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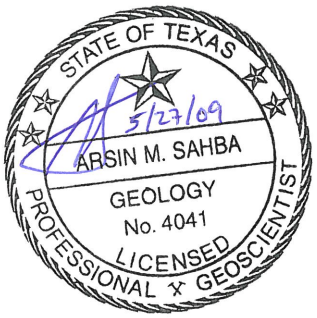
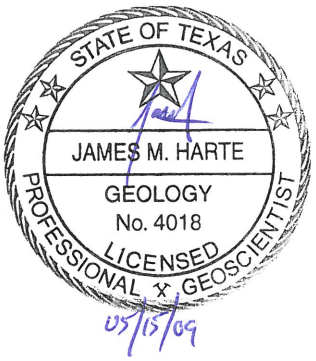
May 15, 2009





Mr. Bill Renfro, P.G.
Senior Technical Coordinator
Railroad Commission of Texas
1701 North Congress
Austin, Texas 78711-2967

Re: Letter Report for Click, West O'Daniel, O'Daniel Seeps Field Sampling Event, December 2008, Howard County, Texas

Dear Mr. Renfro:

This letter report documents the sampling event conducted at the Snyder Field in December 2008 by TRC Environmental Corporation (TRC), on behalf of the Railroad Commission of Texas (RRC). The Snyder Field is located southeast of Coahoma in Howard County, Texas. The RRC has historically documented elevated chloride concentrations in the Snyder Field, which includes the Click Seep, O'Daniel Seep, West O'Daniel Seep, and Rankin Seep sites. The Rankin Seep site was not sampled or evaluated in this report.

The following sections present the project objective, sampling activities, groundwater elevations, analytical results, conclusions, and recommendations. Site figures, analytical data summaries, and analytical data are provided in attachments to this letter.

PROJECT OBJECTIVE

This sampling event was conducted to obtain a synoptic representation of groundwater flow and groundwater quality temporal trends within the area of Snyder Field that encompasses the three referenced seeps. The data collected will help determine the effectiveness of the plugging of injection well 2WIW on groundwater conditions in that portion of the Snyder Field, and the effectiveness of the West O'Daniel Seep recovery trench in reducing salinity loading into Beals Creek and the Upper Colorado River. Well 2WIW was previously identified as a potential source and was located in the northeastern portion of the M. H. O'Daniel Lease (08963) as shown on Figure 1 of Attachment 1.

Further information regarding site investigations previously conducted at the three referenced Snyder Field sites is available in the following reports:

- *Letter Report, Snyder Field Sampling Event, Howard County, Texas* (TRC, 2008)
- *Technical Summary of the December 2007 Sampling Event at the Click and Vincent Seeps* (TRC 2008)
- *Field Data Memorandum, West O'Daniel Seep, Howard County, Texas* (TRC, 2007)
- *Investigation of the Snyder Field Site, Howard County, Texas: Volume I – Technical Report and Volume II – Appendices* (Bureau of Economic Geology [BEG], 1999).

A map showing the boundary of the Ogallala Outlier Aquifer, monitoring/observation wells, sumps, water wells, seeps, ponds, stock tanks, oil wells, injection wells, and other site features is provided as Figure 1 in Attachment 1.

SAMPLING ACTIVITIES

From December 16 to December 18, 2008, samples were collected from 24 monitoring wells, seven water wells, six sumps, one pond, one stock tank, four seeps, one recovery system effluent, and one trench observation well to determine the current concentrations and extent of salinity, total petroleum hydrocarbons (TPH), and benzene, toluene, ethylbenzene, and xylenes (BTEX). The salinity analysis consisted of anions (chloride and sulfate), cations (calcium, sodium, magnesium, potassium, iron, and barium), alkalinity (carbonate and bicarbonate), and total dissolved solids (TDS). The sampling event was performed in accordance with the *Field Sampling Plan* dated December 2008, with the following variances:

- Samples were not collected from West O'Daniel monitoring well MW-05 and trench observation well OB-02. Less than 0.2 feet of water was observed in MW-05, which was an inadequate volume of groundwater to sample. OB-02 was not sampled because this location was dry.
- Samples were not collected from Click Seeps S-01 and S-02 because these locations were dry.

All of the monitoring wells were gauged for depth to water on December 15, 2008, prior to sampling. Water level gauging data are provided in Attachment 2.

Following gauging activities, each monitoring well was purged with a disposable 1.5-inch diameter clear bailer until groundwater quality parameters (i.e., pH, temperature, conductivity, and oxidation-reduction potential [ORP]) stabilized. Grab samples were collected from the water wells, sumps, pond, stock tank, seeps, recovery system effluent, and observation well. Water

quality data and sampling information were recorded during purging on Groundwater Sampling Field Forms provided in Attachment 3.

The water samples were placed on ice in coolers that remained in the custody of TRC field personnel until they were shipped to the analytical laboratory, DHL Analytical, Inc., in Round Rock, Texas. Chain-of-custody records were completed for each cooler. Quality control (QC) field duplicate samples were collected at a frequency of five percent. Field duplicates were collected from Click water well WW-01, O'Daniel monitoring well MW-06, and West O'Daniel monitoring well MW-04.

Drums containing investigation derived waste (IDW) water from previous investigations (e.g., decontamination water, development water, purge water), as well as corroded or empty 55-gallon steel drums that previously contained IDW, had been staged at various locations around Snyder Field. At the request of the RRC, drums containing IDW water, as well as empty/corroded drums, were relocated to the West O'Daniel remediation system site for disposal.

The IDW generated from this sampling event, which included purge water, decontamination water, and miscellaneous IDW (e.g., gloves, bailers), was contained in 55-gallon plastic drums that were sealed, labeled, and staged at the West O'Daniel remediation system.

At the request of the RRC, IDW water generated from the current event was pumped into the tank of the West O'Daniel remediation system. The disposal of this IDW will be managed during field activities in 2009. The remaining empty IDW drums were picked up on February 4, 2009, by the IDW contractor.

GROUNDWATER ELEVATION AND FLOW

Groundwater elevations measured on December 15, 2008, were used to develop a groundwater potentiometric map for the Snyder Field. The gauging data are provided in Attachment 2 and the groundwater potentiometric map is shown as Figure 1 of Attachment 1.

The groundwater flow pattern within the Ogallala Outlier Aquifer at the O'Daniel and West O'Daniel seeps is generally to the south, southeast, and east discharging into the alluvial drainage channels via seeps. For example, near the O'Daniel Seep, groundwater flow is locally to the east and southeast toward the seep area. Groundwater flow at the West O'Daniel Seep is to the south. In the western portion of the Ogallala Outlier Aquifer (Click Seep vicinity), groundwater flow is to the south with a minor component on the western edge of the Outlier to the southwest. The hydraulic gradient across the entire Ogallala Outlier ranges between 0.007 and 0.010 foot per foot, and appears to become steeper near the edge of the Ogallala Outlier (i.e., discharge zone). Groundwater flow directions and gradient observed in December 2008 is relatively consistent with that observed in June 2008.

The December 2008 data shows an area northwest of the O'Daniel Seep where the groundwater gradient within the Ogallala Outlier Aquifer is relatively flat. This is consistent with the June 2008 data. This area of relatively flat groundwater is centered in the vicinity of BEG-MW-07 and is consistent with the location of plugged injection well 2WIW, which was identified in the April 1999 BEG investigation report as a potential source. It is possible that the flat hydraulic gradient is due to upward leaking from well 2WIW; however, this is difficult to determine because groundwater elevation data is not available prior to the original plugging of 2WIW.

The groundwater flow pattern within the alluvial material located in the drainage channels associated with the West O'Daniel and O'Daniel Seeps generally follows topography and surface water flow. The alluvial material is thin and sits upon the Dockum Group, which is a clay aquitard. Specifically, groundwater flow direction within the West O'Daniel Seep drainage is to the south with a hydraulic gradient of 0.022 foot per foot. Groundwater flow within the O'Daniel Seep drainage is to the southeast at a hydraulic gradient of 0.008 foot per foot. Hydraulic flow direction and gradients observed in December 2008 are consistent with those observed in June 2008.

In summary, groundwater within the Ogallala Outlier Aquifer generally flows to the south, southeast, and east discharging into the alluvial drainage channels via seeps. The water from the seeps flows above ground until infiltrating into the thin gravels and sands of the alluvial material within the channels, and then flows south and southeast within the alluvium towards Beals Creek. There is some seepage beneath the surface along the Ogallala/Dockum contact which flows directly into the subsurface of the alluvial drainage channels. Both the Ogallala Outlier Aquifer and alluvial material are underlain by the Dockum Group that serves as an aquitard and causes groundwater to flow laterally along the contact.

GROUNDWATER ANALYTICAL RESULTS

The analytical results for the Click, West O'Daniel, and O'Daniel Seep sites were evaluated to determine the current distribution and historical trends of chemical concentrations, the effect of the West O'Daniel recovery trench, and the effect of plugging of well 2WIW, which had been identified as a potential source of salt water and hydrocarbon impacts in the Snyder Field. The evaluation focused on chloride and benzene, unless otherwise noted. For locations with duplicate sample data, the higher of the two concentrations is reported as a conservative measure (i.e., "primary sample" or "duplicate sample"). The chloride and detected benzene concentrations are presented in Figure 2 of Attachment 1. The analytical results from December 2008 and previous sampling events are provided in Attachment 4. The laboratory analytical reports are provided in Attachment 5.

Chloride

Background

The wells in the Ogallala Outlier Aquifer upgradient of the Click, West O'Daniel, and O'Daniel Seeps are considered to represent background conditions for chloride and had concentrations ranging from 53.3 to 747 milligrams per liter (mg/L). This includes Click Seep wells MW-5, MW-6 and WW-3, and O'Daniel Seep wells MW-12, WW-1 and WW-2. Concentrations greater than 1,000 mg/L are considered to exceed background levels and represent impacted areas.

There are two wells in this upgradient area with concentrations that exceeded background levels: Click Seep well MW-02 (2,120 mg/L) and O'Daniel well MW-10 (4,770 mg/L). This is likely due to a localized source of minor concern because the concentrations were detected 5 to 10 times lower than the highest concentrations discussed below.

Ogallala Outlier Aquifer

Chloride concentrations in the Ogallala Outlier Aquifer that exceed background levels (i.e., greater than 1,000 mg/L) were identified in three general locations, as follows:

- Northwest (upgradient) of the O'Daniel Seep, and north (upgradient) of the West O'Daniel Seep. Chloride concentrations in these areas ranged from 1,140 to 25,400 mg/L. The highest concentrations were identified immediately upgradient of the West O'Daniel Seep (West O'Daniel Seep wells MW-2, MW-4, and Water Well WW-52), and upgradient of the O'Daniel Seep (O'Daniel Seep wells MW-6, MW-8, and MW-15).

- Click Seep water well WW-1 had a chloride concentration of 5,590 mg/L. The remaining chloride concentrations in the vicinity of the Click Seep were within the range of background levels (MW-5, MW-6, WW-2, and WW-3) or slightly above background levels (MW-9, MW-17, MW-19). The reason for the isolated elevated chloride concentration at WW-1 has not been determined, but may be due to a localized source or impacts migrating from the O'Daniel Seep and West O'Daniel Seep area.

- West O'Daniel Seep water wells WW-52 and WW-53 had chloride concentrations of 26,800 and 19,400 mg/L, respectively. These wells are located in a portion of the Ogallala Outlier Aquifer between the drainage basins associated with the West O'Daniel and O'Daniel Seeps. The elevated chloride concentrations may be due to migration from the same upgradient source(s) that is impacting the West O'Daniel and O'Daniel Seeps, but could also be associated with a local source.

The following trends were identified in the Ogallala Outlier Aquifer between June 2008 and December 2008:

- Chloride concentrations in the O'Daniel Seep wells have decreased or remained stable. The most noticeable decrease in chloride concentrations was observed in MW-06 where chlorides decreased from 27,300 mg/L (June 2008) to 20,900 mg/L (December 2008). The decreasing trend may be associated with plugging and abandoning of nearby injection well 2WIW, which was considered a potential source. Overall, chloride concentrations since April 1999 have remained stable or are decreasing in the O'Daniel Seep wells with the exception of MW-05 and MW-10 where chloride concentrations suggest an increasing trend. Due to limited number of data points (three years of data) for MW-05 and MW-10, additional data collected from these wells will confirm if chloride is increasing. The chloride concentration in Well MW-11 reached a maximum in April 2006 (10,400 mg/L); however, since that time concentrations have decreased steadily in MW-11.

- Chloride concentrations in the West O'Daniel Seep wells have decreased or remained stable. The most noticeable decrease in chloride concentrations was observed in MW-02 (24,000 mg/L to 20,900 mg/L) and MW-03 (19,200 mg/L to 15,300 mg/L). Overall, chloride concentrations since April 1999 have remained stable or are decreasing in the West O'Daniel Seep wells.

- Chloride concentrations in the Click Seep wells have decreased or remained stable with the exception of MW-09. Chloride concentrations in MW-09 increased from 1,040 mg/L to 1,470 mg/L; however, the concentration increase in MW-09 remains within the historical range of data. Chloride concentrations in WW-01 continue to be the highest concentration observed in the Click Seep area.

Alluvium

All of the chloride concentrations in the drainage basin alluvial material exceeded background levels (i.e., greater than 1,000 mg/L) as follows:

- The highest concentrations at the O'Daniel Seep were identified immediately downgradient of the seep area in sumps SS-55, SS-56, SS-57 and SS-58. The chloride concentrations ranged from 21,800 mg/L to 46,800 mg/L. The highest chloride concentration was detected in SS-58 (northernmost sump) at 46,800 mg/L.

- Farther downgradient of the O'Daniel Seep, chloride concentrations were elevated ranging from 10,300 to 10,400 mg/L at MW-1 and MW-2, respectively. The chloride concentrations were nearly identical in the two downgradient wells in the drainage basin although the wells are over 7,000 feet apart.

- The highest concentrations at the West O'Daniel Seep were identified immediately downgradient of the seep in Sump-2 of the recovery trench at 18,000 mg/L. Approximately 1,900 feet downgradient of the recovery trench system, the second highest chloride concentration was observed in MW-06 with 17,000 mg/L. Well MW-06 is located between West O'Daniel Seeps 1 and 2. Both seeps had elevated chlorides.

- December 2008 chloride concentrations in both seeps remained elevated and ranged between 15,200 mg/L and 16,000 mg/L. These elevated concentrations are within the historical data range.

- Downgradient of West O'Daniel Seep S-2, elevated chloride continues to be observed in MW-7 with a chloride concentration of 8,990 mg/L. This concentration, although elevated, remains within the historical range of data. The chloride concentrations within the West O'Daniel Seep drainage basin do not decrease until MW-7, the most downgradient well.

The following chloride concentration trends were identified in the alluvial material:

- Since April 1999, chloride concentrations in O'Daniel well MW-01 have slowly decreased. More data will be necessary to determine if this trend is a seasonal fluctuation or a decreasing trend. Conversely, chloride concentrations in MW-2 have fluctuated since April 1999 ranging between 26,954 mg/L (April 1999) and 5,070 mg/L (June 2008). Overall, the chloride concentration trend in MW-02 is decreasing, but the concentration increased from 5,070 mg/L (June 2008) to 10,400 mg/L (December 2008). The presence of elevated chlorides in wells MW-01 and MW-02 indicates impacts from the seeps extend downgradient into the drainage basin.

- Chloride concentrations in O'Daniel sumps SS-55 through SS-58 have remained elevated since their installation in June 2008. Over this period of time chloride concentrations in SS-55, SS-56, and SS-57 have remained relatively stable or are decreasing. Chloride concentration in sump SS-58 increased notably from 31,200 mg/L (June 2008) to 46,800 mg/L (December 2008).

- Due to insufficient volume of water (less than 0.2 feet) in West O'Daniel well MW-05, no data was available for December 2008. This well was dry due to drawdown induced by the recovery trench. However, looking at historic data between April 2006 and June 2008, chloride concentrations in MW-05 are increasing. Due to the limited amount of data points (three years) from MW-05, chloride trends will be determined through additional data collection.

- Between June 2008 and December 2008, chloride concentrations in West O'Daniel Seeps S-1 and S-2 decreased. Chloride concentrations in West O'Daniel wells MW-06 and MW-07 decreased between June 2008 and December 2008. The trend of chloride concentrations in MW-06 has fluctuated between 16,100 mg/L (June 2007) and 19,500 mg/L (June 2008). Overall, chloride concentrations in MW-06 remain stable and may be decreasing. Downgradient of MW-06, chloride concentration trends in MW-07 since April 2006 fluctuated between 7,540 mg/L (April 2006) and 10,000 mg/L (June 2008). The overall trend of chloride concentrations in MW-07 may be increasing. Future data collection from MW-06 and MW-07 will confirm these chloride trends especially as related to operation of the trench recovery system.

BTEX and TPH

Ogallala Outlier Aquifer

Benzene was detected in the Ogallala Outlier Aquifer above the laboratory detection limit at the following locations:

- West O'Daniel Seep: MW-4 (0.00134 mg/L)
- O'Daniel Seep: MW-6 (0.0972 mg/L), MW-7 (0.394 mg/L), MW-8 (0.00319 mg/L), MW-14 (0.00163 mg/L), and MW-15 (0.157 mg/L).
- Click Seep: WW-1 (primary sample - 0.00953 mg/L)

The majority of the benzene detections were noted in one area of the Ogallala Outlier Aquifer that corresponds with locations of high chloride concentrations; this area is located northwest (upgradient) of the O'Daniel Seep and north (upgradient) of the West O'Daniel Seep. The only detection of benzene outside of this primary area occurred at Click Seep well WW-1. Toluene (0.00722 mg/L) and ethylbenzene (0.00276J mg/L) were also detected in Click Seep WW-1. The presence of these compounds in conjunction with benzene is indicative of oil field sources. Toluene, ethylbenzene and xylenes were not detected in any other wells in the Outlier Aquifer.

TPH (C6 to C12) concentrations were detected in five Outlier Aquifer wells associated with the Click Seep and O'Daniel Seep sites. Upgradient of the Click Seep, TPH was detected in water well WW-1 (0.96J mg/L), water well WW-02 (1.18J mg/L) and Click Seep well MW-9 (0.808J mg/L). Upgradient of the O'Daniel Seep, TPH was detected in MW-06 (0.675J mg/L) and MW-07 (0.799J mg/L). None of these wells were observed to have TPH detections during the June 2008 event. Click Seep WW-1, as well as O'Daniel wells MW-06 and MW-07, had detections of benzene therefore the presence of TPH is not unexpected. However, Click wells MW-09 and WW-2 had detections of TPH, no detections of benzene, and chloride concentrations near background levels. The source of the TPH at Click wells MW-09 and WW-2 is unknown at this time.

Benzene concentration trends were not conclusive at the West O'Daniel Seep (data in 2006 and 2008), O'Daniel Seeps (data in 1999 and 2008 with limited data in 2006), and Click Seep (data in 2001 and 2008) due to the limited number of data points. A summary of the benzene concentration trends is as follows:

- Concentrations at West O'Daniel Seep well MW-04 have decreased since April 2006.
- Between June 2008 and December 2008, benzene concentrations in O'Daniel Seep wells MW-07, MW-08, and MW-14 were relatively stable, while benzene concentrations at MW-6

increased slightly and at MW-15 decreased slightly. Overall benzene concentrations in these wells however, since 1999, have decreased.

- Between June 2008 and December 2008, benzene concentrations in Click Seep Water Well WW-1 increased slightly.

Alluvium

Benzene was only detected in the alluvial material above the laboratory detection limit at O'Daniel Seep sump SS-55 (0.00188 mg/L), which is an increase in concentration since June 2008 (0.000910 mg/L). No benzene was detected in O'Daniel Seep sump SS-58; however, low levels of toluene (0.00253 mg/L) and xylenes (0.00461 mg/L) were detected. Benzene was not detected in any other O'Daniel, West O'Daniel, or Click wells completed in the alluvium.

December 2008 data showed a detection of heavier TPH fractions (>C12-C28 and >C28-C35) in O'Daniel sump SS-55 (5.41 mg/L for >C12-C28 fraction and 0.686J mg/L for >C28-C35 fraction). Similar heavy TPH fractions were observed in O'Daniel sump SS-57 in June 2008 although at higher concentrations. TPH was not detected in the December 2008 results for SS-57. The presence of the heavier TPH fractions appears localized to the O'Daniel sump area, since no detection of these TPH fractions were been observed in the Ogallala Outlier Aquifer.

QUALITY ASSURANCE

The analytical data were reviewed by TRC's QC chemist and no issues that would invalidate the data were identified. QC data associated with laboratory measurements indicate that the data are defensible and that measurement data reliability is within expected limits of sampling and analytical error. The results of the quality assurance samples are included in the laboratory analytical reports in Attachment 5. The evaluation report is provided in Attachment 6.

CONCLUSIONS

The following conclusions are made based on the data collected in December 2008, as well as historical data provided by the RRC:

- Groundwater in the Ogallala Outlier Aquifer flows to the south and southeast discharging into the alluvial channels via seeps. A slight southwestern gradient is present in the western portion of the Outlier near the Click Seep area.

- Groundwater in the alluvial material flows south and southeast following the drainage channels, eventually draining into Beals Creek.

- Chloride concentrations of less than 1,000 mg/L were observed at the upgradient extent of the Click, West O'Daniel, and O'Daniel Seeps and are considered to represent background conditions.

- Impacts at the Click Seep area included an elevated chloride concentration and benzene toluene, ethylbenzene and TPH detections in Water Well WW-01. Other impacts at the Click Seep Area included TPH detections in MW-09, and water well WW-2. The source of the impacts at WW-01 is unknown especially considering well MW-17, located within approximately 250 feet of WW-1, was not impacted. The reason for TPH detections at MW-09 and WW-02 without the presence of benzene along with low chloride concentrations is also unknown. These impacts may be associated with a localized source or migration from the impacted area associated with the O'Daniel and West O'Daniel Seeps.

- Chloride, benzene and TPH impacts were identified in the Ogallala Outlier Aquifer upgradient of and within 1,500 feet of the West O'Daniel and O'Daniel Seeps. The impacts have been delineated in the upgradient direction (north to west) by several wells, but have not been delineated to the east due to insufficient well locations. This continues to indicate a localized source area most likely within 2,500 feet of these two seeps (i.e., within the northwestern portion of the O'Daniel "B" Lease [06218], the northeastern portion of the M. H. O'Daniel #12 Lease [08963], the southeastern portion of the O. D. O'Daniel Lease [06192], and the southwestern portion of the Susie B. Snyder Lease [06208]. This source area has impacted downgradient locations including the drainage basins associated with the West O'Daniel and O'Daniel Seeps and the portion of the Ogallala Outlier Aquifer located between these two drainage basins. This source area coincides with an area of nearly flat groundwater gradient, thus a source in this area could impact both seeps. Chloride and benzene concentrations have generally decreased in this area with the exception of the increasing chloride trends in crossgradient O'Daniel wells MW-05 and MW-10. These data suggest that the source may no longer be active (e.g., plugging and abandoning of injection well 2WIW).

- For the first time, TPH (C6 to C12 fraction) was detected in five wells located in the Ogallala Outlier: three wells in the Click Seep area and two wells in the O'Daniel area. Detections of TPH in Click wells MW-09, WW-1, and WW-2 do not appear to be related to the TPH detections in O'Daniel wells MW-6 and MW-7 since no detections of TPH were observed in series of wells separating to two clusters and include O'Daniel MW-11, as well as West O'Daniel MW-2 and MW-3. Detections of TPH at Click well WW-1 and O'Daniel wells MW-6 and MW-7 is not unexpected based on the presence of benzene at these three wells. However, TPH detections at MW-09 and WW-2 are surprising because these two wells were not impacted with benzene or chloride.

- Analytical results from the June 2008 investigation indicated that chloride concentrations had increased at wells approximately 2,500 to 5,000 feet north (upgradient) of the O'Daniel Seep (i.e., MW-05 and MW-10). Chloride concentrations in this area between June 2008 and December 2008 declined slightly. The trend of chloride concentrations in this area since 1999 appears to be increasing. Further delineation to the north and northeast of these wells, in addition to additional future monitoring in this area, may determine if chloride concentrations fluctuate or continue to increase due to a potential unidentified source area.

- The impacts in the Ogallala Outlier Aquifer migrate via seeps to the alluvial material within the O'Daniel Seep and West O'Daniel Seep drainage basins. The impacts are primarily associated with chloride, as benzene was only detected in one alluvial location (O'Daniel Seep sump S-55). The absence of benzene within the remaining alluvial wells/sumps indicates that the sources are within the Ogallala Outlier Aquifer and not the drainage basins.

- The source of the heavier TPH fraction detected in O'Daniel sump SS-55 is unclear at this time since this heavier TPH fraction was not observed in the Ogallala Outlier Aquifer wells. The presence of this heavier TPH fraction in an adjacent sump (SS-57) during June 2008 suggests that it is localized to the O'Daniel sump area.

- Groundwater recovery systems have been installed in the O'Daniel and West O'Daniel Seep drainage basins to mitigate chloride impacts further downgradient. Chloride concentrations in the upgradient O'Daniel alluvial well (MW-2) showed a general decreasing trend although an increase in chloride between June 2008 and December 2008 was observed. Further downgradient in MW-1, chlorides remain relatively stable. Similarly, chloride concentrations in alluvial wells downgradient of the West O'Daniel seep recovery system since June 2008 have decreased; historical chloride data in these wells indicate that chloride concentrations have the potential to fluctuate. The closest downgradient well (MW-5) to the West O'Daniel Seep was dry. Additional data is needed determine if chloride impacts downgradient of the West O'Daniel seep are being mitigated.

- The presence of benzene, ethylbenzene, and toluene is indicative of oil field sources. The benzene detections correlated directly with the area of highest chloride concentrations, indicating that the source of chloride is also related to oil field activity.

In summary, groundwater within the Ogallala Outlier Aquifer flows towards the drainage channels and discharges via the seeps. This surface water then recharges the thin alluvial material within the drainage channels and flows to Beals Creeks. There are several sources of salt water and hydrocarbon impacts to groundwater associated with oil field activity in the Ogallala Outlier Aquifer. These impacts migrate via groundwater from the Ogallala Outlier Aquifer to the seeps, then the alluvial material, and eventually reach Beals Creek.

RECOMMENDATIONS

Based on the data collected in December 2008 and historical data, the following actions are recommended:

- Continue monitoring events to better define chemical distribution and evaluate temporal trends, especially as related to the effect of plugging injection well 2WIW, and the operation of the recovery systems at the West O'Daniel and O'Daniel Seeps, and at areas showing increasing concentrations. Additional data collected over time at locations around the Ogallala Outlier Aquifer will provide more information regarding concentration trends for those areas with limited data points (e.g., MW-05, MW-10).

- Install and sample one or more wells to delineate chloride concentrations east of O'Daniel Seep wells MW-5, MW-10 and MW-12.

- Install and sample one well between West O'Daniel Seep wells MW-2/MW-3 and Click Seep water well WW-01 to determine if the impacts at Click Seep water well WW-01 and possibly monitoring well MW-09 are migrating from the West O'Daniel and O'Daniel Seep source area.

- Due to first-time detections of TPH in five of the Ogallala Outlier wells, it is recommended that sampling for TPH (TX1005) and BTEX continue to be performed in all of the wells. Additional data will need to be collected to determine if TPH, ethylbenzene and toluene continue to be present.

- Investigate potential oil field sources located immediately north of the West O'Daniel Seep and northwest of the O'Daniel Seep.

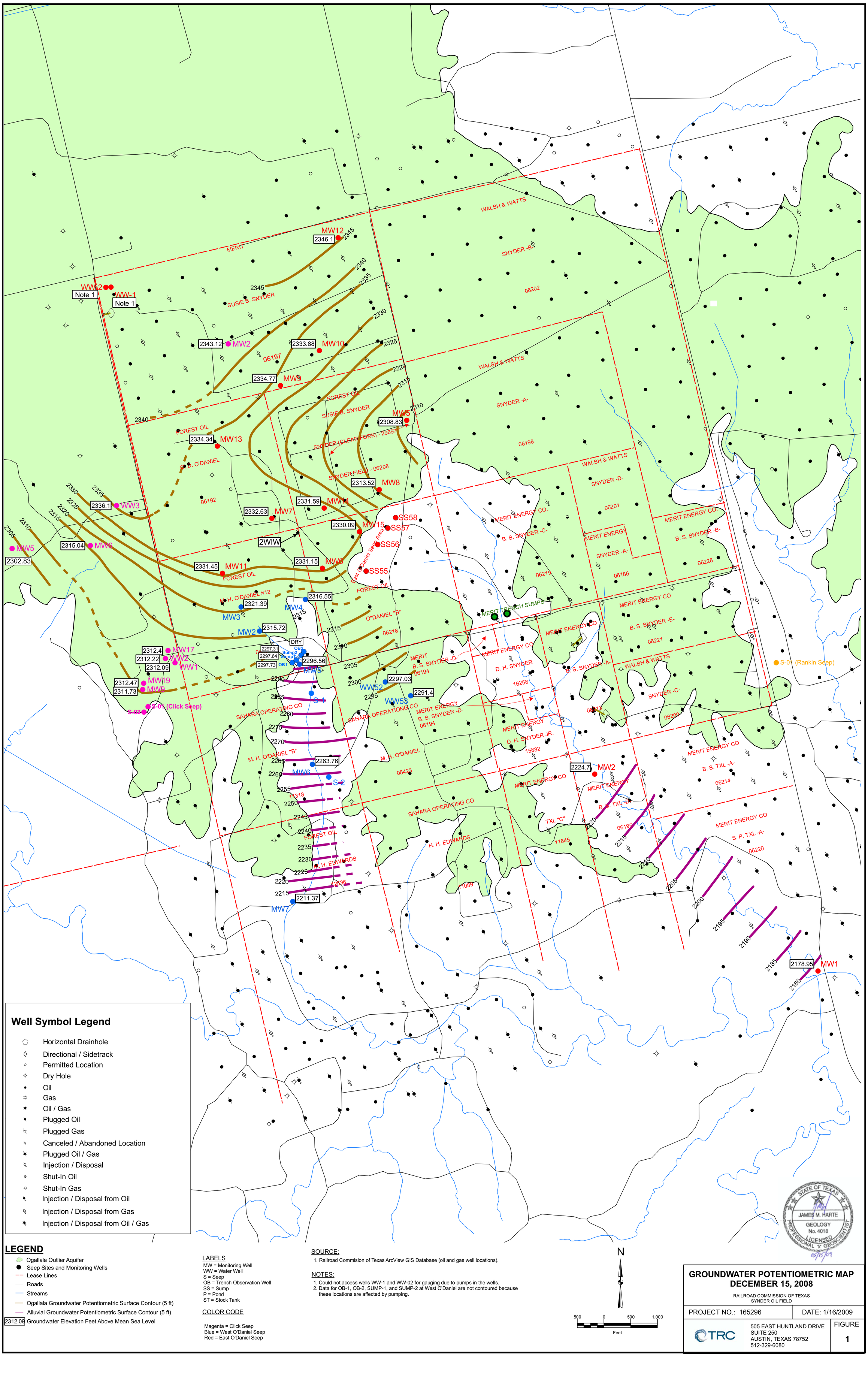
Sincerely,

James Harte, P.G.
Associate Project Manager/Senior Geologist

cc: Bill Renfro, P.G., Railroad Commission of Texas, Austin, Texas
Tim Prude, Railroad Commission of Texas, Midland, Texas
Arsin Sahba, P.G., TRC, Austin, Texas
Barrett Clark, TRC, Austin, Texas

ATTACHMENT 1

Figures



Well Symbol Legend

- Horizontal Drainhole
- Directional / Sidetrack
- Permitted Location
- Dry Hole
- Oil
- Gas
- Oil / Gas
- Plugged Oil
- Plugged Gas
- Canceled / Abandoned Location
- Plugged Oil / Gas
- Injection / Disposal
- Shut-In Oil
- Shut-In Gas
- Injection / Disposal from Oil
- Injection / Disposal from Gas
- Injection / Disposal from Oil / Gas

LEGEND

- Ogallala Outlier Aquifer
- Seep Sites and Monitoring Wells
- Lease Lines
- Roads
- Streams
- Ogallala Groundwater Potentiometric Surface Contour (5 ft)
- Alluvial Groundwater Potentiometric Surface Contour (5 ft)
- 2312.09 Groundwater Elevation Feet Above Mean Sea Level

LABELS
MW = Monitoring Well
WW = Water Well
S = Seep
OB = Trench Observation Well
SS = Sump
P = Pond
ST = Stock Tank

COLOR CODE

Magenta = Click Seep
Blue = West O'Daniel Seep
Red = East O'Daniel Seep

SOURCE:

1. Railroad Commision of Texas ArcView GIS Database (oil and gas well locations).

NOTES:

1. Could not access wells WW-1 and WW-02 for gauging due to pumps in the wells.
2. Data for OB-1, OB-2, SUMP-1, and SUMP-2 at West O'Daniel are not contoured because these locations are affected by pumping.

N

500 0 500 1,000
Feet

STATE OF TEXAS
JAMES M. HARTE
GEOLOGY
No. 4018
LICENSED
PROFESSIONAL GEOSCIENTIST
05/15/09

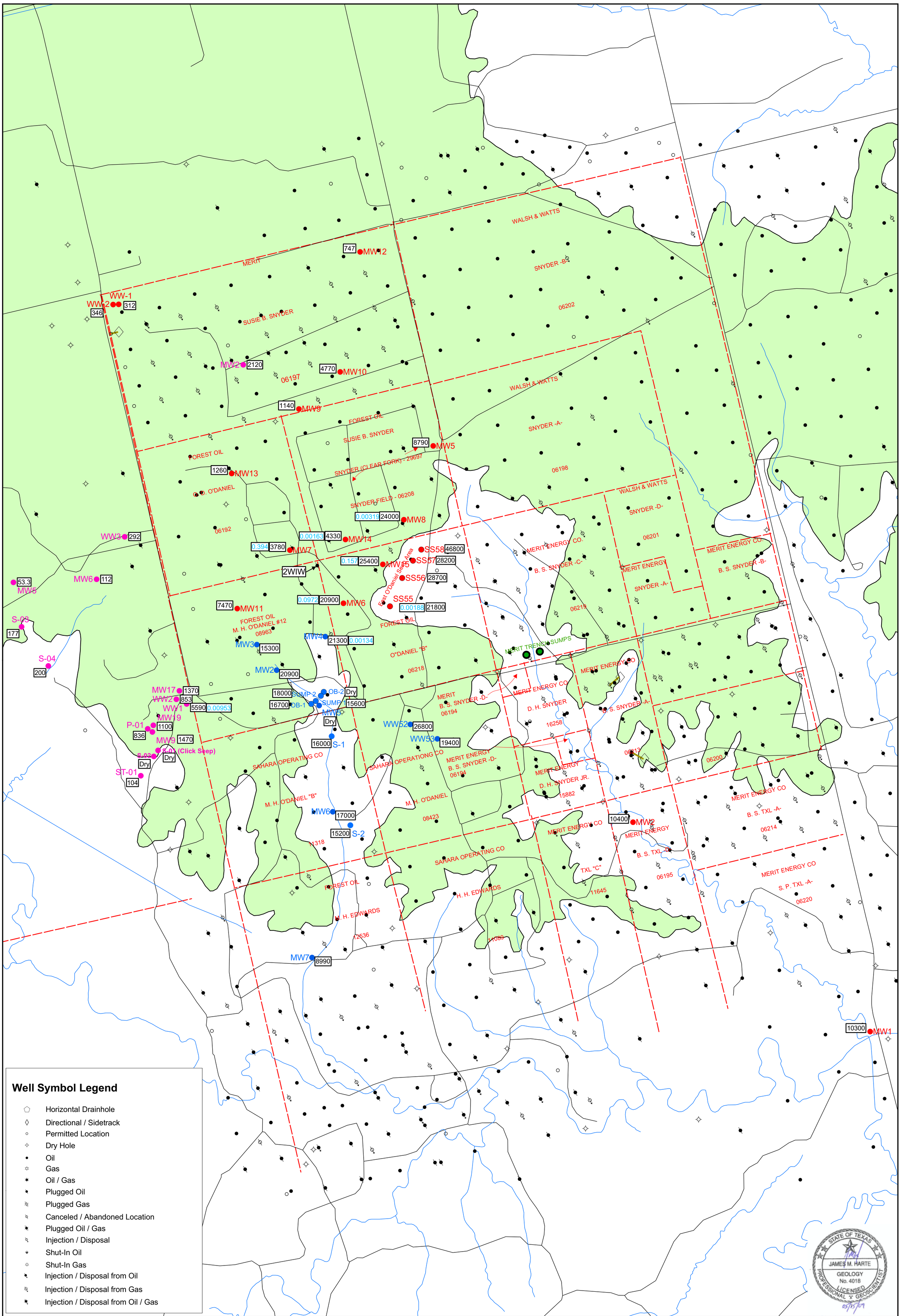
GROUNDWATER POTENTIOMETRIC MAP DECEMBER 15, 2008

RAILROAD COMMISSION OF TEXAS
SYNDER OIL FIELD

PROJECT NO.: 165296 | DATE: 1/16/2009

TRC
505 EAST HUNTLAND DRIVE
SUITE 250
AUSTIN, TEXAS 78752
512-329-6080

FIGURE 1



CHLORIDE AND BENZENE CONCENTRATION MAP FOR GROUNDWATER DECEMBER 2008

RAILROAD COMMISSION OF TEXAS
SYNDER OIL FIELD

PROJECT NO.: 165296 | DATE: 1/28/2008

TRC
505 EAST HUNTLAND DRIVE
SUITE 250
AUSTIN, TEXAS 78752
512-329-6080

FIGURE 2

ATTACHMENT 2

Well Gauging Data

December 2008 Gauging Data
Click, West O'Daniel, and O'Daniel Seeps Field Sampling Event
Howard County, Texas
Railroad Commision of Texas

Location ID	Ground Elevation (feet)	Top-of-Casing Elevation (feet)	Date Water Level Measured	Total Depth of Well (feet toc)	Depth to Water (feet toc)	Water Elevation (feet)
Click						
MW-02	2362.4	2365.06	12/15/2008	25.9	21.94	2343.12
MW-05	2334.7	2336.68	12/15/2008	38.29	33.85	2302.83
MW-06	2328.2	2331.34	12/15/2008	20.31	16.30	2315.04
MW-09	2322.1	2325.30	12/15/2008	19.61	13.57	2311.73
MW-17	2340.5	2343.90	12/15/2008	43.9	31.50	2312.40
MW-19	2324.2	2326.92	12/15/2008	18.46	14.45	2312.47
WW-01	2339	2339.42	12/16/2008	42.6	27.33	2312.09
WW-02	2336	2336.43	12/16/2008	34.59	24.21	2312.22
WW-03	2351	2352.35	12/16/2008	18.75	16.25	2336.10
West O'Daniel						
S-MW-02	2321.78	2324.10	12/15/2008	16.87	8.38	2315.72
S-MW-03	2335.79	2337.94	12/15/2008	25.45	16.55	2321.39
S-MW-04	2337.07	2339.48	12/15/2008	28.48	22.93	2316.55
S-MW-05	2302.11	2304.74	12/15/2008	8.36	8.18	2296.56
S-MW-06	2270.35	2272.28	12/15/2008	15.41	8.52	2263.76
S-MW-07	2230.71	2232.85	12/15/2008	35.58	21.48	2211.37
WW-52	2341.9	2342.60	12/17/2008	62.2	45.57	2297.03
WW-53	2318.9	2319.80	12/17/2008	40.2	28.40	2291.40
OB-1	2305.5	2305.46	12/18/2008	9.0	7.73	2297.73
OB-2	2306.37	2306.87	12/18/2008	9.0	Dry	Dry
Sump-1	2305.5	2305.53	12/18/2008	12.0	7.89	2297.64
Sump-2	2305.55	2306.10	12/18/2008	12.0	8.79	2297.31
O'Daniel						
BEG-MW-01	2190.3	2192.96	12/15/2008	34.25	14.01	2178.95
BEG-MW-02	2229.6	2232.98	12/15/2008	15.95	8.28	2224.70
BEG-MW-05	2321.0	2324.63	12/15/2008	18.12	15.80	2308.83
BEG-MW-06	2347.6	2350.89	12/15/2008	27.84	19.74	2331.15
BEG-MW-07	2370.9	2373.50	12/15/2008	48.34	40.87	2332.63
BEG-MW-08	2325.6	2328.26	12/15/2008	22.04	14.74	2313.52
BEG-MW-09	2353.1	2355.92	12/15/2008	25.9	21.15	2334.77
BEG-MW-10	2347.1	2349.64	12/15/2008	28.43	15.76	2333.88
BEG-MW-11	2347.4	2350.88	12/15/2008	28.28	19.43	2331.45
BEG-MW-12	2363.3	2366.53	12/15/2008	29.89	20.43	2346.10
BEG-MW-13	2361.9	2364.28	12/15/2008	35.22	29.94	2334.34
BEG-MW-14	2355.2	2358.10	12/15/2008	27.89	26.51	2331.59
BEG-MW-15	2348.4	2351.46	12/15/2008	32.5	21.37	2330.09

ATTACHMENT 3

Groundwater Sampling Field Forms

GROUNDWATER SAMPLING FORM

TRC	Sample Location	C-MW-02	
	Client	[redacted]	RRC
	Site	Click	

Depth to Water (ft)	Before Sampling	21.94	Sample Collection Time	1310
	After Sampling	-	Purge Method	Disposable Bailer
Total Depth (ft)		25.90	Sample Method	Disposable Bailer
Standing Water Column (ft)		3.96	Water Description	Clear
One Purge Volume (gal)		0.75	Sampling Personnel	BC

Date	Time	Purge Volume (gal)		Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
		This Period	Cumulative								
12/16/08	1259	0.75	0.75		7.99	20.2	7922	6622	110		
	1201	0.75	1.50		6.72	20.9	7817	6491	110		
	1304	0.75	2.25		6.72	20.6	7787	6477	114		
	1305	0.25	2.50		6.73	20.4	7789	6473	116		

Form Date: 01/24/07

Initial BC Date 12/16/08

GROUNDWATER SAMPLING FORM

TRC		Sample Location		~~P~~ C-MW-05
		Client		RAE
		Site		Click
Depth to Water (ft)	Before Sampling	33.53	Sample Collection Time	1000
	After Sampling	-	Purge Method	Disp. Bailer
Total Depth (ft)		38.29	Sample Method	"
Standing Water Column (ft)		4.76	Water Description	Silty Red
One Purge Volume (gal)		.75	Sampling Personnel	BC

(1634.1 (BC))

Date	Time	Purge Volume (gal)		Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
		This Period	Cumulative								
12/16/08	944	0.75	0.75		7.55	15.7	903.9	~~1357.0~~ (BC)	130		Silty Red
	945	0.75	1.25		7.26	19.4	874.4	1620.9	127		"
	946	0.75	2.0		7.23	19.6	881.4	~~1654.9~~ 1634.1	127		
			* bailed dry								

Form Date: 01/24/07

Initial BC Date 12/16/08

GROUNDWATER SAMPLING FORM

TRC

Sample Location	C-MW-06		
Client	RRC		
Site	Click		
Depth to Water (ft) — Before Sampling	16.30	Sample Collection Time	0920
Depth to Water (ft) — After Sampling	—	Purge Method	Disposable Bailer
Total Depth (ft)	~~20.61~~ 20.31	Sample Method	Disposable Bailer
Standing Water Column (ft)	4.01	Water Description	Silty
One Purge Volume (gal)	0.68	Sampling Personnel	Clint Weaver & Richard Kotzur

Date	Time	Purge Volume (gal) This Period	Purge Volume (gal) Cumulative	Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	water Turbidity (NTUs)
12/16/08	0910	0.75	—		~~7.09~~ 7.72	20.0	1143	822.6	129		silty
	0915	0.75	1.50		7.71	20.2	1142	807.5	122		silty
	0917	0.75	2.25		7.70	20.5	1140	805.1	125		silty
	0919	0.50	2.75		7.71	20.5	1149	799.8	124		silty

Form Date: 01/24/07

Initial BC Date 12/16/08

GROUNDWATER SAMPLING FORM

TRC		Sample Location	Click C-MW-09	
		Client	RRC	
		Site	Click	
Depth to Water (ft)	Before Sampling	14.45	Sample Collection Time	1155
	After Sampling	—	Purge Method	Disposable Bailer
Total Depth (ft)		19.61	Sample Method	Disposable Bailer
Standing Water Column (ft)		5.16	Water Description	Dirty (Silty) Bad smell
One Purge Volume (gal)		0.87	Sampling Personnel	Clint Weaver & Richard Kotara

Date	Time	Purge Volume (gal)		Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
		This Period	Cumulative								
12/16/08	1135	1.0	—		7.07	19.8	6506	5244	-118		
	1140	1.0	2.0		7.07	20.0	6637	5368	-91		
	1145	1.0	3.0		7.06	20.0	6690	5414	-91		
	1150	0.5	3.5		7.04	20.6	6680	5406	-85		

Form Date: 01/24/07

Initial BC Date 12/16/08

GROUNDWATER SAMPLING FORM

TRC

Sample Location	~~Click~~ C-MW-17			
Client	RRC			
Site	Click			
Depth to Water (ft) — Before Sampling	31.50	Sample Collection Time	1010	
Depth to Water (ft) — After Sampling	—	Purge Method	Disposable Bailer	
Total Depth (ft)	43.90	Sample Method	Disposable Bailer	
Standing Water Column (ft)	12.40	Water Description	Silty	
One Purge Volume (gal)	2.11	Sampling Personnel	Clint Weaver & Richard Koteur	

Date	Time	Purge Volume (gal) This Period	Purge Volume (gal) Cumulative	Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Water Turbidity (NTUs)
12/16/08	0950	2.00	-		6.96	19.3	3997	3048	130		Silty
	0955	2.00	4.00		6.98	19.3	4070	3160	129		"
	1000	2.00	6.00		7.08	18.5	3330	2546	139		"
	1003	1.00	7.00		7.07	18.7	3433	2620	143		"
	1005	1.00	8.00		7.03	18.9	3451	2645	146		"
	1010	1.00	9.00		7.02	18.8	3426	2690	154		"

Form Date: 01/24/07

Initial BC Date 12/16/08

GROUNDWATER SAMPLING FORM

TRC		Sample Location	C-MW-09-19	
		Client	RRC	
		Site	Click	
Depth to Water (ft)	Before Sampling	13.57	Sample Collection Time	1115
	After Sampling	—	Purge Method	Disposable Bailer
Total Depth (ft)		18.46	Sample Method	Disposable Bailer
Standing Water Column (ft)		4.89	Water Description	Silty
One Purge Volume (gal)		0.83	Sampling Personnel	Clint Weaver & Richard Fortner

Date	Time	Purge Volume (gal)		Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
		This Period	Cumulative								
12/16/08	1100	1.0	—		7.12	18.4	5196	4115	20		
	1105	1.0	2.0		7.14	19.2	5054	4000	8		
	1110	1.0	3.0		7.14	19.5	4935	3892	5		
	1112	0.5	3.5		7.11	19.7	4911	3884	8		
	1115	0.5	4.0		7.10	20.1	4990	3893	7		

Form Date: 01/24/07

Initial RKF Date 12/16/08

GROUNDWATER SAMPLING FORM

TRC	Sample Location	C-WW-01		
	Client	RRC		
	Site	Click		
Depth to Water (ft) — Before Sampling	27.33	Sample Collection Time	1130	
Depth to Water (ft) — After Sampling	—	Purge Method	Disposable Bailer	
Total Depth (ft)	—	Sample Method	Disposable Bailer	
Standing Water Column (ft)	—	Water Description	Clear, odor	
One Purge Volume (gal)	—	Sampling Personnel	BC	

Date	Time	Purge Volume (gal) This Period	Purge Volume (gal) Cumulative	Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
12/16/08	1126	0.25	0.25		7.25	20.1	14.34	12.99+	-124		
	1127	0.25	0.50		7.23	20.0	14.39	12.99	-128		
	1128	0.25	0.75		7.24	20.1	14.31	13.01	-128		

Form Date: 01/24/07

Initial BC Date 12/16/08

GROUNDWATER SAMPLING FORM

TRC

Sample Location	C-WW-02			
Client	RRC			
Site	Click			
Depth to Water (ft) — Before Sampling	24.21	Sample Collection Time	1035	
Depth to Water (ft) — After Sampling	—	Purge Method	Disposable Bailer	
Total Depth (ft)	—	Sample Method	Disposable Bailer	
Standing Water Column (ft)	—	Water Description	Silty + Dark	
One Purge Volume (gal)	—	Sampling Personnel	Clint Weaver & Richard Kotzur	

Date	Time	Purge Volume (gal) This Period	Purge Volume (gal) Cumulative	Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
12/16/08	1025	0.25	—		8.58	19.8	3783	2900	14		
	1027	0.25	0.50		8.46	19.9	3780	2885	22		
	1030	0.25	0.75		8.47	20.9	3735	2852	7		

Form Date: 01/24/07

Initial RKJ Date 12/16/08

GROUNDWATER SAMPLING FORM

TRC		Sample Location	C- WW-03	
		Client	RRC	
		Site	Click	
Depth to Water (ft)	Before Sampling	16.25	Sample Collection Time	0850
	After Sampling	—	Purge Method	Disposable Bailer
Total Depth (ft)		—	Sample Method	Disposable Bailer
Standing Water Column (ft)		—	Water Description	Clear
One Purge Volume (gal)		—	Sampling Personnel	Clint Weaver & Richard Kotcur

Date	Time	Purge Volume (gal)		Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
		This Period	Cumulative								
12/16	0840	0.25	-		9.05	18.1	1997	1464	139		
12/16	0845	0.25	0.50		7.36	20.4	1980	1449	134		
12/16	0850	0.25	0.75		7.08	20.2	1983	1452	113		

Form Date: 01/24/07

Initial RKS Date 12/16/16

GROUNDWATER SAMPLING FORM

TRC	Sample Location	C-5-03		
	Client	RRC		
	Site	Click		
Depth to Water (ft) — Before Sampling	—	Sample Collection Time	855	
Depth to Water (ft) — After Sampling	—	Purge Method	~~Disposable Bailer~~ NA	
Total Depth (ft)	—	Sample Method	~~Disposable Bailer~~ GRAB	
Standing Water Column (ft)	—	Water Description	Clear	
One Purge Volume (gal)	—	Sampling Personnel	BC	

Date	Time	Purge Volume (gal) This Period	Purge Volume (gal) Cumulative	Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
12/16/08	850				8.165	7.3°	1493	1113	138		

Form Date: 01/24/07

Initial BC Date 12/16/08

GROUNDWATER SAMPLING FORM

TRC		Sample Location	C-S-04	
		Client	RRC	
		Site	Click	
Depth to Water (ft)	Before Sampling	—	Sample Collection Time	1220
	After Sampling	—	Purge Method	~~Disposable Bailer~~ NA
Total Depth (ft)		—	Sample Method	~~Disposable Bailer~~ GRAB
Standing Water Column (ft)		—	Water Description	CLEAR
One Purge Volume (gal)		—	Sampling Personnel	Clint Weaver & Richard Kotzur

Date	Time	Purge Volume (gal)		Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
		This Period	Cumulative								
12/16/08	1220				8.08	7.3	1626	1196	112		

Form Date: 01/24/07

Initial BC Date 12/16/08

GROUNDWATER SAMPLING FORM

TRC	Sample Location	C-P-01
	Client	RRC
	Site	Click

Depth to Water (ft)	Before Sampling	—	Sample Collection Time	1205
	After Sampling	—	Purge Method	~~Disposable Bailer~~ NA
Total Depth (ft)		—	Sample Method	~~Disposable Bailer~~ GRAB
Standing Water Column (ft)		—	Water Description	Clear
One Purge Volume (gal)		—	Sampling Personnel	BC

Date	Time	Purge Volume (gal)		Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
		This Period	Cumulative								
12/6/08	1200				7.26	7.3	3441	2882	-79		

GROUNDWATER SAMPLING FORM

TRC

Sample Location			C-ST-01	
Client			RFC	
Site			Click	
Depth to Water (ft)	Before Sampling	—	Sample Collection Time	1110
	After Sampling	—	Purge Method	~~GRAB~~ (BL) —
Total Depth (ft)		—	Sample Method	GRAB
Standing Water Column (ft)		—	Water Description	Silty/clear
One Purge Volume (gal)		—	Sampling Personnel	RL

Date	Time	Purge Volume (gal)		Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
		This Period	Cumulative								
12/16/08	1100	—	—		7.64	7.2	911.1	663.1	141		

Form Date: 01/24/07

Initial BL Date 12-16-08

GROUNDWATER SAMPLING FORM

TRC

Sample Location			S-MW-02	
Client			RRC	
Site			West O' Daniel	
Depth to Water (ft)	Before Sampling	8.38	Sample Collection Time	1205
	After Sampling	—	Purge Method	Disposable Bailer
Total Depth (ft)		16.87	Sample Method	Disposable Bailer
Standing Water Column (ft)		8.49	Water Description	Clear
One Purge Volume (gal)		1.44.	Sampling Personnel	Clint Weaver + Richard Kotzur

Date	Time	Purge Volume (gal) This Period	Purge Volume (gal) Cumulative	Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
12/17/08	1145	1.50	—		6.53	19.1	56.65	66.34	164		
	1150	1.50	3.00		6.74	19.4	56.67	66.28	102		
	1155	150	4.50		6.59	19.4	56.87	66.68	112		
	1200	0.75	5.25		6.60	19.4	56.73	66.28	111		

GROUNDWATER SAMPLING FORM

TRC	Sample Location	~~S~~ MW-03	
	Client	RRC	
	Site	~~East~~ West O' Daniel	

Depth to Water (ft)	Before Sampling	16.55	Sample Collection Time	1125
	After Sampling	–	Purge Method	Disposable Bailer
Total Depth (ft)		25.45	Sample Method	Disposable Bailer
Standing Water Column (ft)		8.90	Water Description	Clear
One Purge Volume (gal)		1.51	Sampling Personnel	Clint Weaver & Richard Koteur

Date	Time	Purge Volume (gal)		Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
		This Period	Cumulative								
12/17/08	1105	1.50	–		6.46	19.8	44.22	47.90	201		
	1115	1.50	3.00		6.45	20.3	43.66	~~47.13~~ 46.13	189		
	1120	1.50	4.50		6.46	20.3	43.00	46.37	188		
	1125	0.50	5.00		6.46	20.7	42.94	46.17	184		

GROUNDWATER SAMPLING FORM

TRC		Sample Location	West O' Daniel S-MW-04	
		Client	RRC	
		Site	West O' Daniel	
Depth to Water (ft)	Before Sampling	22.93	Sample Collection Time	~~1330~~ 1330
	After Sampling	—	Purge Method	Disposable Bailer
Total Depth (ft)		28.48	Sample Method	Disposable Bailer
Standing Water Column (ft)		5.55	Water Description	~~clear~~ Silty
One Purge Volume (gal)		0.94	Sampling Personnel	Clint Weaver & Richard Kotara

Date	Time	Purge Volume (gal) This Period	Purge Volume (gal) Cumulative	Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
12/17/08	1315	1.0	—		6.80	21.4	56.57	65.65	255		
	1320	1.0	2.0		6.75	21.6	56.29	65.11	271		
	1325	1.0	3.0		6.76	21.3	56.19	65.30	271		
	1330	0.5	3.5		6.71	21.5	56.24	65.19	265		

Form Date: 01/24/07

Initial RKJ Date 12/17/08

GROUNDWATER SAMPLING FORM

TRC	Sample Location	S-MW-05	
	Client	RRC	
	Site	West of Daniel	

Depth to Water (ft)	Before Sampling	8.18	Sample Collection Time	NA (Not enough to sample)
	After Sampling	—	Purge Method	Disposable Bailer
Total Depth (ft)		8.36	Sample Method	Disposable Bailer
Standing Water Column (ft)		0.18	Water Description	[redacted]
One Purge Volume (gal)		0.03	Sampling Personnel	Clint Weaver & Richard Koteen

Date	Time	Purge Volume (gal)		Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
		This Period	Cumulative								
12/17/08	1225	0.03	—		6.71	16.6	45.1	49.51	20		
		Dry									

Form Date: 01/24/07

Initial BC Date 12-17-08

GROUNDWATER SAMPLING FORM

TRC	Sample Location	S-MW-06	
	Client	RRC	
	Site	West O' Daniel	

Depth to Water (ft)	Before Sampling	8.52	Sample Collection Time	1445
	After Sampling	—	Purge Method	Disposable Bailer
Total Depth (ft)		15.41	Sample Method	Disposable Bailer
Standing Water Column (ft)		6.89	Water Description	silty
One Purge Volume (gal)		1.17	Sampling Personnel	Clint Weaver & Richard Katzur

Date	Time	Purge Volume (gal)		Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
		This Period	Cumulative								
12/17/08	1425	1.0	—		6.48	20.0	46.03	50.11	156		
	1430	1.0	2.0		6.48	19.8	45.98	50.08	84		
	1435	R 1.0	3.0		6.51	19.7	45.97	50.07	100		
	1440	0.5	3.5		6.48	19.7	46.07	50.02	70		
	1442	0.5	4.0		6.47	19.7	46.08	50.08	73		
	1445	0.5	4.5		6.44	19.8	46.10	50.10	79		

Form Date: 01/24/07

Initial RKJ Date 12/17/08

GROUNDWATER SAMPLING FORM

TRC		Sample Location	S-MW-07	
		Client	RRC	
		Site	West O' Daniel	
Depth to Water (ft)	Before Sampling	21.48	Sample Collection Time	1535
	After Sampling	←	Purge Method	Disposable Bailer
Total Depth (ft)		35.58	Sample Method	Disposable Bailer
Standing Water Column (ft)		14.10	Water Description	Very Silty
One Purge Volume (gal)		2.40	Sampling Personnel	Clint Weaver & Richard Kotzur

Date	Time	Purge Volume (gal)		Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
		This Period	Cumulative								
12/17/08	1510	2.50	—		6.60	21.2	25.65	25.18	89		
	1520	2.50	5.0		6.50	20.9	25.55	25.07	144		
	1530	2.50	7.5		6.57	20.9	25.55	25.08	149		
	1535	1.50	9.0		6.58	20.5	25.57	25.12	142		

Form Date: 01/24/07

Initial RKS Date 12/17/08

GROUNDWATER SAMPLING FORM

TRC	Sample Location	~~RRC~~ S-S-01	
	Client	RRC	
	Site	WOD	

Depth to Water (ft)	Before Sampling	—	Sample Collection Time	1100
	After Sampling	—	Purge Method	~~Disposable Bailer~~ NA
Total Depth (ft)		—	Sample Method	~~Disposable Bailer~~ GRAB
Standing Water Column (ft)		—	Water Description	Blackish
One Purge Volume (gal)		—	Sampling Personnel	BC

Date	Time	Purge Volume (gal) This Period	Purge Volume (gal) Cumulative	Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
12-18-08	1058				6.95	11.4	42.02 m	46.83 t	-38		

Form Date: 01/24/07

Initial BC Date 12-18-08

GROUNDWATER SAMPLING FORM

TRC		Sample Location	S-S-02	
		Client	RRC	
		Site	WOD	
Depth to Water (ft)	Before Sampling	—	Sample Collection Time	900
	After Sampling	—	Purge Method	~~Disposable Bailer~~ NA
Total Depth (ft)		—	Sample Method	~~Disposable Bailer~~ GRAB
Standing Water Column (ft)		—	Water Description	Clear
One Purge Volume (gal)		—	Sampling Personnel	BL

Date	Time	Purge Volume (gal)		Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
		This Period	Cumulative								
12/18/08	850				7.93	10.8	41.11 m	46.09 t	58		

Form Date: 01/24/07

Initial BL Date 12-18-08

GROUNDWATER SAMPLING FORM

TRC	Sample Location	S-MW-52		
	Client	RRC		
	Site	WOD		
Depth to Water (ft) — Before Sampling	45.57	Sample Collection Time	1445	
Depth to Water (ft) — After Sampling	—	Purge Method	Disposable Bailer	
Total Depth (ft)	—	Sample Method	Disposable Bailer	
Standing Water Column (ft)	—	Water Description	Clear	
One Purge Volume (gal)	—	Sampling Personnel	BC	

Date	Time	Purge Volume (gal) This Period	Purge Volume (gal) Cumulative	Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
12.17.08	1435	0.25	0.25		7.13	20.5	65.38 m	82.91 t	-119		
	1437	0.25	0.50		7.13	20.4	65.41	82.99	-120		
	1438	0.25	0.75		7.12	20.5	65.40	83.02	-120		

Form Date: 01/24/07

Initial BC Date 12.17.08

Page 1 of 1

GROUNDWATER SAMPLING FORM

TRC		Sample Location	S-WW-53	
		Client	RRC	
		Site	WOD	
Depth to Water (ft)	Before Sampling	28.40	Sample Collection Time	1415
	After Sampling	—	Purge Method	Disposable Bailer
Total Depth (ft)		—	Sample Method	Disposable Bailer
Standing Water Column (ft)		—	Water Description	[redacted] Orangish Brown, no odor
One Purge Volume (gal)		—	Sampling Personnel	BC

Date	Time	Purge Volume (gal)		Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
		This Period	Cumulative								
12/17/08	1410	0.25	0.25		6.75	20.6	53.25 m	61.24 t	-35		
	1411	0.25	0.50		6.75	20.4	53.29	61.24	-32		
	1413	0.25	0.77		6.75	20.5	53.22	61.30	-31		

Form Date: 01/24/07

Initial BC Date 12/18/08

GROUNDWATER SAMPLING FORM

TRC			Sample Location	S-OB-01
			Client	RRC
			Site	WOOD
Depth to Water (ft)	Before Sampling	7.73 Ft	Sample Collection Time	945
	After Sampling	—	Purge Method	~~Bailer~~ NA
Total Depth (ft)		—	Sample Method	Disp. Bailer
Standing Water Column (ft)		—	Water Description	Brown
One Purge Volume (gal)		—	Sampling Personnel	BL

Date	Time	Purge Volume (gal)		Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
		This Period	Cumulative								
12/18/08	940				6.62	16.6	46.65 m	52.00 t	121		

Form Date: 01/24/07

Initial BL Date 12/18/08

GROUNDWATER SAMPLING FORM

TRC

Sample Location		S-Sump-01		
Client		RRI		
Site		WOD		
Depth to Water (ft)	Before Sampling	7.89 ft	Sample Collection Time	1000
	After Sampling	—	Purge Method	—
Total Depth (ft)		—	Sample Method	Disp Bailer
Standing Water Column (ft)		—	Water Description	Clear
One Purge Volume (gal)		—	Sampling Personnel	BC

Date	Time	Purge Volume (gal)		Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
		This Period	Cumulative								
12/14/08	955				6.61	15.4	42.64	48.68	151		

Form Date: 01/24/07

Initial BC Date 12-14-08

GROUNDWATER SAMPLING FORM

TRC		Sample Location	S-Sump-07	
		Client	RRC	
		Site	LOCO	
Depth to Water (ft)	Before Sampling	5.745	Sample Collection Time	1040
	After Sampling	—	Purge Method	—
Total Depth (ft)		—	Sample Method	Pump Bottle
Standing Water Column (ft)		—	Water Description	Clear - Micro-bubbles present
One Purge Volume (gal)		—	Sampling Personnel	TSL

Date	Time	Purge Volume (gal)		Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
		This Period	Cumulative								
12/18/08	1035				6.56	17.3	47.10	52.60	149		

Form Date: 01/24/07

Initial TSL Date 12.18.08

GROUNDWATER SAMPLING FORM

TRC

Sample Location	BEG MW-01		
Client	RRC		
Site	East O' Daniel		
Depth to Water (ft) – Before Sampling	14.01	Sample Collection Time	0915
Depth to Water (ft) – After Sampling	✓	Purge Method	Disposable Bailer
Total Depth (ft)	34.25	Sample Method	Disposable Bailer
Standing Water Column (ft)	20.24	Water Description	Clear
One Purge Volume (gal)	3.44	Sampling Personnel	Clint Weaver & Richard Kotcur

Date	Time	Purge Volume (gal) This Period	Purge Volume (gal) Cumulative	Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
12/18/08	0855	3.50	—		6.60	19.7	30.55	30.95	193		
	0905	3.50	7.00		6.59	20.0	30.55	30.76	189		
	0915	3.50	9.50		6.60	20.3	30.47	30.78	189		

Form Date: 01/24/07

Initial RKJ Date 12/18/08

GROUNDWATER SAMPLING FORM

TRC

Sample Location	BEG-MW-02		
Client	RRC		
Site	EOD		

Depth to Water (ft)	Before Sampling	8.38	Sample Collection Time	1520
	After Sampling	—	Purge Method	Disposable Bailer
Total Depth (ft)		16.57	Sample Method	Disposable Bailer
Standing Water Column (ft)		8.19	Water Description	Silty
One Purge Volume (gal)		1.5	Sampling Personnel	BC

