23-5	Sodium	5000	77000	1	50	50	03/24/15	42348	W17586B2	17	P	PEICPRAD2A
7440-62-2	Vanadium	50	450	1	50	50	03/24/15	42348	W17586A2	18	P	PEICP2A
7440-66-6	Zinc	50	490	1	50	50	03/24/15	42348	W17586A2	18	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - Cold Vapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-035
 Client Id: DMW-15BF MS
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	520	1	50	100	03/27/15	42349	SW32715A	22	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	490	1	50	100	03/27/15	42349	SW32715A	22	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	490	1	50	100	03/27/15	42349	SW32715A	22	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	480	1	50	100	03/27/15	42349	SW32715A	22	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	470	1	50	100	03/27/15	42349	SW32715A	22	MS	MS2_7500SWA
7439-92-1	Lead	3.0	500	1	50	100	03/27/15	42349	SW32715A	22	MS	MS2_7500SWA
7782-49-2	Selenium	10	480	1	50	100	03/27/15	42349	SW32715A	22	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	460	1	50	100	03/24/15	42349	SW32315B	22	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-035
 Client Id: DMW-15BF MS
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	4900	1	50	50	03/23/15	42349	W17587A2	17	P	PEICP2A
7440-39-3	Barium	50	530	1	50	50	03/23/15	42349	W17587A2	17	P	PEICP2A
7440-70-2	Calcium	5000	58000	1	50	50	03/23/15	42349	W17587A2	17	P	PEICP2A
7440-47-3	Chromium	50	490	1	50	50	03/23/15	42349	W17587A2	17	P	PEICP2A
7440-50-8	Copper	50	500	1	50	50	03/23/15	42349	W17587A2	17	P	PEICP2A
7439-89-6	Iron	300	5100	1	50	50	03/23/15	42349	W17587A2	17	P	PEICP2A
7439-95-4	Magnesium	5000	51000	1	50	50	03/23/15	42349	W17587A2	17	P	PEICP2A
7439-96-5	Manganese	40	520	1	50	50	03/23/15	42349	W17587A2	17	P	PEICP2A
7439-97-6	Mercury	0.70	10	1	25	25	03/23/15	42349	17587SWB	16	CV	HGCV1A
7440-02-0	Nickel	50	490	1	50	50	03/23/15	42349	W17587A2	17	P	PEICP2A
7440-09-7	Potassium	5000	48000	1	50	50	03/23/15	42349	W17587B2	16	P	PEICPRAD2A
7440-22-4	Silver	20	98	1	50	50	03/23/15	42349	W17587A2	17	P	PEICP2A
7440-23-5	Sodium	5000	84000	1	50	50	03/23/15	42349	W17587B2	16	P	PEICPRAD2A
7440-62-2	Vanadium	50	490	1	50	50	03/23/15	42349	W17587A2	17	P	PEICP2A
7440-66-6	Zinc	50	510	1	50	50	03/23/15	42349	W17587A2	17	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-036
 Client Id: DMW-15BF MSD
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	520	1	50	100	03/27/15	42349	SW32715A	23		MSMS2_7500SWA
7440-38-2	Arsenic	2.0	480	1	50	100	03/27/15	42349	SW32715A	23		MSMS2_7500SWA
7440-41-7	Beryllium	1.0	490	1	50	100	03/27/15	42349	SW32715A	23		MSMS2_7500SWA
7440-43-9	Cadmium	2.0	480	1	50	100	03/27/15	42349	SW32715A	23		MSMS2_7500SWA
7440-48-4	Cobalt	2.0	470	1	50	100	03/27/15	42349	SW32715A	23		MSMS2_7500SWA
7439-92-1	Lead	3.0	500	1	50	100	03/27/15	42349	SW32715A	23		MSMS2_7500SWA
7782-49-2	Selenium	10	480	1	50	100	03/27/15	42349	SW32715A	23		MSMS2_7500SWA
7440-28-0	Thallium	2.0	440	1	50	100	03/24/15	42349	SW32315B	23		MSMS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC83807-036
 Client Id: DMW-15BF MSD
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 3/18/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	5000	1	50	50	03/23/15	42349	W17587A2	18	P	PEICP2A
7440-39-3	Barium	50	530	1	50	50	03/23/15	42349	W17587A2	18	P	PEICP2A
7440-70-2	Calcium	5000	61000	1	50	50	03/23/15	42349	W17587A2	18	P	PEICP2A
7440-47-3	Chromium	50	500	1	50	50	03/23/15	42349	W17587A2	18	P	PEICP2A
7440-50-8	Copper	50	510	1	50	50	03/23/15	42349	W17587A2	18	P	PEICP2A
7439-89-6	Iron	300	5100	1	50	50	03/23/15	42349	W17587A2	18	P	PEICP2A
7439-95-4	Magnesium	5000	53000	1	50	50	03/23/15	42349	W17587A2	18	P	PEICP2A
7439-96-5	Manganese	40	540	1	50	50	03/23/15	42349	W17587A2	18	P	PEICP2A
7439-97-6	Mercury	0.70	10	1	25	25	03/23/15	42349	17587SWB	17	CV	HGCV1A
7440-02-0	Nickel	50	500	1	50	50	03/23/15	42349	W17587A2	18	P	PEICP2A
7440-09-7	Potassium	5000	49000	1	50	50	03/23/15	42349	W17587B2	17	P	PEICPRAD2A
7440-22-4	Silver	20	100	1	50	50	03/23/15	42349	W17587A2	18	P	PEICP2A
7440-23-5	Sodium	5000	84000	1	50	50	03/23/15	42349	W17587B2	17	P	PEICPRAD2A
7440-62-2	Vanadium	50	500	1	50	50	03/23/15	42349	W17587A2	18	P	PEICP2A
7440-66-6	Zinc	50	520	1	50	50	03/23/15	42349	W17587A2	18	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Metal Data
QC Data

FORM 2 (ICV/CCV Summary)

Date Analyzed: 03/23/15
 Data File: SW17587A2
 Prep Batch: 42349
 Analytical Method: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A
 Instrument: PEICP2A
 Units: All units in ppm except Hg and icp-ms in ppb
 Project Number: 5031810

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICV/CCV SOURCE: VHGB LABS

Analyte	ICV/CCV V Amt	ICV V- 202964- 7	Rec	CCV V- 202964- 20	Rec	CCV V- 202964- 31	Rec	CCV V- 202964- 41	Rec	CCV V- 202964- 51	Rec	Rec	Rec	Rec
Aluminum	10/5	5.00935	100	5.05292	101	5.05396	101	5.01409	100	4.98853	100			
Barium	1/5	0.49035	98	0.49362	99	0.49290	99	0.49051	98	0.48666	97			
Beryllium	1/5	0.48472	97	0.48409	97	0.48694	97	0.47583	95	0.47685	95			
Calcium	100/50	48.77790	98	48.78490	98	49.03790	98	47.98120	96	47.99900	96			
Chromium	1/5	0.49253	99	0.49243	98	0.49550	99	0.49187	98	0.48686	97			
Copper	1/5	0.49381	99	0.49675	99	0.49579	99	0.49482	99	0.49182	98			
Iron	10/5	4.94732	99	4.97471	99	4.97539	100	4.94425	99	4.90566	98			
Magnesium	100/50	49.30510	99	49.27260	99	49.57840	99	48.43040	97	48.48460	97			
Manganese	1/5	0.48314	97	0.48559	97	0.48506	97	0.48291	97	0.47872	96			
Nickel	1/5	0.48787	98	0.48800	98	0.48931	98	0.48533	97	0.48187	96			
Silver	0.2/0.1	0.10022	100	0.09968	100	0.10072	101	0.10006	100	0.09889	99			
Vanadium	1/5	0.48147	96	0.48577	97	0.48345	97	0.48170	96	0.47677	95			
Zinc	1/5	0.48645	97	0.48818	98	0.48984	98	0.48451	97	0.48116	96			

Notes: a-indicates analyte failed the ICV limits for 6010B/6010C, 6020/6020A
 b-indicates analyte failed the ICV limits for 200.7 or 200.8
 c-indicates analyte failed the CCV limits for 200.7/200.8/245.1/6010B/6010C (Except Hg 7470/7470A,7471A/7471B),6020/6020A
 d-indicates analyte failed the CCV limits Hg 7470A/7471A/7471B

Qc Limits: ICV - 200.7 : 95-105 CLP ICP ICV/CCV: 90-110
 CCV- 200.7/200.8/6010B/6010C/245.1 : 90-110 (Except Hg 7470/7470A/ 7471A/7471B=80-120) CLP Hg ICV/CCV: 80-120
 ICV -6010B/6010C/6020/6020A/200.8 : 90-110

FORM 2 (LLICV/LLCCV Summary)

Date Analyzed: 03/23/15
 Data File: SW17587A2
 Prep Batch: 42349
 Analytical Method: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A
 Instrument: PEICP2A
 Units: All units in ppm except Hg and icp-ms in ppb
 Project Number: 5031810

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICV/CCV SOURCE: VHG LABS

Analyte	LLICV/ LLCCV Amt	LLICV [aq] V- 206357- 8	Rec	LLCCV [aq] V- 206357- 21	Rec	LLCCV [aq] V- 206357- 32	Rec	LLCCV [aq] V- 206357- 42	Rec	LLCCV [aq] V- 206357- 52	Rec	Rec	Rec	Rec
Aluminum	0.2/0.2	0.201843	101	0.200684	100	0.200322	100	0.193212	97	0.195757	98			
Barium	0.05/0.05	0.0517241	103	0.0520598	104	0.0509957	102	0.0504520	101	0.0504534	101			
Beryllium	0.012/0.012	0.0119102	99	0.0120649	101	0.0117908	98	0.0116915	97	0.0117314	98			
Calcium	5.0/5	5.12828	103	5.16254	103	5.11990	102	5.06189	101	5.08725	102			
Chromium	0.05/0.05	0.0515691	103	0.0516455	103	0.0510786	102	0.0505612	101	0.0506654	101			
Copper	0.05/0.05	0.0519584	104	0.0518392	104	0.0512696	103	0.0511370	102	0.0511606	102			
Iron	0.3/0.3	0.304356	101	0.308366	103	0.302624	101	0.298759	100	0.298604	100			
Magnesium	5.0/5	5.21301	104	5.28485	106	5.17371	103	5.10652	102	5.11474	102			
Manganese	0.04/0.04	0.0400632	100	0.0405023	101	0.0396936	99	0.0392852	98	0.0390969	98			
Nickel	0.05/0.05	0.0505699	101	0.0518297	104	0.0504235	101	0.0496309	99	0.0497768	100			
Silver	0.02/0.02	0.0198897	99	0.0201372	101	0.0196385	98	0.0194558	97	0.0191962	96			
Vanadium	0.05/0.05	0.0497853	100	0.0507308	101	0.0492208	98	0.0486419	97	0.0493407	99			
Zinc	0.05/0.05	0.0502784	101	0.0511372	102	0.0505125	101	0.0497228	99	0.0499732	100			

Notes: a-indicates analyte failed the LLICV limits for 6010B, 6010C, 6020, 6020A
 c-indicates analyte failed the LLCCV limits for 6010B, 6010C, 6020, 6020A

Qc Limits: LLCCV- 6010B/6010C/6020/6020A (70-130)
 LLICV -6010B/6010C/6020/6020A :70-130

FORM 2 (ICV/CCV Summary)

Date Analyzed: 03/23/15
 Data File: SW17587B2
 Prep Batch: 42349
 Analytical Method: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A
 Instrument: PEICPRAD2A
 Units: All units in ppm except Hg and icp-ms in ppb
 Project Number: 5031810

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICV/CCV SOURCE: VHG LABS

Analyte	ICV/CC V Amt	ICV V- 202964- 6	Rec	CCV V- 202964- 19	Rec	CCV V- 202964- 28	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec
Potassium	100/50	48.85420	98	48.69840	97	48.35740	97							
Sodium	100/50	49.01790	98	48.95550	98	48.86270	98							

Notes: a-indicates analyte failed the ICV limits for 6010B/6010C, 6020/6020A
 b-indicates analyte failed the ICV limits for 200.7 or 200.8
 c-indicates analyte failed the CCV limits for 200.7/200.8/245.1/6010B/6010C (Except Hg 7470/7470A,7471A/7471B),6020/6020A
 d-indicates analyte failed the CCV limits Hg 7470A/7471A/7471B

Qc Limits: ICV - 200.7 : 95-105 CLP ICP ICV/CCV: 90-110
 CCV- 200.7/200.8/6010B/6010C/245.1 : 90-110 (Except Hg 7470/7470A/ 7471A/7471B=80-120) CLP Hg ICV/CCV: 80-120
 ICV -6010B/6010C/6020/6020A/200.8 : 90-110

FORM 2 (LLICV/LLCCV Summary)

Date Analyzed: 03/23/15
 Data File: SW17587B2
 Prep Batch: 42349
 Analytical Method: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A
 Instrument: PEICPRAD2A
 Units: All units in ppm except Hg and icp-ms in ppb
 Project Number: 5031810

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICV/CCV SOURCE: VHG LABS

Analyte	LLICV/ LLCCV Amt	LLICV [aq] V- 206357- 7	Rec	LLCCV [aq] V- 206357- 20	Rec	LLCCV [aq] V- 206357- 29	Rec	Rec	Rec	Rec	Rec	Rec	Rec
Potassium	5.0/5	5.22736	105	5.25920	105	5.19203	104						
Sodium	5.0/5	5.25965	105	5.32239	106	5.23953	105						

Notes: a-indicates analyte failed the LLICV limits for 6010B, 6010C, 6020, 6020A
 c-indicates analyte failed the LLCCV limits for 6010B, 6010C, 6020, 6020A

Qc Limits: LLCCV- 6010B/6010C/6020/6020A (70-130)
 LLICV -6010B/6010C/6020/6020A :70-130

FORM 2 (ICV/CCV Summary)

Date Analyzed: 03/24/15
 Data File: SW17586A2
 Prep Batch: 42348
 Analytical Method: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A
 Instrument: PEICP2A
 Units: All units in ppm except Hg and icp-ms in ppb
 Project Number: 5031810

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICV/CCV SOURCE: VHG LABS

Analyte	ICV/CCV V Amt	ICV V- 202964- 7	Rec	CCV V- 202964- 20	Rec	CCV V- 202964- 31	Rec	CCV V- 202964- 39	Rec	CCV V- 202964- 49	Rec	Rec	Rec	Rec
Aluminum	10/5	5.06802	101	5.10393	102	5.11523	102	5.10090	102	5.15056	103			
Barium	1/5	0.49909	100	0.50119	100	0.50106	100	0.50030	100	0.50322	101			
Calcium	100/50	49.69820	99	49.73510	99	50.04400	100	49.80390	100	49.73150	99			
Chromium	1/5	0.49988	100	0.50151	100	0.49997	100	0.50051	100	0.50384	101			
Copper	1/5	0.49984	100	0.50114	100	0.50385	101	0.50580	101	0.50906	102			
Iron	10/5	5.04546	101	5.06796	101	5.05332	101	5.04239	101	5.06985	101			
Magnesium	100/50	50.11950	100	50.18150	100	50.30350	101	49.97460	100	49.76240	100			
Manganese	1/5	0.49158	98	0.49358	99	0.49262	99	0.49281	99	0.49541	99			
Nickel	1/5	0.49564	99	0.49832	100	0.49566	99	0.49402	99	0.49547	99			
Silver	0.2/0.1	0.10099	101	0.10160	102	0.10095	101	0.10123	101	0.10197	102			
Vanadium	1/5	0.48775	98	0.48889	98	0.49117	98	0.49328	99	0.49687	99			
Zinc	1/5	0.49951	100	0.50199	100	0.49449	99	0.49251	99	0.49183	98			

Notes: a-indicates analyte failed the ICV limits for 6010B/6010C, 6020/6020A
 b-indicates analyte failed the ICV limits for 200.7 or 200.8
 c-indicates analyte failed the CCV limits for 200.7/200.8/245.1/6010B/6010C (Except Hg 7470/7470A,7471A/7471B),6020/6020A
 d-indicates analyte failed the CCV limits Hg 7470A/7471A/7471B

Qc Limits: ICV - 200.7 : 95-105 CLP ICP ICV/CCV: 90-110
 CCV- 200.7/200.8/6010B/6010C/245.1 : 90-110 (Except Hg 7470/7470A/ 7471A/7471B=80-120) CLP Hg ICV/CCV: 80-120
 ICV -6010B/6010C/6020/6020A/200.8 : 90-110

FORM 2 (LLICV/LLCCV Summary)

Date Analyzed: 03/24/15
 Data File: SW17586A2
 Prep Batch: 42348
 Analytical Method: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A
 Instrument: PEICP2A
 Units: All units in ppm except Hg and icp-ms in ppb
 Project Number: 5031810

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICV/CCV SOURCE: VHG LABS

Analyte	LLICV/ LLCCV Amt	LLICV [aq] V- 206357- g	Rec	LLCCV [aq] V- 206357- 21	Rec	LLCCV [aq] V- 206357- 32	Rec	LLCCV [aq] V- 206357- 40	Rec	LLCCV [aq] V- 206357- 50	Rec	Rec	Rec	Rec	Rec
Aluminum	0.2/0.2	0.188551	94	0.193655	97	0.193761	97	0.191602	96	0.185129	93				
Barium	0.05/0.05	0.0503264	101	0.0509617	102	0.0510607	102	0.0513771	103	0.0503144	101				
Calcium	5.0/5	5.02835	101	5.04088	101	5.11257	102	5.03203	101	4.98595	100				
Chromium	0.05/0.05	0.0502152	100	0.0504212	101	0.0505819	101	0.0509076	102	0.0500430	100				
Copper	0.05/0.05	0.0510584	102	0.0513173	103	0.0516599	103	0.0521962	104	0.0506875	101				
Iron	0.3/0.3	0.291958	97	0.295440	98	0.296517	99	0.298668	100	0.290305	97				
Magnesium	5.0/5	5.11713	102	5.17913	104	5.16095	103	5.16710	103	5.02846	101				
Manganese	0.04/0.04	0.0388397	97	0.0392189	98	0.0393434	98	0.0394047	99	0.0383249	96				
Nickel	0.05/0.05	0.0495776	99	0.0499702	100	0.0503960	101	0.0489609	98	0.0479186	96				
Silver	0.02/0.02	0.0194643	97	0.0196391	98	0.0194552	97	0.0193496	97	0.0189546	95				
Vanadium	0.05/0.05	0.0483837	97	0.0494432	99	0.0499765	100	0.0497627	100	0.0475079	95				
Zinc	0.05/0.05	0.0494803	99	0.0498679	100	0.0498414	100	0.0484734	97	0.0478489	96				

Notes: a-indicates analyte failed the LLICV limits for 6010B, 6010C, 6020, 6020A
 c-indicates analyte failed the LLCCV limits for 6010B, 6010C, 6020, 6020A

Qc Limits: LLCCV- 6010B/6010C/6020/6020A (70-130)
 LLICV -6010B/6010C/6020/6020A :70-130

FORM 2 (ICV/CCV Summary)

Date Analyzed: 03/24/15
 Data File: SW17587C2
 Prep Batch: 42349
 Analytical Method: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A
 Instrument: PEICPRAD2A
 Units: All units in ppm except Hg and icp-ms in ppb
 Project Number: 5031810

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICV/CCV SOURCE: VHG LABS

Analyte	ICV/CC V Amt	ICV V- 202964- 6	Rec	CCV V- 202964- 18	Rec	CCV V- 202964- 29	Rec	Rec	Rec	Rec	Rec	Rec
Potassium	100/50	48.51860	97	47.85060	96	47.69270	95					
Sodium	100/50	49.59390	99	48.36220	97	48.67130	97					

Notes: a-indicates analyte failed the ICV limits for 6010B/6010C, 6020/6020A
 b-indicates analyte failed the ICV limits for 200.7 or 200.8
 c-indicates analyte failed the CCV limits for 200.7/200.8/245.1/6010B/6010C (Except Hg 7470/7470A,7471A/7471B),6020/6020A
 d-indicates analyte failed the CCV limits Hg 7470A/7471A/7471B

Qc Limits: ICV - 200.7 : 95-105
 CCV- 200.7/200.8/6010B/6010C/245.1 : 90-110 (Except Hg 7470/7470A/ 7471A/7471B=80-120)
 ICV -6010B/6010C/6020/6020A/200.8 : 90-110

CLP ICP ICV/CCV: 90-110
 CLP Hg ICV/CCV: 80-120

FORM 2 (LLICV/LLCCV Summary)

Date Analyzed: 03/24/15
 Data File: SW17587C2
 Prep Batch: 42349
 Analytical Method: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A
 Instrument: PEICPRAD2A
 Units: All units in ppm except Hg and icp-ms in ppb
 Project Number: 5031810

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICV/CCV SOURCE: VHG LABS

Analyte	LLICV/ LLCCV Amt	LLICV [aq] V- 206357- 7	Rec	LLCCV [aq] V- 206357- 19	Rec	LLCCV [aq] V- 206357- 30	Rec	Rec	Rec	Rec	Rec	Rec	Rec
Potassium	5.0/5	5.07044	101	4.92189	98	4.88445	98						
Sodium	5.0/5	5.04570	101	5.00641	100	4.97245	99						

Notes: a-indicates analyte failed the LLICV limits for 6010B, 6010C, 6020, 6020A
 c-indicates analyte failed the LLCCV limits for 6010B, 6010C, 6020, 6020A

Qc Limits: LLCCV- 6010B/6010C/6020/6020A (70-130)
 LLICV -6010B/6010C/6020/6020A :70-130

FORM 2 (ICV/CCV Summary)

Date Analyzed: 03/24/15
 Data File: SW17586B2
 Prep Batch: 42348
 Analytical Method: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A
 Instrument: PEICPRAD2A
 Units: All units in ppm except Hg and icp-ms in ppb
 Project Number: 5031810

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICV/CCV SOURCE: VHG LABS

Analyte	ICV/CC V Amt	ICV V- 202964- 6	Rec	CCV V- 202964- 19	Rec	CCV V- 202964- 30	Rec	CCV V- 202964- 38	Rec	CCV V- 202964- 48	Rec	Rec	Rec	Rec	Rec
Potassium	100/50	49.50930	99	51.38980	103	48.84160	98	48.81970	98	48.89610	98				
Sodium	100/50	49.97840	100	50.34460	101	48.71150	97	49.02170	98	49.04720	98				

Notes: a-indicates analyte failed the ICV limits for 6010B/6010C, 6020/6020A
 b-indicates analyte failed the ICV limits for 200.7 or 200.8
 c-indicates analyte failed the CCV limits for 200.7/200.8/245.1/6010B/6010C (Except Hg 7470/7470A,7471A/7471B),6020/6020A
 d-indicates analyte failed the CCV limits Hg 7470A/7471A/7471B

Qc Limits: ICV - 200.7 : 95-105
 CCV- 200.7/200.8/6010B/6010C/245.1 : 90-110 (Except Hg 7470/7470A/ 7471A/7471B=80-120)
 ICV -6010B/6010C/6020/6020A/200.8 : 90-110

CLP ICP ICV/CCV: 90-110
 CLP Hg ICV/CCV: 80-120

FORM 2 (LLICV/LLCCV Summary)

Date Analyzed: 03/24/15
 Data File: SW17586B2
 Prep Batch: 42348
 Analytical Method: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A
 Instrument: PEICPRAD2A
 Units: All units in ppm except Hg and icp-ms in ppb
 Project Number: 5031810

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICV/CCV SOURCE: VHG LABS

Analyte	LLICV/ LLCCV Amt	LLICV [aq] V- 206357- 7	Rec	LLCCV [aq] V- 206357- 20	Rec	LLCCV [aq] V- 206357- 31	Rec	LLCCV [aq] V- 206357- 39	Rec	LLCCV [aq] V- 206357- 49	Rec	Rec	Rec	Rec
Potassium	5.0/5	5.02464	100	5.04290	101	4.97208	99	5.00017	100	4.97849	100			
Sodium	5.0/5	5.08520	102	5.11607	102	5.04465	101	4.99703	100	5.00250	100			

Notes: a-indicates analyte failed the LLICV limits for 6010B, 6010C, 6020, 6020A
 c-indicates analyte failed the LLCCV limits for 6010B, 6010C, 6020, 6020A

Qc Limits: LLCCV- 6010B/6010C/6020/6020A (70-130)
 LLICV -6010B/6010C/6020/6020A :70-130

FORM 2 (ICV/CCV Summary)

Date Analyzed: 03/24/15
 Data File: SW32315B
 Prep Batch: 42349
 Analytical Method: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A
 Instrument: MS2_7500SWA
 Units: All units in ppm except Hg and icp-ms in ppb
 Project Number: 5031810

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICV/CCV SOURCE: VHG LABS

Analyte	ICV/CC V Amt	ICV V- 206314- 8	Rec	CCV V- 206318- 13	Rec	CCV V- 206318- 26	Rec	CCV V- 206318- 39	Rec	CCV V- 206318- 50	Rec	Rec	Rec	Rec
Thallium	50/30	49.10000	98	50.74000	101	51.62000	103	51.99000	104	53.43000	107			

Notes: a-indicates analyte failed the ICV limits for 6010B/6010C, 6020/6020A
 b-indicates analyte failed the ICV limits for 200.7 or 200.8
 c-indicates analyte failed the CCV limits for 200.7/200.8/245.1/6010B/6010C (Except Hg 7470/7470A,7471A/7471B),6020/6020A
 d-indicates analyte failed the CCV limits Hg 7470A/7471A/7471B

Qc Limits: ICV - 200.7 : 95-105 CLP ICP ICV/CCV: 90-110
 CCV- 200.7/200.8/6010B/6010C/245.1 : 90-110 (Except Hg 7470/7470A/ 7471A/7471B=80-120) CLP Hg ICV/CCV: 80-120
 ICV -6010B/6010C/6020/6020A/200.8 : 90-110

FORM 2 (LLICV/LLCCV Summary)

Date Analyzed: 03/24/15
 Data File: SW32315B
 Prep Batch: 42349
 Analytical Method: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A
 Instrument: MS2_7500SWA
 Units: All units in ppm except Hg and icp-ms in ppb
 Project Number: 5031810

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICV/CCV SOURCE: VHG LABS

Analyte	LLICV/ LLCCV Amt	LLICV V- 206320- 9	Rec	LLCCV V- 206320- 14	Rec	LLCCV V- 206320- 27	Rec	LLCCV V- 206320- 40	Rec	LLCCV V- 206320- 51	Rec	Rec	Rec	Rec
Thallium	1/1	9.302E-01	93	8.967E-01	90	9.977E-01	100	9.296E-01	93	9.152E-01	92			

Notes: a-indicates analyte failed the LLICV limits for 6010B, 6010C, 6020, 6020A
 c-indicates analyte failed the LLCCV limits for 6010B, 6010C, 6020, 6020A

Qc Limits: LLCCV- 6010B/6010C/6020/6020A (70-130)
 LLICV -6010B/6010C/6020/6020A :70-130

FORM 2 (ICV/CCV Summary)

Date Analyzed: 03/25/15
 Data File: SW32515A
 Prep Batch: 42349
 Analytical Method: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A
 Instrument: MS2_7500SWA
 Units: All units in ppm except Hg and icp-ms in ppb
 Project Number: 5031810

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICV/CCV SOURCE: VHG LABS

Analyte	ICV/CC V Amt	ICV V- 206314- 8	Rec	CCV V- 206318- 13	Rec	CCV V- 206318- 24	Rec	Rec	Rec	Rec	Rec	Rec	Rec
Antimony	50/30	48.62000	97	50.83000	102	49.91000	100						
Arsenic	50/30	49.05000	98	48.95000	98	49.46000	99						
Beryllium	50/30	48.19000	96	49.96000	100	50.23000	100						
Cadmium	50/30	49.32000	99	50.61000	101	50.32000	101						
Cobalt	50/30	48.83000	98	50.72000	101	51.00000	102						
Lead	50/30	46.55000	93	48.68000	97	48.78000	98						
Selenium	50/30	50.42000	101	246.80000	99	246.90000	99						

Notes: a-indicates analyte failed the ICV limits for 6010B/6010C, 6020/6020A
 b-indicates analyte failed the ICV limits for 200.7 or 200.8
 c-indicates analyte failed the CCV limits for 200.7/200.8/245.1/6010B/6010C (Except Hg 7470A/7470A,7471A/7471B),6020/6020A
 d-indicates analyte failed the CCV limits Hg 7470A/7471A/7471B

Qc Limits: ICV - 200.7 : 95-105 CLP ICP ICV/CCV: 90-110
 CCV- 200.7/200.8/6010B/6010C/245.1 : 90-110 (Except Hg 7470/7470A/ 7471A/7471B=80-120) CLP Hg ICV/CCV: 80-120
 ICV -6010B/6010C/6020/6020A/200.8 : 90-110

FORM 2 (LLICV/LLCCV Summary)

Date Analyzed: 03/25/15
 Data File: SW32515A
 Prep Batch: 42349
 Analytical Method: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A
 Instrument: MS2_7500SWA
 Units: All units in ppm except Hg and icp-ms in ppb
 Project Number: 5031810

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICV/CCV SOURCE: VHG LABS

Analyte	LLICV/ LLCCV Amt	LLICV V- 206320- 9 Rec	LLCCV V- 206320- 14 Rec	LLCCV V- 206320- 25 Rec	Rec	Rec	Rec	Rec	Rec	Rec
Antimony	1.5/1.5	1.521	101	1.508	101	1.515	101			
Arsenic	1/1	1.046	105	1.024	102	1.010	101			
Beryllium	0.5/0.5	4.885E-01	98	5.037E-01	101	5.061E-01	101			
Cadmium	1/1	9.974E-01	100	1.034	103	1.032	103			
Cobalt	1/1	1.011	101	1.039	104	1.023	102			
Lead	1.5/1.5	1.411	94	1.435	96	1.429	95			
Selenium	5/5	5.479	110	5.336	107	5.040	101			

Notes: a-indicates analyte failed the LLICV limits for 6010B, 6010C, 6020, 6020A
 c-indicates analyte failed the LLCCV limits for 6010B, 6010C, 6020, 6020A

Qc Limits: LLCCV- 6010B/6010C/6020/6020A (70-130)
 LLICV -6010B/6010C/6020/6020A :70-130

FORM 2 (ICV/CCV Summary)

Date Analyzed: 03/25/15
 Data File: SW32415A
 Prep Batch: 42348
 Analytical Method: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A
 Instrument: MS2_7500SWA
 Units: All units in ppm except Hg and icp-ms in ppb
 Project Number: 5031810

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICV/CCV SOURCE: VHGB LABS

Analyte	ICV/CCV Amt	ICV V-206314-8	Rec	CCV V-206318-13	Rec	CCV V-206318-26	Rec	CCV V-206318-39	Rec	CCV V-206318-52	Rec	CCV V-206318-56	Rec	Rec	Rec
Antimony	50/30	49.23000	98	50.22000	100	50.49000	101	49.89000	100	49.95000	100	48.33000	97		
Arsenic	50/30	49.06000	98	50.59000	101	50.47000	101	50.15000	100	50.68000	101	48.35000	97		
Beryllium	50/30	49.04000	98	48.57000	97	52.53000	105	52.23000	104	52.47000	105	50.47000	101		
Cadmium	50/30	49.35000	99	50.21000	100	50.22000	100	49.98000	100	50.01000	100	48.16000	96		
Cobalt	50/30	48.39000	97	50.20000	100	51.02000	102	50.28000	101	51.29000	103	48.28000	97		
Lead	50/30	47.37000	95	48.57000	97	49.03000	98	48.99000	98	48.92000	98	47.29000	95		
Selenium	50/30	50.60000	101	250.90000	100	248.80000	100	245.90000	98	250.50000	100	238.50000	95		
Thallium	50/30	48.49000	97	50.27000	101	51.29000	103	51.45000	103	50.30000	101	49.37000	99		

Notes: a-indicates analyte failed the ICV limits for 6010B/6010C, 6020/6020A
 b-indicates analyte failed the ICV limits for 200.7 or 200.8
 c-indicates analyte failed the CCV limits for 200.7/200.8/245.1/6010B/6010C (Except Hg 7470/7470A,7471A/7471B),6020/6020A
 d-indicates analyte failed the CCV limits Hg 7470A/7471A/7471B

Qc Limits: ICV - 200.7 : 95-105
 CCV- 200.7/200.8/6010B/6010C/245.1 : 90-110 (Except Hg 7470/7470A/ 7471A/7471B=80-120)
 ICV -6010B/6010C/6020/6020A/200.8 : 90-110

CLP ICP ICV/CCV: 90-110
 CLP Hg ICV/CCV: 80-120

FORM 2 (LLICV/LLCCV Summary)

Date Analyzed: 03/25/15
 Data File: SW32415A
 Prep Batch: 42348
 Analytical Method: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A
 Instrument: MS2_7500SWA
 Units: All units in ppm except Hg and icp-ms in ppb
 Project Number: 5031810

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICV/CCV SOURCE: VH G LABS

Analyte	LLICV/ LLCCV Amt	LLICV V- 206320- 9	Rec	LLCCV V- 206320- 14	Rec	LLCCV V- 206320- 27	Rec	LLCCV V- 206320- 40	Rec	LLCCV V- 206320- 53	Rec	LLCCV V- 206320- 57	Rec	Rec	Rec
Antimony	1.5/1.5	1.559	104	1.487	99	1.568	105	1.509	101	1.510	101	1.504	100		
Arsenic	1/1	9.883E-01	99	9.998E-01	100	9.811E-01	98	1.044	104	1.010	101	1.027	103		
Beryllium	0.5/0.5	4.801E-01	96	4.880E-01	98	5.237E-01	105	4.829E-01	97	4.929E-01	99	4.564E-01	91		
Cadmium	1/1	9.527E-01	95	9.638E-01	96	9.468E-01	95	9.419E-01	94	9.360E-01	94	9.458E-01	95		
Cobalt	1/1	1.016	102	1.023	102	1.006	101	9.906E-01	99	9.983E-01	100	1.010	101		
Lead	1.5/1.5	1.421	95	1.428	95	1.396	93	1.438	96	1.428	95	1.412	94		
Selenium	5/5	5.084	102	5.114	102	5.453	109	5.206	104	5.048	101	5.375	108		
Thallium	1/1	9.559E-01	96	9.320E-01	93	9.971E-01	100	9.319E-01	93	9.171E-01	92	9.225E-01	92		

Notes: a-indicates analyte failed the LLICV limits for 6010B, 6010C, 6020, 6020A
 c-indicates analyte failed the LLCCV limits for 6010B, 6010C, 6020, 6020A

Qc Limits: LLCCV- 6010B/6010C/6020/6020A (70-130)
 LLICV -6010B/6010C/6020/6020A :70-130

FORM 2 (ICV/CCV Summary)

Date Analyzed: 03/27/15
 Data File: SW32715A
 Prep Batch: 42349
 Analytical Method: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A
 Instrument: MS2_7500SWA
 Units: All units in ppm except Hg and icp-ms in ppb
 Project Number: 5031810

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICV/CCV SOURCE: VHG LABS

Analyte	ICV/CC V Amt	ICV V- 206943- 8	Rec	CCV V- 206947- 13	Rec	CCV V- 206947- 26	Rec	CCV V- 206947- 39	Rec	CCV V- 206947- 43	Rec	Rec	Rec	Rec
Antimony	50/30	48.07000	96	51.82000	104	51.28000	103	50.35000	101	50.06000	100			
Arsenic	50/30	48.55000	97	50.19000	100	50.03000	100	49.55000	99	49.22000	98			
Beryllium	50/30	47.20000	94	50.71000	101	51.25000	102	50.49000	101	49.78000	100			
Cadmium	50/30	48.31000	97	51.42000	103	51.54000	103	49.99000	100	49.99000	100			
Cobalt	50/30	47.18000	94	51.13000	102	50.58000	101	49.61000	99	49.55000	99			
Lead	50/30	45.98000	92	50.44000	101	50.08000	100	48.43000	97	48.28000	97			
Selenium	50/30	49.70000	99	250.50000	100	255.50000	102	253.20000	101	247.40000	99			

Notes: a-indicates analyte failed the ICV limits for 6010B/6010C, 6020/6020A
 b-indicates analyte failed the ICV limits for 200.7 or 200.8
 c-indicates analyte failed the CCV limits for 200.7/200.8/245.1/6010B/6010C (Except Hg 7470/7470A,7471A/7471B),6020/6020A
 d-indicates analyte failed the CCV limits Hg 7470A/7471A/7471B

Qc Limits: ICV - 200.7 : 95-105
 CCV- 200.7/200.8/6010B/6010C/245.1 : 90-110 (Except Hg 7470/7470A/ 7471A/7471B=80-120)
 ICV -6010B/6010C/6020/6020A/200.8 : 90-110
 CLP ICP ICV/CCV: 90-110
 CLP Hg ICV/CCV: 80-120

FORM 2 (LLICV/LLCCV Summary)

Date Analyzed: 03/27/15
 Data File: SW32715A
 Prep Batch: 42349
 Analytical Method: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A
 Instrument: MS2_7500SWA
 Units: All units in ppm except Hg and icp-ms in ppb
 Project Number: 5031810

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICV/CCV SOURCE: VHG LABS

Analyte	LLICV/ LLCCV Amt	LLICV V- 206949- 9	Rec	LLCCV V- 206949- 14	Rec	LLCCV V- 206949- 27	Rec	LLCCV V- 206949- 40	Rec	LLCCV V- 206949- 44	Rec	Rec	Rec	Rec	Rec
Antimony	1.5/1.5	1.481	99	1.500	100	1.498	100	1.468	98	1.477	98				
Arsenic	1/1	9.937E-01	99	9.522E-01	95	9.803E-01	98	9.725E-01	97	9.779E-01	98				
Beryllium	0.5/0.5	4.772E-01	95	4.933E-01	99	4.836E-01	97	4.542E-01	91	4.564E-01	91				
Cadmium	1/1	1.007	101	1.004	100	9.636E-01	96	9.868E-01	99	9.499E-01	95				
Cobalt	1/1	9.671E-01	97	1.019	102	9.799E-01	98	9.526E-01	95	9.530E-01	95				
Lead	1.5/1.5	1.408	94	1.429	95	1.430	95	1.390	93	1.355	90				
Selenium	5/5	5.107	102	5.027	101	5.219	104	5.403	108	4.429	89				

Notes: a-indicates analyte failed the LLICV limits for 6010B, 6010C, 6020, 6020A
 c-indicates analyte failed the LLCCV limits for 6010B, 6010C, 6020, 6020A

Qc Limits: LLCCV- 6010B/6010C/6020/6020A (70-130)
 LLICV -6010B/6010C/6020/6020A :70-130

FORM 2 (ICV/CCV Summary)

Date Analyzed: 03/20/15
 Data File: H17586SWB
 Prep Batch: 42348
 Analytical Method: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A
 Instrument: HGCV1A
 Units: All units in ppm except Hg and icp-ms in ppb
 Project Number: 5031810

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICV/CCV SOURCE: VHG LABS

Analyte	ICV (2)-9		CCV-21		CCV-33		CCV-37									
	ICV/CC V Amt	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec
Mercury	20/10	20.07498	100	10.29513	103	10.25115	103	10.29314	103							

Notes: a-indicates analyte failed the ICV limits for 6010B/6010C, 6020/6020A
 b-indicates analyte failed the ICV limits for 200.7 or 200.8
 c-indicates analyte failed the CCV limits for 200.7/200.8/245.1/6010B/6010C (Except Hg 7470/7470A,7471A/7471B),6020/6020A
 d-indicates analyte failed the CCV limits Hg 7470A/7471A/7471B

Qc Limits: ICV - 200.7 : 95-105 CLP ICP ICV/CCV: 90-110
 CCV- 200.7/200.8/6010B/6010C/245.1 : 90-110 (Except Hg 7470/7470A/ 7471A/7471B=80-120) CLP Hg ICV/CCV: 80-120
 ICV -6010B/6010C/6020/6020A/200.8 : 90-110

FORM 2 (ICV/CCV Summary)

Date Analyzed: 03/23/15
 Data File: H17587SWB
 Prep Batch: 42349
 Analytical Method: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A
 Instrument: HGCV1A
 Units: All units in ppm except Hg and icp-ms in ppb
 Project Number: 5031810

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICV/CCV SOURCE: VHG LABS

Analyte	ICV (2)-9		CCV-21		CCV-33		CCV-38									
	ICV/CC V Amt	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec	Rec
Mercury	20/10	18.31353	92	9.54624	95	9.59941	96	9.54527	95							

Notes: a-indicates analyte failed the ICV limits for 6010B/6010C, 6020/6020A
 b-indicates analyte failed the ICV limits for 200.7 or 200.8
 c-indicates analyte failed the CCV limits for 200.7/200.8/245.1/6010B/6010C (Except Hg 7470/7470A,7471A/7471B),6020/6020A
 d-indicates analyte failed the CCV limits Hg 7470A/7471A/7471B

Qc Limits: ICV - 200.7 : 95-105 CLP ICP ICV/CCV: 90-110
 CCV- 200.7/200.8/6010B/6010C/245.1 : 90-110 (Except Hg 7470/7470A/ 7471A/7471B=80-120) CLP Hg ICV/CCV: 80-120
 ICV -6010B/6010C/6020/6020A/200.8 : 90-110

FORM 3 **(ICB/CCB/MB Summary)**

Date Analyzed: 03/23/15

Data File: SW17587A2

Prep Batch: 42349

Reporting Limits Used: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A

Instrument: PEICP2A

Units: All units in ppm except Hg and icp-ms in ppb

Project Number: 5031810

Lab Name: Veritech

Lab Code:

Contract:

Nras No:

Sdg No:

Case No:

Analyte	ICB V-205362- 9	CCB-22	CCB-33	CCB-43	CCB-53	MB 42349 (1)- 12
Aluminum	.2 U	.2 U	.2 U	.2 U	.2 U	.2 U
Barium	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U
Beryllium	.012 U	.012 U	.012 U	.012 U	.012 U	.012 U
Calcium	5 U	5 U	5 U	5 U	5 U	5 U
Chromium	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U
Copper	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U
Iron	.3 U	.3 U	.3 U	.3 U	.3 U	.3 U
Magnesium	5 U	5 U	5 U	5 U	5 U	5 U
Manganese	.04 U	.04 U	.04 U	.04 U	.04 U	.04 U
Nickel	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U
Silver	.02 U	.02 U	.02 U	.02 U	.02 U	.02 U
Vanadium	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U
Zinc	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 03/23/15

Data File: SW17587B2

Prep Batch: 42349

Reporting Limits Used: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A

Instrument: PEICPRAD2A

Units: All units in ppm except Hg and icp-ms in ppb

Project Number: 5031810

Lab Name: Veritech

Lab Code:

Contract:

Nras No:

Sdg No:

Case No:

Analyte	ICB V-205362- 8	CCB-21	CCB-30	CCB-40	CCB-51	MB 42349 (1)- 11
Potassium	5 U	5 U	5 U	5 U	5 U	5 U
Sodium	5 U	5 U	5 U	5 U	5 U	5 U

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

FORM 3 (ICB/CCB/MB Summary)

Date Analyzed: 03/24/15

Data File: SW17586A2

Prep Batch: 42348

Reporting Limits Used: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A

Instrument: PEICP2A

Units: All units in ppm except Hg and icp-ms in ppb

Project Number: 5031810

Lab Name: Veritech

Lab Code:

Contract:

Nras No:

Sdg No:

Case No:

Analyte	ICB V-205362- 9	CCB-22	CCB-33	CCB-41	CCB-51	MB 42348 (1)- 12
Aluminum	.2 U	.2 U	.2 U	.2 U	.2 U	.2 U
Barium	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U
Calcium	5 U	5 U	5 U	5 U	5 U	5 U
Chromium	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U
Copper	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U
Iron	.3 U	.3 U	.3 U	.3 U	.3 U	.3 U
Magnesium	5 U	5 U	5 U	5 U	5 U	5 U
Manganese	.04 U	.04 U	.04 U	.04 U	.04 U	.04 U
Nickel	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U
Silver	.02 U	.02 U	.02 U	.02 U	.02 U	.02 U
Vanadium	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U
Zinc	.05 U	.05 U	.05 U	.05 U	.05 U	.05 U

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

FORM 3

(ICB/CCB/MB Summary)

Date Analyzed: 03/24/15

Data File: SW17587C2

Prep Batch: 42349

Reporting Limits Used: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A

Instrument: PEICPRAD2A

Units: All units in ppm except Hg and icp-ms in ppb

Project Number: 5031810

Lab Name: Veritech

Lab Code:

Contract:

Nras No:

Sdg No:

Case No:

Analyte	ICB V-205362- 8	CCB-20	CCB-31
Potassium	5 U	5 U	5 U
Sodium	5 U	5 U	5 U

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 03/24/15

Data File: SW17586B2

Prep Batch: 42348

Reporting Limits Used: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A

Instrument: PEICPRAD2A

Units: All units in ppm except Hg and icp-ms in ppb

Project Number: 5031810

Lab Name: Veritech

Lab Code:

Contract:

Nras No:

Sdg No:

Case No:

Analyte	ICB V-205362- 8	CCB-21	CCB-32	CCB-40	CCB-50	MB 42348 (1)- 11		
Potassium	5 U	5 U	5 U	5 U	5 U	5 U		
Sodium	5 U	5 U	5 U	5 U	5 U	5 U		

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 03/24/15

Data File: SW32315B

Prep Batch: 42349

Reporting Limits Used: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A

Instrument: MS2_7500SWA

Units: All units in ppm except Hg and icp-ms in ppb

Project Number: 5031810

Lab Name: Veritech

Lab Code:

Contract:

Nras No:

Sdg No:

Case No:

Analyte	ICB V-206315- 10	CCB V-206315- 15	CCB V-206315- 28	CCB V-206315- 41	CCB V-206315- 52	MB 42349-16
Thallium	1 U	1 U	1 U	1 U	1 U	2 U

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 03/25/15

Data File: SW32515A

Prep Batch: 42349

Reporting Limits Used: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A

Instrument: MS2_7500SWA

Units: All units in ppm except Hg and icp-ms in ppb

Project Number: 5031810

Lab Name: Veritech

Lab Code:

Contract:

Nras No:

Sdg No:

Case No:

Analyte	ICB V-206315- 10	CCB V-206315- 15	CCB V-206315- 26
Antimony	1.5 U	1.5 U	1.5 U
Arsenic	1 U	1 U	1 U
Beryllium	.5 U	.5 U	.5 U
Cadmium	1 U	1 U	1 U
Cobalt	1 U	1 U	1 U
Lead	1.5 U	1.5 U	1.5 U
Selenium	5 U	5 U	5 U

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

FORM 3

(ICB/CCB/MB Summary)

Date Analyzed: 03/25/15

Data File: SW32415A

Prep Batch: 42348

Reporting Limits Used: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A

Instrument: MS2_7500SWA

Units: All units in ppm except Hg and icp-ms in ppb

Project Number: 5031810

Lab Name: Veritech

Lab Code:

Contract:

Nras No:

Sdg No:

Case No:

Analyte	ICB V-206315- 10	CCB V-206315- 15	CCB V-206315- 28	CCB V-206315- 41	CCB V-206315- 54	CCB V-206315- 58	MB 42348-16
Antimony	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	3U
Arsenic	1 U	1 U	1 U	1 U	1 U	1 U	2 U
Beryllium	.5 U	.5 U	.5 U	.5 U	.5 U	.5 U	1 U
Cadmium	1 U	1 U	1 U	1 U	1 U	1 U	2 U
Cobalt	1 U	1 U	1 U	1 U	1 U	1 U	2 U
Lead	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	3U
Selenium	5 U	5 U	5 U	5 U	5 U	5 U	10 U
Thallium	1 U	1 U	1 U	1 U	1 U	1 U	2 U

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

FORM 3 (ICB/CCB/MB Summary)

Date Analyzed: 03/27/15

Data File: SW32715A

Prep Batch: 42349

Reporting Limits Used: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A

Instrument: MS2_7500SWA

Units: All units in ppm except Hg and icp-ms in ppb

Project Number: 5031810

Lab Name: Veritech

Lab Code:

Contract:

Nras No:

Sdg No:

Case No:

Analyte	ICB V-206944-10	CCB V-206944-15	CCB V-206944-28	CCB V-206944-41	CCB V-206944-45	MB 42349-16
Antimony	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	3U
Arsenic	1 U	1 U	1 U	1 U	1 U	2U
Beryllium	.5 U	.5 U	.5 U	.5 U	.5 U	1U
Cadmium	1 U	1 U	1 U	1 U	1 U	2U
Cobalt	1 U	1 U	1 U	1 U	1 U	2U
Lead	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	3U
Selenium	5 U	5 U	5 U	5 U	5 U	10U

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 03/20/15

Data File: H17586SWB

Prep Batch: 42348

Reporting Limits Used: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A

Instrument: HGCV1A

Units: All units in ppm except Hg and icp-ms in ppb

Project Number: 5031810

Lab Name: Veritech

Lab Code:

Contract:

Nras No:

Sdg No:

Case No:

Analyte	ICB-10	CCB-22	CCB-34	CCB-38	MB 42348 (1)- 11
Mercury	.7 U	.7 U	.7 U	.7 U	.7 U

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 03/23/15

Data File: H17587SWB

Prep Batch: 42349

Reporting Limits Used: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A

Instrument: HGCV1A

Units: All units in ppm except Hg and icp-ms in ppb

Project Number: 5031810

Lab Name: Veritech

Lab Code:

Contract:

Nras No:

Sdg No:

Case No:

Analyte	ICB-10	CCB-22	CCB-34	CCB-39	MB 42349 (1)- 11
Mercury	.7 U	.7 U	.7 U	.7 U	.7 U

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

FORM 4 **(ICSA/ICSAB Summary)**

Date Analyzed: 03/23/15
 Data File: SW17587A2
 Prep Batch: 42349
 Reporting Limits Used: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A
 Instrument: PEICP2A
 Units: All units in ppm except Hg and icp-ms in ppb
 Project Number: 5031810

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICSA/ICSAB: SOURCE: VHGLABS

Analyte	Spk Amt	ICSA V- 202074-10	Rec	ICSAB V- 202076-11	Rec	ICSA V- 202074-29	Rec	ICSAB V- 202076-30	Rec	ICSA V- 202074-49	Rec	ICSAB V- 202076-50	Rec	Rec	Rec
Aluminum	500	508.202	102	513.31000	103	516.245	103	518.35300	104	507.487	101	505.85400	101		
Barium	.5	U		0.52216	104	U		0.52762	106	U		0.51520	103		
Beryllium	.5	U		0.49778	100	U		0.50403	101	U		0.49422	99		
Calcium	500	480.198	96	482.52200	97	483.917	97	488.56300	98	480.068	96	474.09400	95		
Chromium	.5	U		0.49431	99	U		0.49904	100	U		0.48604	97		
Copper	.5	U		0.53920	108	U		0.54369	109	U		0.53536	107		
Iron	200	190.898	95	192.03700	96	191.842	96	194.13400	97	190.037	95	189.98000	95		
Magnesium	500	490.282	98	491.62700	98	497.615	100	504.93200	101	496.51	99	493.62500	99		
Manganese	.5	U		0.49465	99	U		0.49953	100	U		0.48804	98		
Nickel	1	U		0.91720	92	U		0.92828	93	U		0.90385	90		
Silver	1	U		1.07705	108	U		1.08723	109	U		1.06251	106		
Vanadium	.5	U		0.48035	96	U		0.48477	97	U		0.47455	95		
Zinc	1	U		0.95822	96	U		0.97059	97	U		0.94755	95		

Notes: a-indicates absolute value of the concentration > 2 * Reporting Limits In the ICSA
 b-indicates absolute value of the concentration above Reporting Limits but < 2 * Reporting Limits in the ICSA
 c-indicates the recovery failed the Qc Criteria in the ICSAB
 u-indicates the absolute value of the concentration was below the reporting limit

FORM 4

(ICSA/ICSAB Summary)

Date Analyzed: 03/23/15
 Data File: SW17587B2
 Prep Batch: 42349
 Reporting Limits Used: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A
 Instrument: PEICPRAD2A
 Units: All units in ppm except Hg and icp-ms in ppb
 Project Number: 5031810

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICSA/ICSAB: SOURCE: VHG LABS

Analyte	Spk Amt	ICSA V- 202074-9		ICSAB V- 202076-10		ICSA V- 202074-26		ICSAB V- 202076-27		Rec	Rec	Rec	Rec
			Rec		Rec		Rec		Rec				
Aluminum	500	517.243	103	525.80400	105	520.306	104	521.98500	104				
Calcium	500	493.057	99	502.02800	100	492.421	98	494.28800	99				
Iron	200	194.317	97	198.37000	99	194.304	97	195.35300	98				
Magnesium	500	503.576	101	513.43700	103	501.537	100	503.48500	101				

Notes: a-indicates absolute value of the concentration > 2 * Reporting Limits In the ICSA
 b-indicates absolute value of the concentration above Reporting Limits but < 2 * Reporting Limits in the ICSA
 c-indicates the recovery failed the Qc Criteria in the ICSAB
 u-indicates the absolute value of the concentration was below the reporting limit

FORM 4 **(ICSA/ICSAB Summary)**

Date Analyzed: 03/24/15
 Data File: SW17586A2
 Prep Batch: 42348
 Reporting Limits Used: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A
 Instrument: PEICP2A
 Units: All units in ppm except Hg and icp-ms in ppb
 Project Number: 5031810

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICSA/ICSAB: SOURCE: VHG LABS

Analyte	Spk Amt	ICSA V- 202074-10		ICSAB V- 202076-11		ICSA V- 202074-29		ICSAB V- 202076-30		ICSA V- 202074-47		ICSAB V- 202076-48		Rec	Rec
			Rec		Rec		Rec		Rec		Rec		Rec		
Aluminum	500	514.981	103	515.88800	103	512.794	103	519.08100	104	519.492	104	520.18100	104		
Barium	.5	U		0.52537	105	U		0.52949	106	U		0.52712	105		
Calcium	500	492.169	98	490.94400	98	484.739	97	491.32000	98	488.131	98	487.82100	98		
Chromium	.5	U		0.49749	99	U		0.50206	100	U		0.49904	100		
Copper	.5	U		0.54018	108	U		0.54938	110	U		0.54986	110		
Iron	200	192.814	96	194.02600	97	191.942	96	195.01900	98	193.105	97	193.53400	97		
Magnesium	500	500.746	100	498.80500	100	490.65	98	497.71600	100	499.022	100	492.45100	98		
Manganese	.5	U		0.49856	100	U		0.50231	100	U		0.50027	100		
Nickel	1	U		0.92556	93	U		0.93174	93	U		0.92280	92		
Silver	1	U		1.08444	108	U		1.09996	110	U		1.09751	110		
Vanadium	.5	U		0.47344	95	U		0.48123	96	U		0.48483	97		
Zinc	1	U		0.96496	96	U		0.96044	96	U		0.94594	95		

Notes: a-indicates absolute value of the concentration > 2 * Reporting Limits In the ICSA
 b-indicates absolute value of the concentration above Reporting Limits but < 2 * Reporting Limits in the ICSA
 c-indicates the recovery failed the Qc Criteria in the ICSAB
 u-indicates the absolute value of the concentration was below the reporting limit

FORM 4

(ICSA/ICSAB Summary)

Date Analyzed: 03/24/15
 Data File: SW17587C2
 Prep Batch: 42349
 Reporting Limits Used: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A
 Instrument: PEICPRAD2A
 Units: All units in ppm except Hg and icp-ms in ppb
 Project Number: 5031810

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICSA/ICSAB: SOURCE: VHG LABS

Analyte	Spk Amt	ICSA V- 202074-9		ICSAB V- 202076-10		ICSA V- 202074-27		ICSAB V- 202076-28		Rec	Rec	Rec	Rec
			Rec		Rec		Rec		Rec				
Aluminum	500	524.058	105	530.48500	106	520.784	104	535.61000	107				
Calcium	500	492.317	98	500.76800	100	491.602	98	507.86500	102				
Iron	200	194.466	97	198.13000	99	194.023	97	200.80300	100				
Magnesium	500	496.323	99	506.49200	101	496.352	99	514.16600	103				

Notes: a-indicates absolute value of the concentration > 2 * Reporting Limits In the ICSA
 b-indicates absolute value of the concentration above Reporting Limits but < 2 * Reporting Limits in the ICSA
 c-indicates the recovery failed the Qc Criteria in the ICSAB
 u-indicates the absolute value of the concentration was below the reporting limit

FORM 4 (ICSA/ICSAB Summary)

Date Analyzed: 03/24/15
 Data File: SW17586B2
 Prep Batch: 42348
 Reporting Limits Used: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A
 Instrument: PEICPRAD2A
 Units: All units in ppm except Hg and icp-ms in ppb
 Project Number: 5031810

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICSA/ICSAB: SOURCE: VHG LABS

Analyte	Spk Amt	ICSA V- 202074-9		ICSAB V- 202076-10		ICSA V- 202074-28		ICSAB V- 202076-29		ICSA V- 202074-46		ICSAB V- 202076-47		Rec	Rec
			Rec		Rec		Rec		Rec		Rec		Rec		
Aluminum	500	516.079	103	522.45200	104	510.744	102	513.73100	103	516.048	103	514.03900	103		
Calcium	500	531.53	106	520.08500	104	499.502	100	502.16300	100	505.367	101	502.55800	101		
Iron	200	205.876	103	201.73900	101	193.214	97	194.48000	97	195.377	98	194.67300	97		
Magnesium	500	556.55	111	533.23400	107	506.306	101	509.13500	102	511.965	102	509.42000	102		

Notes: a-indicates absolute value of the concentration > 2 * Reporting Limits In the ICSA
 b-indicates absolute value of the concentration above Reporting Limits but < 2 * Reporting Limits in the ICSA
 c-indicates the recovery failed the Qc Criteria in the ICSAB
 u-indicates the absolute value of the concentration was below the reporting limit

FORM 4

(ICSA/ICSAB Summary)

Date Analyzed: 03/24/15
 Data File: SW32315B
 Prep Batch: 42349
 Reporting Limits Used: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A
 Instrument: MS2_7500SWA
 Units: All units in ppm except Hg and icp-ms in ppb
 Project Number: 5031810

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICSA/ICSAB: SOURCE: VH G LABS

Analyte	Spk Amt	ICSA V- 206316-11		ICSAB V- 206317-12		Rec	Rec	Rec	Rec	Rec	Rec
			Rec		Rec						
Aluminum	50000	46600	93	46390.00000	93						
Calcium	150000	153900	103	53500.00000	102						
Iron	125000	118300	95	18000.00000	94						
Magnesium	50000	47740	95	47330.00000	95						

Notes: a-indicates absolute value of the concentration > 2 * Reporting Limits In the ICSA
 b-indicates absolute value of the concentration above Reporting Limits but < 2 * Reporting Limits in the ICSA
 c-indicates the recovery failed the Qc Criteria in the ICSAB
 u-indicates the absolute value of the concentration was below the reporting limit

FORM 4

(ICSA/ICSAB Summary)

Date Analyzed: 03/25/15
 Data File: SW32515A
 Prep Batch: 42349
 Reporting Limits Used: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A
 Instrument: MS2_7500SWA
 Units: All units in ppm except Hg and icp-ms in ppb
 Project Number: 5031810

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICSA/ICSAB: SOURCE: VHG LABS

Analyte	Spk Amt	ICSA V- 206316-11	Rec	ICSAB V- 206317-12	Rec	Rec	Rec	Rec	Rec	Rec
Aluminum	50000	45600	91	45320.00000	91					
Arsenic	100	U		96.58000	97					
Cadmium	100	1.356b		92.56000	93					
Calcium	150000	152100	101	53100.00000	102					
Cobalt	200	U		186.10000	93					
Iron	125000	117400	94	17700.00000	94					
Magnesium	50000	47110	94	46750.00000	94					
Selenium	100	U		90.61000	91					

Notes: a-indicates absolute value of the concentration > 2 * Reporting Limits In the ICSA
 b-indicates absolute value of the concentration above Reporting Limits but < 2 * Reporting Limits in the ICSA
 c-indicates the recovery failed the Qc Criteria in the ICSAB
 u-indicates the absolute value of the concentration was below the reporting limit

FORM 4

(ICSA/ICSAB Summary)

Date Analyzed: 03/25/15
 Data File: SW32415A
 Prep Batch: 42348
 Reporting Limits Used: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A
 Instrument: MS2_7500SWA
 Units: All units in ppm except Hg and icp-ms in ppb
 Project Number: 5031810

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICSA/ICSAB: SOURCE: VHG LABS

Analyte	Spk Amt	ICSA V- 206316-11	Rec	ICSA V- 206317-12	Rec	Rec	Rec	Rec	Rec	Rec
Aluminum	50000	45590	91	46170.00000	92					
Arsenic	100	U		98.25000	98					
Cadmium	100	1.448b		92.70000	93					
Calcium	150000	150600	100	51800.00000	101					
Cobalt	200	U		185.30000	93					
Iron	125000	116800	93	18200.00000	95					
Magnesium	50000	46800	94	47670.00000	95					
Selenium	100	U		90.27000	90					

Notes: a-indicates absolute value of the concentration > 2 * Reporting Limits In the ICSA
 b-indicates absolute value of the concentration above Reporting Limits but < 2 * Reporting Limits in the ICSA
 c-indicates the recovery failed the Qc Criteria in the ICSAB
 u-indicates the absolute value of the concentration was below the reporting limit

FORM 4 **(ICSA/ICSAB Summary)**

Date Analyzed: 03/27/15
 Data File: SW32715A
 Prep Batch: 42349
 Reporting Limits Used: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A
 Instrument: MS2_7500SWA
 Units: All units in ppm except Hg and icp-ms in ppb
 Project Number: 5031810

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:
 ICSA/ICSAB: SOURCE: VHG LABS

Analyte	Spk Amt	ICSA V- 206945-11	Rec	ICSA V- 206946-12	Rec	Rec	Rec	Rec	Rec	Rec
Aluminum	50000	47880	96	47600.00000	95					
Arsenic	100	U		97.96000	98					
Cadmium	100	1.221b		93.02000	93					
Calcium	150000	151000	101	52200.00000	101					
Cobalt	200	U		183.90000	92					
Iron	125000	117300	94	17400.00000	94					
Magnesium	50000	46600	93	46370.00000	93					
Selenium	100	U		92.65000	93					

Notes: a-indicates absolute value of the concentration > 2 * Reporting Limits In the ICSA
 b-indicates absolute value of the concentration above Reporting Limits but < 2 * Reporting Limits in the ICSA
 c-indicates the recovery failed the Qc Criteria in the ICSAB
 u-indicates the absolute value of the concentration was below the reporting limit

FORM5/FORM7
SPIKE RECOVERY DATA
 PREP BATCH: 42348

5031810 0239

Instrument Type: ICP/HG

Analytical Method(s):6010/200.7/7470A/7471A/245.1

ICP units in ppm, ICPMS and Hg in ppb

TxtQcType: LCS		Matrix: AQUEOUS			SampleID: LCSW 42348					
Analyte	BatchId	DF	Data Fil	Seq#:	Spk Conc:	Spk Adde	Recov	Qual	Lo Lim	Hi Lim
Aluminum	42348	1	SW17586	13	4.5267	5.000	91		80	120
Barium	42348	1	SW17586	13	0.4533	0.500	91		80	120
Calcium	42348	1	SW17586	13	45.9178	50.00	92		80	120
Chromium	42348	1	SW17586	13	0.4535	0.500	91		80	120
Copper	42348	1	SW17586	13	0.4564	0.500	91		80	120
Iron	42348	1	SW17586	13	4.5576	5.000	91		80	120
Magnesium	42348	1	SW17586	13	45.8075	50.00	92		80	120
Manganese	42348	1	SW17586	13	0.4520	0.500	90		80	120
Mercury	42348	1	H17586S	12	10.0184	10	100		80	120
Nickel	42348	1	SW17586	13	0.4567	0.500	91		80	120
Potassium	42348	1	SW17586	12	45.1708	50	90		80	120
Silver	42348	1	SW17586	13	0.0853	0.100	85		80	120
Sodium	42348	1	SW17586	12	45.3039	50	91		80	120
Vanadium	42348	1	SW17586	13	0.4468	0.500	89		80	120
Zinc	42348	1	SW17586	13	0.4583	0.500	92		80	120

TxtQcType: LCSMR		Matrix: AQUEOUS			SampleID: LCSW MR 42348					
Analyte	BatchId	DF	Data Fil	Seq#:	Spk Conc:	Spk Adde	Recov	Qual	Lo Lim	Hi Lim
Aluminum	42348	1	SW17586	14	4.6667	5.000	93		80	120
Barium	42348	1	SW17586	14	0.4667	0.500	93		80	120
Calcium	42348	1	SW17586	14	47.1301	50.00	94		80	120
Chromium	42348	1	SW17586	14	0.4698	0.500	94		80	120
Copper	42348	1	SW17586	14	0.4705	0.500	94		80	120
Iron	42348	1	SW17586	14	4.7073	5.000	94		80	120
Magnesium	42348	1	SW17586	14	46.9471	50.00	94		80	120
Manganese	42348	1	SW17586	14	0.4663	0.500	93		80	120
Mercury	42348	1	H17586S	13	10.1297	10	101		80	120
Nickel	42348	1	SW17586	14	0.4708	0.500	94		80	120
Potassium	42348	1	SW17586	13	48.3141	50	97		80	120
Silver	42348	1	SW17586	14	0.0878	0.100	88		80	120
Sodium	42348	1	SW17586	13	47.3536	50	95		80	120
Vanadium	42348	1	SW17586	14	0.4606	0.500	92		80	120
Zinc	42348	1	SW17586	14	0.4717	0.500	94		80	120