Date	Time	Purge Volume (gal)		Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
		This Period	Cumulative								
12/17/08	1509	1.5	1.5		6.70	18.9	23.55	23.60	-53		
	1511	1.5	3.0		6.64	19.4	25.40	23.57	-57		
	1513	1.5	4.5		6.63	19.9	25.45	25.36	-57		
	1514	0.50	5.0		6.62	20.0	25.39	25.29	-55		

GROUNDWATER SAMPLING FORM

TRC

Sample Location	E-MW-05		
Client	RRC		
Site	East O' Daniel		
Depth to Water (ft) — Before Sampling	15.80	Sample Collection Time	1520
Depth to Water (ft) — After Sampling	—	Purge Method	Disposable Bailer
Total Depth (ft)	18.12	Sample Method	Disposable Bailer
Standing Water Column (ft)	2.32	Water Description	Clear
One Purge Volume (gal)	0.39	Sampling Personnel	Clint Weaver & Richard Kotzur

Date	Time	Purge Volume (gal) This Period	Purge Volume (gal) Cumulative	Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
12/16/08	1500	0.5	—		6.72	18.9	24.03	23.37	202		
	1505	0.5	~~0~~ 1.0		6.71	19.3	23.72	23.14	404		
	1510	0.5	1.5		6.64	19.4	23.76	23.16	454		
	1515	0.5	2.0		6.63	19.3	23.76	23.17	467		
	1520	0.5	2.5		6.62	19.3	23.78	23.13	465		

Form Date: 01/24/07

Initial RKJ Date 12/16/08

GROUNDWATER SAMPLING FORM

TRC			Sample Location	BE6-MW-06
			Client	RRC
			Site	EOD
Depth to Water (ft)	Before Sampling	19.74	Sample Collection Time	1330
	After Sampling		Purge Method	Disposable Bailer
Total Depth (ft)		27.84	Sample Method	Disposable Bailer
Standing Water Column (ft)		8.1	Water Description	Silty Red
One Purge Volume (gal)		1.25	Sampling Personnel	BC

Date	Time	Purge Volume (gal)		Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
		This Period	Cumulative								
12/17/08	1314	1.25	1.25		6.53	20.2	58.67	70.66	99		
	1317	1.25	2.5		6.54	21.4	57.72	68.65	91		
	1320	1.25	3.75		6.53	21.5	58.25	67.75	91		
	1325	0.75	4.50		6.54	21.0	57.25	68.43	92		

Form Date: 01/24/07

Initial BC Date 12.17.08

GROUNDWATER SAMPLING FORM

TRC

Sample Location	BEG-MW-07		
Client	RRC		
Site	EOD		

Depth to Water (ft)	Before Sampling	40.87	Sample Collection Time	1545
	After Sampling	—	Purge Method	Disposable Bailer
Total Depth (ft)		48.38	Sample Method	Disposable Bailer
Standing Water Column (ft)		7.51	Water Description	silty red
One Purge Volume (gal)		1.25	Sampling Personnel	BC

Date	Time	Purge Volume (gal) This Period	Purge Volume (gal) Cumulative	Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm) M	TDS (ppm) E	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
12/6/08	1522	1.25	1.25		7.04	20.4	14.84	13.44	150		silty red
	1527	1.25	2.50		7.00	20.8	12.71	11.15	141		"
	1530	1.25	3.75		7.02	20.8	11.38	9852	134		"
	1533	1.25	5.00		7.03	20.6	11.16	9679	135		"
	1535	0.75	5.75		7.05	20.6	11.17	9688	135		"
	1537	0.50	6.25		7.00	20.8	11.14	9708	136		"

Form Date: 01/24/07

Initial BC Date 12.16.08

GROUNDWATER SAMPLING FORM

TRC		Sample Location	B-MW-08	
		Client	RRC	
		Site	East O'Daniel	
Depth to Water (ft)	Before Sampling	14.74	Sample Collection Time	1600
	After Sampling	~	Purge Method	Disposable Bailer
Total Depth (ft)		28.14	Sample Method	Disposable Bailer
Standing Water Column (ft)		13.40	Water Description	Silty
One Purge Volume (gal)		2.28	Sampling Personnel	Clint Weaver & Richard Kotzur

Date	Time	Purge Volume (gal)		Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
		This Period	Cumulative								
12/16/08	1530	2.25	—		6.71	19.4	59.01	70.83	254		
	1540	2.25	4.50		6.69	19.7	59.02	69.87	285		
	1545	2.25	6.75		6.64	19.8	59.19	70.40	253		
	1550	1.00	7.75		6.62	19.9	59.12	70.12	260		
	1600	1.00	8.75		6.62	19.7	59.19	70.29	258		

GROUNDWATER SAMPLING FORM

TRC	Sample Location	BEG-MW-09	
	Client	RRC	
	Site	EOD	

Depth to Water (ft)	Before Sampling	21.15	Sample Collection Time	~~1455~~ BC 1450
	After Sampling	—	Purge Method	Disposable Bailer
Total Depth (ft)		25.9	Sample Method	Disposable Bailer
Standing Water Column (ft)		4.75	Water Description	Silty Red
One Purge Volume (gal)		0.75	Sampling Personnel	BC

Date	Time	Purge Volume (gal)		Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
		This Period	Cumulative								
12/16/08	1440	0.75	0.75		~~7.05~~	20.4	4841	3149	151		Silty Red
	1442	0.75	1.50		6.92	20.4	4839	3840	137		"
	1444	0.75	2.25		6.92	20.8	4822	~~3842~~	134		"
	1445	0.25	2.50		6.92	20.9	4820	3820	133		"

GROUNDWATER SAMPLING FORM

TRC	Sample Location	BEG-MW-10	
	Client	RRC	
	Site	East O' Daniel	

Depth to Water (ft)	Before Sampling	~~28.43~~ 15.76	Sample Collection Time	1425
	After Sampling	—	Purge Method	Disposable Bailer
Total Depth (ft)		28.43	Sample Method	Disposable Bailer
Standing Water Column (ft)		12.67	Water Description	Very Silty
One Purge Volume (gal)		2.15	Sampling Personnel	Clint Weaver & Richard Kotzur

Date	Time	Purge Volume (gal)		Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
		This Period	Cumulative								
12/16/08	1400	2.0	—		7.11	19.9	15.32	13.81	216		
	1410	2.0	4.0		6.68	19.5	15.54	14.02	198		
	1420	2.0	6.0		6.71	18.6	15.51	14.08	204		
	1425	1.0	7.0		6.69	19.0	15.46	13.95	204		

Form Date: 01/24/07

Initial RKJ Date 12/16/08

GROUNDWATER SAMPLING FORM

TRC			Sample Location	BEG-MW-011
			Client	RRC
			Site	East O' Daniel
Depth to Water (ft)	Before Sampling	19.43	Sample Collection Time	1045
	After Sampling	-	Purge Method	Disposable Bailer
Total Depth (ft)		28.28	Sample Method	Disposable Bailer
Standing Water Column (ft)		8.85	Water Description	Clear
One Purge Volume (gal)		1.50	Sampling Personnel	Clint Weaver + Richard Kotzur

Date	Time	Purge Volume (gal)		Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
		This Period	Cumulative								
12/17/08	1030	1.50	-		6.79	20.6	20.27	19.16	163		
	1035	1.50	3.00		6.77	20.7	20.70	19.65	177		
	1040	1.50	4.50		6.75	20.7	20.73	19.64	174		
	1045	0.75	5.25		6.76	20.7	20.74	19.53	172		

GROUNDWATER SAMPLING FORM

TRC		Sample Location	BEG-MW-12	
		Client	RRC	
		Site	East O'Daniel	
Depth to Water (ft)	Before Sampling	20.43	Sample Collection Time	1335
	After Sampling		Purge Method	Disposable Bailer
Total Depth (ft)		29.89	Sample Method	Disposable Bailer
Standing Water Column (ft)		9.46	Water Description	Very Silty
One Purge Volume (gal)		1.61	Sampling Personnel	Clint Weaver & Richard Kotzur

Date	Time	Purge Volume (gal)		Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
		This Period	Cumulative								
12/16/08	1310	1.50	-		7.33	17.4	3378	2580	153		
	1315	1.50	3.00		7.31	18.0	3401	2601	155		
	1320	1.50	4.50		7.24	17.9	3445	2687	150		
	1325	1.50	6.00		7.37	18.0	3432	2452	160		
	1330	0.75	6.75		7.36	18.4	3282	2496	167		
	1332	0.75	7.50		7.36	17.9	3245	2467	172		
	1335	0.75	8.25		7.32	18.1	3257	2470	176		

Form Date: 01/24/07

Initial RKJ Date 12/16/08

GROUNDWATER SAMPLING FORM

TRC		Sample Location	BEG - MW - 013	
		Client	RRC	
		Site	East O' Daniel	
Depth to Water (ft)	Before Sampling	29.94	Sample Collection Time	~~0~~ 0945
	After Sampling	–	Purge Method	Disposable Bailer
Total Depth (ft)		35.22	Sample Method	Disposable Bailer
Standing Water Column (ft)		5.28	Water Description	Silty
One Purge Volume (gal)		0.90	Sampling Personnel	Clint Weaver & Rachael Kotzur

Date	Time	Purge Volume (gal)		Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
		This Period	Cumulative								
12/17/08	0925	1.0	–		7.26	20.2	5090	4028	189		
	0930	1.0	2.0		7.16	20.4	5226	4130	193		
	0935	1.0	3.0		7.14	20.3	5275	4162	193		
	0940	0.5	3.5		7.13	20.3	5269	4145	195		
	0945	0.5	4.0		7.13	20.4	5200	4105	196		

Form Date: 01/24/07

Initial RKJ Date 12/17/08

GROUNDWATER SAMPLING FORM

TRC		Sample Location	BEG MW-014	
		Client	RRC	
		Site	East O' Daniel	
Depth to Water (ft)	Before Sampling	26.51	Sample Collection Time	1400
	After Sampling	—	Purge Method	Disposable Bailer
Total Depth (ft)		27.89	Sample Method	Disposable Bailer
Standing Water Column (ft)		1.38	Water Description	Silty
One Purge Volume (gal)		0.24	Sampling Personnel	Clint Weaver & Richard Kotzur

Date	Time	Purge Volume (gal)		Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
		This Period	Cumulative								
12/17/08	1010	0.25	0.25		7.08	18.8	14.28	12.78	-11		
	1012	~~0.25~~	Dry		6.99	19.0	14.20	12.67	-3		
		~~0.25~~									

Form Date: 01/24/07

Initial RKJ Date 12/17/08

GROUNDWATER SAMPLING FORM

TRC	Sample Location	PBG-MW-15		
	Client	RRC		
	Site	EOD		
Depth to Water (ft) — Before Sampling	21.37	Sample Collection Time	1245	
Depth to Water (ft) — After Sampling	—	Purge Method	Disposable Bailer	
Total Depth (ft)	32.50	Sample Method	Disposable Bailer	
Standing Water Column (ft)	11.13	Water Description	Silty Red	
One Purge Volume (gal)	2.0	Sampling Personnel	BC	

Date	Time	Purge Volume (gal) This Period	Purge Volume (gal) Cumulative	Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
12/17/08	1203	2.0	2.0		6.34	20.4	61.22	~~106.72~~ 75.72 t	65		
	1206	2.0	4.0		6.39	21.3	60.99	74.13	73		
	1209	2.0	6.0		7.06	20.8	60.47	73.03	-15		
	1213	1.0	7.0		6.48	21.3	60.35	72.95	22		
	1217	1.0	8.0		6.45	21.4	60.10	72.57	34		
	1220	1.0	9.0		6.41	21.2	60.23	72.83	43		
	1223	1.0	10.0		6.58	21.4	60.17	72.70	20		
	1228	1.0	11.0		6.58	21.5	60.34	72.83	12		
	1235	1.0	12.0		6.61	21.6	60.40	72.89	13		

Form Date: 01/24/07

Initial BC Date 12.17.08

GROUNDWATER SAMPLING FORM

TRC	Sample Location	E-MW-01		
	Client	RRC		
	Site	EOD		
Depth to Water (ft) — Before Sampling	—	Sample Collection Time	1400	
Depth to Water (ft) — After Sampling	—	Purge Method	~~Disposable Bailer~~ Faucet	
Total Depth (ft)	—	Sample Method	~~Disposable Bailer~~ GRAB	
Standing Water Column (ft)	—	Water Description	Clear	
One Purge Volume (gal)	—	Sampling Personnel	BC	

Date	Time	Purge Volume (gal)		Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
		This Period	Cumulative								
12/16/08	1350	~1.0 g	~1.0		7.08	15.0	2150	1594	123		

Form Date: 01/24/07

Initial BC Date 12.16.08

GROUNDWATER SAMPLING FORM

TRC	Sample Location	E-MW-02	
	Client	RRC	
	Site	EOD	

Depth to Water (ft)	Before Sampling	—	Sample Collection Time	1330
	After Sampling	—	Purge Method	~~Disposable Bailer~~ Faucet
Total Depth (ft)		—	Sample Method	~~Disposable Bailer~~ GRAB
Standing Water Column (ft)		—	Water Description	CLEAR
One Purge Volume (gal)		—	Sampling Personnel	BC

Date	Time	Purge Volume (gal)		Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
		This Period	Cumulative								
12/16/08	1325	~1.0	~1.0		7.22	19.2	2375	1795	128		
		~0.5	~1.5		7.21	19.1	2374	1799	127		
		~0.5	~2.0		7.22	19.2	2373	1791	127		

Form Date: 01/24/07

Initial BC Date 12.16.08

GROUNDWATER SAMPLING FORM

TRC	Sample Location	E-55-55	
	Client	RRC	
	Site	EOD	

Depth to Water (ft)	Before Sampling	—	Sample Collection Time	1130
	After Sampling	—	Purge Method	Disposable Bailer
Total Depth (ft)		—	Sample Method	Disposable Bailer
Standing Water Column (ft)		—	Water Description	Black, oily, H2S odor
One Purge Volume (gal)		—	Sampling Personnel	BC

Date	Time	Purge Volume (gal)		Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
		This Period	Cumulative								
12-17-08	1120				6.61	13.3	50.50 m	58.55 t	-187		

Form Date: 01/24/07

Initial BL Date 12-17-08

GROUNDWATER SAMPLING FORM

TRC	Sample Location	E-SS-56
	Client	RRC
	Site	EOD

Depth to Water (ft)	Before Sampling	—	Sample Collection Time	1100
	After Sampling	—	Purge Method	Disposable Bailer
Total Depth (ft)		—	Sample Method	Disposable Bailer
Standing Water Column (ft)		—	Water Description	CLEAR
One Purge Volume (gal)		—	Sampling Personnel	BC

Date	Time	Purge Volume (gal)		Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
		This Period	Cumulative								
12-17-08	1055				6.78	14.0	74.91	103.6	131		

Form Date: 01/24/07

Initial BC Date 12-17-08

GROUNDWATER SAMPLING FORM

TRC		Sample Location	E-55-57	
		Client	RRC	
		Site	EOD	
Depth to Water (ft)	Before Sampling	—	Sample Collection Time	1030
	After Sampling	—	Purge Method	~~Disposable Bailer~~ Faucet
Total Depth (ft)		—	Sample Method	Disposable Bailer Grab
Standing Water Column (ft)		—	Water Description	Clear, no odor
One Purge Volume (gal)		—	Sampling Personnel	BL

Date	Time	Purge Volume (gal)		Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
		This Period	Cumulative								
12/17/08	10:20				7.03	14.5	76.64 m	107.4 +	81		

Form Date: 01/24/07

Initial BL Date 12.17.08

GROUNDWATER SAMPLING FORM

TRC		Sample Location	E-55-58	
		Client	RRC	
		Site	EOD	
Depth to Water (ft)	Before Sampling	—	Sample Collection Time	945
	After Sampling	—	Purge Method	Disposable Bailer
Total Depth (ft)		—	Sample Method	Disposable Bailer
Standing Water Column (ft)		—	Water Description	silty Brown, odor
One Purge Volume (gal)		—	Sampling Personnel	BL

Date	Time	Purge Volume (gal) This Period	Purge Volume (gal) Cumulative	Depth to Water (ft)	pH (SU)	Temp (C)	Conductivity (u-siemens/cm)	TDS (ppm)	ORP (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTUs)
940	12/17/08				6.77	12.6	99.55 m	166.2 t	23		

Form Date: 01/24/07

Initial BL Date 12.18.08

ATTACHMENT 4

Analytical Data Tables

Table 1 – Click Analytical Results

Table 1 - Click Seep Analytical Results

Monitor Well Date	pH	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Sodium (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Iron (mg/L)	Barium (mg/L)	Carbonate (mg/L)	Bicarbonate (mg/L)	Hydroxide (mg/L)	TDS (mg/L)	TPH C6-C12 (mg/L)	TPH >C12-C28 (mg/L)	TPH >C28-C35 (mg/L)	TPH C6-C35 (mg/L)
Click MW 01																					
2/21/2001	6.6	<0.002	<0.005	<0.005	<0.005									<3	258.37						
Click MW 02																					
2/22/2001	7.00	<0.002	<0.005	<0.005	<0.005	957.15	758.86	471.29	478.96	83.84	11,373			<3.00	323.39		3,085.22				
8/20/2002						2,160															
5/26/2004						1,620															
4/20/2006						2,320															
6/23/2008		<0.0008	<0.002	<0.002	<0.003	2,790	1,030	996	765	122	15.8	0.819	0.0665	<10	236	<10	6,840	<0.69	<0.69	<0.69	<0.69
12/16/2008		<0.0008	<0.002	<0.002	<0.003	2,120	836	938	692	112	14.7	1.05	0.0593	<10	245	<10	5,180	<0.689	<0.689	<0.689	<0.689
Click MW 05																					
2/23/2001	7.70	<0.002	<0.005	<0.005	<0.005	39	81.65	114.95	44.09	14.58	39.10			<3.00	323.39		621.57				
8/20/2002						70.7															
5/26/2004						285															
4/21/2006						162															
12/14/2007						60.3															
6/24/2008		<0.0008	<0.002	<0.002	<0.003	76.6	87.3	107	80.1	12.4	2.08	0.360	0.106	<10	291	<10	644	<0.701	<0.701	<0.701	<0.701
12/16/2008		<0.0008	<0.002	<0.002	<0.003	53.3	76	122	66.4	12.3	2.59	0.353	0.0848	<10	299	<10	560	<0.685	<0.685	<0.685	<0.685
Click MW 06																					
2/23/2001	7.60	<0.002	<0.005	<0.005	<0.005	563.66	470.68	406.92	158.32	42.53	3.91			<3.00	164.75		1,810.77				
8/20/2002						508															
5/26/2004						365															
4/21/2006						345															
11/17/2006						224															
12/14/2007						356															
6/23/2008		<0.0008	<0.002	<0.002	<0.003	135	161	178	53.8	11.0	2.06	0.368	0.0738	<10	267	<10	797	<0.68	<0.68	<0.68	<0.68
12/16/2008		<0.0008	<0.002	<0.002	<0.003	112	126	185	50.8	11.1	2.39	0.595	0.0745	<10	264	<10	727	<0.690	<0.690	<0.690	<0.690
Click MW 09																					
2/23/2001	7.10	<0.002	<0.005	<0.005	<0.005	1,690.97	1,013.41	970.17	348.70	182.25	19.55			<3.00	555.26		4,780.31				
8/20/2002						1,580															
5/26/2004						1,490															
4/20/2006						715															
11/17/2006						964															
12/14/2007						1,160															
6/24/2008		<0.0008	<0.002	<0.002	<0.003	1,040	596	489	292	87.5	17.6	3.11	0.226	<10	338	<10	2,750	<0.703	<0.703	<0.703	<0.703
12/16/2008		<0.0008	<0.002	<0.002	<0.003	1,470	809	881	432	146	8.26	3.18	0.0704	<10	423	<10	3,970	0.808 J	<0.704	<0.704	0.808 J
Click MW 17																					
6/7/2001	7.55	0.0004	<0.0003	<0.0003	<0.001	1,620	416	612	496	100		0.22	0.36				3,244				
8/20/2002						1,340															
5/26/2004						1,590															
4/20/2006						1,320															
11/17/2006						1,070															
12/14/2007						1,030															
6/24/2008		<0.0008	<0.002	<0.002	<0.003	1,400	393	490	353	78.4	6.66	0.430	0.0862	<10	275	<10	3,470	<0.683	<0.683	<0.683	<0.683
12/16/2008		<0.0008	<0.002	<0.002	<0.003	1,370	272	558	427	115	9.45	0.509	0.107	<10	303	<10	3,250	<0.685	<0.685	<0.685	<0.685
Click MW 19																					
6/7/2001	7.56	0.0007	<0.0003	<0.0003	<0.001	1,180	797	642	299	115		0.80	0.21	<2.00	358		3,391				
8/20/2002						1,380															
5/26/2004						1,450															
4/20/2006						718															
11/17/2006						1,250															
12/14/2007						1,870															
6/24/2008		<0.0008	<0.002	<0.002	<0.003	1,870	1,140	988	424	165	16.6	0.587	0.0778	<10	431	<10	5,440	<0.671	<0.671	<0.671	<0.671
12/16/2008		<0.0008	<0.002	<0.002	<0.003	1,100	689	694	227	94.3	13.2	0.325	0.0508	<10	231	<10	2,900	<0.689	<0.689	<0.689	<0.689
Click Water Well WW 01																					
2/22/2001	7.10	<0.002	<0.005	<0.005	<0.005	5,236.40	587.86	2,484.85	847.28	166.14	15.24			<3.00	174.05		9,511.82				
8/20/2002						7,830															
5/26/2004						9,000															
4/21/2006						6,640															
11/17/2006						5,960															
Duplicate 11/17/2006						5,220															
12/14/2007						6,620															
Duplicate 2/14/2007						5,700															
6/24/2008		0.00726	0.00384 J	0.00227 J	<0.003	6,150	48.9	1800	1080	253	14.9	17.4	0.370	<10	23.1	<10	12,200	<0.693	<0.693	<0.693	<0.693
Duplicate 6/24/2008		0.00419	<0.002	<0.002	<0.003	5,920	21.0	1670	993	231	15.1	17.0	0.354	<10	<10	<10	13,500	<0.676	<0.676	<0.676	<0.676
12/16/2008		0.00953	0.00722	0.00276 J	<0.003	5,590	14.1	1760	879	229	15.5	8.91	0.266	<10	<10	<10	10,300	0.96 J	<0.702	<0.702	0.96 J
Duplicate 12/16/2008		0.00882	0.00515 J	0.00208 J	<0.003	5,290	18.3	1980	1130	292	16.7	14.4	0.432	<10	<10	<10	9,440	0.897 J	<0.692	<0.692	0.897 J

Table 1 - Click Seep Analytical Results

Monitor Well Date	pH	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Sodium (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Iron (mg/L)	Barium (mg/L)	Carbonate (mg/L)	Bicarbonate (mg/L)	Hydroxide (mg/L)	TDS (mg/L)	TPH C6-C12 (mg/L)	TPH >C12-C28 (mg/L)	TPH >C28-C35 (mg/L)	TPH C6-C35 (mg/L)
Click Water Well WW 02																					
2/23/2001	7.30	<0.002	<0.005	<0.005	<0.005	1,343.56	299.08	376.64	502.86	120.98	8.02			<3.00	204.66		2,855.80				
8/20/2002						1,300															
5/26/2004						1,770															
4/21/2006						1,150															
11/17/2006						1,340															
12/14/2007						1,100															
6/24/2008		<0.0008	<0.002	<0.002	<0.003	1,000	485	528	81.2	74.5	7.41	26.8	0.0352	<10	103	<10	2,220	<0.684	<0.684	<0.684	<0.684
12/16/2008		<0.0008	<0.002	<0.002	<0.003	853	399	547	80.6	85.7	8.38	6.49	0.0222	<10	115	<10	2,180	1.18 J	<0.692	<0.692	1.18 J
Click Water Well WW 03																					
2/23/2001	7.30	<0.002	<0.005	<0.005	<0.005	340.32	274.56	211.11	140.97	51.29	4.01			<3.00	303.88		1,326.14				
8/20/2002						408															
5/26/2004						475															
4/21/2006						340															
12/14/2007						152															
6/24/2008		<0.0008	<0.002	<0.002	<0.003	376	298	198	128	40.6	3.69	22.1	0.0978	<10	278	<10	1,310	<0.693	<0.693	<0.693	<0.693
12/16/2008		<0.0008	<0.002	<0.002	<0.003	292	282	225	128	42.3	4.02	11.5	0.0807	<10	269	<10	1,250	<0.689	<0.689	<0.689	<0.689
Click Pond P-01																					
2/14/2001						861.25															
8/20/2002						1,010															
5/26/2004						812															
4/20/2006						595															
11/17/2006						581															
12/14/2007						688															
6/24/2008		<0.0008	<0.002	<0.002	<0.003	990	608	570	123	86.4	19.3	0.0516 J	0.228	<10	53.7	<10	2,770	<0.687	<0.687	<0.687	<0.687
12/16/2008		<0.0008	<0.002	<0.002	<0.003	836	550	567	103	87.8	17.8	<0.05	0.184	11 J	37.5	<10	2,320	<0.690	<0.690	<0.690	<0.690
Click Seep S-01																					
5/26/2004						900															
4/21/2006						692															
Click Seep S-02																					
4/21/2006						9,150															
12/14/2007						1,240															
Click Seep S-03																					
12/14/2007						245															
6/24/2008		<0.0008	<0.002	<0.002	<0.003	212	240	187	85.9	22.8	2.56	<0.05	0.112	<10	335	<10	1,090	<0.683	<0.683	<0.683	<0.683
12/16/2008		<0.0008	<0.002	<0.002	<0.003	177	199	212	92	24.7	4.44	<0.05	0.0977	<10	343	<10	1,000	<0.691	<0.691	<0.691	<0.691
Click Seep S-04																					
12/14/2007						245															
6/24/2008		<0.0008	<0.002	<0.002	<0.003	294	579	275	139	29.2	13.8	2.92	0.501	<10	140	<10	1,500	<0.698	<0.698	<0.698	<0.698
12/16/2008		<0.0008	<0.002	<0.002	<0.003	200	197	230	104	25.6	3.84	0.316	0.129	<10	377	<10	1,040	<0.691	<0.691	<0.691	<0.691
Click Stock Tank ST-01																					
4/21/2006						1,220															
11/17/2006						93.7															
12/14/2007						437															
6/24/2008		<0.0008	<0.002	<0.002	<0.003	121	212	75.7	68.8	17.7	9.67	0.712	0.125	<10	78.7	<10	628	<0.706	<0.706	<0.706	<0.706
12/16/2008		<0.0008	<0.002	<0.002	<0.003	104	228	95.5	67.3	22.9	9.07	0.561	0.119	<10	63.1	<10	563	<0.701	<0.701	<0.701	<0.701

Notes:

mg/L	Milligrams per Liter
BTEX	Benzene, Toluene, Ethylbenzene, Xylenes
TPH	Total Petroleum Hydrocarbons
TDS	Total Dissolved Solids
J	Analyte detected between sample detection limit and reporting limit

Table 2 – West O’Daniel Analytical Results

Table 2 - West O'Daniel Seep Analytical Results

Monitor Well Date	Spec. Cond. (µmhos/cm)	Bicarbonate (mg/L)	Carbonate (mg/L)	Hydroxide (mg/L)	Total Alkalinity (mg/L)	TDS (mg/L)	pH	Benzene (mg/L)	Toluene (mg/L)	Ethyl benzene (mg/L)	Total Xylenes (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Nitrate (mg/L)	Bromide (mg/L)	Sodium (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Iron (mg/L)	Barium (mg/L)	TPH C6-C12 (mg/L)	TPH >C12-C28 (mg/L)	TPH >C28-C35 (mg/L)	TPH C6-C35 (mg/L)
West O'Daniel Seep MW 01																									
2/21/2001	58,000	258.37	<3		258.37	38,131.2	6.60					21432.6	1976.14			8972.19	4313.2	1,150.63	28.07						
West O'Daniel Seep MW 02																									
6/16/2001	54,200	293.00	<2		293	37,415.0	6.59	<0.0004	<0.0003	<0.0003	<0.001	22,000	1,810			9,630	2,780	902		0.273	0.1340				
8/20/2002												28,300													
4/13/2006	73,100	259.00	<10	<10	259	40,719.7	6.45	0.00129	<0.005	<0.005	<0.005	23,700	2,130	<1	56.5	9,410	3,980	1,210	30.7	1.970	0.0959				
4/13/2006	74,000	259.00	<10	<10	259	41,359.9	6.47	<0.005	<0.005	<0.005	<0.005	24,300	2,140	<1	56.7	9,440	3,990	1,200	30.9	5.480	0.1050				
6/8/2007	58,500	250.00	<10	<10	250	49,000.0	6.55					25,800	2,310			9,630	3,730	950	34.1	1.260	0.0886				
6/8/2007	59,000	250.00	<10	<10	250	49,400.0	6.56					26,300	2,470			10,200	3,530	966	33.7	1.160	0.0879				
5/21/2008	86,800	262.00	<1			43,300.0	6.65					13,100	16,200			8,910	3,040	890	56.1	0.080	0.0440				
6/24/2008		260.00	<10	<10	260	46,800.0		<0.0008	<0.002	<0.002	<0.003	24,000	2,290			9,200	3,100	783	24.8	2.20	0.0831 J	<0.668	<0.668	<0.668	<0.668
12/17/2008		260.00	<10	<10	260	44,400.0		<0.0008	<0.002	<0.002	<0.003	20,900	2,040			8,390	2,820	791	23.6	1.10 J	0.0845 J	<0.662	<0.662	<0.662	<0.662
West O'Daniel Seep MW 03																									
4/13/2006	67,000	123.00	<10	<10	123	38,465.3	6.61	<0.005	<0.005	<0.005	<0.005	22,300	1,930	1.24	56.1	9,240	3,780	1,080	12.3	0.550	0.1080				
6/7/2007	44,600	206.00	<10	<10	206	36,400.0	6.54					18,400	1,980			6,230	2,690	851	11.1	0.642	0.1010				
6/24/2008		209.00	<10	<10	209	38,200.0		<0.0008	<0.002	<0.002	<0.003	19,200	1850			6,350	3,080	742	9.33	0.656	0.101	<0.684	<0.684	<0.684	<0.684
12/17/2008		201.00	<10	<10	201	33,400.0		<0.0008	<0.002	<0.002	<0.003	15,300	1590			5,750	2,910	815	10.0	0.674 J	0.1100	<0.671	<0.671	<0.671	<0.671
West O'Daniel Seep MW 04																									
4/13/2006	90,500	180.00	<10	<10	180	50,925.0	6.67	0.0083	<0.005	<0.005	<0.005	29,600	2,780	29.40	69.2	14,200	3,230	728	207.0	1.750	0.2230				
4/13/2006	90,800	181.00	<10	<10	181	52,851.0	6.65	0.00692	<0.005	<0.005	<0.005	29,600	2,850	33.70	74.9	16,000	3,250	756	214.0	1.890	0.2240				
6/8/2007	66,000	139.00	<10	<10	139	52,900.0	6.67					28,800	2,740			12,800	2,950	643	211.0	1.310	0.1610				
5/21/2008	96,600	142.00	<1			45,000.0	6.95					21,500	3,820			11,600	2,050	560	260.0	0.050	0.0700				
6/24/2008		153	<10	<10	153	48,400.0		0.00152 J	<0.002	<0.002	<0.003	25,200	2,480			11,600	2,100	526	160	0.525	0.127	<0.661	<0.661	<0.661	<0.661
12/17/2008		161	<10	<10	161	41,400.0		0.00118 J	<0.002	<0.002	<0.003	21,300	2,190			11,700	1,970	507	167.0	0.308	0.104	<0.662	<0.662	<0.662	<0.662
Duplicate 12/17/08		161	<10	<10	161	41,100.0		0.00134 J	<0.002	<0.002	<0.003	20,800	2,130			9,850	1,870	497	163.0	0.397	0.106	<0.663	<0.663	<0.663	<0.663
West O'Daniel Seep MW 05																									
4/14/2006	56,800	264.00	<10	<10	264	31.886.3	6.71	<0.005	<0.005	<0.005	<0.005	17,100	1,710	<1	44.3	9,130	2,930	730	22.3	5.500	0.4970				
6/8/2007	43,300	262.00	<10	<10	262	34,200.0	6.59					17,900	1,620			7,480	2,960	602	24.2	9.470	0.2540				
5/21/2008	71,800	252.00	<1			33,500.0	6.77					17,300	2,500			7,420	2,540	680	44.8	10.600	0.1430				
6/24/2008		257.00	<10	<10	257	37,300.0		<0.0008	<0.002	<0.002	<0.003	19,700	1,620			7,320	3,190	732	15.9	15.1	0.404	<0.677	<0.677	<0.677	<0.677
West O'Daniel Seep MW 06																									
4/14/2006	55,800	188.00	<10	<10	188	30,047.9	6.39	<0.005	<0.005	<0.005	<0.005	17,600	1,380	1.27	43.6	6,060	3,810	975	34.9	5.060	0.5210				
6/4/2007	38,000	234.00	<10	<10	234	31,200.0	6.54					16,100	1,260			5,790	3,050	827	32.9	2.830	0.3350				
6/25/2008		221.00	<10	<10	221	40,100.0		<0.0008	<0.002	<0.002	<0.003	19,500	1,630			6,390	3,440	908	31.7	2.44	0.261	<0.672	<0.672	<0.672	<0.672
12/17/2008		249.00	<10	<10	249	37,100.0		<0.0008	<0.002	<0.002	<0.003	17,000	1,430			5,850	3,000	831	31.4	0.664 J	0.1660	<0.666	<0.666	<0.666	<0.666
West O'Daniel Seep MW 07																									
4/14/2006	24,400	119.00	<10	<10	119	12,542.6	6.73	<0.005	<0.005	<0.005	<0.005	7,540	480	ND	20.1	1,950	1,670	746	37.6	0.833	0.3730				
6/4/2007	25,200	223.00	<10	<10	223	22,100.0	6.56					8,490	690			2,040	2,680	705	23.0	1.630	0.1850				
6/24/2008		224.00	<10	<10	224	22,600.0		<0.0008	<0.002	<0.002	<0.003	10,000	683			2,060	2,180	538	20.4	<0.5	0.120	<0.683	<0.683	<0.683	<0.683
12/17/2008		246.00	<10	<10	246	20,400.0		<0.0008	<0.002	<0.002	<0.003	8,990	653			2,090	2,290	618	23.2	0.510 J	0.1550	<0.680	<0.680	<0.680	<0.680
West O'Daniel Seep Water Well 52																									
6/4/2007	66,500	119.00	<10	<10	119.00	52,900.0	6.59					31,400	3,060			13,300	2,940	925	74.4	0.261	0.1570				
6/25/2008		121.00	<10	<10	121	54,700.0		<0.0008	<0.002	<0.002	<0.003	29,100	2,890			11,800	2,800	790	73.9	0.680 J	0.154	<0.678	<0.678	<0.678	<0.678
12/17/2008		356.00	<10	<10	356	51,000.0		<0.0008	<0.002	<0.002	<0.003	26,800	2,400			11,400	2,930	812	84.8 J	0.672	0.1530	<0.663	<0.663	<0.663	<0.663
West O'Daniel Seep Water Well 53																									
4/14/2006	67,400	70.50	<10	<10	70.50	36,947.0	6.45	<0.005	<0.005	<0.005	<0.005	21,000	2,090	19.80	54.7	8,890	3,560	1,280	56.5	9.930	0.1990				
6/4/2007	49,100	83.80	<10	<10	83.80	42,000.0	6.53					21,500	2,290			7,450	3,090	1,080	49.3	38.300	0.1620				
6/25/2008		91.00	<10	<10	91.0	43,200.0		<0.0008	<0.002	<0.002	<0.003	21,700	2,260			7,550	3,050	922	47.5	14.9	0.171	<0.669	<0.669	<0.669	<0.669
12/17/2008		85.70	<10	<10	85.7	42,100.0		<0.0008	<0.002	<0.002	<0.003	19,400	2,150			6,900	3,320	1,060	60.8 J	101.000	0.1840	<0.670	<0.670	<0.670	<0.670

Table 2 - West O'Daniel Seep Analytical Results

Monitor Well Date	Spec. Cond.	Bicarbonate	Carbonate	Hydroxide	Total Alkalinity	TDS	pH	Benzene	Toluene	Ethyl benzene	Total Xylenes	Chloride	Sulfate	Nitrate	Bromide	Sodium	Calcium	Magnesium	Potassium	Iron	Barium	TPH C6-C12	TPH >C12-C28	TPH >C28-C35	TPH C6-C35
	(µmhos/cm)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
West O'Daniel Seep Sump 01																									
5/21/2008	63,400	1,260.00	<1			31,300.0	6.27					16,100	1,850			7,630	2,230	620	44.4	5.050	0.2890				
6/9/2008	75,400	820.00	<1			31,300.0	6.39					16,100	1,150			5,780	2,480	660	34.8	2.670	0.6100				
6/26/2008	61,200	355.00	<10	<10	355	37,200.0		<0.0008	<0.002	<0.002	<0.003	18,600	1,690			7,440	2,460	726	10.8	1.00	0.270	<0.676	<0.676	<0.676	<0.676
12/18/2008		289.00	<10	<10	289.00	30,900.0		<0.0008	<0.002	<0.002	<0.003	15,600	1,450			6,000	2,430	717	10.9	2.980	0.0961	<0.668	<0.668	<0.668	<0.668
West O'Daniel Seep Sump 02																									
5/21/2008	50,900	1,230.00	<1			27,800.0	6.47					14,600	1,820			6,730	1,660	440	28.1	9.820	0.5160				
6/9/2008	79,500	430.00	<1			34,000.0	6.58					18,500	2,380			7,940	2,230	560	16.9	3.040	0.2400				
6/26/2008	58,600	497.00	<10	<10	497	35,200.0		<0.0008	<0.002	<0.002	<0.003	17,000	1,830			7,470	2,040	531	9.63	1.57	0.206	<0.668	<0.668	<0.668	<0.668
12/18/2008		260.00	<10	<10	260.00	34,600.0		<0.0008	<0.002	<0.002	<0.003	18,000	1,640			7,510	2,250	596	9.3	14.600	0.1060	<0.668	<0.668	<0.668	<0.668
West O'Daniel Seep Observation Well OB 01																									
5/21/2008	70,500	650.00	<1			31,800.0	6.44					16,200	1,650			6,050	2,460	690	43.8	1.840	0.1910				
6/26/2008	48,000	817.00	<10	<10	817	30,800.0		<0.0008	<0.002	<0.002	<0.003	14,400	861			4,700	2,400	726	14.8	<0.5	1.01	<0.676	<0.676	<0.676	<0.676
6/26/2008	49,200	823.00	<10	<10	823	31,300.0		<0.0008	<0.002	<0.002	<0.003	14,400	815			4,270	2,260	758	14.0	<2.5	1.00	<0.669	<0.669	<0.669	<0.669
12/18/2008		269.00	<10	<10	269.00	36,000.0		<0.0008	<0.002	<0.002	<0.003	16,700	1,600			6,290	3,000	892	14.1	19.100	0.2240	<0.669	<0.669	<0.669	<0.669
West O'Daniel Seep Observation Well OB 02																									
5/21/2008	18,100	2,400.00	<1			11,800.0	8.33					2,060	712			3,230	385	112	39.4	44.400	1.1100				
6/26/2008	54,600	543.00	<10	<10	543	36,500.0		<0.0008	<0.002	<0.002	<0.003	16,600	1,880			4,970	3140	845	11.8	48.9	0.546	<0.682	<0.682	<0.682	<0.682
West O'Daniel Seep 01																									
4/14/2006	63,400	111.00	<10	<10	111.00	36,615.9	7.23					20,200	1,830	<1	52.0	9,780	3,590	1,070	34.9	3.050	0.2050				
6/8/2007	44,900	95.80	<10	<10	95.80	36,800.0	7.00					19,600	1,770			7,120	2,830	813	28.2	3.050	0.1250				
6/24/2008		121.00	<10	<10	121	42,600.0		<0.0008	<0.002	<0.002	<0.003	21,400	1,810			8,230	2,390	686	30.9	4.00	0.281	<0.678	<0.678	<0.678	<0.678
12/18/2008		286.00	<10	<10	286.00	30,900.0		<0.0008	<0.002	<0.002	<0.003	16,000	1,200			5,940	2,210	629	15.6	21.900	0.1790	<0.680	<0.680	<0.680	<0.680
West O'Daniel Seep 02																									
4/14/2006	46,200	83.90	<10	<10	83.90	25,648.5	7.13					14,800	1060*	<1	37.8	5,400	3,240	1,050	14.6	1.790	0.2160				
6/25/2008		152.00	<10	<10	152	35,100.0		<0.0008	<0.002	<0.002	<0.003	16,800	1,280			5,350	2,910	785	18.1	0.526 J	0.476	<0.681	<0.681	<0.681	<0.681
12/18/2008		242.00	<10	<10	242.00	32,500.0		<0.0008	<0.002	<0.002	<0.003	15,200	1,350			5,310	3,190	912	13.1	0.116 J	0.1290	<0.671	<0.671	<0.671	<0.671
West O'Daniel Seep Pump Effluent																									
5/21/2008	60,600	840.00	<1			29,600.0	6.38					12,000	1,640			6,590	1,770	460	48.5	7.720	0.3360				
6/9/2008	50,300	350.00	<1			38,400.0	6.53					21,300	2,680			10,500	3,600	950	28.1	1.230	0.1300				
6/26/2008	58,200	494.00	<10	<10	494	36,000.0		<0.0008	<0.002	<0.002	<0.003	17,900	1,670			6,650	2,150	622	11.0	1.23	0.495	<0.69	<0.69	<0.69	<0.69
12/18/2008		254.00	<10	<10	254.00	35,800.0		<0.0008	<0.002	<0.002	<0.003	16,900	1,730			7,450	2,300	640	9.3	22.600	0.1060	<0.679	<0.679	<0.679	<0.679

Notes:

mg/L	Milligrams per Liter
BTEX	Benzene, Toluene, Ethylbenzene, Xylenes
TPH	Total Petroleum Hydrocarbons
TDS	Total Dissolved Solids
µmhos/cm	Microohms per centimeter
J	Analyte detected between sample detection limit and reporting limit
*	Analytical result rejected during QA process based on MS/MSD recoveries

Table 3 –O’Daniel Analytical Results

Table 3 - O'Daniel Seep Analytical Results

Monitor Well Date	Spec Cond. (µmhos/cm)	Total Alkalinity (mg/L)	pH	Benzene (mg/L)	Toluene (mg/L)	Ethyl benzene (mg/L)	Total Xylenes (mg/L)	Chloride (mg/L)	Sulfate (mg/L)	Nitrate (mg/L)	Bromide (mg/L)	Sodium (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Potassium (mg/L)	Iron (mg/L)	Barium (mg/L)	Carbonate (mg/L)	Bicarbonate (mg/L)	Hydroxide (mg/L)	TDS (mg/L)	Bromide (mg/L)	Chromium (mg/L)	Diluted Conductivity (µmhos/cm)	Fluoride (mg/L)	Lithium (mg/L)	Strontium (mg/L)	Vanadium (mg/L)	Nickel (mg/L)	Anion / Cation (Unitless)	Chloride/Bromide (mg/L)	TPH C6-C12 (mg/L)	TPH >C12-C28 (mg/L)	TPH >C28-C35 (mg/L)	TPH C6-C35 (mg/L)
East O'Daniel Seep BEG-MW-01																																			
4/1/1999	32,200.00	279	7.89	<0.005	<0.005	<0.005	<0.005	11,620	1,062	4.00		5,000	1,826	831	<0.005	<0.1	0.05					29.00	<0.05	49,000.00		<0.1	0.93	1.80	<0.05		902				
6/25/2008		211		<0.0008	<0.002	<0.002	<0.003	11,100	915			3,800	1,600	610	26.3	0.458 J	0.103	<10	211	<10	24,300											<0.688	<0.688	<0.688	<0.688
12/18/2008				<0.0008	<0.002	<0.002	<0.003	10,300	870			3,630	1,530	607	31	0.0614 J	0.0713	<10	225	<10	23,000											<0.687	<0.687	<0.687	<0.687
East O'Daniel Seep BEG-MW-02																																			
4/1/1999	62,100.00	243	7.59	0.00505	<0.005	<0.005	<0.005	26,954	2,053	<1		8,810	3,820	1,351	68.00	<0.1	0.19					63.00	<0.05	111,000.00		<0.1	2.80	4.10	<0.05		963				
Resample 4/1/1999		225						13,000	1,030	41.90		4,810	1,450	588.00	37.90							95.50		N/C*		1.54	29.50			17.65	306				
6/25/2008		515		<0.0008	<0.002	<0.002	<0.003	5,070	570			2,220	644	236	4.67	3.95	0.0945	<10	515	<10	10,200											<0.672	<0.672	<0.672	<0.672
12/17/2008				<0.0008	<0.002	<0.002	<0.003	10,400	960			3,900	1200	437	6.16	3.48	0.116	<10	521	<10	18,400											<0.666	<0.666	<0.666	<0.666
East O'Daniel Seep BEG-MW-05																																			
4/1/1999	17,930.00	389	7.75	0.00736	<0.005	<0.005	<0.005	5,779	1,487	14.00		2,815	779	510	<5	<0.1	0.06					18.00	<0.05	25,700.00		<0.1	20.00	1.00	<0.05		723				
Resample 4/1/1999		305						5,680	1,010	50.10		2,470	784	452	44.10							60.40		N/C		1.81	34.40			3.46	212				
6/25/2008		273		<0.0008	<0.002	<0.002	<0.003	9,280	1,970			2,250	1,540	922	41.3	0.0734 J	0.0452	<10	273	<10	21,300											<0.683	<0.683	<0.683	<0.683
12/16/2008				<0.0008	<0.002	<0.002	<0.003	8,790	1,740			2,530	1,560	1020	39.4	0.103 J	0.0503	<10	286	<10	18,400											<0.669	<0.669	<0.669	<0.669
East O'Daniel Seep BEG-MW-06																																			
9/9/1998		393	7.63	0.00775	<0.005	<0.005	<0.005	26,565	3,214	<1	650	15,980	2,277	788	459	<0.1	0.15				49,676														
4/1/1999	69,100.00	393	7.63	7.75	<0.005	<0.005	<0.005	26,565	3,214	<1		15,980	2,277	788	459	<0.1	0.15					65.00	<0.05	106,000.00	<1	17.00	21.00	2.70	<0.05		920				
4/13/2006		260	6.42	0.494	<0.005	<0.005	<0.005	32,600	3,310	6.51	85	18,800	2,670	757	313	0.192	0.141				58,710														
6/7/2007		231	6.57					32,700	3,430			15,500	2,630	706	294	0.610	0.133				57,900														
6/25/2008		201		0.0152	<0.002	<0.002	<0.003	26,200	2,930			12,400	2,040	523	211	0.407	0.109	<10	201	<10	52,300											<0.663	<0.663	<0.663	<0.663
Duplicate 6/25/2008		195		0.0183	<0.002	<0.002	<0.003	27,300	2,820 J			11,700	1,960	524	212	0.305	0.108	<10	195	<10	54,200											<0.674	<0.674	<0.674	<0.674
12/17/2008				0.0952	<0.002	<0.002	<0.003	20,200	2,620			10,300	1,990	482	217	0.4	0.0946	<10	241	<10	43,200											0.675 J	<0.662	<0.662	0.675 J
Duplicate 12/17/08				0.0972	<0.002	<0.002	<0.003	20,900	2,650			10,000	2,260	490	207	0.728	0.103	<10	240	<10	42,300											<0.664	<0.664	<0.664	<0.664
East O'Daniel Seep BEG-MW-07																																			
4/1/1999	50,600.00	353	7.49	6.26	13.1	<0.005	<0.005	18,541	2,433	8.00		12,360	1,754	495	176.00	<0.1	0.08					47.00	<0.05	77,600.00	<1	605.00	1.70	1.50	<0.05		888				
Resample 4/1/1999		275						20,500	2,420	92.60		9,740	1,660	437	283.00							175.00		N/C		4.09	35.8			15.24	264				
6/7/2007		245	6.92					5,980	807			3,230	804	154	64.6	2.03	0.155				11,400														
6/25/2008		237		0.376	<0.002	<0.002	<0.003	4,650	669			2,200	552	110	43.3	1.08	0.127	<10	237	<10	9,320											<0.692	<0.692	<0.692	<0.692
12/16/2008				0.394	<0.01	<0.01	<0.015	3,780	608			2,540	738	125 J	43.9	1.96	0.138	<10	260	<10	8,620											0.799 J	<0.687	<0.687	0.799 J
East O'Daniel Seep BEG-MW-08																																			
4/1/1999	70,700.00	318	7.53	1.12	<0.005	<0.005	<0.005	29,907	2,722	42.00		16,120	2,753	724	209.00	0.10	<0.05					70.00	<0.05	110,000.00		6.70	3.80	0.49	<0.05		962				
6/25/2008		206		0.00218	<0.002	<0.002	<0.003	27,200	2,790			12,100	2,110	556	205	0.981	0.107	<10	206	<10	50,400											<0.671	<0.671	<0.671	<0.671
12/16/2008				0.00319	<0.002	<0.002	<0.003	24,000	2,230			12,600	1,900	462	176	5.12 J	0.191	<10	217	<10	43,900											<0.664	<0.664	<0.664	<0.664
East O'Daniel Seep BEG-MW-09																																			
4/1/1999	6,730.00	293	7.97	<0.005	<0.005	<0.005	<0.005	1,889	893	61.00		482	771	174	<5	<0.1	<0.05					9.00	<0.05	9,450.00		<0.1	1.70	<0.05	<0.05		472				
6/23/2008		231		<0.0008	<0.002	<0.002	<0.003	2,310	1,020			720	1,060	135	13.1	0.919	0.0665	<10	231	<10	6,120											<0.698	<0.698	<0.698	<0.698
12/16/2008				<0.0008	<0.002	<0.002	<0.003	1,140	702			543	806	83	10.7	1.05	0.068	<10	225	<10	3,270											<0.696	<0.696	<0.696	<0.696
East O'Daniel Seep BEG-MW-10																																			
4/1/1999	6,810.00	382	8.12	<0.005	<0.005	<0.005	<0.005	1,846	1,390	46.00		639	571	227	<5	<0.1	<0.05					9.00	<0.05	10,100.00		<0.1	2.40	0.74	<0.05		462				
6/23/2008		297		<0.0008	<0.002	<0.002	<0.003	4,920	1,830			1,570	1,260	347	<20	1.04	0.0773	<10	297	<10	12,000											<0.681	<0.681	<0.681	<0.681
12/16/2008				<0.0008	<0.002	<0.002	<0.003	4,770	1,660			1,840	1,210	388	13.8	0.653	0.0643	<10	308	<10	12,800											<0.673	<0.673	<0.673	<0.673
East O'Daniel Seep BEG-MW-11																																			
8/29/1998		306	8.43	<0.005	<0.005	<0.005	<0.005	521	253	30.8	3.96	366	127	28.7	6.61	0.0174					1,557.61														
4/1/1999	2,710.00	306	8.43	<0.005	<0.005	<0.005	<0.005	538	244	25.0		280	137	38.00	<5	<0.1	0.20					2.00	<0.05	N/C		<0.1	<0.05	<0.05	<0.05		605				
Resample 4/1/1999		255						521	253	30.80		366	127	28.70	6.61							3.96		N/C		0.02	1.75			6.02	296				
2/22/2001		213.56	7.40	<0.002	<0.005	<0.005	<0.005	1,244.30	504.3			395.42	456.91	103.28	394.91						3,312.68														
4/13/2006		112	6.78	<0.005	<0.005	<0.005	<0.005	10,400	1,080	3.92	25.5	2,650	2,750	632	20.3	0.0984	0.096				17,644.30														
6/7/2007		121	6.84	no data				9,130	940			2,020	2,150	496	19.3	<0.500	0.115				19,300														
6/24/2008		135		<0.0008	<0.002	<0.002	<0.003	8,310	1,010			2,000	2,040	473	<20	2.16	0.0983	<10	135	<10	19,200											<0.684	<0.684	<0.684	<0.684
12/17/2008				<0.0008	<0.002	<0.002	<0.003	7,470	853			1,860	1,870	475	16.8	0.408	0.0936	<10	148	<10	16,300											<0.675	<0.675	<0.675	<0.675

Table 3 - O'Daniel Seep Analytical Results

Monitor Well Date	Spec Cond.	Total Alkalinity	pH	Benzene	Toluene	Ethyl benzene	Total Xylenes	Chloride	Sulfate	Nitrate	Bromide	Sodium	Calcium	Magnesium	Potassium	Iron	Barium	Carbonate	Bicarbonate	Hydroxide	TDS	Bromide	Chromium	Diluted Conductivity	Fluoride	Lithium	Strontium	Vanadium	Nickel	Anion / Cation	Chloride/Bromide	TPH C6-C12	TPH >C12-C28	TPH >C28-C35	TPH C6-C35
	(µmhos/cm)	(mg/L)		(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(µmhos/cm)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(Unitless)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
East O'Daniel Seep BEG-MW-12																																			
4/1/1999	2,390.00	377	8.44	<0.005	<0.005	<0.005	<0.005	485	170	33.00		352	88	58.00	<5	<0.1	0.07					2.00	<0.05	N/C		<0.1	0.58	<0.05	<0.05		546				
Resample 4/1/1999		310						458	169	38.20		349	68	40.30	6.73							3.21		N/C		0.22	0.05				321				
6/23/2008		288		<0.0008	<0.002	<0.002	<0.003	851	279			406	206	58.4	5.97	0.553	0.139	<10	288	<10	2,020											<0.687	<0.687	<0.687	<0.687
12/16/2008				<0.0008	<0.002	<0.002	<0.003	747	225			481	156	59.6	7.58	0.532	0.154	<10	323	<10	2,030											<0.686	<0.686	<0.686	<0.686
East O'Daniel Seep BEG-MW-13																																			
4/1/1999	5,060.00	270	8.00	0.0342	<0.005	<0.005	<0.005	1,450	604	51.00		789	294	66.00	<5	<0.1	0.05					5.00	<0.05	6,480.00		<0.1	1.90	<0.05	<0.05		653				
Resample 4/1/1999		270						1,300	6.08	64.80		639	323	4.63	8.50							9.34		N/C		0.28	3.14			17.94	313				
6/25/2008		194		<0.0008	<0.002	<0.002	<0.003	1,310	623			586	415	65.4	8.63	2.91	0.0467	<10	194	<10	3,520											<0.694	<0.694	<0.694	<0.694
12/17/2008				<0.0008	<0.002	<0.002	<0.003	1,260	517			616	410	73.9	8.1	2.54	0.0568	<10	209	<10	3,560											<0.697	<0.697	<0.697	<0.697
East O'Daniel Seep BEG-MW-14																																			
4/1/1999	57400	322	7.82	3.42	0.00897	<0.005	<0.005	21,354	2,642	14		13,180	2,080	585	358	16	0.12					56.00	<0.05	84,900.00		11.00	4	1.9	<0.05		858				
6/7/2007		164	6.71	no data				14,100	1,720			6,910	1,210	301	139	26.5	0.0909				25,400														
6/25/2008		227		0.00159 J	<0.002	<0.002	<0.003	4,850	791			2,410	481	91.4	55.8	27.4	0.103	<10	227	<10	9,780											<0.685	<0.685	<0.685	<0.685
12/17/2008				0.00163 J	<0.002	<0.002	<0.003	4,330	737			2,490	384	90.4 J	51.8 J	22.8	0.0864	<10	209	<10	9,760											<0.679	<0.679	<0.679	<0.679
East O'Daniel Seep BEG-MW-15																																			
4/1/1999	67200	439	7.68	2.47	<0.005	<0.005	<0.005	27,005	3141	17		15920	2,346	756	369	<0.1	0.10					70.00	<0.05	102,000.00	<1	12.00	6	2	<0.05		868				
6/7/2007		358	6.53					35,200	2,290			16,000	2,320	699	289	0.534	0.223				58,900														
6/25/2008		444		0.362	<0.002	<0.002	<0.003	30,500	765			14,900	1,440	572	238	0.0789 J	0.367	<10	444	<10	56,200											<0.669	<0.669	<0.669	<0.669
12/17/2008				0.157	<0.002	<0.002	<0.003	25,400	740			12,600	1,470	516	209	0.838	0.414	<10	448	<10	44,300											<0.668	<0.668	<0.668	<0.668
East O'Daniel Seep Sump SS 55																																			
6/25/2008		327		0.000910 J	<0.002	0.00371 J	<0.003	21,900	1,950			9,560	1,380	441	93.9	0.779	0.119	<10	327	<10	39,900											<0.665	<0.665	<0.665	<0.665
12/17/2008				0.00188 J	<0.002	<0.002	<0.003	21,800	1,510			9,580	1,430	473	<100	51 J	0.142	<10	394	<10	38,800											<0.665	5.41	0.686 J	6.1
East O'Daniel Seep Sump SS 56																																			
6/25/2008		219		<0.0008	<0.002	<0.002	<0.003	32,200	2,440			13,500	2,350	704	253	0.293 J	0.118	<10	219	<10	60,800											<0.658	<0.658	<0.658	<0.658
12/17/2008				<0.0008	<0.002	<0.002	<0.003	28,700	2,470			14,600	2,400	692	254	<0.05	0.110	<10	222	<10	59,300											<0.657	<0.657	<0.657	<0.657
East O'Daniel Seep Sump SS 57																																			
6/25/2008		189		<0.0008	<0.002	<0.002	<0.003	34,900	2,060			16,300	2,190	678	285	2.68	0.208	<10	189	<10	66,200											<0.662	15.8	4.07	19.8
12/17/2008				<0.0008	<0.002	<0.002	<0.003	28,200	1,370			14,300	2,130	678	245	1.23	0.178	<10	212	<10	59,300											<0.665	<0.665	<0.665	<0.665
East O'Daniel Seep Sump SS 58																																			
6/25/2008		163		<0.0008	<0.002	<0.002	<0.003	31,200	1,870			12,600	1,740	489	158	5.17 J	<0.3	<10	163	<10	53,900											<0.671	<0.671	<0.671	<0.671
12/17/2008				<0.0008	0.00253 J	<0.002	0.00461 J	46,800	2,280			22,500	3,920	1150	270 J	53 J	0.653	<10	252	<10	96,300											<0.646	<0.646	<0.646	<0.646
East O'Daniel Seep Water Well WW-01																																			
6/26/2008		260 J		<0.0008	<0.002	<0.002	<0.003	429	448			267	180	33.6	6.51	<0.25	0.0210 J	<10	260	<10	1,580											<0.687	<0.687	<0.687	<0.687
12/16/2008				<0.0008	<0.002	<0.002	<0.003	312	341			227	175	26.7	6.62	0.311	0.0227	<10	280	<10	1,510											<0.689	<0.689	<0.689	<0.689
East O'Daniel Seep Water Well WW-02																																			
6/26/2008		254 J		<0.0008	<0.002	<0.002	<0.003	386	399			249	180	30.9	6.66	<0.25	0.0228 J	<10	254	<10	1,590											<0.687	<0.687	<0.687	<0.687
12/16/2008				<0.0008	<0.002	<0.002	<0.003	346	364			238	187	28.4	6.83	<0.05	0.0272	<10	273	<10	1,530											<0.689	<0.689	<0.689	<0.689

Notes:

mg/L	Milligrams per Liter
BTEX	Benzene, Toluene, Ethylbenzene, Xylenes
TPH	Total Petroleum Hydrocarbons
TDS	Total Dissolved Solids
µmhos/cm	Microohms per centimeter
J	Analyte detected between sample detection limit and reporting limit

ATTACHMENT 5

Laboratory Analytical Report

January 05, 2009

Barrett Clark
TRC Environmental Corp.
505 East Huntland Drive Suite 250
Austin, Texas 78752

TEL: (512) 329-6080
FAX: (512) 329-8750

Order No: 0812146

RE: RRC- Click (Snyder)

Dear Barrett Clark:

DHL Analytical received 16 sample(s) on 12/18/2008 for the analyses presented in the following report.

There were no problems with the analyses and all data met requirements of NELAC except where noted in the Case Narrative. All non-NELAC methods will be identified accordingly in the case narrative and all estimated uncertainties of test results are within method or EPA specifications.

If you have any questions regarding these tests results, please feel free to call. Thank you for using DHL Analytical.

Sincerely,

John DuPont
Lab Manager

This report was performed under the accreditation of the State of Texas Laboratory Certification Number: T104704211-08A-TX

Table of Contents

DHL ANALYTICAL

2300 Double Creek Drive • Round Rock, TX 78664
Phone (512) 388-8222 • FAX (512) 388-8229

№ 38960

CHAIN-OF-CUSTODY

CLIENT: TRC
ADDRESS: 505 E. Huntland Dr. Ste 250
PHONE: 512-329-8080 FAX 512-329-8750
DATA REPORTED TO: BARRETT CLARK
ADDITIONAL REPORT COPIES TO: JAMES HARTE

DATE: 12/17/08 PAGE 1 OF 2
PO #: DHL WORK ORDER #: 0812146
PROJECT LOCATION OR NAME: RRC - Click (Snyder)
CLIENT PROJECT #: 165296 COLLECTOR: BC RK CW

Authorize 5% surcharge for TRRP report? ☐ Yes ☒ No

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

Field Sample I.D.	DHL Lab #	Date	Time	Matrix	Container Type	# of Containers	PRESERVATION: HCl	HNO3	H2SO4 ☐ NaOH ☐	ICE	UNPRESERVED	ANALYSES	FIELD NOTES
C-WW-03	01	12/16/08	850	W	500mL 40mL	8	X	X		X	X	BTEX ☐ MTBE ☐ TRPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐ GASOLINE MOD 8015 ☐ DIESEL - MOD 8015 ☐ VOC 8260 ☐ SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ 8081 PESTICIDES ☐ 8082 PCBS ☐ TCLP - METALS (RCRA) ☐ TCLP VOC ☐ TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ TOTAL METALS (RCRA) ☐ OTHER LIST ☐ LEAD - TOTAL ☐ TOX ☐ D.W. 200.8 ☐ TCLP ☐ RCI ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ TDS ☐ PH ☐ HEXAVALENT CHROMIUM ☐ EXPLOSIVES ☐ PECHLORATE ☐ CHLORIDE ☐ ANIONS ☐ ALKALINITY ☐ Anions (Cl, F, SO4) Cations (Ca, Mg, Na, K, Fe) (Carbonate & bicarbonate)	
C-S-03	02		855	W		8	X	X		X	X		
C-MW-06	03		920	W		8	X	X		X	X		* TRRP Limits
C-MW-05	04		1000	W		8	X	X		X	X		
C-MW-17	05		1010	W		8	X	X		X	X		
C-WW-02	06		1035	W		8	X	X		X	X		
C-ST-01	07		1110	W		8	X	X		X	X		
C-WW-01	08		1130	W		8	X	X		X	X		
C-WW-01-D	09		1130	W		8	X	X		X	X		
C-P-01	10		1205	W		8	X	X		X	X		
C-MW-19	11		1115	W		8	X	X		X	X		
C-MW-09	12		1155	W		8	X	X		X	X		
C-S-04	13	↓	1220	W		8	X	X		X	X		
C-TB-12-17-08-02	14	12/17/08	—	W		2	X			X	X		
C-MW-02	15	12/16/08	1310			8	X	X		X	X		
TOTAL													

RELINQUISHED BY: (Signature) DATE/TIME 12/17/08 RECEIVED BY: (Signature)
RELINQUISHED BY: (Signature) DATE/TIME 12/17/08 RECEIVED BY: (Signature) FED EX
RELINQUISHED BY: (Signature) FED EX DATE/TIME 12/18/08 1000 RECEIVED BY: (Signature)

☐ DHL DISPOSAL @ $5.00 each ☐ Return

TURN AROUND TIME
RUSH ☐ CALL FIRST
1 DAY ☐ CALL FIRST
2 DAY ☐
NORMAL ☒
OTHER ☐ ____

LABORATORY USE ONLY:
RECEIVING TEMP: 1.0, 2.2, 2.0 THERM #: 57
CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED
☐ CARRIER BILL # FED EX
☐ APC DELIVERY
☐ HAND DELIVERED

DHL ANALYTICAL

2300 Double Creek Drive • Round Rock, TX 78664
Phone (512) 388-8222 • FAX (512) 388-8229

№ 38957

CHAIN-OF-CUSTODY

CLIENT: TRC
ADDRESS:
PHONE: FAX
DATA REPORTED TO: B. Clark
ADDITIONAL REPORT COPIES TO: J. Harter

DATE: 12/17/08 PAGE 2 OF 2
PO #: DHL WORK ORDER #: 0812146
PROJECT LOCATION OR NAME: RRC - Click
CLIENT PROJECT #: 165296 COLLECTOR: B Clark

Authorize 5% surcharge for TRRP report? ☐ Yes ☒ No

S=SOIL P=PAINT W=WATER SL=SLUDGE A=AIR OT=OTHER

ANALYSES: BTEX ☒ MTBE ☐ TRPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐ GASOLINE MOD 8015 ☐ DIESEL - MOD 8015 ☐ VOC 8260 ☐ SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ 8082 PCBS ☐ TCLP - METALS (RCRA) ☐ TCLP VOC ☐ TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ TOTAL METALS (RCRA) ☐ OTHER LIST ☐ LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐ RCI ☐ TOX ☐ FLASHPOINT ☐ TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ pH ☐ HEXAVALENT CHROMIUM ☐ EXPLOSIVES ☐ PECHLORATE ☐ CHLORIDE ☐ ANIONS ☐ ALKALINITY ☐

Field Sample I.D.	DHL Lab #	Date	Time	Matrix	Container Type	# of Containers	HCl	HNO₃	H₂SO₄ ☐ NaOH ☐	ICE	UNPRESERVED	BTEX	FIELD NOTES
C-TB-12-17-08-01	14	12/17/08	—	W	40ml	2	X			X		X	tripblank
TOTAL													

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
[signature]	12/17/08	
[signature]	12/17/08	FED EX
FED EX	12/18/08 1000	[signature]

☐ DHL DISPOSAL @ $5.00 each ☐ Return

TURN AROUND TIME
RUSH ☐ CALL FIRST
1 DAY ☐ CALL FIRST
2 DAY ☐
NORMAL ☒
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 1.8/2.0 °I 2.2 °I THERM #: 57
CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED
☒ CARRIER BILL # FED EX
☐ APC DELIVERY
☐ HAND DELIVERED

FedEx. US Airbill
Express

8681 5800 9677

0200 Form ID No.

FedEx Copy

1 From
Date 12-17-08 Sender's FedEx Account Number 140246697
Sender's Name BARRETT CLARK Phone 512 329-6080
Company TRC
Address 505 E HUNTLAND DR Dept/Floor/Suite/Room 250
City AUSTIN State TX ZIP 78752

2 Your Internal Billing Reference 165296.000002

3 To
Recipient's Name Receiving Phone 512 388-8222
Company ATL ANALYTICAL
Recipient's Address
We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept/Floor/Suite/Room
Address 2300 Double Creek Dr
To request a package be held at a specific FedEx location, print FedEx address here.
City Round Rock State TX ZIP 78664

4a Express Package Service — Packages up to 150 lbs.
1 [X] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
5 [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
6 [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
3 [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
20 [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.
FedEx Envelope rate not available. Minimum charge: One-pound rate.
* To most locations.