TxtQcType: MS		Matrix: AQUEOUS			SampleID: AC83807-033								
Analyte	BatchId	DF	Data Fil	Seq#:	NS Data Fil	Seq#	Spk Conc:	NS Conc:	Spk Adde	Recov	Qual	Lo Lim	Hi Lim
Aluminum	42348	1	SW17586	17	SW17586	15	4.5761	0.2U	5.00	92		75	125
Barium	42348	1	SW17586	17	SW17586	15	0.4852	0.05U	0.50	97		75	125
Calcium	42348	1	SW17586	17	SW17586	15	55.9287	9.9460	50.0	92		75	125
Chromium	42348	1	SW17586	17	SW17586	15	0.4551	0.05U	0.50	91		75	125
Copper	42348	1	SW17586	17	SW17586	15	0.4625	0.05U	0.50	93		75	125
Iron	42348	1	SW17586	17	SW17586	15	6.0963	1.5312	5.00	91		75	125
Magnesium	42348	1	SW17586	17	SW17586	15	49.4707	5U	50.0	99		75	125
Manganese	42348	1	SW17586	17	SW17586	15	0.5449	0.0943	0.50	90		75	125
Mercury	42348	1	H17586S	16	H17586S	14	9.2561	.70U	10	93		75	125
Nickel	42348	1	SW17586	17	SW17586	15	0.4569	0.05U	0.50	91		75	125
Potassium	42348	1	SW17586	16	SW17586	14	48.6099	5U	50.00	97		75	125
Silver	42348	1	SW17586	17	SW17586	15	0.0861	0.02U	.100	86		75	125
Sodium	42348	1	SW17586	16	SW17586	14	78.2538	31.6467	50.00	93		75	125
Vanadium	42348	1	SW17586	17	SW17586	15	0.4510	0.05U	0.50	90		75	125
Zinc	42348	1	SW17586	17	SW17586	15	0.4800	0.05U	0.50	96		75	125

a-Indicates Recovery Failed the criteria

b-Indicates Recovery Failed the criteria but non spike concentration >4*spike amount

FORM5/FORM7
SPIKE RECOVERY DATA
 PREP BATCH: 42348

5031810 0240

Instrument Type: ICP/HG

Analytical Method(s):6010/200.7/7470A/7471A/245.1

ICP units in ppm, ICPMS and Hg in ppb

TxtQcType: MSD			Matrix: AQUEOUS			SampleID: AC83807-034							
Analyte	BatchId	DF	Data Fil	Seq#:	NS Data Fil	Seq#	Spk Conc:	NS Conc:	Spk Adde	Recov	Qual	Lo Lim	Hi Lim
Aluminum	42348	1	SW17586	18	SW17586	15	4.5889	0.2U	5.00	92		75	125
Barium	42348	1	SW17586	18	SW17586	15	0.4874	0.05U	0.50	97		75	125
Calcium	42348	1	SW17586	18	SW17586	15	56.9074	9.9460	50.0	94		75	125
Chromium	42348	1	SW17586	18	SW17586	15	0.4587	0.05U	0.50	92		75	125
Copper	42348	1	SW17586	18	SW17586	15	0.4635	0.05U	0.50	93		75	125
Iron	42348	1	SW17586	18	SW17586	15	5.9533	1.5312	5.00	88		75	125
Magnesium	42348	1	SW17586	18	SW17586	15	50.3683	5U	50.0	101		75	125
Manganese	42348	1	SW17586	18	SW17586	15	0.5233	0.0943	0.50	86		75	125
Mercury	42348	1	H17586S	17	H17586S	14	10.2408	.70U	10	102		75	125
Nickel	42348	1	SW17586	18	SW17586	15	0.4606	0.05U	0.50	92		75	125
Potassium	42348	1	SW17586	17	SW17586	14	48.6077	5U	50.0	97		75	125
Silver	42348	1	SW17586	18	SW17586	15	0.0865	0.02U	.100	86		75	125
Sodium	42348	1	SW17586	17	SW17586	14	77.2700	31.6467	50	91		75	125
Vanadium	42348	1	SW17586	18	SW17586	15	0.4533	0.05U	0.50	91		75	125
Zinc	42348	1	SW17586	18	SW17586	15	0.4901	0.05U	0.50	98		75	125

a-Indicates Recovery Failed the criteria

b-Indicates Recovery Failed the criteria but non spike concentration >4*spike amount

FORM5/FORM7
SPIKE RECOVERY DATA
 PREP BATCH: 42348

5031810 0241

Instrument Type: ICPMS

Analytical Method(s):6020/200.8

ICP units in ppm, ICPMS and Hg in ppb

TxtQcType: LCS		Matrix: AQUEOUS			SampleID: LCSW 42348					
Analyte	BatchId	DF	Data Fil	Seq#:	Spk Conc:	Spk Adde	Recov	Qual	Lo Lim	Hi Lim
Antimony	42348	1	SW32415	17	233.3000	250	93	80	120	
Arsenic	42348	1	SW32415	17	221.2000	250	88	80	120	
Beryllium	42348	1	SW32415	17	236.3000	250	95	80	120	
Cadmium	42348	1	SW32415	17	224.4000	250	90	80	120	
Cobalt	42348	1	SW32415	17	220.3000	250	88	80	120	
Lead	42348	1	SW32415	17	227.6000	250	91	80	120	
Selenium	42348	1	SW32415	17	219.1000	250	88	80	120	
Thallium	42348	1	SW32415	17	216.3000	250	87	80	120	

TxtQcType: LCSMR		Matrix: AQUEOUS			SampleID: LCSW MR 42348					
Analyte	BatchId	DF	Data Fil	Seq#:	Spk Conc:	Spk Adde	Recov	Qual	Lo Lim	Hi Lim
Antimony	42348	1	SW32415	18	238.9000	250	96	80	120	
Arsenic	42348	1	SW32415	18	229.3000	250	92	80	120	
Beryllium	42348	1	SW32415	18	243.7000	250	97	80	120	
Cadmium	42348	1	SW32415	18	226.9000	250	91	80	120	
Cobalt	42348	1	SW32415	18	229.0000	250	92	80	120	
Lead	42348	1	SW32415	18	233.0000	250	93	80	120	
Selenium	42348	1	SW32415	18	224.7000	250	90	80	120	
Thallium	42348	1	SW32415	18	222.0000	250	89	80	120	

TxtQcType: MS		Matrix: AQUEOUS			SampleID: AC83807-033								
Analyte	BatchId	DF	Data Fil	Seq#:	NS Data Fil	Seq#	Spk Conc:	NS Conc:	Spk Adde	Recov	Qual	Lo Lim	Hi Lim
Antimony	42348	1	SW32415	22	SW32415	19	252.3000	1.5U	250	101	75	125	
Arsenic	42348	1	SW32415	22	SW32415	19	245.8000	1U	250	98	75	125	
Beryllium	42348	1	SW32415	22	SW32415	19	250.7000	0.5U	250	100	75	125	
Cadmium	42348	1	SW32415	22	SW32415	19	239.2000	1U	250	96	75	125	
Cobalt	42348	1	SW32415	22	SW32415	19	245.0000	1U	250	98	75	125	
Lead	42348	1	SW32415	22	SW32415	19	244.7000	5.7380	250	96	75	125	
Selenium	42348	1	SW32415	22	SW32415	19	235.3000	5U	250	94	75	125	
Thallium	42348	1	SW32415	22	SW32415	19	233.1000	1U	250	93	75	125	

TxtQcType: MSD		Matrix: AQUEOUS			SampleID: AC83807-034								
Analyte	BatchId	DF	Data Fil	Seq#:	NS Data Fil	Seq#	Spk Conc:	NS Conc:	Spk Adde	Recov	Qual	Lo Lim	Hi Lim
Antimony	42348	1	SW32415	23	SW32415	19	243.3000	1.5U	250	97	75	125	
Arsenic	42348	1	SW32415	23	SW32415	19	235.4000	1U	250	94	75	125	
Beryllium	42348	1	SW32415	23	SW32415	19	243.2000	0.5U	250	97	75	125	
Cadmium	42348	1	SW32415	23	SW32415	19	229.0000	1U	250	92	75	125	
Cobalt	42348	1	SW32415	23	SW32415	19	229.7000	1U	250	92	75	125	
Lead	42348	1	SW32415	23	SW32415	19	235.7000	5.7380	250	92	75	125	
Selenium	42348	1	SW32415	23	SW32415	19	228.9000	5U	250	92	75	125	
Thallium	42348	1	SW32415	23	SW32415	19	222.5000	1U	250	89	75	125	

a-Indicates Recovery Failed the criteria

b-Indicates Recovery Failed the criteria but non spike concentration >4*spike amount

FORM5/FORM7
SPIKE RECOVERY DATA
PREP BATCH: 42348

5031810 0242

Instrument Type: ICPMS

Analytical Method(s):6020/200.8

ICP units in ppm, ICPMS and Hg in ppb

TxtQcType: PS		Matrix: AQUEOUS		SampleID: AC83807-003								
Analyte	DF	Data Fil	Seq#:	NS Data Fil	Seq#	Spk Conc:	NS Conc:	Spk Adde	Recov	Qual	Lo Lim	Hi Lim
Antimony	1	SW32415	24	SW32415	19	44.2900	1.5U	50	89		80	120
Arsenic	1	SW32415	24	SW32415	19	44.5700	1U	50	89		80	120
Beryllium	1	SW32415	24	SW32415	19	49.6100	0.5U	50	99		80	120
Cadmium	1	SW32415	24	SW32415	19	44.1100	1U	50	88		80	120
Cobalt	1	SW32415	24	SW32415	19	49.3100	1U	50	99		80	120
Lead	1	SW32415	24	SW32415	19	53.0000	5.7380	50	95		80	120
Selenium	1	SW32415	24	SW32415	19	209.9000	5U	250	84		80	120
Thallium	1	SW32415	24	SW32415	19	48.5300	1U	50	97		80	120

a-Indicates Recovery Failed the criteria

b-Indicates Recovery Failed the criteria but non spike concentration >4*spike amount

FORM5/FORM7
SPIKE RECOVERY DATA
 PREP BATCH: 42349

5031810 0243

Instrument Type: ICP/HG

Analytical Method(s): 6010/200.7/7470A/7471A/245.1

ICP units in ppm, ICPMS and Hg in ppb

TxtQcType: LCS		Matrix: AQUEOUS			SampleID: LCSW 42349					
Analyte	BatchId	DF	Data Fil	Seq#:	Spk Conc:	Spk Adde	Recov	Qual	Lo Lim	Hi Lim
Aluminum	42349	1	SW17587	13	4.9038	5.000	98		80	120
Barium	42349	1	SW17587	13	0.4916	0.500	98		80	120
Beryllium	42349	1	SW17587	13	0.4865	0.500	97		80	120
Calcium	42349	1	SW17587	13	47.0912	50.00	94		80	120
Chromium	42349	1	SW17587	13	0.4925	0.500	98		80	120
Copper	42349	1	SW17587	13	0.5106	0.500	102		80	120
Iron	42349	1	SW17587	13	4.9276	5.000	99		80	120
Magnesium	42349	1	SW17587	13	47.1581	50.00	94		80	120
Manganese	42349	1	SW17587	13	0.4898	0.500	98		80	120
Mercury	42349	1	H17587S	12	9.6987	10	97		80	120
Nickel	42349	1	SW17587	13	0.4942	0.500	99		80	120
Potassium	42349	1	SW17587	12	46.2684	50	93		80	120
Silver	42349	1	SW17587	13	0.0976	0.100	98		80	120
Sodium	42349	1	SW17587	12	46.6422	50	93		80	120
Vanadium	42349	1	SW17587	13	0.4853	0.500	97		80	120
Zinc	42349	1	SW17587	13	0.5019	0.500	100		80	120

TxtQcType: LCSMR		Matrix: AQUEOUS			SampleID: LCSW MR 42349					
Analyte	BatchId	DF	Data Fil	Seq#:	Spk Conc:	Spk Adde	Recov	Qual	Lo Lim	Hi Lim
Aluminum	42349	1	SW17587	14	4.9109	5.000	98		80	120
Barium	42349	1	SW17587	14	0.4890	0.500	98		80	120
Beryllium	42349	1	SW17587	14	0.4891	0.500	98		80	120
Calcium	42349	1	SW17587	14	47.6199	50.00	95		80	120
Chromium	42349	1	SW17587	14	0.4915	0.500	98		80	120
Copper	42349	1	SW17587	14	0.4946	0.500	99		80	120
Iron	42349	1	SW17587	14	4.9084	5.000	98		80	120
Magnesium	42349	1	SW17587	14	47.5533	50.00	95		80	120
Manganese	42349	1	SW17587	14	0.4889	0.500	98		80	120
Mercury	42349	1	H17587S	13	9.7184	10	97		80	120
Nickel	42349	1	SW17587	14	0.4907	0.500	98		80	120
Potassium	42349	1	SW17587	13	46.6715	50	93		80	120
Silver	42349	1	SW17587	14	0.0976	0.100	98		80	120
Sodium	42349	1	SW17587	13	47.3426	50	95		80	120
Vanadium	42349	1	SW17587	14	0.4846	0.500	97		80	120
Zinc	42349	1	SW17587	14	0.4869	0.500	97		80	120

TxtQcType: MS		Matrix: AQUEOUS			SampleID: AC83807-035								
Analyte	BatchId	DF	Data Fil	Seq#:	NS Data Fil	Seq#	Spk Conc:	NS Conc:	Spk Adde	Recov	Qual	Lo Lim	Hi Lim
Aluminum	42349	1	SW17587	17	SW17587	15	4.9259	0.2U	5.00	99		75	125
Barium	42349	1	SW17587	17	SW17587	15	0.5268	0.05U	0.50	105		75	125
Beryllium	42349	1	SW17587	17	SW17587	15	0.4829	0.012U	0.50	97		75	125
Calcium	42349	1	SW17587	17	SW17587	15	57.9706	11.2590	50.0	93		75	125
Chromium	42349	1	SW17587	17	SW17587	15	0.4921	0.05U	0.50	98		75	125
Copper	42349	1	SW17587	17	SW17587	15	0.4974	0.05U	0.50	99		75	125
Iron	42349	1	SW17587	17	SW17587	15	5.0694	0.3U	5.00	101		75	125
Magnesium	42349	1	SW17587	17	SW17587	15	50.7364	5U	50.0	101		75	125
Manganese	42349	1	SW17587	17	SW17587	15	0.5201	0.04U	0.50	104		75	125
Mercury	42349	1	H17587S	16	H17587S	14	10.0067	.70U	10	100		75	125
Nickel	42349	1	SW17587	17	SW17587	15	0.4906	0.05U	0.50	98		75	125
Potassium	42349	1	SW17587	16	SW17587	14	48.0664	5U	50.00	96		75	125
Silver	42349	1	SW17587	17	SW17587	15	0.0978	0.02U	.100	98		75	125
Sodium	42349	1	SW17587	16	SW17587	14	83.9554	36.0153	50.00	96		75	125
Vanadium	42349	1	SW17587	17	SW17587	15	0.4901	0.05U	0.50	98		75	125
Zinc	42349	1	SW17587	17	SW17587	15	0.5084	0.05U	0.50	102		75	125

a-Indicates Recovery Failed the criteria

b-Indicates Recovery Failed the criteria but non spike concentration >4*spike amount

FORM5/FORM7
SPIKE RECOVERY DATA
 PREP BATCH: 42349

5031810 0244

Instrument Type: ICP/HG

Analytical Method(s):6010/200.7/7470A/7471A/245.1

ICP units in ppm, ICPMS and Hg in ppb

TxtQcType: MSD		Matrix: AQUEOUS			SampleID: AC83807-036								
Analyte	BatchId	DF	Data Fil	Seq#:	NS Data Fil	Seq#	Spk Conc:	NS Conc:	Spk Adde	Recov	Qual	Lo Lim	Hi Lim
Aluminum	42349	1	SW17587	18	SW17587	15	4.9973	0.2U	5.00	100		75	125
Barium	42349	1	SW17587	18	SW17587	15	0.5340	0.05U	0.50	107		75	125
Beryllium	42349	1	SW17587	18	SW17587	15	0.5039	0.012U	0.50	101		75	125
Calcium	42349	1	SW17587	18	SW17587	15	60.5604	11.2590	50.0	99		75	125
Chromium	42349	1	SW17587	18	SW17587	15	0.4986	0.05U	0.50	100		75	125
Copper	42349	1	SW17587	18	SW17587	15	0.5060	0.05U	0.50	101		75	125
Iron	42349	1	SW17587	18	SW17587	15	5.0565	0.3U	5.00	101		75	125
Magnesium	42349	1	SW17587	18	SW17587	15	53.1418	5U	50.0	106		75	125
Manganese	42349	1	SW17587	18	SW17587	15	0.5390	0.04U	0.50	108		75	125
Mercury	42349	1	H17587S	17	H17587S	14	10.0803	.70U	10	101		75	125
Nickel	42349	1	SW17587	18	SW17587	15	0.4983	0.05U	0.50	100		75	125
Potassium	42349	1	SW17587	17	SW17587	14	48.8165	5U	50.0	98		75	125
Silver	42349	1	SW17587	18	SW17587	15	0.0995	0.02U	.100	100		75	125
Sodium	42349	1	SW17587	17	SW17587	14	84.3869	36.0153	50	97		75	125
Vanadium	42349	1	SW17587	18	SW17587	15	0.4975	0.05U	0.50	100		75	125
Zinc	42349	1	SW17587	18	SW17587	15	0.5166	0.05U	0.50	103		75	125

a-Indicates Recovery Failed the criteria

b-Indicates Recovery Failed the criteria but non spike concentration >4*spike amount

FORM5/FORM7
SPIKE RECOVERY DATA
 PREP BATCH: 42349

5031810 0245

Instrument Type: ICPMS

Analytical Method(s):6020/200.8

ICP units in ppm, ICPMS and Hg in ppb

TxtQcType: LCS		Matrix: AQUEOUS			SampleID: LCSW 42349					
Analyte	BatchId	DF	Data Fil	Seq#:	Spk Conc:	Spk Adde	Recov	Qual	Lo Lim	Hi Lim
Antimony	42349	1	SW32715	17	251.2000	250	100		80	120
Arsenic	42349	1	SW32715	17	232.9000	250	93		80	120
Beryllium	42349	1	SW32715	17	244.3000	250	98		80	120
Cadmium	42349	1	SW32715	17	236.2000	250	94		80	120
Cobalt	42349	1	SW32715	17	231.8000	250	93		80	120
Lead	42349	1	SW32715	17	242.8000	250	97		80	120
Selenium	42349	1	SW32715	17	239.2000	250	96		80	120
Thallium	42349	1	SW32315	17	227.1000	250	91		80	120

TxtQcType: LCSMR		Matrix: AQUEOUS			SampleID: LCSW MR 42349					
Analyte	BatchId	DF	Data Fil	Seq#:	Spk Conc:	Spk Adde	Recov	Qual	Lo Lim	Hi Lim
Antimony	42349	1	SW32715	18	257.1000	250	103	80	120	
Arsenic	42349	1	SW32715	18	238.5000	250	95	80	120	
Beryllium	42349	1	SW32715	18	251.8000	250	101	80	120	
Cadmium	42349	1	SW32715	18	240.6000	250	96	80	120	
Cobalt	42349	1	SW32715	18	233.6000	250	93	80	120	
Lead	42349	1	SW32715	18	250.6000	250	100	80	120	
Selenium	42349	1	SW32715	18	245.1000	250	98	80	120	
Thallium	42349	1	SW32315	18	230.6000	250	92	80	120	

TxtQcType: MS		Matrix: AQUEOUS			SampleID: AC83807-035								
Analyte	BatchId	DF	Data Fil	Seq#:	NS Data Fil	Seq#	Spk Conc:	NS Conc:	Spk Adde	Recov	Qual	Lo Lim	Hi Lim
Antimony	42349	1	SW32715	22	SW32715	19	260.5000	1.5U	250	104		75	125
Arsenic	42349	1	SW32715	22	SW32715	19	244.9000	1U	250	98		75	125
Beryllium	42349	1	SW32715	22	SW32715	19	243.9000	0.5U	250	98		75	125
Cadmium	42349	1	SW32715	22	SW32715	19	242.4000	1U	250	97		75	125
Cobalt	42349	1	SW32715	22	SW32715	19	234.9000	1U	250	94		75	125
Lead	42349	1	SW32715	22	SW32715	19	250.2000	1.5U	250	100		75	125
Selenium	42349	1	SW32715	22	SW32715	19	242.0000	5U	250	97		75	125
Thallium	42349	1	SW32315	22	SW32315	19	231.6000	1U	250	93		75	125

TxtQcType: MSD		Matrix: AQUEOUS			SampleID: AC83807-036								
Analyte	BatchId	DF	Data Fil	Seq#:	NS Data Fil	Seq#	Spk Conc:	NS Conc:	Spk Adde	Recov	Qual	Lo Lim	Hi Lim
Antimony	42349	1	SW32715	23	SW32715	19	257.9000	1.5U	250	103	75	125	
Arsenic	42349	1	SW32715	23	SW32715	19	242.2000	1U	250	97	75	125	
Beryllium	42349	1	SW32715	23	SW32715	19	244.0000	0.5U	250	98	75	125	
Cadmium	42349	1	SW32715	23	SW32715	19	241.3000	1U	250	97	75	125	
Cobalt	42349	1	SW32715	23	SW32715	19	235.2000	1U	250	94	75	125	
Lead	42349	1	SW32715	23	SW32715	19	250.5000	1.5U	250	100	75	125	
Selenium	42349	1	SW32715	23	SW32715	19	240.0000	5U	250	96	75	125	
Thallium	42349	1	SW32315	23	SW32315	19	220.6000	1U	250	88	75	125	

a-Indicates Recovery Failed the criteria

b-Indicates Recovery Failed the criteria but non spike concentration >4*spike amount

FORM5/FORM7
SPIKE RECOVERY DATA
 PREP BATCH: 42349

5031810 0246

Instrument Type: ICPMS

Analytical Method(s):6020/200.8

ICP units in ppm, ICPMS and Hg in ppb

TxtQcType: PS		Matrix: AQUEOUS		SampleID: AC83807-004								
Analyte	DF	Data Fil	Seq#:	NS Data Fil	Seq#	Spk Conc:	NS Conc:	Spk Adde	Recov	Qual	Lo Lim	Hi Lim
Antimony	1	SW32715	24	SW32715	19	51.0900	1.5U	50	102		80	120
Arsenic	1	SW32715	24	SW32715	19	50.2900	1U	50	101		80	120
Beryllium	1	SW32715	24	SW32715	19	50.1600	0.5U	50	100		80	120
Cadmium	1	SW32715	24	SW32715	19	49.8100	1U	50	100		80	120
Cobalt	1	SW32715	24	SW32715	19	49.7300	1U	50	99		80	120
Lead	1	SW32715	24	SW32715	19	51.8000	1.5U	50	104		80	120
Selenium	1	SW32715	24	SW32715	19	242.1000	5U	250	97		80	120
Thallium	1	SW32315	24	SW32315	19	51.2700	1U	50	103		80	120

a-Indicates Recovery Failed the criteria

b-Indicates Recovery Failed the criteria but non spike concentration >4*spike amount

FORM6/FORM9

5031810 0247

RPD/%Difference Data

PREP BATCH: 42348

Instrument Type: ICP/HG

Analytical Method(s):6010/200.7/7470A/7471A/245.1

ICP units in ppm, ICPMS and Hg in ppb

TxtQcType: LCSMR		Matrix: AQUEOUS		SampleID: LCSW MR 42348					
Analyte	BatchId	Data Fil	Seq#:	NS File	Seq#	Result 1	Result 2	RPD	Limit
Aluminum	42348	SW17586	14	SW17586	13	4.6667	4.5267	3	20
Barium	42348	SW17586	14	SW17586	13	0.4667	0.4533	2.9	20
Calcium	42348	SW17586	14	SW17586	13	47.1301	45.9178	2.6	20
Chromium	42348	SW17586	14	SW17586	13	0.4698	0.4535	3.5	20
Copper	42348	SW17586	14	SW17586	13	0.4705	0.4564	3	20
Iron	42348	SW17586	14	SW17586	13	4.7073	4.5576	3.2	20
Magnesium	42348	SW17586	14	SW17586	13	46.9471	45.8075	2.5	20
Manganese	42348	SW17586	14	SW17586	13	0.4663	0.4520	3.1	20
Mercury	42348	H17586S	13	H17586S	12	10.1297	10.0184	1.1	20
Nickel	42348	SW17586	14	SW17586	13	0.4708	0.4567	3.1	20
Potassium	42348	SW17586	13	SW17586	12	48.3141	45.1708	6.7	20
Silver	42348	SW17586	14	SW17586	13	0.0878	0.0853	2.9	20
Sodium	42348	SW17586	13	SW17586	12	47.3536	45.3039	4.4	20
Vanadium	42348	SW17586	14	SW17586	13	0.4606	0.4468	3	20
Zinc	42348	SW17586	14	SW17586	13	0.4717	0.4583	2.9	20

TxtQcType: MR		Matrix: AQUEOUS		SampleID: AC83807-003					
Analyte	BatchId	Data Fil	Seq#:	NS File	Seq#	Result 1	Result 2	RPD	Limit
Aluminum	42348	SW17586	16	SW17586	15	0.2U	0.2U	---	20
Barium	42348	SW17586	16	SW17586	15	0.05U	0.05U	---	20
Calcium	42348	SW17586	16	SW17586	15	10.2790	9.9460	3.3	20
Chromium	42348	SW17586	16	SW17586	15	0.05U	0.05U	---	20
Copper	42348	SW17586	16	SW17586	15	0.05U	0.05U	---	20
Iron	42348	SW17586	16	SW17586	15	1.4330	1.5312	6.6	20
Magnesium	42348	SW17586	16	SW17586	15	5U	5U	---	20
Manganese	42348	SW17586	16	SW17586	15	0.0921	0.0943	2.4	20
Mercury	42348	H17586S	15	H17586S	14	.70U	.70U	---	20
Nickel	42348	SW17586	16	SW17586	15	0.05U	0.05U	---	20
Potassium	42348	SW17586	15	SW17586	14	5U	5U	---	20
Silver	42348	SW17586	16	SW17586	15	0.02U	0.02U	---	20
Sodium	42348	SW17586	15	SW17586	14	32.8071	31.6467	3.6	20
Vanadium	42348	SW17586	16	SW17586	15	0.05U	0.05U	---	20
Zinc	42348	SW17586	16	SW17586	15	0.05U	0.05U	---	20

TxtQcType: MSD		Matrix: AQUEOUS		SampleID: AC83807-034					
Analyte	BatchId	Data Fil	Seq#:	MS File	Seq#	Result 1	Result 2	RPD	Limit
Aluminum	42348	SW17586	18	SW17586	17	4.5889	4.5761	.28	20
Barium	42348	SW17586	18	SW17586	17	0.4874	0.4852	.45	20
Calcium	42348	SW17586	18	SW17586	17	56.9074	55.9287	1.7	20
Chromium	42348	SW17586	18	SW17586	17	0.4587	0.4551	.79	20
Copper	42348	SW17586	18	SW17586	17	0.4635	0.4625	.22	20
Iron	42348	SW17586	18	SW17586	17	5.9533	6.0963	2.4	20
Magnesium	42348	SW17586	18	SW17586	17	50.3683	49.4707	1.8	20
Manganese	42348	SW17586	18	SW17586	17	0.5233	0.5449	4	20
Mercury	42348	H17586S	17	H17586S	16	10.2408	9.2561	10	20
Nickel	42348	SW17586	18	SW17586	17	0.4606	0.4569	.81	20
Potassium	42348	SW17586	17	SW17586	16	48.6077	48.6099	.0045	20
Silver	42348	SW17586	18	SW17586	17	0.0865	0.0861	.41	20
Sodium	42348	SW17586	17	SW17586	16	77.2700	78.2538	1.3	20
Vanadium	42348	SW17586	18	SW17586	17	0.4533	0.4510	.51	20
Zinc	42348	SW17586	18	SW17586	17	0.4901	0.4800	2.1	20

a-Indicates Rpd Failed the criteria

b-Method Rep Out but concentrations < 5*RL

c-Serial dilution Out but conc < 10 * IDL

FORM6/FORM9
RPD/%Difference Data
PREP BATCH: 42348

5031810 0248

Instrument Type: ICP/HG

Analytical Method(s):6010/200.7/7470A/7471A/245.1

ICP units in ppm, ICPMS and Hg in ppb

TxtQcType: SD		Matrix: AQUEOUS		SampleID: AC83807-003						
Analyte	BatchId	Data Fil	Seq#:	NS File	Seq# DF	Result 1	Result 2	%Diff	Limit	
Aluminum	42348	SW17586	23	SW17586	15 5	-0.0113	0.0414	---	10	
Barium	42348	SW17586	23	SW17586	15 5	0.0040	0.0246	18 a	10	
Calcium	42348	SW17586	23	SW17586	15 5	1.9062	9.9460	4.2	10	
Chromium	42348	SW17586	23	SW17586	15 5	-0.0009	-0.0006	---	10	
Copper	42348	SW17586	23	SW17586	15 5	0.0001	0.0025	---	10	
Iron	42348	SW17586	23	SW17586	15 5	0.2949	1.5312	3.7	10	
Magnesium	42348	SW17586	23	SW17586	15 5	0.6314	3.5344	11 a	10	
Manganese	42348	SW17586	23	SW17586	15 5	0.0179	0.0943	5.3	10	
Nickel	42348	SW17586	23	SW17586	15 5	-0.0017	-0.0010	---	10	
Potassium	42348	SW17586	22	SW17586	14 5	0.2256	1.1742	3.9	10	
Silver	42348	SW17586	23	SW17586	15 5	-0.0001	0.0000	---	10	
Sodium	42348	SW17586	22	SW17586	14 5	6.3575	31.6467	0.44	10	
Vanadium	42348	SW17586	23	SW17586	15 5	-0.0013	-0.0003	---	10	
Zinc	42348	SW17586	23	SW17586	15 5	0.0044	0.0225	2.1	10	

a-Indicates Rpd Failed the criteria

b-Method Rep Out but concentrations < 5*RL

c-Serial dilution Out but conc < 10 * IDL

FORM6/FORM9
RPD/%Difference Data
 PREP BATCH: 42348

5031810 0249

Instrument Type: ICPMS

Analytical Method(s):6020/200.8

ICP units in ppm, ICPMS and Hg in ppb

TxtQcType: LCSMR		Matrix: AQUEOUS		SampleID: LCSW MR 42348					
Analyte	BatchId	Data Fil	Seq#:	NS File	Seq#	Result 1	Result 2	RPD	Limit
Antimony	42348	SW32415	18	SW32415	17	238.9000	233.3000	2.4	20
Arsenic	42348	SW32415	18	SW32415	17	229.3000	221.2000	3.6	20
Beryllium	42348	SW32415	18	SW32415	17	243.7000	236.3000	3.1	20
Cadmium	42348	SW32415	18	SW32415	17	226.9000	224.4000	1.1	20
Cobalt	42348	SW32415	18	SW32415	17	229.0000	220.3000	3.9	20
Lead	42348	SW32415	18	SW32415	17	233.0000	227.6000	2.3	20
Selenium	42348	SW32415	18	SW32415	17	224.7000	219.1000	2.5	20
Thallium	42348	SW32415	18	SW32415	17	222.0000	216.3000	2.6	20

TxtQcType: MR		Matrix: AQUEOUS		SampleID: AC83807-003					
Analyte	BatchId	Data Fil	Seq#:	NS File	Seq#	Result 1	Result 2	RPD	Limit
Antimony	42348	SW32415	20	SW32415	19	1.5U	1.5U	---	20
Arsenic	42348	SW32415	20	SW32415	19	1U	1U	---	20
Beryllium	42348	SW32415	20	SW32415	19	0.5U	0.5U	---	20
Cadmium	42348	SW32415	20	SW32415	19	1U	1U	---	20
Cobalt	42348	SW32415	20	SW32415	19	1U	1U	---	20
Lead	42348	SW32415	20	SW32415	19	1.5U	5.7380	---	20
Selenium	42348	SW32415	20	SW32415	19	5U	5U	---	20
Thallium	42348	SW32415	20	SW32415	19	1U	1U	---	20

TxtQcType: MSD		Matrix: AQUEOUS		SampleID: AC83807-034					
Analyte	BatchId	Data Fil	Seq#:	MS File	Seq#	Result 1	Result 2	RPD	Limit
Antimony	42348	SW32415	23	SW32415	22	243.3000	252.3000	3.6	20
Arsenic	42348	SW32415	23	SW32415	22	235.4000	245.8000	4.3	20
Beryllium	42348	SW32415	23	SW32415	22	243.2000	250.7000	3	20
Cadmium	42348	SW32415	23	SW32415	22	229.0000	239.2000	4.4	20
Cobalt	42348	SW32415	23	SW32415	22	229.7000	245.0000	6.4	20
Lead	42348	SW32415	23	SW32415	22	235.7000	244.7000	3.7	20
Selenium	42348	SW32415	23	SW32415	22	228.9000	235.3000	2.8	20
Thallium	42348	SW32415	23	SW32415	22	222.5000	233.1000	4.7	20

TxtQcType: SD		Matrix: AQUEOUS		SampleID: AC83807-003						
Analyte	BatchId	Data Fil	Seq#:	NS File	Seq#	DF	Result 1	Result 2	%Diff	Limit
Antimony	42348	SW32415	21	SW32415	19	5	0.0427	0.1163	84 c	10
Arsenic	42348	SW32415	21	SW32415	19	5	0.0654	0.3309	1.2	10
Beryllium	42348	SW32415	21	SW32415	19	5	-0.0003	0.0340	---	10
Cadmium	42348	SW32415	21	SW32415	19	5	0.1019	0.4694	8.5	10
Cobalt	42348	SW32415	21	SW32415	19	5	0.0651	0.4641	---	10
Lead	42348	SW32415	21	SW32415	19	5	1.1930	5.7380	4	10
Selenium	42348	SW32415	21	SW32415	19	5	-0.0379	0.0299	---	10
Thallium	42348	SW32415	21	SW32415	19	5	0.0387	0.2077	---	10

a-Indicates Rpd Failed the criteria

b-Method Rep Out but concentrations < 5*RL

c-Serial dilution Out but conc < 10 * IDL

FORM6/FORM9

5031810 0250

RPD/%Difference Data

PREP BATCH: 42349

Instrument Type: ICP/HG

Analytical Method(s):6010/200.7/7470A/7471A/245.1

ICP units in ppm, ICPMS and Hg in ppb

TxtQcType: LCSMR		Matrix: AQUEOUS		SampleID: LCSW MR 42349					
Analyte	BatchId	Data Fil	Seq#:	NS File	Seq#	Result 1	Result 2	RPD	Limit
Aluminum	42349	SW17587	14	SW17587	13	4.9109	4.9038	.14	20
Barium	42349	SW17587	14	SW17587	13	0.4890	0.4916	.51	20
Beryllium	42349	SW17587	14	SW17587	13	0.4891	0.4865	.53	20
Calcium	42349	SW17587	14	SW17587	13	47.6199	47.0912	1.1	20
Chromium	42349	SW17587	14	SW17587	13	0.4915	0.4925	.2	20
Copper	42349	SW17587	14	SW17587	13	0.4946	0.5106	3.2	20
Iron	42349	SW17587	14	SW17587	13	4.9084	4.9276	.39	20
Magnesium	42349	SW17587	14	SW17587	13	47.5533	47.1581	.83	20
Manganese	42349	SW17587	14	SW17587	13	0.4889	0.4898	.2	20
Mercury	42349	H17587S	13	H17587S	12	9.7184	9.6987	.2	20
Nickel	42349	SW17587	14	SW17587	13	0.4907	0.4942	.7	20
Potassium	42349	SW17587	13	SW17587	12	46.6715	46.2684	.87	20
Silver	42349	SW17587	14	SW17587	13	0.0976	0.0976	.0044	20
Sodium	42349	SW17587	13	SW17587	12	47.3426	46.6422	1.5	20
Vanadium	42349	SW17587	14	SW17587	13	0.4846	0.4853	.15	20
Zinc	42349	SW17587	14	SW17587	13	0.4869	0.5019	3	20

TxtQcType: MR		Matrix: AQUEOUS		SampleID: AC83807-004					
Analyte	BatchId	Data Fil	Seq#:	NS File	Seq#	Result 1	Result 2	RPD	Limit
Aluminum	42349	SW17587	16	SW17587	15	0.2U	0.2U	---	20
Barium	42349	SW17587	16	SW17587	15	0.05U	0.05U	---	20
Beryllium	42349	SW17587	16	SW17587	15	0.012U	0.012U	---	20
Calcium	42349	SW17587	16	SW17587	15	12.4451	11.2590	10	20
Chromium	42349	SW17587	16	SW17587	15	0.05U	0.05U	---	20
Copper	42349	SW17587	16	SW17587	15	0.05U	0.05U	---	20
Iron	42349	SW17587	16	SW17587	15	0.3U	0.3U	---	20
Magnesium	42349	SW17587	16	SW17587	15	5U	5U	---	20
Manganese	42349	SW17587	16	SW17587	15	0.04U	0.04U	---	20
Mercury	42349	H17587S	15	H17587S	14	.70U	.70U	---	20
Nickel	42349	SW17587	16	SW17587	15	0.05U	0.05U	---	20
Potassium	42349	SW17587	15	SW17587	14	5U	5U	---	20
Silver	42349	SW17587	16	SW17587	15	0.02U	0.02U	---	20
Sodium	42349	SW17587	15	SW17587	14	40.0570	36.0153	11	20
Vanadium	42349	SW17587	16	SW17587	15	0.05U	0.05U	---	20
Zinc	42349	SW17587	16	SW17587	15	0.05U	0.05U	---	20

a-Indicates Rpd Failed the criteria

b-Method Rep Out but concentrations < 5*RL

c-Serial dilution Out but conc < 10 * IDL

FORM6/FORM9
RPD/%Difference Data
 PREP BATCH: 42349

5031810 0251

Instrument Type: ICP/HG

Analytical Method(s):6010/200.7/7470A/7471A/245.1

ICP units in ppm, ICPMS and Hg in ppb

TxtQcType: MSD		Matrix: AQUEOUS		SampleID: AC83807-036					
Analyte	BatchId	Data File	Seq#:	MS File	Seq#	Result 1	Result 2	RPD	Limit
Aluminum	42349	SW17587	18	SW17587	17	4.9973	4.9259	1.4	20
Barium	42349	SW17587	18	SW17587	17	0.5340	0.5268	1.4	20
Beryllium	42349	SW17587	18	SW17587	17	0.5039	0.4829	4.2	20
Calcium	42349	SW17587	18	SW17587	17	60.5604	57.9706	4.4	20
Chromium	42349	SW17587	18	SW17587	17	0.4986	0.4921	1.3	20
Copper	42349	SW17587	18	SW17587	17	0.5060	0.4974	1.7	20
Iron	42349	SW17587	18	SW17587	17	5.0565	5.0694	.26	20
Magnesium	42349	SW17587	18	SW17587	17	53.1418	50.7364	4.6	20
Manganese	42349	SW17587	18	SW17587	17	0.5390	0.5201	3.6	20
Mercury	42349	H17587S	17	H17587S	16	10.0803	10.0067	.73	20
Nickel	42349	SW17587	18	SW17587	17	0.4983	0.4906	1.5	20
Potassium	42349	SW17587	17	SW17587	16	48.8165	48.0664	1.5	20
Silver	42349	SW17587	18	SW17587	17	0.0995	0.0978	1.7	20
Sodium	42349	SW17587	17	SW17587	16	84.3869	83.9554	.51	20
Vanadium	42349	SW17587	18	SW17587	17	0.4975	0.4901	1.5	20
Zinc	42349	SW17587	18	SW17587	17	0.5166	0.5084	1.6	20

TxtQcType: SD		Matrix: AQUEOUS		SampleID: AC83807-004					
Analyte	BatchId	Data File	Seq#:	NS File	Seq# DF	Result 1	Result 2	%Diff	Limit
Aluminum	42349	SW17587	23	SW17587	15 5	-0.0068	0.0418	---	10
Barium	42349	SW17587	23	SW17587	15 5	0.0060	0.0285	5.9	10
Beryllium	42349	SW17587	23	SW17587	15 5	0.0006	0.0007	347 c	10
Calcium	42349	SW17587	23	SW17587	15 5	2.3317	11.2590	3.5	10
Chromium	42349	SW17587	23	SW17587	15 5	0.0006	0.0007	337 c	10
Copper	42349	SW17587	23	SW17587	15 5	0.0007	0.0015	---	10
Iron	42349	SW17587	23	SW17587	15 5	0.0001	0.0111	---	10
Magnesium	42349	SW17587	23	SW17587	15 5	0.8750	4.0356	8.4	10
Manganese	42349	SW17587	23	SW17587	15 5	0.0070	0.0339	2.6	10
Nickel	42349	SW17587	23	SW17587	15 5	0.0003	0.0006	---	10
Potassium	42349	SW17587	22	SW17587	14 5	0.5528	1.5767	75 c	10
Silver	42349	SW17587	23	SW17587	15 5	0.0006	0.0003	---	10
Sodium	42349	SW17587	22	SW17587	14 5	7.5226	36.0153	4.4	10
Vanadium	42349	SW17587	23	SW17587	15 5	-0.0001	0.0016	---	10
Zinc	42349	SW17587	23	SW17587	15 5	0.0053	0.0217	22 a	10

a-Indicates Rpd Failed the criteria

b-Method Rep Out but concentrations < 5*RL

c-Serial dilution Out but conc < 10 * IDL

FORM6/FORM9
RPD/%Difference Data
 PREP BATCH: 42349

5031810 0252

Instrument Type: ICPMS

Analytical Method(s):6020/200.8

ICP units in ppm, ICPMS and Hg in ppb

TxtQcType: LCSMR		Matrix: AQUEOUS		SampleID: LCSW MR 42349					
Analyte	BatchId	Data Fil	Seq#:	NS File	Seq#	Result 1	Result 2	RPD	Limit
Antimony	42349	SW32715	18	SW32715	17	257.1000	251.2000	2.3	20
Arsenic	42349	SW32715	18	SW32715	17	238.5000	232.9000	2.4	20
Beryllium	42349	SW32715	18	SW32715	17	251.8000	244.3000	3	20
Cadmium	42349	SW32715	18	SW32715	17	240.6000	236.2000	1.8	20
Cobalt	42349	SW32715	18	SW32715	17	233.6000	231.8000	.77	20
Lead	42349	SW32715	18	SW32715	17	250.6000	242.8000	3.2	20
Selenium	42349	SW32715	18	SW32715	17	245.1000	239.2000	2.4	20
Thallium	42349	SW32315	18	SW32315	17	230.6000	227.1000	1.5	20

TxtQcType: MR		Matrix: AQUEOUS		SampleID: AC83807-004					
Analyte	BatchId	Data Fil	Seq#:	NS File	Seq#	Result 1	Result 2	RPD	Limit
Antimony	42349	SW32715	20	SW32715	19	1.5U	1.5U	---	20
Arsenic	42349	SW32715	20	SW32715	19	1U	1U	---	20
Beryllium	42349	SW32715	20	SW32715	19	0.5U	0.5U	---	20
Cadmium	42349	SW32715	20	SW32715	19	1U	1U	---	20
Cobalt	42349	SW32715	20	SW32715	19	1U	1U	---	20
Lead	42349	SW32715	20	SW32715	19	1.5U	1.5U	---	20
Selenium	42349	SW32715	20	SW32715	19	5U	5U	---	20
Thallium	42349	SW32315	20	SW32315	19	1U	1U	---	20

TxtQcType: MSD		Matrix: AQUEOUS		SampleID: AC83807-036					
Analyte	BatchId	Data Fil	Seq#:	MS File	Seq#	Result 1	Result 2	RPD	Limit
Antimony	42349	SW32715	23	SW32715	22	257.9000	260.5000	1	20
Arsenic	42349	SW32715	23	SW32715	22	242.2000	244.9000	1.1	20
Beryllium	42349	SW32715	23	SW32715	22	244.0000	243.9000	.041	20
Cadmium	42349	SW32715	23	SW32715	22	241.3000	242.4000	.45	20
Cobalt	42349	SW32715	23	SW32715	22	235.2000	234.9000	.13	20
Lead	42349	SW32715	23	SW32715	22	250.5000	250.2000	.12	20
Selenium	42349	SW32715	23	SW32715	22	240.0000	242.0000	.83	20
Thallium	42349	SW32315	23	SW32315	22	220.6000	231.6000	4.9	20

TxtQcType: SD		Matrix: AQUEOUS		SampleID: AC83807-004						
Analyte	BatchId	Data Fil	Seq#:	NS File	Seq#	DF	Result 1	Result 2	%Diff	Limit
Antimony	42349	SW32715	21	SW32715	19	5	0.0547	0.1349	103 c	10
Arsenic	42349	SW32715	21	SW32715	19	5	0.0548	0.3150	13 c	10
Beryllium	42349	SW32715	21	SW32715	19	5	0.0161	0.0776	---	10
Cadmium	42349	SW32715	21	SW32715	19	5	0.0182	0.0491	86 c	10
Cobalt	42349	SW32715	21	SW32715	19	5	0.0255	0.1079	---	10
Lead	42349	SW32715	21	SW32715	19	5	0.0586	0.1491	---	10
Selenium	42349	SW32715	21	SW32715	19	5	0.0329	0.3576	---	10
Thallium	42349	SW32315	21	SW32315	19	5	0.0516	0.2876	---	10

a-Indicates Rpd Failed the criteria

b-Method Rep Out but concentrations < 5*RL

c-Serial dilution Out but conc < 10 * IDL

Project: Dzus

Client PO: 42420

Report To: AECOM
100 Red School House Rd.
Suite B-1
Chestnut Ridge, NY 10977

Attn: Paul Kareth

Received Date: 4/13/2015

Report Date: 4/28/2015

Deliverables: NYDOH-CatA

Lab ID: AC84282

Lab Project No: 5041306

This report is a true report of results obtained from our tests of this material. The report relates only to those samples received and analyzed by the laboratory. All results meet the requirements of the NELAC Institute standards. Laboratory reports may not be reproduced, except in full, without the written approval of the laboratory.

In lieu of a formal contract document, the total aggregate liability of Hampton-Clarke to all parties shall not exceed Hampton-Clarke's total fee for analytical services rendered.


Robin Cousineau - Quality Assurance Director

OR

Jean Revolus - Laboratory Director

NJ (07071)
PA (68-00463)

NY (ELAP11408)
KY (90124)

CT (PH-0671)





**THIS CATEGORY "A" REPORT
IS NUMBERED FROM
1 to 105**

HC Case Narrative

Client: AECOM
Project: Dzus

HC Project: 5041306

Hampton-Clarke (HC) received the following samples on 4/13/2015:

Client ID	HC Sample ID	Matrix	Analysis
RC-2 SW MS	AC84282-001	Aqueous	Metals (6010C/6020A), Mercury (7470A)
RC-2 SW MSD	AC84282-002	Aqueous	Metals (6010C/6020A), Mercury (7470A)
SW-5 SW	AC84282-003	Aqueous	Metals (6010C/6020A), Mercury (7470A)
SW-6 SW	AC84282-004	Aqueous	Metals (6010C/6020A), Mercury (7470A)
SC-4 SW	AC84282-005	Aqueous	Metals (6010C/6020A), Mercury (7470A)
SED-1	AC84282-006	Sediment	Metals (6010C/6020A), Mercury (7471A)
SED-2	AC84282-007	Sediment	Metals (6010C/6020A), Mercury (7471A)
SED-3	AC84282-008	Sediment	Metals (6010C/6020A), Mercury (7471A)
SED-4	AC84282-009	Sediment	Metals (6010C/6020A), Mercury (7471A)
SED-5	AC84282-010	Sediment	Metals (6010C/6020A), Mercury (7471A)
SED-6	AC84282-011	Sediment	Metals (6010C/6020A), Mercury (7471A)
SW-1	AC84282-012	Aqueous	Metals (6010C/6020A), Mercury (7470A)
SW-2	AC84282-013	Aqueous	Metals (6010C/6020A), Mercury (7470A)
SW-3	AC84282-014	Aqueous	Metals (6010C/6020A), Mercury (7470A)
SW-4	AC84282-015	Aqueous	Metals (6010C/6020A), Mercury (7470A)
SC- 1 SED	AC84282-016	Sediment	Cadmium (6020A)
SC- 2 SED	AC84282-017	Sediment	Cadmium (6020A)
SC- 3 SED	AC84282-018	Sediment	Cadmium (6020A)
SC- 4 SED	AC84282-019	Sediment	Metals (6010C/6020A), Mercury (7471A)
SC- 5 SED	AC84282-020	Sediment	Cadmium (6020A)
FQ-1 SED	AC84282-021	Sediment	Metals (6010C/6020A), Mercury (7471A)
FQ-2 SED MS	AC84282-022	Sediment	Metals (6010C/6020A), Mercury (7471A)
FQ-2 SED MSD	AC84282-023	Sediment	Metals (6010C/6020A), Mercury (7471A)
RC-1 SW	AC84282-024	Aqueous	Metals (6010C/6020A), Mercury (7470A)

This case narrative is in the form of an exception report. Method specific and/or QA/QC anomalies related to this report only are detailed below.

Metals Analysis:

The Matrix Spike and/or Matrix Spike Duplicate for batches 42515, 42514, 42513 had recoveries outside QC limits. Please refer to the applicable Form 5/7 for the recoveries.

The serial dilution for batches 42515, 42514, 42513 are outside QC limits for one or more analytes. Please refer to the applicable Form 6/9 for the recoveries.

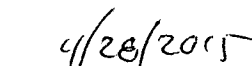
The RPD between the QC sample and the Method Replicate had recoveries outside QC limits in batch 42515, 42514. Please refer to the applicable Form 6/9 for the recoveries.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data has been authorized by the Laboratory Manager or his designee, as verified by the following signature.


Robin Cousineau
Quality Assurance Director

Or

Jean Revulus
Laboratory Director


Date

Hampton-Clarke, Inc. (WBE/DBE/SBE) 175 Route 46 West and 2 Madison Road, Fairfield, New Jersey 07004 Ph: 800-426-9992 973-244-9770 Fax: 973-244-9787 973-439-1458 Service Center: 137-D Gailher Drive, Mount Laurel, New Jersey 08054 Ph (Service Center): 856-780-6057 Fax: 856-780-6056		CHAIN OF CUSTODY RECORD		Project # (Lab Use Only) 5041306		Page 2 of 3	
Customer Information 1a) Customer: PAUL KARETH Address: _____ 1b) Email/Cell/Fax/Ph: _____ 1c) Send Invoice to: _____ 1d) Send Report to: _____				Project Information 2a) Project: DZUS 2b) Project Mgr: _____ 2c) Project Location (City/State): _____ 2d) Quote/PO # (If Applicable): _____			
Analysis (specify methods & parameter lists)				Reporting Requirements (Please Circle)			
FOR LAB USE ONLY Batch # AC84282 Matrix Codes DW - Drinking Water S - Soil A - Air GW - Ground Water SL - Sludge WW - Waste Water OL - Oil OT - Other (please specify under item 9, Comments)				Turnaround When Available: 1 Business Day (100%)* 2 Business Days (75%)* 3 Business Days (50%)* 4 Business Days (35%)* 5 Business Days (25%)* 10 Business Days (Stand.) Other: _____ * Expedited TAT Not Always Available. Please Check with Lab.			
7) Analysis (specify methods & parameter lists)				Report Type Data Summary Results + QC (Waste) NJ Reduced NY Reduced PA Reduced Full / Category B Category A Electronic (PDF) Other: _____			
8) # of Bottles None MeOH En Core NaOH HCl H2SO4 HNO3 Other: _____				Electronic Deliv. HazSite/CSV EnviroData Excel - NJ Regulatory Excel - NY Regulatory Excel - PA Regulatory EQUS (specify below): 4-File/EZ/NYS/Reg. 2 or 5 Other: _____			

Lab Sample #	4) Customer Sample ID	5) Matrix	6) Sample		Composite (C)	Grab (G)	9) Comments				
			Date	Time							
-006	SCD-1	S	4/11/15	9:20		X	TAX METALS				
-007	SCD-2			9:40							
-008	SCD-3			9:10							
-009	SCD-4			8:45							
-010	SCD-5			11:00							
-011	SCD-6			10:40							
-012	SL-1	OT		9:20							
-013	SL-2			9:40							
-014	SL-3			9:10							
-015	SL-4			8:45							

10) Relinquished by: _____		Accepted by: _____		Date	Time
_____		_____		4/13/15	9:30
_____		_____		4/13/15	10:20
Comments, Notes, Special Requirements, HAZARDS					
Indicate if low-level methods required to meet current groundwater standards (SPLP for soil): <input type="checkbox"/> BN or BNA (8270D SIM) <input type="checkbox"/> VOC (8260C SIM or 8011) <input type="checkbox"/> SPLP (BN, BNA, Metals) Check if applicable: <input type="checkbox"/> Project-Specific Reporting Limits <input type="checkbox"/> High Contaminant Concentrations <input type="checkbox"/> NJ LSRP Project (also check boxes above/right)					
For NJ LSRP projects, indicate which standards need to be met: <input type="checkbox"/> NJDEP GWQS <input type="checkbox"/> NJDEP SRS <input type="checkbox"/> NJDEP SPLP Other (specify): _____					
11) Sampler (print name): _____ Date: _____					
Please note NUMBERED items. If not completed your analytical work may be delayed. A fee of \$5/sample will be assessed for storage should sample not be activated for any analysis.					
Cooler Temperature _____					

175 Route 46 West and 2 Madison Road, Fairfield, New Jersey 07004
 Pti: 800-426-9992 | 973-244-9770 Fax: 973-244-9787 | 973-439-1458
 Service Center: 137-D Gailher Drive, Mount Laurel, New Jersey 08054
 Ph (Service Center): 856-780-6057 Fax: 856-780-6056



CHAIN OF CUSTODY
 RECORD

A Women-Owned, Disadvantaged, Small Business Enterprise

Project # (Lab Use Only)

5041306

Page 3 of 3

3) Reporting Requirements (Please Circle)

Customer Information 1a) Customer: <u>PAUL KARETH</u> Address: <u>AGECOM</u> <u>845-425-4996</u> 1b) Email/Cell/Fax/Ph: _____ 1c) Send Invoice to: _____ 1d) Send Report to: _____		Project Information 2a) Project: <u>0205</u> 2b) Project Mgr: _____ 2c) Project Location (City/State): _____ 2d) Quote/PO # (If Applicable): _____		Turnaround When Available: 1 Business Day (100%)* 2 Business Days (75%)* 3 Business Days (50%)* 4 Business Days (35%)* 5 Business Days (25%) 10 Business Days (Stand) Other: _____		Report Type Data Summary Results + QC (Waste) NJ Reduced NY Reduced PA Reduced Full / Category B Category A Electronic (PDF) Other: _____		Electronic Deliv. HazSite/CSV EnviroData Excel - NJ Regulatory Excel - NY Regulatory Excel - PA Regulatory EQUS (Specify below): 4-File/EZ/NYS/Reg. 2 or 5 Other: _____	
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FOR LAB USE ONLY Batch # <u>A084282</u> Matrix Codes DW - Drinking Water S - Soil A - Air GW - Ground Water SL - Sludge WW - Waste Water OL - Oil OT - Other (please specify under item 9, Comments)		7) Analysis (specify methods & parameter lists) Composite (C) Grab (G) <u>Chromium</u> <u>TAI METALS</u>		8) # of Bottles None <input checked="" type="checkbox"/> MeOH <input type="checkbox"/> En Core <input type="checkbox"/> NaOH <input type="checkbox"/> HCl <input type="checkbox"/> H2SO4 <input type="checkbox"/> HNO3 <input type="checkbox"/> Other: _____		9) Comments	
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Lab Sample #	4) Customer Sample ID	5) Matrix	6) Date	Sample Time	Composite (C)	Grab (G)	7) Analysis (specify methods & parameter lists)	8) # of Bottles	9) Comments
-016	SC-1	SCN	4/10/15	14:20	X	X			
-017	SC-2	SCN		14:30					
-018	SC-3	SCN		14:45					
-019	SC-4	SCN		15:15					
-020	SC-5	SCN		14:00					
-021	SC-1	SCN	4/11/15	7:30	X	X			
-022	SC-2	SCN		7:40					
-023	SC-3	SCN		7:40					
-024	SC-4	SCN		7:30	X	X			

10) Relinquished by: <u>[Signature]</u> Accepted by: <u>[Signature]</u> Date: <u>4/14/15</u> Time: <u>9:00</u> Date: <u>4/15/15</u> Time: <u>10:20</u>	Comments, Notes, Special Requirements, HAZARDS Indicate if low-level methods required to meet current groundwater standards (SPLP for soil): BN or BNA (8270D SIM) <input type="checkbox"/> VOC (8260C SIM or 8011) <input type="checkbox"/> SPLP (BN, BNA, Metals) <input type="checkbox"/> Project-Specific Reporting Limits High Contaminant Concentrations <input type="checkbox"/> NJ LSRP Project (also check boxes above/right) 11) Sampler (print name): _____ Date: <u>4.9</u> Please note NUMBERED items. If not completed your analytical work may be delayed. A fee of \$5/sample will be assessed for storage should sample not be activated for any analysis.
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Additional Notes Cooler Temperature <u>2.9</u>
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PROJECT MODIFICATIONS

Client: AECOM-CRNY

HC Project #: 5041306

Project: Dzus

kristen192.168.1.142
4/13/2015 2:35:46 PM

Per Paul Kareth 4/13 report type should be CatA and turnaround time should be standard - 4/13/15

kristen192.168.1.142
4/14/2015 8:41:05 AM

Per Paul Kareth 4/14 AC84282-022 (FQ-2 SED MS) and -023 (FQ-2 SED MSD) go with -007 (SED-2); -001 (RC-2 SW MS) and -002 (RC-2 SW MSD) go with -015 (SW-4) - 4/14/15 Kds

CONDITION UPON RECEIPT

Batch Number AC84282

Entered By: maxwell

Date Entered 4/13/2015 11:02:00 AM

- 1 Yes Is there a corresponding COC included with the samples?
- 2 Yes Are the samples in a container such as a cooler or Ice chest?
- 3 Yes Are the COC seals intact?
- 4 Yes Please specify the Temperature inside the container (in degC)
2.9
- 5 Yes Are the samples refrigerated (where required)/have they arrived on ice?
- 6 Yes Are the samples within the holding times for the parameters listed on the COC? IF no, list parameters and samples:
- 7 Yes Are all of the sample bottles intact? If no, specify sample numbers broken/leaking
- 8 Yes Are all of the sample labels or numbers legible? If no specify:
- 9 Yes Do the contents match the COC? If no, specify
- 10 Yes Is there enough sample sent for the analyses listed on the COC? If no, specify:
- 11 Yes Are samples preserved correctly?
- 12 Yes Was temperature blank present (Place comment below if not)? If not was temperature of samples verified?
- 13 NA Other comments .. Specify
- 14 NA Corrective actions (Specify item number and corrective action taken).

PRESERVATION DOCUMENT

Batch Number AC84282

Entered By: maxwell

Date Entered 4/13/2015 11:05:00 AM

Lab#:	Container Siz	Container Typ	Paramete	Preservative	PH
AC84282-001	1L	P	METALS	HNO3	1
AC84282-002	1L	P	METALS	HNO3	1
AC84282-003	1L	P	METALS	HNO3	1
AC84282-004	1L	P	METALS	HNO3	1
AC84282-005	1L	P	METALS	HNO3	1
AC84282-006	NA	NA	NA	NA	NA
AC84282-007	NA	NA	NA	NA	NA
AC84282-008	NA	NA	NA	NA	NA
AC84282-009	NA	NA	NA	NA	NA
AC84282-010	NA	NA	NA	NA	NA
AC84282-011	1L	P	METALS	HNO3	1
AC84282-012	1L	P	METALS	HNO3	1
AC84282-013	1L	P	METALS	HNO3	1
AC84282-014	1L	P	METALS	HNO3	1
AC84282-015	1L	P	METALS	HNO3	1
AC84282-016	NA	NA	NA	NA	NA
AC84282-017	NA	NA	NA	NA	NA
AC84282-018	NA	NA	NA	NA	NA
AC84282-019	NA	NA	NA	NA	NA
AC84282-020	NA	NA	NA	NA	NA
AC84282-021	NA	NA	NA	NA	NA
AC84282-022	NA	NA	NA	NA	NA
AC84282-023	NA	NA	NA	NA	NA
AC84282-024	1L	P	METALS	HNO3	1
AC84282-025	NA	NA	NA	NA	NA

Samples marked as received are stored in coolers or refrigerator R12, or R24 at 4 deg C until Login

Internal Chain of Custody

Lab#:	DateTime:	Loc or User	Bot Nu	A/ M	Analysis	Lab#:	DateTime:	Loc or User	Bot Nu	A/ M	Analysis
AC84282-021	04/14/15 08:16	R12	1	A	NONE						
AC84282-021	04/17/15 08:46	AM	1	A	TDSI/HG						
AC84282-021	04/17/15 08:47	R12	1	A	NONE						
AC84282-022	04/13/15 10:20	MAXW	0	M	Received						
AC84282-022	04/13/15 11:02	MAXW	0	M	Login						
AC84282-022	04/13/15 11:14	R12	2	A	NONE						
AC84282-022	04/13/15 21:35	PA	2	A	mixing						
AC84282-022	04/13/15 21:36	R12	2	A	NONE						
AC84282-022	04/14/15 07:24	DP	2	A	%solid						
AC84282-022	04/14/15 08:16	R12	2	A	NONE						
AC84282-022	04/17/15 08:46	AM	2	A	TDSI/HG						
AC84282-022	04/17/15 08:47	R12	2	A	NONE						
AC84282-023	04/13/15 10:20	MAXW	0	M	Received						
AC84282-023	04/13/15 11:02	MAXW	0	M	Login						
AC84282-023	04/13/15 11:14	R12	2	A	NONE						
AC84282-023	04/13/15 21:35	PA	2	A	mixing						
AC84282-023	04/13/15 21:36	R12	2	A	NONE						
AC84282-023	04/14/15 07:24	DP	2	A	%solid						
AC84282-023	04/14/15 08:16	R12	2	A	NONE						
AC84282-023	04/17/15 08:46	AM	2	A	TDSI/HG						
AC84282-023	04/17/15 08:47	R12	2	A	NONE						
AC84282-024	04/13/15 10:20	MAXW	0	M	Received						
AC84282-024	04/13/15 11:02	MAXW	0	M	Login						
AC84282-024	04/13/15 11:14	R12	1	A	NONE						
AC84282-024	04/18/15 12:28	SP	1	A	r12						
AC84282-024	04/18/15 12:28	SP	1	A	tdsw-hg						

Samples marked as received are stored in coolers or refrigerator R12, or R24 at 4 deg C until Login

Laboratory Chronicle

Client: AECOM
Project: Dzus

HC Project #: 5041306

Lab#: AC84282-001

Sample ID: RC-2 SW MS

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Mercury (Water) 7470A	EPA 7470A	04/18/15	snezana	EPA 7470A	4/20/15 16:27	CJA
TAL Metals 6010	3005&10/3050	04/18/15	snezana	EPA 6010C	4/20/15 14:40	SRB
TAL Metals 6010	3005&10/3050	04/18/15	snezana	EPA 6010C	4/20/15 19:23	SRB
TAL Metals 6020	3005&10/3050	04/18/15	snezana	EPA 6020A	4/21/15 18:59	PC

Lab#: AC84282-002

Sample ID: RC-2 SW MSD

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Mercury (Water) 7470A	EPA 7470A	04/18/15	snezana	EPA 7470A	4/20/15 16:29	CJA
TAL Metals 6010	3005&10/3050	04/18/15	snezana	EPA 6010C	4/20/15 14:44	SRB
TAL Metals 6010	3005&10/3050	04/18/15	snezana	EPA 6010C	4/20/15 19:25	SRB
TAL Metals 6020	3005&10/3050	04/18/15	snezana	EPA 6020A	4/21/15 19:05	PC

Lab#: AC84282-003

Sample ID: SW-5 SW

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Mercury (Water) 7470A	EPA 7470A	04/18/15	snezana	EPA 7470A	4/20/15 16:30	CJA
TAL Metals 6010	3005&10/3050	04/18/15	snezana	EPA 6010C	4/20/15 15:05	SRB
TAL Metals 6010	3005&10/3050	04/18/15	snezana	EPA 6010C	4/20/15 19:43	SRB
TAL Metals 6020	3005&10/3050	04/18/15	snezana	EPA 6020A	4/21/15 19:41	PC

Lab#: AC84282-004

Sample ID: SW-6 SW

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Mercury (Water) 7470A	EPA 7470A	04/18/15	snezana	EPA 7470A	4/20/15 16:32	CJA
TAL Metals 6010	3005&10/3050	04/18/15	snezana	EPA 6010C	4/20/15 19:47	SRB
TAL Metals 6010	3005&10/3050	04/18/15	snezana	EPA 6010C	4/20/15 15:08	SRB
TAL Metals 6020	3005&10/3050	04/18/15	snezana	EPA 6020A	4/21/15 19:47	PC