4b Express Freight Service — Packages over 150 lbs.
7 [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
8 [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
83 [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.
* Call for Confirmation.
** To most locations.

5 Packaging
6 [ ] FedEx Envelope* 2 [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak. 3 [ ] FedEx Box 4 [ ] FedEx Tube 1 [X] Other
* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.
3 [ ] SATURDAY DELIVERY
1 [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
31 [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.
Does this shipment contain dangerous goods? One box must be checked.
[X] No 4 [ ] Yes — As per attached Shipper's Declaration. [ ] Yes — Shipper's Declaration not required. 6 [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
Dangerous goods (including dry ice) cannot be shipped in FedEx packaging. [ ] Cargo Aircraft Only

7 Payment Bill to: — Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]
1 [X] Sender — Acct. No. in Section 1 will be billed. 2 [ ] Recipient 3 [ ] Third Party 4 [ ] Credit Card 5 [ ] Cash/Check
FedEx Acct. No. / Credit Card No. Exp. Date
Total Packages 4 Total Weight 21.7 Total Declared Value† $ .00
†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details. Credit Card Auth.

8 Residential Delivery Signature Options — If you require a signature, check Direct or Indirect.
[ ] No Signature Required — Package may be left without obtaining a signature for delivery.
10 [ ] Direct Signature — Someone at recipient's address may sign for delivery. Fee applies.
34 [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. Fee applies.
520

8681 5800 9677

CUSTODY SEAL
DATE 12.17.08
SIGNATURE

QEC
Quality Environmental Containers
800-255-3950 • 304-255-3900

FedEx Express US Airbill

8681 5800 9677

0200 Form ID No.

FedEx Retrieval Copy

1 From

Date 12-17-08 Sender's FedEx Account Number 1402 46697

Sender's Name BARRETT CLARK Phone 512 329-6080

Company TRC

Address 505 E. Huntland Dr Dept./Floor/Suite/Room 250

City AUSTIN State TX ZIP 78752

2 Your Internal Billing Reference 165296.000002

3 To

Recipient's Name Receiving Phone 512 388-8222

Company DHL ANALYTICAL

Recipient's Address

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address 2300 Double Creek Dr

To request a package be held at a specific FedEx location, print FedEx address here.

City ROUND ROCK State TX ZIP 78664

8681 5800 9677

4a Express Package Service *Packages up to 150 lbs.*

1 [X] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

5 [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.

6 [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.

3 [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

20 [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

7 [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

8 [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

83 [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: ** To most locations.

5 Packaging

6 [ ] FedEx Envelope* 2 [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak. 3 [ ] FedEx Box 4 [ ] FedEx Tube 1 [X] Other

* Declared value limit $500

6 Special Handling — Include FedEx address in Section 3.

3 [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.

1 [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.

31 [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

[X] No 4 [ ] Yes — As per attached Shipper's Declaration. [ ] Yes — Shipper's Declaration not required. 6 [ ] Dry Ice — Dry Ice, 9, UN 1845 ——— x ——— kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging. [ ] Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

1 [X] Sender — Acct. No. in Section 1 will be billed. 2 [ ] Recipient 3 [ ] Third Party 4 [ ] Credit Card 5 [ ] Cash/Check

Total Packages 4 Total Weight 21.9 lbs

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details. Credit Card Auth.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

[ ] No Signature Required — Package may be left without obtaining a signature for delivery.

10 [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*

34 [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

520

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9

DHL Analytical

Sample Receipt Checklist

Client Name TRC Environmental Corp. Date Received: 12/18/2008

Work Order Number 0812146 Received by AK

Checklist completed by: Signature 12/18/08 Date Reviewed by Initials 12/18/08 Date

Carrier name: FedEx 1day

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	Not Applicable ☐

Adjusted? NO Checked by

Any No response must be detailed in the comments section below.

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

CLIENT: TRC Environmental Corp.
Project: RRC- Click (Snyder)
Lab Order: 0812146

CASE NARRATIVE

The samples were analyzed using the methods outlined in the following references:

Method SW8021B - Volatile Organics by GC
Method Tx1005 - Tx1005 TPH Water
Method SW6020 - Trace Metals: ICP-MS - Water
Method M2320 B - Alkalinity
Method E300 - Anions by IC method - Water
Method M2540C - Total Dissolved Solids

LOG IN

A total of 16 samples were received and logged-in on 12/18/2008. The samples arrived in good condition and were properly packaged.

TRACE METALS ANALYSIS

For Trace Metals Analysis, the recoveries of the Matrix Spike and Matrix Spike Duplicate (0812138-01 MS/MSD) were below the control limit for Sodium. These were flagged accordingly in the enclosed QC Summary Report. The LCS-32773 was within control limits for this analyte. The reference sample selected for the MS/MSD was not from this work order. No further corrective actions were taken.

CLIENT: TRC Environmental Corp.
Project: RRC- Click (Snyder)
Lab Order: 0812146

Work Order Sample Summary

Lab Smp ID	Client Sample ID	Tag Number	Date Collected	Date Recv'd
0812146-01	C-WW-03		12/16/08 08:50 AM	12/18/08
0812146-02	C-S-03		12/16/08 08:55 AM	12/18/08
0812146-03	C-MW-06		12/16/08 09:20 AM	12/18/08
0812146-04	C-MW-05		12/16/08 10:00 AM	12/18/08
0812146-05	C-MW-17		12/16/08 10:10 AM	12/18/08
0812146-06	C-WW-02		12/16/08 10:35 AM	12/18/08
0812146-07	C-ST-01		12/16/08 11:10 AM	12/18/08
0812146-08	C-WW-01		12/16/08 11:30 AM	12/18/08
0812146-09	C-WW-01-D		12/16/08 11:30 AM	12/18/08
0812146-10	C-P-01		12/16/08 12:05 PM	12/18/08
0812146-11	C-MW-19		12/16/08 11:15 AM	12/18/08
0812146-12	C-MW-09		12/16/08 11:55 AM	12/18/08
0812146-13	C-S-04		12/16/08 12:20 PM	12/18/08
0812146-14	C-TB-12-17-08-02		12/17/08	12/18/08
0812146-15	C-MW-02		12/16/08 01:10 PM	12/18/08
0812146-16	C-TB-12-17-08-01		12/17/08	12/18/08

CLIENT: TRC Environmental Corp.
Project: RRC- Click (Snyder)
Lab Order: 0812146

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
0812146-01A	C-WW-03	12/16/08 08:50 AM	Aqueous	SW5030B	Purge and Trap Water GC	12/18/08 02:15 PM	32768
0812146-01B	C-WW-03	12/16/08 08:50 AM	Aqueous	TX1005	TX1005 Water Prep	12/18/08 12:10 PM	32764
0812146-01C	C-WW-03	12/16/08 08:50 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773
	C-WW-03	12/16/08 08:50 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773
0812146-01D	C-WW-03	12/16/08 08:50 AM	Aqueous	E300	Anions by IC method - Water	12/18/08	R41106
	C-WW-03	12/16/08 08:50 AM	Aqueous	M2320 B	Alkalinity	12/18/08 04:16 PM	R41111
	C-WW-03	12/16/08 08:50 AM	Aqueous	M2540C	Total Dissolved Solids	12/19/08 09:30 AM	TDS_W-12/19/08
0812146-02A	C-S-03	12/16/08 08:55 AM	Aqueous	SW5030B	Purge and Trap Water GC	12/18/08 02:15 PM	32768
0812146-02B	C-S-03	12/16/08 08:55 AM	Aqueous	TX1005	TX1005 Water Prep	12/18/08 12:10 PM	32764
0812146-02C	C-S-03	12/16/08 08:55 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773
	C-S-03	12/16/08 08:55 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773
0812146-02D	C-S-03	12/16/08 08:55 AM	Aqueous	E300	Anions by IC method - Water	12/18/08	R41106
	C-S-03	12/16/08 08:55 AM	Aqueous	M2320 B	Alkalinity	12/18/08 04:28 PM	R41111
	C-S-03	12/16/08 08:55 AM	Aqueous	M2540C	Total Dissolved Solids	12/19/08 09:30 AM	TDS_W-12/19/08
0812146-03A	C-MW-06	12/16/08 09:20 AM	Aqueous	SW5030B	Purge and Trap Water GC	12/18/08 02:15 PM	32768
0812146-03B	C-MW-06	12/16/08 09:20 AM	Aqueous	TX1005	TX1005 Water Prep	12/18/08 12:10 PM	32764
0812146-03C	C-MW-06	12/16/08 09:20 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773
	C-MW-06	12/16/08 09:20 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773
0812146-03D	C-MW-06	12/16/08 09:20 AM	Aqueous	E300	Anions by IC method - Water	12/18/08	R41106
	C-MW-06	12/16/08 09:20 AM	Aqueous	E300	Anions by IC method - Water	12/30/08	R41228
	C-MW-06	12/16/08 09:20 AM	Aqueous	E300	Anions by IC method - Water	12/30/08	R41228
	C-MW-06	12/16/08 09:20 AM	Aqueous	M2320 B	Alkalinity	12/18/08 04:33 PM	R41111
	C-MW-06	12/16/08 09:20 AM	Aqueous	M2540C	Total Dissolved Solids	12/19/08 09:30 AM	TDS_W-12/19/08
0812146-04A	C-MW-05	12/16/08 10:00 AM	Aqueous	SW5030B	Purge and Trap Water GC	12/18/08 02:15 PM	32768
0812146-04B	C-MW-05	12/16/08 10:00 AM	Aqueous	TX1005	TX1005 Water Prep	12/18/08 12:10 PM	32764
0812146-04C	C-MW-05	12/16/08 10:00 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773
	C-MW-05	12/16/08 10:00 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773
0812146-04D	C-MW-05	12/16/08 10:00 AM	Aqueous	E300	Anions by IC method - Water	12/18/08	R41106
	C-MW-05	12/16/08 10:00 AM	Aqueous	E300	Anions by IC method - Water	12/30/08	R41228

CLIENT: TRC Environmental Corp.
Project: RRC- Click (Snyder)
Lab Order: 0812146

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
	C-MW-05	12/16/08 10:00 AM	Aqueous	E300	Anions by IC method - Water	12/30/08	R41228
	C-MW-05	12/16/08 10:00 AM	Aqueous	M2320 B	Alkalinity	12/18/08 04:39 PM	R41111
	C-MW-05	12/16/08 10:00 AM	Aqueous	M2540C	Total Dissolved Solids	12/19/08 09:30 AM	TDS_W-12/19/08
0812146-05A	C-MW-17	12/16/08 10:10 AM	Aqueous	SW5030B	Purge and Trap Water GC	12/18/08 02:15 PM	32768
0812146-05B	C-MW-17	12/16/08 10:10 AM	Aqueous	TX1005	TX1005 Water Prep	12/18/08 12:10 PM	32764
0812146-05C	C-MW-17	12/16/08 10:10 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773
	C-MW-17	12/16/08 10:10 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773
0812146-05D	C-MW-17	12/16/08 10:10 AM	Aqueous	E300	Anions by IC method - Water	12/18/08	R41106
	C-MW-17	12/16/08 10:10 AM	Aqueous	E300	Anions by IC method - Water	12/18/08	R41106
	C-MW-17	12/16/08 10:10 AM	Aqueous	M2320 B	Alkalinity	12/18/08 04:46 PM	R41111
	C-MW-17	12/16/08 10:10 AM	Aqueous	M2540C	Total Dissolved Solids	12/19/08 09:30 AM	TDS_W-12/19/08
0812146-06A	C-WW-02	12/16/08 10:35 AM	Aqueous	SW5030B	Purge and Trap Water GC	12/18/08 02:15 PM	32768
0812146-06B	C-WW-02	12/16/08 10:35 AM	Aqueous	TX1005	TX1005 Water Prep	12/18/08 12:10 PM	32764
0812146-06C	C-WW-02	12/16/08 10:35 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773
	C-WW-02	12/16/08 10:35 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773
0812146-06D	C-WW-02	12/16/08 10:35 AM	Aqueous	E300	Anions by IC method - Water	12/18/08	R41106
	C-WW-02	12/16/08 10:35 AM	Aqueous	E300	Anions by IC method - Water	12/18/08	R41106
	C-WW-02	12/16/08 10:35 AM	Aqueous	M2320 B	Alkalinity	12/18/08 04:49 PM	R41111
	C-WW-02	12/16/08 10:35 AM	Aqueous	M2540C	Total Dissolved Solids	12/19/08 09:30 AM	TDS_W-12/19/08
0812146-07A	C-ST-01	12/16/08 11:10 AM	Aqueous	SW5030B	Purge and Trap Water GC	12/18/08 02:15 PM	32768
0812146-07B	C-ST-01	12/16/08 11:10 AM	Aqueous	TX1005	TX1005 Water Prep	12/18/08 12:10 PM	32764
0812146-07C	C-ST-01	12/16/08 11:10 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773
	C-ST-01	12/16/08 11:10 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773
0812146-07D	C-ST-01	12/16/08 11:10 AM	Aqueous	E300	Anions by IC method - Water	12/18/08	R41106
	C-ST-01	12/16/08 11:10 AM	Aqueous	M2320 B	Alkalinity	12/18/08 04:52 PM	R41111
	C-ST-01	12/16/08 11:10 AM	Aqueous	M2540C	Total Dissolved Solids	12/19/08 09:30 AM	TDS_W-12/19/08
0812146-08A	C-WW-01	12/16/08 11:30 AM	Aqueous	SW5030B	Purge and Trap Water GC	12/18/08 02:15 PM	32768
0812146-08B	C-WW-01	12/16/08 11:30 AM	Aqueous	TX1005	TX1005 Water Prep	12/18/08 12:10 PM	32764
0812146-08C	C-WW-01	12/16/08 11:30 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773

CLIENT: TRC Environmental Corp.
Project: RRC- Click (Snyder)
Lab Order: 0812146

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
	C-WW-01	12/16/08 11:30 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773
	C-WW-01	12/16/08 11:30 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773
	C-WW-01	12/16/08 11:30 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773
0812146-08D	C-WW-01	12/16/08 11:30 AM	Aqueous	E300	Anions by IC method - Water	12/18/08	R41106
	C-WW-01	12/16/08 11:30 AM	Aqueous	E300	Anions by IC method - Water	12/18/08	R41106
	C-WW-01	12/16/08 11:30 AM	Aqueous	E300	Anions by IC method - Water	12/30/08	R41228
	C-WW-01	12/16/08 11:30 AM	Aqueous	M2320 B	Alkalinity	12/18/08 05:00 PM	R41111
	C-WW-01	12/16/08 11:30 AM	Aqueous	M2540C	Total Dissolved Solids	12/19/08 09:30 AM	TDS_W-12/19/08
0812146-09A	C-WW-01-D	12/16/08 11:30 AM	Aqueous	SW5030B	Purge and Trap Water GC	12/18/08 02:15 PM	32768
0812146-09B	C-WW-01-D	12/16/08 11:30 AM	Aqueous	TX1005	TX1005 Water Prep	12/18/08 12:10 PM	32764
0812146-09C	C-WW-01-D	12/16/08 11:30 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773
	C-WW-01-D	12/16/08 11:30 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773
	C-WW-01-D	12/16/08 11:30 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773
	C-WW-01-D	12/16/08 11:30 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773
0812146-09D	C-WW-01-D	12/16/08 11:30 AM	Aqueous	E300	Anions by IC method - Water	12/18/08	R41106
	C-WW-01-D	12/16/08 11:30 AM	Aqueous	E300	Anions by IC method - Water	12/18/08	R41106
	C-WW-01-D	12/16/08 11:30 AM	Aqueous	E300	Anions by IC method - Water	12/30/08	R41228
	C-WW-01-D	12/16/08 11:30 AM	Aqueous	M2320 B	Alkalinity	12/18/08 05:02 PM	R41111
	C-WW-01-D	12/16/08 11:30 AM	Aqueous	M2540C	Total Dissolved Solids	12/19/08 09:30 AM	TDS_W-12/19/08
0812146-10A	C-P-01	12/16/08 12:05 PM	Aqueous	SW5030B	Purge and Trap Water GC	12/18/08 02:15 PM	32768
0812146-10B	C-P-01	12/16/08 12:05 PM	Aqueous	TX1005	TX1005 Water Prep	12/18/08 12:10 PM	32764
0812146-10C	C-P-01	12/16/08 12:05 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773
	C-P-01	12/16/08 12:05 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773
	C-P-01	12/16/08 12:05 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773
0812146-10D	C-P-01	12/16/08 12:05 PM	Aqueous	E300	Anions by IC method - Water	12/18/08	R41106
	C-P-01	12/16/08 12:05 PM	Aqueous	E300	Anions by IC method - Water	12/18/08	R41106
	C-P-01	12/16/08 12:05 PM	Aqueous	M2320 B	Alkalinity	12/18/08 05:05 PM	R41111
	C-P-01	12/16/08 12:05 PM	Aqueous	M2540C	Total Dissolved Solids	12/19/08 09:30 AM	TDS_W-12/19/08
0812146-11A	C-MW-19	12/16/08 11:15 AM	Aqueous	SW5030B	Purge and Trap Water GC	12/18/08 02:15 PM	32768

CLIENT: TRC Environmental Corp.
Project: RRC- Click (Snyder)
Lab Order: 0812146

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
0812146-11B	C-MW-19	12/16/08 11:15 AM	Aqueous	TX1005	TX1005 Water Prep	12/18/08 12:10 PM	32764
0812146-11C	C-MW-19	12/16/08 11:15 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773
	C-MW-19	12/16/08 11:15 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773
	C-MW-19	12/16/08 11:15 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773
0812146-11D	C-MW-19	12/16/08 11:15 AM	Aqueous	E300	Anions by IC method - Water	12/18/08	R41102
	C-MW-19	12/16/08 11:15 AM	Aqueous	M2320 B	Alkalinity	12/18/08 05:09 PM	R41111
	C-MW-19	12/16/08 11:15 AM	Aqueous	M2540C	Total Dissolved Solids	12/19/08 09:30 AM	TDS_W-12/19/08
0812146-12A	C-MW-09	12/16/08 11:55 AM	Aqueous	SW5030B	Purge and Trap Water GC	12/18/08 02:15 PM	32768
0812146-12B	C-MW-09	12/16/08 11:55 AM	Aqueous	TX1005	TX1005 Water Prep	12/18/08 12:10 PM	32764
0812146-12C	C-MW-09	12/16/08 11:55 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773
	C-MW-09	12/16/08 11:55 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773
0812146-12D	C-MW-09	12/16/08 11:55 AM	Aqueous	E300	Anions by IC method - Water	12/18/08	R41102
	C-MW-09	12/16/08 11:55 AM	Aqueous	E300	Anions by IC method - Water	12/18/08	R41102
	C-MW-09	12/16/08 11:55 AM	Aqueous	M2320 B	Alkalinity	12/18/08 05:18 PM	R41111
	C-MW-09	12/16/08 11:55 AM	Aqueous	M2540C	Total Dissolved Solids	12/19/08 09:30 AM	TDS_W-12/19/08
0812146-13A	C-S-04	12/16/08 12:20 PM	Aqueous	SW5030B	Purge and Trap Water GC	12/18/08 02:15 PM	32768
0812146-13B	C-S-04	12/16/08 12:20 PM	Aqueous	TX1005	TX1005 Water Prep	12/18/08 12:10 PM	32764
0812146-13C	C-S-04	12/16/08 12:20 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773
	C-S-04	12/16/08 12:20 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773
0812146-13D	C-S-04	12/16/08 12:20 PM	Aqueous	E300	Anions by IC method - Water	12/18/08	R41102
	C-S-04	12/16/08 12:20 PM	Aqueous	M2320 B	Alkalinity	12/18/08 05:26 PM	R41111
	C-S-04	12/16/08 12:20 PM	Aqueous	M2540C	Total Dissolved Solids	12/19/08 09:30 AM	TDS_W-12/19/08
0812146-14A	C-TB-12-17-08-02	12/17/08	Trip Blank	SW5030B	Purge and Trap Water GC	12/18/08 02:15 PM	32768
0812146-15A	C-MW-02	12/16/08 01:10 PM	Aqueous	SW5030B	Purge and Trap Water GC	12/18/08 02:15 PM	32768
0812146-15B	C-MW-02	12/16/08 01:10 PM	Aqueous	TX1005	TX1005 Water Prep	12/19/08 12:24 PM	32783
0812146-15C	C-MW-02	12/16/08 01:10 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773
	C-MW-02	12/16/08 01:10 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773
	C-MW-02	12/16/08 01:10 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:57 AM	32773
0812146-15D	C-MW-02	12/16/08 01:10 PM	Aqueous	E300	Anions by IC method - Water	12/18/08	R41102

CLIENT: TRC Environmental Corp.
Project: RRC- Click (Snyder)
Lab Order: 0812146

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
	C-MW-02	12/16/08 01:10 PM	Aqueous	M2320 B	Alkalinity	12/18/08 05:32 PM	R41111
	C-MW-02	12/16/08 01:10 PM	Aqueous	M2540C	Total Dissolved Solids	12/22/08	TDS_W-12/22/08
0812146-16A	C-TB-12-17-08-01	12/17/08	Trip Blank	SW5030B	Purge and Trap Water GC	12/18/08 02:15 PM	32768

CLIENT: TRC Environmental Corp.
Project: RRC- Click (Snyder)
Lab Order: 0812146

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
0812146-01A	C-WW-03	Aqueous	SW8021B	Volatile Organics by GC	32768	1	12/18/08 08:12 PM	GC8_081218B
0812146-01B	C-WW-03	Aqueous	TX1005	Tx1005 TPH Water	32764	1	12/18/08 06:31 PM	GC12_081218A
0812146-01C	C-WW-03	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	50	12/24/08 04:23 PM	ICP-MS2_081224A
	C-WW-03	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	1	12/19/08 07:05 PM	ICP-MS3_081219A
0812146-01D	C-WW-03	Aqueous	M2320 B	Alkalinity	R41111	1	12/18/08 04:16 PM	TITRATOR_081218A
	C-WW-03	Aqueous	E300	Anions by IC method - Water	R41106	10	12/18/08 11:49 AM	IC_081218A
	C-WW-03	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/19/08	1	12/22/08 08:15 AM	WC_081219A
0812146-02A	C-S-03	Aqueous	SW8021B	Volatile Organics by GC	32768	1	12/18/08 08:30 PM	GC8_081218B
0812146-02B	C-S-03	Aqueous	TX1005	Tx1005 TPH Water	32764	1	12/18/08 06:40 PM	GC12_081218A
0812146-02C	C-S-03	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	50	12/24/08 04:29 PM	ICP-MS2_081224A
	C-S-03	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	1	12/19/08 07:10 PM	ICP-MS3_081219A
0812146-02D	C-S-03	Aqueous	M2320 B	Alkalinity	R41111	1	12/18/08 04:28 PM	TITRATOR_081218A
	C-S-03	Aqueous	E300	Anions by IC method - Water	R41106	10	12/18/08 12:36 PM	IC_081218A
	C-S-03	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/19/08	1	12/22/08 08:15 AM	WC_081219A
0812146-03A	C-MW-06	Aqueous	SW8021B	Volatile Organics by GC	32768	1	12/18/08 08:48 PM	GC8_081218B
0812146-03B	C-MW-06	Aqueous	TX1005	Tx1005 TPH Water	32764	1	12/18/08 06:48 PM	GC12_081218A
0812146-03C	C-MW-06	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	20	12/24/08 04:34 PM	ICP-MS2_081224A
	C-MW-06	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	1	12/19/08 07:16 PM	ICP-MS3_081219A
0812146-03D	C-MW-06	Aqueous	M2320 B	Alkalinity	R41111	1	12/18/08 04:33 PM	TITRATOR_081218A
	C-MW-06	Aqueous	E300	Anions by IC method - Water	R41106	10	12/18/08 12:52 PM	IC_081218A
	C-MW-06	Aqueous	E300	Anions by IC method - Water	R41228	1	12/30/08 02:10 PM	IC2_081230A
	C-MW-06	Aqueous	E300	Anions by IC method - Water	R41228	5	12/30/08 02:25 PM	IC2_081230A
	C-MW-06	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/19/08	1	12/22/08 08:15 AM	WC_081219A
0812146-04A	C-MW-05	Aqueous	SW8021B	Volatile Organics by GC	32768	1	12/18/08 09:06 PM	GC8_081218B
0812146-04B	C-MW-05	Aqueous	TX1005	Tx1005 TPH Water	32764	1	12/18/08 06:57 PM	GC12_081218A
0812146-04C	C-MW-05	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	20	12/24/08 04:40 PM	ICP-MS2_081224A
	C-MW-05	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	1	12/19/08 08:02 PM	ICP-MS3_081219A
0812146-04D	C-MW-05	Aqueous	M2320 B	Alkalinity	R41111	1	12/18/08 04:39 PM	TITRATOR_081218A
	C-MW-05	Aqueous	E300	Anions by IC method - Water	R41106	5	12/18/08 01:08 PM	IC_081218A

CLIENT: TRC Environmental Corp.
Project: RRC- Click (Snyder)
Lab Order: 0812146

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
	C-MW-05	Aqueous	E300	Anions by IC method - Water	R41228	1	12/30/08 02:39 PM	IC2_081230A
	C-MW-05	Aqueous	E300	Anions by IC method - Water	R41228	5	12/30/08 02:54 PM	IC2_081230A
	C-MW-05	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/19/08	1	12/22/08 08:15 AM	WC_081219A
0812146-05A	C-MW-17	Aqueous	SW8021B	Volatile Organics by GC	32768	1	12/18/08 09:24 PM	GC8_081218B
0812146-05B	C-MW-17	Aqueous	TX1005	Tx1005 TPH Water	32764	1	12/18/08 07:06 PM	GC12_081218A
0812146-05C	C-MW-17	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	100	12/24/08 04:45 PM	ICP-MS2_081224A
	C-MW-17	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	1	12/19/08 08:07 PM	ICP-MS3_081219A
0812146-05D	C-MW-17	Aqueous	M2320 B	Alkalinity	R41111	1	12/18/08 04:46 PM	TITRATOR_081218A
	C-MW-17	Aqueous	E300	Anions by IC method - Water	R41106	10	12/18/08 01:23 PM	IC_081218A
	C-MW-17	Aqueous	E300	Anions by IC method - Water	R41106	50	12/18/08 05:22 PM	IC_081218A
	C-MW-17	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/19/08	1	12/22/08 08:15 AM	WC_081219A
0812146-06A	C-WW-02	Aqueous	SW8021B	Volatile Organics by GC	32768	1	12/18/08 09:42 PM	GC8_081218B
0812146-06B	C-WW-02	Aqueous	TX1005	Tx1005 TPH Water	32764	1	12/18/08 07:15 PM	GC12_081218A
0812146-06C	C-WW-02	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	100	12/24/08 04:51 PM	ICP-MS2_081224A
	C-WW-02	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	1	12/19/08 08:12 PM	ICP-MS3_081219A
0812146-06D	C-WW-02	Aqueous	M2320 B	Alkalinity	R41111	1	12/18/08 04:49 PM	TITRATOR_081218A
	C-WW-02	Aqueous	E300	Anions by IC method - Water	R41106	100	12/18/08 03:01 PM	IC_081218A
	C-WW-02	Aqueous	E300	Anions by IC method - Water	R41106	10	12/18/08 03:16 PM	IC_081218A
	C-WW-02	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/19/08	1	12/22/08 08:15 AM	WC_081219A
0812146-07A	C-ST-01	Aqueous	SW8021B	Volatile Organics by GC	32768	1	12/18/08 10:18 PM	GC8_081218B
0812146-07B	C-ST-01	Aqueous	TX1005	Tx1005 TPH Water	32764	1	12/18/08 07:24 PM	GC12_081218A
0812146-07C	C-ST-01	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	10	12/24/08 04:56 PM	ICP-MS2_081224A
	C-ST-01	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	1	12/19/08 08:17 PM	ICP-MS3_081219A
0812146-07D	C-ST-01	Aqueous	M2320 B	Alkalinity	R41111	1	12/18/08 04:52 PM	TITRATOR_081218A
	C-ST-01	Aqueous	E300	Anions by IC method - Water	R41106	10	12/18/08 03:32 PM	IC_081218A
	C-ST-01	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/19/08	1	12/22/08 08:15 AM	WC_081219A
0812146-08A	C-WW-01	Aqueous	SW8021B	Volatile Organics by GC	32768	1	12/19/08 01:02 AM	GC8_081218B
0812146-08B	C-WW-01	Aqueous	TX1005	Tx1005 TPH Water	32764	1	12/18/08 07:33 PM	GC12_081218A
0812146-08C	C-WW-01	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	500	12/24/08 05:02 PM	ICP-MS2_081224A

CLIENT: TRC Environmental Corp.
Project: RRC- Click (Snyder)
Lab Order: 0812146

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
	C-WW-01	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	5	12/24/08 09:15 PM	ICP-MS2_081224A
	C-WW-01	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	500	12/30/08 02:33 PM	ICP-MS2_081230A
	C-WW-01	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	1	12/19/08 08:22 PM	ICP-MS3_081219A
0812146-08D	C-WW-01	Aqueous	M2320 B	Alkalinity	R41111	1	12/18/08 05:00 PM	TITRATOR_081218A
	C-WW-01	Aqueous	E300	Anions by IC method - Water	R41106	500	12/18/08 03:48 PM	IC_081218A
	C-WW-01	Aqueous	E300	Anions by IC method - Water	R41106	1	12/18/08 04:03 PM	IC_081218A
	C-WW-01	Aqueous	E300	Anions by IC method - Water	R41228	200	12/30/08 03:09 PM	IC2_081230A
	C-WW-01	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/19/08	1	12/22/08 08:15 AM	WC_081219A
0812146-09A	C-WW-01-D	Aqueous	SW8021B	Volatile Organics by GC	32768	1	12/19/08 12:44 AM	GC8_081218B
0812146-09B	C-WW-01-D	Aqueous	TX1005	Tx1005 TPH Water	32764	1	12/18/08 07:50 PM	GC12_081218A
0812146-09C	C-WW-01-D	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	500	12/24/08 05:07 PM	ICP-MS2_081224A
	C-WW-01-D	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	5	12/24/08 09:20 PM	ICP-MS2_081224A
	C-WW-01-D	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	500	12/30/08 02:39 PM	ICP-MS2_081230A
	C-WW-01-D	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	1	12/19/08 08:27 PM	ICP-MS3_081219A
0812146-09D	C-WW-01-D	Aqueous	M2320 B	Alkalinity	R41111	1	12/18/08 05:02 PM	TITRATOR_081218A
	C-WW-01-D	Aqueous	E300	Anions by IC method - Water	R41106	1	12/18/08 04:19 PM	IC_081218A
	C-WW-01-D	Aqueous	E300	Anions by IC method - Water	R41106	500	12/18/08 04:35 PM	IC_081218A
	C-WW-01-D	Aqueous	E300	Anions by IC method - Water	R41228	200	12/30/08 03:23 PM	IC2_081230A
	C-WW-01-D	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/19/08	1	12/22/08 08:15 AM	WC_081219A
0812146-10A	C-P-01	Aqueous	SW8021B	Volatile Organics by GC	32768	1	12/18/08 10:36 PM	GC8_081218B
0812146-10B	C-P-01	Aqueous	TX1005	Tx1005 TPH Water	32764	1	12/18/08 07:59 PM	GC12_081218A
0812146-10C	C-P-01	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	100	12/24/08 05:13 PM	ICP-MS2_081224A
	C-P-01	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	20	12/24/08 09:26 PM	ICP-MS2_081224A
	C-P-01	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	1	12/19/08 08:32 PM	ICP-MS3_081219A
0812146-10D	C-P-01	Aqueous	M2320 B	Alkalinity	R41111	1	12/18/08 05:05 PM	TITRATOR_081218A
	C-P-01	Aqueous	E300	Anions by IC method - Water	R41106	10	12/18/08 04:50 PM	IC_081218A
	C-P-01	Aqueous	E300	Anions by IC method - Water	R41106	100	12/18/08 05:06 PM	IC_081218A
	C-P-01	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/19/08	1	12/22/08 08:15 AM	WC_081219A
0812146-11A	C-MW-19	Aqueous	SW8021B	Volatile Organics by GC	32768	1	12/18/08 10:55 PM	GC8_081218B

CLIENT: TRC Environmental Corp.
Project: RRC- Click (Snyder)
Lab Order: 0812146

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
0812146-11B	C-MW-19	Aqueous	TX1005	Tx1005 TPH Water	32764	1	12/18/08 08:08 PM	GC12_081218A
0812146-11C	C-MW-19	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	100	12/24/08 05:57 PM	ICP-MS2_081224A
	C-MW-19	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	5	12/24/08 09:31 PM	ICP-MS2_081224A
	C-MW-19	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	1	12/19/08 08:38 PM	ICP-MS3_081219A
0812146-11D	C-MW-19	Aqueous	M2320 B	Alkalinity	R41111	1	12/18/08 05:09 PM	TITRATOR_081218A
	C-MW-19	Aqueous	E300	Anions by IC method - Water	R41102	100	12/18/08 12:44 PM	IC2_081218A
	C-MW-19	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/19/08	1	12/22/08 08:15 AM	WC_081219A
0812146-12A	C-MW-09	Aqueous	SW8021B	Volatile Organics by GC	32768	1	12/18/08 11:13 PM	GC8_081218B
0812146-12B	C-MW-09	Aqueous	TX1005	Tx1005 TPH Water	32764	1	12/18/08 08:17 PM	GC12_081218A
0812146-12C	C-MW-09	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	100	12/24/08 06:02 PM	ICP-MS2_081224A
	C-MW-09	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	1	12/19/08 08:43 PM	ICP-MS3_081219A
0812146-12D	C-MW-09	Aqueous	M2320 B	Alkalinity	R41111	1	12/18/08 05:18 PM	TITRATOR_081218A
	C-MW-09	Aqueous	E300	Anions by IC method - Water	R41102	10	12/18/08 12:59 PM	IC2_081218A
	C-MW-09	Aqueous	E300	Anions by IC method - Water	R41102	100	12/18/08 01:13 PM	IC2_081218A
	C-MW-09	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/19/08	1	12/22/08 08:15 AM	WC_081219A
0812146-13A	C-S-04	Aqueous	SW8021B	Volatile Organics by GC	32768	1	12/18/08 11:31 PM	GC8_081218B
0812146-13B	C-S-04	Aqueous	TX1005	Tx1005 TPH Water	32764	1	12/18/08 08:26 PM	GC12_081218A
0812146-13C	C-S-04	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	50	12/24/08 06:08 PM	ICP-MS2_081224A
	C-S-04	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	1	12/19/08 08:48 PM	ICP-MS3_081219A
0812146-13D	C-S-04	Aqueous	M2320 B	Alkalinity	R41111	1	12/18/08 05:26 PM	TITRATOR_081218A
	C-S-04	Aqueous	E300	Anions by IC method - Water	R41102	10	12/18/08 01:28 PM	IC2_081218A
	C-S-04	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/19/08	1	12/22/08 08:15 AM	WC_081219A
0812146-14A	C-TB-12-17-08-02	Trip Blank	SW8021B	Volatile Organics by GC	32768	1	12/18/08 07:36 PM	GC8_081218B
0812146-15A	C-MW-02	Aqueous	SW8021B	Volatile Organics by GC	32768	1	12/18/08 11:49 PM	GC8_081218B
0812146-15B	C-MW-02	Aqueous	TX1005	Tx1005 TPH Water	32783	1	12/19/08 05:36 PM	GC12_081219B
0812146-15C	C-MW-02	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	100	12/24/08 06:14 PM	ICP-MS2_081224A
	C-MW-02	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	5	12/24/08 09:37 PM	ICP-MS2_081224A
	C-MW-02	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32773	1	12/19/08 09:34 PM	ICP-MS3_081219A
0812146-15D	C-MW-02	Aqueous	M2320 B	Alkalinity	R41111	1	12/18/08 05:32 PM	TITRATOR_081218A

CLIENT: TRC Environmental Corp.
Project: RRC- Click (Snyder)
Lab Order: 0812146

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
	C-MW-02	Aqueous	E300	Anions by IC method - Water	R41102	100	12/18/08 01:43 PM	IC2_081218A
	C-MW-02	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/22/08	1	12/22/08 10:15 AM	WC_081222A
0812146-16A	C-TB-12-17-08-01	Trip Blank	SW8021B	Volatile Organics by GC	32768	1	12/18/08 07:54 PM	GC8_081218B

CLIENT:	TRC Environmental Corp.	**Client Sample ID:**	C-WW-03
Project:	RRC- Click (Snyder)	**Lab ID:**	0812146-01
Project No:	165296	**Collection Date:**	12/16/08 08:50 AM
Lab Order:	0812146	**Matrix:**	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.689	1.97		mg/L	1	12/18/08 06:31 PM
T/R Hydrocarbons: >C12-C28	ND	0.689	1.97		mg/L	1	12/18/08 06:31 PM
T/R Hydrocarbons: >C28-C35	ND	0.689	1.97		mg/L	1	12/18/08 06:31 PM
T/R Hydrocarbons: C6-C35	ND	0.689	1.97		mg/L	1	12/18/08 06:31 PM
Surr: Isopropylbenzene	81.5	0	70 - 130		%REC	1	12/18/08 06:31 PM
Surr: Octacosane	85.8	0	70 - 130		%REC	1	12/18/08 06:31 PM
Volatile Organics by GC		**SW8021B**					**Analyst: JAW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/18/08 08:12 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/18/08 08:12 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/18/08 08:12 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/18/08 08:12 PM
Surr: a,a,a-Trifluorotoluene	94.7	0	87 - 113		%REC	1	12/18/08 08:12 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: AJR**
Barium	0.0807	0.00300	0.0100		mg/L	1	12/19/08 07:05 PM
Calcium	128	5.00	15.0		mg/L	50	12/24/08 04:23 PM
Iron	11.5	2.50	7.50		mg/L	50	12/24/08 04:23 PM
Magnesium	42.3	5.00	15.0		mg/L	50	12/24/08 04:23 PM
Potassium	4.02	0.100	0.300		mg/L	1	12/19/08 07:05 PM
Sodium	225	5.00	15.0		mg/L	50	12/24/08 04:23 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	292	3.00	10.0		mg/L	10	12/18/08 11:49 AM
Sulfate	282	10.0	30.0		mg/L	10	12/18/08 11:49 AM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	269	10.0	20.0		mg/L	1	12/18/08 04:16 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/18/08 04:16 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/18/08 04:16 PM
Alkalinity, Total (As CaCO3)	269	10.0	20.0		mg/L	1	12/18/08 04:16 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	1250	10.0	10.0		mg/L	1	12/22/08 08:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	**Client Sample ID:**	C-S-03
Project:	RRC- Click (Snyder)	**Lab ID:**	0812146-02
Project No:	165296	**Collection Date:**	12/16/08 08:55 AM
Lab Order:	0812146	**Matrix:**	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.691	1.97		mg/L	1	12/18/08 06:40 PM
T/R Hydrocarbons: >C12-C28	ND	0.691	1.97		mg/L	1	12/18/08 06:40 PM
T/R Hydrocarbons: >C28-C35	ND	0.691	1.97		mg/L	1	12/18/08 06:40 PM
T/R Hydrocarbons: C6-C35	ND	0.691	1.97		mg/L	1	12/18/08 06:40 PM
Surr: Isopropylbenzene	85.7	0	70 - 130		%REC	1	12/18/08 06:40 PM
Surr: Octacosane	89.9	0	70 - 130		%REC	1	12/18/08 06:40 PM
Volatile Organics by GC		**SW8021B**					**Analyst: JAW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/18/08 08:30 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/18/08 08:30 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/18/08 08:30 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/18/08 08:30 PM
Surr: a,a,a-Trifluorotoluene	97.3	0	87 - 113		%REC	1	12/18/08 08:30 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: AJR**
Barium	0.0977	0.00300	0.0100		mg/L	1	12/19/08 07:10 PM
Calcium	92.0	5.00	15.0		mg/L	50	12/24/08 04:29 PM
Iron	ND	0.0500	0.150		mg/L	1	12/19/08 07:10 PM
Magnesium	24.7	5.00	15.0		mg/L	50	12/24/08 04:29 PM
Potassium	4.44	0.100	0.300		mg/L	1	12/19/08 07:10 PM
Sodium	212	5.00	15.0		mg/L	50	12/24/08 04:29 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	177	3.00	10.0		mg/L	10	12/18/08 12:36 PM
Sulfate	199	10.0	30.0		mg/L	10	12/18/08 12:36 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	343	10.0	20.0		mg/L	1	12/18/08 04:28 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/18/08 04:28 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/18/08 04:28 PM
Alkalinity, Total (As CaCO3)	343	10.0	20.0		mg/L	1	12/18/08 04:28 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	1000	10.0	10.0		mg/L	1	12/22/08 08:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	**Client Sample ID:**	C-MW-06
Project:	RRC- Click (Snyder)	**Lab ID:**	0812146-03
Project No:	165296	**Collection Date:**	12/16/08 09:20 AM
Lab Order:	0812146	**Matrix:**	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.690	1.97		mg/L	1	12/18/08 06:48 PM
T/R Hydrocarbons: >C12-C28	ND	0.690	1.97		mg/L	1	12/18/08 06:48 PM
T/R Hydrocarbons: >C28-C35	ND	0.690	1.97		mg/L	1	12/18/08 06:48 PM
T/R Hydrocarbons: C6-C35	ND	0.690	1.97		mg/L	1	12/18/08 06:48 PM
Surr: Isopropylbenzene	84.3	0	70 - 130		%REC	1	12/18/08 06:48 PM
Surr: Octacosane	89.7	0	70 - 130		%REC	1	12/18/08 06:48 PM
Volatile Organics by GC		**SW8021B**					**Analyst: JAW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/18/08 08:48 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/18/08 08:48 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/18/08 08:48 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/18/08 08:48 PM
Surr: a,a,a-Trifluorotoluene	96.5	0	87 - 113		%REC	1	12/18/08 08:48 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: AJR**
Barium	0.0745	0.00300	0.0100		mg/L	1	12/19/08 07:16 PM
Calcium	50.8	2.00	6.00		mg/L	20	12/24/08 04:34 PM
Iron	0.595	0.0500	0.150		mg/L	1	12/19/08 07:16 PM
Magnesium	11.1	2.00	6.00		mg/L	20	12/24/08 04:34 PM
Potassium	2.39	0.100	0.300		mg/L	1	12/19/08 07:16 PM
Sodium	185	2.00	6.00		mg/L	20	12/24/08 04:34 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	112	1.50	5.00		mg/L	5	12/30/08 02:25 PM
Sulfate	126	1.00	3.00		mg/L	1	12/30/08 02:10 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	264	10.0	20.0		mg/L	1	12/18/08 04:33 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/18/08 04:33 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/18/08 04:33 PM
Alkalinity, Total (As CaCO3)	264	10.0	20.0		mg/L	1	12/18/08 04:33 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	727	10.0	10.0		mg/L	1	12/22/08 08:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	**Client Sample ID:**	C-MW-05
Project:	RRC- Click (Snyder)	**Lab ID:**	0812146-04
Project No:	165296	**Collection Date:**	12/16/08 10:00 AM
Lab Order:	0812146	**Matrix:**	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.685	1.96		mg/L	1	12/18/08 06:57 PM
T/R Hydrocarbons: >C12-C28	ND	0.685	1.96		mg/L	1	12/18/08 06:57 PM
T/R Hydrocarbons: >C28-C35	ND	0.685	1.96		mg/L	1	12/18/08 06:57 PM
T/R Hydrocarbons: C6-C35	ND	0.685	1.96		mg/L	1	12/18/08 06:57 PM
Surr: Isopropylbenzene	127	0	70 - 130		%REC	1	12/18/08 06:57 PM
Surr: Octacosane	126	0	70 - 130		%REC	1	12/18/08 06:57 PM
Volatile Organics by GC		**SW8021B**					**Analyst: JAW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/18/08 09:06 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/18/08 09:06 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/18/08 09:06 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/18/08 09:06 PM
Surr: a,a,a-Trifluorotoluene	95.4	0	87 - 113		%REC	1	12/18/08 09:06 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: AJR**
Barium	0.0848	0.00300	0.0100		mg/L	1	12/19/08 08:02 PM
Calcium	66.4	2.00	6.00		mg/L	20	12/24/08 04:40 PM
Iron	0.353	0.0500	0.150		mg/L	1	12/19/08 08:02 PM
Magnesium	12.3	2.00	6.00		mg/L	20	12/24/08 04:40 PM
Potassium	2.59	0.100	0.300		mg/L	1	12/19/08 08:02 PM
Sodium	122	2.00	6.00		mg/L	20	12/24/08 04:40 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	53.3	1.50	5.00		mg/L	5	12/30/08 02:54 PM
Sulfate	76.0	1.00	3.00		mg/L	1	12/30/08 02:39 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	299	10.0	20.0		mg/L	1	12/18/08 04:39 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/18/08 04:39 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/18/08 04:39 PM
Alkalinity, Total (As CaCO3)	299	10.0	20.0		mg/L	1	12/18/08 04:39 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	560	10.0	10.0		mg/L	1	12/22/08 08:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	**Client Sample ID:**	C-MW-17
Project:	RRC- Click (Snyder)	**Lab ID:**	0812146-05
Project No:	165296	**Collection Date:**	12/16/08 10:10 AM
Lab Order:	0812146	**Matrix:**	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.685	1.96		mg/L	1	12/18/08 07:06 PM
T/R Hydrocarbons: >C12-C28	ND	0.685	1.96		mg/L	1	12/18/08 07:06 PM
T/R Hydrocarbons: >C28-C35	ND	0.685	1.96		mg/L	1	12/18/08 07:06 PM
T/R Hydrocarbons: C6-C35	ND	0.685	1.96		mg/L	1	12/18/08 07:06 PM
Surr: Isopropylbenzene	89.5	0	70 - 130		%REC	1	12/18/08 07:06 PM
Surr: Octacosane	92.4	0	70 - 130		%REC	1	12/18/08 07:06 PM
Volatile Organics by GC		**SW8021B**					**Analyst: JAW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/18/08 09:24 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/18/08 09:24 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/18/08 09:24 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/18/08 09:24 PM
Surr: a,a,a-Trifluorotoluene	94.6	0	87 - 113		%REC	1	12/18/08 09:24 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: AJR**
Barium	0.107	0.00300	0.0100		mg/L	1	12/19/08 08:07 PM
Calcium	427	10.0	30.0		mg/L	100	12/24/08 04:45 PM
Iron	0.509	0.0500	0.150		mg/L	1	12/19/08 08:07 PM
Magnesium	115	10.0	30.0		mg/L	100	12/24/08 04:45 PM
Potassium	9.45	0.100	0.300		mg/L	1	12/19/08 08:07 PM
Sodium	558	10.0	30.0		mg/L	100	12/24/08 04:45 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	1370	15.0	50.0		mg/L	50	12/18/08 05:22 PM
Sulfate	272	10.0	30.0		mg/L	10	12/18/08 01:23 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	303	10.0	20.0		mg/L	1	12/18/08 04:46 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/18/08 04:46 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/18/08 04:46 PM
Alkalinity, Total (As CaCO3)	303	10.0	20.0		mg/L	1	12/18/08 04:46 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	3250	10.0	10.0		mg/L	1	12/22/08 08:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	**Client Sample ID:**	C-WW-02
Project:	RRC- Click (Snyder)	**Lab ID:**	0812146-06
Project No:	165296	**Collection Date:**	12/16/08 10:35 AM
Lab Order:	0812146	**Matrix:**	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	1.18	0.692	1.98	J	mg/L	1	12/18/08 07:15 PM
T/R Hydrocarbons: >C12-C28	ND	0.692	1.98		mg/L	1	12/18/08 07:15 PM
T/R Hydrocarbons: >C28-C35	ND	0.692	1.98		mg/L	1	12/18/08 07:15 PM
T/R Hydrocarbons: C6-C35	1.18	0.692	1.98	J	mg/L	1	12/18/08 07:15 PM
Surr: Isopropylbenzene	91.5	0	70 - 130		%REC	1	12/18/08 07:15 PM
Surr: Octacosane	92.2	0	70 - 130		%REC	1	12/18/08 07:15 PM
Volatile Organics by GC		**SW8021B**					**Analyst: JAW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/18/08 09:42 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/18/08 09:42 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/18/08 09:42 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/18/08 09:42 PM
Surr: a,a,a-Trifluorotoluene	96.3	0	87 - 113		%REC	1	12/18/08 09:42 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: AJR**
Barium	0.0222	0.00300	0.0100		mg/L	1	12/19/08 08:12 PM
Calcium	80.6	10.0	30.0		mg/L	100	12/24/08 04:51 PM
Iron	6.49	0.0500	0.150		mg/L	1	12/19/08 08:12 PM
Magnesium	85.7	10.0	30.0		mg/L	100	12/24/08 04:51 PM
Potassium	8.38	0.100	0.300		mg/L	1	12/19/08 08:12 PM
Sodium	547	10.0	30.0		mg/L	100	12/24/08 04:51 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	853	30.0	100		mg/L	100	12/18/08 03:01 PM
Sulfate	399	10.0	30.0		mg/L	10	12/18/08 03:16 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	115	10.0	20.0		mg/L	1	12/18/08 04:49 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/18/08 04:49 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/18/08 04:49 PM
Alkalinity, Total (As CaCO3)	115	10.0	20.0		mg/L	1	12/18/08 04:49 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	2180	10.0	10.0		mg/L	1	12/22/08 08:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	**Client Sample ID:**	C-ST-01
Project:	RRC- Click (Snyder)	**Lab ID:**	0812146-07
Project No:	165296	**Collection Date:**	12/16/08 11:10 AM
Lab Order:	0812146	**Matrix:**	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.701	2.00		mg/L	1	12/18/08 07:24 PM
T/R Hydrocarbons: >C12-C28	ND	0.701	2.00		mg/L	1	12/18/08 07:24 PM
T/R Hydrocarbons: >C28-C35	ND	0.701	2.00		mg/L	1	12/18/08 07:24 PM
T/R Hydrocarbons: C6-C35	ND	0.701	2.00		mg/L	1	12/18/08 07:24 PM
Surr: Isopropylbenzene	87.2	0	70 - 130		%REC	1	12/18/08 07:24 PM
Surr: Octacosane	92.1	0	70 - 130		%REC	1	12/18/08 07:24 PM
Volatile Organics by GC		**SW8021B**					**Analyst: JAW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/18/08 10:18 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/18/08 10:18 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/18/08 10:18 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/18/08 10:18 PM
Surr: a,a,a-Trifluorotoluene	96.7	0	87 - 113		%REC	1	12/18/08 10:18 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: AJR**
Barium	0.119	0.00300	0.0100		mg/L	1	12/19/08 08:17 PM
Calcium	67.3	1.00	3.00		mg/L	10	12/24/08 04:56 PM
Iron	0.561	0.0500	0.150		mg/L	1	12/19/08 08:17 PM
Magnesium	22.9	1.00	3.00		mg/L	10	12/24/08 04:56 PM
Potassium	9.07	0.100	0.300		mg/L	1	12/19/08 08:17 PM
Sodium	95.5	1.00	3.00		mg/L	10	12/24/08 04:56 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	104	3.00	10.0		mg/L	10	12/18/08 03:32 PM
Sulfate	228	10.0	30.0		mg/L	10	12/18/08 03:32 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	63.1	10.0	20.0		mg/L	1	12/18/08 04:52 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/18/08 04:52 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/18/08 04:52 PM
Alkalinity, Total (As CaCO3)	72.3	10.0	20.0		mg/L	1	12/18/08 04:52 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	563	10.0	10.0		mg/L	1	12/22/08 08:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	**Client Sample ID:**	C-WW-01
Project:	RRC- Click (Snyder)	**Lab ID:**	0812146-08
Project No:	165296	**Collection Date:**	12/16/08 11:30 AM
Lab Order:	0812146	**Matrix:**	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	0.960	0.702	2.01	J	mg/L	1	12/18/08 07:33 PM
T/R Hydrocarbons: >C12-C28	ND	0.702	2.01		mg/L	1	12/18/08 07:33 PM
T/R Hydrocarbons: >C28-C35	ND	0.702	2.01		mg/L	1	12/18/08 07:33 PM
T/R Hydrocarbons: C6-C35	0.960	0.702	2.01	J	mg/L	1	12/18/08 07:33 PM
Surr: Isopropylbenzene	88.8	0	70 - 130		%REC	1	12/18/08 07:33 PM
Surr: Octacosane	94.1	0	70 - 130		%REC	1	12/18/08 07:33 PM
Volatile Organics by GC		**SW8021B**					**Analyst: JAW**
Benzene	0.00953	0.000800	0.00200		mg/L	1	12/19/08 01:02 AM
Ethylbenzene	0.00276	0.00200	0.00600	J	mg/L	1	12/19/08 01:02 AM
Toluene	0.00722	0.00200	0.00600		mg/L	1	12/19/08 01:02 AM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/19/08 01:02 AM
Surr: a,a,a-Trifluorotoluene	100	0	87 - 113		%REC	1	12/19/08 01:02 AM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: AJR**
Barium	0.266	0.00300	0.0100		mg/L	1	12/19/08 08:22 PM
Calcium	879	50.0	150		mg/L	500	12/30/08 02:33 PM
Iron	8.91	0.0500	0.150		mg/L	1	12/19/08 08:22 PM
Magnesium	229	50.0	150		mg/L	500	12/24/08 05:02 PM
Potassium	15.5	0.500	1.50		mg/L	5	12/24/08 09:15 PM
Sodium	1760	50.0	150		mg/L	500	12/24/08 05:02 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	5590	150	500		mg/L	500	12/18/08 03:48 PM
Sulfate	14.1	1.00	3.00		mg/L	1	12/18/08 04:03 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/18/08 05:00 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/18/08 05:00 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/18/08 05:00 PM
Alkalinity, Total (As CaCO3)	ND	10.0	20.0		mg/L	1	12/18/08 05:00 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	10300	10.0	10.0		mg/L	1	12/22/08 08:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	**Client Sample ID:**	C-WW-01-D
Project:	RRC- Click (Snyder)	**Lab ID:**	0812146-09
Project No:	165296	**Collection Date:**	12/16/08 11:30 AM
Lab Order:	0812146	**Matrix:**	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	0.897	0.692	1.98	J	mg/L	1	12/18/08 07:50 PM
T/R Hydrocarbons: >C12-C28	ND	0.692	1.98		mg/L	1	12/18/08 07:50 PM
T/R Hydrocarbons: >C28-C35	ND	0.692	1.98		mg/L	1	12/18/08 07:50 PM
T/R Hydrocarbons: C6-C35	0.897	0.692	1.98	J	mg/L	1	12/18/08 07:50 PM
Surr: Isopropylbenzene	83.1	0	70 - 130		%REC	1	12/18/08 07:50 PM
Surr: Octacosane	88.0	0	70 - 130		%REC	1	12/18/08 07:50 PM
Volatile Organics by GC		**SW8021B**					**Analyst: JAW**
Benzene	0.00882	0.000800	0.00200		mg/L	1	12/19/08 12:44 AM
Ethylbenzene	0.00208	0.00200	0.00600	J	mg/L	1	12/19/08 12:44 AM
Toluene	0.00515	0.00200	0.00600	J	mg/L	1	12/19/08 12:44 AM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/19/08 12:44 AM
Surr: a,a,a-Trifluorotoluene	97.8	0	87 - 113		%REC	1	12/19/08 12:44 AM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: AJR**
Barium	0.432	0.00300	0.0100		mg/L	1	12/19/08 08:27 PM
Calcium	1130	50.0	150		mg/L	500	12/24/08 05:07 PM
Iron	14.4	0.250	0.750		mg/L	5	12/24/08 09:20 PM
Magnesium	292	50.0	150		mg/L	500	12/24/08 05:07 PM
Potassium	16.7	0.500	1.50		mg/L	5	12/24/08 09:20 PM
Sodium	1980	50.0	150		mg/L	500	12/24/08 05:07 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	5290	150	500		mg/L	500	12/18/08 04:35 PM
Sulfate	18.3	1.00	3.00		mg/L	1	12/18/08 04:19 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/18/08 05:02 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/18/08 05:02 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/18/08 05:02 PM
Alkalinity, Total (As CaCO3)	ND	10.0	20.0		mg/L	1	12/18/08 05:02 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	9440	10.0	10.0		mg/L	1	12/22/08 08:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	**Client Sample ID:**	C-P-01
Project:	RRC- Click (Snyder)	**Lab ID:**	0812146-10
Project No:	165296	**Collection Date:**	12/16/08 12:05 PM
Lab Order:	0812146	**Matrix:**	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.690	1.97		mg/L	1	12/18/08 07:59 PM
T/R Hydrocarbons: >C12-C28	ND	0.690	1.97		mg/L	1	12/18/08 07:59 PM
T/R Hydrocarbons: >C28-C35	ND	0.690	1.97		mg/L	1	12/18/08 07:59 PM
T/R Hydrocarbons: C6-C35	ND	0.690	1.97		mg/L	1	12/18/08 07:59 PM
Surr: Isopropylbenzene	80.6	0	70 - 130		%REC	1	12/18/08 07:59 PM
Surr: Octacosane	86.9	0	70 - 130		%REC	1	12/18/08 07:59 PM
Volatile Organics by GC		**SW8021B**					**Analyst: JAW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/18/08 10:36 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/18/08 10:36 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/18/08 10:36 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/18/08 10:36 PM
Surr: a,a,a-Trifluorotoluene	95.7	0	87 - 113		%REC	1	12/18/08 10:36 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: AJR**
Barium	0.184	0.00300	0.0100		mg/L	1	12/19/08 08:32 PM
Calcium	103	2.00	6.00		mg/L	20	12/24/08 09:26 PM
Iron	ND	0.0500	0.150		mg/L	1	12/19/08 08:32 PM
Magnesium	87.8	2.00	6.00		mg/L	20	12/24/08 09:26 PM
Potassium	17.8	2.00	6.00		mg/L	20	12/24/08 09:26 PM
Sodium	567	10.0	30.0		mg/L	100	12/24/08 05:13 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	836	30.0	100		mg/L	100	12/18/08 05:06 PM
Sulfate	550	10.0	30.0		mg/L	10	12/18/08 04:50 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	37.5	10.0	20.0		mg/L	1	12/18/08 05:05 PM
Alkalinity, Carbonate (As CaCO3)	11.0	10.0	20.0	J	mg/L	1	12/18/08 05:05 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/18/08 05:05 PM
Alkalinity, Total (As CaCO3)	48.5	10.0	20.0		mg/L	1	12/18/08 05:05 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	2320	10.0	10.0		mg/L	1	12/22/08 08:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	**Client Sample ID:**	C-MW-19
Project:	RRC- Click (Snyder)	**Lab ID:**	0812146-11
Project No:	165296	**Collection Date:**	12/16/08 11:15 AM
Lab Order:	0812146	**Matrix:**	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.689	1.97		mg/L	1	12/18/08 08:08 PM
T/R Hydrocarbons: >C12-C28	ND	0.689	1.97		mg/L	1	12/18/08 08:08 PM
T/R Hydrocarbons: >C28-C35	ND	0.689	1.97		mg/L	1	12/18/08 08:08 PM
T/R Hydrocarbons: C6-C35	ND	0.689	1.97		mg/L	1	12/18/08 08:08 PM
Surr: Isopropylbenzene	91.9	0	70 - 130		%REC	1	12/18/08 08:08 PM
Surr: Octacosane	93.4	0	70 - 130		%REC	1	12/18/08 08:08 PM
Volatile Organics by GC		**SW8021B**					**Analyst: JAW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/18/08 10:55 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/18/08 10:55 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/18/08 10:55 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/18/08 10:55 PM
Surr: a,a,a-Trifluorotoluene	97.4	0	87 - 113		%REC	1	12/18/08 10:55 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: AJR**
Barium	0.0508	0.00300	0.0100		mg/L	1	12/19/08 08:38 PM
Calcium	227	10.0	30.0		mg/L	100	12/24/08 05:57 PM
Iron	0.325	0.0500	0.150		mg/L	1	12/19/08 08:38 PM
Magnesium	94.3	10.0	30.0		mg/L	100	12/24/08 05:57 PM
Potassium	13.2	0.500	1.50		mg/L	5	12/24/08 09:31 PM
Sodium	694	10.0	30.0		mg/L	100	12/24/08 05:57 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	1100	30.0	100		mg/L	100	12/18/08 12:44 PM
Sulfate	689	100	300		mg/L	100	12/18/08 12:44 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	231	10.0	20.0		mg/L	1	12/18/08 05:09 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/18/08 05:09 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/18/08 05:09 PM
Alkalinity, Total (As CaCO3)	231	10.0	20.0		mg/L	1	12/18/08 05:09 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	2900	10.0	10.0		mg/L	1	12/22/08 08:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	**Client Sample ID:**	C-MW-09
Project:	RRC- Click (Snyder)	**Lab ID:**	0812146-12
Project No:	165296	**Collection Date:**	12/16/08 11:55 AM
Lab Order:	0812146	**Matrix:**	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	0.808	0.704	2.01	J	mg/L	1	12/18/08 08:17 PM
T/R Hydrocarbons: >C12-C28	ND	0.704	2.01		mg/L	1	12/18/08 08:17 PM
T/R Hydrocarbons: >C28-C35	ND	0.704	2.01		mg/L	1	12/18/08 08:17 PM
T/R Hydrocarbons: C6-C35	0.808	0.704	2.01	J	mg/L	1	12/18/08 08:17 PM
Surr: Isopropylbenzene	84.9	0	70 - 130		%REC	1	12/18/08 08:17 PM
Surr: Octacosane	85.9	0	70 - 130		%REC	1	12/18/08 08:17 PM
Volatile Organics by GC		**SW8021B**					**Analyst: JAW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/18/08 11:13 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/18/08 11:13 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/18/08 11:13 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/18/08 11:13 PM
Surr: a,a,a-Trifluorotoluene	97.4	0	87 - 113		%REC	1	12/18/08 11:13 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: AJR**
Barium	0.0704	0.00300	0.0100		mg/L	1	12/19/08 08:43 PM
Calcium	432	10.0	30.0		mg/L	100	12/24/08 06:02 PM
Iron	3.18	0.0500	0.150		mg/L	1	12/19/08 08:43 PM
Magnesium	146	10.0	30.0		mg/L	100	12/24/08 06:02 PM
Potassium	8.26	0.100	0.300		mg/L	1	12/19/08 08:43 PM
Sodium	881	10.0	30.0		mg/L	100	12/24/08 06:02 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	1470	30.0	100		mg/L	100	12/18/08 01:13 PM
Sulfate	809	10.0	30.0		mg/L	10	12/18/08 12:59 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	423	10.0	20.0		mg/L	1	12/18/08 05:18 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/18/08 05:18 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/18/08 05:18 PM
Alkalinity, Total (As CaCO3)	423	10.0	20.0		mg/L	1	12/18/08 05:18 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	3970	10.0	10.0		mg/L	1	12/22/08 08:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	**Client Sample ID:**	C-S-04
Project:	RRC- Click (Snyder)	**Lab ID:**	0812146-13
Project No:	165296	**Collection Date:**	12/16/08 12:20 PM
Lab Order:	0812146	**Matrix:**	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.691	1.97		mg/L	1	12/18/08 08:26 PM
T/R Hydrocarbons: >C12-C28	ND	0.691	1.97		mg/L	1	12/18/08 08:26 PM
T/R Hydrocarbons: >C28-C35	ND	0.691	1.97		mg/L	1	12/18/08 08:26 PM
T/R Hydrocarbons: C6-C35	ND	0.691	1.97		mg/L	1	12/18/08 08:26 PM
Surr: Isopropylbenzene	89.4	0	70 - 130		%REC	1	12/18/08 08:26 PM
Surr: Octacosane	91.4	0	70 - 130		%REC	1	12/18/08 08:26 PM
Volatile Organics by GC		**SW8021B**					**Analyst: JAW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/18/08 11:31 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/18/08 11:31 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/18/08 11:31 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/18/08 11:31 PM
Surr: a,a,a-Trifluorotoluene	97.0	0	87 - 113		%REC	1	12/18/08 11:31 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: AJR**
Barium	0.129	0.00300	0.0100		mg/L	1	12/19/08 08:48 PM
Calcium	104	5.00	15.0		mg/L	50	12/24/08 06:08 PM
Iron	0.316	0.0500	0.150		mg/L	1	12/19/08 08:48 PM
Magnesium	25.6	5.00	15.0		mg/L	50	12/24/08 06:08 PM
Potassium	3.84	0.100	0.300		mg/L	1	12/19/08 08:48 PM
Sodium	230	5.00	15.0		mg/L	50	12/24/08 06:08 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	200	3.00	10.0		mg/L	10	12/18/08 01:28 PM
Sulfate	197	10.0	30.0		mg/L	10	12/18/08 01:28 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	377	10.0	20.0		mg/L	1	12/18/08 05:26 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/18/08 05:26 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/18/08 05:26 PM
Alkalinity, Total (As CaCO3)	377	10.0	20.0		mg/L	1	12/18/08 05:26 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	1040	10.0	10.0		mg/L	1	12/22/08 08:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	**Client Sample ID:**	C-TB-12-17-08-02
Project:	RRC- Click (Snyder)	**Lab ID:**	0812146-14
Project No:	165296	**Collection Date:**	12/17/08
Lab Order:	0812146	**Matrix:**	Trip Blank