Laboratory Chronicle

Client: AECOM
Project: Dzus

HC Project #: 5041306

Lab#: AC84282-005

Sample ID: SC-4 SW

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Mercury (Water) 7470A	EPA 7470A	04/18/15	snezana	EPA 7470A	4/20/15 16:36	CJA
TAL Metals 6010	3005&10/3050	04/18/15	snezana	EPA 6010C	4/20/15 15:12	SRB
TAL Metals 6010	3005&10/3050	04/18/15	snezana	EPA 6010C	4/20/15 19:50	SRB
TAL Metals 6020	3005&10/3050	04/18/15	snezana	EPA 6020A	4/21/15 19:53	PC

Lab#: AC84282-006

Sample ID: SED-1

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	4/14/15 00:00	disham
Mercury (Soil/Waste) 7471A	EPA 7471B	04/17/15	AADEWUSI	EPA 7471B	4/23/15 11:57	CJA
TAL Metals 6010	3005&10/3050	04/17/15	AADEWUSI	EPA 6010C	4/17/15 23:57	OA
TAL Metals 6010	3005&10/3050	04/17/15	AADEWUSI	EPA 6010C	4/17/15 21:36	OA
TAL Metals 6020	3005&10/3050	04/17/15	AADEWUSI	EPA 6020A	4/18/15 05:30	PC

Lab#: AC84282-007

Sample ID: SED-2

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	4/14/15 00:00	disham
Mercury (Soil/Waste) 7471A	EPA 7471B	04/17/15	AADEWUSI	EPA 7471B	4/23/15 11:50	CJA
TAL Metals 6010	3005&10/3050	04/17/15	AADEWUSI	EPA 6010C	4/17/15 21:06	OA
TAL Metals 6010	3005&10/3050	04/17/15	AADEWUSI	EPA 6010C	4/17/15 23:28	OA
TAL Metals 6020	3005&10/3050	04/17/15	AADEWUSI	EPA 6020A	4/18/15 04:32	PC

Lab#: AC84282-008

Sample ID: SED-3

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	4/14/15 00:00	disham
Mercury (Soil/Waste) 7471A	EPA 7471B	04/17/15	AADEWUSI	EPA 7471B	4/23/15 12:01	CJA
TAL Metals 6010	3005&10/3050	04/17/15	AADEWUSI	EPA 6010C	4/17/15 21:39	OA
TAL Metals 6010	3005&10/3050	04/17/15	AADEWUSI	EPA 6010C	4/18/15 00:01	OA
TAL Metals 6020	3005&10/3050	04/17/15	AADEWUSI	EPA 6020A	4/18/15 05:36	PC

Laboratory Chronicle

Client: AECOM
Project: Dzus

HC Project #: 5041306

Lab#: AC84282-009

Sample ID: SED-4

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	4/14/15 00:00	disham
Mercury (Soil/Waste) 7471A	EPA 7471B	04/17/15	AADEWUSI	EPA 7471B	4/23/15 12:03	CJA
TAL Metals 6010	3005&10/3050	04/17/15	AADEWUSI	EPA 6010C	4/18/15 00:04	OA
TAL Metals 6010	3005&10/3050	04/17/15	AADEWUSI	EPA 6010C	4/17/15 21:42	OA
TAL Metals 6020	3005&10/3050	04/17/15	AADEWUSI	EPA 6020A	4/18/15 05:42	PC

Lab#: AC84282-010

Sample ID: SED-5

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	4/14/15 00:00	disham
Mercury (Soil/Waste) 7471A	EPA 7471B	04/17/15	AADEWUSI	EPA 7471B	4/23/15 12:04	CJA
TAL Metals 6010	3005&10/3050	04/17/15	AADEWUSI	EPA 6010C	4/17/15 21:45	OA
TAL Metals 6010	3005&10/3050	04/17/15	AADEWUSI	EPA 6010C	4/18/15 00:08	OA
TAL Metals 6020	3005&10/3050	04/17/15	AADEWUSI	EPA 6020A	4/18/15 05:48	PC

Lab#: AC84282-011

Sample ID: SED-6

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	4/14/15 00:00	disham
Mercury (Soil/Waste) 7471A	EPA 7471B	04/17/15	AADEWUSI	EPA 7471B	4/23/15 12:06	CJA
TAL Metals 6010	3005&10/3050	04/17/15	AADEWUSI	EPA 6010C	4/17/15 21:49	OA
TAL Metals 6010	3005&10/3050	04/17/15	AADEWUSI	EPA 6010C	4/18/15 00:11	OA
TAL Metals 6020	3005&10/3050	04/17/15	AADEWUSI	EPA 6020A	4/18/15 05:54	PC

Lab#: AC84282-012

Sample ID: SW-1

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Mercury (Water) 7470A	EPA 7470A	04/18/15	snezana	EPA 7470A	4/20/15 16:38	CJA
TAL Metals 6010	3005&10/3050	04/18/15	snezana	EPA 6010C	4/20/15 15:15	SRB
TAL Metals 6010	3005&10/3050	04/18/15	snezana	EPA 6010C	4/20/15 19:53	SRB
TAL Metals 6020	3005&10/3050	04/18/15	snezana	EPA 6020A	4/21/15 19:59	PC

Laboratory Chronicle

Client: AECOM
Project: Dzus

HC Project #: 5041306

Lab#: AC84282-013

Sample ID: SW-2

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Mercury (Water) 7470A	EPA 7470A	04/18/15	snezana	EPA 7470A	4/20/15 16:39	CJA
TAL Metals 6010	3005&10/3050	04/18/15	snezana	EPA 6010C	4/20/15 15:19	SRB
TAL Metals 6010	3005&10/3050	04/18/15	snezana	EPA 6010C	4/20/15 19:57	SRB
TAL Metals 6020	3005&10/3050	04/18/15	snezana	EPA 6020A	4/21/15 20:05	PC

Lab#: AC84282-014

Sample ID: SW-3

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Mercury (Water) 7470A	EPA 7470A	04/18/15	snezana	EPA 7470A	4/20/15 16:41	CJA
TAL Metals 6010	3005&10/3050	04/18/15	snezana	EPA 6010C	4/20/15 20:00	SRB
TAL Metals 6010	3005&10/3050	04/18/15	snezana	EPA 6010C	4/20/15 15:22	SRB
TAL Metals 6020	3005&10/3050	04/18/15	snezana	EPA 6020A	4/21/15 20:11	PC

Lab#: AC84282-015

Sample ID: SW-4

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Mercury (Water) 7470A	EPA 7470A	04/18/15	snezana	EPA 7470A	4/20/15 16:24	CJA
TAL Metals 6010	3005&10/3050	04/18/15	snezana	EPA 6010C	4/20/15 14:33	SRB
TAL Metals 6010	3005&10/3050	04/18/15	snezana	EPA 6010C	4/20/15 19:16	SRB
TAL Metals 6020	3005&10/3050	04/18/15	snezana	EPA 6020A	4/21/15 18:42	PC

Lab#: AC84282-016

Sample ID: SC- 1 SED

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	4/14/15 00:00	disham
Metals (single) 6020	3005&10/3050	04/17/15	AADEWUSI	EPA 6020A	4/18/15 06:12	PC

Lab#: AC84282-017

Sample ID: SC- 2 SED

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	4/14/15 00:00	disham
Metals (single) 6020	3005&10/3050	04/17/15	AADEWUSI	EPA 6020A	4/18/15 06:18	PC

Laboratory Chronicle

Client: AECOM
Project: Dzus

HC Project #: 5041306

Lab#: AC84282-018

Sample ID: SC- 3 SED

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	4/14/15 00:00	disham
Metals (single) 6020	3005&10/3050	04/17/15	AADEWUSI	EPA 6020A	4/18/15 06:47	PC

Lab#: AC84282-019

Sample ID: SC- 4 SED

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	4/14/15 00:00	disham
Mercury (Soil/Waste) 7471A	EPA 7471B	04/17/15	AADEWUSI	EPA 7471B	4/23/15 12:07	CJA
TAL Metals 6010	3005&10/3050	04/17/15	AADEWUSI	EPA 6010C	4/17/15 22:09	OA
TAL Metals 6010	3005&10/3050	04/17/15	AADEWUSI	EPA 6010C	4/18/15 00:32	OA
TAL Metals 6020	3005&10/3050	04/17/15	AADEWUSI	EPA 6020A	4/18/15 06:00	PC

Lab#: AC84282-020

Sample ID: SC- 5 SED

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	4/14/15 00:00	disham
Metals (single) 6020	3005&10/3050	04/17/15	AADEWUSI	EPA 6020A	4/18/15 06:53	PC

Lab#: AC84282-021

Sample ID: FQ-1 SED

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	4/14/15 00:00	disham
Mercury (Soil/Waste) 7471A	EPA 7471B	04/17/15	AADEWUSI	EPA 7471B	4/23/15 12:09	CJA
TAL Metals 6010	3005&10/3050	04/17/15	AADEWUSI	EPA 6010C	4/17/15 22:12	OA
TAL Metals 6010	3005&10/3050	04/17/15	AADEWUSI	EPA 6010C	4/18/15 00:35	OA
TAL Metals 6020	3005&10/3050	04/17/15	AADEWUSI	EPA 6020A	4/18/15 06:06	PC

Laboratory Chronicle

Client: AECOM
Project: Dzus

HC Project #: 5041306

Lab#: AC84282-022

Sample ID: FQ-2 SED MS

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	4/14/15 00:00	disham
Mercury (Soil/Waste) 7471A	EPA 7471B	04/17/15	AADEWUSI	EPA 7471B	4/23/15 11:53	CJA
TAL Metals 6010	3005&10/3050	04/17/15	AADEWUSI	EPA 6010C	4/17/15 23:34	OA
TAL Metals 6010	3005&10/3050	04/17/15	AADEWUSI	EPA 6010C	4/17/15 21:12	OA
TAL Metals 6020	3005&10/3050	04/17/15	AADEWUSI	EPA 6020A	4/18/15 04:49	PC

Lab#: AC84282-023

Sample ID: FQ-2 SED MSD

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
% Solids SM2540G				SM 2540G	4/14/15 00:00	disham
Mercury (Soil/Waste) 7471A	EPA 7471B	04/17/15	AADEWUSI	EPA 7471B	4/23/15 11:55	CJA
TAL Metals 6010	3005&10/3050	04/17/15	AADEWUSI	EPA 6010C	4/17/15 21:16	OA
TAL Metals 6010	3005&10/3050	04/17/15	AADEWUSI	EPA 6010C	4/17/15 23:37	OA
TAL Metals 6020	3005&10/3050	04/17/15	AADEWUSI	EPA 6020A	4/18/15 04:55	PC

Lab#: AC84282-024

Sample ID: RC-1 SW

Test Code	Prep Method	Prep Date	By	Analytical Method	Analysis Date	By
Mercury (Water) 7470A	EPA 7470A	04/18/15	snezana	EPA 7470A	4/20/15 16:42	CJA
TAL Metals 6010	3005&10/3050	04/18/15	snezana	EPA 6010C	4/20/15 15:26	SRB
TAL Metals 6010	3005&10/3050	04/18/15	snezana	EPA 6010C	4/20/15 20:04	SRB
TAL Metals 6020	3005&10/3050	04/18/15	snezana	EPA 6020A	4/21/15 20:17	PC

HC Reporting Limit Definitions/Data Qualifiers

REPORTING DEFINITIONS

DF = Dilution Factor

MDL = Method Detection Limit

RL* = Reporting Limit

ND = Not Detected

RT = Retention Time

NA = Not Applicable

**Samples with elevated Reporting Limits (RLs) as a result of a dilution may not achieve client reporting limits in some cases. The elevated RLs are unavoidable consequences of sample dilution required to quantitate target analytes that exceed the calibration range of the instrument.*

DATA QUALIFIERS

- B-** Indicates analyte was present in the Method Blank and sample.
- d-** For Pesticide and PCB analysis, the concentration between primary and secondary columns is greater than 40%. The lower concentration is generally reported.
- E-** Indicates the concentration exceeded the upper calibration range of the instrument.
- J-** Indicates the value is estimated because it is either a Tentatively Identified Compound (TIC) or the reported concentration is greater than the MDL but less than the RL. For samples results between the MDL and RL there is a possibility of false positives or misidentification at the quantitation levels. Additionally, the acceptance criteria for QC samples may not be met.

HC Report of Analysis

Client: AECOM

HC Project #: 5041306

Project: Dzus

Sample ID: RC-2 SW MS

Collection Date: 4/11/2015

Lab#: AC84282-001

Receipt Date: 4/13/2015

Matrix: Aqueous

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	10

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	5200
Barium	1	ug/l	50	540
Calcium	1	ug/l	5000	66000
Chromium	1	ug/l	50	510
Copper	1	ug/l	50	520
Iron	1	ug/l	300	5400
Magnesium	1	ug/l	5000	54000
Manganese	1	ug/l	40	1200
Nickel	1	ug/l	50	510
Potassium	1	ug/l	5000	52000
Silver	1	ug/l	20	100
Sodium	1	ug/l	5000	75000
Vanadium	1	ug/l	50	520
Zinc	1	ug/l	50	520

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	560
Arsenic	1	ug/l	2.0	530
Beryllium	1	ug/l	1.0	560
Cadmium	1	ug/l	2.0	530
Cobalt	1	ug/l	2.0	530
Lead	1	ug/l	3.0	550
Selenium	1	ug/l	10	530
Thallium	1	ug/l	2.0	500

Sample ID: RC-2 SW MSD
 Lab#: AC84282-002
 Matrix: Aqueous

Collection Date: 4/11/2015
 Receipt Date: 4/13/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	10

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	5100
Barium	1	ug/l	50	520
Calcium	1	ug/l	5000	63000
Chromium	1	ug/l	50	500
Copper	1	ug/l	50	510
Iron	1	ug/l	300	5300
Magnesium	1	ug/l	5000	52000
Manganese	1	ug/l	40	1100
Nickel	1	ug/l	50	500
Potassium	1	ug/l	5000	50000
Silver	1	ug/l	20	97
Sodium	1	ug/l	5000	71000
Vanadium	1	ug/l	50	510
Zinc	1	ug/l	50	510

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	500
Arsenic	1	ug/l	2.0	480
Beryllium	1	ug/l	1.0	510
Cadmium	1	ug/l	2.0	480
Cobalt	1	ug/l	2.0	470
Lead	1	ug/l	3.0	500
Selenium	1	ug/l	10	480
Thallium	1	ug/l	2.0	460

Sample ID: SW-5 SW
 Lab#: AC84282-003
 Matrix: Aqueous

Collection Date: 4/11/2015
 Receipt Date: 4/13/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	15000
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	460
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	40	280
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	24000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	6.9
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: SW-6 SW
 Lab#: AC84282-004
 Matrix: Aqueous

Collection Date: 4/11/2015
 Receipt Date: 4/13/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	21000
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	2000
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	40	550
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	28000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	ND
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: SC-4 SW
 Lab#: AC84282-005
 Matrix: Aqueous

Collection Date: 4/11/2015
 Receipt Date: 4/13/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	15000
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	ND
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	40	640
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	23000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	ND
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: SED-1
 Lab#: AC84282-006
 Matrix: Sediment

Collection Date: 4/11/2015
 Receipt Date: 4/13/2015

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		32

Mercury (Soil/Waste) 7471A

Analyte	DF	Units	RL	Result
Mercury	1	mg/kg	0.26	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	mg/kg	620	2600
Barium	1	mg/kg	31	39
Calcium	1	mg/kg	3100	ND
Chromium	1	mg/kg	16	ND
Cobalt	1	mg/kg	7.8	ND
Copper	1	mg/kg	16	220
Iron	1	mg/kg	620	8600
Lead	1	mg/kg	16	72
Magnesium	1	mg/kg	1600	ND
Manganese	1	mg/kg	31	310
Nickel	1	mg/kg	16	ND
Potassium	1	mg/kg	1600	ND
Sodium	1	mg/kg	780	ND
Vanadium	1	mg/kg	31	ND
Zinc	1	mg/kg	31	140

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	mg/kg	2.5	ND
Arsenic	1	mg/kg	0.62	5.6
Beryllium	1	mg/kg	0.62	ND
Cadmium	1	mg/kg	1.2	26
Selenium	1	mg/kg	6.3	ND
Silver	1	mg/kg	0.62	ND
Thallium	1	mg/kg	1.2	ND

Sample ID: SED-2
 Lab#: AC84282-007
 Matrix: Sediment

Collection Date: 4/11/2015
 Receipt Date: 4/13/2015

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		25

Mercury (Soil/Waste) 7471A

Analyte	DF	Units	RL	Result
Mercury	1	mg/kg	0.33	0.35

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	mg/kg	800	12000
Barium	1	mg/kg	40	91
Calcium	1	mg/kg	4000	ND
Chromium	1	mg/kg	20	49
Cobalt	1	mg/kg	10	13
Copper	1	mg/kg	20	130
Iron	1	mg/kg	800	17000
Lead	1	mg/kg	20	340
Magnesium	1	mg/kg	2000	ND
Manganese	1	mg/kg	40	1900
Nickel	1	mg/kg	20	ND
Potassium	1	mg/kg	2000	ND
Sodium	1	mg/kg	1000	ND
Vanadium	1	mg/kg	40	ND
Zinc	1	mg/kg	40	480

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	mg/kg	3.2	ND
Arsenic	1	mg/kg	0.80	15
Beryllium	1	mg/kg	0.80	ND
Cadmium	1	mg/kg	1.6	150
Selenium	1	mg/kg	8.0	ND
Silver	1	mg/kg	0.80	ND
Thallium	1	mg/kg	1.6	ND

Sample ID: SED-3
 Lab#: AC84282-008
 Matrix: Sediment

Collection Date: 4/11/2015
 Receipt Date: 4/13/2015

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		17

Mercury (Soil/Waste) 7471A

Analyte	DF	Units	RL	Result
Mercury	1	mg/kg	0.49	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	mg/kg	1200	6600
Barium	1	mg/kg	59	ND
Calcium	1	mg/kg	5900	ND
Chromium	1	mg/kg	29	ND
Cobalt	1	mg/kg	15	ND
Copper	1	mg/kg	29	70
Iron	1	mg/kg	1200	9200
Lead	1	mg/kg	29	150
Magnesium	1	mg/kg	2900	ND
Manganese	1	mg/kg	59	370
Nickel	1	mg/kg	29	ND
Potassium	1	mg/kg	2900	ND
Sodium	1	mg/kg	1500	ND
Vanadium	1	mg/kg	59	ND
Zinc	1	mg/kg	59	250

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	mg/kg	4.7	ND
Arsenic	1	mg/kg	1.2	4.2
Beryllium	1	mg/kg	1.2	ND
Cadmium	1	mg/kg	2.4	64
Selenium	1	mg/kg	12	ND
Silver	1	mg/kg	1.2	ND
Thallium	1	mg/kg	2.4	ND

Sample ID: SED-4
 Lab#: AC84282-009
 Matrix: Sediment

Collection Date: 4/11/2015
 Receipt Date: 4/13/2015

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		24

Mercury (Soil/Waste) 7471A

Analyte	DF	Units	RL	Result
Mercury	1	mg/kg	0.35	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	mg/kg	830	4800
Barium	1	mg/kg	42	66
Calcium	1	mg/kg	4200	ND
Chromium	1	mg/kg	21	ND
Cobalt	1	mg/kg	10	11
Copper	1	mg/kg	21	54
Iron	1	mg/kg	830	9000
Lead	1	mg/kg	21	110
Magnesium	1	mg/kg	2100	ND
Manganese	1	mg/kg	42	1100
Nickel	1	mg/kg	21	ND
Potassium	1	mg/kg	2100	ND
Sodium	1	mg/kg	1000	ND
Vanadium	1	mg/kg	42	ND
Zinc	1	mg/kg	42	250

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	mg/kg	3.3	ND
Arsenic	1	mg/kg	0.83	4.8
Beryllium	1	mg/kg	0.83	ND
Cadmium	1	mg/kg	1.7	57
Selenium	1	mg/kg	8.3	ND
Silver	1	mg/kg	0.83	ND
Thallium	1	mg/kg	1.7	ND

Sample ID: SED-5
 Lab#: AC84282-010
 Matrix: Sediment

Collection Date: 4/11/2015
 Receipt Date: 4/13/2015

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		30

Mercury (Soil/Waste) 7471A

Analyte	DF	Units	RL	Result
Mercury	1	mg/kg	0.28	1.2

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	mg/kg	670	5300
Barium	1	mg/kg	33	120
Calcium	1	mg/kg	3300	4300
Chromium	1	mg/kg	17	35
Cobalt	1	mg/kg	8.3	13
Copper	1	mg/kg	17	110
Iron	1	mg/kg	670	32000
Lead	1	mg/kg	17	190
Magnesium	1	mg/kg	1700	ND
Manganese	1	mg/kg	33	3500
Nickel	1	mg/kg	17	ND
Potassium	1	mg/kg	1700	ND
Sodium	1	mg/kg	830	ND
Vanadium	1	mg/kg	33	60
Zinc	1	mg/kg	33	360

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	mg/kg	2.7	ND
Arsenic	1	mg/kg	0.67	11
Beryllium	1	mg/kg	0.67	ND
Cadmium	1	mg/kg	1.3	62
Selenium	1	mg/kg	6.7	ND
Silver	1	mg/kg	0.67	ND
Thallium	1	mg/kg	1.3	ND

Sample ID: SED-6
 Lab#: AC84282-011
 Matrix: Sediment

Collection Date: 4/11/2015
 Receipt Date: 4/13/2015

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		77

Mercury (Soil/Waste) 7471A

Analyte	DF	Units	RL	Result
Mercury	1	mg/kg	0.11	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	mg/kg	260	810
Barium	1	mg/kg	13	ND
Calcium	1	mg/kg	1300	ND
Chromium	1	mg/kg	6.5	ND
Cobalt	1	mg/kg	3.2	ND
Copper	1	mg/kg	6.5	8.7
Iron	1	mg/kg	260	2600
Lead	1	mg/kg	6.5	7.2
Magnesium	1	mg/kg	650	ND
Manganese	1	mg/kg	13	18
Nickel	1	mg/kg	6.5	ND
Potassium	1	mg/kg	650	ND
Sodium	1	mg/kg	320	ND
Vanadium	1	mg/kg	13	ND
Zinc	1	mg/kg	13	32

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	mg/kg	1.0	ND
Arsenic	1	mg/kg	0.26	0.56
Beryllium	1	mg/kg	0.26	ND
Cadmium	1	mg/kg	0.52	ND
Selenium	1	mg/kg	2.6	ND
Silver	1	mg/kg	0.26	ND
Thallium	1	mg/kg	0.52	ND

Sample ID: SW-1
 Lab#: AC84282-012
 Matrix: Aqueous

Collection Date: 4/11/2015
 Receipt Date: 4/13/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	15000
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	370
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	40	760
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	24000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	3.4
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: SW-2
 Lab#: AC84282-013
 Matrix: Aqueous

Collection Date: 4/11/2015
 Receipt Date: 4/13/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	15000
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	510
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	40	840
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	24000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	2.8
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: SW-3
 Lab#: AC84282-014
 Matrix: Aqueous

Collection Date: 4/11/2015
 Receipt Date: 4/13/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	15000
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	ND
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	40	640
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	23000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	ND
Cobalt	1	ug/l	2.0	ND
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Sample ID: SW-4
 Lab#: AC84282-015
 Matrix: Aqueous

Collection Date: 4/11/2015
 Receipt Date: 4/13/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	ND
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	13000
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	390
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	40	550
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	17000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	ND
Cobalt	1	ug/l	2.0	3.1
Lead	1	ug/l	3.0	ND
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	2.0

Sample ID: SC- 1 SED
Lab#: AC84282-016
Matrix: Sediment

Collection Date: 4/10/2015
Receipt Date: 4/13/2015

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		18

Metals (single) 6020

Analyte	DF	Units	RL	Result
Cadmium	1	mg/kg	2.2	12

Sample ID: SC- 2 SED
Lab#: AC84282-017
Matrix: Sediment

Collection Date: 4/10/2015
Receipt Date: 4/13/2015

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		67

Metals (single) 6020

Analyte	DF	Units	RL	Result
Cadmium	1	mg/kg	0.60	0.82

Sample ID: SC- 3 SED
Lab#: AC84282-018
Matrix: Sediment

Collection Date: 4/10/2015
Receipt Date: 4/13/2015

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		39

Metals (single) 6020

Analyte	DF	Units	RL	Result
Cadmium	1	mg/kg	1.0	ND

Sample ID: SC- 4 SED
 Lab#: AC84282-019
 Matrix: Sediment

Collection Date: 4/10/2015
 Receipt Date: 4/13/2015

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		66

Mercury (Soil/Waste) 7471A

Analyte	DF	Units	RL	Result
Mercury	1	mg/kg	0.13	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	mg/kg	300	600
Barium	1	mg/kg	15	ND
Calcium	1	mg/kg	1500	ND
Chromium	1	mg/kg	7.6	ND
Cobalt	1	mg/kg	3.8	ND
Copper	1	mg/kg	7.6	ND
Iron	1	mg/kg	300	1400
Lead	1	mg/kg	7.6	ND
Magnesium	1	mg/kg	760	ND
Manganese	1	mg/kg	15	61
Nickel	1	mg/kg	7.6	ND
Potassium	1	mg/kg	760	ND
Sodium	1	mg/kg	380	ND
Vanadium	1	mg/kg	15	ND
Zinc	1	mg/kg	15	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	mg/kg	1.2	ND
Arsenic	1	mg/kg	0.30	0.52
Beryllium	1	mg/kg	0.30	ND
Cadmium	1	mg/kg	0.61	ND
Selenium	1	mg/kg	3.0	ND
Silver	1	mg/kg	0.30	ND
Thallium	1	mg/kg	0.61	ND

Sample ID: SC- 5 SED
Lab#: AC84282-020
Matrix: Sediment

Collection Date: 4/10/2015
Receipt Date: 4/13/2015

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		62

Metals (single) 6020

Analyte	DF	Units	RL	Result
Cadmium	1	mg/kg	0.65	1.4

Sample ID: FQ-1 SED
 Lab#: AC84282-021
 Matrix: Sediment

Collection Date: 4/11/2015
 Receipt Date: 4/13/2015

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		70

Mercury (Soil/Waste) 7471A

Analyte	DF	Units	RL	Result
Mercury	1	mg/kg	0.12	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	mg/kg	290	910
Barium	1	mg/kg	14	ND
Calcium	1	mg/kg	1400	ND
Chromium	1	mg/kg	7.1	ND
Cobalt	1	mg/kg	3.6	ND
Copper	1	mg/kg	7.1	ND
Iron	1	mg/kg	290	2400
Lead	1	mg/kg	7.1	ND
Magnesium	1	mg/kg	710	ND
Manganese	1	mg/kg	14	120
Nickel	1	mg/kg	7.1	ND
Potassium	1	mg/kg	710	ND
Sodium	1	mg/kg	360	ND
Vanadium	1	mg/kg	14	17
Zinc	1	mg/kg	14	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	mg/kg	1.1	ND
Arsenic	1	mg/kg	0.29	0.89
Beryllium	1	mg/kg	0.29	ND
Cadmium	1	mg/kg	0.57	0.83
Selenium	1	mg/kg	2.9	ND
Silver	1	mg/kg	0.29	ND
Thallium	1	mg/kg	0.57	ND

Sample ID: FQ-2 SED MS

Lab#: AC84282-022

Matrix: Sediment

Collection Date: 4/11/2015

Receipt Date: 4/13/2015

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		21

Mercury (Soil/Waste) 7471A

Analyte	DF	Units	RL	Result
Mercury	1	mg/kg	0.40	6.4

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	mg/kg	950	8500
Barium	1	mg/kg	48	260
Calcium	1	mg/kg	4800	27000
Chromium	1	mg/kg	24	240
Cobalt	1	mg/kg	12	240
Copper	1	mg/kg	24	280
Iron	1	mg/kg	950	9400
Lead	1	mg/kg	24	330
Magnesium	1	mg/kg	2400	24000
Manganese	1	mg/kg	48	610
Nickel	1	mg/kg	24	250
Potassium	1	mg/kg	2400	23000
Sodium	1	mg/kg	1200	23000
Vanadium	1	mg/kg	48	250
Zinc	1	mg/kg	48	420

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	mg/kg	3.8	170
Arsenic	1	mg/kg	0.95	230
Beryllium	1	mg/kg	0.95	220
Cadmium	1	mg/kg	1.9	290
Selenium	1	mg/kg	9.5	220
Silver	1	mg/kg	0.95	36
Thallium	1	mg/kg	1.9	230

Sample ID: FQ-2 SED MSD

Lab#: AC84282-023

Matrix: Sediment

Collection Date: 4/11/2015

Receipt Date: 4/13/2015

% Solids SM2540G

Analyte	DF	Units	RL	Result
% Solids	1	percent		19

Mercury (Soil/Waste) 7471A

Analyte	DF	Units	RL	Result
Mercury	1	mg/kg	0.44	8.1

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	mg/kg	1100	10000
Barium	1	mg/kg	53	290
Calcium	1	mg/kg	5300	29000
Chromium	1	mg/kg	26	270
Cobalt	1	mg/kg	13	260
Copper	1	mg/kg	26	310
Iron	1	mg/kg	1100	11000
Lead	1	mg/kg	26	380
Magnesium	1	mg/kg	2600	27000
Manganese	1	mg/kg	53	640
Nickel	1	mg/kg	26	270
Potassium	1	mg/kg	2600	25000
Sodium	1	mg/kg	1300	25000
Vanadium	1	mg/kg	53	280
Zinc	1	mg/kg	53	480

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	mg/kg	4.2	170
Arsenic	1	mg/kg	1.1	270
Beryllium	1	mg/kg	1.1	250
Cadmium	1	mg/kg	2.1	360
Selenium	1	mg/kg	11	250
Silver	1	mg/kg	1.1	41
Thallium	1	mg/kg	2.1	260

Sample ID: RC-1 SW
 Lab#: AC84282-024
 Matrix: Aqueous

Collection Date: 4/10/2015
 Receipt Date: 4/13/2015

Mercury (Water) 7470A

Analyte	DF	Units	RL	Result
Mercury	1	ug/l	0.70	ND

TAL Metals 6010

Analyte	DF	Units	RL	Result
Aluminum	1	ug/l	200	320
Barium	1	ug/l	50	ND
Calcium	1	ug/l	5000	13000
Chromium	1	ug/l	50	ND
Copper	1	ug/l	50	ND
Iron	1	ug/l	300	600
Magnesium	1	ug/l	5000	ND
Manganese	1	ug/l	40	700
Nickel	1	ug/l	50	ND
Potassium	1	ug/l	5000	ND
Silver	1	ug/l	20	ND
Sodium	1	ug/l	5000	18000
Vanadium	1	ug/l	50	ND
Zinc	1	ug/l	50	ND

TAL Metals 6020

Analyte	DF	Units	RL	Result
Antimony	1	ug/l	3.0	ND
Arsenic	1	ug/l	2.0	ND
Beryllium	1	ug/l	1.0	ND
Cadmium	1	ug/l	2.0	ND
Cobalt	1	ug/l	2.0	3.9
Lead	1	ug/l	3.0	3.2
Selenium	1	ug/l	10	ND
Thallium	1	ug/l	2.0	ND

Form1

Inorganic Analysis Data Sheet

Sample ID: MB 42513 (1)
 Client Id: MB 42513 (1)
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L

Lab Name: Veritech
 Lab Code:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M:	Instr
7429-90-5	Aluminum	200	ND	1	50	50	04/20/15	42513SW17712A2		12	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	04/20/15	42513SW17712A2		12	P	PEICP2A
7440-70-2	Calcium	5000	ND	1	50	50	04/20/15	42513SW17712A2		12	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	04/20/15	42513SW17712A2		12	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	04/20/15	42513SW17712A2		12	P	PEICP2A
7439-89-6	Iron	300	ND	1	50	50	04/20/15	42513SW17712A2		12	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	04/20/15	42513SW17712A2		12	P	PEICP2A
7439-96-5	Manganese	40	ND	1	50	50	04/20/15	42513SW17712A2		12	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	04/20/15	42513 H17712SW		11	CV	HGCV2A
7439-98-7	Molybdenum	20	ND	1	50	50	04/20/15	42513SW17712A2		12	P	PEICP2A
7440-02-0	Nickel	50	ND	1	50	50	04/20/15	42513SW17712A2		12	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	04/20/15	42513SW17712B2		11	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	04/20/15	42513SW17712A2		12	P	PEICP2A
7440-23-5	Sodium	5000	ND	1	50	50	04/20/15	42513SW17712B2		11	P	PEICPRAD2A
7440-31-5	Tin	50	ND	1	50	50	04/20/15	42513SW17712A2		12	P	PEICP2A
7440-32-6	Titanium	50	ND	1	50	50	04/20/15	42513SW17712A2		12	P	PEICP2A
7440-62-2	Vanadium	50	ND	1	50	50	04/20/15	42513SW17712A2		12	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	04/20/15	42513SW17712A2		12	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: MB 42514 (100)
 Client Id: MB 42514 (100)
 Matrix: SOIL
 Level: LOW

% Solid: 0
 Units: MG/KG

Lab Name: Veritech
 Lab Code:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	0.5	50	04/17/15	42514	S17713B3	11	P	PEICPRAD3A
7440-36-0	Antimony	4.0	ND	1	0.5	50	04/17/15	42514	S17713A3	12	P	PEICP3A
7440-38-2	Arsenic	4.0	ND	1	0.5	50	04/17/15	42514	S17713A3	12	P	PEICP3A
7440-39-3	Barium	10	ND	1	0.5	50	04/17/15	42514	S17713A3	12	P	PEICP3A
7440-41-7	Beryllium	1.2	ND	1	0.5	50	04/17/15	42514	S17713A3	12	P	PEICP3A
7440-43-9	Cadmium	1.2	ND	1	0.5	50	04/17/15	42514	S17713A3	12	P	PEICP3A
7440-70-2	Calcium	1000	ND	1	0.5	50	04/17/15	42514	S17713B3	11	P	PEICPRAD3A
7440-47-3	Chromium	5.0	ND	1	0.5	50	04/17/15	42514	S17713A3	12	P	PEICP3A
7440-48-4	Cobalt	2.5	ND	1	0.5	50	04/17/15	42514	S17713A3	12	P	PEICP3A
7440-50-8	Copper	5.0	ND	1	0.5	50	04/17/15	42514	S17713A3	12	P	PEICP3A
7439-89-6	Iron	200	ND	1	0.5	50	04/17/15	42514	S17713B3	11	P	PEICPRAD3A
7439-92-1	Lead	5.0	ND	1	0.5	50	04/17/15	42514	S17713A3	12	P	PEICP3A
7439-95-4	Magnesium	500	ND	1	0.5	50	04/17/15	42514	S17713B3	11	P	PEICPRAD3A
7439-96-5	Manganese	10	ND	1	0.5	50	04/17/15	42514	S17713A3	12	P	PEICP3A
7439-98-7	Molybdenum	2.5	ND	1	0.5	50	04/17/15	42514	S17713A3	12	P	PEICP3A
7440-02-0	Nickel	5.0	ND	1	0.5	50	04/17/15	42514	S17713A3	12	P	PEICP3A
7440-09-7	Potassium	500	ND	1	0.5	50	04/17/15	42514	S17713B3	11	P	PEICPRAD3A
7440-22-4	Silver	1.5	ND	1	0.5	50	04/17/15	42514	S17713A3	12	P	PEICP3A
7440-23-5	Sodium	250	ND	1	0.5	50	04/17/15	42514	S17713B3	11	P	PEICPRAD3A
7440-28-0	Thallium	1.5	ND	1	0.5	50	04/17/15	42514	S17713A3	12	P	PEICP3A
7440-32-6	Titanium	10	ND	1	0.5	50	04/17/15	42514	S17713A3	12	P	PEICP3A
7440-62-2	Vanadium	10	ND	1	0.5	50	04/17/15	42514	S17713A3	12	P	PEICP3A
7440-66-6	Zinc	10	ND	1	0.5	50	04/17/15	42514	S17713A3	12	P	PEICP3A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: MB 42513
 Client Id: MB 42513
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L

Lab Name: Veritech
 Lab Code:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	04/21/15	42513	SW42115A	16	MSMS2_7500SWA	
7440-38-2	Arsenic	2.0	ND	1	50	100	04/21/15	42513	SW42115A	16	MSMS2_7500SWA	
7440-41-7	Beryllium	1.0	ND	1	50	100	04/21/15	42513	SW42115A	16	MSMS2_7500SWA	
7440-43-9	Cadmium	2.0	ND	1	50	100	04/21/15	42513	SW42115A	16	MSMS2_7500SWA	
7440-48-4	Cobalt	2.0	ND	1	50	100	04/21/15	42513	SW42115A	16	MSMS2_7500SWA	
7439-92-1	Lead	3.0	ND	1	50	100	04/21/15	42513	SW42115A	16	MSMS2_7500SWA	
7782-49-2	Selenium	10	ND	1	50	100	04/21/15	42513	SW42115A	16	MSMS2_7500SWA	
7440-28-0	Thallium	2.0	ND	1	50	100	04/21/15	42513	SW42115A	16	MSMS2_7500SWA	

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: MB 42515
 Client Id: MB 42515
 Matrix: SOIL
 Level: LOW

% Solid: 0
 Units: MG/KG

Lab Name: Veritech
 Lab Code:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	0.80	ND	1	0.5	100	04/18/15	42515	S041715C	16	MSMS2_7500SWA	
7440-38-2	Arsenic	0.20	ND	1	0.5	100	04/18/15	42515	S041715C	16	MSMS2_7500SWA	
7440-41-7	Beryllium	0.20	ND	1	0.5	100	04/18/15	42515	S041715C	16	MSMS2_7500SWA	
7440-43-9	Cadmium	0.40	ND	1	0.5	100	04/18/15	42515	S041715C	16	MSMS2_7500SWA	
7782-49-2	Selenium	2.0	ND	1	0.5	100	04/18/15	42515	S041715C	16	MSMS2_7500SWA	
7440-22-4	Silver	0.20	ND	1	0.5	100	04/18/15	42515	S041715C	16	MSMS2_7500SWA	
7440-28-0	Thallium	0.40	ND	1	0.5	100	04/18/15	42515	S041715C	16	MSMS2_7500SWA	

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV -ColdVapor
 MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID: MB 42514 (167) % Solid: 0 Lab Name: Veritech
Client Id: MB 42514 (167) Units: MG/KG Lab Code:
Matrix: SOIL
Level: LOW

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7439-97-6	Mercury	0.083	ND	1	0.15	25	04/23/15	42514	H17713S	11	CV	HGCV1A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-001
 Client Id: RC-2 SW MS
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	5200	1	50	50	04/20/15	42513	W17712A2	17	P	PEICP2A
7440-39-3	Barium	50	540	1	50	50	04/20/15	42513	W17712A2	17	P	PEICP2A
7440-70-2	Calcium	5000	66000	1	50	50	04/20/15	42513	W17712A2	17	P	PEICP2A
7440-47-3	Chromium	50	510	1	50	50	04/20/15	42513	W17712A2	17	P	PEICP2A
7440-50-8	Copper	50	520	1	50	50	04/20/15	42513	W17712A2	17	P	PEICP2A
7439-89-6	Iron	300	5400	1	50	50	04/20/15	42513	W17712A2	17	P	PEICP2A
7439-95-4	Magnesium	5000	54000	1	50	50	04/20/15	42513	W17712A2	17	P	PEICP2A
7439-96-5	Manganese	40	1200	1	50	50	04/20/15	42513	W17712A2	17	P	PEICP2A
7439-97-6	Mercury	0.70	10	1	25	25	04/20/15	42513	H17712SW	16	CV	HGCV2A
7440-02-0	Nickel	50	510	1	50	50	04/20/15	42513	W17712A2	17	P	PEICP2A
7440-09-7	Potassium	5000	52000	1	50	50	04/20/15	42513	W17712B2	16	P	PEICPRAD2A
7440-22-4	Silver	20	100	1	50	50	04/20/15	42513	W17712A2	17	P	PEICP2A
7440-23-5	Sodium	5000	75000	1	50	50	04/20/15	42513	W17712B2	16	P	PEICPRAD2A
7440-62-2	Vanadium	50	520	1	50	50	04/20/15	42513	W17712A2	17	P	PEICP2A
7440-66-6	Zinc	50	520	1	50	50	04/20/15	42513	W17712A2	17	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-001
 Client Id: RC-2 SW MS
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	560	1	50	100	04/21/15	42513	SW42115A	22	MSMS2_7500SWA	
7440-38-2	Arsenic	2.0	530	1	50	100	04/21/15	42513	SW42115A	22	MSMS2_7500SWA	
7440-41-7	Beryllium	1.0	560	1	50	100	04/21/15	42513	SW42115A	22	MSMS2_7500SWA	
7440-43-9	Cadmium	2.0	530	1	50	100	04/21/15	42513	SW42115A	22	MSMS2_7500SWA	
7440-48-4	Cobalt	2.0	530	1	50	100	04/21/15	42513	SW42115A	22	MSMS2_7500SWA	
7439-92-1	Lead	3.0	550	1	50	100	04/21/15	42513	SW42115A	22	MSMS2_7500SWA	
7782-49-2	Selenium	10	530	1	50	100	04/21/15	42513	SW42115A	22	MSMS2_7500SWA	
7440-28-0	Thallium	2.0	500	1	50	100	04/21/15	42513	SW42115A	22	MSMS2_7500SWA	

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - Cold Vapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-002
 Client Id: RC-2 SW MSD
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	5100	1	50	50	04/20/15	42513:W17712A2	18	P		PEICP2A
7440-39-3	Barium	50	520	1	50	50	04/20/15	42513:W17712A2	18	P		PEICP2A
7440-70-2	Calcium	5000	63000	1	50	50	04/20/15	42513:W17712A2	18	P		PEICP2A
7440-47-3	Chromium	50	500	1	50	50	04/20/15	42513:W17712A2	18	P		PEICP2A
7440-50-8	Copper	50	510	1	50	50	04/20/15	42513:W17712A2	18	P		PEICP2A
7439-89-6	Iron	300	5300	1	50	50	04/20/15	42513:W17712A2	18	P		PEICP2A
7439-95-4	Magnesium	5000	52000	1	50	50	04/20/15	42513:W17712A2	18	P		PEICP2A
7439-96-5	Manganese	40	1100	1	50	50	04/20/15	42513:W17712A2	18	P		PEICP2A
7439-97-6	Mercury	0.70	10	1	25	25	04/20/15	42513:H17712SW	17	CV		HGCV2A
7440-02-0	Nickel	50	500	1	50	50	04/20/15	42513:W17712A2	18	P		PEICP2A
7440-09-7	Potassium	5000	50000	1	50	50	04/20/15	42513:W17712B2	17	P		PEICPRAD2A
7440-22-4	Silver	20	97	1	50	50	04/20/15	42513:W17712A2	18	P		PEICP2A
7440-23-5	Sodium	5000	71000	1	50	50	04/20/15	42513:W17712B2	17	P		PEICPRAD2A
7440-62-2	Vanadium	50	510	1	50	50	04/20/15	42513:W17712A2	18	P		PEICP2A
7440-66-6	Zinc	50	510	1	50	50	04/20/15	42513:W17712A2	18	P		PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-002
 Client Id: RC-2 SW MSD
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	500	1	50	100	04/21/15	42513 SW42115A		23	MSMS2_7500SWA	
7440-38-2	Arsenic	2.0	480	1	50	100	04/21/15	42513 SW42115A		23	MSMS2_7500SWA	
7440-41-7	Beryllium	1.0	510	1	50	100	04/21/15	42513 SW42115A		23	MSMS2_7500SWA	
7440-43-9	Cadmium	2.0	480	1	50	100	04/21/15	42513 SW42115A		23	MSMS2_7500SWA	
7440-48-4	Cobalt	2.0	470	1	50	100	04/21/15	42513 SW42115A		23	MSMS2_7500SWA	
7439-92-1	Lead	3.0	500	1	50	100	04/21/15	42513 SW42115A		23	MSMS2_7500SWA	
7782-49-2	Selenium	10	480	1	50	100	04/21/15	42513 SW42115A		23	MSMS2_7500SWA	
7440-28-0	Thallium	2.0	460	1	50	100	04/21/15	42513 SW42115A		23	MSMS2_7500SWA	

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-003
 Client Id: SW-5 SW
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	04/20/15	42513	W17712A2	24	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	04/20/15	42513	W17712A2	24	P	PEICP2A
7440-70-2	Calcium	5000	15000	1	50	50	04/20/15	42513	W17712A2	24	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	04/20/15	42513	W17712A2	24	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	04/20/15	42513	W17712A2	24	P	PEICP2A
7439-89-6	Iron	300	460	1	50	50	04/20/15	42513	W17712A2	24	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	04/20/15	42513	W17712A2	24	P	PEICP2A
7439-96-5	Manganese	40	280	1	50	50	04/20/15	42513	W17712A2	24	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	04/20/15	42513	H17712SW	18	CV	HGCV2A
7440-02-0	Nickel	50	ND	1	50	50	04/20/15	42513	W17712A2	24	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	04/20/15	42513	W17712B2	23	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	04/20/15	42513	W17712A2	24	P	PEICP2A
7440-23-5	Sodium	5000	24000	1	50	50	04/20/15	42513	W17712B2	23	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	04/20/15	42513	W17712A2	24	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	04/20/15	42513	W17712A2	24	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-003
 Client Id: SW-5 SW
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	04/21/15	42513	SW42115A	29	MSMS2_7500SWA	
7440-38-2	Arsenic	2.0	ND	1	50	100	04/21/15	42513	SW42115A	29	MSMS2_7500SWA	
7440-41-7	Beryllium	1.0	ND	1	50	100	04/21/15	42513	SW42115A	29	MSMS2_7500SWA	
7440-43-9	Cadmium	2.0	6.9	1	50	100	04/21/15	42513	SW42115A	29	MSMS2_7500SWA	
7440-48-4	Cobalt	2.0	ND	1	50	100	04/21/15	42513	SW42115A	29	MSMS2_7500SWA	
7439-92-1	Lead	3.0	ND	1	50	100	04/21/15	42513	SW42115A	29	MSMS2_7500SWA	
7782-49-2	Selenium	10	ND	1	50	100	04/21/15	42513	SW42115A	29	MSMS2_7500SWA	
7440-28-0	Thallium	2.0	ND	1	50	100	04/21/15	42513	SW42115A	29	MSMS2_7500SWA	

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-004
 Client Id: SW-6 SW
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	04/20/15	42513:W17712A2		25	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	04/20/15	42513:W17712A2		25	P	PEICP2A
7440-70-2	Calcium	5000	21000	1	50	50	04/20/15	42513:W17712A2		25	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	04/20/15	42513:W17712A2		25	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	04/20/15	42513:W17712A2		25	P	PEICP2A
7439-89-6	Iron	300	2000	1	50	50	04/20/15	42513:W17712A2		25	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	04/20/15	42513:W17712A2		25	P	PEICP2A
7439-96-5	Manganese	40	550	1	50	50	04/20/15	42513:W17712A2		25	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	04/20/15	42513H17712SW		19	CV	HGCV2A
7440-02-0	Nickel	50	ND	1	50	50	04/20/15	42513:W17712A2		25	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	04/20/15	42513:W17712B2		24	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	04/20/15	42513:W17712A2		25	P	PEICP2A
7440-23-5	Sodium	5000	28000	1	50	50	04/20/15	42513:W17712B2		24	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	04/20/15	42513:W17712A2		25	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	04/20/15	42513:W17712A2		25	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-004
 Client Id: SW-6 SW
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	04/21/15	42513SW42115A		30	MSMS2_7500SWA	
7440-38-2	Arsenic	2.0	ND	1	50	100	04/21/15	42513SW42115A		30	MSMS2_7500SWA	
7440-41-7	Beryllium	1.0	ND	1	50	100	04/21/15	42513SW42115A		30	MSMS2_7500SWA	
7440-43-9	Cadmium	2.0	ND	1	50	100	04/21/15	42513SW42115A		30	MSMS2_7500SWA	
7440-48-4	Cobalt	2.0	ND	1	50	100	04/21/15	42513SW42115A		30	MSMS2_7500SWA	
7439-92-1	Lead	3.0	ND	1	50	100	04/21/15	42513SW42115A		30	MSMS2_7500SWA	
7782-49-2	Selenium	10	ND	1	50	100	04/21/15	42513SW42115A		30	MSMS2_7500SWA	
7440-28-0	Thallium	2.0	ND	1	50	100	04/21/15	42513SW42115A		30	MSMS2_7500SWA	

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-005
 Client Id: SC-4 SW
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	04/20/15	42513	W17712A2	26	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	04/20/15	42513	W17712A2	26	P	PEICP2A
7440-70-2	Calcium	5000	15000	1	50	50	04/20/15	42513	W17712A2	26	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	04/20/15	42513	W17712A2	26	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	04/20/15	42513	W17712A2	26	P	PEICP2A
7439-89-6	Iron	300	ND	1	50	50	04/20/15	42513	W17712A2	26	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	04/20/15	42513	W17712A2	26	P	PEICP2A
7439-96-5	Manganese	40	640	1	50	50	04/20/15	42513	W17712A2	26	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	04/20/15	42513	H17712SW	22	CV	HGCV2A
7440-02-0	Nickel	50	ND	1	50	50	04/20/15	42513	W17712A2	26	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	04/20/15	42513	W17712B2	25	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	04/20/15	42513	W17712A2	26	P	PEICP2A
7440-23-5	Sodium	5000	23000	1	50	50	04/20/15	42513	W17712B2	25	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	04/20/15	42513	W17712A2	26	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	04/20/15	42513	W17712A2	26	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-005
 Client Id: SC-4 SW
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	04/21/15	42513	SW42115A	31		MSMS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	04/21/15	42513	SW42115A	31		MSMS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	04/21/15	42513	SW42115A	31		MSMS2_7500SWA
7440-43-9	Cadmium	2.0	ND	1	50	100	04/21/15	42513	SW42115A	31		MSMS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	04/21/15	42513	SW42115A	31		MSMS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	04/21/15	42513	SW42115A	31		MSMS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	04/21/15	42513	SW42115A	31		MSMS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	04/21/15	42513	SW42115A	31		MSMS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-006
 Client Id: SED-1
 Matrix: SOIL
 Level: LOW

% Solid: 32
 Units: MG/KG
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	620	2600	1	0.5	50	04/17/15	42514	S17713B3	23	P	PEICPRAD3A
7440-39-3	Barium	31	39	1	0.5	50	04/17/15	42514	S17713A3	24	P	PEICP3A
7440-70-2	Calcium	3100	ND	1	0.5	50	04/17/15	42514	S17713B3	23	P	PEICPRAD3A
7440-47-3	Chromium	16	ND	1	0.5	50	04/17/15	42514	S17713A3	24	P	PEICP3A
7440-48-4	Cobalt	7.8	ND	1	0.5	50	04/17/15	42514	S17713A3	24	P	PEICP3A
7440-50-8	Copper	16	220	1	0.5	50	04/17/15	42514	S17713A3	24	P	PEICP3A
7439-89-6	Iron	620	8600	1	0.5	50	04/17/15	42514	S17713B3	23	P	PEICPRAD3A
7439-92-1	Lead	16	72	1	0.5	50	04/17/15	42514	S17713A3	24	P	PEICP3A
7439-95-4	Magnesium	1600	ND	1	0.5	50	04/17/15	42514	S17713B3	23	P	PEICPRAD3A
7439-96-5	Manganese	31	310	1	0.5	50	04/17/15	42514	S17713A3	24	P	PEICP3A
7439-97-6	Mercury	0.26	ND	1	0.15	25	04/23/15	42514	H17713S	20	CV	HGCV1A
7440-02-0	Nickel	16	ND	1	0.5	50	04/17/15	42514	S17713A3	24	P	PEICP3A
7440-09-7	Potassium	1600	ND	1	0.5	50	04/17/15	42514	S17713B3	23	P	PEICPRAD3A
7440-23-5	Sodium	780	ND	1	0.5	50	04/17/15	42514	S17713B3	23	P	PEICPRAD3A
7440-62-2	Vanadium	31	ND	1	0.5	50	04/17/15	42514	S17713A3	24	P	PEICP3A
7440-66-6	Zinc	31	140	1	0.5	50	04/17/15	42514	S17713A3	24	P	PEICP3A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-006
 Client Id: SED-1
 Matrix: SOIL
 Level: LOW

% Solid: 32
 Units: MG/KG
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	2.5	ND	1	0.5	100	04/18/15	42515	S041715C	29		MSMS2_7500SWA
7440-38-2	Arsenic	0.62	5.6	1	0.5	100	04/18/15	42515	S041715C	29		MSMS2_7500SWA
7440-41-7	Beryllium	0.62	ND	1	0.5	100	04/18/15	42515	S041715C	29		MSMS2_7500SWA
7440-43-9	Cadmium	1.2	26	1	0.5	100	04/18/15	42515	S041715C	29		MSMS2_7500SWA
7782-49-2	Selenium	6.3	ND	1	0.5	100	04/18/15	42515	S041715C	29		MSMS2_7500SWA
7440-22-4	Silver	0.62	ND	1	0.5	100	04/18/15	42515	S041715C	29		MSMS2_7500SWA
7440-28-0	Thallium	1.2	ND	1	0.5	100	04/18/15	42515	S041715C	29		MSMS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-007
 Client Id: SED-2
 Matrix: SOIL
 Level: LOW

% Solid: 25
 Units: MG/KG
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	800	12000	1	1	100	04/17/15	42514	S17713B3	14	P	PEICPRAD3A
7440-39-3	Barium	40	91	1	1	100	04/17/15	42514	S17713A3	15	P	PEICP3A
7440-70-2	Calcium	4000	ND	1	1	100	04/17/15	42514	S17713B3	14	P	PEICPRAD3A
7440-47-3	Chromium	20	49	1	1	100	04/17/15	42514	S17713A3	15	P	PEICP3A
7440-48-4	Cobalt	10	13	1	1	100	04/17/15	42514	S17713A3	15	P	PEICP3A
7440-50-8	Copper	20	130	1	1	100	04/17/15	42514	S17713A3	15	P	PEICP3A
7439-89-6	Iron	800	17000	1	1	100	04/17/15	42514	S17713B3	14	P	PEICPRAD3A
7439-92-1	Lead	20	340	1	1	100	04/17/15	42514	S17713A3	15	P	PEICP3A
7439-95-4	Magnesium	2000	ND	1	1	100	04/17/15	42514	S17713B3	14	P	PEICPRAD3A
7439-96-5	Manganese	40	1900	1	1	100	04/17/15	42514	S17713A3	15	P	PEICP3A
7439-97-6	Mercury	0.33	0.35	1	0.15	25	04/23/15	42514	H17713S	16	CV	HGCV1A
7440-02-0	Nickel	20	ND	1	1	100	04/17/15	42514	S17713A3	15	P	PEICP3A
7440-09-7	Potassium	2000	ND	1	1	100	04/17/15	42514	S17713B3	14	P	PEICPRAD3A
7440-23-5	Sodium	1000	ND	1	1	100	04/17/15	42514	S17713B3	14	P	PEICPRAD3A
7440-62-2	Vanadium	40	ND	1	1	100	04/17/15	42514	S17713A3	15	P	PEICP3A
7440-66-6	Zinc	40	480	1	1	100	04/17/15	42514	S17713A3	15	P	PEICP3A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-007
 Client Id: SED-2
 Matrix: SOIL
 Level: LOW

% Solid: 25
 Units: MG/KG
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.2	ND	1	0.5	100	04/18/15	42515	S041715C	19	MSMS2_7500SWA	
7440-38-2	Arsenic	0.80	15	1	0.5	100	04/18/15	42515	S041715C	19	MSMS2_7500SWA	
7440-41-7	Beryllium	0.80	ND	1	0.5	100	04/18/15	42515	S041715C	19	MSMS2_7500SWA	
7440-43-9	Cadmium	1.6	150	1	0.5	100	04/18/15	42515	S041715C	19	MSMS2_7500SWA	
7782-49-2	Selenium	8.0	ND	1	0.5	100	04/18/15	42515	S041715C	19	MSMS2_7500SWA	
7440-22-4	Silver	0.80	ND	1	0.5	100	04/18/15	42515	S041715C	19	MSMS2_7500SWA	
7440-28-0	Thallium	1.6	ND	1	0.5	100	04/18/15	42515	S041715C	19	MSMS2_7500SWA	

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-008
 Client Id: SED-3
 Matrix: SOIL
 Level: LOW

% Solid: 17
 Units: MG/KG
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File	Seq Num	M	Instr
7429-90-5	Aluminum	1200	6600	1	0.5	50	04/18/15	42514	S17713B3	24	P	PEICPRAD3A
7440-39-3	Barium	59	ND	1	0.5	50	04/17/15	42514	S17713A3	25	P	PEICP3A
7440-70-2	Calcium	5900	ND	1	0.5	50	04/18/15	42514	S17713B3	24	P	PEICPRAD3A
7440-47-3	Chromium	29	ND	1	0.5	50	04/17/15	42514	S17713A3	25	P	PEICP3A
7440-48-4	Cobalt	15	ND	1	0.5	50	04/17/15	42514	S17713A3	25	P	PEICP3A
7440-50-8	Copper	29	70	1	0.5	50	04/17/15	42514	S17713A3	25	P	PEICP3A
7439-89-6	Iron	1200	9200	1	0.5	50	04/18/15	42514	S17713B3	24	P	PEICPRAD3A
7439-92-1	Lead	29	150	1	0.5	50	04/17/15	42514	S17713A3	25	P	PEICP3A
7439-95-4	Magnesium	2900	ND	1	0.5	50	04/18/15	42514	S17713B3	24	P	PEICPRAD3A
7439-96-5	Manganese	59	370	1	0.5	50	04/17/15	42514	S17713A3	25	P	PEICP3A
7439-97-6	Mercury	0.49	ND	1	0.15	25	04/23/15	42514	H17713S	23	CV	HGCV1A
7440-02-0	Nickel	29	ND	1	0.5	50	04/17/15	42514	S17713A3	25	P	PEICP3A
7440-09-7	Potassium	2900	ND	1	0.5	50	04/18/15	42514	S17713B3	24	P	PEICPRAD3A
7440-23-5	Sodium	1500	ND	1	0.5	50	04/18/15	42514	S17713B3	24	P	PEICPRAD3A
7440-62-2	Vanadium	59	ND	1	0.5	50	04/17/15	42514	S17713A3	25	P	PEICP3A
7440-66-6	Zinc	59	250	1	0.5	50	04/17/15	42514	S17713A3	25	P	PEICP3A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - Cold Vapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-008
 Client Id: SED-3
 Matrix: SOIL
 Level: LOW

% Solid: 17
 Units: MG/KG
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	4.7	ND	1	0.5	100	04/18/15	42515	S041715C	30		MSMS2_7500SWA
7440-38-2	Arsenic	1.2	4.2	1	0.5	100	04/18/15	42515	S041715C	30		MSMS2_7500SWA
7440-41-7	Beryllium	1.2	ND	1	0.5	100	04/18/15	42515	S041715C	30		MSMS2_7500SWA
7440-43-9	Cadmium	2.4	64	1	0.5	100	04/18/15	42515	S041715C	30		MSMS2_7500SWA
7782-49-2	Selenium	12	ND	1	0.5	100	04/18/15	42515	S041715C	30		MSMS2_7500SWA
7440-22-4	Silver	1.2	ND	1	0.5	100	04/18/15	42515	S041715C	30		MSMS2_7500SWA
7440-28-0	Thallium	2.4	ND	1	0.5	100	04/18/15	42515	S041715C	30		MSMS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-009
 Client Id: SED-4
 Matrix: SOIL
 Level: LOW

% Solid: 24
 Units: MG/KG
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	830	4800	1	0.5	50	04/18/15	42514	S17713B3	25	P	PEICPRAD3A
7440-39-3	Barium	42	66	1	0.5	50	04/17/15	42514	S17713A3	26	P	PEICP3A
7440-70-2	Calcium	4200	ND	1	0.5	50	04/18/15	42514	S17713B3	25	P	PEICPRAD3A
7440-47-3	Chromium	21	ND	1	0.5	50	04/17/15	42514	S17713A3	26	P	PEICP3A
7440-48-4	Cobalt	10	11	1	0.5	50	04/17/15	42514	S17713A3	26	P	PEICP3A
7440-50-8	Copper	21	54	1	0.5	50	04/17/15	42514	S17713A3	26	P	PEICP3A
7439-89-6	Iron	830	9000	1	0.5	50	04/18/15	42514	S17713B3	25	P	PEICPRAD3A
7439-92-1	Lead	21	110	1	0.5	50	04/17/15	42514	S17713A3	26	P	PEICP3A
7439-95-4	Magnesium	2100	ND	1	0.5	50	04/18/15	42514	S17713B3	25	P	PEICPRAD3A
7439-96-5	Manganese	42	1100	1	0.5	50	04/17/15	42514	S17713A3	26	P	PEICP3A
7439-97-6	Mercury	0.35	ND	1	0.15	25	04/23/15	42514	H17713S	24	CV	HGCV1A
7440-02-0	Nickel	21	ND	1	0.5	50	04/17/15	42514	S17713A3	26	P	PEICP3A
7440-09-7	Potassium	2100	ND	1	0.5	50	04/18/15	42514	S17713B3	25	P	PEICPRAD3A
7440-23-5	Sodium	1000	ND	1	0.5	50	04/18/15	42514	S17713B3	25	P	PEICPRAD3A
7440-62-2	Vanadium	42	ND	1	0.5	50	04/17/15	42514	S17713A3	26	P	PEICP3A
7440-66-6	Zinc	42	250	1	0.5	50	04/17/15	42514	S17713A3	26	P	PEICP3A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-009
 Client Id: SED-4
 Matrix: SOIL
 Level: LOW

% Solid: 24
 Units: MG/KG
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.3	ND	1	0.5	100	04/18/15	42515	S041715C	31		MSVS2_7500SWA
7440-38-2	Arsenic	0.83	4.8	1	0.5	100	04/18/15	42515	S041715C	31		MSVS2_7500SWA
7440-41-7	Beryllium	0.83	ND	1	0.5	100	04/18/15	42515	S041715C	31		MSVS2_7500SWA
7440-43-9	Cadmium	1.7	57	1	0.5	100	04/18/15	42515	S041715C	31		MSVS2_7500SWA
7782-49-2	Selenium	8.3	ND	1	0.5	100	04/18/15	42515	S041715C	31		MSVS2_7500SWA
7440-22-4	Silver	0.83	ND	1	0.5	100	04/18/15	42515	S041715C	31		MSVS2_7500SWA
7440-28-0	Thallium	1.7	ND	1	0.5	100	04/18/15	42515	S041715C	31		MSMS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-010
 Client Id: SED-5
 Matrix: SOIL
 Level: LOW

% Solid: 30
 Units: MG/KG
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File	Seq Num	M	Instr
7429-90-5	Aluminum	670	5300	1	0.5	50	04/18/15	42514	S17713B3	26	P	PEICPRAD3A
7440-39-3	Barium	33	120	1	0.5	50	04/17/15	42514	S17713A3	27	P	PEICP3A
7440-70-2	Calcium	3300	4300	1	0.5	50	04/18/15	42514	S17713B3	26	P	PEICPRAD3A
7440-47-3	Chromium	17	35	1	0.5	50	04/17/15	42514	S17713A3	27	P	PEICP3A
7440-48-4	Cobalt	8.3	13	1	0.5	50	04/17/15	42514	S17713A3	27	P	PEICP3A
7440-50-8	Copper	17	110	1	0.5	50	04/17/15	42514	S17713A3	27	P	PEICP3A
7439-89-6	Iron	670	32000	1	0.5	50	04/18/15	42514	S17713B3	26	P	PEICPRAD3A
7439-92-1	Lead	17	190	1	0.5	50	04/17/15	42514	S17713A3	27	P	PEICP3A
7439-95-4	Magnesium	1700	ND	1	0.5	50	04/18/15	42514	S17713B3	26	P	PEICPRAD3A
7439-96-5	Manganese	33	3500	1	0.5	50	04/17/15	42514	S17713A3	27	P	PEICP3A
7439-97-6	Mercury	0.28	1.2	1	0.15	25	04/23/15	42514	H17713S	25	CV	HGCV1A
7440-02-0	Nickel	17	ND	1	0.5	50	04/17/15	42514	S17713A3	27	P	PEICP3A
7440-09-7	Potassium	1700	ND	1	0.5	50	04/18/15	42514	S17713B3	26	P	PEICPRAD3A
7440-23-5	Sodium	830	ND	1	0.5	50	04/18/15	42514	S17713B3	26	P	PEICPRAD3A
7440-62-2	Vanadium	33	60	1	0.5	50	04/17/15	42514	S17713A3	27	P	PEICP3A
7440-66-6	Zinc	33	360	1	0.5	50	04/17/15	42514	S17713A3	27	P	PEICP3A

Comments:

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-010
 Client Id: SED-5
 Matrix: SOIL
 Level: LOW

% Solid: 30
 Units: MG/KG
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	2.7	ND	1	0.5	100	04/18/15	42515	S041715C	32		MSMS2_7500SWA
7440-38-2	Arsenic	0.67	11	1	0.5	100	04/18/15	42515	S041715C	32		MSMS2_7500SWA
7440-41-7	Beryllium	0.67	ND	1	0.5	100	04/18/15	42515	S041715C	32		MSMS2_7500SWA
7440-43-9	Cadmium	1.3	62	1	0.5	100	04/18/15	42515	S041715C	32		MSMS2_7500SWA
7782-49-2	Selenium	6.7	ND	1	0.5	100	04/18/15	42515	S041715C	32		MSMS2_7500SWA
7440-22-4	Silver	0.67	ND	1	0.5	100	04/18/15	42515	S041715C	32		MSMS2_7500SWA
7440-28-0	Thallium	1.3	ND	1	0.5	100	04/18/15	42515	S041715C	32		MSMS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-011
 Client Id: SED-6
 Matrix: SOIL
 Level: LOW