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Volatile Organics by GC		**SW8021B**					**Analyst: JAW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/18/08 07:36 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/18/08 07:36 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/18/08 07:36 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/18/08 07:36 PM
Surr: a,a,a-Trifluorotoluene	93.8	0	87 - 113		%REC	1	12/18/08 07:36 PM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	**Client Sample ID:**	C-MW-02
Project:	RRC- Click (Snyder)	**Lab ID:**	0812146-15
Project No:	165296	**Collection Date:**	12/16/08 01:10 PM
Lab Order:	0812146	**Matrix:**	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.689	1.97		mg/L	1	12/19/08 05:36 PM
T/R Hydrocarbons: >C12-C28	ND	0.689	1.97		mg/L	1	12/19/08 05:36 PM
T/R Hydrocarbons: >C28-C35	ND	0.689	1.97		mg/L	1	12/19/08 05:36 PM
T/R Hydrocarbons: C6-C35	ND	0.689	1.97		mg/L	1	12/19/08 05:36 PM
Surr: Isopropylbenzene	85.7	0	70 - 130		%REC	1	12/19/08 05:36 PM
Surr: Octacosane	91.0	0	70 - 130		%REC	1	12/19/08 05:36 PM
Volatile Organics by GC		**SW8021B**					**Analyst: JAW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/18/08 11:49 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/18/08 11:49 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/18/08 11:49 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/18/08 11:49 PM
Surr: a,a,a-Trifluorotoluene	98.0	0	87 - 113		%REC	1	12/18/08 11:49 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: AJR**
Barium	0.0593	0.00300	0.0100		mg/L	1	12/19/08 09:34 PM
Calcium	692	10.0	30.0		mg/L	100	12/24/08 06:14 PM
Iron	1.05	0.0500	0.150		mg/L	1	12/19/08 09:34 PM
Magnesium	112	10.0	30.0		mg/L	100	12/24/08 06:14 PM
Potassium	14.7	0.500	1.50		mg/L	5	12/24/08 09:37 PM
Sodium	938	10.0	30.0		mg/L	100	12/24/08 06:14 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	2120	30.0	100		mg/L	100	12/18/08 01:43 PM
Sulfate	836	100	300		mg/L	100	12/18/08 01:43 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	245	10.0	20.0		mg/L	1	12/18/08 05:32 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/18/08 05:32 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/18/08 05:32 PM
Alkalinity, Total (As CaCO3)	245	10.0	20.0		mg/L	1	12/18/08 05:32 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	5180	10.0	10.0		mg/L	1	12/22/08 10:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	**Client Sample ID:**	C-TB-12-17-08-01
Project:	RRC- Click (Snyder)	**Lab ID:**	0812146-16
Project No:	165296	**Collection Date:**	12/17/08
Lab Order:	0812146	**Matrix:**	Trip Blank

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Volatile Organics by GC		**SW8021B**					**Analyst: JAW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/18/08 07:54 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/18/08 07:54 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/18/08 07:54 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/18/08 07:54 PM
Surr: a,a,a-Trifluorotoluene	97.2	0	87 - 113		%REC	1	12/18/08 07:54 PM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT: TRC Environmental Corp.
Work Order: 0812146
Project: RRC- Click (Snyder)

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_081218A

Sample ID:	**LCS-32764**	**Batch ID:**	**32764**		**TestNo:**		**TX1005**		**Units:**		**mg/L**
SampType:	**LCS**	**Run ID:**	**GC12_081218A**		**Analysis Date:**		**12/18/08 04:36 PM**		**Prep Date:**		**12/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
T/R Hydrocarbons: C6-C35		22.6	2.00	25.00	0	90.2	75	125			
Surr: Isopropylbenzene		2.18		2.500		87.3	70	130			
Surr: Octacosane		2.26		2.500		90.3	70	130			

Sample ID:	**LCSD-32764**	**Batch ID:**	**32764**		**TestNo:**		**TX1005**		**Units:**		**mg/L**
SampType:	**LCSD**	**Run ID:**	**GC12_081218A**		**Analysis Date:**		**12/18/08 04:45 PM**		**Prep Date:**		**12/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
T/R Hydrocarbons: C6-C35		21.4	2.00	25.00	0	85.4	75	125	5.45	20	
Surr: Isopropylbenzene		2.08		2.500		83.0	70	130	0	0	
Surr: Octacosane		2.10		2.500		84.2	70	130	0	0	

Sample ID:	**MB-32764**	**Batch ID:**	**32764**		**TestNo:**		**TX1005**		**Units:**		**mg/L**
SampType:	**MBLK**	**Run ID:**	**GC12_081218A**		**Analysis Date:**		**12/18/08 04:54 PM**		**Prep Date:**		**12/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
T/R Hydrocarbons: C6-C12		ND	2.00								
T/R Hydrocarbons: >C12-C28		ND	2.00								
T/R Hydrocarbons: >C28-C35		ND	2.00								
T/R Hydrocarbons: C6-C35		ND	2.00								
Surr: Isopropylbenzene		2.09		2.500		83.6	70	130			
Surr: Octacosane		2.23		2.500		89.0	70	130			

Sample ID:	**0812132-01BMS**	**Batch ID:**	**32764**		**TestNo:**		**TX1005**		**Units:**		**mg/L**
SampType:	**MS**	**Run ID:**	**GC12_081218A**		**Analysis Date:**		**12/18/08 05:29 PM**		**Prep Date:**		**12/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
T/R Hydrocarbons: C6-C35		22.2	2.01	25.08	0	88.6	75	125			
Surr: Isopropylbenzene		2.07		2.508		82.6	70	130			
Surr: Octacosane		2.20		2.508		87.8	70	130			

Sample ID:	**0812132-01BMSD**	**Batch ID:**	**32764**		**TestNo:**		**TX1005**		**Units:**		**mg/L**
SampType:	**MSD**	**Run ID:**	**GC12_081218A**		**Analysis Date:**		**12/18/08 05:38 PM**		**Prep Date:**		**12/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
T/R Hydrocarbons: C6-C35		22.4	1.98	24.77	0	90.6	75	125	1.04	20	
Surr: Isopropylbenzene		2.11		2.477		85.3	70	130	0	0	
Surr: Octacosane		2.21		2.477		89.3	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812146
Project: RRC- Click (Snyder)

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_081218A

Sample ID:	**ICV-081218**	**Batch ID:**	**R41130**		**TestNo:**		**TX1005**		**Units:**		**mg/L**
SampType:	**ICV**	**Run ID:**	**GC12_081218A**		**Analysis Date:**		**12/18/08 04:27 PM**		**Prep Date:**		
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
T/R Hydrocarbons: C6-C35		933	2.00	1000	0	93.3	75	125			
Surr: Isopropylbenzene		43.1		50.00		86.2	70	130			
Surr: Octacosane		51.3		50.00		103	70	130			

Sample ID:	**CCV1-081218**	**Batch ID:**	**R41130**		**TestNo:**		**TX1005**		**Units:**		**mg/L**
SampType:	**CCV**	**Run ID:**	**GC12_081218A**		**Analysis Date:**		**12/18/08 06:04 PM**		**Prep Date:**		
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
T/R Hydrocarbons: C6-C35		478	2.00	500.0	0	95.5	75	125			
Surr: Isopropylbenzene		23.1		25.00		92.6	70	130			
Surr: Octacosane		25.1		25.00		101	70	130			

Sample ID:	**CCV2-081218**	**Batch ID:**	**R41130**		**TestNo:**		**TX1005**		**Units:**		**mg/L**
SampType:	**CCV**	**Run ID:**	**GC12_081218A**		**Analysis Date:**		**12/18/08 07:42 PM**		**Prep Date:**		
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
T/R Hydrocarbons: C6-C35		502	2.00	500.0	0	100	75	125			
Surr: Isopropylbenzene		23.7		25.00		94.9	70	130			
Surr: Octacosane		25.1		25.00		101	70	130			

Sample ID:	**CCV3-081218**	**Batch ID:**	**R41130**		**TestNo:**		**TX1005**		**Units:**		**mg/L**
SampType:	**CCV**	**Run ID:**	**GC12_081218A**		**Analysis Date:**		**12/18/08 08:34 PM**		**Prep Date:**		
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
T/R Hydrocarbons: C6-C35		467	2.00	500.0	0	93.5	75	125			
Surr: Isopropylbenzene		23.2		25.00		92.6	70	130			
Surr: Octacosane		25.3		25.00		101	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812146
Project: RRC- Click (Snyder)

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_081219B

Sample ID:	**LCS-32783**	**Batch ID:**	**32783**	**TestNo:**		**TX1005**		**Units:**		**mg/L**	
SampType:	**LCS**	**Run ID:**	**GC12_081219B**	**Analysis Date:**		**12/19/08 05:10 PM**		**Prep Date:**		**12/19/08**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
T/R Hydrocarbons: C6-C35		22.0	2.00	25.00	0	88.1	75	125			
Surr: Isopropylbenzene		2.17		2.500		86.9	70	130			
Surr: Octacosane		2.32		2.500		92.6	70	130			

Sample ID:	**LCSD-32783**	**Batch ID:**	**32783**	**TestNo:**		**TX1005**		**Units:**		**mg/L**	
SampType:	**LCSD**	**Run ID:**	**GC12_081219B**	**Analysis Date:**		**12/19/08 05:19 PM**		**Prep Date:**		**12/19/08**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
T/R Hydrocarbons: C6-C35		22.0	2.00	25.00	0	88.0	75	125	0.137	20	
Surr: Isopropylbenzene		2.15		2.500		86.1	70	130	0	0	
Surr: Octacosane		2.22		2.500		88.8	70	130	0	0	

Sample ID:	**MB-32783**	**Batch ID:**	**32783**	**TestNo:**		**TX1005**		**Units:**		**mg/L**	
SampType:	**MBLK**	**Run ID:**	**GC12_081219B**	**Analysis Date:**		**12/19/08 05:27 PM**		**Prep Date:**		**12/19/08**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
T/R Hydrocarbons: C6-C12		ND	2.00								
T/R Hydrocarbons: >C12-C28		ND	2.00								
T/R Hydrocarbons: >C28-C35		ND	2.00								
T/R Hydrocarbons: C6-C35		ND	2.00								
Surr: Isopropylbenzene		2.09		2.500		83.4	70	130			
Surr: Octacosane		2.31		2.500		92.4	70	130			

Sample ID:	**0812147-02BMS**	**Batch ID:**	**32783**	**TestNo:**		**TX1005**		**Units:**		**mg/L**	
SampType:	**MS**	**Run ID:**	**GC12_081219B**	**Analysis Date:**		**12/19/08 06:03 PM**		**Prep Date:**		**12/19/08**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
T/R Hydrocarbons: C6-C35		21.7	2.00	24.99	0	86.9	75	125			
Surr: Isopropylbenzene		2.04		2.499		81.5	70	130			
Surr: Octacosane		2.13		2.499		85.3	70	130			

Sample ID:	**0812147-02BMSD**	**Batch ID:**	**32783**	**TestNo:**		**TX1005**		**Units:**		**mg/L**	
SampType:	**MSD**	**Run ID:**	**GC12_081219B**	**Analysis Date:**		**12/19/08 06:12 PM**		**Prep Date:**		**12/19/08**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
T/R Hydrocarbons: C6-C35		22.9	1.99	24.92	0	91.8	75	125	5.22	20	
Surr: Isopropylbenzene		2.20		2.492		88.2	70	130	0	0	
Surr: Octacosane		2.26		2.492		90.6	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812146
Project: RRC- Click (Snyder)

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_081219B

Sample ID:	**ICV-081219**	**Batch ID:**	**R41148**	**TestNo:**		**TX1005**		**Units:**		**mg/L**
SampType:	**ICV**	**Run ID:**	**GC12_081219B**	**Analysis Date:**		**12/19/08 12:45 PM**		**Prep Date:**		
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
T/R Hydrocarbons: C6-C35		970	2.00	1000	0	97.0	75	125			
Surr: Isopropylbenzene		44.2		50.00		88.4	70	130			
Surr: Octacosane		53.2		50.00		106	70	130			

Sample ID:	**CCV3-081219**	**Batch ID:**	**R41148**	**TestNo:**		**TX1005**		**Units:**		**mg/L**
SampType:	**CCV**	**Run ID:**	**GC12_081219B**	**Analysis Date:**		**12/19/08 04:52 PM**		**Prep Date:**		
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
T/R Hydrocarbons: C6-C35		498	2.00	500.0	0	99.6	75	125			
Surr: Isopropylbenzene		24.1		25.00		96.5	70	130			
Surr: Octacosane		26.1		25.00		104	70	130			

Sample ID:	**CCV4-081219**	**Batch ID:**	**R41148**	**TestNo:**		**TX1005**		**Units:**		**mg/L**
SampType:	**CCV**	**Run ID:**	**GC12_081219B**	**Analysis Date:**		**12/19/08 06:38 PM**		**Prep Date:**		
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
T/R Hydrocarbons: C6-C35		506	2.00	500.0	0	101	75	125			
Surr: Isopropylbenzene		24.2		25.00		97.0	70	130			
Surr: Octacosane		25.8		25.00		103	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812146
Project: RRC- Click (Snyder)

ANALYTICAL QC SUMMARY REPORT

RunID: GC8_081218B

Sample ID:	**LCS-32768**	**Batch ID:**	**32768**	**TestNo:**		**SW8021B**		**Units:**		**mg/L**
SampType:	**LCS**	**Run ID:**	**GC8_081218B**	**Analysis Date:**		**12/18/08 05:05 PM**		**Prep Date:**		**12/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Benzene		0.0516	0.00200	0.0500	0	103	81	125			
Toluene		0.0512	0.00600	0.0500	0	102	84	123			
Ethylbenzene		0.0503	0.00600	0.0500	0	101	83	119			
Xylenes, Total		0.150	0.00900	0.150	0	100	81	117			
Surr: a,a,a-Trifluorotoluene		189		200.0		94.4	87	113			

Sample ID:	**MB-32768**	**Batch ID:**	**32768**	**TestNo:**		**SW8021B**		**Units:**		**mg/L**
SampType:	**MBLK**	**Run ID:**	**GC8_081218B**	**Analysis Date:**		**12/18/08 05:23 PM**		**Prep Date:**		**12/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Benzene		ND	0.00200								
Toluene		ND	0.00600								
Ethylbenzene		ND	0.00600								
Xylenes, Total		ND	0.00900								
Surr: a,a,a-Trifluorotoluene		195		200.0		97.5	87	113			

Sample ID:	**0812146-08AMS**	**Batch ID:**	**32768**	**TestNo:**		**SW8021B**		**Units:**		**mg/L**
SampType:	**MS**	**Run ID:**	**GC8_081218B**	**Analysis Date:**		**12/19/08 01:39 AM**		**Prep Date:**		**12/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Benzene		0.0625	0.00200	0.0500	0.00953	106	81	125			
Toluene		0.0599	0.00600	0.0500	0.00722	105	84	123			
Ethylbenzene		0.0547	0.00600	0.0500	0.00276	104	83	119			
Xylenes, Total		0.156	0.00900	0.150	0	104	81	117			
Surr: a,a,a-Trifluorotoluene		195		200.0		97.5	87	113			

Sample ID:	**0812146-08AMSD**	**Batch ID:**	**32768**	**TestNo:**		**SW8021B**		**Units:**		**mg/L**
SampType:	**MSD**	**Run ID:**	**GC8_081218B**	**Analysis Date:**		**12/19/08 01:57 AM**		**Prep Date:**		**12/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Benzene		0.0640	0.00200	0.0500	0.00953	109	81	125	2.29	20	
Toluene		0.0614	0.00600	0.0500	0.00722	108	84	123	2.43	20	
Ethylbenzene		0.0560	0.00600	0.0500	0.00276	107	83	119	2.37	20	
Xylenes, Total		0.159	0.00900	0.150	0	106	81	117	2.40	20	
Surr: a,a,a-Trifluorotoluene		202		200.0		101	87	113	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812146
Project: RRC- Click (Snyder)

ANALYTICAL QC SUMMARY REPORT

RunID: GC8_081218B

Sample ID:	**ICV-081218**	**Batch ID:**	**R41129**		**TestNo:**		**SW8021B**		**Units:**		**mg/L**
SampType:	**ICV**	**Run ID:**	**GC8_081218B**		**Analysis Date:**		**12/18/08 04:47 PM**		**Prep Date:**		
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Benzene		0.101	0.00200	0.100	0	101	85	115			
Toluene		0.0997	0.00600	0.100	0	99.7	85	115			
Ethylbenzene		0.0984	0.00600	0.100	0	98.4	85	115			
Xylenes, Total		0.294	0.00900	0.300	0	98.0	85	115			
Surr: a,a,a-Trifluorotoluene		194		200.0		96.9	87	113			

Sample ID:	**CCV1-081218**	**Batch ID:**	**R41129**		**TestNo:**		**SW8021B**		**Units:**		**mg/L**
SampType:	**CCV**	**Run ID:**	**GC8_081218B**		**Analysis Date:**		**12/18/08 10:00 PM**		**Prep Date:**		
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Benzene		0.0533	0.00200	0.0500	0	107	85	115			
Toluene		0.0528	0.00600	0.0500	0	106	85	115			
Ethylbenzene		0.0521	0.00600	0.0500	0	104	85	115			
Xylenes, Total		0.155	0.00900	0.150	0	104	85	115			
Surr: a,a,a-Trifluorotoluene		189		200.0		94.6	87	113			

Sample ID:	**CCV2-081218**	**Batch ID:**	**R41129**		**TestNo:**		**SW8021B**		**Units:**		**mg/L**
SampType:	**CCV**	**Run ID:**	**GC8_081218B**		**Analysis Date:**		**12/19/08 01:20 AM**		**Prep Date:**		
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Benzene		0.0544	0.00200	0.0500	0	109	85	115			
Toluene		0.0540	0.00600	0.0500	0	108	85	115			
Ethylbenzene		0.0532	0.00600	0.0500	0	106	85	115			
Xylenes, Total		0.157	0.00900	0.150	0	105	85	115			
Surr: a,a,a-Trifluorotoluene		193		200.0		96.6	87	113			

Sample ID:	**CCV3-081218**	**Batch ID:**	**R41129**		**TestNo:**		**SW8021B**		**Units:**		**mg/L**
SampType:	**CCV**	**Run ID:**	**GC8_081218B**		**Analysis Date:**		**12/19/08 03:10 AM**		**Prep Date:**		
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Benzene		0.0527	0.00200	0.0500	0	105	85	115			
Toluene		0.0522	0.00600	0.0500	0	104	85	115			
Ethylbenzene		0.0515	0.00600	0.0500	0	103	85	115			
Xylenes, Total		0.153	0.00900	0.150	0	102	85	115			
Surr: a,a,a-Trifluorotoluene		192		200.0		96.0	87	113			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812146
Project: RRC- Click (Snyder)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS2_081224A

Sample ID:	**MB-32773**	**Batch ID:**	**32773**		**TestNo:**		**SW6020**			**Units:**	**mg/L**
SampType:	**MBLK**	**Run ID:**	**ICP-MS2_081224A**		**Analysis Date:**		**12/24/08 01:50 PM**			**Prep Date:**	**12/19/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Sodium		ND	0.300								

Sample ID:	**LCS-32773**	**Batch ID:**	**32773**		**TestNo:**		**SW6020**			**Units:**	**mg/L**
SampType:	**LCS**	**Run ID:**	**ICP-MS2_081224A**		**Analysis Date:**		**12/24/08 02:01 PM**			**Prep Date:**	**12/19/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Sodium		5.21	0.300	5.00	0	104	80	120			

Sample ID:	**LCSD-32773**	**Batch ID:**	**32773**		**TestNo:**		**SW6020**			**Units:**	**mg/L**
SampType:	**LCSD**	**Run ID:**	**ICP-MS2_081224A**		**Analysis Date:**		**12/24/08 02:06 PM**			**Prep Date:**	**12/19/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Sodium		5.23	0.300	5.00	0	105	80	120	0.364	15	

Sample ID:	**0812138-01A SD**	**Batch ID:**	**32773**		**TestNo:**		**SW6020**			**Units:**	**mg/L**
SampType:	**SD**	**Run ID:**	**ICP-MS2_081224A**		**Analysis Date:**		**12/24/08 03:01 PM**			**Prep Date:**	**12/19/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Sodium		86.8	30.0	0	85.7				1.19	10	

Sample ID:	**0812138-01A PDS**	**Batch ID:**	**32773**		**TestNo:**		**SW6020**			**Units:**	**mg/L**
SampType:	**PDS**	**Run ID:**	**ICP-MS2_081224A**		**Analysis Date:**		**12/24/08 03:06 PM**			**Prep Date:**	**12/19/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Sodium		192	6.00	100	85.7	106	75	125			

Sample ID:	**0812138-01A MS**	**Batch ID:**	**32773**		**TestNo:**		**SW6020**			**Units:**	**mg/L**
SampType:	**MS**	**Run ID:**	**ICP-MS2_081224A**		**Analysis Date:**		**12/24/08 03:12 PM**			**Prep Date:**	**12/19/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Sodium		86.2	6.00	5.00	85.7	8.80	80	120			S

Sample ID:	**0812138-01A MSD**	**Batch ID:**	**32773**		**TestNo:**		**SW6020**			**Units:**	**mg/L**
SampType:	**MSD**	**Run ID:**	**ICP-MS2_081224A**		**Analysis Date:**		**12/24/08 03:17 PM**			**Prep Date:**	**12/19/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Sodium		86.4	6.00	5.00	85.7	14.4	80	120	0.324	15	S

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812146
Project: RRC- Click (Snyder)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS2_081224A

Sample ID:	**ICV1-081224**	**Batch ID:**	**R41214**		**TestNo:**		**SW6020**		**Units:**		**mg/L**
SampType:	**ICV**	**Run ID:**	**ICP-MS2_081224A**		**Analysis Date:**		**12/24/08 01:33 PM**		**Prep Date:**		
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Barium		0.0994	0.0100	0.100	0	99.4	90	110			
Calcium		2.45	0.300	2.50	0	98.0	90	110			
Iron		2.60	0.150	2.50	0	104	90	110			
Magnesium		2.74	0.300	2.50	0	109	90	110			
Potassium		2.49	0.300	2.50	0	99.7	90	110			
Sodium		2.73	0.300	2.50	0	109	90	110			

Sample ID:	**CCV1-081224**	**Batch ID:**	**R41214**		**TestNo:**		**SW6020**		**Units:**		**mg/L**
SampType:	**CCV**	**Run ID:**	**ICP-MS2_081224A**		**Analysis Date:**		**12/24/08 02:23 PM**		**Prep Date:**		
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Calcium		4.94	0.300	5.00	0	98.8	90	110			
Magnesium		5.40	0.300	5.00	0	108	90	110			
Potassium		4.94	0.300	5.00	0	98.7	90	110			
Sodium		5.40	0.300	5.00	0	108	90	110			

Sample ID:	**CCV2-081224**	**Batch ID:**	**R41214**		**TestNo:**		**SW6020**		**Units:**		**mg/L**
SampType:	**CCV**	**Run ID:**	**ICP-MS2_081224A**		**Analysis Date:**		**12/24/08 03:50 PM**		**Prep Date:**		
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Calcium		4.99	0.300	5.00	0	99.7	90	110			
Iron		4.93	0.150	5.00	0	98.6	90	110			
Magnesium		5.42	0.300	5.00	0	108	90	110			
Potassium		4.94	0.300	5.00	0	98.9	90	110			
Sodium		5.46	0.300	5.00	0	109	90	110			

Sample ID:	**CCV3-081224**	**Batch ID:**	**R41214**		**TestNo:**		**SW6020**		**Units:**		**mg/L**
SampType:	**CCV**	**Run ID:**	**ICP-MS2_081224A**		**Analysis Date:**		**12/24/08 05:19 PM**		**Prep Date:**		
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Calcium		4.91	0.300	5.00	0	98.2	90	110			
Iron		4.88	0.150	5.00	0	97.6	90	110			
Magnesium		5.37	0.300	5.00	0	107	90	110			
Sodium		5.35	0.300	5.00	0	107	90	110			

Sample ID:	**CCV4-081224**	**Batch ID:**	**R41214**		**TestNo:**		**SW6020**		**Units:**		**mg/L**
SampType:	**CCV**	**Run ID:**	**ICP-MS2_081224A**		**Analysis Date:**		**12/24/08 06:52 PM**		**Prep Date:**		
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Calcium		4.98	0.300	5.00	0	99.6	90	110			
Magnesium		5.46	0.300	5.00	0	109	90	110			
Sodium		5.45	0.300	5.00	0	109	90	110			

Sample ID:	**CCV5-081224**	**Batch ID:**	**R41214**		**TestNo:**		**SW6020**		**Units:**		**mg/L**
SampType:	**CCV**	**Run ID:**	**ICP-MS2_081224A**		**Analysis Date:**		**12/24/08 08:04 PM**		**Prep Date:**		
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Calcium		5.02	0.300	5.00	0	100	90	110			
Iron		5.07	0.150	5.00	0	101	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812146
Project: RRC- Click (Snyder)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS2_081224A

Magnesium	5.43	0.300	5.00	0	109	90	110
Potassium	4.99	0.300	5.00	0	99.8	90	110
Sodium	5.43	0.300	5.00	0	109	90	110

Sample ID:	**CCV6-081224**	**Batch ID:**	**R41214**	**TestNo:**		**SW6020**	**Units:** mg/L
SampType:	**CCV**	**Run ID:**	**ICP-MS2_081224A**	**Analysis Date:**		**12/24/08 10:09 PM**	**Prep Date:**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium	0.200	0.0100	0.200	0	99.8	90	110			
Calcium	5.09	0.300	5.00	0	102	90	110			
Iron	4.68	0.150	5.00	0	93.6	90	110			
Magnesium	5.22	0.300	5.00	0	104	90	110			
Potassium	5.02	0.300	5.00	0	100	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812146
Project: RRC- Click (Snyder)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS2_081230A

Sample ID:	**ICV1-081230**	**Batch ID:**	**R41247**		**TestNo:**		**SW6020**		**Units:**		**mg/L**
SampType:	**ICV**	**Run ID:**	**ICP-MS2_081230A**		**Analysis Date:**		**12/30/08 12:04 PM**		**Prep Date:**		
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Barium		0.0997	0.0100	0.100	0	99.7	90	110			
Calcium		2.44	0.300	2.50	0	97.4	90	110			
Iron		2.52	0.150	2.50	0	101	90	110			
Magnesium		2.54	0.300	2.50	0	101	90	110			
Potassium		2.50	0.300	2.50	0	100	90	110			
Sodium		2.54	0.300	2.50	0	102	90	110			

Sample ID:	**CCV2-081230**	**Batch ID:**	**R41247**		**TestNo:**		**SW6020**		**Units:**		**mg/L**
SampType:	**CCV**	**Run ID:**	**ICP-MS2_081230A**		**Analysis Date:**		**12/30/08 02:05 PM**		**Prep Date:**		
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Barium		0.198	0.0100	0.200	0	99.2	90	110			
Calcium		4.82	0.300	5.00	0	96.5	90	110			
Magnesium		5.03	0.300	5.00	0	101	90	110			
Sodium		5.08	0.300	5.00	0	102	90	110			

Sample ID:	**CCV3-081230**	**Batch ID:**	**R41247**		**TestNo:**		**SW6020**		**Units:**		**mg/L**
SampType:	**CCV**	**Run ID:**	**ICP-MS2_081230A**		**Analysis Date:**		**12/30/08 02:50 PM**		**Prep Date:**		
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Barium		0.198	0.0100	0.200	0	98.8	90	110			
Calcium		4.79	0.300	5.00	0	95.8	90	110			
Iron		4.76	0.150	5.00	0	95.1	90	110			
Magnesium		5.02	0.300	5.00	0	100	90	110			
Potassium		4.97	0.300	5.00	0	99.4	90	110			
Sodium		4.99	0.300	5.00	0	99.8	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812146
Project: RRC- Click (Snyder)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS3_081219A

Sample ID:	**MB-32773**	**Batch ID:**	**32773**		**TestNo:**		**SW6020**		**Units:**		**mg/L**
SampType:	**MBLK**	**Run ID:**	**ICP-MS3_081219A**		**Analysis Date:**		**12/19/08 05:08 PM**		**Prep Date:**		**12/19/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Barium		ND	0.0100								
Calcium		ND	0.300								
Iron		ND	0.150								
Magnesium		ND	0.300								
Potassium		ND	0.300								

Sample ID:	**LCS-32773**	**Batch ID:**	**32773**		**TestNo:**		**SW6020**		**Units:**		**mg/L**
SampType:	**LCS**	**Run ID:**	**ICP-MS3_081219A**		**Analysis Date:**		**12/19/08 05:18 PM**		**Prep Date:**		**12/19/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Barium		0.207	0.0100	0.200	0	103	80	120			
Calcium		5.28	0.300	5.00	0	106	80	120			
Iron		4.99	0.150	5.00	0	99.8	80	120			
Magnesium		4.80	0.300	5.00	0	96.1	80	120			
Potassium		5.09	0.300	5.00	0	102	80	120			

Sample ID:	**LCSD-32773**	**Batch ID:**	**32773**		**TestNo:**		**SW6020**		**Units:**		**mg/L**
SampType:	**LCSD**	**Run ID:**	**ICP-MS3_081219A**		**Analysis Date:**		**12/19/08 05:23 PM**		**Prep Date:**		**12/19/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Barium		0.211	0.0100	0.200	0	106	80	120	2.11	15	
Calcium		5.10	0.300	5.00	0	102	80	120	3.56	15	
Iron		5.10	0.150	5.00	0	102	80	120	2.14	15	
Magnesium		4.87	0.300	5.00	0	97.4	80	120	1.34	15	
Potassium		5.20	0.300	5.00	0	104	80	120	2.20	15	

Sample ID:	**0812138-01A SD**	**Batch ID:**	**32773**		**TestNo:**		**SW6020**		**Units:**		**mg/L**
SampType:	**SD**	**Run ID:**	**ICP-MS3_081219A**		**Analysis Date:**		**12/19/08 05:44 PM**		**Prep Date:**		**12/19/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Barium		0.0304	0.0500	0	0.0290				4.79	10	
Calcium		10.4	1.50	0	9.40				9.71	10	
Iron		0	0.750	0	0.0626				0	10	
Magnesium		0	1.50	0	0.200				0	10	
Potassium		9.16	1.50	0	8.93				2.58	10	

Sample ID:	**0812138-01A PDS**	**Batch ID:**	**32773**		**TestNo:**		**SW6020**		**Units:**		**mg/L**
SampType:	**PDS**	**Run ID:**	**ICP-MS3_081219A**		**Analysis Date:**		**12/19/08 05:49 PM**		**Prep Date:**		**12/19/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Barium		0.234	0.0100	0.200	0.0290	102	75	125			
Calcium		13.9	0.300	5.00	9.40	89.4	75	125			
Iron		4.95	0.150	5.00	0.0626	97.7	75	125			
Magnesium		4.98	0.300	5.00	0.200	95.6	75	125			
Potassium		13.8	0.300	5.00	8.93	96.9	75	125			

Sample ID:	**0812138-01A MS**	**Batch ID:**	**32773**	**TestNo:**	**SW6020**	**Units:**	**mg/L**
SampType:	**MS**	**Run ID:**	**ICP-MS3_081219A**	**Analysis Date:**	**12/19/08 06:55 PM**	**Prep Date:**	**12/19/08**

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812146
Project: RRC- Click (Snyder)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS3_081219A

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium	0.233	0.0100	0.200	0.0290	102	80	120			
Calcium	15.2	0.300	5.00	9.40	117	80	120			
Iron	5.16	0.150	5.00	0.0626	102	80	120			
Magnesium	5.55	0.300	5.00	0.200	107	80	120			
Potassium	14.7	0.300	5.00	8.93	115	80	120			

Sample ID: 0812138-01A MSD **Batch ID:** 32773 **TestNo:** SW6020 **Units:** mg/L
SampType: MSD **Run ID:** ICP-MS3_081219A **Analysis Date:** 12/19/08 07:00 PM **Prep Date:** 12/19/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium	0.230	0.0100	0.200	0.0290	100	80	120	1.69	15	
Calcium	14.4	0.300	5.00	9.40	100	80	120	5.46	15	
Iron	5.02	0.150	5.00	0.0626	99.2	80	120	2.67	15	
Magnesium	5.42	0.300	5.00	0.200	104	80	120	2.24	15	
Potassium	14.9	0.300	5.00	8.93	119	80	120	1.36	15	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812146
Project: RRC- Click (Snyder)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS3_081219A

Sample ID:	**ICV1-081218**	**Batch ID:**	**R41150**		**TestNo:**		**SW6020**		**Units:**		**mg/L**
SampType:	**ICV**	**Run ID:**	**ICP-MS3_081219A**		**Analysis Date:**		**12/19/08 03:07 PM**		**Prep Date:**		
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Barium		0.0991	0.0100	0.100	0	99.1	90	110			
Calcium		2.49	0.300	2.50	0	99.7	90	110			
Iron		2.62	0.150	2.50	0	105	90	110			
Magnesium		2.49	0.300	2.50	0	99.5	90	110			
Potassium		2.52	0.300	2.50	0	101	90	110			
Sodium		2.48	0.300	2.50	0	99.4	90	110			

Sample ID:	**CCV1-081219**	**Batch ID:**	**R41150**		**TestNo:**		**SW6020**		**Units:**		**mg/L**
SampType:	**CCV**	**Run ID:**	**ICP-MS3_081219A**		**Analysis Date:**		**12/19/08 04:46 PM**		**Prep Date:**		
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Barium		0.209	0.0100	0.200	0	105	90	110			
Calcium		5.13	0.300	5.00	0	103	90	110			
Iron		5.04	0.150	5.00	0	101	90	110			
Magnesium		5.06	0.300	5.00	0	101	90	110			
Potassium		5.32	0.300	5.00	0	106	90	110			
Sodium		5.14	0.300	5.00	0	103	90	110			

Sample ID:	**CCV2-081219**	**Batch ID:**	**R41150**		**TestNo:**		**SW6020**		**Units:**		**mg/L**
SampType:	**CCV**	**Run ID:**	**ICP-MS3_081219A**		**Analysis Date:**		**12/19/08 06:04 PM**		**Prep Date:**		
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Barium		0.218	0.0100	0.200	0	109	90	110			
Calcium		5.28	0.300	5.00	0	106	90	110			
Iron		5.08	0.150	5.00	0	102	90	110			
Magnesium		5.33	0.300	5.00	0	107	90	110			
Potassium		5.42	0.300	5.00	0	108	90	110			

Sample ID:	**CCV3-081219**	**Batch ID:**	**R41150**		**TestNo:**		**SW6020**		**Units:**		**mg/L**
SampType:	**CCV**	**Run ID:**	**ICP-MS3_081219A**		**Analysis Date:**		**12/19/08 07:36 PM**		**Prep Date:**		
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Barium		0.209	0.0100	0.200	0	105	90	110			
Calcium		4.93	0.300	5.00	0	98.6	90	110			
Iron		4.90	0.150	5.00	0	98.1	90	110			
Magnesium		4.92	0.300	5.00	0	98.3	90	110			
Potassium		5.18	0.300	5.00	0	104	90	110			

Sample ID:	**CCV4-081219**	**Batch ID:**	**R41150**		**TestNo:**		**SW6020**		**Units:**		**mg/L**
SampType:	**CCV**	**Run ID:**	**ICP-MS3_081219A**		**Analysis Date:**		**12/19/08 08:58 PM**		**Prep Date:**		
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Barium		0.215	0.0100	0.200	0	108	90	110			
Iron		4.89	0.150	5.00	0	97.8	90	110			
Potassium		5.33	0.300	5.00	0	107	90	110			

Sample ID:	**CCV5-081219**	**Batch ID:**	**R41150**		**TestNo:**		**SW6020**		**Units:**		**mg/L**
SampType:	**CCV**	**Run ID:**	**ICP-MS3_081219A**		**Analysis Date:**		**12/19/08 10:36 PM**		**Prep Date:**		

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812146
Project: RRC- Click (Snyder)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS3_081219A

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium	0.198	0.0100	0.200	0	98.8	90	110			
Iron	5.16	0.150	5.00	0	103	90	110			
Potassium	5.33	0.300	5.00	0	107	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812146
Project: RRC- Click (Snyder)

ANALYTICAL QC SUMMARY REPORT

RunID: IC_081218A

Sample ID:	**ICV-081218**	**Batch ID:**	**R41106**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**ICV**	**Run ID:**	**IC_081218A**		**Analysis Date:**		**12/18/08 09:18 AM**			**Prep Date:**	**12/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		24.3	1.00	25.00	0	97.1	90	110			
Sulfate		75.6	3.00	75.00	0	101	90	110			

Sample ID:	**LCS-081218**	**Batch ID:**	**R41106**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**LCS**	**Run ID:**	**IC_081218A**		**Analysis Date:**		**12/18/08 09:44 AM**			**Prep Date:**	**12/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		9.33	1.00	10.00	0	93.3	90	110			
Sulfate		29.2	3.00	30.00	0	97.4	90	110			

Sample ID:	**LCSD-081218**	**Batch ID:**	**R41106**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**LCSD**	**Run ID:**	**IC_081218A**		**Analysis Date:**		**12/18/08 10:00 AM**			**Prep Date:**	**12/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		9.34	1.00	10.00	0	93.4	90	110	0.138	20	
Sulfate		29.2	3.00	30.00	0	97.5	90	110	0.0181	20	

Sample ID:	**MB-081218**	**Batch ID:**	**R41106**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**MBLK**	**Run ID:**	**IC_081218A**		**Analysis Date:**		**12/18/08 10:15 AM**			**Prep Date:**	**12/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		ND	1.00								
Sulfate		ND	3.00								

Sample ID:	**0812146-01D MS**	**Batch ID:**	**R41106**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**MS**	**Run ID:**	**IC_081218A**		**Analysis Date:**		**12/18/08 12:05 PM**			**Prep Date:**	**12/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		270	10.0	100.0	175.3	94.8	90	110			
Sulfate		464	30.0	300.0	169.3	98.1	90	110			

Sample ID:	**0812146-01D MSD**	**Batch ID:**	**R41106**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**MSD**	**Run ID:**	**IC_081218A**		**Analysis Date:**		**12/18/08 12:21 PM**			**Prep Date:**	**12/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		269	10.0	100.0	175.3	93.4	90	110	0.506	20	
Sulfate		464	30.0	300.0	169.3	98.2	90	110	0.0457	20	

Sample ID:	**CCV1-081218**	**Batch ID:**	**R41106**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**CCV**	**Run ID:**	**IC_081218A**		**Analysis Date:**		**12/18/08 01:41 PM**			**Prep Date:**	**12/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		9.35	1.00	10.00	0	93.5	90	110			
Sulfate		29.2	3.00	30.00	0	97.3	90	110			

Sample ID:	**CCV2-081218**	**Batch ID:**	**R41106**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**CCV**	**Run ID:**	**IC_081218A**		**Analysis Date:**		**12/18/08 05:53 PM**			**Prep Date:**	**12/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		9.46	1.00	10.00	0	94.6	90	110			
Sulfate		29.4	3.00	30.00	0	97.9	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812146
Project: RRC- Click (Snyder)

ANALYTICAL QC SUMMARY REPORT

RunID: IC2_081218A

Sample ID:	**ICV-081218**	**Batch ID:**	**R41102**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**ICV**	**Run ID:**	**IC2_081218A**		**Analysis Date:**		**12/18/08 11:43 AM**			**Prep Date:**	**12/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		25.3	1.00	25.00	0	101	90	110			
Sulfate		75.8	3.00	75.00	0	101	90	110			
Sample ID:	**LCS-081218**	**Batch ID:**	**R41102**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**LCS**	**Run ID:**	**IC2_081218A**		**Analysis Date:**		**12/18/08 12:00 PM**			**Prep Date:**	**12/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		9.68	1.00	10.00	0	96.8	90	110			
Sulfate		29.4	3.00	30.00	0	98.2	90	110			
Sample ID:	**LCSD-081218**	**Batch ID:**	**R41102**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**LCSD**	**Run ID:**	**IC2_081218A**		**Analysis Date:**		**12/18/08 12:15 PM**			**Prep Date:**	**12/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		9.69	1.00	10.00	0	96.9	90	110	0.0847	20	
Sulfate		29.5	3.00	30.00	0	98.3	90	110	0.159	20	
Sample ID:	**MB-081218**	**Batch ID:**	**R41102**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**MBLK**	**Run ID:**	**IC2_081218A**		**Analysis Date:**		**12/18/08 12:29 PM**			**Prep Date:**	**12/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		ND	1.00								
Sulfate		ND	3.00								
Sample ID:	**0812146-13D MS**	**Batch ID:**	**R41102**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**MS**	**Run ID:**	**IC2_081218A**		**Analysis Date:**		**12/18/08 02:00 PM**			**Prep Date:**	**12/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		219	10.0	100.0	120.2	98.8	90	110			
Sulfate		414	30.0	300.0	118.2	98.6	90	110			
Sample ID:	**0812146-13D MSD**	**Batch ID:**	**R41102**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**MSD**	**Run ID:**	**IC2_081218A**		**Analysis Date:**		**12/18/08 02:15 PM**			**Prep Date:**	**12/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		218	10.0	100.0	120.2	98.2	90	110	0.296	20	
Sulfate		414	30.0	300.0	118.2	98.5	90	110	0.0817	20	
Sample ID:	**CCV1-081218**	**Batch ID:**	**R41102**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**CCV**	**Run ID:**	**IC2_081218A**		**Analysis Date:**		**12/18/08 02:30 PM**			**Prep Date:**	**12/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		9.71	1.00	10.00	0	97.1	90	110			
Sulfate		29.6	3.00	30.00	0	98.6	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812146
Project: RRC- Click (Snyder)

ANALYTICAL QC SUMMARY REPORT

RunID: IC2_081230A

Sample ID:	**ICV-081230**	**Batch ID:**	**R41228**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**ICV**	**Run ID:**	**IC2_081230A**		**Analysis Date:**		**12/30/08 08:59 AM**			**Prep Date:**	**12/30/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		24.1	1.00	25.00	0	96.3	90	110			
Sulfate		72.8	3.00	75.00	0	97.0	90	110			
Sample ID:	**LCS-081230**	**Batch ID:**	**R41228**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**LCS**	**Run ID:**	**IC2_081230A**		**Analysis Date:**		**12/30/08 09:21 AM**			**Prep Date:**	**12/30/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		9.24	1.00	10.00	0	92.4	90	110			
Sulfate		28.1	3.00	30.00	0	93.7	90	110			
Sample ID:	**LCSD-081230**	**Batch ID:**	**R41228**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**LCSD**	**Run ID:**	**IC2_081230A**		**Analysis Date:**		**12/30/08 09:36 AM**			**Prep Date:**	**12/30/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		9.20	1.00	10.00	0	92.0	90	110	0.425	20	
Sulfate		28.0	3.00	30.00	0	93.3	90	110	0.488	20	
Sample ID:	**MB-081230**	**Batch ID:**	**R41228**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**MBLK**	**Run ID:**	**IC2_081230A**		**Analysis Date:**		**12/30/08 09:51 AM**			**Prep Date:**	**12/30/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		ND	1.00								
Sulfate		ND	3.00								
Sample ID:	**0812204-01D MS**	**Batch ID:**	**R41228**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**MS**	**Run ID:**	**IC2_081230A**		**Analysis Date:**		**12/30/08 10:27 AM**			**Prep Date:**	**12/30/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		37.8	1.00	10.00	27.86	99.4	90	110			
Sulfate		69.0	3.00	30.00	39.91	96.9	90	110			
Sample ID:	**0812204-01D MSD**	**Batch ID:**	**R41228**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**MSD**	**Run ID:**	**IC2_081230A**		**Analysis Date:**		**12/30/08 10:41 AM**			**Prep Date:**	**12/30/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		37.7	1.00	10.00	27.86	98.3	90	110	0.290	20	
Sulfate		68.9	3.00	30.00	39.91	96.5	90	110	0.175	20	
Sample ID:	**CCV1-081230**	**Batch ID:**	**R41228**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**CCV**	**Run ID:**	**IC2_081230A**		**Analysis Date:**		**12/30/08 11:56 AM**			**Prep Date:**	**12/30/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		9.36	1.00	10.00	0	93.6	90	110			
Sulfate		28.5	3.00	30.00	0	95.0	90	110			
Sample ID:	**CCV2-081230**	**Batch ID:**	**R41228**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**CCV**	**Run ID:**	**IC2_081230A**		**Analysis Date:**		**12/30/08 01:15 PM**			**Prep Date:**	**12/30/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		9.45	1.00	10.00	0	94.5	90	110			
Sulfate		28.7	3.00	30.00	0	95.6	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812146
Project: RRC- Click (Snyder)

ANALYTICAL QC SUMMARY REPORT

RunID: IC2_081230A

Sample ID:	**CCV3-081230**	**Batch ID:**	**R41228**	**TestNo:**	**E300**		**Units:**	**mg/L**	
SampType:	**CCV**	**Run ID:**	**IC2_081230A**	**Analysis Date:**	**12/30/08 03:45 PM**		**Prep Date:**	**12/30/08**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		9.46	1.00	10.00	0	94.6	90	110			
Sulfate		28.6	3.00	30.00	0	95.2	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812146
Project: RRC- Click (Snyder)

ANALYTICAL QC SUMMARY REPORT

RunID: TITRATOR_081218A

Sample ID:	**ICV-081218**	**Batch ID:**	**R41111**		**TestNo:**		**M2320 B**			**Units:**	**mg/L**
SampType:	**ICV**	**Run ID:**	**TITRATOR_081218A**		**Analysis Date:**		**12/18/08 04:06 PM**			**Prep Date:**	**12/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Alkalinity, Bicarbonate (As CaCO3)		14.0	20.0	0							
Alkalinity, Carbonate (As CaCO3)		86.6	20.0	0							
Alkalinity, Hydroxide (As CaCO3)		0	20.0	0							
Alkalinity, Total (As CaCO3)		101	20.0	100.0	0	101	98	102			

Sample ID:	**MB-081218**	**Batch ID:**	**R41111**		**TestNo:**		**M2320 B**			**Units:**	**mg/L**
SampType:	**MBLK**	**Run ID:**	**TITRATOR_081218A**		**Analysis Date:**		**12/18/08 04:07 PM**			**Prep Date:**	**12/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Alkalinity, Bicarbonate (As CaCO3)		ND	20.0								
Alkalinity, Carbonate (As CaCO3)		ND	20.0								
Alkalinity, Hydroxide (As CaCO3)		ND	20.0								
Alkalinity, Total (As CaCO3)		ND	20.0								

Sample ID:	**LCS-081218**	**Batch ID:**	**R41111**		**TestNo:**		**M2320 B**			**Units:**	**mg/L**
SampType:	**LCS**	**Run ID:**	**TITRATOR_081218A**		**Analysis Date:**		**12/18/08 04:11 PM**			**Prep Date:**	**12/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Alkalinity, Total (As CaCO3)		50.8	20.0	50.00	0	102	74	129			

Sample ID:	**0812146-01D DUP**	**Batch ID:**	**R41111**		**TestNo:**		**M2320 B**			**Units:**	**mg/L**
SampType:	**DUP**	**Run ID:**	**TITRATOR_081218A**		**Analysis Date:**		**12/18/08 04:21 PM**			**Prep Date:**	**12/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Alkalinity, Bicarbonate (As CaCO3)		268	20.0	0							
Alkalinity, Carbonate (As CaCO3)		0	20.0	0							
Alkalinity, Hydroxide (As CaCO3)		0	20.0	0							
Alkalinity, Total (As CaCO3)		268	20.0	0							

Sample ID:	**CCV1-081218**	**Batch ID:**	**R41111**		**TestNo:**		**M2320 B**			**Units:**	**mg/L**
SampType:	**CCV**	**Run ID:**	**TITRATOR_081218A**		**Analysis Date:**		**12/18/08 04:57 PM**			**Prep Date:**	**12/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Alkalinity, Bicarbonate (As CaCO3)		18.6	20.0	0							
Alkalinity, Carbonate (As CaCO3)		81.6	20.0	0							
Alkalinity, Hydroxide (As CaCO3)		0	20.0	0							
Alkalinity, Total (As CaCO3)		100	20.0	100.0	0	100	90	110			

Sample ID:	**0812146-15D DUP**	**Batch ID:**	**R41111**		**TestNo:**		**M2320 B**			**Units:**	**mg/L**
SampType:	**DUP**	**Run ID:**	**TITRATOR_081218A**		**Analysis Date:**		**12/18/08 05:38 PM**			**Prep Date:**	**12/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Alkalinity, Bicarbonate (As CaCO3)		245	20.0	0	244.7				0.163	20	
Alkalinity, Carbonate (As CaCO3)		0	20.0	0	0				0	20	
Alkalinity, Hydroxide (As CaCO3)		0	20.0	0	0				0	20	
Alkalinity, Total (As CaCO3)		245	20.0	0	244.7				0.163	20	

Sample ID:	**CCV2-081218**	**Batch ID:**	**R41111**		**TestNo:**		**M2320 B**			**Units:**	**mg/L**
SampType:	**CCV**	**Run ID:**	**TITRATOR_081218A**		**Analysis Date:**		**12/18/08 05:44 PM**			**Prep Date:**	**12/18/08**

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812146
Project: RRC- Click (Snyder)

ANALYTICAL QC SUMMARY REPORT

RunID: TITRATOR_081218A

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Alkalinity, Bicarbonate (As CaCO3)	23.4	20.0	0							
Alkalinity, Carbonate (As CaCO3)	76.8	20.0	0							
Alkalinity, Hydroxide (As CaCO3)	0	20.0	0							
Alkalinity, Total (As CaCO3)	100	20.0	100.0	0	100	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812146
Project: RRC- Click (Snyder)

ANALYTICAL QC SUMMARY REPORT

RunID: WC_081219A

Sample ID:	**MB-081219**	**Batch ID:**	**TDS_W-12/19/08**	**TestNo:**		**M2540C**			**Units:**		**mg/L**
SampType:	**MBLK**	**Run ID:**	**WC_081219A**	**Analysis Date:**		**12/22/08 08:15 AM**			**Prep Date:**		**12/19/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Total Dissolved Solids (Residue, Fi		ND	10.0								

Sample ID:	**LCS-081219**	**Batch ID:**	**TDS_W-12/19/08**	**TestNo:**		**M2540C**			**Units:**		**mg/L**
SampType:	**LCS**	**Run ID:**	**WC_081219A**	**Analysis Date:**		**12/22/08 08:15 AM**			**Prep Date:**		**12/19/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Total Dissolved Solids (Residue, Fi		693	10.0	745.6	0	92.9	90	113			

Sample ID:	**0812146-06D DUP**	**Batch ID:**	**TDS_W-12/19/08**	**TestNo:**		**M2540C**			**Units:**		**mg/L**
SampType:	**DUP**	**Run ID:**	**WC_081219A**	**Analysis Date:**		**12/22/08 08:15 AM**			**Prep Date:**		**12/19/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Total Dissolved Solids (Residue, Fi		2160	10.0	0	2185				1.01	5	

Sample ID:	**0812146-10D DUP**	**Batch ID:**	**TDS_W-12/19/08**	**TestNo:**		**M2540C**			**Units:**		**mg/L**
SampType:	**DUP**	**Run ID:**	**WC_081219A**	**Analysis Date:**		**12/22/08 08:15 AM**			**Prep Date:**		**12/19/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Total Dissolved Solids (Residue, Fi		2340	10.0	0	2323				0.900	5	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812146
Project: RRC- Click (Snyder)

ANALYTICAL QC SUMMARY REPORT

RunID: WC_081222A

Sample ID:	**MB-081222**	**Batch ID:**	**TDS_W-12/22/08**	**TestNo:**	**M2540C**			**Units:**	**mg/L**		
SampType:	**MBLK**	**Run ID:**	**WC_081222A**	**Analysis Date:**	**12/22/08 10:15 AM**			**Prep Date:**	**12/22/08**		
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Total Dissolved Solids (Residue, Fi		ND	10.0								

Sample ID:	**LCS-081222**	**Batch ID:**	**TDS_W-12/22/08**	**TestNo:**	**M2540C**			**Units:**	**mg/L**		
SampType:	**LCS**	**Run ID:**	**WC_081222A**	**Analysis Date:**	**12/22/08 10:15 AM**			**Prep Date:**	**12/22/08**		
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Total Dissolved Solids (Residue, Fi		778	10.0	745.6	0	104	90	113			

Sample ID:	**0812146-15D DUP**	**Batch ID:**	**TDS_W-12/22/08**	**TestNo:**	**M2540C**			**Units:**	**mg/L**		
SampType:	**DUP**	**Run ID:**	**WC_081222A**	**Analysis Date:**	**12/22/08 10:15 AM**			**Prep Date:**	**12/22/08**		
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Total Dissolved Solids (Residue, Fi		5080	10.0	0	5180				1.85	5	

Sample ID:	**0812147-12D DUP**	**Batch ID:**	**TDS_W-12/22/08**	**TestNo:**	**M2540C**			**Units:**	**mg/L**		
SampType:	**DUP**	**Run ID:**	**WC_081222A**	**Analysis Date:**	**12/22/08 10:15 AM**			**Prep Date:**	**12/22/08**		
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Total Dissolved Solids (Residue, Fi		16100	10.0	0	16320				1.48	5	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

January 05, 2009

Barrett Clark
TRC Environmental Corp.
505 East Huntland Drive Suite 250
Austin, Texas 78752

TEL: (512) 329-6080
FAX: (512) 329-8750

Order No: 0812147

RE: RRC - Snyder (East O'Daniel)

Dear Barrett Clark:

DHL Analytical received 15 sample(s) on 12/18/2008 for the analyses presented in the following report.

There were no problems with the analyses and all data met requirements of NELAC except where noted in the Case Narrative. All non-NELAC methods will be identified accordingly in the case narrative and all estimated uncertainties of test results are within method or EPA specifications.

If you have any questions regarding these tests results, please feel free to call. Thank you for using DHL Analytical.

Sincerely,

John DuPont
Lab Manager

This report was performed under the accreditation of the State of Texas Laboratory Certification Number: T104704211-08A-TX

Table of Contents

DHL ANALYTICAL

2300 Double Creek Drive • Round Rock, TX 78664
Phone (512) 388-8222 • FAX (512) 388-8229

№ 38955

CHAIN-OF-CUSTODY

CLIENT: TRC
ADDRESS: 505 E. Huntland Dr Ste 250
PHONE: 512-329-6080 FAX 512-329-8750
DATA REPORTED TO: BARRETT CLARK
ADDITIONAL REPORT COPIES TO: JAMES HARTE

DATE: 12/17/08 PAGE 1 OF 2
PO #: ~~165296~~ DHL WORK ORDER #: 0812147
PROJECT LOCATION OR NAME: PRC-EOD (Snyder; Eastoland)
CLIENT PROJECT #: 165296 COLLECTOR: BC RK CW

Authorize 5% surcharge for TRRP report? ☐ Yes ☒ ~~No~~

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

PRESERVATION: HCl | HNO_3 | H_2SO_4 ☐ NaOH ☐ | ICE | UNPRESERVED

ANALYSES: BTEX ☒ MTBE ☐ | TRPH 418.1 ☐ | TPH 1005 ☐ | TPH 1006 ☐ | GASOLINE MOD 8015 ☐ | DIESEL - MOD 8015 ☐ | VOC 8260 ☐ | SVOC 8270 ☐ | PAH 8270 ☐ | HOLDPAH ☐ | 8081 PESTICIDES ☐ | 8082 PCBS ☐ | 8151 HERBICIDES ☐ | TCLP - METALS (RCRA) ☐ | TCLP VOC ☐ | TCLP - PEST ☐ | HERB ☐ | Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ | OTHER LIST ☐ | LEAD - TOTAL ☐ | D.W. 200.8 ☐ | TCLP ☐ | RCI ☐ | TOX ☐ | FLASHPOINT ☐ | TDS ☒ | TSS ☐ | % MOISTURE ☐ | CYANIDE ☐ | pH ☐ | HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ | PECHLORATE ☐ | CHLORIDE ☐ | ANIONS ☐ | ALKALINITY ☒ (carbonate + bicarbonate) | CATIONS (Ca, Mg, Na, K, Fe) ☐

Field Sample I.D.	DHL Lab #	Date	Time	Matrix	Container Type	# of Containers	HCl	HNO_3	H_2SO_4	NaOH	ICE	UNPRESERVED	FIELD NOTES
BEG-MW-12	01	12/16/08	1335	W	500;40mL	8	X	X			X	X	
E-WW-02	02		1330	W		8	X	X			X	X	* TRRP * LIMITS
E-WW-~~02~~01	03		1400	W		8	X	X			X	X	
BEG-MW-10	04		1425	W		8	X	X			X	X	
BEG-MW-09	05		1450	W		8	X	X			X	X	
BEG-MW-05	06		1520	W		8	X	X			X	X	
BEG-MW-07	07		1545	W		8	X	X			X	X	
BEG-MW-08	08	↓	1600	W		8	X	X			X	X	
~~E-SS-58~~		12/17/08	945	W		6	X	X			X	X	BC
~~E-SS-57~~			1030	W		8	X	X			X	X	BC
~~E-SS-56~~			1100	W		8	X	X			X	X	BC
~~E-SS-55~~			1130	W		8	X	X			X	X	BC
BEG-MW-15	09		1245	W		8	X	X			X	X	
~~BEG-MW-06~~			1330	W		8	X	X			X	X	BC
~~BEG-MW-06-D~~		↓	1330	W	↓	8	X	X			X	X	EC
TOTAL													

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
FEDEX	12/17/08	
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
[illegible]	12/17/08	FEDEX
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
FEDEX	12/18/08 1000	[illegible]

☐ DHL DISPOSAL @ $5.00 each ☐ Return

TURN AROUND TIME
RUSH ☐ CALL FIRST
1 DAY ☐ CALL FIRST
2 DAY ☐
NORMAL ~~☒~~
OTHER ☐ ____

LABORATORY USE ONLY:
RECEIVING TEMP: 2.5°/2.0° THERM #: 57
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
~~☐~~ CARRIER BILL # FEDEX
☐ APC DELIVERY
☐ HAND DELIVERED

DHL ANALYTICAL

2300 Double Creek Drive • Round Rock, TX 78664
Phone (512) 388-8222 • FAX (512) 388-8229

№ 38956

CHAIN-OF-CUSTODY

CLIENT: TRC
ADDRESS: 505 E. Huntland Dr. Ste 250
PHONE: 512-329-6080 FAX 512-329-8750
DATA REPORTED TO: Barrett Clark
ADDITIONAL REPORT COPIES TO: James Harte

DATE: 12/17/08 PAGE 2 OF 2
PO #:
DHL WORK ORDER #: 0812147
PROJECT LOCATION OR NAME: PRC - EOD (Snyder, East O'Daniel)
CLIENT PROJECT #: 165296 COLLECTOR: Barker

Authorize 5% surcharge for TRRP report? ☐ Yes ☒ No

S=SOIL P=PAINT W=WATER SL=SLUDGE A=AIR OT=OTHER

Field Sample I.D.	DHL Lab #	Date	Time	Matrix	Container Type	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESERVED	BTEX ☐ MTBE ☐	TRPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐	TDS ☐ TSS ☐	CHLORIDE ☐ ANIONS ☐ ALKALINITY ☐	Anions (Chloride, Sulfate, Fluoride)	CATIONS (Ca, Mg, K, Fe, Na) bicarbonates, carbonate	FIELD NOTES
BEG-MW-02	10	12/17/08	1520	W	500, 40mL	8	X	X		X	X	X	X	X	X	X	X	*TRRP* Limits
BEG-MW-13	11		945	W		8	X	X		X	X	X	X	X	X	X	X	
BEG-MW-11	12		1045	W		8	X	X		X	X	X	X	X	X	X	X	
BEG-MW-14	13		1400	W		8	X	X		X	X	X	X	X	X	X	X	
TB-12-17-08-01	14	12/17/08	—	W	40mL	2	X			X		X						Trip Blank
TB-12-17-08-02	15	↓	—	W	40	2	X			X		X						Trip Blank

Other analyses listed on form: GASOLINE MOD 8015 ☐, DIESEL - MOD 8015 ☐, VOC 8260 ☐, SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐, 8081 PESTICIDES ☐ 8151 HERBICIDES ☐, 8082 PCBS ☐, TCLP - METALS (RCRA) ☐ TCLP VOC ☐, TCLP - PEST ☐ HERB ☐ Semi-VOC ☐, TOTAL METALS (RCRA) ☐ OTHER LIST ☐, LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐, RCI ☐ TOX ☐ FLASHPOINT ☐, % MOISTURE ☐ CYANIDE ☐, pH ☐ HEXAVALENT CHROMIUM ☐, EXPLOSIVES ☐ PECHLORATE ☐

TOTAL

RELINQUISHED BY: (Signature) [signature] DATE/TIME 12/17/08 RECEIVED BY: (Signature)
RELINQUISHED BY: (Signature) [signature] DATE/TIME 12/17/08 RECEIVED BY: (Signature) FED EX
RELINQUISHED BY: (Signature) FEDEX DATE/TIME 12/18/08 1000 RECEIVED BY: (Signature) [signature]

☐ DHL DISPOSAL @ $5.00 each ☐ Return

TURN AROUND TIME
RUSH ☐ CALL FIRST
1 DAY ☐ CALL FIRST
2 DAY ☐
NORMAL ☒
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 2.5°/2.0° THERM #: 57
CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED
☒ CARRIER BILL # FED EX
☐ APC DELIVERY
☐ HAND DELIVERED

FedEx. US Airbill Express

8681 5800 9677

0200 Form ID No.

FedEx Copy

1 From

Date 12-17-08 Sender's FedEx Account Number 140246697

Sender's Name BARRETT CLARK Phone 512 329-6080

Company TRC

Address 505 E. HUNTLAND DR 250 Dept./Floor/Suite/Room

City AUSTIN State TX ZIP 78752

2 Your Internal Billing Reference 165296.000002

3 To

Recipient's Name Receiving Phone 512 388-8222

Company DHL ANALYTICAL

Recipient's Address — We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address 2300 DoubleCreek Dr

To request a package be held at a specific FedEx location, print FedEx address here.