% Solid: 77
 Units: MG/KG
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	260	810	1	0.5	50	04/18/15	42514	S17713B3	27	P	PEICPRAD3A
7440-39-3	Barium	13	ND	1	0.5	50	04/17/15	42514	S17713A3	28	P	PEICP3A
7440-70-2	Calcium	1300	ND	1	0.5	50	04/18/15	42514	S17713B3	27	P	PEICPRAD3A
7440-47-3	Chromium	6.5	ND	1	0.5	50	04/17/15	42514	S17713A3	28	P	PEICP3A
7440-48-4	Cobalt	3.2	ND	1	0.5	50	04/17/15	42514	S17713A3	28	P	PEICP3A
7440-50-8	Copper	6.5	8.7	1	0.5	50	04/17/15	42514	S17713A3	28	P	PEICP3A
7439-89-6	Iron	260	2600	1	0.5	50	04/18/15	42514	S17713B3	27	P	PEICPRAD3A
7439-92-1	Lead	6.5	7.2	1	0.5	50	04/17/15	42514	S17713A3	28	P	PEICP3A
7439-95-4	Magnesium	650	ND	1	0.5	50	04/18/15	42514	S17713B3	27	P	PEICPRAD3A
7439-96-5	Manganese	13	18	1	0.5	50	04/17/15	42514	S17713A3	28	P	PEICP3A
7439-97-6	Mercury	0.11	ND	1	0.15	25	04/23/15	42514	H17713S	26	CV	HGCV1A
7440-02-0	Nickel	6.5	ND	1	0.5	50	04/17/15	42514	S17713A3	28	P	PEICP3A
7440-09-7	Potassium	650	ND	1	0.5	50	04/18/15	42514	S17713B3	27	P	PEICPRAD3A
7440-23-5	Sodium	320	ND	1	0.5	50	04/18/15	42514	S17713B3	27	P	PEICPRAD3A
7440-62-2	Vanadium	13	ND	1	0.5	50	04/17/15	42514	S17713A3	28	P	PEICP3A
7440-66-6	Zinc	13	32	1	0.5	50	04/17/15	42514	S17713A3	28	P	PEICP3A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-011
 Client Id: SED-6
 Matrix: SOIL
 Level: LOW

% Solid: 77
 Units: MG/KG
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	1.0	ND	1	0.5	100	04/18/15	42515	S041715C	33		MSMS2_7500SWA
7440-38-2	Arsenic	0.26	0.56	1	0.5	100	04/18/15	42515	S041715C	33		MSMS2_7500SWA
7440-41-7	Beryllium	0.26	ND	1	0.5	100	04/18/15	42515	S041715C	33		MSMS2_7500SWA
7440-43-9	Cadmium	0.52	ND	1	0.5	100	04/18/15	42515	S041715C	33		MSMS2_7500SWA
7782-49-2	Selenium	2.6	ND	1	0.5	100	04/18/15	42515	S041715C	33		MSMS2_7500SWA
7440-22-4	Silver	0.26	ND	1	0.5	100	04/18/15	42515	S041715C	33		MSMS2_7500SWA
7440-28-0	Thallium	0.52	ND	1	0.5	100	04/18/15	42515	S041715C	33		MSMS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-012
 Client Id: SW-1
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	04/20/15	42513	W17712A2	27	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	04/20/15	42513	W17712A2	27	P	PEICP2A
7440-70-2	Calcium	5000	15000	1	50	50	04/20/15	42513	W17712A2	27	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	04/20/15	42513	W17712A2	27	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	04/20/15	42513	W17712A2	27	P	PEICP2A
7439-89-6	Iron	300	370	1	50	50	04/20/15	42513	W17712A2	27	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	04/20/15	42513	W17712A2	27	P	PEICP2A
7439-96-5	Manganese	40	760	1	50	50	04/20/15	42513	W17712A2	27	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	04/20/15	42513	H17712SW	23	CV	HGCV2A
7440-02-0	Nickel	50	ND	1	50	50	04/20/15	42513	W17712A2	27	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	04/20/15	42513	W17712B2	26	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	04/20/15	42513	W17712A2	27	P	PEICP2A
7440-23-5	Sodium	5000	24000	1	50	50	04/20/15	42513	W17712B2	26	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	04/20/15	42513	W17712A2	27	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	04/20/15	42513	W17712A2	27	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-012
 Client Id: SW-1
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	04/21/15	42513SW42115A		32	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	04/21/15	42513SW42115A		32	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	04/21/15	42513SW42115A		32	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	3.4	1	50	100	04/21/15	42513SW42115A		32	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	04/21/15	42513SW42115A		32	MS	MS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	04/21/15	42513SW42115A		32	MS	MS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	04/21/15	42513SW42115A		32	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	04/21/15	42513SW42115A		32	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-013
 Client Id: SW-2
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	04/20/15	42513	W17712A2	28	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	04/20/15	42513	W17712A2	28	P	PEICP2A
7440-70-2	Calcium	5000	15000	1	50	50	04/20/15	42513	W17712A2	28	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	04/20/15	42513	W17712A2	28	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	04/20/15	42513	W17712A2	28	P	PEICP2A
7439-89-6	Iron	300	510	1	50	50	04/20/15	42513	W17712A2	28	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	04/20/15	42513	W17712A2	28	P	PEICP2A
7439-96-5	Manganese	40	840	1	50	50	04/20/15	42513	W17712A2	28	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	04/20/15	42513	H17712SW	24	CV	HGCV2A
7440-02-0	Nickel	50	ND	1	50	50	04/20/15	42513	W17712A2	28	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	04/20/15	42513	W17712B2	27	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	04/20/15	42513	W17712A2	28	P	PEICP2A
7440-23-5	Sodium	5000	24000	1	50	50	04/20/15	42513	W17712B2	27	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	04/20/15	42513	W17712A2	28	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	04/20/15	42513	W17712A2	28	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-013
 Client Id: SW-2
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	04/21/15	42513	SW42115A	33		MSMS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	04/21/15	42513	SW42115A	33		MSMS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	04/21/15	42513	SW42115A	33		MSMS2_7500SWA
7440-43-9	Cadmium	2.0	2.8	1	50	100	04/21/15	42513	SW42115A	33		MSMS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	04/21/15	42513	SW42115A	33		MSMS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	04/21/15	42513	SW42115A	33		MSMS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	04/21/15	42513	SW42115A	33		MSMS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	04/21/15	42513	SW42115A	33		MSMS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - Cold Vapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-014
 Client Id: SW-3
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	50	50	04/20/15	42513	W17712A2	29	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	04/20/15	42513	W17712A2	29	P	PEICP2A
7440-70-2	Calcium	5000	15000	1	50	50	04/20/15	42513	W17712A2	29	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	04/20/15	42513	W17712A2	29	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	04/20/15	42513	W17712A2	29	P	PEICP2A
7439-89-6	Iron	300	ND	1	50	50	04/20/15	42513	W17712A2	29	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	04/20/15	42513	W17712A2	29	P	PEICP2A
7439-96-5	Manganese	40	640	1	50	50	04/20/15	42513	W17712A2	29	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	04/20/15	42513	H17712SW	25	CV	HGCV2A
7440-02-0	Nickel	50	ND	1	50	50	04/20/15	42513	W17712A2	29	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	04/20/15	42513	W17712B2	28	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	04/20/15	42513	W17712A2	29	P	PEICP2A
7440-23-5	Sodium	5000	23000	1	50	50	04/20/15	42513	W17712B2	28	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	04/20/15	42513	W17712A2	29	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	04/20/15	42513	W17712A2	29	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-014
 Client Id: SW-3
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	04/21/15	42513SW42115A		34		MSMS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	50	100	04/21/15	42513SW42115A		34		MSMS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	50	100	04/21/15	42513SW42115A		34		MSMS2_7500SWA
7440-43-9	Cadmium	2.0	ND	1	50	100	04/21/15	42513SW42115A		34		MSMS2_7500SWA
7440-48-4	Cobalt	2.0	ND	1	50	100	04/21/15	42513SW42115A		34		MSMS2_7500SWA
7439-92-1	Lead	3.0	ND	1	50	100	04/21/15	42513SW42115A		34		MSMS2_7500SWA
7782-49-2	Selenium	10	ND	1	50	100	04/21/15	42513SW42115A		34		MSMS2_7500SWA
7440-28-0	Thallium	2.0	ND	1	50	100	04/21/15	42513SW42115A		34		MSMS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-015
 Client Id: SW-4
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	ND	1	100	100	04/20/15	42513	W17712A2	15	P	PEICP2A
7440-39-3	Barium	50	ND	1	100	100	04/20/15	42513	W17712A2	15	P	PEICP2A
7440-70-2	Calcium	5000	13000	1	100	100	04/20/15	42513	W17712A2	15	P	PEICP2A
7440-47-3	Chromium	50	ND	1	100	100	04/20/15	42513	W17712A2	15	P	PEICP2A
7440-50-8	Copper	50	ND	1	100	100	04/20/15	42513	W17712A2	15	P	PEICP2A
7439-89-6	Iron	300	390	1	100	100	04/20/15	42513	W17712A2	15	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	100	100	04/20/15	42513	W17712A2	15	P	PEICP2A
7439-96-5	Manganese	40	550	1	100	100	04/20/15	42513	W17712A2	15	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	04/20/15	42513	H17712SW	14	CV	HGCV2A
7440-02-0	Nickel	50	ND	1	100	100	04/20/15	42513	W17712A2	15	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	100	100	04/20/15	42513	W17712B2	14	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	100	100	04/20/15	42513	W17712A2	15	P	PEICP2A
7440-23-5	Sodium	5000	17000	1	100	100	04/20/15	42513	W17712B2	14	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	100	100	04/20/15	42513	W17712A2	15	P	PEICP2A
7440-66-6	Zinc	50	ND	1	100	100	04/20/15	42513	W17712A2	15	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-015
 Client Id: SW-4
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	100	200	04/21/15	42513 SW42115A		19	MS	MS2_7500SWA
7440-38-2	Arsenic	2.0	ND	1	100	200	04/21/15	42513 SW42115A		19	MS	MS2_7500SWA
7440-41-7	Beryllium	1.0	ND	1	100	200	04/21/15	42513 SW42115A		19	MS	MS2_7500SWA
7440-43-9	Cadmium	2.0	ND	1	100	200	04/21/15	42513 SW42115A		19	MS	MS2_7500SWA
7440-48-4	Cobalt	2.0	3.1	1	100	200	04/21/15	42513 SW42115A		19	MS	MS2_7500SWA
7439-92-1	Lead	3.0	ND	1	100	200	04/21/15	42513 SW42115A		19	MS	MS2_7500SWA
7782-49-2	Selenium	10	ND	1	100	200	04/21/15	42513 SW42115A		19	MS	MS2_7500SWA
7440-28-0	Thallium	2.0	2.0	1	100	200	04/21/15	42513 SW42115A		19	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
 P - ICP-AES
 CV - Cold Vapor
 MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID: AC84282-016
Client Id: SC- 1 SED
Matrix: SOIL
Level: LOW

% Solid: 18
Units: MG/KG
Date Rec: 4/13/2015

Lab Name: Veritech
Lab Code:
Contract:

Nras No:
Sdg No:
Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-43-9	Cadmium	2.2	12	1	0.5	100	04/18/15	42515	S041715C	36		MSVS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID: AC84282-017
Client Id: SC- 2 SED
Matrix: SOIL
Level: LOW

% Solid: 67
Units: MG/KG
Date Rec: 4/13/2015

Lab Name: Veritech
Lab Code:
Contract:

Nras No:
Sdg No:
Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-43-9	Cadmium	0.60	0.82	1	0.5	100	04/18/15	42515	S041715C	37	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID: AC84282-018
Client Id: SC- 3 SED
Matrix: SOIL
Level: LOW

% Solid: 39
Units: MG/KG
Date Rec: 4/13/2015

Lab Name: Veritech
Lab Code:
Contract:

Nras No:
Sdg No:
Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-43-9	Cadmium	1.0	ND	1	0.5	100	04/18/15	42515	S041715C	42	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-019
 Client Id: SC- 4 SED
 Matrix: SOIL
 Level: LOW

% Solid: 66
 Units: MG/KG
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	300	600	1	0.5	50	04/18/15	42514	S17713B3	33	P	PEICPRAD3A
7440-39-3	Barium	15	ND	1	0.5	50	04/17/15	42514	S17713A3	34	P	PEICP3A
7440-70-2	Calcium	1500	ND	1	0.5	50	04/18/15	42514	S17713B3	33	P	PEICPRAD3A
7440-47-3	Chromium	7.6	ND	1	0.5	50	04/17/15	42514	S17713A3	34	P	PEICP3A
7440-48-4	Cobalt	3.8	ND	1	0.5	50	04/17/15	42514	S17713A3	34	P	PEICP3A
7440-50-8	Copper	7.6	ND	1	0.5	50	04/17/15	42514	S17713A3	34	P	PEICP3A
7439-89-6	Iron	300	1400	1	0.5	50	04/18/15	42514	S17713B3	33	P	PEICPRAD3A
7439-92-1	Lead	7.6	ND	1	0.5	50	04/17/15	42514	S17713A3	34	P	PEICP3A
7439-95-4	Magnesium	760	ND	1	0.5	50	04/18/15	42514	S17713B3	33	P	PEICPRAD3A
7439-96-5	Manganese	15	61	1	0.5	50	04/17/15	42514	S17713A3	34	P	PEICP3A
7439-97-6	Mercury	0.13	ND	1	0.15	25	04/23/15	42514	H17713S	27	CV	HGCV1A
7440-02-0	Nickel	7.6	ND	1	0.5	50	04/17/15	42514	S17713A3	34	P	PEICP3A
7440-09-7	Potassium	760	ND	1	0.5	50	04/18/15	42514	S17713B3	33	P	PEICPRAD3A
7440-23-5	Sodium	380	ND	1	0.5	50	04/18/15	42514	S17713B3	33	P	PEICPRAD3A
7440-62-2	Vanadium	15	ND	1	0.5	50	04/17/15	42514	S17713A3	34	P	PEICP3A
7440-66-6	Zinc	15	ND	1	0.5	50	04/17/15	42514	S17713A3	34	P	PEICP3A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-019
 Client Id: SC- 4 SED
 Matrix: SOIL
 Level: LOW

% Solid: 66
 Units: MG/KG
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	1.2	ND	1	0.5	100	04/18/15	42515	S041715C	34		MSMS2_7500SWA
7440-38-2	Arsenic	0.30	0.52	1	0.5	100	04/18/15	42515	S041715C	34		MSMS2_7500SWA
7440-41-7	Beryllium	0.30	ND	1	0.5	100	04/18/15	42515	S041715C	34		MSMS2_7500SWA
7440-43-9	Cadmium	0.61	ND	1	0.5	100	04/18/15	42515	S041715C	34		MSMS2_7500SWA
7782-49-2	Selenium	3.0	ND	1	0.5	100	04/18/15	42515	S041715C	34		MSMS2_7500SWA
7440-22-4	Silver	0.30	ND	1	0.5	100	04/18/15	42515	S041715C	34		MSMS2_7500SWA
7440-28-0	Thallium	0.61	ND	1	0.5	100	04/18/15	42515	S041715C	34		MSMS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1
Inorganic Analysis Data Sheet

Sample ID: AC84282-020
Client Id: SC- 5 SED
Matrix: SOIL
Level: LOW

% Solid: 62
Units: MG/KG
Date Rec: 4/13/2015

Lab Name: Veritech
Lab Code:
Contract:

Nras No:
Sdg No:
Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-43-9	Cadmium	0.65	1.4	1	0.5	100	04/18/15	42515	S041715C	43		MSMS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit
P - ICP-AES
CV -ColdVapor
MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-021
 Client Id: FQ-1 SED
 Matrix: SOIL
 Level: LOW

% Solid: 70
 Units: MG/KG
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	290	910	1	0.5	50	04/18/15	42514	S17713B3	34	P	PEICPRAD3A
7440-39-3	Barium	14	ND	1	0.5	50	04/17/15	42514	S17713A3	35	P	PEICP3A
7440-70-2	Calcium	1400	ND	1	0.5	50	04/18/15	42514	S17713B3	34	P	PEICPRAD3A
7440-47-3	Chromium	7.1	ND	1	0.5	50	04/17/15	42514	S17713A3	35	P	PEICP3A
7440-48-4	Cobalt	3.6	ND	1	0.5	50	04/17/15	42514	S17713A3	35	P	PEICP3A
7440-50-8	Copper	7.1	ND	1	0.5	50	04/17/15	42514	S17713A3	35	P	PEICP3A
7439-89-6	Iron	290	2400	1	0.5	50	04/18/15	42514	S17713B3	34	P	PEICPRAD3A
7439-92-1	Lead	7.1	ND	1	0.5	50	04/17/15	42514	S17713A3	35	P	PEICP3A
7439-95-4	Magnesium	710	ND	1	0.5	50	04/18/15	42514	S17713B3	34	P	PEICPRAD3A
7439-96-5	Manganese	14	120	1	0.5	50	04/17/15	42514	S17713A3	35	P	PEICP3A
7439-97-6	Mercury	0.12	ND	1	0.15	25	04/23/15	42514	H17713S	28	CV	HGCV1A
7440-02-0	Nickel	7.1	ND	1	0.5	50	04/17/15	42514	S17713A3	35	P	PEICP3A
7440-09-7	Potassium	710	ND	1	0.5	50	04/18/15	42514	S17713B3	34	P	PEICPRAD3A
7440-23-5	Sodium	360	ND	1	0.5	50	04/18/15	42514	S17713B3	34	P	PEICPRAD3A
7440-62-2	Vanadium	14	17	1	0.5	50	04/17/15	42514	S17713A3	35	P	PEICP3A
7440-66-6	Zinc	14	ND	1	0.5	50	04/17/15	42514	S17713A3	35	P	PEICP3A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-021
 Client Id: FQ-1 SED
 Matrix: SOIL
 Level: LOW

% Solid: 70
 Units: MG/KG
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File	Seq Num	M	Instr
7440-36-0	Antimony	1.1	ND	1	0.5	100	04/18/15	42515	S041715C	35	MS	MS2_7500SWA
7440-38-2	Arsenic	0.29	0.89	1	0.5	100	04/18/15	42515	S041715C	35	MS	MS2_7500SWA
7440-41-7	Beryllium	0.29	ND	1	0.5	100	04/18/15	42515	S041715C	35	MS	MS2_7500SWA
7440-43-9	Cadmium	0.57	0.83	1	0.5	100	04/18/15	42515	S041715C	35	MS	MS2_7500SWA
7782-49-2	Selenium	2.9	ND	1	0.5	100	04/18/15	42515	S041715C	35	MS	MS2_7500SWA
7440-22-4	Silver	0.29	ND	1	0.5	100	04/18/15	42515	S041715C	35	MS	MS2_7500SWA
7440-28-0	Thallium	0.57	ND	1	0.5	100	04/18/15	42515	S041715C	35	MS	MS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-022
 Client Id: FQ-2 SED MS
 Matrix: SOIL
 Level: LOW

% Solid: 21
 Units: MG/KG
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	950	8500	1	0.5	50	04/17/15	42514	S17713B3	16	P	PEICPRAD3A
7440-39-3	Barium	48	260	1	0.5	50	04/17/15	42514	S17713A3	17	P	PEICP3A
7440-70-2	Calcium	4800	27000	1	0.5	50	04/17/15	42514	S17713B3	16	P	PEICPRAD3A
7440-47-3	Chromium	24	240	1	0.5	50	04/17/15	42514	S17713A3	17	P	PEICP3A
7440-48-4	Cobalt	12	240	1	0.5	50	04/17/15	42514	S17713A3	17	P	PEICP3A
7440-50-8	Copper	24	280	1	0.5	50	04/17/15	42514	S17713A3	17	P	PEICP3A
7439-89-6	Iron	950	9400	1	0.5	50	04/17/15	42514	S17713B3	16	P	PEICPRAD3A
7439-92-1	Lead	24	330	1	0.5	50	04/17/15	42514	S17713A3	17	P	PEICP3A
7439-95-4	Magnesium	2400	24000	1	0.5	50	04/17/15	42514	S17713B3	16	P	PEICPRAD3A
7439-96-5	Manganese	48	610	1	0.5	50	04/17/15	42514	S17713A3	17	P	PEICP3A
7439-97-6	Mercury	0.40	6.4	1	0.15	25	04/23/15	42514	H17713S	18	CV	HGCV1A
7440-02-0	Nickel	24	250	1	0.5	50	04/17/15	42514	S17713A3	17	P	PEICP3A
7440-09-7	Potassium	2400	23000	1	0.5	50	04/17/15	42514	S17713B3	16	P	PEICPRAD3A
7440-23-5	Sodium	1200	23000	1	0.5	50	04/17/15	42514	S17713B3	16	P	PEICPRAD3A
7440-62-2	Vanadium	48	250	1	0.5	50	04/17/15	42514	S17713A3	17	P	PEICP3A
7440-66-6	Zinc	48	420	1	0.5	50	04/17/15	42514	S17713A3	17	P	PEICP3A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-022
 Client Id: FQ-2 SED MS
 Matrix: SOIL
 Level: LOW

% Solid: 21
 Units: MG/KG
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	3.8	170	1	0.5	100	04/18/15	42515	S041715C	22		MSMS2_7500SWA
7440-38-2	Arsenic	0.95	230	1	0.5	100	04/18/15	42515	S041715C	22		MSMS2_7500SWA
7440-41-7	Beryllium	0.95	220	1	0.5	100	04/18/15	42515	S041715C	22		MSMS2_7500SWA
7440-43-9	Cadmium	1.9	290	1	0.5	100	04/18/15	42515	S041715C	22		MSMS2_7500SWA
7782-49-2	Selenium	9.5	220	1	0.5	100	04/18/15	42515	S041715C	22		MSMS2_7500SWA
7440-22-4	Silver	0.95	36	1	0.5	100	04/18/15	42515	S041715C	22		MSMS2_7500SWA
7440-28-0	Thallium	1.9	230	1	0.5	100	04/18/15	42515	S041715C	22		MSMS2_7500SWA

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-023
 Client Id: FQ-2 SED MSD
 Matrix: SOIL
 Level: LOW

% Solid: 19
 Units: MG/KG
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	1100	10000	1	0.5	50	04/17/15	42514	S17713B3	17	P	PEICPRAD3A
7440-39-3	Barium	53	290	1	0.5	50	04/17/15	42514	S17713A3	18	P	PEICP3A
7440-70-2	Calcium	5300	29000	1	0.5	50	04/17/15	42514	S17713B3	17	P	PEICPRAD3A
7440-47-3	Chromium	26	270	1	0.5	50	04/17/15	42514	S17713A3	18	P	PEICP3A
7440-48-4	Cobalt	13	260	1	0.5	50	04/17/15	42514	S17713A3	18	P	PEICP3A
7440-50-8	Copper	26	310	1	0.5	50	04/17/15	42514	S17713A3	18	P	PEICP3A
7439-89-6	Iron	1100	11000	1	0.5	50	04/17/15	42514	S17713B3	17	P	PEICPRAD3A
7439-92-1	Lead	26	380	1	0.5	50	04/17/15	42514	S17713A3	18	P	PEICP3A
7439-95-4	Magnesium	2600	27000	1	0.5	50	04/17/15	42514	S17713B3	17	P	PEICPRAD3A
7439-96-5	Manganese	53	640	1	0.5	50	04/17/15	42514	S17713A3	18	P	PEICP3A
7439-97-6	Mercury	0.44	8.1	1	0.15	25	04/23/15	42514	H17713S	19	CV	HGCV1A
7440-02-0	Nickel	26	270	1	0.5	50	04/17/15	42514	S17713A3	18	P	PEICP3A
7440-09-7	Potassium	2600	25000	1	0.5	50	04/17/15	42514	S17713B3	17	P	PEICPRAD3A
7440-23-5	Sodium	1300	25000	1	0.5	50	04/17/15	42514	S17713B3	17	P	PEICPRAD3A
7440-62-2	Vanadium	53	280	1	0.5	50	04/17/15	42514	S17713A3	18	P	PEICP3A
7440-66-6	Zinc	53	480	1	0.5	50	04/17/15	42514	S17713A3	18	P	PEICP3A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-023
 Client Id: FQ-2 SED MSD
 Matrix: SOIL
 Level: LOW

% Solid: 19
 Units: MG/KG
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7440-36-0	Antimony	4.2	170	1	0.5	100	04/18/15	42515	S041715C	23	MSMS2_7500SWA	
7440-38-2	Arsenic	1.1	270	1	0.5	100	04/18/15	42515	S041715C	23	MSMS2_7500SWA	
7440-41-7	Beryllium	1.1	250	1	0.5	100	04/18/15	42515	S041715C	23	MSMS2_7500SWA	
7440-43-9	Cadmium	2.1	360	1	0.5	100	04/18/15	42515	S041715C	23	MSMS2_7500SWA	
7782-49-2	Selenium	11	250	1	0.5	100	04/18/15	42515	S041715C	23	MSMS2_7500SWA	
7440-22-4	Silver	1.1	41	1	0.5	100	04/18/15	42515	S041715C	23	MSMS2_7500SWA	
7440-28-0	Thallium	2.1	260	1	0.5	100	04/18/15	42515	S041715C	23	MSMS2_7500SWA	

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV -ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-024
 Client Id: RC-1 SW
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File:	Seq Num	M	Instr
7429-90-5	Aluminum	200	320	1	50	50	04/20/15	42513:W17712A2		30	P	PEICP2A
7440-39-3	Barium	50	ND	1	50	50	04/20/15	42513:W17712A2		30	P	PEICP2A
7440-70-2	Calcium	5000	13000	1	50	50	04/20/15	42513:W17712A2		30	P	PEICP2A
7440-47-3	Chromium	50	ND	1	50	50	04/20/15	42513:W17712A2		30	P	PEICP2A
7440-50-8	Copper	50	ND	1	50	50	04/20/15	42513:W17712A2		30	P	PEICP2A
7439-89-6	Iron	300	600	1	50	50	04/20/15	42513:W17712A2		30	P	PEICP2A
7439-95-4	Magnesium	5000	ND	1	50	50	04/20/15	42513:W17712A2		30	P	PEICP2A
7439-96-5	Manganese	40	700	1	50	50	04/20/15	42513:W17712A2		30	P	PEICP2A
7439-97-6	Mercury	0.70	ND	1	25	25	04/20/15	42513:H17712SW		26	CV	HGCV2A
7440-02-0	Nickel	50	ND	1	50	50	04/20/15	42513:W17712A2		30	P	PEICP2A
7440-09-7	Potassium	5000	ND	1	50	50	04/20/15	42513:W17712B2		29	P	PEICPRAD2A
7440-22-4	Silver	20	ND	1	50	50	04/20/15	42513:W17712A2		30	P	PEICP2A
7440-23-5	Sodium	5000	18000	1	50	50	04/20/15	42513:W17712B2		29	P	PEICPRAD2A
7440-62-2	Vanadium	50	ND	1	50	50	04/20/15	42513:W17712A2		30	P	PEICP2A
7440-66-6	Zinc	50	ND	1	50	50	04/20/15	42513:W17712A2		30	P	PEICP2A

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - ColdVapor

MS - ICP-MS

Form1

Inorganic Analysis Data Sheet

Sample ID: AC84282-024
 Client Id: RC-1 SW
 Matrix: AQUEOUS
 Level: LOW

% Solid: 0
 Units: UG/L
 Date Rec: 4/13/2015

Lab Name: Veritech
 Lab Code:
 Contract:

Nras No:
 Sdg No:
 Case No:

Cas No.	Analyte	RL	Conc	Dil Fact	Initial Wt/Vol	Final Wt/Vol	Analysis Date	Prep Batch	File	Seq Num	M	Instr
7440-36-0	Antimony	3.0	ND	1	50	100	04/21/15	42513SW42115A		35	MSMS2_7500SWA	
7440-38-2	Arsenic	2.0	ND	1	50	100	04/21/15	42513SW42115A		35	MSMS2_7500SWA	
7440-41-7	Beryllium	1.0	ND	1	50	100	04/21/15	42513SW42115A		35	MSMS2_7500SWA	
7440-43-9	Cadmium	2.0	ND	1	50	100	04/21/15	42513SW42115A		35	MSMS2_7500SWA	
7440-48-4	Cobalt	2.0	3.9	1	50	100	04/21/15	42513SW42115A		35	MSMS2_7500SWA	
7439-92-1	Lead	3.0	3.2	1	50	100	04/21/15	42513SW42115A		35	MSMS2_7500SWA	
7782-49-2	Selenium	10	ND	1	50	100	04/21/15	42513SW42115A		35	MSMS2_7500SWA	
7440-28-0	Thallium	2.0	ND	1	50	100	04/21/15	42513SW42115A		35	MSMS2_7500SWA	

Comments: _____

Flag Codes:

U or ND - Indicates Compound was not found above the detection/reporting limit

P - ICP-AES

CV - ColdVapor

MS - ICP-MS

FORM 3 (ICB/CCB/MB Summary)

Date Analyzed: 04/17/15

Data File: S17713B3

Prep Batch: 42514

Reporting Limits Used: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A

Instrument: PEICPRAD3A

Units: All units in ppm except Hg and icp-ms in ppb

Project Number: 5041306

Lab Name: Veritech

Lab Code:

Contract:

Nras No:

Sdg No:

Case No:

Analyte	ICB V-208329- 8	CCB V-208329- 21	CCB V-208329- 32	CCB V-208329- 41	MB 42514 (100)-11
Aluminum	2 U	2 U	2 U	2 U	200 U
Calcium	10 U	10 U	10 U	10 U	1000 U
Iron	2 U	2 U	2 U	2 U	200 U
Magnesium	5 U	5 U	5 U	5 U	500 U
Potassium	5 U	5 U	5 U	5 U	500 U
Sodium	2.5 U	2.5 U	2.5 U	2.5 U	250 U

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

FORM 3

(ICB/CCB/MB Summary)

Date Analyzed: 04/17/15
 Data File: S17713A3
 Prep Batch: 42514
 Reporting Limits Used: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A
 Instrument: PEICP3A
 Units: All units in ppm except Hg and icp-ms in ppb
 Project Number: 5041306

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:

Analyte	ICB V-208329-9	CCB V-208329-22	CCB V-208329-33	CCB V-208329-43	MB 42514 (100)-12
Barium	.1 U	.1 U	.1 U	.1 U	10 U
Chromium	.05 U	.05 U	.05 U	.05 U	5 U
Cobalt	.025 U	.025 U	.025 U	.025 U	2.5 U
Copper	.05 U	.05 U	.05 U	.05 U	5 U
Lead	.05 U	.05 U	.05 U	.05 U	5 U
Manganese	.1 U	.1 U	.1 U	.1 U	10 U
Nickel	.05 U	.05 U	.05 U	.05 U	5 U
Vanadium	.1 U	.1 U	.1 U	.1 U	10 U
Zinc	.1 U	.1 U	.1 U	.1 U	10 U

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
 u-indicates result below reporting limit

FORM 3

(ICB/CCB/MB Summary)

Date Analyzed: 04/18/15
 Data File: S041715C
 Prep Batch: 42515
 Reporting Limits Used: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A
 Instrument: MS2_7500SWA
 Units: All units in ppm except Hg and icp-ms in ppb
 Project Number: 5041306

Lab Name: Veritech
 Lab Code:
 Contract:
 Nras No:
 Sdg No:
 Case No:

Analyte	ICB V-208141- 10	CCB V-208141- 15	CCB V-208141- 28	CCB V-208141- 41	CCB V-208141- 50	MB 42515-16
Antimony	4 U	4 U	4 U	4 U	4 U	800 U
Arsenic	1 U	1 U	1 U	1 U	1 U	200 U
Beryllium	1 U	1 U	1 U	1 U	1 U	200 U
Cadmium	2 U	2 U	2 U	2 U	2 U	400 U
Selenium	10 U	10 U	10 U	10 U	10 U	2000 U
Silver	1 U	1 U	1 U	1 U	1 U	200 U
Thallium	2 U	2 U	2 U	2 U	2 U	400 U

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
 u-indicates result below reporting limit

FORM 3 (ICB/CCB/MB Summary)

Date Analyzed: 04/20/15

Data File: SW17712A2

Prep Batch: 42513

Reporting Limits Used: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A

Instrument: PEICP2A

Units: All units in ppm except Hg and icp-ms in ppb

Project Number: 5041306

Lab Name: Veritech

Lab Code:

Contract:

Nras No:

Sdg No:

Case No:

Analyte	ICB V-208329- 9	CCB-22	CCB-35	MB 42513 (1)- 12
Aluminum	.2 U	.2 U	.2 U	.2 U
Barium	.05 U	.05 U	.05 U	.05 U
Calcium	5 U	5 U	5 U	5 U
Chromium	.05 U	.05 U	.05 U	.05 U
Copper	.05 U	.05 U	.05 U	.05 U
Iron	.3 U	.3 U	.3 U	.3 U
Magnesium	5 U	5 U	5 U	5 U
Manganese	.04 U	.04 U	.04 U	.04 U
Nickel	.05 U	.05 U	.05 U	.05 U
Silver	.02 U	.02 U	.02 U	.02 U
Vanadium	.05 U	.05 U	.05 U	.05 U
Zinc	.05 U	.05 U	.05 U	.05 U

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 04/20/15

Data File: SW17712B2

Prep Batch: 42513

Reporting Limits Used: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A

Instrument: PEICPRAD2A

Units: All units in ppm except Hg and icp-ms in ppb

Project Number: 5041306

Lab Name: Veritech

Lab Code:

Contract:

Nras No:

Sdg No:

Case No:

Analyte	ICB V-208329- 8	CCB-21	CCB-34	MB 42513 (1)- 11
Potassium	5 U	5 U	5 U	5 U
Sodium	5 U	5 U	5 U	5 U

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

FORM 3 (ICB/CCB/MB Summary)

Date Analyzed: 04/21/15

Data File: SW42115A

Prep Batch: 42513

Reporting Limits Used: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A

Instrument: MS2_7500SWA

Units: All units in ppm except Hg and icp-ms in ppb

Project Number: 5041306

Lab Name: Veritech

Lab Code:

Contract:

Nras No:

Sdg No:

Case No:

Analyte	ICB V-208914-10	CCB V-208914-15	CCB V-208914-28	CCB V-208914-41	CCB V-208914-45	MB 42513-16
Antimony	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	3U
Arsenic	1 U	1 U	1 U	1 U	1 U	2U
Beryllium	.5 U	.5 U	.5 U	.5 U	.5 U	1U
Cadmium	1 U	1 U	1 U	1 U	1 U	2U
Cobalt	1 U	1 U	1 U	1 U	1 U	2U
Lead	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	3U
Selenium	5 U	5 U	5 U	5 U	5 U	10U
Thallium	1 U	1 U	1 U	1 U	1 U	2U

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

FORM 3
(ICB/CCB/MB Summary)

Date Analyzed: 04/20/15
Data File: H17712SW
Prep Batch: 42513
Reporting Limits Used: 6010B/6010C/7470A,7471A/7471B(Hg),6020/6020A
Instrument: HGCV2A
Units: All units in ppm except Hg and icp-ms in ppb
Project Number: 5041306

Lab Name: Veritech
Lab Code:
Contract:
Nras No:
Sdg No:
Case No:

Analyte	ICB-10	CCB-21	CCB-29	MB 42513 (1)- 11
Mercury	.7 U	.7 U	.7 U	.7 U

Notes: a-indicates absolute value of result found above the reporting limits in CCB/ICB or result found above reporting limit in the MB
u-indicates result below reporting limit

FORM5/FORM7
SPIKE RECOVERY DATA
PREP BATCH: 42513

5041306 0098

Instrument Type: ICP/HG

Analytical Method(s):6010/200.7/7470A/7471A/245.1

ICP units in ppm, ICPMS and Hg in ppb

TxtQcType: LCS		Matrix: AQUEOUS		SampleID: LCSW 42513						
Analyte	Batchld	DF	Data Fil	Seq#:	Spk Conc:	Spk Adde	Recov	Qual	Lo Lim	Hi Lim
Aluminum	42513	1	SW17712	13	5.0227	5.000	100		80	120
Barium	42513	1	SW17712	13	0.5019	0.500	100		80	120
Calcium	42513	1	SW17712	13	49.9389	50.00	100		80	120
Chromium	42513	1	SW17712	13	0.5016	0.500	100		80	120
Copper	42513	1	SW17712	13	0.5064	0.500	101		80	120
Iron	42513	1	SW17712	13	5.0247	5.000	100		80	120
Magnesium	42513	1	SW17712	13	49.8862	50.00	100		80	120
Manganese	42513	1	SW17712	13	0.4943	0.500	99		80	120
Mercury	42513	1	H17712S	12	10.5000	10	105		80	120
Nickel	42513	1	SW17712	13	0.5015	0.500	100		80	120
Potassium	42513	1	SW17712	12	49.2251	50	98		80	120
Silver	42513	1	SW17712	13	0.0970	0.100	97		80	120
Sodium	42513	1	SW17712	12	49.6419	50	99		80	120
Vanadium	42513	1	SW17712	13	0.5029	0.500	101		80	120
Zinc	42513	1	SW17712	13	0.5027	0.500	101		80	120

TxtQcType: LCSMR		Matrix: AQUEOUS		SampleID: LCSW MR 42513						
Analyte	Batchld	DF	Data Fil	Seq#:	Spk Conc:	Spk Adde	Recov	Qual	Lo Lim	Hi Lim
Aluminum	42513	1	SW17712	14	4.9959	5.000	100		80	120
Barium	42513	1	SW17712	14	0.4994	0.500	100		80	120
Calcium	42513	1	SW17712	14	49.8023	50.00	100		80	120
Chromium	42513	1	SW17712	14	0.4995	0.500	100		80	120
Copper	42513	1	SW17712	14	0.5009	0.500	100		80	120
Iron	42513	1	SW17712	14	5.0113	5.000	100		80	120
Magnesium	42513	1	SW17712	14	49.9786	50.00	100		80	120
Manganese	42513	1	SW17712	14	0.4941	0.500	99		80	120
Mercury	42513	1	H17712S	13	10.5400	10	105		80	120
Nickel	42513	1	SW17712	14	0.5026	0.500	101		80	120
Potassium	42513	1	SW17712	13	48.1224	50	96		80	120
Silver	42513	1	SW17712	14	0.0967	0.100	97		80	120
Sodium	42513	1	SW17712	13	48.8031	50	98		80	120
Vanadium	42513	1	SW17712	14	0.5005	0.500	100		80	120
Zinc	42513	1	SW17712	14	0.5037	0.500	101		80	120

TxtQcType: MS		Matrix: AQUEOUS		SampleID: AC84282-001									
Analyte	BatchId	DF	Data Fil	Seq#:	NS Data Fil	Seq#	Spk Conc:	NS Conc:	Spk Adde	Recov	Qual	Lo Lim	Hi Lim
Aluminum	42513	1	SW17712	17	SW17712	15	5.1734	0.2U	5.00	103		75	125
Barium	42513	1	SW17712	17	SW17712	15	0.5355	0.05U	0.50	107		75	125
Calcium	42513	1	SW17712	17	SW17712	15	65.7803	13.3880	50.0	105		75	125
Chromium	42513	1	SW17712	17	SW17712	15	0.5122	0.05U	0.50	102		75	125
Copper	42513	1	SW17712	17	SW17712	15	0.5207	0.05U	0.50	104		75	125
Iron	42513	1	SW17712	17	SW17712	15	5.4283	0.3910	5.00	101		75	125
Magnesium	42513	1	SW17712	17	SW17712	15	54.1234	5U	50.0	108		75	125
Manganese	42513	1	SW17712	17	SW17712	15	1.1957	0.5487	0.50	129	a	75	125
Mercury	42513	1	H17712S	16	H17712S	14	10.3000	.70U	10	103		75	125
Nickel	42513	1	SW17712	17	SW17712	15	0.5131	0.05U	0.50	103		75	125
Potassium	42513	1	SW17712	16	SW17712	14	51.6449	5U	50.00	103		75	125
Silver	42513	1	SW17712	17	SW17712	15	0.0996	0.02U	.100	100		75	125
Sodium	42513	1	SW17712	16	SW17712	14	74.7823	16.9133	50.00	116		75	125
Vanadium	42513	1	SW17712	17	SW17712	15	0.5175	0.05U	0.50	103		75	125
Zinc	42513	1	SW17712	17	SW17712	15	0.5210	0.05U	0.50	104		75	125

a-Indicates Recovery Failed the criteria

b-Indicates Recovery Failed the criteria but non spike concentration >4*spike amount

FORM5/FORM7
SPIKE RECOVERY DATA
 PREP BATCH: 42514

5041306 0099

Instrument Type: ICP/HG

Analytical Method(s):6010/200.7/7470A/7471A/245.1

ICP units in ppm, ICPMS and Hg in ppb

TxtQcType: LCSMR		Matrix: SOIL		SampleID: LCS MR 42514						
Analyte	Batchld	DF	Data Fil	Seq#:	Spk Conc:	Spk Adde	Recov	Qual	Lo Lim	Hi Lim
Aluminum	42514	1	S17713B3	13	65.7026	74.6	88		47	153
Barium	42514	1	S17713A3	14	1.8939	2.03	93		83	118
Calcium	42514	1	S17713B3	13	60.9493	60.4	101		81	119
Chromium	42514	1	S17713A3	14	1.2590	1.36	93		79	121
Cobalt	42514	1	S17713A3	14	1.3748	1.48	93		83	117
Copper	42514	1	S17713A3	14	1.6559	1.68	99		82	118
Iron	42514	1	S17713B3	13	147.0490	141	104		43	157
Lead	42514	1	S17713A3	14	1.2603	1.33	95		82	119
Magnesium	42514	1	S17713B3	13	26.7960	28.0	96		75	125
Manganese	42514	1	S17713A3	14	2.7655	2.97	93		80	119
Mercury	42514	5	H17713S	15	14.0929	77.25	91		72.9	127
Nickel	42514	1	S17713A3	14	1.1804	1.23	96		82	119
Potassium	42514	1	S17713B3	13	24.5051	25.4	96		69	131
Sodium	42514	1	S17713B3	13	7.3656	7.61	97		70	130
Vanadium	42514	1	S17713A3	14	0.9974	1.07	93		77	123
Zinc	42514	1	S17713A3	14	1.8101	1.89	96		81	119

TxtQcType: LCS		Matrix: SOIL		SampleID: LCS 42514						
Analyte	BatchId	DF	Data Fil	Seq#:	Spk Conc:	Spk Adde	Recov	Qual	Lo Lim	Hi Lim
Aluminum	42514	1	S17713B3	12	65.6533	74.6	88		47	153
Barium	42514	1	S17713A3	13	1.9094	2.03	94		83	118
Calcium	42514	1	S17713B3	12	61.0921	60.4	101		81	119
Chromium	42514	1	S17713A3	13	1.2758	1.36	94		79	121
Cobalt	42514	1	S17713A3	13	1.3704	1.48	93		83	117
Copper	42514	1	S17713A3	13	1.6342	1.68	97		82	118
Iron	42514	1	S17713B3	12	151.5770	141	108		43	157
Lead	42514	1	S17713A3	13	1.2760	1.33	96		82	119
Magnesium	42514	1	S17713B3	12	26.7143	28.0	95		75	125
Manganese	42514	1	S17713A3	13	2.7680	2.97	93		80	119
Mercury	42514	5	H17713S	14	15.7222	77.25	102		72.9	127
Nickel	42514	1	S17713A3	13	1.1746	1.23	95		82	119
Potassium	42514	1	S17713B3	12	24.2577	25.4	96		69	131
Sodium	42514	1	S17713B3	12	7.2046	7.61	95		70	130
Vanadium	42514	1	S17713A3	13	1.0034	1.07	94		77	123
Zinc	42514	1	S17713A3	13	1.7831	1.89	94		81	119

TxtQcType: MSD		Matrix: SOIL		SampleID: AC84282-023									
Analyte	BatchId	DF	Data Fil	Seq#:	NS Data Fil	Seq#	Spk Conc:	NS Conc:	Spk Adde	Recov	Qual	Lo Lim	Hi Lim
Aluminum	42514	1	S17713B3	17	S17713B3	14	19.7858	28.8150	5.0	-180	b	75	125
Barium	42514	1	S17713A3	18	S17713A3	15	0.5447	0.2266	0.5	64	a	75	125
Calcium	42514	1	S17713B3	17	S17713B3	14	55.8931	10U	50	112		75	125
Chromium	42514	1	S17713A3	18	S17713A3	15	0.5152	0.1221	0.5	79		75	125
Cobalt	42514	1	S17713A3	18	S17713A3	15	0.4858	0.0316	0.5	91		75	125
Copper	42514	1	S17713A3	18	S17713A3	15	0.5972	0.3152	0.5	56	a	75	125
Iron	42514	1	S17713B3	17	S17713B3	14	20.0158	42.2240	5.0	-440	b	75	125
Lead	42514	1	S17713A3	18	S17713A3	15	0.7235	0.8489	0.5	-25	a	75	125
Magnesium	42514	1	S17713B3	17	S17713B3	14	50.9867	5U	50	102		75	125
Manganese	42514	1	S17713A3	18	S17713A3	15	1.2094	4.6872	0.5	-700	b	75	125
Mercury	42514	1	H17713S	19	H17713S	16	9.2515	0.5229	10	87		75	125
Nickel	42514	1	S17713A3	18	S17713A3	15	0.5155	0.05U	0.5	103		75	125
Potassium	42514	1	S17713B3	17	S17713B3	14	48.3922	5U	50	97		75	125
Sodium	42514	1	S17713B3	17	S17713B3	14	48.3171	2.5U	50	97		75	125
Vanadium	42514	1	S17713A3	18	S17713A3	15	0.5315	0.1U	0.5	106		75	125
Zinc	42514	1	S17713A3	18	S17713A3	15	0.9213	1.1933	0.5	-54	a	75	125

a-Indicates Recovery Failed the criteria

b-Indicates Recovery Failed the criteria but non spike concentration >4*spike amount

FORM5/FORM7
SPIKE RECOVERY DATA
 PREP BATCH: 42514

5041306 0100

Instrument Type: ICP/HG

Analytical Method(s):6010/200.7/7470A/7471A/245.1

ICP units in ppm, ICPMS and Hg in ppb

TxtQcType: MS		Matrix: SOIL		SampleID: AC84282-022									
Analyte	BatchId	DF	Data Fil	Seq#	NS Data Fil	Seq#	Spk Conc:	NS Conc:	Spk Adde	Recov	Qual	Lo Lim	Hi Lim
Aluminum	42514	1	S17713B3	16	S17713B3	14	17.8504	28.8150	5.0	-220	b	75	125
Barium	42514	1	S17713A3	17	S17713A3	15	0.5424	0.2266	0.5	63	a	75	125
Calcium	42514	1	S17713B3	16	S17713B3	14	55.9404	10U	50	112		75	125
Chromium	42514	1	S17713A3	17	S17713A3	15	0.5102	0.1221	0.5	78		75	125
Cobalt	42514	1	S17713A3	17	S17713A3	15	0.4949	0.0316	0.5	93		75	125
Copper	42514	1	S17713A3	17	S17713A3	15	0.5831	0.3152	0.5	54	a	75	125
Iron	42514	1	S17713B3	16	S17713B3	14	19.8003	42.2240	5.0	-450	b	75	125
Lead	42514	1	S17713A3	17	S17713A3	15	0.6975	0.8489	0.5	-30	a	75	125
Magnesium	42514	1	S17713B3	16	S17713B3	14	51.1976	5U	50	102		75	125
Manganese	42514	1	S17713A3	17	S17713A3	15	1.2845	4.6872	0.5	-680	b	75	125
Mercury	42514	1	H17713S	18	H17713S	16	8.0181	0.5229	10	75		75	125
Nickel	42514	1	S17713A3	17	S17713A3	15	0.5219	0.05U	0.5	104		75	125
Potassium	42514	1	S17713B3	16	S17713B3	14	49.0836	5U	50	98		75	125
Sodium	42514	1	S17713B3	16	S17713B3	14	48.9517	2.5U	50	98		75	125
Vanadium	42514	1	S17713A3	17	S17713A3	15	0.5306	0.1U	0.5	106		75	125
Zinc	42514	1	S17713A3	17	S17713A3	15	0.8903	1.1933	0.5	-61	a	75	125

a-Indicates Recovery Failed the criteria

b-Indicates Recovery Failed the criteria but non spike concentration >4*spike amount

FORM5/FORM7
SPIKE RECOVERY DATA
 PREP BATCH: 42515

5041306 0101

Instrument Type: ICPMS

Analytical Method(s): 6020/200.8

ICP units in ppm, ICPMS and Hg in ppb

TxtQcType: LCSMR		Matrix: SOIL		SampleID: LCS MR 42515							
Analyte	BatchId	DF	Data Fil	Seq#:	Spk Conc:	Spk Adde	Recov	Qual	Lo Lim	Hi Lim	
Antimony	42515	1	S041715C	18	34.4000	88.8	39		0.023	209	
Arsenic	42515	1	S041715C	18	150.5000	139	108		78	122	
Beryllium	42515	1	S041715C	18	93.9600	96.1	98		83	118	
Cadmium	42515	1	S041715C	18	103.2000	96	108		82	118	
Selenium	42515	1	S041715C	18	186.1000	177	105		77	123	
Silver	42515	1	S041715C	18	44.2500	40.2	110		75	125	
Thallium	42515	1	S041715C	18	151.1000	138	109		78	122	

TxtQcType: LCS		Matrix: SOIL		SampleID: LCS 42515							
Analyte	BatchId	DF	Data Fil	Seq#:	Spk Conc:	Spk Adde	Recov	Qual	Lo Lim	Hi Lim	
Antimony	42515	1	S041715C	17	36.4100	88.8	41		0.023	209	
Arsenic	42515	1	S041715C	17	158.1000	139	114		78	122	
Beryllium	42515	1	S041715C	17	101.1000	96.1	105		83	118	
Cadmium	42515	1	S041715C	17	104.6000	96	109		82	118	
Selenium	42515	1	S041715C	17	192.3000	177	109		77	123	
Silver	42515	1	S041715C	17	47.8400	40.2	119		75	125	
Thallium	42515	1	S041715C	17	152.9000	138	111		78	122	

TxtQcType: MSD		Matrix: SOIL		SampleID: AC84282-023									
Analyte	BatchId	DF	Data Fil	Seq#:	NS Data Fil	Seq#	Spk Conc:	NS Conc:	Spk Adde	Recov	Qual	Lo Lim	Hi Lim
Antimony	42515	1	S041715C	23	S041715C	19	161.0000	4U	250	64	a	75	125
Arsenic	42515	1	S041715C	23	S041715C	19	257.3000	18.3500	250	96		75	125
Beryllium	42515	1	S041715C	23	S041715C	19	234.1000	1U	250	94		75	125
Cadmium	42515	1	S041715C	23	S041715C	19	338.5000	185.3000	250	61	a	75	125
Selenium	42515	1	S041715C	23	S041715C	19	241.5000	10U	250	97		75	125
Silver	42515	1	S041715C	23	S041715C	19	39.1300	1U	50	78		75	125
Thallium	42515	1	S041715C	23	S041715C	19	245.6000	2U	250	98		75	125

TxtQcType: MS		Matrix: SOIL		SampleID: AC84282-022									
Analyte	BatchId	DF	Data Fil	Seq#:	NS Data Fil	Seq#	Spk Conc:	NS Conc:	Spk Adde	Recov	Qual	Lo Lim	Hi Lim
Antimony	42515	1	S041715C	22	S041715C	19	182.3000	4U	250	73	a	75	125
Arsenic	42515	1	S041715C	22	S041715C	19	245.5000	18.3500	250	91		75	125
Beryllium	42515	1	S041715C	22	S041715C	19	226.1000	1U	250	90		75	125
Cadmium	42515	1	S041715C	22	S041715C	19	308.7000	185.3000	250	49	a	75	125
Selenium	42515	1	S041715C	22	S041715C	19	230.2000	10U	250	92		75	125
Silver	42515	1	S041715C	22	S041715C	19	37.7000	1U	50	75		75	125
Thallium	42515	1	S041715C	22	S041715C	19	237.0000	2U	250	95		75	125

a-Indicates Recovery Failed the criteria

b-Indicates Recovery Failed the criteria but non spike concentration >4*spike amount

FORM6/FORM9
RPD/%Difference Data
 PREP BATCH: 42513

5041306 0102

Instrument Type: ICP/HG

Analytical Method(s):6010/200.7/7470A/7471A/245.1

ICP units in ppm, ICPMS and Hg in ppb

TxtQcType: SD		Matrix: AQUEOUS		SampleID: AC84282-015						
Analyte	BatchId	Data Fil	Seq#:	NS File	Seq#	DF	Result 1	Result 2	%Diff	Limit
Aluminum	42513	SW17712	23	SW17712	15	5	0.0323	0.1659	2.5	10
Barium	42513	SW17712	23	SW17712	15	5	0.0047	0.0208	13 a	10
Calcium	42513	SW17712	23	SW17712	15	5	2.7338	13.3880	2.1	10
Chromium	42513	SW17712	23	SW17712	15	5	0.0009	0.0013	241 c	10
Copper	42513	SW17712	23	SW17712	15	5	0.0014	0.0031	131 c	10
Iron	42513	SW17712	23	SW17712	15	5	0.0806	0.3910	3	10
Magnesium	42513	SW17712	23	SW17712	15	5	0.4752	2.5759	7.8	10
Manganese	42513	SW17712	23	SW17712	15	5	0.1104	0.5487	0.61	10
Nickel	42513	SW17712	23	SW17712	15	5	-0.0003	0.0010	---	10
Potassium	42513	SW17712	22	SW17712	14	5	0.7452	1.9211	94 c	10
Silver	42513	SW17712	23	SW17712	15	5	0.0000	0.0011	---	10
Sodium	42513	SW17712	22	SW17712	14	5	3.6365	16.9133	7.5	10
Vanadium	42513	SW17712	23	SW17712	15	5	-0.0011	0.0035	---	10
Zinc	42513	SW17712	23	SW17712	15	5	0.0108	0.0470	14 a	10

a-Indicates Rpd Failed the criteria

b-Method Rep Out but concentrations < 5*RL

c-Serial dilution Out but conc < 10 * IDL

FORM6/FORM9
RPD/%Difference Data
 PREP BATCH: 42514

5041306 0103

Instrument Type: ICP/HG

Analytical Method(s):6010/200.7/7470A/7471A/245.1

ICP units in ppm, ICPMS and Hg in ppb

TxtQcType: LCSMR		Matrix: SOIL		SampleID: LCS MR 42514					
Analyte	BatchId	Data Fil	Seq#:	NS File	Seq#	Result 1	Result 2	RPD	Limit
Aluminum	42514	S17713B3	13	S17713B3	12	65.7026	65.6533	.075	20
Barium	42514	S17713A3	14	S17713A3	13	1.8939	1.9094	.82	20
Calcium	42514	S17713B3	13	S17713B3	12	60.9493	61.0921	.23	20
Chromium	42514	S17713A3	14	S17713A3	13	1.2590	1.2758	1.3	20
Cobalt	42514	S17713A3	14	S17713A3	13	1.3748	1.3704	.32	20
Copper	42514	S17713A3	14	S17713A3	13	1.6559	1.6342	1.3	20
Iron	42514	S17713B3	13	S17713B3	12	147.0490	151.5770	3	20
Lead	42514	S17713A3	14	S17713A3	13	1.2603	1.2760	1.2	20
Magnesium	42514	S17713B3	13	S17713B3	12	26.7960	26.7143	.31	20
Manganese	42514	S17713A3	14	S17713A3	13	2.7655	2.7680	.089	20
Mercury	42514	H17713S	15	H17713S	14	14.0929	15.7222	11	20
Nickel	42514	S17713A3	14	S17713A3	13	1.1804	1.1746	.5	20
Potassium	42514	S17713B3	13	S17713B3	12	24.5051	24.2577	1	20
Sodium	42514	S17713B3	13	S17713B3	12	7.3656	7.2046	2.2	20
Vanadium	42514	S17713A3	14	S17713A3	13	0.9974	1.0034	.6	20
Zinc	42514	S17713A3	14	S17713A3	13	1.8101	1.7831	1.5	20

TxtQcType: MR		Matrix: SOIL		SampleID: AC84282-007					
Analyte	BatchId	Data Fil	Seq#:	NS File	Seq#	Result 1	Result 2	RPD	Limit
Aluminum	42514	S17713B3	15	S17713B3	14	21.3466	28.8150	30	a 20
Barium	42514	S17713A3	16	S17713A3	15	0.1669	0.2266	30	b 20
Calcium	42514	S17713B3	15	S17713B3	14	10U	10U	---	20
Chromium	42514	S17713A3	16	S17713A3	15	0.0864	0.1221	34	b 20
Cobalt	42514	S17713A3	16	S17713A3	15	0.0251	0.0316	23	b 20
Copper	42514	S17713A3	16	S17713A3	15	0.1770	0.3152	56	b 20
Iron	42514	S17713B3	15	S17713B3	14	31.1184	42.2240	30	a 20
Lead	42514	S17713A3	16	S17713A3	15	0.5947	0.8489	35	a 20
Magnesium	42514	S17713B3	15	S17713B3	14	5U	5U	---	20
Manganese	42514	S17713A3	16	S17713A3	15	3.5087	4.6872	29	a 20
Mercury	42514	H17713S	17	H17713S	16	0.5874	0.5229	12	20
Nickel	42514	S17713A3	16	S17713A3	15	0.05U	0.05U	---	20
Potassium	42514	S17713B3	15	S17713B3	14	5U	5U	---	20
Sodium	42514	S17713B3	15	S17713B3	14	2.5U	2.5U	---	20
Vanadium	42514	S17713A3	16	S17713A3	15	0.1U	0.1U	---	20
Zinc	42514	S17713A3	16	S17713A3	15	0.8806	1.1933	30	a 20

a-Indicates Rpd Failed the criteria

b-Method Rep Out but concentrations < 5*RL

c-Serial dilution Out but conc < 10 * IDL

FORM6/FORM9
RPD/%Difference Data
 PREP BATCH: 42514

5041306 0104

Instrument Type: ICP/HG

Analytical Method(s):6010/200.7/7470A/7471A/245.1

ICP units in ppm, ICPMS and Hg in ppb

TxtQcType: MSD		Matrix: SOIL		SampleID: AC84282-023					
Analyte	BatchId	Data Fil	Seq#:	MS File	Seq#	Result 1	Result 2	RPD	Limit
Aluminum	42514	S17713B3	17	S17713B3	16	19.7858	17.8504	10	20
Barium	42514	S17713A3	18	S17713A3	17	0.5447	0.5424	.42	20
Calcium	42514	S17713B3	17	S17713B3	16	55.8931	55.9404	.085	20
Chromium	42514	S17713A3	18	S17713A3	17	0.5152	0.5102	.98	20
Cobalt	42514	S17713A3	18	S17713A3	17	0.4858	0.4949	1.9	20
Copper	42514	S17713A3	18	S17713A3	17	0.5972	0.5831	2.4	20
Iron	42514	S17713B3	17	S17713B3	16	20.0158	19.8003	1.1	20
Lead	42514	S17713A3	18	S17713A3	17	0.7235	0.6975	3.7	20
Magnesium	42514	S17713B3	17	S17713B3	16	50.9867	51.1976	.41	20
Manganese	42514	S17713A3	18	S17713A3	17	1.2094	1.2845	6	20
Mercury	42514	H17713S	19	H17713S	18	9.2515	8.0181	14	20
Nickel	42514	S17713A3	18	S17713A3	17	0.5155	0.5219	1.2	20
Potassium	42514	S17713B3	17	S17713B3	16	48.3922	49.0836	1.4	20
Sodium	42514	S17713B3	17	S17713B3	16	48.3171	48.9517	1.3	20
Vanadium	42514	S17713A3	18	S17713A3	17	0.5315	0.5306	.16	20
Zinc	42514	S17713A3	18	S17713A3	17	0.9213	0.8903	3.4	20

TxtQcType: SD		Matrix: SOIL		SampleID: AC84282-007						
Analyte	BatchId	Data Fil	Seq#:	NS File	Seq#	DF	Result 1	Result 2	%Diff	Limit
Aluminum	42514	S17713B3	22	S17713B3	14	5	5.4718	28.8150	5.1	10
Barium	42514	S17713A3	23	S17713A3	15	5	0.0439	0.2266	3.1	10
Calcium	42514	S17713B3	22	S17713B3	14	5	1.5037	8.1561	7.8	10
Chromium	42514	S17713A3	23	S17713A3	15	5	0.0244	0.1221	0.27	10
Cobalt	42514	S17713A3	23	S17713A3	15	5	0.0066	0.0316	3.8	10
Copper	42514	S17713A3	23	S17713A3	15	5	0.0609	0.3152	3.4	10
Iron	42514	S17713B3	22	S17713B3	14	5	8.1056	42.2240	4	10
Lead	42514	S17713A3	23	S17713A3	15	5	0.1688	0.8489	0.57	10
Magnesium	42514	S17713B3	22	S17713B3	14	5	0.7535	3.8690	2.6	10
Manganese	42514	S17713A3	23	S17713A3	15	5	0.8994	4.6872	4.1	10
Nickel	42514	S17713A3	23	S17713A3	15	5	0.0028	0.0485	71	c 10
Potassium	42514	S17713B3	22	S17713B3	14	5	0.4113	1.3880	48	c 10
Sodium	42514	S17713B3	22	S17713B3	14	5	0.1731	0.6690	29	c 10
Vanadium	42514	S17713A3	23	S17713A3	15	5	0.0147	0.0989	25	a 10
Zinc	42514	S17713A3	23	S17713A3	15	5	0.2453	1.1933	2.8	10

a-Indicates Rpd Failed the criteria

b-Method Rep Out but concentrations < 5*RL

c-Serial dilution Out but conc < 10 * IDL

FORM6/FORM9
RPD/%Difference Data
 PREP BATCH: 42515

5041306 0105

Instrument Type: ICPMS

Analytical Method(s):6020/200.8

ICP units in ppm, ICPMS and Hg in ppb

TxtQcType: LCSMR		Matrix: SOIL		SampleID: LCS MR 42515					
Analyte	BatchId	Data Fil	Seq#:	NS File	Seq#	Result 1	Result 2	RPD	Limit
Antimony	42515	S041715C	18	S041715C	17	34.4000	36.4100	5.7	20
Arsenic	42515	S041715C	18	S041715C	17	150.5000	158.1000	4.9	20
Beryllium	42515	S041715C	18	S041715C	17	93.9600	101.1000	7.3	20
Cadmium	42515	S041715C	18	S041715C	17	103.2000	104.6000	1.3	20
Selenium	42515	S041715C	18	S041715C	17	186.1000	192.3000	3.3	20
Silver	42515	S041715C	18	S041715C	17	44.2500	47.8400	7.8	20
Thallium	42515	S041715C	18	S041715C	17	151.1000	152.9000	1.2	20

TxtQcType: MR		Matrix: SOIL		SampleID: AC84282-007					
Analyte	BatchId	Data Fil	Seq#:	NS File	Seq#	Result 1	Result 2	RPD	Limit
Antimony	42515	S041715C	20	S041715C	19	4U	4U	---	20
Arsenic	42515	S041715C	20	S041715C	19	8.9150	18.3500	69 a	20
Beryllium	42515	S041715C	20	S041715C	19	1U	1U	---	20
Cadmium	42515	S041715C	20	S041715C	19	75.3200	185.3000	84 a	20
Selenium	42515	S041715C	20	S041715C	19	10U	10U	---	20
Silver	42515	S041715C	20	S041715C	19	1U	1U	---	20
Thallium	42515	S041715C	20	S041715C	19	2U	2U	---	20

TxtQcType: MSD		Matrix: SOIL		SampleID: AC84282-023					
Analyte	BatchId	Data Fil	Seq#:	MS File	Seq#	Result 1	Result 2	RPD	Limit
Antimony	42515	S041715C	23	S041715C	22	161.0000	182.3000	12	20
Arsenic	42515	S041715C	23	S041715C	22	257.3000	245.5000	4.7	20
Beryllium	42515	S041715C	23	S041715C	22	234.1000	226.1000	3.5	20
Cadmium	42515	S041715C	23	S041715C	22	338.5000	308.7000	9.2	20
Selenium	42515	S041715C	23	S041715C	22	241.5000	230.2000	4.8	20
Silver	42515	S041715C	23	S041715C	22	39.1300	37.7000	3.7	20
Thallium	42515	S041715C	23	S041715C	22	245.6000	237.0000	3.6	20

TxtQcType: SD		Matrix: SOIL		SampleID: AC84282-007						
Analyte	BatchId	Data Fil	Seq#:	NS File	Seq#	DF	Result 1	Result 2	%Diff	Limit
Antimony	42515	S041715C	21	S041715C	19	5	0.0630	0.2481	27 c	10
Arsenic	42515	S041715C	21	S041715C	19	5	4.1100	18.3500	12 a	10
Beryllium	42515	S041715C	21	S041715C	19	5	0.2077	0.8537	22 c	10
Cadmium	42515	S041715C	21	S041715C	19	5	39.2200	185.3000	5.8	10
Selenium	42515	S041715C	21	S041715C	19	5	0.7226	4.0950	12 c	10
Silver	42515	S041715C	21	S041715C	19	5	0.0705	0.3576	1.5	10
Thallium	42515	S041715C	21	S041715C	19	5	0.2329	0.9522	22 c	10

a-Indicates Rpd Failed the criteria

b-Method Rep Out but concentrations < 5*RL

c-Serial dilution Out but conc < 10 * IDL