City Round Rock State TX ZIP 78664

4a Express Package Service — *Packages up to 150 lbs.*

1 [X] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

5 [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.

6 [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.

3 [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

20 [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service — *Packages over 150 lbs.*

7 [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

8 [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

83 [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: ** To most locations.

5 Packaging

6 [ ] FedEx Envelope* 2 [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak. 3 [ ] FedEx Box 4 [ ] FedEx Tube 1 [X] Other * Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

3 [ ] SATURDAY DELIVERY

1 [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.

31 [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

[X] No 4 [ ] Yes — As per attached Shipper's Declaration. [ ] Yes — Shipper's Declaration not required. 6 [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging. [ ] Cargo Aircraft Only

7 Payment *Bill to:* — Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

1 [X] Sender — Acct. No. in Section 1 will be billed. 2 [ ] Recipient 3 [ ] Third Party 4 [ ] Credit Card 5 [ ] Cash/Check

FedEx Acct. No. / Credit Card No. Exp. Date

Total Packages 4 Total Weight 3.9 Total Declared Value† $ .00

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details. Credit Card Auth.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

No Signature Required — Package may be left without obtaining a signature for delivery. [ ]

10 [ ] Direct Signature — Someone at recipient's address may sign for delivery. *Fee applies.*

34 [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. *Fee applies.*

520

FedEx. US Airbill
Express

8681 5800 9677

0200 Form ID No.

FedEx Copy

1 From
Date 12-17-08 Sender's FedEx Account Number 140246697
Sender's Name BARRETT CLARK Phone 512 329-6080
Company TRC
Address 505 E. Huntland Dr 250 Dept/Floor/Suite/Room
City AUSTIN State TX ZIP 78752

2 Your Internal Billing Reference 165296.000002

3 To
Recipient's Name Receiving Phone 512 388-8222
Company DHL Analytical
Recipient's Address
We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept/Floor/Suite/Room
Address 2300 Double Creek Dr
To request a package be held at a specific FedEx location, print FedEx address here.
City Round Rock State TX ZIP 78664

4a Express Package Service — Packages up to 150 lbs.
1 [X] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
5 [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
6 [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
3 [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
20 [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.
FedEx Envelope rate not available. Minimum charge: One-pound rate.
* To most locations.

4b Express Freight Service — Packages over 150 lbs.
7 [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
8 [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
83 [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.
* Call for Confirmation: ** To most locations.

5 Packaging
6 [ ] FedEx Envelope* 2 [ ] FedEx Pak* Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak. 3 [ ] FedEx Box 4 [ ] FedEx Tube 1 [X] Other
* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.
3 [ ] SATURDAY DELIVERY
1 [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
31 [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.
[X] No
4 [ ] Yes — As per attached Shipper's Declaration.
[ ] Yes — Shipper's Declaration not required.
6 [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.
[ ] Cargo Aircraft Only

7 Payment Bill to: Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip Acct. No. [ ]
1 [X] Sender — Acct. No. in Section 1 will be billed.
2 [ ] Recipient 3 [ ] Third Party 4 [ ] Credit Card 5 [ ] Cash/Check
FedEx Acct. No. / Credit Card No. Exp. Date
Total Packages 4 Total Weight 27 Total Declared Value† $ .00
†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details. Credit Card Auth.

8 Residential Delivery Signature Options — If you require a signature, check Direct or Indirect.
[ ] No Signature Required — Package may be left without obtaining a signature for delivery.
10 [ ] Direct Signature — Someone at recipient's address may sign for delivery. Fee applies.
34 [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. Fee applies.
520

CUSTODY SEAL
DATE 12-17-08
SIGNATURE BC

C
iality Environmental Containers
0-255-3950 • 304-255-3900

DHL Analytical

Sample Receipt Checklist

Client Name TRC Environmental Corp. Date Received: 12/18/2008

Work Order Number 0812147 Received by AK

Checklist completed by: Signature 12/18/08 Date Reviewed by Initials DL 12/18/08 Date

Carrier name: FedEx 1day

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☒ EJF 1.5.09	No ☑	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	Not Applicable ☐

Adjusted? NO Checked by

Any No response must be detailed in the comments section below.

Client contacted _____ Date contacted: 12-18-08 Person contacted _____

Contacted by: _____ Regarding: _____

Comments: Per Barrett Clark, follow sample ID's on COC.

Corrective Action Followed sample IDs on COC and logged in for requested analysis.

CLIENT: TRC Environmental Corp.
Project: RRC - Snyder (East O'Daniel)
Lab Order: 0812147

CASE NARRATIVE

The samples were analyzed using the methods outlined in the following references:

Method SW8021B - Volatile Organics by GC
Method Tx1005 - Tx1005 TPH Water
Method SW6020 - Trace Metals: ICP-MS - Water
Method M2320 B - Alkalinity
Method E300 - Anions by IC method - Water
Method M2540C - Total Dissolved Solids

LOG IN

A total of 15 samples were received and logged-in on 12/18/2008. The samples arrived in good condition and were properly packaged. Upon arrival at DHL Analytical, the Sample ID's did not match the COC. The customer was notified and as per Barrett Clark, the Sample ID's listed on the COC were correct.

TRACE METALS ANALYSIS

For Trace Metals Analysis, the recoveries of the Matrix Spike and Matrix Spike Duplicate (0812147-13 MS/MSD) were outside of the control limits for Sodium, Calcium, Magnesium and Potassium. These were flagged accordingly in the enclosed QC Summary Report. The LCS-32775 was within control limits for these analytes. The reference sample selected for the MS/MSD was from this work order. No further corrective actions were taken.

CLIENT: TRC Environmental Corp.
Project: RRC - Snyder (East O'Daniel)
Lab Order: 0812147

Work Order Sample Summary

Lab Smp ID	Client Sample ID	Tag Number	Date Collected	Date Recv'd
0812147-01	BEG-MW-12		12/16/08 01:35 PM	12/18/08
0812147-02	E-WW-02		12/16/08 01:30 PM	12/18/08
0812147-03	E-WW-01		12/16/08 02:00 PM	12/18/08
0812147-04	BEG-MW-10		12/16/08 02:25 PM	12/18/08
0812147-05	BEG-MW-09		12/16/08 02:50 PM	12/18/08
0812147-06	BEG-MW-05		12/16/08 03:20 PM	12/18/08
0812147-07	BEG-MW-07		12/16/08 03:45 PM	12/18/08
0812147-08	BEG-MW-08		12/16/08 04:00 PM	12/18/08
0812147-09	BEG-MW-15		12/16/08 12:45 PM	12/18/08
0812147-09	BEG-MW-15		12/17/08 12:45 PM	12/18/08
0812147-10	BEG-MW-02		12/17/08 03:20 PM	12/18/08
0812147-11	BEG-MW-13		12/17/08 09:45 AM	12/18/08
0812147-12	BEG-MW-11		12/17/08 10:45 AM	12/18/08
0812147-13	BEG-MW-14		12/17/08 02:00 PM	12/18/08
0812147-14	E-TB-12-17-08-01		12/17/08	12/18/08
0812147-15	E-TB-12-17-08-02		12/17/08	12/18/08

CLIENT: TRC Environmental Corp.
Project: RRC - Snyder (East O'Daniel)
Lab Order: 0812147

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
0812147-01A	BEG-MW-12	12/16/08 01:35 PM	Aqueous	SW5030B	Purge and Trap Water GC	12/18/08 02:15 PM	32768
0812147-01B	BEG-MW-12	12/16/08 01:35 PM	Aqueous	TX1005	TX1005 Water Prep	12/19/08 12:24 PM	32783
0812147-01C	BEG-MW-12	12/16/08 01:35 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
	BEG-MW-12	12/16/08 01:35 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
0812147-01D	BEG-MW-12	12/16/08 01:35 PM	Aqueous	E300	Anions by IC method - Water	12/19/08	R41135
	BEG-MW-12	12/16/08 01:35 PM	Aqueous	E300	Anions by IC method - Water	12/19/08	R41135
	BEG-MW-12	12/16/08 01:35 PM	Aqueous	M2320 B	Alkalinity	12/22/08 03:57 PM	R41163
	BEG-MW-12	12/16/08 01:35 PM	Aqueous	M2540C	Total Dissolved Solids	12/22/08	TDS_W-12/22/08
0812147-02A	E-WW-02	12/16/08 01:30 PM	Aqueous	SW5030B	Purge and Trap Water GC	12/18/08 02:15 PM	32768
0812147-02B	E-WW-02	12/16/08 01:30 PM	Aqueous	TX1005	TX1005 Water Prep	12/19/08 12:24 PM	32783
0812147-02C	E-WW-02	12/16/08 01:30 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
	E-WW-02	12/16/08 01:30 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
0812147-02D	E-WW-02	12/16/08 01:30 PM	Aqueous	E300	Anions by IC method - Water	12/19/08	R41135
	E-WW-02	12/16/08 01:30 PM	Aqueous	M2320 B	Alkalinity	12/22/08 04:09 PM	R41163
	E-WW-02	12/16/08 01:30 PM	Aqueous	M2540C	Total Dissolved Solids	12/22/08	TDS_W-12/22/08
0812147-03A	E-WW-01	12/16/08 02:00 PM	Aqueous	SW5030B	Purge and Trap Water GC	12/18/08 02:15 PM	32768
0812147-03B	E-WW-01	12/16/08 02:00 PM	Aqueous	TX1005	TX1005 Water Prep	12/19/08 12:24 PM	32783
0812147-03C	E-WW-01	12/16/08 02:00 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
	E-WW-01	12/16/08 02:00 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
	E-WW-01	12/16/08 02:00 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
0812147-03D	E-WW-01	12/16/08 02:00 PM	Aqueous	E300	Anions by IC method - Water	12/19/08	R41135
	E-WW-01	12/16/08 02:00 PM	Aqueous	M2320 B	Alkalinity	12/22/08 04:15 PM	R41163
	E-WW-01	12/16/08 02:00 PM	Aqueous	M2540C	Total Dissolved Solids	12/22/08	TDS_W-12/22/08
0812147-04A	BEG-MW-10	12/16/08 02:25 PM	Aqueous	SW5030B	Purge and Trap Water GC	12/19/08 09:30 AM	32776
0812147-04B	BEG-MW-10	12/16/08 02:25 PM	Aqueous	TX1005	TX1005 Water Prep	12/19/08 12:24 PM	32783
0812147-04C	BEG-MW-10	12/16/08 02:25 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
	BEG-MW-10	12/16/08 02:25 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
	BEG-MW-10	12/16/08 02:25 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
0812147-04D	BEG-MW-10	12/16/08 02:25 PM	Aqueous	E300	Anions by IC method - Water	12/19/08	R41135

CLIENT: TRC Environmental Corp.
Project: RRC - Snyder (East O'Daniel)
Lab Order: 0812147

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
	BEG-MW-10	12/16/08 02:25 PM	Aqueous	M2320 B	Alkalinity	12/22/08 04:22 PM	R41163
	BEG-MW-10	12/16/08 02:25 PM	Aqueous	M2540C	Total Dissolved Solids	12/22/08	TDS_W-12/22/08
0812147-05A	BEG-MW-09	12/16/08 02:50 PM	Aqueous	SW5030B	Purge and Trap Water GC	12/19/08 09:30 AM	32776
0812147-05B	BEG-MW-09	12/16/08 02:50 PM	Aqueous	TX1005	TX1005 Water Prep	12/19/08 12:24 PM	32783
0812147-05C	BEG-MW-09	12/16/08 02:50 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
	BEG-MW-09	12/16/08 02:50 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
	BEG-MW-09	12/16/08 02:50 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
0812147-05D	BEG-MW-09	12/16/08 02:50 PM	Aqueous	E300	Anions by IC method - Water	12/19/08	R41135
	BEG-MW-09	12/16/08 02:50 PM	Aqueous	E300	Anions by IC method - Water	12/19/08	R41135
	BEG-MW-09	12/16/08 02:50 PM	Aqueous	M2320 B	Alkalinity	12/22/08 04:27 PM	R41163
	BEG-MW-09	12/16/08 02:50 PM	Aqueous	M2540C	Total Dissolved Solids	12/22/08	TDS_W-12/22/08
0812147-06A	BEG-MW-05	12/16/08 03:20 PM	Aqueous	SW5030B	Purge and Trap Water GC	12/19/08 09:30 AM	32776
0812147-06B	BEG-MW-05	12/16/08 03:20 PM	Aqueous	TX1005	TX1005 Water Prep	12/19/08 12:24 PM	32783
0812147-06C	BEG-MW-05	12/16/08 03:20 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
	BEG-MW-05	12/16/08 03:20 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
	BEG-MW-05	12/16/08 03:20 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
0812147-06D	BEG-MW-05	12/16/08 03:20 PM	Aqueous	E300	Anions by IC method - Water	12/19/08	R41135
	BEG-MW-05	12/16/08 03:20 PM	Aqueous	E300	Anions by IC method - Water	12/19/08	R41135
	BEG-MW-05	12/16/08 03:20 PM	Aqueous	M2320 B	Alkalinity	12/22/08 04:36 PM	R41163
	BEG-MW-05	12/16/08 03:20 PM	Aqueous	M2540C	Total Dissolved Solids	12/22/08	TDS_W-12/22/08
0812147-07A	BEG-MW-07	12/16/08 03:45 PM	Aqueous	SW5030B	Purge and Trap Water GC	12/19/08 09:30 AM	32776
0812147-07B	BEG-MW-07	12/16/08 03:45 PM	Aqueous	TX1005	TX1005 Water Prep	12/19/08 12:24 PM	32783
0812147-07C	BEG-MW-07	12/16/08 03:45 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
	BEG-MW-07	12/16/08 03:45 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
	BEG-MW-07	12/16/08 03:45 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
0812147-07D	BEG-MW-07	12/16/08 03:45 PM	Aqueous	E300	Anions by IC method - Water	12/19/08	R41135
	BEG-MW-07	12/16/08 03:45 PM	Aqueous	E300	Anions by IC method - Water	12/19/08	R41135
	BEG-MW-07	12/16/08 03:45 PM	Aqueous	E300	Anions by IC method - Water	12/31/08	R41251
	BEG-MW-07	12/16/08 03:45 PM	Aqueous	M2320 B	Alkalinity	12/22/08 04:42 PM	R41163

CLIENT: TRC Environmental Corp.
Project: RRC - Snyder (East O'Daniel)
Lab Order: 0812147

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
	BEG-MW-07	12/16/08 03:45 PM	Aqueous	M2540C	Total Dissolved Solids	12/22/08	TDS_W-12/22/08
0812147-08A	BEG-MW-08	12/16/08 04:00 PM	Aqueous	SW5030B	Purge and Trap Water GC	12/19/08 09:30 AM	32776
0812147-08B	BEG-MW-08	12/16/08 04:00 PM	Aqueous	TX1005	TX1005 Water Prep	12/19/08 12:24 PM	32783
0812147-08C	BEG-MW-08	12/16/08 04:00 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
	BEG-MW-08	12/16/08 04:00 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
	BEG-MW-08	12/16/08 04:00 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
0812147-08D	BEG-MW-08	12/16/08 04:00 PM	Aqueous	E300	Anions by IC method - Water	12/19/08	R41135
	BEG-MW-08	12/16/08 04:00 PM	Aqueous	E300	Anions by IC method - Water	12/19/08	R41135
	BEG-MW-08	12/16/08 04:00 PM	Aqueous	M2320 B	Alkalinity	12/22/08 04:54 PM	R41163
	BEG-MW-08	12/16/08 04:00 PM	Aqueous	M2540C	Total Dissolved Solids	12/22/08	TDS_W-12/22/08
0812147-09A	BEG-MW-15	12/16/08 12:45 PM	Aqueous	SW5030B	Purge and Trap Water GC	12/19/08 09:30 AM	32776
0812147-09B	BEG-MW-15	12/17/08 12:45 PM	Aqueous	TX1005	TX1005 Water Prep	12/19/08 12:24 PM	32783
0812147-09C	BEG-MW-15	12/17/08 12:45 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
	BEG-MW-15	12/17/08 12:45 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
	BEG-MW-15	12/17/08 12:45 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
0812147-09D	BEG-MW-15	12/17/08 12:45 PM	Aqueous	E300	Anions by IC method - Water	12/19/08	R41135
	BEG-MW-15	12/17/08 12:45 PM	Aqueous	E300	Anions by IC method - Water	12/19/08	R41135
	BEG-MW-15	12/17/08 12:45 PM	Aqueous	M2320 B	Alkalinity	12/22/08 05:00 PM	R41163
	BEG-MW-15	12/17/08 12:45 PM	Aqueous	M2540C	Total Dissolved Solids	12/22/08	TDS_W-12/22/08
0812147-10A	BEG-MW-02	12/17/08 03:20 PM	Aqueous	SW5030B	Purge and Trap Water GC	12/19/08 09:30 AM	32776
0812147-10B	BEG-MW-02	12/17/08 03:20 PM	Aqueous	TX1005	TX1005 Water Prep	12/19/08 12:24 PM	32783
0812147-10C	BEG-MW-02	12/17/08 03:20 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
	BEG-MW-02	12/17/08 03:20 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
0812147-10D	BEG-MW-02	12/17/08 03:20 PM	Aqueous	E300	Anions by IC method - Water	12/19/08	R41135
	BEG-MW-02	12/17/08 03:20 PM	Aqueous	E300	Anions by IC method - Water	12/19/08	R41135
	BEG-MW-02	12/17/08 03:20 PM	Aqueous	M2320 B	Alkalinity	12/22/08 05:07 PM	R41163
	BEG-MW-02	12/17/08 03:20 PM	Aqueous	M2540C	Total Dissolved Solids	12/22/08	TDS_W-12/22/08
0812147-11A	BEG-MW-13	12/17/08 09:45 AM	Aqueous	SW5030B	Purge and Trap Water GC	12/19/08 09:30 AM	32776
0812147-11B	BEG-MW-13	12/17/08 09:45 AM	Aqueous	TX1005	TX1005 Water Prep	12/19/08 12:24 PM	32783

CLIENT: TRC Environmental Corp.
Project: RRC - Snyder (East O'Daniel)
Lab Order: 0812147

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
0812147-11C	BEG-MW-13	12/17/08 09:45 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
	BEG-MW-13	12/17/08 09:45 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
0812147-11D	BEG-MW-13	12/17/08 09:45 AM	Aqueous	E300	Anions by IC method - Water	12/19/08	R41133
	BEG-MW-13	12/17/08 09:45 AM	Aqueous	E300	Anions by IC method - Water	12/19/08	R41133
	BEG-MW-13	12/17/08 09:45 AM	Aqueous	M2320 B	Alkalinity	12/22/08 05:12 PM	R41163
	BEG-MW-13	12/17/08 09:45 AM	Aqueous	M2540C	Total Dissolved Solids	12/22/08	TDS_W-12/22/08
0812147-12A	BEG-MW-11	12/17/08 10:45 AM	Aqueous	SW5030B	Purge and Trap Water GC	12/19/08 09:30 AM	32776
0812147-12B	BEG-MW-11	12/17/08 10:45 AM	Aqueous	TX1005	TX1005 Water Prep	12/19/08 12:24 PM	32783
0812147-12C	BEG-MW-11	12/17/08 10:45 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
	BEG-MW-11	12/17/08 10:45 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
	BEG-MW-11	12/17/08 10:45 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
0812147-12D	BEG-MW-11	12/17/08 10:45 AM	Aqueous	E300	Anions by IC method - Water	12/19/08	R41133
	BEG-MW-11	12/17/08 10:45 AM	Aqueous	E300	Anions by IC method - Water	12/19/08	R41133
	BEG-MW-11	12/17/08 10:45 AM	Aqueous	M2320 B	Alkalinity	12/22/08 05:16 PM	R41163
	BEG-MW-11	12/17/08 10:45 AM	Aqueous	M2540C	Total Dissolved Solids	12/22/08	TDS_W-12/22/08
0812147-13A	BEG-MW-14	12/17/08 02:00 PM	Aqueous	SW5030B	Purge and Trap Water GC	12/19/08 09:30 AM	32776
0812147-13B	BEG-MW-14	12/17/08 02:00 PM	Aqueous	TX1005	TX1005 Water Prep	12/19/08 12:24 PM	32783
0812147-13C	BEG-MW-14	12/17/08 02:00 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
	BEG-MW-14	12/17/08 02:00 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
	BEG-MW-14	12/17/08 02:00 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
	BEG-MW-14	12/17/08 02:00 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/19/08 08:59 AM	32775
0812147-13D	BEG-MW-14	12/17/08 02:00 PM	Aqueous	E300	Anions by IC method - Water	12/19/08	R41133
	BEG-MW-14	12/17/08 02:00 PM	Aqueous	E300	Anions by IC method - Water	12/19/08	R41133
	BEG-MW-14	12/17/08 02:00 PM	Aqueous	E300	Anions by IC method - Water	12/19/08	R41133
	BEG-MW-14	12/17/08 02:00 PM	Aqueous	M2320 B	Alkalinity	12/22/08 05:22 PM	R41163
	BEG-MW-14	12/17/08 02:00 PM	Aqueous	M2540C	Total Dissolved Solids	12/22/08	TDS_W-12/22/08
0812147-14A	E-TB-12-17-08-01	12/17/08	Trip Blank	SW5030B	Purge and Trap Water GC	12/19/08 09:30 AM	32776
0812147-15A	E-TB-12-17-08-02	12/17/08	Trip Blank	SW5030B	Purge and Trap Water GC	12/19/08 09:30 AM	32776

CLIENT: TRC Environmental Corp.
Project: RRC - Snyder (East O'Daniel)
Lab Order: 0812147

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
0812147-01A	BEG-MW-12	Aqueous	SW8021B	Volatile Organics by GC	32768	1	12/19/08 02:15 AM	GC8_081218B
0812147-01B	BEG-MW-12	Aqueous	TX1005	Tx1005 TPH Water	32783	1	12/19/08 05:45 PM	GC12_081219B
0812147-01C	BEG-MW-12	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	50	12/24/08 06:19 PM	ICP-MS2_081224A
	BEG-MW-12	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	1	12/19/08 09:39 PM	ICP-MS3_081219A
0812147-01D	BEG-MW-12	Aqueous	M2320 B	Alkalinity	R41163	1	12/22/08 03:57 PM	TITRATOR_081222B
	BEG-MW-12	Aqueous	E300	Anions by IC method - Water	R41135	10	12/19/08 10:14 AM	IC2_081219A
	BEG-MW-12	Aqueous	E300	Anions by IC method - Water	R41135	50	12/19/08 10:29 AM	IC2_081219A
	BEG-MW-12	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/22/08	1	12/22/08 10:15 AM	WC_081222A
0812147-02A	E-WW-02	Aqueous	SW8021B	Volatile Organics by GC	32768	1	12/19/08 12:08 AM	GC8_081218B
0812147-02B	E-WW-02	Aqueous	TX1005	Tx1005 TPH Water	32783	1	12/19/08 05:54 PM	GC12_081219B
0812147-02C	E-WW-02	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	50	12/24/08 06:25 PM	ICP-MS2_081224A
	E-WW-02	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	1	12/19/08 09:44 PM	ICP-MS3_081219A
0812147-02D	E-WW-02	Aqueous	M2320 B	Alkalinity	R41163	1	12/22/08 04:09 PM	TITRATOR_081222B
	E-WW-02	Aqueous	E300	Anions by IC method - Water	R41135	10	12/19/08 10:44 AM	IC2_081219A
	E-WW-02	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/22/08	1	12/22/08 10:15 AM	WC_081222A
0812147-03A	E-WW-01	Aqueous	SW8021B	Volatile Organics by GC	32768	1	12/19/08 12:26 AM	GC8_081218B
0812147-03B	E-WW-01	Aqueous	TX1005	Tx1005 TPH Water	32783	1	12/19/08 06:20 PM	GC12_081219B
0812147-03C	E-WW-01	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	50	12/24/08 06:30 PM	ICP-MS2_081224A
	E-WW-01	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	1	12/24/08 11:04 PM	ICP-MS2_081224A
	E-WW-01	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	1	12/19/08 09:50 PM	ICP-MS3_081219A
0812147-03D	E-WW-01	Aqueous	M2320 B	Alkalinity	R41163	1	12/22/08 04:15 PM	TITRATOR_081222B
	E-WW-01	Aqueous	E300	Anions by IC method - Water	R41135	20	12/19/08 10:58 AM	IC2_081219A
	E-WW-01	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/22/08	1	12/22/08 10:15 AM	WC_081222A
0812147-04A	BEG-MW-10	Aqueous	SW8021B	Volatile Organics by GC	32776	1	12/19/08 01:30 PM	GC8_081219A
0812147-04B	BEG-MW-10	Aqueous	TX1005	Tx1005 TPH Water	32783	1	12/19/08 06:29 PM	GC12_081219B
0812147-04C	BEG-MW-10	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	500	12/24/08 06:36 PM	ICP-MS2_081224A
	BEG-MW-10	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	5	12/24/08 09:42 PM	ICP-MS2_081224A
	BEG-MW-10	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	1	12/19/08 09:55 PM	ICP-MS3_081219A
0812147-04D	BEG-MW-10	Aqueous	M2320 B	Alkalinity	R41163	1	12/22/08 04:22 PM	TITRATOR_081222B

CLIENT: TRC Environmental Corp.
Project: RRC - Snyder (East O'Daniel)
Lab Order: 0812147

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
	BEG-MW-10	Aqueous	E300	Anions by IC method - Water	R41135	100	12/19/08 11:13 AM	IC2_081219A
	BEG-MW-10	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/22/08	1	12/22/08 10:15 AM	WC_081222A
0812147-05A	BEG-MW-09	Aqueous	SW8021B	Volatile Organics by GC	32776	1	12/19/08 01:48 PM	GC8_081219A
0812147-05B	BEG-MW-09	Aqueous	TX1005	Tx1005 TPH Water	32783	1	12/19/08 06:47 PM	GC12_081219B
0812147-05C	BEG-MW-09	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	100	12/24/08 06:41 PM	ICP-MS2_081224A
	BEG-MW-09	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	5	12/24/08 09:48 PM	ICP-MS2_081224A
	BEG-MW-09	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	1	12/19/08 10:00 PM	ICP-MS3_081219A
0812147-05D	BEG-MW-09	Aqueous	M2320 B	Alkalinity	R41163	1	12/22/08 04:27 PM	TITRATOR_081222B
	BEG-MW-09	Aqueous	E300	Anions by IC method - Water	R41135	10	12/19/08 12:42 PM	IC2_081219A
	BEG-MW-09	Aqueous	E300	Anions by IC method - Water	R41135	100	12/19/08 12:56 PM	IC2_081219A
	BEG-MW-09	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/22/08	1	12/22/08 10:15 AM	WC_081222A
0812147-06A	BEG-MW-05	Aqueous	SW8021B	Volatile Organics by GC	32776	1	12/19/08 02:06 PM	GC8_081219A
0812147-06B	BEG-MW-05	Aqueous	TX1005	Tx1005 TPH Water	32783	1	12/19/08 06:56 PM	GC12_081219B
0812147-06C	BEG-MW-05	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	500	12/24/08 06:47 PM	ICP-MS2_081224A
	BEG-MW-05	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	5	12/24/08 09:53 PM	ICP-MS2_081224A
	BEG-MW-05	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	1	12/19/08 10:05 PM	ICP-MS3_081219A
0812147-06D	BEG-MW-05	Aqueous	M2320 B	Alkalinity	R41163	1	12/22/08 04:36 PM	TITRATOR_081222B
	BEG-MW-05	Aqueous	E300	Anions by IC method - Water	R41135	50	12/19/08 01:11 PM	IC2_081219A
	BEG-MW-05	Aqueous	E300	Anions by IC method - Water	R41135	500	12/19/08 01:26 PM	IC2_081219A
	BEG-MW-05	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/22/08	1	12/22/08 10:15 AM	WC_081222A
0812147-07A	BEG-MW-07	Aqueous	SW8021B	Volatile Organics by GC	32776	5	12/19/08 05:07 PM	GC8_081219A
0812147-07B	BEG-MW-07	Aqueous	TX1005	Tx1005 TPH Water	32783	1	12/19/08 07:05 PM	GC12_081219B
0812147-07C	BEG-MW-07	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	500	12/24/08 07:30 PM	ICP-MS2_081224A
	BEG-MW-07	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	10	12/24/08 09:59 PM	ICP-MS2_081224A
	BEG-MW-07	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	1	12/19/08 10:10 PM	ICP-MS3_081219A
0812147-07D	BEG-MW-07	Aqueous	M2320 B	Alkalinity	R41163	1	12/22/08 04:42 PM	TITRATOR_081222B
	BEG-MW-07	Aqueous	E300	Anions by IC method - Water	R41135	10	12/19/08 01:40 PM	IC2_081219A
	BEG-MW-07	Aqueous	E300	Anions by IC method - Water	R41135	100	12/19/08 01:55 PM	IC2_081219A
	BEG-MW-07	Aqueous	E300	Anions by IC method - Water	R41251	100	12/31/08 01:27 PM	IC2_081231A

CLIENT: TRC Environmental Corp.
Project: RRC - Snyder (East O'Daniel)
Lab Order: 0812147

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
	BEG-MW-07	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/22/08	1	12/22/08 10:15 AM	WC_081222A
0812147-08A	BEG-MW-08	Aqueous	SW8021B	Volatile Organics by GC	32776	1	12/19/08 04:31 PM	GC8_081219A
0812147-08B	BEG-MW-08	Aqueous	TX1005	Tx1005 TPH Water	32783	1	12/19/08 07:14 PM	GC12_081219B
0812147-08C	BEG-MW-08	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	2000	12/24/08 07:36 PM	ICP-MS2_081224A
	BEG-MW-08	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	50	12/24/08 10:04 PM	ICP-MS2_081224A
	BEG-MW-08	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	1	12/19/08 10:15 PM	ICP-MS3_081219A
0812147-08D	BEG-MW-08	Aqueous	M2320 B	Alkalinity	R41163	1	12/22/08 04:54 PM	TITRATOR_081222B
	BEG-MW-08	Aqueous	E300	Anions by IC method - Water	R41135	100	12/19/08 02:10 PM	IC2_081219A
	BEG-MW-08	Aqueous	E300	Anions by IC method - Water	R41135	1000	12/19/08 02:24 PM	IC2_081219A
	BEG-MW-08	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/22/08	1	12/22/08 10:15 AM	WC_081222A
0812147-09A	BEG-MW-15	Aqueous	SW8021B	Volatile Organics by GC	32776	5	12/19/08 04:49 PM	GC8_081219A
0812147-09B	BEG-MW-15	Aqueous	TX1005	Tx1005 TPH Water	32783	1	12/19/08 07:22 PM	GC12_081219B
0812147-09C	BEG-MW-15	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	5000	12/24/08 07:42 PM	ICP-MS2_081224A
	BEG-MW-15	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	200	12/24/08 10:48 PM	ICP-MS2_081224A
	BEG-MW-15	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	1	12/19/08 10:20 PM	ICP-MS3_081219A
0812147-09D	BEG-MW-15	Aqueous	M2320 B	Alkalinity	R41163	1	12/22/08 05:00 PM	TITRATOR_081222B
	BEG-MW-15	Aqueous	E300	Anions by IC method - Water	R41135	1000	12/19/08 02:39 PM	IC2_081219A
	BEG-MW-15	Aqueous	E300	Anions by IC method - Water	R41135	10	12/19/08 03:12 PM	IC2_081219A
	BEG-MW-15	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/22/08	1	12/22/08 10:15 AM	WC_081222A
0812147-10A	BEG-MW-02	Aqueous	SW8021B	Volatile Organics by GC	32776	1	12/19/08 02:24 PM	GC8_081219A
0812147-10B	BEG-MW-02	Aqueous	TX1005	Tx1005 TPH Water	32783	1	12/19/08 07:31 PM	GC12_081219B
0812147-10C	BEG-MW-02	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	500	12/24/08 07:47 PM	ICP-MS2_081224A
	BEG-MW-02	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	1	12/19/08 11:06 PM	ICP-MS3_081219A
0812147-10D	BEG-MW-02	Aqueous	M2320 B	Alkalinity	R41163	1	12/22/08 05:07 PM	TITRATOR_081222B
	BEG-MW-02	Aqueous	E300	Anions by IC method - Water	R41135	10	12/19/08 03:27 PM	IC2_081219A
	BEG-MW-02	Aqueous	E300	Anions by IC method - Water	R41135	500	12/19/08 03:42 PM	IC2_081219A
	BEG-MW-02	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/22/08	1	12/22/08 10:15 AM	WC_081222A
0812147-11A	BEG-MW-13	Aqueous	SW8021B	Volatile Organics by GC	32776	1	12/19/08 02:42 PM	GC8_081219A
0812147-11B	BEG-MW-13	Aqueous	TX1005	Tx1005 TPH Water	32783	1	12/19/08 07:40 PM	GC12_081219B

CLIENT: TRC Environmental Corp.
Project: RRC - Snyder (East O'Daniel)
Lab Order: 0812147

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
0812147-11C	BEG-MW-13	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	100	12/24/08 07:53 PM	ICP-MS2_081224A
	BEG-MW-13	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	1	12/19/08 11:12 PM	ICP-MS3_081219A
0812147-11D	BEG-MW-13	Aqueous	M2320 B	Alkalinity	R41163	1	12/22/08 05:12 PM	TITRATOR_081222B
	BEG-MW-13	Aqueous	E300	Anions by IC method - Water	R41133	10	12/19/08 10:40 AM	IC_081219A
	BEG-MW-13	Aqueous	E300	Anions by IC method - Water	R41133	100	12/19/08 10:55 AM	IC_081219A
	BEG-MW-13	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/22/08	1	12/22/08 10:15 AM	WC_081222A
0812147-12A	BEG-MW-11	Aqueous	SW8021B	Volatile Organics by GC	32776	1	12/19/08 03:00 PM	GC8_081219A
0812147-12B	BEG-MW-11	Aqueous	TX1005	Tx1005 TPH Water	32783	1	12/19/08 07:49 PM	GC12_081219B
0812147-12C	BEG-MW-11	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	500	12/24/08 07:58 PM	ICP-MS2_081224A
	BEG-MW-11	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	5	12/24/08 10:53 PM	ICP-MS2_081224A
	BEG-MW-11	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	1	12/19/08 11:17 PM	ICP-MS3_081219A
0812147-12D	BEG-MW-11	Aqueous	M2320 B	Alkalinity	R41163	1	12/22/08 05:16 PM	TITRATOR_081222B
	BEG-MW-11	Aqueous	E300	Anions by IC method - Water	R41133	10	12/19/08 11:11 AM	IC_081219A
	BEG-MW-11	Aqueous	E300	Anions by IC method - Water	R41133	500	12/19/08 11:27 AM	IC_081219A
	BEG-MW-11	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/22/08	1	12/22/08 10:15 AM	WC_081222A
0812147-13A	BEG-MW-14	Aqueous	SW8021B	Volatile Organics by GC	32776	1	12/19/08 03:36 PM	GC8_081219A
0812147-13B	BEG-MW-14	Aqueous	TX1005	Tx1005 TPH Water	32783	1	12/19/08 07:58 PM	GC12_081219B
0812147-13C	BEG-MW-14	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	500	12/24/08 03:23 PM	ICP-MS2_081224A
	BEG-MW-14	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	50	12/24/08 10:59 PM	ICP-MS2_081224A
	BEG-MW-14	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	1	12/19/08 06:30 PM	ICP-MS3_081219A
	BEG-MW-14	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32775	50	12/29/08 04:10 PM	ICP-MS3_081229A
0812147-13D	BEG-MW-14	Aqueous	M2320 B	Alkalinity	R41163	1	12/22/08 05:22 PM	TITRATOR_081222B
	BEG-MW-14	Aqueous	E300	Anions by IC method - Water	R41133	500	12/19/08 11:42 AM	IC_081219A
	BEG-MW-14	Aqueous	E300	Anions by IC method - Water	R41133	10	12/19/08 12:48 PM	IC_081219A
	BEG-MW-14	Aqueous	E300	Anions by IC method - Water	R41133	100	12/19/08 03:31 PM	IC_081219A
	BEG-MW-14	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/22/08	1	12/22/08 10:15 AM	WC_081222A
0812147-14A	E-TB-12-17-08-01	Trip Blank	SW8021B	Volatile Organics by GC	32776	1	12/19/08 12:54 PM	GC8_081219A
0812147-15A	E-TB-12-17-08-02	Trip Blank	SW8021B	Volatile Organics by GC	32776	1	12/19/08 01:12 PM	GC8_081219A

CLIENT:	TRC Environmental Corp.	Client Sample ID:	BEG-MW-12
Project:	RRC - Snyder (East O'Daniel)	Lab ID:	0812147-01
Project No:	165296	Collection Date:	12/16/08 01:35 PM
Lab Order:	0812147	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.686	1.96		mg/L	1	12/19/08 05:45 PM
T/R Hydrocarbons: >C12-C28	ND	0.686	1.96		mg/L	1	12/19/08 05:45 PM
T/R Hydrocarbons: >C28-C35	ND	0.686	1.96		mg/L	1	12/19/08 05:45 PM
T/R Hydrocarbons: C6-C35	ND	0.686	1.96		mg/L	1	12/19/08 05:45 PM
Surr: Isopropylbenzene	80.3	0	70 - 130		%REC	1	12/19/08 05:45 PM
Surr: Octacosane	88.9	0	70 - 130		%REC	1	12/19/08 05:45 PM
Volatile Organics by GC		**SW8021B**					**Analyst: JAW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/19/08 02:15 AM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/19/08 02:15 AM
Toluene	ND	0.00200	0.00600		mg/L	1	12/19/08 02:15 AM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/19/08 02:15 AM
Surr: a,a,a-Trifluorotoluene	96.7	0	87 - 113		%REC	1	12/19/08 02:15 AM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: AJR**
Barium	0.154	0.00300	0.0100		mg/L	1	12/19/08 09:39 PM
Calcium	156	5.00	15.0		mg/L	50	12/24/08 06:19 PM
Iron	0.532	0.0500	0.150		mg/L	1	12/19/08 09:39 PM
Magnesium	59.6	5.00	15.0		mg/L	50	12/24/08 06:19 PM
Potassium	7.58	0.100	0.300		mg/L	1	12/19/08 09:39 PM
Sodium	481	5.00	15.0		mg/L	50	12/24/08 06:19 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	747	15.0	50.0		mg/L	50	12/19/08 10:29 AM
Sulfate	225	10.0	30.0		mg/L	10	12/19/08 10:14 AM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	323	10.0	20.0		mg/L	1	12/22/08 03:57 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/22/08 03:57 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/22/08 03:57 PM
Alkalinity, Total (As CaCO3)	323	10.0	20.0		mg/L	1	12/22/08 03:57 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	2030	10.0	10.0		mg/L	1	12/22/08 10:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	E-WW-02
Project:	RRC - Snyder (East O'Daniel)	Lab ID:	0812147-02
Project No:	165296	Collection Date:	12/16/08 01:30 PM
Lab Order:	0812147	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.689	1.97		mg/L	1	12/19/08 05:54 PM
T/R Hydrocarbons: >C12-C28	ND	0.689	1.97		mg/L	1	12/19/08 05:54 PM
T/R Hydrocarbons: >C28-C35	ND	0.689	1.97		mg/L	1	12/19/08 05:54 PM
T/R Hydrocarbons: C6-C35	ND	0.689	1.97		mg/L	1	12/19/08 05:54 PM
Surr: Isopropylbenzene	85.0	0	70 - 130		%REC	1	12/19/08 05:54 PM
Surr: Octacosane	93.1	0	70 - 130		%REC	1	12/19/08 05:54 PM
Volatile Organics by GC		**SW8021B**					**Analyst: JAW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/19/08 12:08 AM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/19/08 12:08 AM
Toluene	ND	0.00200	0.00600		mg/L	1	12/19/08 12:08 AM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/19/08 12:08 AM
Surr: a,a,a-Trifluorotoluene	96.6	0	87 - 113		%REC	1	12/19/08 12:08 AM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: AJR**
Barium	0.0272	0.00300	0.0100		mg/L	1	12/19/08 09:44 PM
Calcium	187	5.00	15.0		mg/L	50	12/24/08 06:25 PM
Iron	ND	0.0500	0.150		mg/L	1	12/19/08 09:44 PM
Magnesium	28.4	5.00	15.0		mg/L	50	12/24/08 06:25 PM
Potassium	6.83	0.100	0.300		mg/L	1	12/19/08 09:44 PM
Sodium	238	5.00	15.0		mg/L	50	12/24/08 06:25 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	346	3.00	10.0		mg/L	10	12/19/08 10:44 AM
Sulfate	364	10.0	30.0		mg/L	10	12/19/08 10:44 AM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	273	10.0	20.0		mg/L	1	12/22/08 04:09 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/22/08 04:09 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/22/08 04:09 PM
Alkalinity, Total (As CaCO3)	273	10.0	20.0		mg/L	1	12/22/08 04:09 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	1530	10.0	10.0		mg/L	1	12/22/08 10:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	E-WW-01
Project:	RRC - Snyder (East O'Daniel)	Lab ID:	0812147-03
Project No:	165296	Collection Date:	12/16/08 02:00 PM
Lab Order:	0812147	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.689	1.97		mg/L	1	12/19/08 06:20 PM
T/R Hydrocarbons: >C12-C28	ND	0.689	1.97		mg/L	1	12/19/08 06:20 PM
T/R Hydrocarbons: >C28-C35	ND	0.689	1.97		mg/L	1	12/19/08 06:20 PM
T/R Hydrocarbons: C6-C35	ND	0.689	1.97		mg/L	1	12/19/08 06:20 PM
Surr: Isopropylbenzene	83.4	0	70 - 130		%REC	1	12/19/08 06:20 PM
Surr: Octacosane	90.9	0	70 - 130		%REC	1	12/19/08 06:20 PM
Volatile Organics by GC		**SW8021B**					**Analyst: JAW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/19/08 12:26 AM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/19/08 12:26 AM
Toluene	ND	0.00200	0.00600		mg/L	1	12/19/08 12:26 AM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/19/08 12:26 AM
Surr: a,a,a-Trifluorotoluene	90.4	0	87 - 113		%REC	1	12/19/08 12:26 AM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: CZ**
Barium	0.0227	0.00300	0.0100		mg/L	1	12/24/08 11:04 PM
Calcium	175	5.00	15.0		mg/L	50	12/24/08 06:30 PM
Iron	0.311	0.0500	0.150		mg/L	1	12/19/08 09:50 PM
Magnesium	26.7	5.00	15.0		mg/L	50	12/24/08 06:30 PM
Potassium	6.62	0.100	0.300		mg/L	1	12/19/08 09:50 PM
Sodium	227	5.00	15.0		mg/L	50	12/24/08 06:30 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	312	6.00	20.0		mg/L	20	12/19/08 10:58 AM
Sulfate	341	20.0	60.0		mg/L	20	12/19/08 10:58 AM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	280	10.0	20.0		mg/L	1	12/22/08 04:15 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/22/08 04:15 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/22/08 04:15 PM
Alkalinity, Total (As CaCO3)	280	10.0	20.0		mg/L	1	12/22/08 04:15 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	1510	10.0	10.0		mg/L	1	12/22/08 10:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	BEG-MW-10
Project:	RRC - Snyder (East O'Daniel)	Lab ID:	0812147-04
Project No:	165296	Collection Date:	12/16/08 02:25 PM
Lab Order:	0812147	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.673	1.92		mg/L	1	12/19/08 06:29 PM
T/R Hydrocarbons: >C12-C28	ND	0.673	1.92		mg/L	1	12/19/08 06:29 PM
T/R Hydrocarbons: >C28-C35	ND	0.673	1.92		mg/L	1	12/19/08 06:29 PM
T/R Hydrocarbons: C6-C35	ND	0.673	1.92		mg/L	1	12/19/08 06:29 PM
Surr: Isopropylbenzene	84.3	0	70 - 130		%REC	1	12/19/08 06:29 PM
Surr: Octacosane	91.3	0	70 - 130		%REC	1	12/19/08 06:29 PM
Volatile Organics by GC		**SW8021B**					**Analyst: JAW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/19/08 01:30 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/19/08 01:30 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/19/08 01:30 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/19/08 01:30 PM
Surr: a,a,a-Trifluorotoluene	95.9	0	87 - 113		%REC	1	12/19/08 01:30 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: AJR**
Barium	0.0643	0.00300	0.0100		mg/L	1	12/19/08 09:55 PM
Calcium	1210	50.0	150		mg/L	500	12/24/08 06:36 PM
Iron	0.653	0.0500	0.150		mg/L	1	12/19/08 09:55 PM
Magnesium	388	50.0	150		mg/L	500	12/24/08 06:36 PM
Potassium	13.8	0.500	1.50		mg/L	5	12/24/08 09:42 PM
Sodium	1840	50.0	150		mg/L	500	12/24/08 06:36 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	4770	30.0	100		mg/L	100	12/19/08 11:13 AM
Sulfate	1660	100	300		mg/L	100	12/19/08 11:13 AM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	308	10.0	20.0		mg/L	1	12/22/08 04:22 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/22/08 04:22 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/22/08 04:22 PM
Alkalinity, Total (As CaCO3)	308	10.0	20.0		mg/L	1	12/22/08 04:22 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	12800	10.0	10.0		mg/L	1	12/22/08 10:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	BEG-MW-09
Project:	RRC - Snyder (East O'Daniel)	Lab ID:	0812147-05
Project No:	165296	Collection Date:	12/16/08 02:50 PM
Lab Order:	0812147	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.696	1.99		mg/L	1	12/19/08 06:47 PM
T/R Hydrocarbons: >C12-C28	ND	0.696	1.99		mg/L	1	12/19/08 06:47 PM
T/R Hydrocarbons: >C28-C35	ND	0.696	1.99		mg/L	1	12/19/08 06:47 PM
T/R Hydrocarbons: C6-C35	ND	0.696	1.99		mg/L	1	12/19/08 06:47 PM
Surr: Isopropylbenzene	81.9	0	70 - 130		%REC	1	12/19/08 06:47 PM
Surr: Octacosane	88.9	0	70 - 130		%REC	1	12/19/08 06:47 PM
Volatile Organics by GC		**SW8021B**					**Analyst: JAW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/19/08 01:48 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/19/08 01:48 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/19/08 01:48 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/19/08 01:48 PM
Surr: a,a,a-Trifluorotoluene	97.1	0	87 - 113		%REC	1	12/19/08 01:48 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: AJR**
Barium	0.0680	0.00300	0.0100		mg/L	1	12/19/08 10:00 PM
Calcium	806	10.0	30.0		mg/L	100	12/24/08 06:41 PM
Iron	1.05	0.0500	0.150		mg/L	1	12/19/08 10:00 PM
Magnesium	83.0	10.0	30.0		mg/L	100	12/24/08 06:41 PM
Potassium	10.7	0.500	1.50		mg/L	5	12/24/08 09:48 PM
Sodium	543	10.0	30.0		mg/L	100	12/24/08 06:41 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	1140	30.0	100		mg/L	100	12/19/08 12:56 PM
Sulfate	702	10.0	30.0		mg/L	10	12/19/08 12:42 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	225	10.0	20.0		mg/L	1	12/22/08 04:27 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/22/08 04:27 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/22/08 04:27 PM
Alkalinity, Total (As CaCO3)	225	10.0	20.0		mg/L	1	12/22/08 04:27 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	3270	10.0	10.0		mg/L	1	12/22/08 10:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	BEG-MW-05
Project:	RRC - Snyder (East O'Daniel)	Lab ID:	0812147-06
Project No:	165296	Collection Date:	12/16/08 03:20 PM
Lab Order:	0812147	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.669	1.91		mg/L	1	12/19/08 06:56 PM
T/R Hydrocarbons: >C12-C28	ND	0.669	1.91		mg/L	1	12/19/08 06:56 PM
T/R Hydrocarbons: >C28-C35	ND	0.669	1.91		mg/L	1	12/19/08 06:56 PM
T/R Hydrocarbons: C6-C35	ND	0.669	1.91		mg/L	1	12/19/08 06:56 PM
Surr: Isopropylbenzene	86.6	0	70 - 130		%REC	1	12/19/08 06:56 PM
Surr: Octacosane	91.3	0	70 - 130		%REC	1	12/19/08 06:56 PM
Volatile Organics by GC		**SW8021B**					**Analyst: JAW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/19/08 02:06 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/19/08 02:06 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/19/08 02:06 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/19/08 02:06 PM
Surr: a,a,a-Trifluorotoluene	96.5	0	87 - 113		%REC	1	12/19/08 02:06 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: AJR**
Barium	0.0503	0.00300	0.0100		mg/L	1	12/19/08 10:05 PM
Calcium	1560	50.0	150		mg/L	500	12/24/08 06:47 PM
Iron	0.103	0.0500	0.150	J	mg/L	1	12/19/08 10:05 PM
Magnesium	1020	50.0	150		mg/L	500	12/24/08 06:47 PM
Potassium	39.4	0.500	1.50		mg/L	5	12/24/08 09:53 PM
Sodium	2530	50.0	150		mg/L	500	12/24/08 06:47 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	8790	150	500		mg/L	500	12/19/08 01:26 PM
Sulfate	1740	50.0	150		mg/L	50	12/19/08 01:11 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	286	10.0	20.0		mg/L	1	12/22/08 04:36 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/22/08 04:36 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/22/08 04:36 PM
Alkalinity, Total (As CaCO3)	286	10.0	20.0		mg/L	1	12/22/08 04:36 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	18400	10.0	10.0		mg/L	1	12/22/08 10:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	BEG-MW-07
Project:	RRC - Snyder (East O'Daniel)	Lab ID:	0812147-07
Project No:	165296	Collection Date:	12/16/08 03:45 PM
Lab Order:	0812147	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	0.799	0.687	1.96	J	mg/L	1	12/19/08 07:05 PM
T/R Hydrocarbons: >C12-C28	ND	0.687	1.96		mg/L	1	12/19/08 07:05 PM
T/R Hydrocarbons: >C28-C35	ND	0.687	1.96		mg/L	1	12/19/08 07:05 PM
T/R Hydrocarbons: C6-C35	0.799	0.687	1.96	J	mg/L	1	12/19/08 07:05 PM
Surr: Isopropylbenzene	82.5	0	70 - 130		%REC	1	12/19/08 07:05 PM
Surr: Octacosane	89.1	0	70 - 130		%REC	1	12/19/08 07:05 PM
Volatile Organics by GC		**SW8021B**					**Analyst: JAW**
Benzene	0.394	0.00400	0.0100		mg/L	5	12/19/08 05:07 PM
Ethylbenzene	ND	0.0100	0.0300		mg/L	5	12/19/08 05:07 PM
Toluene	ND	0.0100	0.0300		mg/L	5	12/19/08 05:07 PM
Xylenes, Total	ND	0.0150	0.0450		mg/L	5	12/19/08 05:07 PM
Surr: a,a,a-Trifluorotoluene	97.6	0	87 - 113		%REC	5	12/19/08 05:07 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: AJR**
Barium	0.138	0.00300	0.0100		mg/L	1	12/19/08 10:10 PM
Calcium	738	50.0	150		mg/L	500	12/24/08 07:30 PM
Iron	1.96	0.0500	0.150		mg/L	1	12/19/08 10:10 PM
Magnesium	125	50.0	150	J	mg/L	500	12/24/08 07:30 PM
Potassium	43.9	1.00	3.00		mg/L	10	12/24/08 09:59 PM
Sodium	2540	50.0	150		mg/L	500	12/24/08 07:30 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	3780	30.0	100		mg/L	100	12/19/08 01:55 PM
Sulfate	608	10.0	30.0		mg/L	10	12/19/08 01:40 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	260	10.0	20.0		mg/L	1	12/22/08 04:42 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/22/08 04:42 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/22/08 04:42 PM
Alkalinity, Total (As CaCO3)	260	10.0	20.0		mg/L	1	12/22/08 04:42 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	8620	10.0	10.0		mg/L	1	12/22/08 10:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level
B	Analyte detected in the associated Method Blank
C	Sample Result or QC discussed in the Case Narrative
DF	Dilution Factor
E	TPH pattern not Gas or Diesel Range Pattern
J	Analyte detected between MDL and RL
MDL	Method Detection Limit
N	Parameter not NELAC certified
ND	Not Detected at the Method Detection Limit
RL	Reporting Limit
S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	BEG-MW-08
Project:	RRC - Snyder (East O'Daniel)	Lab ID:	0812147-08
Project No:	165296	Collection Date:	12/16/08 04:00 PM
Lab Order:	0812147	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.664	1.90		mg/L	1	12/19/08 07:14 PM
T/R Hydrocarbons: >C12-C28	ND	0.664	1.90		mg/L	1	12/19/08 07:14 PM
T/R Hydrocarbons: >C28-C35	ND	0.664	1.90		mg/L	1	12/19/08 07:14 PM
T/R Hydrocarbons: C6-C35	ND	0.664	1.90		mg/L	1	12/19/08 07:14 PM
Surr: Isopropylbenzene	86.7	0	70 - 130		%REC	1	12/19/08 07:14 PM
Surr: Octacosane	93.7	0	70 - 130		%REC	1	12/19/08 07:14 PM
Volatile Organics by GC		**SW8021B**					**Analyst: JAW**
Benzene	0.00319	0.000800	0.00200		mg/L	1	12/19/08 04:31 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/19/08 04:31 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/19/08 04:31 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/19/08 04:31 PM
Surr: a,a,a-Trifluorotoluene	88.6	0	87 - 113		%REC	1	12/19/08 04:31 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: AJR**
Barium	0.191	0.00300	0.0100		mg/L	1	12/19/08 10:15 PM
Calcium	1900	200	600		mg/L	2000	12/24/08 07:36 PM
Iron	5.12	2.50	7.50	J	mg/L	50	12/24/08 10:04 PM
Magnesium	462	5.00	15.0		mg/L	50	12/24/08 10:04 PM
Potassium	176	5.00	15.0		mg/L	50	12/24/08 10:04 PM
Sodium	12600	200	600		mg/L	2000	12/24/08 07:36 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	24000	300	1000		mg/L	1000	12/19/08 02:24 PM
Sulfate	2230	100	300		mg/L	100	12/19/08 02:10 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	217	10.0	20.0		mg/L	1	12/22/08 04:54 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/22/08 04:54 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/22/08 04:54 PM
Alkalinity, Total (As CaCO3)	217	10.0	20.0		mg/L	1	12/22/08 04:54 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	43900	10.0	10.0		mg/L	1	12/22/08 10:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	BEG-MW-15
Project:	RRC - Snyder (East O'Daniel)	Lab ID:	0812147-09
Project No:	165296	Collection Date:	12/17/08 12:45 PM
Lab Order:	0812147	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.668	1.91		mg/L	1	12/19/08 07:22 PM
T/R Hydrocarbons: >C12-C28	ND	0.668	1.91		mg/L	1	12/19/08 07:22 PM
T/R Hydrocarbons: >C28-C35	ND	0.668	1.91		mg/L	1	12/19/08 07:22 PM
T/R Hydrocarbons: C6-C35	ND	0.668	1.91		mg/L	1	12/19/08 07:22 PM
Surr: Isopropylbenzene	84.0	0	70 - 130		%REC	1	12/19/08 07:22 PM
Surr: Octacosane	91.5	0	70 - 130		%REC	1	12/19/08 07:22 PM
Volatile Organics by GC		**SW8021B**					**Analyst: JAW**
Benzene	0.157	0.00400	0.0100		mg/L	5	12/19/08 04:49 PM
Ethylbenzene	ND	0.0100	0.0300		mg/L	5	12/19/08 04:49 PM
Toluene	ND	0.0100	0.0300		mg/L	5	12/19/08 04:49 PM
Xylenes, Total	ND	0.0150	0.0450		mg/L	5	12/19/08 04:49 PM
Surr: a,a,a-Trifluorotoluene	97.8	0	87 - 113		%REC	5	12/19/08 04:49 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: AJR**
Barium	0.414	0.00300	0.0100		mg/L	1	12/19/08 10:20 PM
Calcium	1470	20.0	60.0		mg/L	200	12/24/08 10:48 PM
Iron	0.838	0.0500	0.150		mg/L	1	12/19/08 10:20 PM
Magnesium	516	20.0	60.0		mg/L	200	12/24/08 10:48 PM
Potassium	209	20.0	60.0		mg/L	200	12/24/08 10:48 PM
Sodium	12600	500	1500		mg/L	5000	12/24/08 07:42 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	25400	300	1000		mg/L	1000	12/19/08 02:39 PM
Sulfate	740	10.0	30.0		mg/L	10	12/19/08 03:12 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	448	10.0	20.0		mg/L	1	12/22/08 05:00 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/22/08 05:00 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/22/08 05:00 PM
Alkalinity, Total (As CaCO3)	448	10.0	20.0		mg/L	1	12/22/08 05:00 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	44300	10.0	10.0		mg/L	1	12/22/08 10:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level
B	Analyte detected in the associated Method Blank
C	Sample Result or QC discussed in the Case Narrative
DF	Dilution Factor
E	TPH pattern not Gas or Diesel Range Pattern
J	Analyte detected between MDL and RL
MDL	Method Detection Limit
N	Parameter not NELAC certified
ND	Not Detected at the Method Detection Limit
RL	Reporting Limit
S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	BEG-MW-15
Project:	RRC - Snyder (East O'Daniel)	Lab ID:	0812147-09
Project No:	165296	Collection Date:	12/16/08 12:45 PM
Lab Order:	0812147	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.668	1.91		mg/L	1	12/19/08 07:22 PM
T/R Hydrocarbons: >C12-C28	ND	0.668	1.91		mg/L	1	12/19/08 07:22 PM
T/R Hydrocarbons: >C28-C35	ND	0.668	1.91		mg/L	1	12/19/08 07:22 PM
T/R Hydrocarbons: C6-C35	ND	0.668	1.91		mg/L	1	12/19/08 07:22 PM
Surr: Isopropylbenzene	84.0	0	70 - 130		%REC	1	12/19/08 07:22 PM
Surr: Octacosane	91.5	0	70 - 130		%REC	1	12/19/08 07:22 PM
Volatile Organics by GC		**SW8021B**					**Analyst: JAW**
Benzene	0.157	0.00400	0.0100		mg/L	5	12/19/08 04:49 PM
Ethylbenzene	ND	0.0100	0.0300		mg/L	5	12/19/08 04:49 PM
Toluene	ND	0.0100	0.0300		mg/L	5	12/19/08 04:49 PM
Xylenes, Total	ND	0.0150	0.0450		mg/L	5	12/19/08 04:49 PM
Surr: a,a,a-Trifluorotoluene	97.8	0	87 - 113		%REC	5	12/19/08 04:49 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: AJR**
Barium	0.414	0.00300	0.0100		mg/L	1	12/19/08 10:20 PM
Calcium	1470	20.0	60.0		mg/L	200	12/24/08 10:48 PM
Iron	0.838	0.0500	0.150		mg/L	1	12/19/08 10:20 PM
Magnesium	516	20.0	60.0		mg/L	200	12/24/08 10:48 PM
Potassium	209	20.0	60.0		mg/L	200	12/24/08 10:48 PM
Sodium	12600	500	1500		mg/L	5000	12/24/08 07:42 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	25400	300	1000		mg/L	1000	12/19/08 02:39 PM
Sulfate	740	10.0	30.0		mg/L	10	12/19/08 03:12 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	448	10.0	20.0		mg/L	1	12/22/08 05:00 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/22/08 05:00 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/22/08 05:00 PM
Alkalinity, Total (As CaCO3)	448	10.0	20.0		mg/L	1	12/22/08 05:00 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	44300	10.0	10.0		mg/L	1	12/22/08 10:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

DHL Analytical

Date: 01/05/09

CLIENT:	TRC Environmental Corp.	Client Sample ID:	BEG-MW-02
Project:	RRC - Snyder (East O'Daniel)	Lab ID:	0812147-10
Project No:	165296	Collection Date:	12/17/08 03:20 PM
Lab Order:	0812147	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.666	1.90		mg/L	1	12/19/08 07:31 PM
T/R Hydrocarbons: >C12-C28	ND	0.666	1.90		mg/L	1	12/19/08 07:31 PM
T/R Hydrocarbons: >C28-C35	ND	0.666	1.90		mg/L	1	12/19/08 07:31 PM
T/R Hydrocarbons: C6-C35	ND	0.666	1.90		mg/L	1	12/19/08 07:31 PM
Surr: Isopropylbenzene	85.1	0	70 - 130		%REC	1	12/19/08 07:31 PM
Surr: Octacosane	94.3	0	70 - 130		%REC	1	12/19/08 07:31 PM
Volatile Organics by GC		**SW8021B**					**Analyst: JAW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/19/08 02:24 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/19/08 02:24 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/19/08 02:24 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/19/08 02:24 PM
Surr: a,a,a-Trifluorotoluene	97.9	0	87 - 113		%REC	1	12/19/08 02:24 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: AJR**
Barium	0.116	0.00300	0.0100		mg/L	1	12/19/08 11:06 PM
Calcium	1200	50.0	150		mg/L	500	12/24/08 07:47 PM
Iron	3.48	0.0500	0.150		mg/L	1	12/19/08 11:06 PM
Magnesium	437	50.0	150		mg/L	500	12/24/08 07:47 PM
Potassium	6.16	0.100	0.300		mg/L	1	12/19/08 11:06 PM
Sodium	3900	50.0	150		mg/L	500	12/24/08 07:47 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	10400	150	500		mg/L	500	12/19/08 03:42 PM
Sulfate	960	10.0	30.0		mg/L	10	12/19/08 03:27 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	521	10.0	20.0		mg/L	1	12/22/08 05:07 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/22/08 05:07 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/22/08 05:07 PM
Alkalinity, Total (As CaCO3)	521	10.0	20.0		mg/L	1	12/22/08 05:07 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	18400	10.0	10.0		mg/L	1	12/22/08 10:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	BEG-MW-13
Project:	RRC - Snyder (East O'Daniel)	Lab ID:	0812147-11
Project No:	165296	Collection Date:	12/17/08 09:45 AM
Lab Order:	0812147	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.697	1.99		mg/L	1	12/19/08 07:40 PM
T/R Hydrocarbons: >C12-C28	ND	0.697	1.99		mg/L	1	12/19/08 07:40 PM
T/R Hydrocarbons: >C28-C35	ND	0.697	1.99		mg/L	1	12/19/08 07:40 PM
T/R Hydrocarbons: C6-C35	ND	0.697	1.99		mg/L	1	12/19/08 07:40 PM
Surr: Isopropylbenzene	87.1	0	70 - 130		%REC	1	12/19/08 07:40 PM
Surr: Octacosane	94.2	0	70 - 130		%REC	1	12/19/08 07:40 PM
Volatile Organics by GC		**SW8021B**					**Analyst: JAW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/19/08 02:42 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/19/08 02:42 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/19/08 02:42 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/19/08 02:42 PM
Surr: a,a,a-Trifluorotoluene	97.4	0	87 - 113		%REC	1	12/19/08 02:42 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: AJR**
Barium	0.0568	0.00300	0.0100		mg/L	1	12/19/08 11:12 PM
Calcium	410	10.0	30.0		mg/L	100	12/24/08 07:53 PM
Iron	2.54	0.0500	0.150		mg/L	1	12/19/08 11:12 PM
Magnesium	73.9	10.0	30.0		mg/L	100	12/24/08 07:53 PM
Potassium	8.10	0.100	0.300		mg/L	1	12/19/08 11:12 PM
Sodium	616	10.0	30.0		mg/L	100	12/24/08 07:53 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	1260	30.0	100		mg/L	100	12/19/08 10:55 AM
Sulfate	517	10.0	30.0		mg/L	10	12/19/08 10:40 AM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	209	10.0	20.0		mg/L	1	12/22/08 05:12 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/22/08 05:12 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/22/08 05:12 PM
Alkalinity, Total (As CaCO3)	209	10.0	20.0		mg/L	1	12/22/08 05:12 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	3560	10.0	10.0		mg/L	1	12/22/08 10:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	BEG-MW-11
Project:	RRC - Snyder (East O'Daniel)	Lab ID:	0812147-12
Project No:	165296	Collection Date:	12/17/08 10:45 AM
Lab Order:	0812147	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.675	1.93		mg/L	1	12/19/08 07:49 PM
T/R Hydrocarbons: >C12-C28	ND	0.675	1.93		mg/L	1	12/19/08 07:49 PM
T/R Hydrocarbons: >C28-C35	ND	0.675	1.93		mg/L	1	12/19/08 07:49 PM
T/R Hydrocarbons: C6-C35	ND	0.675	1.93		mg/L	1	12/19/08 07:49 PM
Surr: Isopropylbenzene	86.0	0	70 - 130		%REC	1	12/19/08 07:49 PM
Surr: Octacosane	94.6	0	70 - 130		%REC	1	12/19/08 07:49 PM
Volatile Organics by GC		**SW8021B**					**Analyst: JAW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/19/08 03:00 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/19/08 03:00 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/19/08 03:00 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/19/08 03:00 PM
Surr: a,a,a-Trifluorotoluene	96.9	0	87 - 113		%REC	1	12/19/08 03:00 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: AJR**
Barium	0.0936	0.00300	0.0100		mg/L	1	12/19/08 11:17 PM
Calcium	1870	50.0	150		mg/L	500	12/24/08 07:58 PM
Iron	0.408	0.0500	0.150		mg/L	1	12/19/08 11:17 PM
Magnesium	475	50.0	150		mg/L	500	12/24/08 07:58 PM
Potassium	16.8	0.500	1.50		mg/L	5	12/24/08 10:53 PM
Sodium	1860	50.0	150		mg/L	500	12/24/08 07:58 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	7470	150	500		mg/L	500	12/19/08 11:27 AM
Sulfate	853	10.0	30.0		mg/L	10	12/19/08 11:11 AM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	148	10.0	20.0		mg/L	1	12/22/08 05:16 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/22/08 05:16 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/22/08 05:16 PM
Alkalinity, Total (As CaCO3)	148	10.0	20.0		mg/L	1	12/22/08 05:16 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	16300	10.0	10.0		mg/L	1	12/22/08 10:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	BEG-MW-14
Project:	RRC - Snyder (East O'Daniel)	Lab ID:	0812147-13
Project No:	165296	Collection Date:	12/17/08 02:00 PM
Lab Order:	0812147	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.679	1.94		mg/L	1	12/19/08 07:58 PM
T/R Hydrocarbons: >C12-C28	ND	0.679	1.94		mg/L	1	12/19/08 07:58 PM
T/R Hydrocarbons: >C28-C35	ND	0.679	1.94		mg/L	1	12/19/08 07:58 PM
T/R Hydrocarbons: C6-C35	ND	0.679	1.94		mg/L	1	12/19/08 07:58 PM
Surr: Isopropylbenzene	88.0	0	70 - 130		%REC	1	12/19/08 07:58 PM
Surr: Octacosane	94.1	0	70 - 130		%REC	1	12/19/08 07:58 PM
Volatile Organics by GC		**SW8021B**					**Analyst: JAW**
Benzene	0.00163	0.000800	0.00200	J	mg/L	1	12/19/08 03:36 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/19/08 03:36 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/19/08 03:36 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/19/08 03:36 PM
Surr: a,a,a-Trifluorotoluene	97.7	0	87 - 113		%REC	1	12/19/08 03:36 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: AJR**
Barium	0.0864	0.00300	0.0100		mg/L	1	12/19/08 06:30 PM
Calcium	384	50.0	150		mg/L	500	12/24/08 03:23 PM
Iron	22.8	2.50	7.50		mg/L	50	12/29/08 04:10 PM
Magnesium	90.4	50.0	150	J	mg/L	500	12/24/08 03:23 PM
Potassium	51.8	50.0	150	J	mg/L	500	12/24/08 03:23 PM
Sodium	2490	50.0	150		mg/L	500	12/24/08 03:23 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	4330	30.0	100		mg/L	100	12/19/08 03:31 PM
Sulfate	737	10.0	30.0		mg/L	10	12/19/08 12:48 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	209	10.0	20.0		mg/L	1	12/22/08 05:22 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/22/08 05:22 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/22/08 05:22 PM
Alkalinity, Total (As CaCO3)	209	10.0	20.0		mg/L	1	12/22/08 05:22 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	9760	10.0	10.0		mg/L	1	12/22/08 10:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	E-TB-12-17-08-01
Project:	RRC - Snyder (East O'Daniel)	Lab ID:	0812147-14
Project No:	165296	Collection Date:	12/17/08
Lab Order:	0812147	Matrix:	Trip Blank

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Volatile Organics by GC		SW8021B					Analyst: JAW
Benzene	ND	0.000800	0.00200		mg/L	1	12/19/08 12:54 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/19/08 12:54 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/19/08 12:54 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/19/08 12:54 PM
Surr: a,a,a-Trifluorotoluene	97.6	0	87 - 113		%REC	1	12/19/08 12:54 PM

Qualifiers:				
	*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
	B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
	C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
	DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
	E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
			S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	E-TB-12-17-08-02
Project:	RRC - Snyder (East O'Daniel)	Lab ID:	0812147-15
Project No:	165296	Collection Date:	12/17/08
Lab Order:	0812147	Matrix:	Trip Blank

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Volatile Organics by GC		SW8021B					Analyst: JAW
Benzene	ND	0.000800	0.00200		mg/L	1	12/19/08 01:12 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/19/08 01:12 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/19/08 01:12 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/19/08 01:12 PM
Surr: a,a,a-Trifluorotoluene	98.9	0	87 - 113		%REC	1	12/19/08 01:12 PM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT: TRC Environmental Corp.
Work Order: 0812147
Project: RRC - Snyder (East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_081219B

Sample ID:	LCS-32783	Batch ID:	32783		TestNo:		TX1005		Units:		mg/L
SampType:	LCS	Run ID:	GC12_081219B		Analysis Date:		12/19/08 05:10 PM		Prep Date:		12/19/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		22.0	2.00	25.00	0	88.1	75	125			
Surr: Isopropylbenzene		2.17		2.500		86.9	70	130			
Surr: Octacosane		2.32		2.500		92.6	70	130			

Sample ID:	LCSD-32783	Batch ID:	32783		TestNo:		TX1005		Units:		mg/L
SampType:	LCSD	Run ID:	GC12_081219B		Analysis Date:		12/19/08 05:19 PM		Prep Date:		12/19/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		22.0	2.00	25.00	0	88.0	75	125	0.137	20	
Surr: Isopropylbenzene		2.15		2.500		86.1	70	130	0	0	
Surr: Octacosane		2.22		2.500		88.8	70	130	0	0	

Sample ID:	MB-32783	Batch ID:	32783		TestNo:		TX1005		Units:		mg/L
SampType:	MBLK	Run ID:	GC12_081219B		Analysis Date:		12/19/08 05:27 PM		Prep Date:		12/19/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C12		ND	2.00								
T/R Hydrocarbons: >C12-C28		ND	2.00								
T/R Hydrocarbons: >C28-C35		ND	2.00								
T/R Hydrocarbons: C6-C35		ND	2.00								
Surr: Isopropylbenzene		2.09		2.500		83.4	70	130			
Surr: Octacosane		2.31		2.500		92.4	70	130			

Sample ID:	0812147-02BMS	Batch ID:	32783		TestNo:		TX1005		Units:		mg/L
SampType:	MS	Run ID:	GC12_081219B		Analysis Date:		12/19/08 06:03 PM		Prep Date:		12/19/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		21.7	2.00	24.99	0	86.9	75	125			
Surr: Isopropylbenzene		2.04		2.499		81.5	70	130			
Surr: Octacosane		2.13		2.499		85.3	70	130			

Sample ID:	0812147-02BMSD	Batch ID:	32783		TestNo:		TX1005		Units:		mg/L
SampType:	MSD	Run ID:	GC12_081219B		Analysis Date:		12/19/08 06:12 PM		Prep Date:		12/19/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		22.9	1.99	24.92	0	91.8	75	125	5.22	20	
Surr: Isopropylbenzene		2.20		2.492		88.2	70	130	0	0	
Surr: Octacosane		2.26		2.492		90.6	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812147
Project: RRC - Snyder (East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_081219B

Sample ID:	ICV-081219	Batch ID:	R41148	TestNo:	TX1005	Units:	mg/L
SampType:	ICV	Run ID:	GC12_081219B	Analysis Date:	12/19/08 12:45 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35	970	2.00	1000	0	97.0	75	125			
Surr: Isopropylbenzene	44.2		50.00		88.4	70	130			
Surr: Octacosane	53.2		50.00		106	70	130			

Sample ID:	CCV3-081219	Batch ID:	R41148	TestNo:	TX1005	Units:	mg/L
SampType:	CCV	Run ID:	GC12_081219B	Analysis Date:	12/19/08 04:52 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35	498	2.00	500.0	0	99.6	75	125			
Surr: Isopropylbenzene	24.1		25.00		96.5	70	130			
Surr: Octacosane	26.1		25.00		104	70	130			

Sample ID:	CCV4-081219	Batch ID:	R41148	TestNo:	TX1005	Units:	mg/L
SampType:	CCV	Run ID:	GC12_081219B	Analysis Date:	12/19/08 06:38 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35	506	2.00	500.0	0	101	75	125			
Surr: Isopropylbenzene	24.2		25.00		97.0	70	130			
Surr: Octacosane	25.8		25.00		103	70	130			

Sample ID:	CCV5-081219	Batch ID:	R41148	TestNo:	TX1005	Units:	mg/L
SampType:	CCV	Run ID:	GC12_081219B	Analysis Date:	12/19/08 08:15 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35	454	2.00	500.0	0	90.9	75	125			
Surr: Isopropylbenzene	22.1		25.00		88.6	70	130			
Surr: Octacosane	24.9		25.00		99.6	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812147
Project: RRC - Snyder (East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: GC8_081218B

Sample ID:	LCS-32768	Batch ID:	32768		TestNo:		SW8021B		Units:		mg/L
SampType:	LCS	Run ID:	GC8_081218B		Analysis Date:		12/18/08 05:05 PM		Prep Date:		12/18/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene		0.0516	0.00200	0.0500	0	103	81	125			
Toluene		0.0512	0.00600	0.0500	0	102	84	123			
Ethylbenzene		0.0503	0.00600	0.0500	0	101	83	119			
Xylenes, Total		0.150	0.00900	0.150	0	100	81	117			
Surr: a,a,a-Trifluorotoluene		189		200.0		94.4	87	113			

Sample ID:	MB-32768	Batch ID:	32768		TestNo:		SW8021B		Units:		mg/L
SampType:	MBLK	Run ID:	GC8_081218B		Analysis Date:		12/18/08 05:23 PM		Prep Date:		12/18/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene		ND	0.00200								
Toluene		ND	0.00600								
Ethylbenzene		ND	0.00600								
Xylenes, Total		ND	0.00900								
Surr: a,a,a-Trifluorotoluene		195		200.0		97.5	87	113			

Sample ID:	0812146-08AMS	Batch ID:	32768		TestNo:		SW8021B		Units:		mg/L
SampType:	MS	Run ID:	GC8_081218B		Analysis Date:		12/19/08 01:39 AM		Prep Date:		12/18/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene		0.0625	0.00200	0.0500	0.00953	106	81	125			
Toluene		0.0599	0.00600	0.0500	0.00722	105	84	123			
Ethylbenzene		0.0547	0.00600	0.0500	0.00276	104	83	119			
Xylenes, Total		0.156	0.00900	0.150	0	104	81	117			
Surr: a,a,a-Trifluorotoluene		195		200.0		97.5	87	113			

Sample ID:	0812146-08AMSD	Batch ID:	32768		TestNo:		SW8021B		Units:		mg/L
SampType:	MSD	Run ID:	GC8_081218B		Analysis Date:		12/19/08 01:57 AM		Prep Date:		12/18/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene		0.0640	0.00200	0.0500	0.00953	109	81	125	2.29	20	
Toluene		0.0614	0.00600	0.0500	0.00722	108	84	123	2.43	20	
Ethylbenzene		0.0560	0.00600	0.0500	0.00276	107	83	119	2.37	20	
Xylenes, Total		0.159	0.00900	0.150	0	106	81	117	2.40	20	
Surr: a,a,a-Trifluorotoluene		202		200.0		101	87	113	0	0	

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812147
Project: RRC - Snyder (East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: GC8_081218B

Sample ID:	ICV-081218	Batch ID:	R41129	TestNo:	SW8021B	Units:	mg/L
SampType:	ICV	Run ID:	GC8_081218B	Analysis Date:	12/18/08 04:47 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene	0.101	0.00200	0.100	0	101	85	115			
Toluene	0.0997	0.00600	0.100	0	99.7	85	115			
Ethylbenzene	0.0984	0.00600	0.100	0	98.4	85	115			
Xylenes, Total	0.294	0.00900	0.300	0	98.0	85	115			
Surr: a,a,a-Trifluorotoluene	194		200.0		96.9	87	113			

Sample ID:	CCV1-081218	Batch ID:	R41129	TestNo:	SW8021B	Units:	mg/L
SampType:	CCV	Run ID:	GC8_081218B	Analysis Date:	12/18/08 10:00 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene	0.0533	0.00200	0.0500	0	107	85	115			
Toluene	0.0528	0.00600	0.0500	0	106	85	115			
Ethylbenzene	0.0521	0.00600	0.0500	0	104	85	115			
Xylenes, Total	0.155	0.00900	0.150	0	104	85	115			
Surr: a,a,a-Trifluorotoluene	189		200.0		94.6	87	113			

Sample ID:	CCV2-081218	Batch ID:	R41129	TestNo:	SW8021B	Units:	mg/L
SampType:	CCV	Run ID:	GC8_081218B	Analysis Date:	12/19/08 01:20 AM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene	0.0544	0.00200	0.0500	0	109	85	115			
Toluene	0.0540	0.00600	0.0500	0	108	85	115			
Ethylbenzene	0.0532	0.00600	0.0500	0	106	85	115			
Xylenes, Total	0.157	0.00900	0.150	0	105	85	115			
Surr: a,a,a-Trifluorotoluene	193		200.0		96.6	87	113			

Sample ID:	CCV3-081218	Batch ID:	R41129	TestNo:	SW8021B	Units:	mg/L
SampType:	CCV	Run ID:	GC8_081218B	Analysis Date:	12/19/08 03:10 AM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene	0.0527	0.00200	0.0500	0	105	85	115			
Toluene	0.0522	0.00600	0.0500	0	104	85	115			
Ethylbenzene	0.0515	0.00600	0.0500	0	103	85	115			
Xylenes, Total	0.153	0.00900	0.150	0	102	85	115			
Surr: a,a,a-Trifluorotoluene	192		200.0		96.0	87	113			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812147
Project: RRC - Snyder (East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: GC8_081219A

Sample ID:	LCS-32776	Batch ID:	32776		TestNo:		SW8021B		Units:		mg/L
SampType:	LCS	Run ID:	GC8_081219A		Analysis Date:		12/19/08 11:50 AM		Prep Date:		12/19/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene		0.0513	0.00200	0.0500	0	103	81	125			
Toluene		0.0503	0.00600	0.0500	0	101	84	123			
Ethylbenzene		0.0497	0.00600	0.0500	0	99.4	83	119			
Xylenes, Total		0.149	0.00900	0.150	0	99.0	81	117			
Surr: a,a,a-Trifluorotoluene		192		200.0		95.8	87	113			

Sample ID:	MB-32776	Batch ID:	32776		TestNo:		SW8021B		Units:		mg/L
SampType:	MBLK	Run ID:	GC8_081219A		Analysis Date:		12/19/08 12:08 PM		Prep Date:		12/19/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene		ND	0.00200								
Toluene		ND	0.00600								
Ethylbenzene		ND	0.00600								
Xylenes, Total		ND	0.00900								
Surr: a,a,a-Trifluorotoluene		195		200.0		97.3	87	113			

Sample ID:	0812147-13AMS	Batch ID:	32776		TestNo:		SW8021B		Units:		mg/L
SampType:	MS	Run ID:	GC8_081219A		Analysis Date:		12/19/08 03:55 PM		Prep Date:		12/19/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene		0.0547	0.00200	0.0500	0.00163	106	81	125			
Toluene		0.0524	0.00600	0.0500	0	105	84	123			
Ethylbenzene		0.0514	0.00600	0.0500	0	103	83	119			
Xylenes, Total		0.153	0.00900	0.150	0	102	81	117			
Surr: a,a,a-Trifluorotoluene		196		200.0		98.2	87	113			

Sample ID:	0812147-13AMSD	Batch ID:	32776		TestNo:		SW8021B		Units:		mg/L
SampType:	MSD	Run ID:	GC8_081219A		Analysis Date:		12/19/08 04:13 PM		Prep Date:		12/19/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene		0.0541	0.00200	0.0500	0.00163	105	81	125	1.01	20	
Toluene		0.0521	0.00600	0.0500	0	104	84	123	0.659	20	
Ethylbenzene		0.0512	0.00600	0.0500	0	102	83	119	0.314	20	
Xylenes, Total		0.153	0.00900	0.150	0	102	81	117	0.0682	20	
Surr: a,a,a-Trifluorotoluene		192		200.0		95.9	87	113	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812147
Project: RRC - Snyder (East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: GC8_081219A

Sample ID:	ICV-081219	Batch ID:	R41141	TestNo:	SW8021B	Units:	mg/L
SampType:	ICV	Run ID:	GC8_081219A	Analysis Date:	12/19/08 11:09 AM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene	0.103	0.00200	0.100	0	103	85	115			
Toluene	0.101	0.00600	0.100	0	101	85	115			
Ethylbenzene	0.0996	0.00600	0.100	0	99.6	85	115			
Xylenes, Total	0.299	0.00900	0.300	0	99.7	85	115			
Surr: a,a,a-Trifluorotoluene	195		200.0		97.5	87	113			

Sample ID:	CCV1-081219	Batch ID:	R41141	TestNo:	SW8021B	Units:	mg/L
SampType:	CCV	Run ID:	GC8_081219A	Analysis Date:	12/19/08 03:18 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene	0.0537	0.00200	0.0500	0	107	85	115			
Toluene	0.0528	0.00600	0.0500	0	106	85	115			
Ethylbenzene	0.0521	0.00600	0.0500	0	104	85	115			
Xylenes, Total	0.156	0.00900	0.150	0	104	85	115			
Surr: a,a,a-Trifluorotoluene	192		200.0		95.8	87	113			

Sample ID:	CCV2-081219	Batch ID:	R41141	TestNo:	SW8021B	Units:	mg/L
SampType:	CCV	Run ID:	GC8_081219A	Analysis Date:	12/19/08 06:06 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene	0.0537	0.00200	0.0500	0	107	85	115			
Toluene	0.0527	0.00600	0.0500	0	105	85	115			
Ethylbenzene	0.0520	0.00600	0.0500	0	104	85	115			
Xylenes, Total	0.156	0.00900	0.150	0	104	85	115			
Surr: a,a,a-Trifluorotoluene	198		200.0		99.0	87	113			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812147
Project: RRC - Snyder (East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS2_081224A

Sample ID:	MB-32775	Batch ID:	32775		TestNo:		SW6020		Units:		mg/L
SampType:	MBLK	Run ID:	ICP-MS2_081224A		Analysis Date:		12/24/08 01:56 PM		Prep Date:		12/19/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Sodium		ND	0.300								

Sample ID:	LCS-32775	Batch ID:	32775		TestNo:		SW6020		Units:		mg/L
SampType:	LCS	Run ID:	ICP-MS2_081224A		Analysis Date:		12/24/08 02:12 PM		Prep Date:		12/19/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Sodium		5.10	0.300	5.00	0	102	80	120			

Sample ID:	LCSD-32775	Batch ID:	32775		TestNo:		SW6020		Units:		mg/L
SampType:	LCSD	Run ID:	ICP-MS2_081224A		Analysis Date:		12/24/08 02:17 PM		Prep Date:		12/19/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Sodium		5.08	0.300	5.00	0	102	80	120	0.255	15	

Sample ID:	0812147-13C SD	Batch ID:	32775		TestNo:		SW6020		Units:		mg/L
SampType:	SD	Run ID:	ICP-MS2_081224A		Analysis Date:		12/24/08 03:28 PM		Prep Date:		12/19/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Calcium		0	750	0	384				0	10	
Magnesium		0	750	0	90.4				0	10	
Potassium		0	750	0	51.8				0	10	
Sodium		2590	750	0	2490				3.88	10	

Sample ID:	0812147-13C PDS	Batch ID:	32775		TestNo:		SW6020		Units:		mg/L
SampType:	PDS	Run ID:	ICP-MS2_081224A		Analysis Date:		12/24/08 03:34 PM		Prep Date:		12/19/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Calcium		2740	150	2500	384	94.0	75	125			
Magnesium		2620	150	2500	90.4	101	75	125			
Potassium		2370	150	2500	51.8	92.6	75	125			
Sodium		4960	150	2500	2490	98.8	75	125			

Sample ID:	0812147-13C MS	Batch ID:	32775		TestNo:		SW6020		Units:		mg/L
SampType:	MS	Run ID:	ICP-MS2_081224A		Analysis Date:		12/24/08 03:39 PM		Prep Date:		12/19/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Sodium		2440	150	5.00	2490	-910	80	120			S

Sample ID:	0812147-13C MSD	Batch ID:	32775		TestNo:		SW6020		Units:		mg/L
SampType:	MSD	Run ID:	ICP-MS2_081224A		Analysis Date:		12/24/08 03:45 PM		Prep Date:		12/19/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Sodium		2420	150	5.00	2490	-1290	80	120	0.781	15	S

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812147
Project: RRC - Snyder (East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS2_081224A

Sample ID:	ICV1-081224	Batch ID:	R41214	TestNo:	SW6020	Units:	mg/L
SampType:	ICV	Run ID:	ICP-MS2_081224A	Analysis Date:	12/24/08 01:33 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium	0.0994	0.0100	0.100	0	99.4	90	110			
Calcium	2.45	0.300	2.50	0	98.0	90	110			
Iron	2.60	0.150	2.50	0	104	90	110			
Magnesium	2.74	0.300	2.50	0	109	90	110			
Potassium	2.49	0.300	2.50	0	99.7	90	110			
Sodium	2.73	0.300	2.50	0	109	90	110			

Sample ID:	CCV1-081224	Batch ID:	R41214	TestNo:	SW6020	Units:	mg/L
SampType:	CCV	Run ID:	ICP-MS2_081224A	Analysis Date:	12/24/08 02:23 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Calcium	4.94	0.300	5.00	0	98.8	90	110			
Magnesium	5.40	0.300	5.00	0	108	90	110			
Potassium	4.94	0.300	5.00	0	98.7	90	110			
Sodium	5.40	0.300	5.00	0	108	90	110			

Sample ID:	CCV2-081224	Batch ID:	R41214	TestNo:	SW6020	Units:	mg/L
SampType:	CCV	Run ID:	ICP-MS2_081224A	Analysis Date:	12/24/08 03:50 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Calcium	4.99	0.300	5.00	0	99.7	90	110			
Iron	4.93	0.150	5.00	0	98.6	90	110			
Magnesium	5.42	0.300	5.00	0	108	90	110			
Potassium	4.94	0.300	5.00	0	98.9	90	110			
Sodium	5.46	0.300	5.00	0	109	90	110			

Sample ID:	CCV3-081224	Batch ID:	R41214	TestNo:	SW6020	Units:	mg/L
SampType:	CCV	Run ID:	ICP-MS2_081224A	Analysis Date:	12/24/08 05:19 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Calcium	4.91	0.300	5.00	0	98.2	90	110			
Iron	4.88	0.150	5.00	0	97.6	90	110			
Magnesium	5.37	0.300	5.00	0	107	90	110			
Sodium	5.35	0.300	5.00	0	107	90	110			

Sample ID:	CCV4-081224	Batch ID:	R41214	TestNo:	SW6020	Units:	mg/L
SampType:	CCV	Run ID:	ICP-MS2_081224A	Analysis Date:	12/24/08 06:52 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Calcium	4.98	0.300	5.00	0	99.6	90	110			
Magnesium	5.46	0.300	5.00	0	109	90	110			
Sodium	5.45	0.300	5.00	0	109	90	110			

Sample ID:	CCV5-081224	Batch ID:	R41214	TestNo:	SW6020	Units:	mg/L
SampType:	CCV	Run ID:	ICP-MS2_081224A	Analysis Date:	12/24/08 08:04 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Calcium	5.02	0.300	5.00	0	100	90	110			
Iron	5.07	0.150	5.00	0	101	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812147
Project: RRC - Snyder (East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS2_081224A

Magnesium	5.43	0.300	5.00	0	109	90	110	
Potassium	4.99	0.300	5.00	0	99.8	90	110	
Sodium	5.43	0.300	5.00	0	109	90	110	

Sample ID: CCV6-081224 Batch ID: R41214 TestNo: SW6020 Units: mg/L
SampType: CCV Run ID: ICP-MS2_081224A Analysis Date: 12/24/08 10:09 PM Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium	0.200	0.0100	0.200	0	99.8	90	110			
Calcium	5.09	0.300	5.00	0	102	90	110			
Iron	4.68	0.150	5.00	0	93.6	90	110			
Magnesium	5.22	0.300	5.00	0	104	90	110			
Potassium	5.02	0.300	5.00	0	100	90	110			

Sample ID: CCV7-081224 Batch ID: R41214 TestNo: SW6020 Units: mg/L
SampType: CCV Run ID: ICP-MS2_081224A Analysis Date: 12/24/08 11:10 PM Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium	0.199	0.0100	0.200	0	99.6	90	110			
Calcium	5.01	0.300	5.00	0	100	90	110			
Magnesium	5.28	0.300	5.00	0	106	90	110			
Potassium	4.98	0.300	5.00	0	99.7	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812147
Project: RRC - Snyder (East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS3_081219A

Sample ID:	MB-32775	Batch ID:	32775		TestNo:		SW6020		Units:		mg/L
SampType:	MBLK	Run ID:	ICP-MS3_081219A		Analysis Date:		12/19/08 05:13 PM		Prep Date:		12/19/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium		ND	0.0100								
Calcium		ND	0.300								
Iron		ND	0.150								
Magnesium		ND	0.300								
Potassium		ND	0.300								

Sample ID:	LCS-32775	Batch ID:	32775		TestNo:		SW6020		Units:		mg/L
SampType:	LCS	Run ID:	ICP-MS3_081219A		Analysis Date:		12/19/08 05:28 PM		Prep Date:		12/19/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium		0.205	0.0100	0.200	0	102	80	120			
Calcium		4.79	0.300	5.00	0	95.9	80	120			
Iron		5.00	0.150	5.00	0	100	80	120			
Magnesium		4.69	0.300	5.00	0	93.8	80	120			
Potassium		5.00	0.300	5.00	0	100	80	120			

Sample ID:	LCSD-32775	Batch ID:	32775		TestNo:		SW6020		Units:		mg/L
SampType:	LCSD	Run ID:	ICP-MS3_081219A		Analysis Date:		12/19/08 05:33 PM		Prep Date:		12/19/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium		0.206	0.0100	0.200	0	103	80	120	0.779	15	
Calcium		4.87	0.300	5.00	0	97.4	80	120	1.55	15	
Iron		5.03	0.150	5.00	0	101	80	120	0.498	15	
Magnesium		4.73	0.300	5.00	0	94.7	80	120	0.934	15	
Potassium		5.09	0.300	5.00	0	102	80	120	1.71	15	

Sample ID:	0812147-13C SD	Batch ID:	32775		TestNo:		SW6020		Units:		mg/L
SampType:	SD	Run ID:	ICP-MS3_081219A		Analysis Date:		12/19/08 06:35 PM		Prep Date:		12/19/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium		0.0915	0.0500	0	0.0864				5.64	10	

Sample ID:	0812147-13C PDS	Batch ID:	32775		TestNo:		SW6020		Units:		mg/L
SampType:	PDS	Run ID:	ICP-MS3_081219A		Analysis Date:		12/19/08 06:40 PM		Prep Date:		12/19/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium		0.279	0.0100	0.200	0.0864	96.2	75	125			

Sample ID:	0812147-13C MS	Batch ID:	32775		TestNo:		SW6020		Units:		mg/L
SampType:	MS	Run ID:	ICP-MS3_081219A		Analysis Date:		12/19/08 06:45 PM		Prep Date:		12/19/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium		0.292	0.0100	0.200	0.0864	103	80	120			
Calcium		410	0.300	5.00	387	464	80	120			S
Iron		24.0	0.150	5.00	18.4	111	80	120			
Magnesium		85.1	0.300	5.00	73.8	226	80	120			S
Potassium		55.7	0.300	5.00	49.5	124	80	120			S

Sample ID:	0812147-13C MSD	Batch ID:	32775	TestNo:	SW6020	Units:	mg/L

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812147
Project: RRC - Snyder (East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS3_081219A

SampType: MSD | Run ID: ICP-MS3_081219A | Analysis Date: 12/19/08 06:50 PM | Prep Date: 12/19/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium	0.290	0.0100	0.200	0.0864	102	80	120	0.755	15	
Calcium	404	0.300	5.00	387	342	80	120	1.50	15	S
Iron	24.7	0.150	5.00	18.4	126	80	120	3.04	15	S
Magnesium	83.3	0.300	5.00	73.8	190	80	120	2.15	15	S
Potassium	54.4	0.300	5.00	49.5	98.0	80	120	2.34	15	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812147
Project: RRC - Snyder (East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS3_081219A

Sample ID:	ICV1-081218	Batch ID:	R41150	TestNo:	SW6020	Units:	mg/L
SampType:	ICV	Run ID:	ICP-MS3_081219A	Analysis Date:	12/19/08 03:07 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium	0.0991	0.0100	0.100	0	99.1	90	110			
Calcium	2.49	0.300	2.50	0	99.7	90	110			
Iron	2.62	0.150	2.50	0	105	90	110			
Magnesium	2.49	0.300	2.50	0	99.5	90	110			
Potassium	2.52	0.300	2.50	0	101	90	110			
Sodium	2.48	0.300	2.50	0	99.4	90	110			

Sample ID:	CCV1-081219	Batch ID:	R41150	TestNo:	SW6020	Units:	mg/L
SampType:	CCV	Run ID:	ICP-MS3_081219A	Analysis Date:	12/19/08 04:46 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium	0.209	0.0100	0.200	0	105	90	110			
Calcium	5.13	0.300	5.00	0	103	90	110			
Iron	5.04	0.150	5.00	0	101	90	110			
Magnesium	5.06	0.300	5.00	0	101	90	110			
Potassium	5.32	0.300	5.00	0	106	90	110			
Sodium	5.14	0.300	5.00	0	103	90	110			

Sample ID:	CCV2-081219	Batch ID:	R41150	TestNo:	SW6020	Units:	mg/L
SampType:	CCV	Run ID:	ICP-MS3_081219A	Analysis Date:	12/19/08 06:04 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium	0.218	0.0100	0.200	0	109	90	110			
Calcium	5.28	0.300	5.00	0	106	90	110			
Iron	5.08	0.150	5.00	0	102	90	110			
Magnesium	5.33	0.300	5.00	0	107	90	110			
Potassium	5.42	0.300	5.00	0	108	90	110			

Sample ID:	CCV3-081219	Batch ID:	R41150	TestNo:	SW6020	Units:	mg/L
SampType:	CCV	Run ID:	ICP-MS3_081219A	Analysis Date:	12/19/08 07:36 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium	0.209	0.0100	0.200	0	105	90	110			
Calcium	4.93	0.300	5.00	0	98.6	90	110			
Iron	4.90	0.150	5.00	0	98.1	90	110			
Magnesium	4.92	0.300	5.00	0	98.3	90	110			
Potassium	5.18	0.300	5.00	0	104	90	110			

Sample ID:	CCV4-081219	Batch ID:	R41150	TestNo:	SW6020	Units:	mg/L
SampType:	CCV	Run ID:	ICP-MS3_081219A	Analysis Date:	12/19/08 08:58 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium	0.215	0.0100	0.200	0	108	90	110			
Iron	4.89	0.150	5.00	0	97.8	90	110			
Potassium	5.33	0.300	5.00	0	107	90	110			

Sample ID:	CCV5-081219	Batch ID:	R41150	TestNo:	SW6020	Units:	mg/L
SampType:	CCV	Run ID:	ICP-MS3_081219A	Analysis Date:	12/19/08 10:36 PM	Prep Date:	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812147
Project: RRC - Snyder (East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS3_081219A

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium	0.198	0.0100	0.200	0	98.8	90	110			
Iron	5.16	0.150	5.00	0	103	90	110			
Potassium	5.33	0.300	5.00	0	107	90	110			

Sample ID: CCV6-081219 Batch ID: R41150 TestNo: SW6020 Units: mg/L
SampType: CCV Run ID: ICP-MS3_081219A Analysis Date: 12/19/08 11:32 PM Prep Date:

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium	0.211	0.0100	0.200	0	106	90	110			
Iron	5.11	0.150	5.00	0	102	90	110			
Potassium	5.31	0.300	5.00	0	106	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812147
Project: RRC - Snyder (East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS3_081229A

Sample ID:	0812147-13C SD	Batch ID:	32775		TestNo:		SW6020		Units:		mg/L
SampType:	SD	Run ID:	ICP-MS3_081229A		Analysis Date:		12/29/08 04:16 PM		Prep Date:		12/19/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Iron		25.0	37.5	0	22.8				9.14	10	

Sample ID:	0812147-13C PDS	Batch ID:	32775		TestNo:		SW6020		Units:		mg/L
SampType:	PDS	Run ID:	ICP-MS3_081229A		Analysis Date:		12/29/08 04:21 PM		Prep Date:		12/19/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Iron		257	7.50	250	22.8	93.7	75	125			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812147
Project: RRC - Snyder (East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS3_081229A

Sample ID:	ICV1-081229	Batch ID:	R41230	TestNo:		SW6020		Units:	mg/L	
SampType:	ICV	Run ID:	ICP-MS3_081229A	Analysis Date:		12/29/08 01:55 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit Qual
Barium		0.100	0.0100	0.100	0	100	90	110		
Iron		2.62	0.150	2.50	0	105	90	110		

Sample ID:	CCV1-081229	Batch ID:	R41230	TestNo:		SW6020		Units:	mg/L	
SampType:	CCV	Run ID:	ICP-MS3_081229A	Analysis Date:		12/29/08 02:51 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit Qual
Iron		4.91	0.150	5.00	0	98.2	90	110		

Sample ID:	CCV2-081229	Batch ID:	R41230	TestNo:		SW6020		Units:	mg/L	
SampType:	CCV	Run ID:	ICP-MS3_081229A	Analysis Date:		12/29/08 04:31 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit Qual
Barium		0.201	0.0100	0.200	0	101	90	110		
Iron		4.82	0.150	5.00	0	96.4	90	110		

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812147
Project: RRC - Snyder (East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: IC_081219A

Sample ID:	ICV-081219	Batch ID:	R41133		TestNo:		E300		Units:		mg/L
SampType:	ICV	Run ID:	IC_081219A		Analysis Date:		12/19/08 09:03 AM		Prep Date:		12/19/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride		24.3	1.00	25.00	0	97.2	90	110			
Sulfate		75.7	3.00	75.00	0	101	90	110			

Sample ID:	LCS-081219	Batch ID:	R41133		TestNo:		E300		Units:		mg/L
SampType:	LCS	Run ID:	IC_081219A		Analysis Date:		12/19/08 09:28 AM		Prep Date:		12/19/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride		9.63	1.00	10.00	0	96.3	90	110			
Sulfate		30.6	3.00	30.00	0	102	90	110			

Sample ID:	LCSD-081219	Batch ID:	R41133		TestNo:		E300		Units:		mg/L
SampType:	LCSD	Run ID:	IC_081219A		Analysis Date:		12/19/08 09:44 AM		Prep Date:		12/19/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride		9.65	1.00	10.00	0	96.5	90	110	0.209	20	
Sulfate		30.7	3.00	30.00	0	102	90	110	0.397	20	

Sample ID:	MB-081219	Batch ID:	R41133		TestNo:		E300		Units:		mg/L
SampType:	MBLK	Run ID:	IC_081219A		Analysis Date:		12/19/08 10:21 AM		Prep Date:		12/19/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride		ND	1.00								
Sulfate		ND	3.00								

Sample ID:	0812147-11D MS	Batch ID:	R41133		TestNo:		E300		Units:		mg/L
SampType:	MS	Run ID:	IC_081219A		Analysis Date:		12/19/08 11:58 AM		Prep Date:		12/19/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride		1710	100	1000	757.3	95.1	90	110			

Sample ID:	0812147-11D MSD	Batch ID:	R41133		TestNo:		E300		Units:		mg/L
SampType:	MSD	Run ID:	IC_081219A		Analysis Date:		12/19/08 12:13 PM		Prep Date:		12/19/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride		1710	100	1000	757.3	94.9	90	110	0.148	20	

Sample ID:	CCV1-081219	Batch ID:	R41133		TestNo:		E300		Units:		mg/L
SampType:	CCV	Run ID:	IC_081219A		Analysis Date:		12/19/08 12:28 PM		Prep Date:		12/19/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride		9.37	1.00	10.00	0	93.7	90	110			
Sulfate		29.3	3.00	30.00	0	97.6	90	110			

Sample ID:	0812147-11D MS	Batch ID:	R41133		TestNo:		E300		Units:		mg/L
SampType:	MS	Run ID:	IC_081219A		Analysis Date:		12/19/08 01:19 PM		Prep Date:		12/19/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Sulfate		606	30.0	300.0	310.1	98.7	90	110			

Sample ID:	0812147-11D MSD	Batch ID:	R41133		TestNo:		E300		Units:		mg/L
SampType:	MSD	Run ID:	IC_081219A		Analysis Date:		12/19/08 01:35 PM		Prep Date:		12/19/08

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812147
Project: RRC - Snyder (East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: IC_081219A

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Sulfate	607	30.0	300.0	310.1	98.8	90	110	0.0264	20	

Sample ID:	CCV2-081219	Batch ID:	R41133	TestNo:	E300	Units:	mg/L
SampType:	CCV	Run ID:	IC_081219A	Analysis Date:	12/19/08 02:12 PM	Prep Date:	12/19/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	9.44	1.00	10.00	0	94.4	90	110			
Sulfate	29.2	3.00	30.00	0	97.3	90	110			

Sample ID:	CCV3-081219	Batch ID:	R41133	TestNo:	E300	Units:	mg/L
SampType:	CCV	Run ID:	IC_081219A	Analysis Date:	12/19/08 03:47 PM	Prep Date:	12/19/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	9.44	1.00	10.00	0	94.4	90	110			
Sulfate	29.3	3.00	30.00	0	97.7	90	110			
Chloride	9.44	1.00	10.00	0	94.4	90	110			
Sulfate	29.4	3.00	30.00	0	98.0	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812147
Project: RRC - Snyder (East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: IC2_081219A

Sample ID:	ICV-081219	Batch ID:	R41135		TestNo:	E300		Units:	mg/L	
SampType:	ICV	Run ID:	IC2_081219A		Analysis Date:	12/19/08 09:00 AM		Prep Date:	12/19/08	
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	25.3	1.00	25.00	0	101	90	110			
Sulfate	75.7	3.00	75.00	0	101	90	110			

Sample ID:	LCS-081219	Batch ID:	R41135		TestNo:	E300		Units:	mg/L	
SampType:	LCS	Run ID:	IC2_081219A		Analysis Date:	12/19/08 09:28 AM		Prep Date:	12/19/08	
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	9.99	1.00	10.00	0	99.9	90	110			
Sulfate	30.2	3.00	30.00	0	101	90	110			

Sample ID:	LCSD-081219	Batch ID:	R41135		TestNo:	E300		Units:	mg/L	
SampType:	LCSD	Run ID:	IC2_081219A		Analysis Date:	12/19/08 09:43 AM		Prep Date:	12/19/08	
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	9.97	1.00	10.00	0	99.7	90	110	0.207	20	
Sulfate	30.3	3.00	30.00	0	101	90	110	0.0255	20	

Sample ID:	0812147-02D MS	Batch ID:	R41135		TestNo:	E300		Units:	mg/L	
SampType:	MS	Run ID:	IC2_081219A		Analysis Date:	12/19/08 11:27 AM		Prep Date:	12/19/08	
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	309	10.0	100.0	207.9	101	90	110			
Sulfate	517	30.0	300.0	218.5	99.4	90	110			

Sample ID:	0812147-02D MSD	Batch ID:	R41135		TestNo:	E300		Units:	mg/L	
SampType:	MSD	Run ID:	IC2_081219A		Analysis Date:	12/19/08 11:41 AM		Prep Date:	12/19/08	
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	308	10.0	100.0	207.9	100	90	110	0.139	20	
Sulfate	517	30.0	300.0	218.5	99.6	90	110	0.148	20	

Sample ID:	CCV1-081219	Batch ID:	R41135		TestNo:	E300		Units:	mg/L	
SampType:	CCV	Run ID:	IC2_081219A		Analysis Date:	12/19/08 11:56 AM		Prep Date:	12/19/08	
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	9.66	1.00	10.00	0	96.6	90	110			
Sulfate	29.3	3.00	30.00	0	97.7	90	110			

Sample ID:	MB-081219	Batch ID:	R41135		TestNo:	E300		Units:	mg/L	
SampType:	MBLK	Run ID:	IC2_081219A		Analysis Date:	12/19/08 12:25 PM		Prep Date:	12/19/08	
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	ND	1.00								
Sulfate	ND	3.00								

Sample ID:	CCV2-081219	Batch ID:	R41135		TestNo:	E300		Units:	mg/L	
SampType:	CCV	Run ID:	IC2_081219A		Analysis Date:	12/19/08 02:54 PM		Prep Date:	12/19/08	
Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	9.73	1.00	10.00	0	97.3	90	110			
Sulfate	29.4	3.00	30.00	0	98.1	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812147
Project: RRC - Snyder (East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: IC2_081231A

Sample ID:	ICV-081231	Batch ID:	R41251		TestNo:		E300		Units:		mg/L
SampType:	ICV	Run ID:	IC2_081231A		Analysis Date:		12/31/08 09:21 AM		Prep Date:		12/31/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride		24.6	1.00	25.00	0	98.6	90	110			

Sample ID:	LCS-081231	Batch ID:	R41251		TestNo:		E300		Units:		mg/L
SampType:	LCS	Run ID:	IC2_081231A		Analysis Date:		12/31/08 09:59 AM		Prep Date:		12/31/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride		9.26	1.00	10.00	0	92.6	90	110			

Sample ID:	LCSD-081231	Batch ID:	R41251		TestNo:		E300		Units:		mg/L
SampType:	LCSD	Run ID:	IC2_081231A		Analysis Date:		12/31/08 10:14 AM		Prep Date:		12/31/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride		9.21	1.00	10.00	0	92.1	90	110	0.510	20	

Sample ID:	MB-081231	Batch ID:	R41251		TestNo:		E300		Units:		mg/L
SampType:	MBLK	Run ID:	IC2_081231A		Analysis Date:		12/31/08 10:29 AM		Prep Date:		12/31/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride		ND	1.00								

Sample ID:	CCV1-081231	Batch ID:	R41251		TestNo:		E300		Units:		mg/L
SampType:	CCV	Run ID:	IC2_081231A		Analysis Date:		12/31/08 01:46 PM		Prep Date:		12/31/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride		9.34	1.00	10.00	0	93.4	90	110			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812147
Project: RRC - Snyder (East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: TITRATOR_081222B

Sample ID:	ICV-081222	Batch ID:	R41163	TestNo:	M2320 B	Units:	mg/L
SampType:	ICV	Run ID:	TITRATOR_081222B	Analysis Date:	12/22/08 03:45 PM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Alkalinity, Bicarbonate (As CaCO3)	6.00	20.0	0							
Alkalinity, Carbonate (As CaCO3)	93.8	20.0	0							
Alkalinity, Hydroxide (As CaCO3)	0	20.0	0							
Alkalinity, Total (As CaCO3)	99.8	20.0	100.0	0	99.8	98	102			

Sample ID:	MB-081222	Batch ID:	R41163	TestNo:	M2320 B	Units:	mg/L
SampType:	MBLK	Run ID:	TITRATOR_081222B	Analysis Date:	12/22/08 03:47 PM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Alkalinity, Bicarbonate (As CaCO3)	ND	20.0								
Alkalinity, Carbonate (As CaCO3)	ND	20.0								
Alkalinity, Hydroxide (As CaCO3)	ND	20.0								
Alkalinity, Total (As CaCO3)	ND	20.0								

Sample ID:	LCS-081222	Batch ID:	R41163	TestNo:	M2320 B	Units:	mg/L
SampType:	LCS	Run ID:	TITRATOR_081222B	Analysis Date:	12/22/08 03:50 PM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Alkalinity, Total (As CaCO3)	54.6	20.0	50.00	0	109	74	129			

Sample ID:	0812147-01D DUP	Batch ID:	R41163	TestNo:	M2320 B	Units:	mg/L
SampType:	DUP	Run ID:	TITRATOR_081222B	Analysis Date:	12/22/08 04:03 PM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Alkalinity, Bicarbonate (As CaCO3)	320	20.0	0	323.0				0.933	20	
Alkalinity, Carbonate (As CaCO3)	0	20.0	0	0				0	20	
Alkalinity, Hydroxide (As CaCO3)	0	20.0	0	0				0	20	
Alkalinity, Total (As CaCO3)	320	20.0	0	323.0				0.933	20	

Sample ID:	CCV1-081222	Batch ID:	R41163	TestNo:	M2320 B	Units:	mg/L
SampType:	CCV	Run ID:	TITRATOR_081222B	Analysis Date:	12/22/08 04:47 PM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Alkalinity, Bicarbonate (As CaCO3)	13.5	20.0	0							
Alkalinity, Carbonate (As CaCO3)	88.2	20.0	0							
Alkalinity, Hydroxide (As CaCO3)	0	20.0	0							
Alkalinity, Total (As CaCO3)	102	20.0	100.0	0	102	90	110			

Sample ID:	0812147-13D DUP	Batch ID:	R41163	TestNo:	M2320 B	Units:	mg/L
SampType:	DUP	Run ID:	TITRATOR_081222B	Analysis Date:	12/22/08 05:27 PM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Alkalinity, Bicarbonate (As CaCO3)	207	20.0	0	208.6				0.818	20	
Alkalinity, Carbonate (As CaCO3)	0	20.0	0	0				0	20	
Alkalinity, Hydroxide (As CaCO3)	0	20.0	0	0				0	20	
Alkalinity, Total (As CaCO3)	207	20.0	0	208.6				0.818	20	

Sample ID:	CCV2-081222	Batch ID:	R41163	TestNo:	M2320 B	Units:	mg/L
SampType:	CCV	Run ID:	TITRATOR_081222B	Analysis Date:	12/22/08 05:33 PM	Prep Date:	12/22/08

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812147
Project: RRC - Snyder (East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: TITRATOR_081222B

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Alkalinity, Bicarbonate (As CaCO3)	17.6	20.0	0							
Alkalinity, Carbonate (As CaCO3)	86.9	20.0	0							
Alkalinity, Hydroxide (As CaCO3)	0	20.0	0							
Alkalinity, Total (As CaCO3)	104	20.0	100.0	0	104	90	110			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812147
Project: RRC - Snyder (East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: WC_081222A

Sample ID:	MB-081222	Batch ID:	TDS_W-12/22/08	TestNo:	M2540C			Units:	mg/L		
SampType:	MBLK	Run ID:	WC_081222A	Analysis Date:	12/22/08 10:15 AM			Prep Date:	12/22/08		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Fi		ND	10.0								

Sample ID:	LCS-081222	Batch ID:	TDS_W-12/22/08	TestNo:	M2540C			Units:	mg/L		
SampType:	LCS	Run ID:	WC_081222A	Analysis Date:	12/22/08 10:15 AM			Prep Date:	12/22/08		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Fi		778	10.0	745.6	0	104	90	113			

Sample ID:	0812146-15D DUP	Batch ID:	TDS_W-12/22/08	TestNo:	M2540C			Units:	mg/L		
SampType:	DUP	Run ID:	WC_081222A	Analysis Date:	12/22/08 10:15 AM			Prep Date:	12/22/08		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Fi		5080	10.0	0	5180				1.85	5	

Sample ID:	0812147-12D DUP	Batch ID:	TDS_W-12/22/08	TestNo:	M2540C			Units:	mg/L		
SampType:	DUP	Run ID:	WC_081222A	Analysis Date:	12/22/08 10:15 AM			Prep Date:	12/22/08		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Fi		16100	10.0	0	16320				1.48	5	

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

DHL ANALYTICAL

January 07, 2009

Barrett Clark
TRC Environmental Corp.
505 East Huntland Drive Suite 250
Austin, Texas 78752

TEL: (512) 329-6080
FAX: (512) 329-8750

Order No: 0812178

RE: RRC - EOD (Snyder East O'Daniel)

Dear Barrett Clark:

DHL Analytical received 8 sample(s) on 12/19/2008 for the analyses presented in the following report.

There were no problems with the analyses and all data met requirements of NELAC except where noted in the Case Narrative. All non-NELAC methods will be identified accordingly in the case narrative and all estimated uncertainties of test results are within method or EPA specifications.

If you have any questions regarding these tests results, please feel free to call. Thank you for using DHL Analytical.

Sincerely,

John DuPont
Lab Manager

This report was performed under the accreditation of the State of Texas Laboratory Certification Number: T104704211-08A-TX

ACCREDITED IN ACCORDANCE WITH nelac

Table of Contents

DHL ANALYTICAL

2300 Double Creek Drive • Round Rock, TX 78664
Phone (512) 388-8222 • FAX (512) 388-8229

№ 38959

CHAIN-OF-CUSTODY

CLIENT: TRC
ADDRESS: 505 E. Huntland Dr
PHONE: 512-329-6080 FAX 512-329-8750
DATA REPORTED TO: B. Clark
ADDITIONAL REPORT COPIES TO: J. Harte

DATE: 12/18/08 PAGE 1 OF 1
PO #: DHL WORK ORDER #: 0812178
PROJECT LOCATION OR NAME: RRC-EOD (Snyder; Gasto Dist)
CLIENT PROJECT #: 165296 COLLECTOR: BCRK

Authorize 5% surcharge for TRRP report? ☐ Yes ☒ No

S=SOIL P=PAINT W=WATER SL=SLUDGE A=AIR OT=OTHER

Field Sample I.D.	DHL Lab #	Date	Time	Matrix	Container Type	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESERVED	BTEX ☒ MTBE ☐	TRPH 418.1 ☐ TPH 1005 ☒ TPH 1006 ☐	GASOLINE MOD 8015 ☐	DIESEL - MOD 8015 ☐	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TCLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☒ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDE ☐ ANIONS ☐ ALKALINITY ☒ (carbonate, bicarbonate)	ANIONS (Chloride, Sulfate)	CATIONS (Ca, Na, Mg, K, Fe)		FIELD NOTES
E-SS-38	01	12/18/08	945	W	500, 40mL	8	X	X		X	X	X	X												X			X	X	X		*TRRP Limits*
E-SS-57	02	↓	1030	W	↓	8	X	X		X	X	X	X												X			X	X	X		
E-SS-56	03	↓	1100	W	↓	8	X	X		X	X	X	X												X			X	X	X		
E-SS-55	04	↓	1130	W	↓	8	X	X		X	X	X	X												X			X	X	X		
BEG-MW-06	05	↓	1330	W	↓	8	X	X		X	X	X	X												X			X	X	X		
BEG-MW-06-D	06	↓	1330	W	↓	8	X	X		X	X	X	X												X			X	X	X		
BEG-MW-01	07	12/18/08	915	W	↓	8	X	X		X	X	X	X												X			X	X	X		
E-TB-12-18-08-01	08	↓	-	W	40mL	2	X			X		X																				Trip Blank

TOTAL

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
[signature]	12/18/08 1530	[signature]
[signature]	12/18/08 1530	Fed Ex
Fed Ex	12/19/08 13:45	[signature]

☐ DHL DISPOSAL @ $5.00 each ☐ Return

TURN AROUND TIME
RUSH ☐ CALL FIRST
1 DAY ☐ CALL FIRST
2 DAY ☐
NORMAL ☒
OTHER ☐ ____

LABORATORY USE ONLY:
RECEIVING TEMP: 2.3 THERM #: 57
CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED
☒ CARRIER BILL # Fed Ex
☐ APC DELIVERY
☐ HAND DELIVERED

FedEx Express US Airbill

8681 5800 9725

0200

Form ID No.

FedEx Retrieval Copy

fedex.com 1.800.GoFedEx 1.800.463.3339

1 From

Date 12/4/08 Sender's FedEx Account Number 1402466 9

Sender's Name Barrett Clark Phone 512 329-6080

Company TRC

Address 505 E. Huntland Dr 250 Dept./Floor/Suite/Room

City Austin State TX ZIP 78752

2 Your Internal Billing Reference 165296.000002

3 To

Recipient's Name Receiving Phone 512 388-8222

Company DFL Analytical

Recipient's Address

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address 2300 Double Creek Dr

To request a package be held at a specific FedEx location, print FedEx address here.

City Round Rock State TX ZIP 78664

8681 5800 9725

4a Express Package Service — Packages up to 150 lbs.

1 ☐ FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

5 ☐ FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.

6 ☐ FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.

3 ☐ FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

20 ☐ FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service — Packages over 150 lbs.

7 ☐ FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

8 ☐ FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

83 ☐ FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: ** To most locations.

5 Packaging

6 ☐ FedEx Envelope* 2 ☐ FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak. 3 ☐ FedEx Box 4 ☐ FedEx Tube 1 ☒ Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

3 ☐ SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.

1 ☐ HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.

31 ☐ HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

1 ☒ No 2 ☐ Yes — As per attached Shipper's Declaration. 3 ☐ Yes — Shipper's Declaration not required. 6 ☐ Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging. ☐ Cargo Aircraft Only

7 Payment Bill to:

1 ☒ Sender — Acct. No. in Section 1 will be billed. 2 ☐ Recipient 3 ☐ Third Party 4 ☐ Credit Card 5 ☐ Cash/Check

Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. ☐

Total Packages 3 Total Weight 175

[redacted]

Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details. Credit Card Auth.

8 Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

☐ No Signature Required — Package may be left without obtaining a signature for delivery.

10 ☐ Direct Signature — Someone at recipient's address may sign for delivery. See surcharges.

34 ☐ Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. Fee applies.

520

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CUSTODY SEAL

DATE 12/5/08

SIGNATURE

QEC

Quality Environmental Containers

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DHL Analytical

Sample Receipt Checklist

Client Name **TRC Environmental Corp.** Date Received: **12/19/2008**

Work Order Number **0812178** Received by **JB**

Checklist completed by: Signature 12/19/08 Date Reviewed by Initials 12/19/08 Date

Carrier name: FedEx 1day

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	Not Applicable ☐

Adjusted? NO Checked by

Any No response must be detailed in the comments section below.

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Page 1 of 1

CLIENT: TRC Environmental Corp.
Project: RRC - EOD (Snyder East O'Daniel)
Lab Order: 0812178

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition.

Method SW6020 - Metals Analysis
Method SW8021B - Volatile Organics by GC
Method E300 - Anions Analysis
Method Tx1005 - Total Petroleum Hydrocarbons
Method M2320 B (18th Edition) - Alkalinity Analysis
Method M2540C (18th Edition) - TDS Analysis

LOG IN

Samples were received and log-in performed on 12/19/08. A total of 8 samples were received. The samples arrived in good condition and were properly packaged.

METALS ANALYSIS

For Metals analysis performed on 12/30/08 the matrix spike and matrix spike duplicate recoveries were above control limits for some analytes. These are flagged accordingly in the QC summary report. The reference sample selected for the matrix spike and matrix spike duplicate was from this work order. The LCS was within control limits for these analytes. No further corrective actions were taken.

CLIENT: TRC Environmental Corp.
Project: RRC - EOD (Snyder East O'Daniel)
Lab Order: 0812178

Work Order Sample Summary

Lab Smp ID	Client Sample ID	Tag Number	Date Collected	Date Recv'd
0812178-01	E-SS-58		12/17/08 09:45 AM	12/19/08
0812178-02	E-SS-57		12/17/08 10:30 AM	12/19/08
0812178-03	E-SS-56		12/17/08 11:00 AM	12/19/08
0812178-04	E-SS-55		12/17/08 11:30 AM	12/19/08
0812178-05	BEG-MW-06		12/17/08 01:30 PM	12/19/08
0812178-06	BEG-MW-06D		12/17/08 01:30 PM	12/19/08
0812178-07	BEG-MW-01		12/18/08 09:15 AM	12/19/08
0812178-08	E-TB-12-18-08-01		12/18/08	12/19/08

CLIENT: TRC Environmental Corp.
Project: RRC - EOD (Snyder East O'Daniel)
Lab Order: 0812178

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
0812178-01A	E-SS-58	12/17/08 09:45 AM	Aqueous	SW5030B	Purge and Trap Water GC	12/22/08 04:47 PM	32815
0812178-01B	E-SS-58	12/17/08 09:45 AM	Aqueous	TX1005	TX1005 Water Prep	12/23/08 09:56 AM	32822
0812178-01C	E-SS-58	12/17/08 09:45 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:45 AM	32792
	E-SS-58	12/17/08 09:45 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:45 AM	32792
	E-SS-58	12/17/08 09:45 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:45 AM	32792
0812178-01D	E-SS-58	12/17/08 09:45 AM	Aqueous	E300	Anions by IC method - Water	12/22/08	R41158
	E-SS-58	12/17/08 09:45 AM	Aqueous	E300	Anions by IC method - Water	12/22/08	R41158
	E-SS-58	12/17/08 09:45 AM	Aqueous	E300	Anions by IC method - Water	01/06/09	R41292
	E-SS-58	12/17/08 09:45 AM	Aqueous	M2320 B	Alkalinity	12/23/08 04:27 PM	R41186
	E-SS-58	12/17/08 09:45 AM	Aqueous	M2540C	Total Dissolved Solids	12/22/08	TDS_W-12/22/08
0812178-02A	E-SS-57	12/17/08 10:30 AM	Aqueous	SW5030B	Purge and Trap Water GC	12/22/08 04:47 PM	32815
0812178-02B	E-SS-57	12/17/08 10:30 AM	Aqueous	TX1005	TX1005 Water Prep	12/23/08 09:56 AM	32822
0812178-02C	E-SS-57	12/17/08 10:30 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:45 AM	32792
	E-SS-57	12/17/08 10:30 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:45 AM	32792
	E-SS-57	12/17/08 10:30 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:45 AM	32792
0812178-02D	E-SS-57	12/17/08 10:30 AM	Aqueous	E300	Anions by IC method - Water	12/22/08	R41158
	E-SS-57	12/17/08 10:30 AM	Aqueous	E300	Anions by IC method - Water	12/22/08	R41158
	E-SS-57	12/17/08 10:30 AM	Aqueous	E300	Anions by IC method - Water	01/06/09	R41292
	E-SS-57	12/17/08 10:30 AM	Aqueous	M2320 B	Alkalinity	12/23/08 04:34 PM	R41186
	E-SS-57	12/17/08 10:30 AM	Aqueous	M2540C	Total Dissolved Solids	12/22/08	TDS_W-12/22/08
0812178-03A	E-SS-56	12/17/08 11:00 AM	Aqueous	SW5030B	Purge and Trap Water GC	12/22/08 04:47 PM	32815
0812178-03B	E-SS-56	12/17/08 11:00 AM	Aqueous	TX1005	TX1005 Water Prep	12/23/08 09:56 AM	32822
0812178-03C	E-SS-56	12/17/08 11:00 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:45 AM	32792
	E-SS-56	12/17/08 11:00 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:45 AM	32792
	E-SS-56	12/17/08 11:00 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:45 AM	32792
	E-SS-56	12/17/08 11:00 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:45 AM	32792
	E-SS-56	12/17/08 11:00 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:45 AM	32792
0812178-03D	E-SS-56	12/17/08 11:00 AM	Aqueous	E300	Anions by IC method - Water	12/22/08	R41158
	E-SS-56	12/17/08 11:00 AM	Aqueous	E300	Anions by IC method - Water	12/22/08	R41158

CLIENT: TRC Environmental Corp.
Project: RRC - EOD (Snyder East O'Daniel)
Lab Order: 0812178

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
	E-SS-56	12/17/08 11:00 AM	Aqueous	E300	Anions by IC method - Water	01/06/09	R41292
	E-SS-56	12/17/08 11:00 AM	Aqueous	M2320 B	Alkalinity	12/23/08 04:41 PM	R41186
	E-SS-56	12/17/08 11:00 AM	Aqueous	M2540C	Total Dissolved Solids	12/22/08	TDS_W-12/22/08
0812178-04A	E-SS-55	12/17/08 11:30 AM	Aqueous	SW5030B	Purge and Trap Water GC	12/22/08 04:47 PM	32815
0812178-04B	E-SS-55	12/17/08 11:30 AM	Aqueous	TX1005	TX1005 Water Prep	12/23/08 09:56 AM	32822
0812178-04C	E-SS-55	12/17/08 11:30 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:45 AM	32792
	E-SS-55	12/17/08 11:30 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:45 AM	32792
	E-SS-55	12/17/08 11:30 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:45 AM	32792
0812178-04D	E-SS-55	12/17/08 11:30 AM	Aqueous	E300	Anions by IC method - Water	12/22/08	R41158
	E-SS-55	12/17/08 11:30 AM	Aqueous	E300	Anions by IC method - Water	12/22/08	R41158
	E-SS-55	12/17/08 11:30 AM	Aqueous	E300	Anions by IC method - Water	01/06/09	R41292
	E-SS-55	12/17/08 11:30 AM	Aqueous	M2320 B	Alkalinity	12/23/08 04:51 PM	R41186
	E-SS-55	12/17/08 11:30 AM	Aqueous	M2540C	Total Dissolved Solids	12/22/08	TDS_W-12/22/08
0812178-05A	BEG-MW-06	12/17/08 01:30 PM	Aqueous	SW5030B	Purge and Trap Water GC	12/22/08 04:47 PM	32815
0812178-05B	BEG-MW-06	12/17/08 01:30 PM	Aqueous	TX1005	TX1005 Water Prep	12/23/08 09:56 AM	32822
0812178-05C	BEG-MW-06	12/17/08 01:30 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:45 AM	32792
	BEG-MW-06	12/17/08 01:30 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:45 AM	32792
	BEG-MW-06	12/17/08 01:30 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:45 AM	32792
0812178-05D	BEG-MW-06	12/17/08 01:30 PM	Aqueous	E300	Anions by IC method - Water	12/22/08	R41158
	BEG-MW-06	12/17/08 01:30 PM	Aqueous	E300	Anions by IC method - Water	12/22/08	R41158
	BEG-MW-06	12/17/08 01:30 PM	Aqueous	E300	Anions by IC method - Water	01/06/09	R41292
	BEG-MW-06	12/17/08 01:30 PM	Aqueous	M2320 B	Alkalinity	12/23/08 04:59 PM	R41186
	BEG-MW-06	12/17/08 01:30 PM	Aqueous	M2540C	Total Dissolved Solids	12/22/08	TDS_W-12/22/08
0812178-06A	BEG-MW-06D	12/17/08 01:30 PM	Aqueous	SW5030B	Purge and Trap Water GC	12/22/08 04:47 PM	32815
0812178-06B	BEG-MW-06D	12/17/08 01:30 PM	Aqueous	TX1005	TX1005 Water Prep	12/23/08 09:56 AM	32822
0812178-06C	BEG-MW-06D	12/17/08 01:30 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:45 AM	32792
	BEG-MW-06D	12/17/08 01:30 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:45 AM	32792
	BEG-MW-06D	12/17/08 01:30 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:45 AM	32792
0812178-06D	BEG-MW-06D	12/17/08 01:30 PM	Aqueous	E300	Anions by IC method - Water	12/22/08	R41158

CLIENT: TRC Environmental Corp.
Project: RRC - EOD (Snyder East O'Daniel)
Lab Order: 0812178

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
	BEG-MW-06D	12/17/08 01:30 PM	Aqueous	E300	Anions by IC method - Water	12/22/08	R41158
	BEG-MW-06D	12/17/08 01:30 PM	Aqueous	E300	Anions by IC method - Water	01/06/09	R41292
	BEG-MW-06D	12/17/08 01:30 PM	Aqueous	M2320 B	Alkalinity	12/23/08 05:06 PM	R41186
	BEG-MW-06D	12/17/08 01:30 PM	Aqueous	M2540C	Total Dissolved Solids	12/23/08	TDS_W-12/23/08
0812178-07A	BEG-MW-01	12/18/08 09:15 AM	Aqueous	SW5030B	Purge and Trap Water GC	12/22/08 04:47 PM	32815
0812178-07B	BEG-MW-01	12/18/08 09:15 AM	Aqueous	TX1005	TX1005 Water Prep	12/23/08 09:56 AM	32822
0812178-07C	BEG-MW-01	12/18/08 09:15 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:45 AM	32792
	BEG-MW-01	12/18/08 09:15 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:45 AM	32792
	BEG-MW-01	12/18/08 09:15 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:45 AM	32792
0812178-07D	BEG-MW-01	12/18/08 09:15 AM	Aqueous	E300	Anions by IC method - Water	12/22/08	R41158
	BEG-MW-01	12/18/08 09:15 AM	Aqueous	E300	Anions by IC method - Water	12/22/08	R41158
	BEG-MW-01	12/18/08 09:15 AM	Aqueous	E300	Anions by IC method - Water	01/06/09	R41292
	BEG-MW-01	12/18/08 09:15 AM	Aqueous	M2320 B	Alkalinity	12/23/08 05:18 PM	R41186
	BEG-MW-01	12/18/08 09:15 AM	Aqueous	M2540C	Total Dissolved Solids	12/23/08	TDS_W-12/23/08
0812178-08A	E-TB-12-18-08-01	12/18/08	Trip Blank	SW5030B	Purge and Trap Water GC	12/22/08 04:47 PM	32815

CLIENT: TRC Environmental Corp.
Project: RRC - EOD (Snyder East O'Daniel)
Lab Order: 0812178

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
0812178-01A	E-SS-58	Aqueous	SW8021B	Volatile Organics by GC	32815	1	12/22/08 08:05 PM	GC8_081222B
0812178-01B	E-SS-58	Aqueous	TX1005	Tx1005 TPH Water	32822	1	12/23/08 04:14 PM	GC12_081223B
0812178-01C	E-SS-58	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32792	1	12/31/08 03:53 PM	ICP-MS2_081231A
	E-SS-58	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32792	5000	12/30/08 03:06 PM	ICP-MS3_081230A
	E-SS-58	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32792	1000	12/30/08 05:49 PM	ICP-MS3_081230A
0812178-01D	E-SS-58	Aqueous	M2320 B	Alkalinity	R41186	1	12/23/08 04:27 PM	TITRATOR_081223A
	E-SS-58	Aqueous	E300	Anions by IC method - Water	R41158	100	12/22/08 10:31 AM	IC2_081222A
	E-SS-58	Aqueous	E300	Anions by IC method - Water	R41158	2000	12/22/08 12:01 PM	IC2_081222A
	E-SS-58	Aqueous	E300	Anions by IC method - Water	R41292	5000	01/06/09 11:26 AM	IC2_090106A
	E-SS-58	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/22/08	1	12/22/08 10:15 AM	WC_081222A
0812178-02A	E-SS-57	Aqueous	SW8021B	Volatile Organics by GC	32815	1	12/22/08 08:23 PM	GC8_081222B
0812178-02B	E-SS-57	Aqueous	TX1005	Tx1005 TPH Water	32822	1	12/23/08 04:23 PM	GC12_081223B
0812178-02C	E-SS-57	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32792	1	12/31/08 03:58 PM	ICP-MS2_081231A
	E-SS-57	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32792	5000	12/30/08 03:11 PM	ICP-MS3_081230A
	E-SS-57	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32792	500	12/30/08 05:55 PM	ICP-MS3_081230A
0812178-02D	E-SS-57	Aqueous	M2320 B	Alkalinity	R41186	1	12/23/08 04:34 PM	TITRATOR_081223A
	E-SS-57	Aqueous	E300	Anions by IC method - Water	R41158	100	12/22/08 11:00 AM	IC2_081222A
	E-SS-57	Aqueous	E300	Anions by IC method - Water	R41158	2000	12/22/08 12:16 PM	IC2_081222A
	E-SS-57	Aqueous	E300	Anions by IC method - Water	R41292	5000	01/06/09 11:40 AM	IC2_090106A
	E-SS-57	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/22/08	1	12/22/08 10:15 AM	WC_081222A
0812178-03A	E-SS-56	Aqueous	SW8021B	Volatile Organics by GC	32815	1	12/22/08 08:41 PM	GC8_081222B
0812178-03B	E-SS-56	Aqueous	TX1005	Tx1005 TPH Water	32822	1	12/23/08 04:31 PM	GC12_081223B
0812178-03C	E-SS-56	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32792	5	12/30/08 03:14 PM	ICP-MS2_081230A
	E-SS-56	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32792	1	12/30/08 08:02 PM	ICP-MS2_081230A
	E-SS-56	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32792	25	12/31/08 03:03 PM	ICP-MS2_081231A
	E-SS-56	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32792	5000	12/30/08 01:53 PM	ICP-MS3_081230A
	E-SS-56	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32792	500	12/30/08 02:24 PM	ICP-MS3_081230A
0812178-03D	E-SS-56	Aqueous	M2320 B	Alkalinity	R41186	1	12/23/08 04:41 PM	TITRATOR_081223A
	E-SS-56	Aqueous	E300	Anions by IC method - Water	R41158	1000	12/22/08 11:30 AM	IC2_081222A

CLIENT: TRC Environmental Corp.
Project: RRC - EOD (Snyder East O'Daniel)
Lab Order: 0812178

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
	E-SS-56	Aqueous	E300	Anions by IC method - Water	R41158	100	12/22/08 01:00 PM	IC2_081222A
	E-SS-56	Aqueous	E300	Anions by IC method - Water	R41292	5000	01/06/09 11:55 AM	IC2_090106A
	E-SS-56	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/22/08	1	12/22/08 10:15 AM	WC_081222A
0812178-04A	E-SS-55	Aqueous	SW8021B	Volatile Organics by GC	32815	1	12/22/08 08:59 PM	GC8_081222B
0812178-04B	E-SS-55	Aqueous	TX1005	Tx1005 TPH Water	32822	1	12/23/08 04:40 PM	GC12_081223B
0812178-04C	E-SS-55	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32792	1	12/31/08 04:04 PM	ICP-MS2_081231A
	E-SS-55	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32792	5000	12/30/08 03:17 PM	ICP-MS3_081230A
	E-SS-55	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32792	1000	12/30/08 06:00 PM	ICP-MS3_081230A
0812178-04D	E-SS-55	Aqueous	M2320 B	Alkalinity	R41186	1	12/23/08 04:51 PM	TITRATOR_081223A
	E-SS-55	Aqueous	E300	Anions by IC method - Water	R41158	100	12/22/08 01:44 PM	IC2_081222A
	E-SS-55	Aqueous	E300	Anions by IC method - Water	R41158	2000	12/22/08 01:58 PM	IC2_081222A
	E-SS-55	Aqueous	E300	Anions by IC method - Water	R41292	5000	01/06/09 12:10 PM	IC2_090106A
	E-SS-55	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/22/08	1	12/22/08 10:15 AM	WC_081222A
0812178-05A	BEG-MW-06	Aqueous	SW8021B	Volatile Organics by GC	32815	1	12/22/08 09:17 PM	GC8_081222B
0812178-05B	BEG-MW-06	Aqueous	TX1005	Tx1005 TPH Water	32822	1	12/23/08 04:49 PM	GC12_081223B
0812178-05C	BEG-MW-06	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32792	1	12/31/08 04:09 PM	ICP-MS2_081231A
	BEG-MW-06	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32792	5000	12/30/08 03:22 PM	ICP-MS3_081230A
	BEG-MW-06	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32792	500	12/30/08 06:05 PM	ICP-MS3_081230A
0812178-05D	BEG-MW-06	Aqueous	M2320 B	Alkalinity	R41186	1	12/23/08 04:59 PM	TITRATOR_081223A
	BEG-MW-06	Aqueous	E300	Anions by IC method - Water	R41158	2000	12/22/08 02:13 PM	IC2_081222A
	BEG-MW-06	Aqueous	E300	Anions by IC method - Water	R41158	100	12/22/08 02:46 PM	IC2_081222A
	BEG-MW-06	Aqueous	E300	Anions by IC method - Water	R41292	5000	01/06/09 12:24 PM	IC2_090106A
	BEG-MW-06	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/22/08	1	12/22/08 10:15 AM	WC_081222A
0812178-06A	BEG-MW-06D	Aqueous	SW8021B	Volatile Organics by GC	32815	1	12/22/08 09:35 PM	GC8_081222B
0812178-06B	BEG-MW-06D	Aqueous	TX1005	Tx1005 TPH Water	32822	1	12/23/08 05:07 PM	GC12_081223B
0812178-06C	BEG-MW-06D	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32792	1	12/31/08 04:15 PM	ICP-MS2_081231A
	BEG-MW-06D	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32792	5000	12/30/08 03:27 PM	ICP-MS3_081230A
	BEG-MW-06D	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32792	500	12/30/08 06:10 PM	ICP-MS3_081230A
0812178-06D	BEG-MW-06D	Aqueous	M2320 B	Alkalinity	R41186	1	12/23/08 05:06 PM	TITRATOR_081223A

CLIENT: TRC Environmental Corp.
Project: RRC - EOD (Snyder East O'Daniel)
Lab Order: 0812178

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
	BEG-MW-06D	Aqueous	E300	Anions by IC method - Water	R41158	1000	12/22/08 03:15 PM	IC2_081222A
	BEG-MW-06D	Aqueous	E300	Anions by IC method - Water	R41158	100	12/22/08 04:14 PM	IC2_081222A
	BEG-MW-06D	Aqueous	E300	Anions by IC method - Water	R41292	5000	01/06/09 12:39 PM	IC2_090106A
	BEG-MW-06D	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/23/08	1	12/23/08 10:50 AM	WC_081223C
0812178-07A	BEG-MW-01	Aqueous	SW8021B	Volatile Organics by GC	32815	1	12/22/08 09:53 PM	GC8_081222B
0812178-07B	BEG-MW-01	Aqueous	TX1005	Tx1005 TPH Water	32822	1	12/23/08 05:16 PM	GC12_081223B
0812178-07C	BEG-MW-01	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32792	1	12/31/08 04:20 PM	ICP-MS2_081231A
	BEG-MW-01	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32792	1000	12/30/08 03:32 PM	ICP-MS3_081230A
	BEG-MW-01	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32792	100	12/30/08 06:15 PM	ICP-MS3_081230A
0812178-07D	BEG-MW-01	Aqueous	M2320 B	Alkalinity	R41186	1	12/23/08 05:18 PM	TITRATOR_081223A
	BEG-MW-01	Aqueous	E300	Anions by IC method - Water	R41158	10	12/22/08 03:30 PM	IC2_081222A
	BEG-MW-01	Aqueous	E300	Anions by IC method - Water	R41158	1000	12/22/08 03:45 PM	IC2_081222A
	BEG-MW-01	Aqueous	E300	Anions by IC method - Water	R41292	2000	01/06/09 12:54 PM	IC2_090106A
	BEG-MW-01	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/23/08	1	12/23/08 10:50 AM	WC_081223C
0812178-08A	E-TB-12-18-08-01	Trip Blank	SW8021B	Volatile Organics by GC	32815	1	12/22/08 07:47 PM	GC8_081222B

CLIENT:	TRC Environmental Corp.	Client Sample ID:	E-SS-58
Project:	RRC - EOD (Snyder East O'Daniel)	Lab ID:	0812178-01
Project No:	165296	Collection Date:	12/17/08 09:45 AM
Lab Order:	0812178	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.646	1.85		mg/L	1	12/23/08 04:14 PM
T/R Hydrocarbons: >C12-C28	ND	0.646	1.85		mg/L	1	12/23/08 04:14 PM
T/R Hydrocarbons: >C28-C35	ND	0.646	1.85		mg/L	1	12/23/08 04:14 PM
T/R Hydrocarbons: C6-C35	ND	0.646	1.85		mg/L	1	12/23/08 04:14 PM
Surr: Isopropylbenzene	84.8	0	70 - 130		%REC	1	12/23/08 04:14 PM
Surr: Octacosane	82.7	0	70 - 130		%REC	1	12/23/08 04:14 PM
Volatile Organics by GC		**SW8021B**					**Analyst: DEW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/22/08 08:05 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/22/08 08:05 PM
Toluene	0.00253	0.00200	0.00600	J	mg/L	1	12/22/08 08:05 PM
Xylenes, Total	0.00461	0.00300	0.00900	J	mg/L	1	12/22/08 08:05 PM
Surr: a,a,a-Trifluorotoluene	105	0	87 - 113		%REC	1	12/22/08 08:05 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: CZ**
Barium	0.653	0.00300	0.0100		mg/L	1	12/31/08 03:53 PM
Calcium	3920	100	300		mg/L	1000	12/30/08 05:49 PM
Iron	53.0	50.0	150	J	mg/L	1000	12/30/08 05:49 PM
Magnesium	1150	100	300		mg/L	1000	12/30/08 05:49 PM
Potassium	270	100	300	J	mg/L	1000	12/30/08 05:49 PM
Sodium	22500	500	1500		mg/L	5000	12/30/08 03:06 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	46800	1500	5000		mg/L	5000	01/06/09 11:26 AM
Sulfate	2280	100	300		mg/L	100	12/22/08 10:31 AM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	252	10.0	20.0		mg/L	1	12/23/08 04:27 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/23/08 04:27 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/23/08 04:27 PM
Alkalinity, Total (As CaCO3)	252	10.0	20.0		mg/L	1	12/23/08 04:27 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	96300	10.0	10.0		mg/L	1	12/22/08 10:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	E-SS-57
Project:	RRC - EOD (Snyder East O'Daniel)	Lab ID:	0812178-02
Project No:	165296	Collection Date:	12/17/08 10:30 AM
Lab Order:	0812178	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.665	1.90		mg/L	1	12/23/08 04:23 PM
T/R Hydrocarbons: >C12-C28	ND	0.665	1.90		mg/L	1	12/23/08 04:23 PM
T/R Hydrocarbons: >C28-C35	ND	0.665	1.90		mg/L	1	12/23/08 04:23 PM
T/R Hydrocarbons: C6-C35	ND	0.665	1.90		mg/L	1	12/23/08 04:23 PM
Surr: Isopropylbenzene	89.0	0	70 - 130		%REC	1	12/23/08 04:23 PM
Surr: Octacosane	86.1	0	70 - 130		%REC	1	12/23/08 04:23 PM
Volatile Organics by GC		**SW8021B**					**Analyst: DEW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/22/08 08:23 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/22/08 08:23 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/22/08 08:23 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/22/08 08:23 PM
Surr: a,a,a-Trifluorotoluene	103	0	87 - 113		%REC	1	12/22/08 08:23 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: CZ**
Barium	0.178	0.00300	0.0100		mg/L	1	12/31/08 03:58 PM
Calcium	2130	50.0	150		mg/L	500	12/30/08 05:55 PM
Iron	1.23	0.0500	0.150		mg/L	1	12/31/08 03:58 PM
Magnesium	678	50.0	150		mg/L	500	12/30/08 05:55 PM
Potassium	245	50.0	150		mg/L	500	12/30/08 05:55 PM
Sodium	14300	500	1500		mg/L	5000	12/30/08 03:11 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	28200	1500	5000		mg/L	5000	01/06/09 11:40 AM
Sulfate	1370	100	300		mg/L	100	12/22/08 11:00 AM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	212	10.0	20.0		mg/L	1	12/23/08 04:34 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/23/08 04:34 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/23/08 04:34 PM
Alkalinity, Total (As CaCO3)	212	10.0	20.0		mg/L	1	12/23/08 04:34 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	59300	10.0	10.0		mg/L	1	12/22/08 10:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	E-SS-56
Project:	RRC - EOD (Snyder East O'Daniel)	Lab ID:	0812178-03
Project No:	165296	Collection Date:	12/17/08 11:00 AM
Lab Order:	0812178	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.657	1.88		mg/L	1	12/23/08 04:31 PM
T/R Hydrocarbons: >C12-C28	ND	0.657	1.88		mg/L	1	12/23/08 04:31 PM
T/R Hydrocarbons: >C28-C35	ND	0.657	1.88		mg/L	1	12/23/08 04:31 PM
T/R Hydrocarbons: C6-C35	ND	0.657	1.88		mg/L	1	12/23/08 04:31 PM
Surr: Isopropylbenzene	86.1	0	70 - 130		%REC	1	12/23/08 04:31 PM
Surr: Octacosane	82.6	0	70 - 130		%REC	1	12/23/08 04:31 PM
Volatile Organics by GC		**SW8021B**					**Analyst: DEW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/22/08 08:41 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/22/08 08:41 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/22/08 08:41 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/22/08 08:41 PM
Surr: a,a,a-Trifluorotoluene	102	0	87 - 113		%REC	1	12/22/08 08:41 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: CZ**
Barium	0.110	0.0150	0.0500		mg/L	5	12/30/08 03:14 PM
Calcium	2400	50.0	150		mg/L	500	12/30/08 02:24 PM
Iron	ND	0.0500	0.150		mg/L	1	12/30/08 08:02 PM
Magnesium	692	50.0	150		mg/L	500	12/30/08 02:24 PM
Potassium	254	50.0	150		mg/L	500	12/30/08 02:24 PM
Sodium	14600	500	1500		mg/L	5000	12/30/08 01:53 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	28700	1500	5000		mg/L	5000	01/06/09 11:55 AM
Sulfate	2470	100	300		mg/L	100	12/22/08 01:00 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	222	10.0	20.0		mg/L	1	12/23/08 04:41 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/23/08 04:41 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/23/08 04:41 PM
Alkalinity, Total (As CaCO3)	222	10.0	20.0		mg/L	1	12/23/08 04:41 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	59300	10.0	10.0		mg/L	1	12/22/08 10:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	E-SS-55
Project:	RRC - EOD (Snyder East O'Daniel)	Lab ID:	0812178-04
Project No:	165296	Collection Date:	12/17/08 11:30 AM
Lab Order:	0812178	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.665	1.90		mg/L	1	12/23/08 04:40 PM
T/R Hydrocarbons: >C12-C28	5.41	0.665	1.90		mg/L	1	12/23/08 04:40 PM
T/R Hydrocarbons: >C28-C35	0.686	0.665	1.90	J	mg/L	1	12/23/08 04:40 PM
T/R Hydrocarbons: C6-C35	6.10	0.665	1.90		mg/L	1	12/23/08 04:40 PM
Surr: Isopropylbenzene	81.8	0	70 - 130		%REC	1	12/23/08 04:40 PM
Surr: Octacosane	89.9	0	70 - 130		%REC	1	12/23/08 04:40 PM
Volatile Organics by GC		**SW8021B**					**Analyst: DEW**
Benzene	0.00188	0.000800	0.00200	J	mg/L	1	12/22/08 08:59 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/22/08 08:59 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/22/08 08:59 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/22/08 08:59 PM
Surr: a,a,a-Trifluorotoluene	102	0	87 - 113		%REC	1	12/22/08 08:59 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: CZ**
Barium	0.142	0.00300	0.0100		mg/L	1	12/31/08 04:04 PM
Calcium	1430	100	300		mg/L	1000	12/30/08 06:00 PM
Iron	51.0	50.0	150	J	mg/L	1000	12/30/08 06:00 PM
Magnesium	473	100	300		mg/L	1000	12/30/08 06:00 PM
Potassium	ND	100	300		mg/L	1000	12/30/08 06:00 PM
Sodium	9580	100	300		mg/L	1000	12/30/08 06:00 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	21800	1500	5000		mg/L	5000	01/06/09 12:10 PM
Sulfate	1510	100	300		mg/L	100	12/22/08 01:44 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	394	10.0	20.0		mg/L	1	12/23/08 04:51 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/23/08 04:51 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/23/08 04:51 PM
Alkalinity, Total (As CaCO3)	394	10.0	20.0		mg/L	1	12/23/08 04:51 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	38800	10.0	10.0		mg/L	1	12/22/08 10:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	BEG-MW-06
Project:	RRC - EOD (Snyder East O'Daniel)	Lab ID:	0812178-05
Project No:	165296	Collection Date:	12/17/08 01:30 PM
Lab Order:	0812178	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	0.675	0.662	1.89	J	mg/L	1	12/23/08 04:49 PM
T/R Hydrocarbons: >C12-C28	ND	0.662	1.89		mg/L	1	12/23/08 04:49 PM
T/R Hydrocarbons: >C28-C35	ND	0.662	1.89		mg/L	1	12/23/08 04:49 PM
T/R Hydrocarbons: C6-C35	0.675	0.662	1.89	J	mg/L	1	12/23/08 04:49 PM
Surr: Isopropylbenzene	85.1	0	70 - 130		%REC	1	12/23/08 04:49 PM
Surr: Octacosane	81.9	0	70 - 130		%REC	1	12/23/08 04:49 PM
Volatile Organics by GC		**SW8021B**					**Analyst: DEW**
Benzene	0.0952	0.000800	0.00200		mg/L	1	12/22/08 09:17 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/22/08 09:17 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/22/08 09:17 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/22/08 09:17 PM
Surr: a,a,a-Trifluorotoluene	97.5	0	87 - 113		%REC	1	12/22/08 09:17 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: CZ**
Barium	0.0946	0.00300	0.0100		mg/L	1	12/31/08 04:09 PM
Calcium	1990	50.0	150		mg/L	500	12/30/08 06:05 PM
Iron	0.400	0.0500	0.150		mg/L	1	12/31/08 04:09 PM
Magnesium	482	50.0	150		mg/L	500	12/30/08 06:05 PM
Potassium	217	50.0	150		mg/L	500	12/30/08 06:05 PM
Sodium	10300	500	1500		mg/L	5000	12/30/08 03:22 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	20200	1500	5000		mg/L	5000	01/06/09 12:24 PM
Sulfate	2620	100	300		mg/L	100	12/22/08 02:46 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	241	10.0	20.0		mg/L	1	12/23/08 04:59 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/23/08 04:59 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/23/08 04:59 PM
Alkalinity, Total (As CaCO3)	241	10.0	20.0		mg/L	1	12/23/08 04:59 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	43200	10.0	10.0		mg/L	1	12/22/08 10:15 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	BEG-MW-06D
Project:	RRC - EOD (Snyder East O'Daniel)	Lab ID:	0812178-06
Project No:	165296	Collection Date:	12/17/08 01:30 PM
Lab Order:	0812178	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.664	1.90		mg/L	1	12/23/08 05:07 PM
T/R Hydrocarbons: >C12-C28	ND	0.664	1.90		mg/L	1	12/23/08 05:07 PM
T/R Hydrocarbons: >C28-C35	ND	0.664	1.90		mg/L	1	12/23/08 05:07 PM
T/R Hydrocarbons: C6-C35	ND	0.664	1.90		mg/L	1	12/23/08 05:07 PM
Surr: Isopropylbenzene	87.4	0	70 - 130		%REC	1	12/23/08 05:07 PM
Surr: Octacosane	85.1	0	70 - 130		%REC	1	12/23/08 05:07 PM
Volatile Organics by GC		**SW8021B**					**Analyst: DEW**
Benzene	0.0972	0.000800	0.00200		mg/L	1	12/22/08 09:35 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/22/08 09:35 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/22/08 09:35 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/22/08 09:35 PM
Surr: a,a,a-Trifluorotoluene	102	0	87 - 113		%REC	1	12/22/08 09:35 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: CZ**
Barium	0.103	0.00300	0.0100		mg/L	1	12/31/08 04:15 PM
Calcium	2260	50.0	150		mg/L	500	12/30/08 06:10 PM
Iron	0.728	0.0500	0.150		mg/L	1	12/31/08 04:15 PM
Magnesium	490	50.0	150		mg/L	500	12/30/08 06:10 PM
Potassium	207	50.0	150		mg/L	500	12/30/08 06:10 PM
Sodium	10000	500	1500		mg/L	5000	12/30/08 03:27 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	20900	1500	5000		mg/L	5000	01/06/09 12:39 PM
Sulfate	2650	100	300		mg/L	100	12/22/08 04:14 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	240	10.0	20.0		mg/L	1	12/23/08 05:06 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/23/08 05:06 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/23/08 05:06 PM
Alkalinity, Total (As CaCO3)	240	10.0	20.0		mg/L	1	12/23/08 05:06 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	42300	10.0	10.0		mg/L	1	12/23/08 10:50 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	BEG-MW-01
Project:	RRC - EOD (Snyder East O'Daniel)	Lab ID:	0812178-07
Project No:	165296	Collection Date:	12/18/08 09:15 AM
Lab Order:	0812178	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.687	1.96		mg/L	1	12/23/08 05:16 PM
T/R Hydrocarbons: >C12-C28	ND	0.687	1.96		mg/L	1	12/23/08 05:16 PM
T/R Hydrocarbons: >C28-C35	ND	0.687	1.96		mg/L	1	12/23/08 05:16 PM
T/R Hydrocarbons: C6-C35	ND	0.687	1.96		mg/L	1	12/23/08 05:16 PM
Surr: Isopropylbenzene	85.4	0	70 - 130		%REC	1	12/23/08 05:16 PM
Surr: Octacosane	81.9	0	70 - 130		%REC	1	12/23/08 05:16 PM
Volatile Organics by GC		**SW8021B**					**Analyst: DEW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/22/08 09:53 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/22/08 09:53 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/22/08 09:53 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/22/08 09:53 PM
Surr: a,a,a-Trifluorotoluene	105	0	87 - 113		%REC	1	12/22/08 09:53 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: CZ**
Barium	0.0713	0.00300	0.0100		mg/L	1	12/31/08 04:20 PM
Calcium	1530	100	300		mg/L	1000	12/30/08 03:32 PM
Iron	0.0614	0.0500	0.150	J	mg/L	1	12/31/08 04:20 PM
Magnesium	607	10.0	30.0		mg/L	100	12/30/08 06:15 PM
Potassium	31.0	10.0	30.0		mg/L	100	12/30/08 06:15 PM
Sodium	3630	100	300		mg/L	1000	12/30/08 03:32 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	10300	600	2000		mg/L	2000	01/06/09 12:54 PM
Sulfate	870	10.0	30.0		mg/L	10	12/22/08 03:30 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	225	10.0	20.0		mg/L	1	12/23/08 05:18 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/23/08 05:18 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/23/08 05:18 PM
Alkalinity, Total (As CaCO3)	225	10.0	20.0		mg/L	1	12/23/08 05:18 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	23000	10.0	10.0		mg/L	1	12/23/08 10:50 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level
B	Analyte detected in the associated Method Blank
C	Sample Result or QC discussed in the Case Narrative
DF	Dilution Factor
E	TPH pattern not Gas or Diesel Range Pattern
J	Analyte detected between MDL and RL
MDL	Method Detection Limit
N	Parameter not NELAC certified
ND	Not Detected at the Method Detection Limit
RL	Reporting Limit
S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	E-TB-12-18-08-01
Project:	RRC - EOD (Snyder East O'Daniel)	Lab ID:	0812178-08
Project No:	165296	Collection Date:	12/18/08
Lab Order:	0812178	Matrix:	Trip Blank

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Volatile Organics by GC		SW8021B					Analyst: DEW
Benzene	ND	0.000800	0.00200		mg/L	1	12/22/08 07:47 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/22/08 07:47 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/22/08 07:47 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/22/08 07:47 PM
Surr: a,a,a-Trifluorotoluene	98.8	0	87 - 113		%REC	1	12/22/08 07:47 PM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT: TRC Environmental Corp.
Work Order: 0812178
Project: RRC - EOD (Snyder East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_081223B

Sample ID:	LCS-32822	Batch ID:	32822		TestNo:		TX1005		Units:		mg/L
SampType:	LCS	Run ID:	GC12_081223B		Analysis Date:		12/23/08 03:30 PM		Prep Date:		12/23/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		21.6	2.00	25.00	0	86.4	75	125			
Surr: Isopropylbenzene		2.17		2.500		86.6	70	130			
Surr: Octacosane		2.05		2.500		81.9	70	130			

Sample ID:	LCSD-32822	Batch ID:	32822		TestNo:		TX1005		Units:		mg/L
SampType:	LCSD	Run ID:	GC12_081223B		Analysis Date:		12/23/08 03:38 PM		Prep Date:		12/23/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		22.8	2.00	25.00	0	91.2	75	125	5.45	20	
Surr: Isopropylbenzene		2.20		2.500		88.1	70	130	0	0	
Surr: Octacosane		2.10		2.500		84.0	70	130	0	0	

Sample ID:	MB-32822	Batch ID:	32822		TestNo:		TX1005		Units:		mg/L
SampType:	MBLK	Run ID:	GC12_081223B		Analysis Date:		12/23/08 03:47 PM		Prep Date:		12/23/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C12		ND	2.00								
T/R Hydrocarbons: >C12-C28		ND	2.00								
T/R Hydrocarbons: >C28-C35		ND	2.00								
T/R Hydrocarbons: C6-C35		ND	2.00								
Surr: Isopropylbenzene		2.08		2.500		83.3	70	130			
Surr: Octacosane		2.04		2.500		81.7	70	130			

Sample ID:	0812180-01AMS	Batch ID:	32822		TestNo:		TX1005		Units:		mg/L
SampType:	MS	Run ID:	GC12_081223B		Analysis Date:		12/23/08 05:33 PM		Prep Date:		12/23/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		22.9	1.94	24.30	0	94.3	75	125			
Surr: Isopropylbenzene		2.16		2.430		88.9	70	130			
Surr: Octacosane		2.07		2.430		85.4	70	130			

Sample ID:	0812180-01AMSD	Batch ID:	32822		TestNo:		TX1005		Units:		mg/L
SampType:	MSD	Run ID:	GC12_081223B		Analysis Date:		12/23/08 05:42 PM		Prep Date:		12/23/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		21.9	1.94	24.27	0	90.1	75	125	4.61	20	
Surr: Isopropylbenzene		2.17		2.427		89.4	70	130	0	0	
Surr: Octacosane		2.02		2.427		83.0	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812178
Project: RRC - EOD (Snyder East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_081223B

Sample ID:	ICV-081223	Batch ID:	R41211	TestNo:	TX1005	Units:	mg/L
SampType:	ICV	Run ID:	GC12_081223B	Analysis Date:	12/23/08 10:38 AM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35	1030	2.00	1000	0	103	75	125			
Surr: Isopropylbenzene	47.1		50.00		94.2	70	130			
Surr: Octacosane	58.7		50.00		117	70	130			

Sample ID:	CCV4-081223	Batch ID:	R41211	TestNo:	TX1005	Units:	mg/L
SampType:	CCV	Run ID:	GC12_081223B	Analysis Date:	12/23/08 03:21 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35	510	2.00	500.0	0	102	75	125			
Surr: Isopropylbenzene	27.9		25.00		111	70	130			
Surr: Octacosane	31.1		25.00		124	70	130			

Sample ID:	CCV5-081223	Batch ID:	R41211	TestNo:	TX1005	Units:	mg/L
SampType:	CCV	Run ID:	GC12_081223B	Analysis Date:	12/23/08 04:58 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35	534	2.00	500.0	0	107	75	125			
Surr: Isopropylbenzene	25.2		25.00		101	70	130			
Surr: Octacosane	24.7		25.00		99.0	70	130			

Sample ID:	CCV6-081223	Batch ID:	R41211	TestNo:	TX1005	Units:	mg/L
SampType:	CCV	Run ID:	GC12_081223B	Analysis Date:	12/23/08 06:35 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35	519	2.00	500.0	0	104	75	125			
Surr: Isopropylbenzene	25.2		25.00		101	70	130			
Surr: Octacosane	24.8		25.00		99.4	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812178
Project: RRC - EOD (Snyder East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: GC8_081222B

Sample ID:	LCS-32815	Batch ID:	32815	TestNo:	SW8021B	Units:	mg/L
SampType:	LCS	Run ID:	GC8_081222B	Analysis Date:	12/22/08 07:11 PM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene	0.0502	0.00200	0.0500	0	100	81	125			
Toluene	0.0496	0.00600	0.0500	0	99.2	84	123			
Ethylbenzene	0.0487	0.00600	0.0500	0	97.3	83	119			
Xylenes, Total	0.145	0.00900	0.150	0	97.0	81	117			
Surr: a,a,a-Trifluorotoluene	180		200.0		90.0	87	113			

Sample ID:	MB-32815	Batch ID:	32815	TestNo:	SW8021B	Units:	mg/L
SampType:	MBLK	Run ID:	GC8_081222B	Analysis Date:	12/22/08 07:29 PM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene	ND	0.00200								
Toluene	ND	0.00600								
Ethylbenzene	ND	0.00600								
Xylenes, Total	ND	0.00900								
Surr: a,a,a-Trifluorotoluene	194		200.0		96.9	87	113			

Sample ID:	0812187-01AMS	Batch ID:	32815	TestNo:	SW8021B	Units:	mg/L
SampType:	MS	Run ID:	GC8_081222B	Analysis Date:	12/23/08 02:07 AM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene	0.0531	0.00200	0.0500	0	106	81	125			
Toluene	0.0526	0.00600	0.0500	0	105	84	123			
Ethylbenzene	0.0522	0.00600	0.0500	0	104	83	119			
Xylenes, Total	0.155	0.00900	0.150	0	103	81	117			
Surr: a,a,a-Trifluorotoluene	210		200.0		105	87	113			

Sample ID:	0812187-01AMSD	Batch ID:	32815	TestNo:	SW8021B	Units:	mg/L
SampType:	MSD	Run ID:	GC8_081222B	Analysis Date:	12/23/08 02:25 AM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene	0.0540	0.00200	0.0500	0	108	81	125	1.72	20	
Toluene	0.0539	0.00600	0.0500	0	108	84	123	2.40	20	
Ethylbenzene	0.0532	0.00600	0.0500	0	106	83	119	2.01	20	
Xylenes, Total	0.158	0.00900	0.150	0	106	81	117	2.11	20	
Surr: a,a,a-Trifluorotoluene	207		200.0		103	87	113	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812178
Project: RRC - EOD (Snyder East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: GC8_081222B

Sample ID:	ICV-081222	Batch ID:	R41164	TestNo:	SW8021B	Units:	mg/L
SampType:	ICV	Run ID:	GC8_081222B	Analysis Date:	12/22/08 06:52 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene	0.0954	0.00200	0.100	0	95.4	85	115			
Toluene	0.0943	0.00600	0.100	0	94.3	85	115			
Ethylbenzene	0.0938	0.00600	0.100	0	93.8	85	115			
Xylenes, Total	0.279	0.00900	0.300	0	93.1	85	115			
Surr: a,a,a-Trifluorotoluene	198		200.0		99.2	87	113			

Sample ID:	CCV1-081222	Batch ID:	R41164	TestNo:	SW8021B	Units:	mg/L
SampType:	CCV	Run ID:	GC8_081222B	Analysis Date:	12/22/08 10:11 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene	0.0516	0.00200	0.0500	0	103	85	115			
Toluene	0.0512	0.00600	0.0500	0	102	85	115			
Ethylbenzene	0.0507	0.00600	0.0500	0	101	85	115			
Xylenes, Total	0.151	0.00900	0.150	0	100	85	115			
Surr: a,a,a-Trifluorotoluene	197		200.0		98.5	87	113			

Sample ID:	CCV2-081222	Batch ID:	R41164	TestNo:	SW8021B	Units:	mg/L
SampType:	CCV	Run ID:	GC8_081222B	Analysis Date:	12/23/08 02:43 AM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene	0.0544	0.00200	0.0500	0	109	85	115			
Toluene	0.0541	0.00600	0.0500	0	108	85	115			
Ethylbenzene	0.0534	0.00600	0.0500	0	107	85	115			
Xylenes, Total	0.159	0.00900	0.150	0	106	85	115			
Surr: a,a,a-Trifluorotoluene	212		200.0		106	87	113			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812178
Project: RRC - EOD (Snyder East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS2_081230A

Sample ID:	0812178-03C SD	Batch ID:	32792	TestNo:	SW6020	Units:	mg/L
SampType:	SD	Run ID:	ICP-MS2_081230A	Analysis Date:	12/30/08 03:20 PM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium	0.114	0.250	0	0.110				3.71	10	

Sample ID:	0812178-03C PDS	Batch ID:	32792	TestNo:	SW6020	Units:	mg/L
SampType:	PDS	Run ID:	ICP-MS2_081230A	Analysis Date:	12/30/08 03:25 PM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium	1.04	0.0500	1.00	0.110	93.4	75	125			

Sample ID:	0812178-03C MS	Batch ID:	32792	TestNo:	SW6020	Units:	mg/L
SampType:	MS	Run ID:	ICP-MS2_081230A	Analysis Date:	12/30/08 03:30 PM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium	0.294	0.0500	0.200	0.110	92.1	80	120			
Calcium	2310	1.50	5.00	2300	220	80	120			S
Iron	4.30	0.750	5.00	0	85.9	80	120			
Magnesium	596	1.50	5.00	590	130	80	120			S
Potassium	245	1.50	5.00	240	105	80	120			
Sodium	13500	1.50	5.00	13400	2100	80	120			S

Sample ID:	0812178-03C MSD	Batch ID:	32792	TestNo:	SW6020	Units:	mg/L
SampType:	MSD	Run ID:	ICP-MS2_081230A	Analysis Date:	12/30/08 03:36 PM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium	0.299	0.0500	0.200	0.110	94.4	80	120	1.57	15	
Calcium	2310	1.50	5.00	2300	230	80	120	0.0216	15	S
Iron	4.31	0.750	5.00	0	86.3	80	120	0.430	15	
Magnesium	603	1.50	5.00	590	260	80	120	1.08	15	S
Potassium	247	1.50	5.00	240	138	80	120	0.670	15	S
Sodium	13600	1.50	5.00	13400	5500	80	120	1.25	15	S

Sample ID:	0812178-03C SD	Batch ID:	32792	TestNo:	SW6020	Units:	mg/L
SampType:	SD	Run ID:	ICP-MS2_081230A	Analysis Date:	12/30/08 08:07 PM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Iron	0	0.750	0	0				0	10	

Sample ID:	0812178-03C PDS	Batch ID:	32792	TestNo:	SW6020	Units:	mg/L
SampType:	PDS	Run ID:	ICP-MS2_081230A	Analysis Date:	12/30/08 08:13 PM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Iron	4.04	0.150	5.00	0	80.8	75	125			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812178
Project: RRC - EOD (Snyder East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS2_081230A

Sample ID:	ICV1-081230	Batch ID:	R41247	TestNo:	SW6020	Units:	mg/L
SampType:	ICV	Run ID:	ICP-MS2_081230A	Analysis Date:	12/30/08 12:04 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium	0.0997	0.0100	0.100	0	99.7	90	110			
Calcium	2.44	0.300	2.50	0	97.4	90	110			
Iron	2.52	0.150	2.50	0	101	90	110			
Magnesium	2.54	0.300	2.50	0	101	90	110			
Potassium	2.50	0.300	2.50	0	100	90	110			
Sodium	2.54	0.300	2.50	0	102	90	110			

Sample ID:	CCV3-081230	Batch ID:	R41247	TestNo:	SW6020	Units:	mg/L
SampType:	CCV	Run ID:	ICP-MS2_081230A	Analysis Date:	12/30/08 02:50 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium	0.198	0.0100	0.200	0	98.8	90	110			
Calcium	4.79	0.300	5.00	0	95.8	90	110			
Iron	4.76	0.150	5.00	0	95.1	90	110			
Magnesium	5.02	0.300	5.00	0	100	90	110			
Potassium	4.97	0.300	5.00	0	99.4	90	110			
Sodium	4.99	0.300	5.00	0	99.8	90	110			

Sample ID:	CCV4-081230	Batch ID:	R41247	TestNo:	SW6020	Units:	mg/L
SampType:	CCV	Run ID:	ICP-MS2_081230A	Analysis Date:	12/30/08 04:27 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium	0.200	0.0100	0.200	0	100	90	110			
Calcium	5.00	0.300	5.00	0	100	90	110			
Iron	4.72	0.150	5.00	0	94.3	90	110			
Magnesium	5.14	0.300	5.00	0	103	90	110			
Potassium	5.15	0.300	5.00	0	103	90	110			
Sodium	5.25	0.300	5.00	0	105	90	110			

Sample ID:	CCV6-081230	Batch ID:	R41247	TestNo:	SW6020	Units:	mg/L
SampType:	CCV	Run ID:	ICP-MS2_081230A	Analysis Date:	12/30/08 07:29 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Iron	4.66	0.150	5.00	0	93.3	90	110			

Sample ID:	CCV7-081230	Batch ID:	R41247	TestNo:	SW6020	Units:	mg/L
SampType:	CCV	Run ID:	ICP-MS2_081230A	Analysis Date:	12/30/08 08:29 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Iron	4.54	0.150	5.00	0	90.9	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812178
Project: RRC - EOD (Snyder East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS2_081231A

Sample ID:	ICV1-081231	Batch ID:	R41271	TestNo:	SW6020	Units:	mg/L
SampType:	ICV	Run ID:	ICP-MS2_081231A	Analysis Date:	12/31/08 02:19 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium	0.0972	0.0100	0.100	0	97.2	90	110			
Iron	2.59	0.150	2.50	0	103	90	110			

Sample ID:	CCV1-081231	Batch ID:	R41271	TestNo:	SW6020	Units:	mg/L
SampType:	CCV	Run ID:	ICP-MS2_081231A	Analysis Date:	12/31/08 03:29 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium	0.194	0.0100	0.200	0	97.0	90	110			
Iron	4.96	0.150	5.00	0	99.2	90	110			

Sample ID:	CCV2-081231	Batch ID:	R41271	TestNo:	SW6020	Units:	mg/L
SampType:	CCV	Run ID:	ICP-MS2_081231A	Analysis Date:	12/31/08 04:25 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium	0.193	0.0100	0.200	0	96.5	90	110			
Iron	4.65	0.150	5.00	0	93.0	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812178
Project: RRC - EOD (Snyder East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS3_081230A

Sample ID:	MB-32792	Batch ID:	32792		TestNo:		SW6020		Units:		mg/L
SampType:	MBLK	Run ID:	ICP-MS3_081230A		Analysis Date:		12/30/08 12:38 PM		Prep Date:		12/22/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium		ND	0.0100								
Calcium		ND	0.300								
Iron		ND	0.150								
Magnesium		ND	0.300								
Potassium		ND	0.300								
Sodium		ND	0.300								

Sample ID:	LCS-32792	Batch ID:	32792		TestNo:		SW6020		Units:		mg/L
SampType:	LCS	Run ID:	ICP-MS3_081230A		Analysis Date:		12/30/08 12:49 PM		Prep Date:		12/22/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium		0.196	0.0100	0.200	0	97.8	80	120			
Calcium		4.87	0.300	5.00	0	97.5	80	120			
Iron		4.69	0.150	5.00	0	93.7	80	120			
Magnesium		4.74	0.300	5.00	0	94.8	80	120			
Potassium		4.89	0.300	5.00	0	97.8	80	120			
Sodium		4.78	0.300	5.00	0	95.6	80	120			

Sample ID:	LCSD-32792	Batch ID:	32792		TestNo:		SW6020		Units:		mg/L
SampType:	LCSD	Run ID:	ICP-MS3_081230A		Analysis Date:		12/30/08 12:54 PM		Prep Date:		12/22/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium		0.195	0.0100	0.200	0	97.3	80	120	0.513	15	
Calcium		4.88	0.300	5.00	0	97.7	80	120	0.225	15	
Iron		4.72	0.150	5.00	0	94.5	80	120	0.786	15	
Magnesium		4.84	0.300	5.00	0	96.8	80	120	2.02	15	
Potassium		4.94	0.300	5.00	0	98.8	80	120	1.04	15	
Sodium		4.90	0.300	5.00	0	97.9	80	120	2.38	15	

Sample ID:	0812178-03C SD	Batch ID:	32792		TestNo:		SW6020		Units:		mg/L
SampType:	SD	Run ID:	ICP-MS3_081230A		Analysis Date:		12/30/08 01:59 PM		Prep Date:		12/22/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Sodium		14300	7500	0	14600				2.13	10	

Sample ID:	0812178-03C PDS	Batch ID:	32792		TestNo:		SW6020		Units:		mg/L
SampType:	PDS	Run ID:	ICP-MS3_081230A		Analysis Date:		12/30/08 02:04 PM		Prep Date:		12/22/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Sodium		40100	1500	25000	14600	102	75	125			

Sample ID:	0812178-03C SD	Batch ID:	32792		TestNo:		SW6020		Units:		mg/L
SampType:	SD	Run ID:	ICP-MS3_081230A		Analysis Date:		12/30/08 02:30 PM		Prep Date:		12/22/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Calcium		2320	750	0	2400				3.36	10	
Magnesium		692	750	0	692				0.145	10	
Potassium		266	750	0	254				4.61	10	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812178
Project: RRC - EOD (Snyder East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS3_081230A

Sample ID:	0812178-03C PDS	Batch ID:	32792	TestNo:	SW6020		Units:	mg/L	
SampType:	PDS	Run ID:	ICP-MS3_081230A	Analysis Date:	12/30/08 02:35 PM		Prep Date:	12/22/08	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Calcium	4790	150	2500	2400	95.6	75	125			
Magnesium	2930	150	2500	692	89.7	75	125			
Potassium	2750	150	2500	254	99.7	75	125			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812178
Project: RRC - EOD (Snyder East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS3_081230A

Sample ID:	ICV1-081230	Batch ID:	R41249	TestNo:	SW6020	Units:	mg/L
SampType:	ICV	Run ID:	ICP-MS3_081230A	Analysis Date:	12/30/08 12:11 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium	0.0973	0.0100	0.100	0	97.3	90	110			
Calcium	2.39	0.300	2.50	0	95.7	90	110			
Iron	2.55	0.150	2.50	0	102	90	110			
Magnesium	2.47	0.300	2.50	0	98.8	90	110			
Potassium	2.46	0.300	2.50	0	98.3	90	110			
Sodium	2.46	0.300	2.50	0	98.6	90	110			

Sample ID:	CCV1-081230	Batch ID:	R41249	TestNo:	SW6020	Units:	mg/L
SampType:	CCV	Run ID:	ICP-MS3_081230A	Analysis Date:	12/30/08 01:37 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium	0.198	0.0100	0.200	0	99.0	90	110			
Calcium	4.97	0.300	5.00	0	99.4	90	110			
Iron	4.79	0.150	5.00	0	95.8	90	110			
Magnesium	4.90	0.300	5.00	0	98.0	90	110			
Potassium	5.12	0.300	5.00	0	102	90	110			
Sodium	4.87	0.300	5.00	0	97.4	90	110			

Sample ID:	CCV2-081230	Batch ID:	R41249	TestNo:	SW6020	Units:	mg/L
SampType:	CCV	Run ID:	ICP-MS3_081230A	Analysis Date:	12/30/08 02:45 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Calcium	5.03	0.300	5.00	0	101	90	110			
Magnesium	4.72	0.300	5.00	0	94.3	90	110			
Potassium	5.09	0.300	5.00	0	102	90	110			
Sodium	4.73	0.300	5.00	0	94.5	90	110			

Sample ID:	CCV3-081230	Batch ID:	R41249	TestNo:	SW6020	Units:	mg/L
SampType:	CCV	Run ID:	ICP-MS3_081230A	Analysis Date:	12/30/08 03:37 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Calcium	5.02	0.300	5.00	0	100	90	110			
Sodium	4.56	0.300	5.00	0	91.1	90	110			

Sample ID:	CCV4-081230	Batch ID:	R41249	TestNo:	SW6020	Units:	mg/L
SampType:	CCV	Run ID:	ICP-MS3_081230A	Analysis Date:	12/30/08 05:13 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Calcium	5.17	0.300	5.00	0	103	90	110			
Iron	4.79	0.150	5.00	0	95.9	90	110			
Magnesium	4.82	0.300	5.00	0	96.5	90	110			
Potassium	5.19	0.300	5.00	0	104	90	110			
Sodium	4.82	0.300	5.00	0	96.3	90	110			

Sample ID:	CCV5-081230	Batch ID:	R41249	TestNo:	SW6020	Units:	mg/L
SampType:	CCV	Run ID:	ICP-MS3_081230A	Analysis Date:	12/30/08 06:20 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Calcium	5.02	0.300	5.00	0	100	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812178
Project: RRC - EOD (Snyder East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS3_081230A

Iron	4.64	0.150	5.00	0	92.8	90	110
Magnesium	4.73	0.300	5.00	0	94.6	90	110
Potassium	5.07	0.300	5.00	0	101	90	110
Sodium	4.72	0.300	5.00	0	94.4	90	110

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812178
Project: RRC - EOD (Snyder East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: IC2_081222A

Sample ID:	ICV-081222	Batch ID:	R41158	TestNo:	E300	Units:	mg/L
SampType:	ICV	Run ID:	IC2_081222A	Analysis Date:	12/22/08 09:01 AM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	24.8	1.00	25.00	0	99.2	90	110			
Sulfate	74.9	3.00	75.00	0	99.8	90	110			

Sample ID:	LCS-081222	Batch ID:	R41158	TestNo:	E300	Units:	mg/L
SampType:	LCS	Run ID:	IC2_081222A	Analysis Date:	12/22/08 09:18 AM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	9.56	1.00	10.00	0	95.6	90	110			
Sulfate	29.2	3.00	30.00	0	97.4	90	110			

Sample ID:	LCSD-081222	Batch ID:	R41158	TestNo:	E300	Units:	mg/L
SampType:	LCSD	Run ID:	IC2_081222A	Analysis Date:	12/22/08 09:32 AM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	9.49	1.00	10.00	0	94.9	90	110	0.679	20	
Sulfate	29.0	3.00	30.00	0	96.7	90	110	0.717	20	

Sample ID:	MB-081222	Batch ID:	R41158	TestNo:	E300	Units:	mg/L
SampType:	MBLK	Run ID:	IC2_081222A	Analysis Date:	12/22/08 09:47 AM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	ND	1.00								
Sulfate	ND	3.00								

Sample ID:	CCV1-081222	Batch ID:	R41158	TestNo:	E300	Units:	mg/L
SampType:	CCV	Run ID:	IC2_081222A	Analysis Date:	12/22/08 11:44 AM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	9.60	1.00	10.00	0	96.0	90	110			
Sulfate	29.1	3.00	30.00	0	96.9	90	110			

Sample ID:	0812178-03D MS	Batch ID:	R41158	TestNo:	E300	Units:	mg/L
SampType:	MS	Run ID:	IC2_081222A	Analysis Date:	12/22/08 12:30 PM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	29700	1000	10000	19330	104	90	110			

Sample ID:	0812178-03D MSD	Batch ID:	R41158	TestNo:	E300	Units:	mg/L
SampType:	MSD	Run ID:	IC2_081222A	Analysis Date:	12/22/08 12:45 PM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	29900	1000	10000	19330	105	90	110	0.469	20	

Sample ID:	0812178-03D MS	Batch ID:	R41158	TestNo:	E300	Units:	mg/L
SampType:	MS	Run ID:	IC2_081222A	Analysis Date:	12/22/08 01:14 PM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Sulfate	4440	300	3000	1481	98.8	90	110			

Sample ID:	0812178-03D MSD	Batch ID:	R41158	TestNo:	E300	Units:	mg/L
SampType:	MSD	Run ID:	IC2_081222A	Analysis Date:	12/22/08 01:29 PM	Prep Date:	12/22/08

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812178
Project: RRC - EOD (Snyder East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: IC2_081222A

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Sulfate	4500	300	3000	1481	101	90	110	1.27	20	

Sample ID:	CCV2-081222	Batch ID:	R41158	TestNo:	E300	Units:	mg/L
SampType:	CCV	Run ID:	IC2_081222A	Analysis Date:	12/22/08 02:28 PM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	9.76	1.00	10.00	0	97.6	90	110			
Sulfate	29.6	3.00	30.00	0	98.7	90	110			

Sample ID:	CCV3-081222	Batch ID:	R41158	TestNo:	E300	Units:	mg/L
SampType:	CCV	Run ID:	IC2_081222A	Analysis Date:	12/22/08 05:15 PM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	9.84	1.00	10.00	0	98.4	90	110			
Sulfate	29.4	3.00	30.00	0	98.1	90	110			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812178
Project: RRC - EOD (Snyder East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: IC2_090106A

Sample ID:	ICV-090106	Batch ID:	R41292		TestNo:		E300		Units:		mg/L
SampType:	ICV	Run ID:	IC2_090106A		Analysis Date:		01/06/09 10:48 AM		Prep Date:		01/06/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride		23.9	1.00	25.00	0	95.5	90	110			

Sample ID:	MB-090106	Batch ID:	R41292		TestNo:		E300		Units:		mg/L
SampType:	MBLK	Run ID:	IC2_090106A		Analysis Date:		01/06/09 11:11 AM		Prep Date:		01/06/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride		ND	1.00								

Sample ID:	CCV1-090106	Batch ID:	R41292		TestNo:		E300		Units:		mg/L
SampType:	CCV	Run ID:	IC2_090106A		Analysis Date:		01/06/09 01:41 PM		Prep Date:		01/06/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride		9.03	1.00	10.00	0	90.3	90	110			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812178
Project: RRC - EOD (Snyder East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: TITRATOR_081223A

Sample ID:	ICV-081223	Batch ID:	R41186	TestNo:	M2320 B	Units:	mg/L
SampType:	ICV	Run ID:	TITRATOR_081223A	Analysis Date:	12/23/08 03:53 PM	Prep Date:	12/23/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Alkalinity, Bicarbonate (As CaCO3)	6.00	20.0	0							
Alkalinity, Carbonate (As CaCO3)	94.9	20.0	0							
Alkalinity, Hydroxide (As CaCO3)	0	20.0	0							
Alkalinity, Total (As CaCO3)	101	20.0	100.0	0	101	98	102			

Sample ID:	MB-081223	Batch ID:	R41186	TestNo:	M2320 B	Units:	mg/L
SampType:	MBLK	Run ID:	TITRATOR_081223A	Analysis Date:	12/23/08 03:54 PM	Prep Date:	12/23/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Alkalinity, Bicarbonate (As CaCO3)	ND	20.0								
Alkalinity, Carbonate (As CaCO3)	ND	20.0								
Alkalinity, Hydroxide (As CaCO3)	ND	20.0								
Alkalinity, Total (As CaCO3)	ND	20.0								

Sample ID:	LCS-081223	Batch ID:	R41186	TestNo:	M2320 B	Units:	mg/L
SampType:	LCS	Run ID:	TITRATOR_081223A	Analysis Date:	12/23/08 03:58 PM	Prep Date:	12/23/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Alkalinity, Total (As CaCO3)	55.0	20.0	50.00	0	110	74	129			

Sample ID:	0812176-01B DUP	Batch ID:	R41186	TestNo:	M2320 B	Units:	mg/L
SampType:	DUP	Run ID:	TITRATOR_081223A	Analysis Date:	12/23/08 04:18 PM	Prep Date:	12/23/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Alkalinity, Bicarbonate (As CaCO3)	428	20.0	0	427.2				0.0702	20	
Alkalinity, Carbonate (As CaCO3)	21.2	20.0	0	21.80				2.79	20	
Alkalinity, Hydroxide (As CaCO3)	0	20.0	0	0				0	20	
Alkalinity, Total (As CaCO3)	449	20.0	0	449.0				0.0668	20	

Sample ID:	CCV1-081223	Batch ID:	R41186	TestNo:	M2320 B	Units:	mg/L
SampType:	CCV	Run ID:	TITRATOR_081223A	Analysis Date:	12/23/08 05:11 PM	Prep Date:	12/23/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Alkalinity, Bicarbonate (As CaCO3)	16.2	20.0	0							
Alkalinity, Carbonate (As CaCO3)	83.7	20.0	0							
Alkalinity, Hydroxide (As CaCO3)	0	20.0	0							
Alkalinity, Total (As CaCO3)	99.9	20.0	100.0	0	99.9	90	110			

Sample ID:	0812182-08D DUP	Batch ID:	R41186	TestNo:	M2320 B	Units:	mg/L
SampType:	DUP	Run ID:	TITRATOR_081223A	Analysis Date:	12/23/08 05:43 PM	Prep Date:	12/23/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Alkalinity, Bicarbonate (As CaCO3)	357	20.0	0	355.8				0.225	20	
Alkalinity, Carbonate (As CaCO3)	0	20.0	0	0				0	20	
Alkalinity, Hydroxide (As CaCO3)	0	20.0	0	0				0	20	
Alkalinity, Total (As CaCO3)	357	20.0	0	355.8				0.225	20	

Sample ID:	CCV2-081223	Batch ID:	R41186	TestNo:	M2320 B	Units:	mg/L
SampType:	CCV	Run ID:	TITRATOR_081223A	Analysis Date:	12/23/08 05:48 PM	Prep Date:	12/23/08

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812178
Project: RRC - EOD (Snyder East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: TITRATOR_081223A

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Alkalinity, Bicarbonate (As CaCO3)	21.0	20.0	0							
Alkalinity, Carbonate (As CaCO3)	82.9	20.0	0							
Alkalinity, Hydroxide (As CaCO3)	0	20.0	0							
Alkalinity, Total (As CaCO3)	104	20.0	100.0	0	104	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812178
Project: RRC - EOD (Snyder East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: WC_081222A

Sample ID:	MB-081222	Batch ID:	TDS_W-12/22/08	TestNo:	M2540C			Units:		mg/L	
SampType:	MBLK	Run ID:	WC_081222A	Analysis Date:	12/22/08 10:15 AM			Prep Date:		12/22/08	
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Fi		ND	10.0								

Sample ID:	LCS-081222	Batch ID:	TDS_W-12/22/08	TestNo:	M2540C			Units:		mg/L	
SampType:	LCS	Run ID:	WC_081222A	Analysis Date:	12/22/08 10:15 AM			Prep Date:		12/22/08	
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Fi		778	10.0	745.6	0	104	90	113			

Sample ID:	0812146-15D DUP	Batch ID:	TDS_W-12/22/08	TestNo:	M2540C			Units:		mg/L	
SampType:	DUP	Run ID:	WC_081222A	Analysis Date:	12/22/08 10:15 AM			Prep Date:		12/22/08	
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Fi		5080	10.0	0	5180				1.85	5	

Sample ID:	0812147-12D DUP	Batch ID:	TDS_W-12/22/08	TestNo:	M2540C			Units:		mg/L	
SampType:	DUP	Run ID:	WC_081222A	Analysis Date:	12/22/08 10:15 AM			Prep Date:		12/22/08	
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Fi		16100	10.0	0	16320				1.48	5	

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812178
Project: RRC - EOD (Snyder East O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: WC_081223C

Sample ID:	MB-081223	Batch ID:	TDS_W-12/23/08	TestNo:	M2540C			Units:	mg/L		
SampType:	MBLK	Run ID:	WC_081223C	Analysis Date:	12/23/08 10:50 AM			Prep Date:	12/23/08		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Fi		ND	10.0								

Sample ID:	LCS-081223	Batch ID:	TDS_W-12/23/08	TestNo:	M2540C			Units:	mg/L		
SampType:	LCS	Run ID:	WC_081223C	Analysis Date:	12/23/08 10:50 AM			Prep Date:	12/23/08		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Fi		742	10.0	745.6	0	99.5	90	113			

Sample ID:	0812178-06D DUP	Batch ID:	TDS_W-12/23/08	TestNo:	M2540C			Units:	mg/L		
SampType:	DUP	Run ID:	WC_081223C	Analysis Date:	12/23/08 10:50 AM			Prep Date:	12/23/08		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Fi		43600	10.0	0	42280				3.07	5	

Sample ID:	0812182-14D DUP	Batch ID:	TDS_W-12/23/08	TestNo:	M2540C			Units:	mg/L		
SampType:	DUP	Run ID:	WC_081223C	Analysis Date:	12/23/08 10:50 AM			Prep Date:	12/23/08		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Fi		33700	10.0	0	33420				0.775	5	

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

January 07, 2009

Barrett Clark
TRC Environmental Corp.
505 East Huntland Drive Suite 250
Austin, Texas 78752

TEL: (512) 329-6080
FAX: (512) 329-8750

Order No: 0812182

RE: RRC- WOD (Snyder: West O'Daniel)

Dear Barrett Clark:

DHL Analytical received 16 sample(s) on 12/19/2008 for the analyses presented in the following report.

There were no problems with the analyses and all data met requirements of NELAC except where noted in the Case Narrative. All non-NELAC methods will be identified accordingly in the case narrative and all estimated uncertainties of test results are within method or EPA specifications.

If you have any questions regarding these tests results, please feel free to call. Thank you for using DHL Analytical.

Sincerely,

John DuPont
Lab Manager

This report was performed under the accreditation of the State of Texas Laboratory Certification Number: T104704211-08A-TX

Table of Contents

DHL ANALYTICAL

2300 Double Creek Drive • Round Rock, TX 78664
Phone (512) 388-8222 • FAX (512) 388-8229

№ 38958

CHAIN-OF-CUSTODY

CLIENT: TRC
ADDRESS: 505 E. Huntland #250
PHONE: 512-329-6080 FAX 512-329-8750
DATA REPORTED TO: B. Clark
ADDITIONAL REPORT COPIES TO: J. Harte

DATE: 12/18/08 PAGE 1 OF 2
PO #: ______ DHL WORK ORDER #: 0812182
PROJECT LOCATION OR NAME: RRC-WOD (Snyder, Westo David)
CLIENT PROJECT #: 165296 COLLECTOR: BCRK

Authorize 5% surcharge for TRRP report? ☐ Yes ☒ No

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

Field Sample I.D.	DHL Lab #	Date	Time	Matrix	Container Type	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESERVED	BTEX ☒ MTBE ☐	TRPH 418.1 ☐ TPH 1005 ☒ TPH 1006 ☐	GASOLINE MOD 8015 ☐	DIESEL - MOD 8015 ☐	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TCLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☒ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDE ☐ ANIONS ☐ ALKALINITY ☒ (Carbonate & Bicarbonate)	Anions (Chloride, Sulfate)	Cations (Ca, Na, Mg, Fe, K, Ba)	FIELD NOTES
S-S-02	01	12/18/08	900	W	500, 40ml	8	X	X		X	X	X	X												X			X	X	X	*TRRP Limits*
S-OB-01	02		945	W		8	X	X		X	X	X	X												X			X	X	X	
S-Sump-01	03		1000	W		8	X	X		X	X	X	X												X			X	X	X	
S-Sump-02	04		1040	W		8	X	X		X	X	X	X												X			X	X	X	
S-S-01	05		1100	W		8	X	X		X	X	X	X												X			X	X	X	
Pump Effluent	06		1130	W		8	X	X		X	X	X	X												X			X	X	X	
S-WW-53	07	12/17/08	1415	W		8	X	X		X	X	X	X												X			X	X	X	
S-WW-52	08		1445	W		8	X	X		X	X	X	X												X			X	X	X	
S-MW-07	09		1535	W		8	X	X		X	X	X	X												X			X	X	X	
S-MW-06	10		1445	W		8	X	X		X	X	X	X												X			X	X	X	
S-MW-04	11		1330	W		8	X	X		X	X	X	X												X			X	X	X	
S-MW-04-D	12		1330	W		8	X	X		X	X	X	X												X			X	X	X	
S-MW-02	13		1205	W		8	X	X		X	X	X	X												X			X	X	X	
S-MW-03	14		1125	W		8	X	X		X	X	X	X												X			X	X	X	
~~S-MW-05~~	~~15~~																														
TOTAL																															

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
[signature]	12/18/08 1530	
[signature]	12/18/08 1530	FedEx
FedEx	12/19/08 13:45	[signature]

☐ DHL DISPOSAL @ $5.00 each ☐ Return

TURN AROUND TIME
RUSH ☐ CALL FIRST
1 DAY ☐ CALL FIRST
2 DAY ☐
NORMAL ☒
OTHER ☐ ___

LABORATORY USE ONLY:
RECEIVING TEMP: 3.2°/3.1° THERM #: 57
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☒ CARRIER BILL # FedEx
☐ APC DELIVERY
☐ HAND DELIVERED

DHL ANALYTICAL

2300 Double Creek Drive • Round Rock, TX 78664
Phone (512) 388-8222 • FAX (512) 388-8229

№ 37511

CHAIN-OF-CUSTODY

CLIENT: TRE
ADDRESS: 505 E. Huntland #250
PHONE: 512-329-6080 FAX 512-329-8750
DATA REPORTED TO: B. Clark
ADDITIONAL REPORT COPIES TO: S. Hoke

DATE: 12/18/08 PAGE 2 OF 2
PO #: DHL WORK ORDER #: 0812182
PROJECT LOCATION OR NAME: RRE WOD (Snyder, Westbrook)
CLIENT PROJECT #: 165276 COLLECTOR: BCR

Authorize 5% surcharge for TRRP report? ☐ Yes ☒ No

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

PRESERVATION: HCl | HNO_3 | H_2SO_4 ☐ NaOH ☐ | ICE | UNPRESERVED

ANALYSES: BTEX/MTBE ☐ | TRPH 418.1 ☐ | TPH 1005 ☐ TPH 1006 ☐ | GASOLINE MOD 8015 ☐ | DIESEL - MOD 8015 ☐ | VOC 8260 ☐ | SVOC 8270 ☐ | PAH 8270 ☐ HOLDPAH ☐ | 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TCLP - METALS (RCRA) ☐ TCLP VOC ☐ | TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ OTHER LIST ☐ | LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐ | RCI ☐ TOX ☐ FLASHPOINT ☐ | TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ | pH ☐ HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ PECHLORATE ☐ | CHLORIDE ☐ ANIONS ☐ ALKALINITY ☐

Field Sample I.D.	DHL Lab #	Date	Time	Matrix	Container Type	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESERVED	BTEX/MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☐	DIESEL - MOD 8015 ☐	VOC 8260 ☐	SVOC 8270 ☐	PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TCLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDE ☐ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
S-TB-12-18-08-01	TB	12/18/08	—	W	4oz	2	X			X		X																					TRIP BLANKS
S-TB-12-18-08-02	TB	↓	—	W	↓	3	X			X		X																					* TRRP Limits
S-TB-12-18-08-03	TB	↓	—	W	↓	3	X			X		X																					

TOTAL

RELINQUISHED BY: (Signature) DATE/TIME 12/18/08 1530 RECEIVED BY: (Signature)
RELINQUISHED BY: (Signature) DATE/TIME 12/18/08 1530 RECEIVED BY: (Signature) Fed up
RELINQUISHED BY: (Signature) Fed up DATE/TIME 12/19/08 1324 RECEIVED BY: (Signature)

☐ DHL DISPOSAL @ $5.00 each ☐ Return

TURN AROUND TIME
RUSH ☐ CALL FIRST
1 DAY ☐ CALL FIRST
2 DAY ☐
NORMAL ☒
OTHER ☐ ____

LABORATORY USE ONLY:
RECEIVING TEMP: 3.2°/3.1° THERM #: 57
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☒ CARRIER BILL # Fedex
☐ APC DELIVERY
☐ HAND DELIVERED

FedEx. US Airbill
Express

8681 5800 9725

0200 Form ID No.

FedEx Copy

1 From
Date 12/4/08 Sender's FedEx Account Number 1402446690
Sender's Name Barrett Clark Phone 512 324-6080
Company TRC
Address 505 E. Huntland Dr 250 Dept./Floor/Suite/Room
City Austin State TX ZIP 78752

2 Your Internal Billing Reference 165296.000002

3 To
Recipient's Name Receiving Phone 512 388-8222
Company DHL Analytical
Recipient's Address
We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room
Address 2300 Double Creek Dr
To request a package be held at a specific FedEx location, print FedEx address here.
City Round Rock State TX ZIP 78664

8681 5800 9725

4a Express Package Service — Packages up to 150 lbs.
1 [ ] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
5 [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
6 [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
3 [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
20 [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.
FedEx Envelope rate not available. Minimum charge: One-pound rate.
* To most locations.

4b Express Freight Service — Packages over 150 lbs.
7 [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
8 [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
83 [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.
* Call for Confirmation.
** To most locations.

5 Packaging
6 [ ] FedEx Envelope* 2 [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak. 3 [ ] FedEx Box 4 [ ] FedEx Tube 1 [X] Other
* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.
3 [ ] SATURDAY DELIVERY
1 [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
31 [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.
Does this shipment contain dangerous goods? One box must be checked.
[X] No 4 [ ] Yes — As per attached Shipper's Declaration. [ ] Yes — Shipper's Declaration not required. 6 [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.
[ ] Cargo Aircraft Only

7 Payment — Bill to: — Enter FedEx Acct. No. or Credit Card No. below. — Obtain Recip Acct. No. [ ]
1 [X] Sender — Acct. No. in Section 1 will be billed. 2 [ ] Recipient 3 [ ] Third Party 4 [ ] Credit Card 5 [ ] Cash/Check
FedEx Acct. No. / Credit Card No. Exp. Date
Total Packages: 3 Total Weight: 175 Total Declared Value†: $ .00
†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details. Credit Card Auth.

8 Residential Delivery Signature Options — If you require a signature, check Direct or Indirect.
[ ] No Signature Required — Package may be left without obtaining a signature for delivery.
10 [ ] Direct Signature — Someone at recipient's address may sign for delivery. Fee applies.
34 [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. Fee applies.
520

Rev. Date 10/08 Part #153281 ©1994–2008 FedEx PRINTED IN U.S.A. SRY

CUSTODY SEAL
DATE 12/4/08
SIGNATURE

QEC
Quality Environmental Containers
800-255-3950 • 304-255-3900

FedEx. US Airbill
Express

8681 5800 9725

0200 Form ID No.

FedEx Copy

1 From

Date 12/4/08 Sender's FedEx Account Number 1402466?

Sender's Name Barrett Clark Phone 512 324-6080

Company TRC

Address 505 E. Huntland Dr Dept/Floor/Suite/Room 250

City Austin State TX ZIP 78752

2 Your Internal Billing Reference 165296.000002

3 To

Recipient's Name Receiving Phone 512 388-8222

Company DHL Analytical

Recipient's Address

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept/Floor/Suite/Room

Address 2300 Double Creek Dr

To request a package be held at a specific FedEx location, print FedEx address here.

City Round Rock State TX ZIP 78664

4a Express Package Service *Packages up to 150 lbs.*

1 ☒ FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

5 ☐ FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.

6 ☐ FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.

3 ☐ FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

20 ☐ FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate. * To most locations.

4b Express Freight Service *Packages over 150 lbs.*

7 ☐ FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

8 ☐ FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

83 ☐ FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: ** To most locations.

5 Packaging

6 ☐ FedEx Envelope* 2 ☐ FedEx Pak* Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak. 3 ☐ FedEx Box 4 ☐ FedEx Tube 1 ☒ Other

* Declared value limit $500.

6 Special Handling Include FedEx address in Section 3.

3 ☐ SATURDAY DELIVERY

1 ☐ HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.

31 ☐ HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

☒ No 4 ☐ Yes — As per attached Shipper's Declaration. ☐ Yes — Shipper's Declaration not required. 6 ☐ Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging. ☐ Cargo Aircraft Only

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip Acct. No. ☐

1 ☒ Sender Acct. No. in Section 1 will be billed. 2 ☐ Recipient 3 ☐ Third Party 4 ☐ Credit Card 5 ☐ Cash/Check

FedEx Acct. No. / Credit Card No. Exp. Date

Total Packages	Total Weight	Total Declared Value†
3	175	$ .00

†Our liability limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details. Signature Auth.

8 Residential Delivery Signature Options

☐ No Signature Required — Package may be left without obtaining signature for delivery. Direct Signature

Rev. Date

8681 5800 9725

CUSTODY SEAL
DATE 12/8/08
SIGNATURE

QEC
Quality Environmental Containers
800-255-3950 • 304-255-3900

DHL Analytical

Sample Receipt Checklist

Client Name **TRC Environmental Corp.** Date Received: **12/19/2008**

Work Order Number **0812182** Received by **JB**

Checklist completed by: Signature 12/19/08 Date Reviewed by Initials 12/19/08 Date

Carrier name: FedEx 1day

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	Not Applicable ☐

Adjusted? NO Checked by

Any No response must be detailed in the comments section below.

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

CLIENT: TRC Environmental Corp.
Project: RRC- WOD (Snyder: West O'Daniel)
Lab Order: 0812182

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition.

Method SW6020 - Metals Analysis
Method SW8021B - Volatile Organics by GC
Method E300 - Anions Analysis
Method Tx1005 - Total Petroleum Hydrocarbons
Method M2320 B (18th Edition) - Alkalinity Analysis
Method M2540C (18th Edition) - TDS Analysis

LOG IN

Samples were received and log-in performed on 12/19/08. A total of 16 samples were received. The samples arrived in good condition and were properly packaged.

METALS ANALYSIS

For Metals analysis performed on 12/30/08 the matrix spike and matrix spike duplicate recoveries were out of control limits for Calcium and Sodium. These are flagged accordingly in the QC summary report. The reference sample selected for the matrix spike and matrix spike duplicate was from this work order. The LCS was within control limits for these analytes. No further corrective actions were taken.

CLIENT: TRC Environmental Corp.
Project: RRC- WOD (Snyder: West O'Daniel)
Lab Order: 0812182

Work Order Sample Summary

Lab Smp ID	Client Sample ID	Tag Number	Date Collected	Date Recv'd
0812182-01	S-S-02		12/18/08 09:00 AM	12/19/08
0812182-02	S-OB-01		12/18/08 09:45 AM	12/19/08
0812182-03	S-Sump-01		12/18/08 10:00 AM	12/19/08
0812182-04	S-Sump-02		12/18/08 10:40 AM	12/19/08
0812182-05	S-S-01		12/18/08 11:00 AM	12/19/08
0812182-06	Pump Effluent		12/18/08 11:30 AM	12/19/08
0812182-07	S-WW-53		12/17/08 02:15 PM	12/19/08
0812182-08	S-WW-52		12/17/08 02:45 PM	12/19/08
0812182-09	S-MW-07		12/17/08 03:35 PM	12/19/08
0812182-10	S-MW-06		12/17/08 02:45 PM	12/19/08
0812182-11	S-MW-04		12/17/08 01:30 PM	12/19/08
0812182-12	S-MW-04-D		12/17/08 01:30 PM	12/19/08
0812182-13	S-MW-02		12/17/08 12:05 PM	12/19/08
0812182-14	S-MW-03		12/17/08 11:25 AM	12/19/08
0812182-15	S-TB-12-18-08-01		12/18/08	12/19/08
0812182-16	S-TB-12-18-08-02		12/18/08	12/19/08

CLIENT: TRC Environmental Corp.
Project: RRC- WOD (Snyder: West O'Daniel)
Lab Order: 0812182

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
0812182-01A	S-S-02	12/18/08 09:00 AM	Aqueous	SW5030B	Purge and Trap Water GC	12/22/08 08:57 AM	32796
0812182-01B	S-S-02	12/18/08 09:00 AM	Aqueous	TX1005	TX1005 Water Prep	12/23/08 09:56 AM	32822
0812182-01C	S-S-02	12/18/08 09:00 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793
	S-S-02	12/18/08 09:00 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793
	S-S-02	12/18/08 09:00 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793
0812182-01D	S-S-02	12/18/08 09:00 AM	Aqueous	E300	Anion Preparation	12/22/08	R41158
	S-S-02	12/18/08 09:00 AM	Aqueous	E300	Anion Preparation	12/22/08	R41158
	S-S-02	12/18/08 09:00 AM	Aqueous	E300	Anion Preparation	01/07/09	R41306
	S-S-02	12/18/08 09:00 AM	Aqueous	M2320 B	Alkalinity Preparation	12/30/08 11:51 AM	R41232
	S-S-02	12/18/08 09:00 AM	Aqueous	M2540C	TDS Preparation	12/23/08	TDS_W-12/23/08
0812182-02A	S-OB-01	12/18/08 09:45 AM	Aqueous	SW5030B	Purge and Trap Water GC	12/22/08 08:57 AM	32796
0812182-02B	S-OB-01	12/18/08 09:45 AM	Aqueous	TX1005	TX1005 Water Prep	12/23/08 09:56 AM	32822
0812182-02C	S-OB-01	12/18/08 09:45 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793
	S-OB-01	12/18/08 09:45 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793
0812182-02D	S-OB-01	12/18/08 09:45 AM	Aqueous	E300	Anion Preparation	12/22/08	R41158
	S-OB-01	12/18/08 09:45 AM	Aqueous	E300	Anion Preparation	12/22/08	R41158
	S-OB-01	12/18/08 09:45 AM	Aqueous	E300	Anion Preparation	01/07/09	R41306
	S-OB-01	12/18/08 09:45 AM	Aqueous	M2320 B	Alkalinity Preparation	12/30/08 11:59 AM	R41232
	S-OB-01	12/18/08 09:45 AM	Aqueous	M2540C	TDS Preparation	12/23/08	TDS_W-12/23/08
0812182-03A	S-Sump-01	12/18/08 10:00 AM	Aqueous	SW5030B	Purge and Trap Water GC	12/22/08 08:57 AM	32796
0812182-03B	S-Sump-01	12/18/08 10:00 AM	Aqueous	TX1005	TX1005 Water Prep	12/23/08 09:56 AM	32822
0812182-03C	S-Sump-01	12/18/08 10:00 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793
	S-Sump-01	12/18/08 10:00 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793
0812182-03D	S-Sump-01	12/18/08 10:00 AM	Aqueous	E300	Anion Preparation	12/23/08	R41176
	S-Sump-01	12/18/08 10:00 AM	Aqueous	E300	Anion Preparation	12/23/08	R41176
	S-Sump-01	12/18/08 10:00 AM	Aqueous	M2320 B	Alkalinity Preparation	12/30/08 12:04 PM	R41232
	S-Sump-01	12/18/08 10:00 AM	Aqueous	M2540C	TDS Preparation	12/23/08	TDS_W-12/23/08
0812182-04A	S-Sump-02	12/18/08 10:40 AM	Aqueous	SW5030B	Purge and Trap Water GC	12/22/08 08:57 AM	32796
0812182-04B	S-Sump-02	12/18/08 10:40 AM	Aqueous	TX1005	TX1005 Water Prep	12/23/08 09:56 AM	32822

CLIENT: TRC Environmental Corp.
Project: RRC- WOD (Snyder: West O'Daniel)
Lab Order: 0812182

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
0812182-04C	S-Sump-02	12/18/08 10:40 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793
	S-Sump-02	12/18/08 10:40 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793
0812182-04D	S-Sump-02	12/18/08 10:40 AM	Aqueous	E300	Anion Preparation	12/23/08	R41176
	S-Sump-02	12/18/08 10:40 AM	Aqueous	E300	Anion Preparation	12/23/08	R41176
	S-Sump-02	12/18/08 10:40 AM	Aqueous	E300	Anion Preparation	12/23/08	R41176
	S-Sump-02	12/18/08 10:40 AM	Aqueous	M2320 B	Alkalinity Preparation	12/30/08 12:09 PM	R41232
	S-Sump-02	12/18/08 10:40 AM	Aqueous	M2540C	TDS Preparation	12/23/08	TDS_W-12/23/08
0812182-05A	S-S-01	12/18/08 11:00 AM	Aqueous	SW5030B	Purge and Trap Water GC	12/22/08 08:57 AM	32796
0812182-05B	S-S-01	12/18/08 11:00 AM	Aqueous	TX1005	TX1005 Water Prep	12/23/08 09:56 AM	32822
0812182-05C	S-S-01	12/18/08 11:00 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793
	S-S-01	12/18/08 11:00 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793
0812182-05D	S-S-01	12/18/08 11:00 AM	Aqueous	E300	Anion Preparation	12/22/08	R41158
	S-S-01	12/18/08 11:00 AM	Aqueous	E300	Anion Preparation	12/22/08	R41158
	S-S-01	12/18/08 11:00 AM	Aqueous	M2320 B	Alkalinity Preparation	12/30/08 12:17 PM	R41232
	S-S-01	12/18/08 11:00 AM	Aqueous	M2540C	TDS Preparation	12/23/08	TDS_W-12/23/08
0812182-06A	Pump Effluent	12/18/08 11:30 AM	Aqueous	SW5030B	Purge and Trap Water GC	12/22/08 08:57 AM	32796
0812182-06B	Pump Effluent	12/18/08 11:30 AM	Aqueous	TX1005	TX1005 Water Prep	12/23/08 09:56 AM	32822
0812182-06C	Pump Effluent	12/18/08 11:30 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793
	Pump Effluent	12/18/08 11:30 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793
0812182-06D	Pump Effluent	12/18/08 11:30 AM	Aqueous	E300	Anion Preparation	12/23/08	R41176
	Pump Effluent	12/18/08 11:30 AM	Aqueous	E300	Anion Preparation	12/23/08	R41176
	Pump Effluent	12/18/08 11:30 AM	Aqueous	E300	Anion Preparation	01/07/09	R41306
	Pump Effluent	12/18/08 11:30 AM	Aqueous	M2320 B	Alkalinity Preparation	12/30/08 12:25 PM	R41232
	Pump Effluent	12/18/08 11:30 AM	Aqueous	M2540C	TDS Preparation	12/23/08	TDS_W-12/23/08
0812182-07A	S-WW-53	12/17/08 02:15 PM	Aqueous	SW5030B	Purge and Trap Water GC	12/22/08 08:57 AM	32796
0812182-07B	S-WW-53	12/17/08 02:15 PM	Aqueous	TX1005	TX1005 Water Prep	12/23/08 09:56 AM	32822
0812182-07C	S-WW-53	12/17/08 02:15 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793
	S-WW-53	12/17/08 02:15 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793
	S-WW-53	12/17/08 02:15 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793

CLIENT: TRC Environmental Corp.
Project: RRC- WOD (Snyder: West O'Daniel)
Lab Order: 0812182

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
0812182-07D	S-WW-53	12/17/08 02:15 PM	Aqueous	E300	Anion Preparation	12/23/08	R41176
	S-WW-53	12/17/08 02:15 PM	Aqueous	E300	Anion Preparation	12/23/08	R41176
	S-WW-53	12/17/08 02:15 PM	Aqueous	E300	Anion Preparation	01/07/09	R41306
	S-WW-53	12/17/08 02:15 PM	Aqueous	M2320 B	Alkalinity Preparation	12/23/08 05:22 PM	R41186
	S-WW-53	12/17/08 02:15 PM	Aqueous	M2540C	TDS Preparation	12/23/08	TDS_W-12/23/08
0812182-08A	S-WW-52	12/17/08 02:45 PM	Aqueous	SW5030B	Purge and Trap Water GC	12/22/08 08:57 AM	32796
0812182-08B	S-WW-52	12/17/08 02:45 PM	Aqueous	TX1005	TX1005 Water Prep	12/23/08 09:56 AM	32822
0812182-08C	S-WW-52	12/17/08 02:45 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793
	S-WW-52	12/17/08 02:45 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793
	S-WW-52	12/17/08 02:45 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793
0812182-08D	S-WW-52	12/17/08 02:45 PM	Aqueous	E300	Anion Preparation	12/23/08	R41176
	S-WW-52	12/17/08 02:45 PM	Aqueous	E300	Anion Preparation	12/23/08	R41176
	S-WW-52	12/17/08 02:45 PM	Aqueous	M2320 B	Alkalinity Preparation	12/23/08 05:32 PM	R41186
	S-WW-52	12/17/08 02:45 PM	Aqueous	M2540C	TDS Preparation	12/23/08	TDS_W-12/23/08
0812182-09A	S-MW-07	12/17/08 03:35 PM	Aqueous	SW5030B	Purge and Trap Water GC	12/22/08 08:57 AM	32796
0812182-09B	S-MW-07	12/17/08 03:35 PM	Aqueous	TX1005	TX1005 Water Prep	12/23/08 09:56 AM	32822
0812182-09C	S-MW-07	12/17/08 03:35 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793
	S-MW-07	12/17/08 03:35 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793
0812182-09D	S-MW-07	12/17/08 03:35 PM	Aqueous	E300	Anion Preparation	12/23/08	R41176
	S-MW-07	12/17/08 03:35 PM	Aqueous	E300	Anion Preparation	12/23/08	R41176
	S-MW-07	12/17/08 03:35 PM	Aqueous	E300	Anion Preparation	01/07/09	R41306
	S-MW-07	12/17/08 03:35 PM	Aqueous	M2320 B	Alkalinity Preparation	12/30/08 11:07 AM	R41232
	S-MW-07	12/17/08 03:35 PM	Aqueous	M2540C	TDS Preparation	12/23/08	TDS_W-12/23/08
0812182-10A	S-MW-06	12/17/08 02:45 PM	Aqueous	SW5030B	Purge and Trap Water GC	12/22/08 08:57 AM	32796
0812182-10B	S-MW-06	12/17/08 02:45 PM	Aqueous	TX1005	TX1005 Water Prep	12/30/08 11:45 AM	32868
0812182-10C	S-MW-06	12/17/08 02:45 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793
	S-MW-06	12/17/08 02:45 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793
0812182-10D	S-MW-06	12/17/08 02:45 PM	Aqueous	E300	Anion Preparation	12/23/08	R41176
	S-MW-06	12/17/08 02:45 PM	Aqueous	E300	Anion Preparation	12/23/08	R41176

CLIENT: TRC Environmental Corp.
Project: RRC- WOD (Snyder: West O'Daniel)
Lab Order: 0812182

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
	S-MW-06	12/17/08 02:45 PM	Aqueous	E300	Anion Preparation	01/07/09	R41306
	S-MW-06	12/17/08 02:45 PM	Aqueous	M2320 B	Alkalinity Preparation	12/30/08 11:21 AM	R41232
	S-MW-06	12/17/08 02:45 PM	Aqueous	M2540C	TDS Preparation	12/23/08	TDS_W-12/23/08
0812182-11A	S-MW-04	12/17/08 01:30 PM	Aqueous	SW5030B	Purge and Trap Water GC	12/22/08 08:57 AM	32796
0812182-11B	S-MW-04	12/17/08 01:30 PM	Aqueous	TX1005	TX1005 Water Prep	12/30/08 11:45 AM	32868
0812182-11C	S-MW-04	12/17/08 01:30 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793
	S-MW-04	12/17/08 01:30 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793
	S-MW-04	12/17/08 01:30 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793
	S-MW-04	12/17/08 01:30 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793
0812182-11D	S-MW-04	12/17/08 01:30 PM	Aqueous	E300	Anion Preparation	12/23/08	R41176
	S-MW-04	12/17/08 01:30 PM	Aqueous	E300	Anion Preparation	12/23/08	R41176
	S-MW-04	12/17/08 01:30 PM	Aqueous	M2320 B	Alkalinity Preparation	12/30/08 11:25 AM	R41232
	S-MW-04	12/17/08 01:30 PM	Aqueous	M2540C	TDS Preparation	12/23/08	TDS_W-12/23/08
0812182-12A	S-MW-04-D	12/17/08 01:30 PM	Aqueous	SW5030B	Purge and Trap Water GC	12/22/08 08:57 AM	32796
0812182-12B	S-MW-04-D	12/17/08 01:30 PM	Aqueous	TX1005	TX1005 Water Prep	12/30/08 11:45 AM	32868
0812182-12C	S-MW-04-D	12/17/08 01:30 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793
	S-MW-04-D	12/17/08 01:30 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793
	S-MW-04-D	12/17/08 01:30 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793
0812182-12D	S-MW-04-D	12/17/08 01:30 PM	Aqueous	E300	Anion Preparation	12/30/08	R41228
	S-MW-04-D	12/17/08 01:30 PM	Aqueous	E300	Anion Preparation	12/30/08	R41228
	S-MW-04-D	12/17/08 01:30 PM	Aqueous	M2320 B	Alkalinity Preparation	12/30/08 11:30 AM	R41232
	S-MW-04-D	12/17/08 01:30 PM	Aqueous	M2540C	TDS Preparation	12/23/08	TDS_W-12/23/08
0812182-13A	S-MW-02	12/17/08 12:05 PM	Aqueous	SW5030B	Purge and Trap Water GC	12/22/08 08:57 AM	32796
0812182-13B	S-MW-02	12/17/08 12:05 PM	Aqueous	TX1005	TX1005 Water Prep	12/30/08 11:45 AM	32868
0812182-13C	S-MW-02	12/17/08 12:05 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793
	S-MW-02	12/17/08 12:05 PM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793
0812182-13D	S-MW-02	12/17/08 12:05 PM	Aqueous	E300	Anion Preparation	12/30/08	R41228
	S-MW-02	12/17/08 12:05 PM	Aqueous	E300	Anion Preparation	12/30/08	R41228
	S-MW-02	12/17/08 12:05 PM	Aqueous	M2320 B	Alkalinity Preparation	12/30/08 11:38 AM	R41232

CLIENT: TRC Environmental Corp.
Project: RRC- WOD (Snyder: West O'Daniel)
Lab Order: 0812182

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
	S-MW-02	12/17/08 12:05 PM	Aqueous	M2540C	TDS Preparation	12/23/08	TDS_W-12/23/08
0812182-14A	S-MW-03	12/17/08 11:25 AM	Aqueous	SW5030B	Purge and Trap Water GC	12/22/08 08:57 AM	32796
0812182-14B	S-MW-03	12/17/08 11:25 AM	Aqueous	TX1005	TX1005 Water Prep	12/30/08 11:45 AM	32868
0812182-14C	S-MW-03	12/17/08 11:25 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793
	S-MW-03	12/17/08 11:25 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793
	S-MW-03	12/17/08 11:25 AM	Aqueous	SW3005A	Aq Prep Metals : ICP-MS	12/22/08 08:51 AM	32793
0812182-14D	S-MW-03	12/17/08 11:25 AM	Aqueous	E300	Anion Preparation	12/30/08	R41228
	S-MW-03	12/17/08 11:25 AM	Aqueous	E300	Anion Preparation	12/30/08	R41228
	S-MW-03	12/17/08 11:25 AM	Aqueous	M2320 B	Alkalinity Preparation	12/30/08 11:44 AM	R41232
	S-MW-03	12/17/08 11:25 AM	Aqueous	M2540C	TDS Preparation	12/23/08	TDS_W-12/23/08
0812182-15A	S-TB-12-18-08-01	12/18/08	Trip Blank	SW5030B	Purge and Trap Water GC	12/22/08 08:57 AM	32796
0812182-16A	S-TB-12-18-08-02	12/18/08	Trip Blank	SW5030B	Purge and Trap Water GC	12/22/08 08:57 AM	32796

CLIENT: TRC Environmental Corp.
Project: RRC- WOD (Snyder: West O'Daniel)
Lab Order: 0812182

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
0812182-01A	S-S-02	Aqueous	SW8021B	Volatile Organics by GC	32796	1	12/22/08 12:26 PM	GC8_081222A
0812182-01B	S-S-02	Aqueous	TX1005	Tx1005 TPH Water	32822	1	12/23/08 06:00 PM	GC12_081223B
0812182-01C	S-S-02	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	5	12/30/08 05:23 PM	ICP-MS2_081230A
	S-S-02	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	1	12/31/08 04:59 PM	ICP-MS2_081231A
	S-S-02	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	1000	12/30/08 04:26 PM	ICP-MS3_081230A
0812182-01D	S-S-02	Aqueous	M2320 B	Alkalinity	R41232	1	12/30/08 11:51 AM	TITRATOR_081230A
	S-S-02	Aqueous	E300	Anions by IC method - Water	R41158	10	12/22/08 03:59 PM	IC2_081222A
	S-S-02	Aqueous	E300	Anions by IC method - Water	R41158	1000	12/22/08 04:29 PM	IC2_081222A
	S-S-02	Aqueous	E300	Anions by IC method - Water	R41306	2000	01/07/09 09:29 AM	IC2_090107A
	S-S-02	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/23/08	1	12/23/08 10:50 AM	WC_081223C
0812182-02A	S-OB-01	Aqueous	SW8021B	Volatile Organics by GC	32796	1	12/22/08 12:44 PM	GC8_081222A
0812182-02B	S-OB-01	Aqueous	TX1005	Tx1005 TPH Water	32822	1	12/23/08 06:09 PM	GC12_081223B
0812182-02C	S-OB-01	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	5	12/30/08 05:29 PM	ICP-MS2_081230A
	S-OB-01	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	1000	12/30/08 04:31 PM	ICP-MS3_081230A
0812182-02D	S-OB-01	Aqueous	M2320 B	Alkalinity	R41232	1	12/30/08 11:59 AM	TITRATOR_081230A
	S-OB-01	Aqueous	E300	Anions by IC method - Water	R41158	1000	12/22/08 04:43 PM	IC2_081222A
	S-OB-01	Aqueous	E300	Anions by IC method - Water	R41158	100	12/22/08 04:58 PM	IC2_081222A
	S-OB-01	Aqueous	E300	Anions by IC method - Water	R41306	2000	01/07/09 09:44 AM	IC2_090107A
	S-OB-01	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/23/08	1	12/23/08 10:50 AM	WC_081223C
0812182-03A	S-Sump-01	Aqueous	SW8021B	Volatile Organics by GC	32796	1	12/22/08 01:02 PM	GC8_081222A
0812182-03B	S-Sump-01	Aqueous	TX1005	Tx1005 TPH Water	32822	1	12/23/08 06:17 PM	GC12_081223B
0812182-03C	S-Sump-01	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	5	12/30/08 03:41 PM	ICP-MS2_081230A
	S-Sump-01	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	1000	12/30/08 02:09 PM	ICP-MS3_081230A
0812182-03D	S-Sump-01	Aqueous	M2320 B	Alkalinity	R41232	1	12/30/08 12:04 PM	TITRATOR_081230A
	S-Sump-01	Aqueous	E300	Anions by IC method - Water	R41176	100	12/23/08 10:15 AM	IC2_081223A
	S-Sump-01	Aqueous	E300	Anions by IC method - Water	R41176	1000	12/23/08 10:30 AM	IC2_081223A
	S-Sump-01	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/23/08	1	12/23/08 10:50 AM	WC_081223C
0812182-04A	S-Sump-02	Aqueous	SW8021B	Volatile Organics by GC	32796	1	12/22/08 01:20 PM	GC8_081222A
0812182-04B	S-Sump-02	Aqueous	TX1005	Tx1005 TPH Water	32822	1	12/23/08 06:26 PM	GC12_081223B

CLIENT: TRC Environmental Corp.
Project: RRC- WOD (Snyder: West O'Daniel)
Lab Order: 0812182

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
0812182-04C	S-Sump-02	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	5	12/30/08 05:34 PM	ICP-MS2_081230A
	S-Sump-02	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	1000	12/30/08 04:37 PM	ICP-MS3_081230A
0812182-04D	S-Sump-02	Aqueous	M2320 B	Alkalinity	R41232	1	12/30/08 12:09 PM	TITRATOR_081230A
	S-Sump-02	Aqueous	E300	Anions by IC method - Water	R41176	100	12/23/08 10:45 AM	IC2_081223A
	S-Sump-02	Aqueous	E300	Anions by IC method - Water	R41176	1000	12/23/08 10:59 AM	IC2_081223A
	S-Sump-02	Aqueous	E300	Anions by IC method - Water	R41176	100	12/23/08 01:13 PM	IC2_081223A
	S-Sump-02	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/23/08	1	12/23/08 10:50 AM	WC_081223C
0812182-05A	S-S-01	Aqueous	SW8021B	Volatile Organics by GC	32796	1	12/22/08 01:38 PM	GC8_081222A
0812182-05B	S-S-01	Aqueous	TX1005	Tx1005 TPH Water	32822	1	12/23/08 06:44 PM	GC12_081223B
0812182-05C	S-S-01	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	5	12/30/08 05:39 PM	ICP-MS2_081230A
	S-S-01	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	1000	12/30/08 04:42 PM	ICP-MS3_081230A
0812182-05D	S-S-01	Aqueous	M2320 B	Alkalinity	R41232	1	12/30/08 12:17 PM	TITRATOR_081230A
	S-S-01	Aqueous	E300	Anions by IC method - Water	R41158	100	12/22/08 10:02 AM	IC2_081222A
	S-S-01	Aqueous	E300	Anions by IC method - Water	R41158	1000	12/22/08 10:16 AM	IC2_081222A
	S-S-01	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/23/08	1	12/23/08 10:50 AM	WC_081223C
0812182-06A	Pump Effluent	Aqueous	SW8021B	Volatile Organics by GC	32796	1	12/22/08 01:56 PM	GC8_081222A
0812182-06B	Pump Effluent	Aqueous	TX1005	Tx1005 TPH Water	32822	1	12/23/08 06:53 PM	GC12_081223B
0812182-06C	Pump Effluent	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	5	12/30/08 05:45 PM	ICP-MS2_081230A
	Pump Effluent	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	1000	12/30/08 04:47 PM	ICP-MS3_081230A
0812182-06D	Pump Effluent	Aqueous	M2320 B	Alkalinity	R41232	1	12/30/08 12:25 PM	TITRATOR_081230A
	Pump Effluent	Aqueous	E300	Anions by IC method - Water	R41176	100	12/23/08 01:28 PM	IC2_081223A
	Pump Effluent	Aqueous	E300	Anions by IC method - Water	R41176	1000	12/23/08 01:43 PM	IC2_081223A
	Pump Effluent	Aqueous	E300	Anions by IC method - Water	R41306	2000	01/07/09 09:58 AM	IC2_090107A
	Pump Effluent	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/23/08	1	12/23/08 10:50 AM	WC_081223C
0812182-07A	S-WW-53	Aqueous	SW8021B	Volatile Organics by GC	32796	1	12/22/08 02:32 PM	GC8_081222A
0812182-07B	S-WW-53	Aqueous	TX1005	Tx1005 TPH Water	32822	1	12/23/08 07:02 PM	GC12_081223B
0812182-07C	S-WW-53	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	500	12/30/08 05:50 PM	ICP-MS2_081230A
	S-WW-53	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	1	12/31/08 05:05 PM	ICP-MS2_081231A
	S-WW-53	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	5000	12/30/08 04:52 PM	ICP-MS3_081230A

CLIENT: TRC Environmental Corp.
Project: RRC- WOD (Snyder: West O'Daniel)
Lab Order: 0812182

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
0812182-07D	S-WW-53	Aqueous	M2320 B	Alkalinity	R41186	1	12/23/08 05:22 PM	TITRATOR_081223A
	S-WW-53	Aqueous	E300	Anions by IC method - Water	R41176	100	12/23/08 01:57 PM	IC2_081223A
	S-WW-53	Aqueous	E300	Anions by IC method - Water	R41176	1000	12/23/08 02:12 PM	IC2_081223A
	S-WW-53	Aqueous	E300	Anions by IC method - Water	R41306	2000	01/07/09 10:13 AM	IC2_090107A
	S-WW-53	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/23/08	1	12/23/08 10:50 AM	WC_081223C
0812182-08A	S-WW-52	Aqueous	SW8021B	Volatile Organics by GC	32796	1	12/22/08 02:50 PM	GC8_081222A
0812182-08B	S-WW-52	Aqueous	TX1005	Tx1005 TPH Water	32822	1	12/23/08 07:10 PM	GC12_081223B
0812182-08C	S-WW-52	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	500	12/30/08 05:56 PM	ICP-MS2_081230A
	S-WW-52	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	1	12/31/08 05:10 PM	ICP-MS2_081231A
	S-WW-52	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	5000	12/30/08 04:57 PM	ICP-MS3_081230A
0812182-08D	S-WW-52	Aqueous	M2320 B	Alkalinity	R41186	1	12/23/08 05:32 PM	TITRATOR_081223A
	S-WW-52	Aqueous	E300	Anions by IC method - Water	R41176	100	12/23/08 03:05 PM	IC2_081223A
	S-WW-52	Aqueous	E300	Anions by IC method - Water	R41176	2000	12/23/08 03:19 PM	IC2_081223A
	S-WW-52	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/23/08	1	12/23/08 10:50 AM	WC_081223C
0812182-09A	S-MW-07	Aqueous	SW8021B	Volatile Organics by GC	32796	1	12/22/08 03:08 PM	GC8_081222A
0812182-09B	S-MW-07	Aqueous	TX1005	Tx1005 TPH Water	32822	1	12/23/08 07:19 PM	GC12_081223B
0812182-09C	S-MW-07	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	5	12/30/08 06:01 PM	ICP-MS2_081230A
	S-MW-07	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	500	12/30/08 05:03 PM	ICP-MS3_081230A
0812182-09D	S-MW-07	Aqueous	M2320 B	Alkalinity	R41232	1	12/30/08 11:07 AM	TITRATOR_081230A
	S-MW-07	Aqueous	E300	Anions by IC method - Water	R41176	10	12/23/08 03:34 PM	IC2_081223A
	S-MW-07	Aqueous	E300	Anions by IC method - Water	R41176	1000	12/23/08 03:49 PM	IC2_081223A
	S-MW-07	Aqueous	E300	Anions by IC method - Water	R41306	2000	01/07/09 10:28 AM	IC2_090107A
	S-MW-07	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/23/08	1	12/23/08 10:50 AM	WC_081223C
0812182-10A	S-MW-06	Aqueous	SW8021B	Volatile Organics by GC	32796	1	12/22/08 03:27 PM	GC8_081222A
0812182-10B	S-MW-06	Aqueous	TX1005	Tx1005 TPH Water	32868	1	12/30/08 05:44 PM	GC12_081230B
0812182-10C	S-MW-06	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	5	12/30/08 06:07 PM	ICP-MS2_081230A
	S-MW-06	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	1000	12/30/08 05:08 PM	ICP-MS3_081230A
0812182-10D	S-MW-06	Aqueous	M2320 B	Alkalinity	R41232	1	12/30/08 11:21 AM	TITRATOR_081230A
	S-MW-06	Aqueous	E300	Anions by IC method - Water	R41176	100	12/23/08 04:03 PM	IC2_081223A

CLIENT: TRC Environmental Corp.
Project: RRC- WOD (Snyder: West O'Daniel)
Lab Order: 0812182

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
	S-MW-06	Aqueous	E300	Anions by IC method - Water	R41176	2000	12/23/08 04:18 PM	IC2_081223A
	S-MW-06	Aqueous	E300	Anions by IC method - Water	R41306	2000	01/07/09 10:42 AM	IC2_090107A
	S-MW-06	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/23/08	1	12/23/08 10:50 AM	WC_081223C
0812182-11A	S-MW-04	Aqueous	SW8021B	Volatile Organics by GC	32796	1	12/22/08 03:45 PM	GC8_081222A
0812182-11B	S-MW-04	Aqueous	TX1005	Tx1005 TPH Water	32868	1	12/30/08 05:53 PM	GC12_081230B
0812182-11C	S-MW-04	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	100	12/30/08 06:12 PM	ICP-MS2_081230A
	S-MW-04	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	1	12/31/08 05:16 PM	ICP-MS2_081231A
	S-MW-04	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	1000	12/30/08 05:29 PM	ICP-MS3_081230A
	S-MW-04	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	5000	12/31/08 02:51 PM	ICP-MS3_081231D
0812182-11D	S-MW-04	Aqueous	M2320 B	Alkalinity	R41232	1	12/30/08 11:25 AM	TITRATOR_081230A
	S-MW-04	Aqueous	E300	Anions by IC method - Water	R41176	2000	12/23/08 04:33 PM	IC2_081223A
	S-MW-04	Aqueous	E300	Anions by IC method - Water	R41176	100	12/23/08 04:47 PM	IC2_081223A
	S-MW-04	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/23/08	1	12/23/08 10:50 AM	WC_081223C
0812182-12A	S-MW-04-D	Aqueous	SW8021B	Volatile Organics by GC	32796	1	12/22/08 04:03 PM	GC8_081222A
0812182-12B	S-MW-04-D	Aqueous	TX1005	Tx1005 TPH Water	32868	1	12/30/08 06:02 PM	GC12_081230B
0812182-12C	S-MW-04-D	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	100	12/30/08 06:56 PM	ICP-MS2_081230A
	S-MW-04-D	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	1	12/31/08 05:21 PM	ICP-MS2_081231A
	S-MW-04-D	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	1000	12/30/08 05:34 PM	ICP-MS3_081230A
0812182-12D	S-MW-04-D	Aqueous	M2320 B	Alkalinity	R41232	1	12/30/08 11:30 AM	TITRATOR_081230A
	S-MW-04-D	Aqueous	E300	Anions by IC method - Water	R41228	2000	12/30/08 11:11 AM	IC2_081230A
	S-MW-04-D	Aqueous	E300	Anions by IC method - Water	R41228	100	12/30/08 12:16 PM	IC2_081230A
	S-MW-04-D	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/23/08	1	12/23/08 10:50 AM	WC_081223C
0812182-13A	S-MW-02	Aqueous	SW8021B	Volatile Organics by GC	32796	1	12/22/08 04:21 PM	GC8_081222A
0812182-13B	S-MW-02	Aqueous	TX1005	Tx1005 TPH Water	32868	1	12/30/08 06:11 PM	GC12_081230B
0812182-13C	S-MW-02	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	10	12/30/08 07:01 PM	ICP-MS2_081230A
	S-MW-02	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	1000	12/30/08 05:39 PM	ICP-MS3_081230A
0812182-13D	S-MW-02	Aqueous	M2320 B	Alkalinity	R41232	1	12/30/08 11:38 AM	TITRATOR_081230A
	S-MW-02	Aqueous	E300	Anions by IC method - Water	R41228	2000	12/30/08 11:25 AM	IC2_081230A
	S-MW-02	Aqueous	E300	Anions by IC method - Water	R41228	100	12/30/08 12:31 PM	IC2_081230A

CLIENT: TRC Environmental Corp.
Project: RRC- WOD (Snyder: West O'Daniel)
Lab Order: 0812182

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
	S-MW-02	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/23/08	1	12/23/08 10:50 AM	WC_081223C
0812182-14A	S-MW-03	Aqueous	SW8021B	Volatile Organics by GC	32796	1	12/22/08 04:39 PM	GC8_081222A
0812182-14B	S-MW-03	Aqueous	TX1005	Tx1005 TPH Water	32868	1	12/30/08 06:20 PM	GC12_081230B
0812182-14C	S-MW-03	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	100	12/30/08 07:07 PM	ICP-MS2_081230A
	S-MW-03	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	5	12/30/08 07:12 PM	ICP-MS2_081230A
	S-MW-03	Aqueous	SW6020	Trace Metals: ICP-MS - Water	32793	1000	12/30/08 05:44 PM	ICP-MS3_081230A
0812182-14D	S-MW-03	Aqueous	M2320 B	Alkalinity	R41232	1	12/30/08 11:44 AM	TITRATOR_081230A
	S-MW-03	Aqueous	E300	Anions by IC method - Water	R41228	2000	12/30/08 11:40 AM	IC2_081230A
	S-MW-03	Aqueous	E300	Anions by IC method - Water	R41228	100	12/30/08 12:46 PM	IC2_081230A
	S-MW-03	Aqueous	M2540C	Total Dissolved Solids	TDS_W-12/23/08	1	12/23/08 10:50 AM	WC_081223C
0812182-15A	S-TB-12-18-08-01	Trip Blank	SW8021B	Volatile Organics by GC	32796	1	12/22/08 12:07 PM	GC8_081222A
0812182-16A	S-TB-12-18-08-02	Trip Blank	SW8021B	Volatile Organics by GC	32796	1	12/22/08 11:49 AM	GC8_081222A

CLIENT:	TRC Environmental Corp.	Client Sample ID:	S-S-02
Project:	RRC- WOD (Snyder: West O'Daniel)	Lab ID:	0812182-01
Project No:	165296	Collection Date:	12/18/08 09:00 AM
Lab Order:	0812182	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.671	1.92		mg/L	1	12/23/08 06:00 PM
T/R Hydrocarbons: >C12-C28	ND	0.671	1.92		mg/L	1	12/23/08 06:00 PM
T/R Hydrocarbons: >C28-C35	ND	0.671	1.92		mg/L	1	12/23/08 06:00 PM
T/R Hydrocarbons: C6-C35	ND	0.671	1.92		mg/L	1	12/23/08 06:00 PM
Surr: Isopropylbenzene	92.4	0	70 - 130		%REC	1	12/23/08 06:00 PM
Surr: Octacosane	87.5	0	70 - 130		%REC	1	12/23/08 06:00 PM
Volatile Organics by GC		**SW8021B**					**Analyst: DEW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/22/08 12:26 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/22/08 12:26 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/22/08 12:26 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/22/08 12:26 PM
Surr: a,a,a-Trifluorotoluene	93.3	0	87 - 113		%REC	1	12/22/08 12:26 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: CZ**
Barium	0.129	0.0150	0.0500		mg/L	5	12/30/08 05:23 PM
Calcium	3190	100	300		mg/L	1000	12/30/08 04:26 PM
Iron	0.116	0.0500	0.150	J	mg/L	1	12/31/08 04:59 PM
Magnesium	912	100	300		mg/L	1000	12/30/08 04:26 PM
Potassium	13.1	0.500	1.50		mg/L	5	12/30/08 05:23 PM
Sodium	5310	100	300		mg/L	1000	12/30/08 04:26 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	15200	600	2000		mg/L	2000	01/07/09 09:29 AM
Sulfate	1350	10.0	30.0		mg/L	10	12/22/08 03:59 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	242	10.0	20.0		mg/L	1	12/30/08 11:51 AM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/30/08 11:51 AM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/30/08 11:51 AM
Alkalinity, Total (As CaCO3)	242	10.0	20.0		mg/L	1	12/30/08 11:51 AM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	32500	10.0	10.0		mg/L	1	12/23/08 10:50 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	S-OB-01
Project:	RRC- WOD (Snyder: West O'Daniel)	Lab ID:	0812182-02
Project No:	165296	Collection Date:	12/18/08 09:45 AM
Lab Order:	0812182	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.669	1.91		mg/L	1	12/23/08 06:09 PM
T/R Hydrocarbons: >C12-C28	ND	0.669	1.91		mg/L	1	12/23/08 06:09 PM
T/R Hydrocarbons: >C28-C35	ND	0.669	1.91		mg/L	1	12/23/08 06:09 PM
T/R Hydrocarbons: C6-C35	ND	0.669	1.91		mg/L	1	12/23/08 06:09 PM
Surr: Isopropylbenzene	84.5	0	70 - 130		%REC	1	12/23/08 06:09 PM
Surr: Octacosane	80.2	0	70 - 130		%REC	1	12/23/08 06:09 PM
Volatile Organics by GC		**SW8021B**					**Analyst: DEW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/22/08 12:44 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/22/08 12:44 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/22/08 12:44 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/22/08 12:44 PM
Surr: a,a,a-Trifluorotoluene	102	0	87 - 113		%REC	1	12/22/08 12:44 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: CZ**
Barium	0.224	0.0150	0.0500		mg/L	5	12/30/08 05:29 PM
Calcium	3000	100	300		mg/L	1000	12/30/08 04:31 PM
Iron	19.1	0.250	0.750		mg/L	5	12/30/08 05:29 PM
Magnesium	892	100	300		mg/L	1000	12/30/08 04:31 PM
Potassium	14.1	0.500	1.50		mg/L	5	12/30/08 05:29 PM
Sodium	6290	100	300		mg/L	1000	12/30/08 04:31 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	16700	600	2000		mg/L	2000	01/07/09 09:44 AM
Sulfate	1600	100	300		mg/L	100	12/22/08 04:58 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	269	10.0	20.0		mg/L	1	12/30/08 11:59 AM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/30/08 11:59 AM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/30/08 11:59 AM
Alkalinity, Total (As CaCO3)	269	10.0	20.0		mg/L	1	12/30/08 11:59 AM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	36000	10.0	10.0		mg/L	1	12/23/08 10:50 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	S-Sump-01
Project:	RRC- WOD (Snyder: West O'Daniel)	Lab ID:	0812182-03
Project No:	165296	Collection Date:	12/18/08 10:00 AM
Lab Order:	0812182	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.668	1.91		mg/L	1	12/23/08 06:17 PM
T/R Hydrocarbons: >C12-C28	ND	0.668	1.91		mg/L	1	12/23/08 06:17 PM
T/R Hydrocarbons: >C28-C35	ND	0.668	1.91		mg/L	1	12/23/08 06:17 PM
T/R Hydrocarbons: C6-C35	ND	0.668	1.91		mg/L	1	12/23/08 06:17 PM
Surr: Isopropylbenzene	88.5	0	70 - 130		%REC	1	12/23/08 06:17 PM
Surr: Octacosane	83.2	0	70 - 130		%REC	1	12/23/08 06:17 PM
Volatile Organics by GC		**SW8021B**					**Analyst: DEW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/22/08 01:02 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/22/08 01:02 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/22/08 01:02 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/22/08 01:02 PM
Surr: a,a,a-Trifluorotoluene	92.6	0	87 - 113		%REC	1	12/22/08 01:02 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: CZ**
Barium	0.0961	0.0150	0.0500		mg/L	5	12/30/08 03:41 PM
Calcium	2430	100	300		mg/L	1000	12/30/08 02:09 PM
Iron	2.98	0.250	0.750		mg/L	5	12/30/08 03:41 PM
Magnesium	717	100	300		mg/L	1000	12/30/08 02:09 PM
Potassium	10.9	0.500	1.50		mg/L	5	12/30/08 03:41 PM
Sodium	6000	100	300		mg/L	1000	12/30/08 02:09 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	15600	300	1000		mg/L	1000	12/23/08 10:30 AM
Sulfate	1450	100	300		mg/L	100	12/23/08 10:15 AM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	289	10.0	20.0		mg/L	1	12/30/08 12:04 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/30/08 12:04 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/30/08 12:04 PM
Alkalinity, Total (As CaCO3)	289	10.0	20.0		mg/L	1	12/30/08 12:04 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	30900	10.0	10.0		mg/L	1	12/23/08 10:50 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	S-Sump-02
Project:	RRC- WOD (Snyder: West O'Daniel)	Lab ID:	0812182-04
Project No:	165296	Collection Date:	12/18/08 10:40 AM
Lab Order:	0812182	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.668	1.91		mg/L	1	12/23/08 06:26 PM
T/R Hydrocarbons: >C12-C28	ND	0.668	1.91		mg/L	1	12/23/08 06:26 PM
T/R Hydrocarbons: >C28-C35	ND	0.668	1.91		mg/L	1	12/23/08 06:26 PM
T/R Hydrocarbons: C6-C35	ND	0.668	1.91		mg/L	1	12/23/08 06:26 PM
Surr: Isopropylbenzene	88.9	0	70 - 130		%REC	1	12/23/08 06:26 PM
Surr: Octacosane	85.1	0	70 - 130		%REC	1	12/23/08 06:26 PM
Volatile Organics by GC		**SW8021B**					**Analyst: DEW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/22/08 01:20 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/22/08 01:20 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/22/08 01:20 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/22/08 01:20 PM
Surr: a,a,a-Trifluorotoluene	99.9	0	87 - 113		%REC	1	12/22/08 01:20 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: CZ**
Barium	0.106	0.0150	0.0500		mg/L	5	12/30/08 05:34 PM
Calcium	2250	100	300		mg/L	1000	12/30/08 04:37 PM
Iron	14.6	0.250	0.750		mg/L	5	12/30/08 05:34 PM
Magnesium	596	100	300		mg/L	1000	12/30/08 04:37 PM
Potassium	9.28	0.500	1.50		mg/L	5	12/30/08 05:34 PM
Sodium	7510	100	300		mg/L	1000	12/30/08 04:37 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	18000	300	1000		mg/L	1000	12/23/08 10:59 AM
Sulfate	1640	100	300		mg/L	100	12/23/08 10:45 AM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	260	10.0	20.0		mg/L	1	12/30/08 12:09 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/30/08 12:09 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/30/08 12:09 PM
Alkalinity, Total (As CaCO3)	260	10.0	20.0		mg/L	1	12/30/08 12:09 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	34600	10.0	10.0		mg/L	1	12/23/08 10:50 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	S-S-01
Project:	RRC- WOD (Snyder: West O'Daniel)	Lab ID:	0812182-05
Project No:	165296	Collection Date:	12/18/08 11:00 AM
Lab Order:	0812182	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.680	1.94		mg/L	1	12/23/08 06:44 PM
T/R Hydrocarbons: >C12-C28	ND	0.680	1.94		mg/L	1	12/23/08 06:44 PM
T/R Hydrocarbons: >C28-C35	ND	0.680	1.94		mg/L	1	12/23/08 06:44 PM
T/R Hydrocarbons: C6-C35	ND	0.680	1.94		mg/L	1	12/23/08 06:44 PM
Surr: Isopropylbenzene	90.0	0	70 - 130		%REC	1	12/23/08 06:44 PM
Surr: Octacosane	84.4	0	70 - 130		%REC	1	12/23/08 06:44 PM
Volatile Organics by GC		**SW8021B**					**Analyst: DEW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/22/08 01:38 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/22/08 01:38 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/22/08 01:38 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/22/08 01:38 PM
Surr: a,a,a-Trifluorotoluene	101	0	87 - 113		%REC	1	12/22/08 01:38 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: CZ**
Barium	0.179	0.0150	0.0500		mg/L	5	12/30/08 05:39 PM
Calcium	2210	100	300		mg/L	1000	12/30/08 04:42 PM
Iron	21.9	0.250	0.750		mg/L	5	12/30/08 05:39 PM
Magnesium	629	100	300		mg/L	1000	12/30/08 04:42 PM
Potassium	15.6	0.500	1.50		mg/L	5	12/30/08 05:39 PM
Sodium	5940	100	300		mg/L	1000	12/30/08 04:42 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	16000	300	1000		mg/L	1000	12/22/08 10:16 AM
Sulfate	1200	100	300		mg/L	100	12/22/08 10:02 AM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	286	10.0	20.0		mg/L	1	12/30/08 12:17 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/30/08 12:17 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/30/08 12:17 PM
Alkalinity, Total (As CaCO3)	286	10.0	20.0		mg/L	1	12/30/08 12:17 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	30900	10.0	10.0		mg/L	1	12/23/08 10:50 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	Pump Effluent
Project:	RRC- WOD (Snyder: West O'Daniel)	Lab ID:	0812182-06
Project No:	165296	Collection Date:	12/18/08 11:30 AM
Lab Order:	0812182	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.679	1.94		mg/L	1	12/23/08 06:53 PM
T/R Hydrocarbons: >C12-C28	ND	0.679	1.94		mg/L	1	12/23/08 06:53 PM
T/R Hydrocarbons: >C28-C35	ND	0.679	1.94		mg/L	1	12/23/08 06:53 PM
T/R Hydrocarbons: C6-C35	ND	0.679	1.94		mg/L	1	12/23/08 06:53 PM
Surr: Isopropylbenzene	90.2	0	70 - 130		%REC	1	12/23/08 06:53 PM
Surr: Octacosane	86.6	0	70 - 130		%REC	1	12/23/08 06:53 PM
Volatile Organics by GC		**SW8021B**					**Analyst: DEW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/22/08 01:56 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/22/08 01:56 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/22/08 01:56 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/22/08 01:56 PM
Surr: a,a,a-Trifluorotoluene	101	0	87 - 113		%REC	1	12/22/08 01:56 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: CZ**
Barium	0.106	0.0150	0.0500		mg/L	5	12/30/08 05:45 PM
Calcium	2300	100	300		mg/L	1000	12/30/08 04:47 PM
Iron	22.6	0.250	0.750		mg/L	5	12/30/08 05:45 PM
Magnesium	640	100	300		mg/L	1000	12/30/08 04:47 PM
Potassium	9.28	0.500	1.50		mg/L	5	12/30/08 05:45 PM
Sodium	7450	100	300		mg/L	1000	12/30/08 04:47 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	16900	600	2000		mg/L	2000	01/07/09 09:58 AM
Sulfate	1730	100	300		mg/L	100	12/23/08 01:28 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	254	10.0	20.0		mg/L	1	12/30/08 12:25 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/30/08 12:25 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/30/08 12:25 PM
Alkalinity, Total (As CaCO3)	254	10.0	20.0		mg/L	1	12/30/08 12:25 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	35800	10.0	10.0		mg/L	1	12/23/08 10:50 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	S-WW-53
Project:	RRC- WOD (Snyder: West O'Daniel)	Lab ID:	0812182-07
Project No:	165296	Collection Date:	12/17/08 02:15 PM
Lab Order:	0812182	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.670	1.91		mg/L	1	12/23/08 07:02 PM
T/R Hydrocarbons: >C12-C28	ND	0.670	1.91		mg/L	1	12/23/08 07:02 PM
T/R Hydrocarbons: >C28-C35	ND	0.670	1.91		mg/L	1	12/23/08 07:02 PM
T/R Hydrocarbons: C6-C35	ND	0.670	1.91		mg/L	1	12/23/08 07:02 PM
Surr: Isopropylbenzene	84.8	0	70 - 130		%REC	1	12/23/08 07:02 PM
Surr: Octacosane	82.1	0	70 - 130		%REC	1	12/23/08 07:02 PM
Volatile Organics by GC		**SW8021B**					**Analyst: DEW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/22/08 02:32 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/22/08 02:32 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/22/08 02:32 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/22/08 02:32 PM
Surr: a,a,a-Trifluorotoluene	100	0	87 - 113		%REC	1	12/22/08 02:32 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: CZ**
Barium	0.184	0.00300	0.0100		mg/L	1	12/31/08 05:05 PM
Calcium	3320	50.0	150		mg/L	500	12/30/08 05:50 PM
Iron	101	25.0	75.0		mg/L	500	12/30/08 05:50 PM
Magnesium	1060	50.0	150		mg/L	500	12/30/08 05:50 PM
Potassium	60.8	50.0	150	J	mg/L	500	12/30/08 05:50 PM
Sodium	6900	500	1500		mg/L	5000	12/30/08 04:52 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	19400	600	2000		mg/L	2000	01/07/09 10:13 AM
Sulfate	2150	100	300		mg/L	100	12/23/08 01:57 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	85.7	10.0	20.0		mg/L	1	12/23/08 05:22 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/23/08 05:22 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/23/08 05:22 PM
Alkalinity, Total (As CaCO3)	85.7	10.0	20.0		mg/L	1	12/23/08 05:22 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	42100	10.0	10.0		mg/L	1	12/23/08 10:50 AM

Qualifiers:				
	*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
	B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
	C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
	DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
	E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
			S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	S-WW-52
Project:	RRC- WOD (Snyder: West O'Daniel)	Lab ID:	0812182-08
Project No:	165296	Collection Date:	12/17/08 02:45 PM
Lab Order:	0812182	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.663	1.89		mg/L	1	12/23/08 07:10 PM
T/R Hydrocarbons: >C12-C28	ND	0.663	1.89		mg/L	1	12/23/08 07:10 PM
T/R Hydrocarbons: >C28-C35	ND	0.663	1.89		mg/L	1	12/23/08 07:10 PM
T/R Hydrocarbons: C6-C35	ND	0.663	1.89		mg/L	1	12/23/08 07:10 PM
Surr: Isopropylbenzene	84.1	0	70 - 130		%REC	1	12/23/08 07:10 PM
Surr: Octacosane	81.6	0	70 - 130		%REC	1	12/23/08 07:10 PM
Volatile Organics by GC		**SW8021B**					**Analyst: DEW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/22/08 02:50 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/22/08 02:50 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/22/08 02:50 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/22/08 02:50 PM
Surr: a,a,a-Trifluorotoluene	98.0	0	87 - 113		%REC	1	12/22/08 02:50 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: CZ**
Barium	0.153	0.00300	0.0100		mg/L	1	12/31/08 05:10 PM
Calcium	2930	50.0	150		mg/L	500	12/30/08 05:56 PM
Iron	0.672	0.0500	0.150		mg/L	1	12/31/08 05:10 PM
Magnesium	812	50.0	150		mg/L	500	12/30/08 05:56 PM
Potassium	84.8	50.0	150	J	mg/L	500	12/30/08 05:56 PM
Sodium	11400	500	1500		mg/L	5000	12/30/08 04:57 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	26800	600	2000		mg/L	2000	12/23/08 03:19 PM
Sulfate	2400	100	300		mg/L	100	12/23/08 03:05 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	356	10.0	20.0		mg/L	1	12/23/08 05:32 PM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/23/08 05:32 PM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/23/08 05:32 PM
Alkalinity, Total (As CaCO3)	356	10.0	20.0		mg/L	1	12/23/08 05:32 PM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	51000	10.0	10.0		mg/L	1	12/23/08 10:50 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	S-MW-07
Project:	RRC- WOD (Snyder: West O'Daniel)	Lab ID:	0812182-09
Project No:	165296	Collection Date:	12/17/08 03:35 PM
Lab Order:	0812182	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.680	1.94		mg/L	1	12/23/08 07:19 PM
T/R Hydrocarbons: >C12-C28	ND	0.680	1.94		mg/L	1	12/23/08 07:19 PM
T/R Hydrocarbons: >C28-C35	ND	0.680	1.94		mg/L	1	12/23/08 07:19 PM
T/R Hydrocarbons: C6-C35	ND	0.680	1.94		mg/L	1	12/23/08 07:19 PM
Surr: Isopropylbenzene	90.3	0	70 - 130		%REC	1	12/23/08 07:19 PM
Surr: Octacosane	85.9	0	70 - 130		%REC	1	12/23/08 07:19 PM
Volatile Organics by GC		**SW8021B**					**Analyst: DEW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/22/08 03:08 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/22/08 03:08 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/22/08 03:08 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/22/08 03:08 PM
Surr: a,a,a-Trifluorotoluene	101	0	87 - 113		%REC	1	12/22/08 03:08 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: CZ**
Barium	0.155	0.0150	0.0500		mg/L	5	12/30/08 06:01 PM
Calcium	2290	50.0	150		mg/L	500	12/30/08 05:03 PM
Iron	0.510	0.250	0.750	J	mg/L	5	12/30/08 06:01 PM
Magnesium	618	50.0	150		mg/L	500	12/30/08 05:03 PM
Potassium	23.2	0.500	1.50		mg/L	5	12/30/08 06:01 PM
Sodium	2090	50.0	150		mg/L	500	12/30/08 05:03 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	8990	600	2000		mg/L	2000	01/07/09 10:28 AM
Sulfate	653	10.0	30.0		mg/L	10	12/23/08 03:34 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	246	10.0	20.0		mg/L	1	12/30/08 11:07 AM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/30/08 11:07 AM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/30/08 11:07 AM
Alkalinity, Total (As CaCO3)	246	10.0	20.0		mg/L	1	12/30/08 11:07 AM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	20400	10.0	10.0		mg/L	1	12/23/08 10:50 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	S-MW-06
Project:	RRC- WOD (Snyder: West O'Daniel)	Lab ID:	0812182-10
Project No:	165296	Collection Date:	12/17/08 02:45 PM
Lab Order:	0812182	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.666	1.90		mg/L	1	12/30/08 05:44 PM
T/R Hydrocarbons: >C12-C28	ND	0.666	1.90		mg/L	1	12/30/08 05:44 PM
T/R Hydrocarbons: >C28-C35	ND	0.666	1.90		mg/L	1	12/30/08 05:44 PM
T/R Hydrocarbons: C6-C35	ND	0.666	1.90		mg/L	1	12/30/08 05:44 PM
Surr: Isopropylbenzene	95.7	0	70 - 130		%REC	1	12/30/08 05:44 PM
Surr: Octacosane	98.4	0	70 - 130		%REC	1	12/30/08 05:44 PM
Volatile Organics by GC		**SW8021B**					**Analyst: DEW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/22/08 03:27 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/22/08 03:27 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/22/08 03:27 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/22/08 03:27 PM
Surr: a,a,a-Trifluorotoluene	94.6	0	87 - 113		%REC	1	12/22/08 03:27 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: CZ**
Barium	0.166	0.0150	0.0500		mg/L	5	12/30/08 06:07 PM
Calcium	3000	100	300		mg/L	1000	12/30/08 05:08 PM
Iron	0.664	0.250	0.750	J	mg/L	5	12/30/08 06:07 PM
Magnesium	831	100	300		mg/L	1000	12/30/08 05:08 PM
Potassium	31.4	0.500	1.50		mg/L	5	12/30/08 06:07 PM
Sodium	5850	100	300		mg/L	1000	12/30/08 05:08 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	17000	600	2000		mg/L	2000	01/07/09 10:42 AM
Sulfate	1430	100	300		mg/L	100	12/23/08 04:03 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	249	10.0	20.0		mg/L	1	12/30/08 11:21 AM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/30/08 11:21 AM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/30/08 11:21 AM
Alkalinity, Total (As CaCO3)	249	10.0	20.0		mg/L	1	12/30/08 11:21 AM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	37100	10.0	10.0		mg/L	1	12/23/08 10:50 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	S-MW-04
Project:	RRC- WOD (Snyder: West O'Daniel)	Lab ID:	0812182-11
Project No:	165296	Collection Date:	12/17/08 01:30 PM
Lab Order:	0812182	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.662	1.89		mg/L	1	12/30/08 05:53 PM
T/R Hydrocarbons: >C12-C28	ND	0.662	1.89		mg/L	1	12/30/08 05:53 PM
T/R Hydrocarbons: >C28-C35	ND	0.662	1.89		mg/L	1	12/30/08 05:53 PM
T/R Hydrocarbons: C6-C35	ND	0.662	1.89		mg/L	1	12/30/08 05:53 PM
Surr: Isopropylbenzene	92.5	0	70 - 130		%REC	1	12/30/08 05:53 PM
Surr: Octacosane	94.3	0	70 - 130		%REC	1	12/30/08 05:53 PM
Volatile Organics by GC		**SW8021B**					**Analyst: DEW**
Benzene	0.00118	0.000800	0.00200	J	mg/L	1	12/22/08 03:45 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/22/08 03:45 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/22/08 03:45 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/22/08 03:45 PM
Surr: a,a,a-Trifluorotoluene	101	0	87 - 113		%REC	1	12/22/08 03:45 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: CZ**
Barium	0.104	0.00300	0.0100		mg/L	1	12/31/08 05:16 PM
Calcium	1970	100	300		mg/L	1000	12/30/08 05:29 PM
Iron	0.308	0.0500	0.150		mg/L	1	12/31/08 05:16 PM
Magnesium	507	10.0	30.0		mg/L	100	12/30/08 06:12 PM
Potassium	167	10.0	30.0		mg/L	100	12/30/08 06:12 PM
Sodium	11700	500	1500		mg/L	5000	12/31/08 02:51 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	21300	600	2000		mg/L	2000	12/23/08 04:33 PM
Sulfate	2190	100	300		mg/L	100	12/23/08 04:47 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	161	10.0	20.0		mg/L	1	12/30/08 11:25 AM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/30/08 11:25 AM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/30/08 11:25 AM
Alkalinity, Total (As CaCO3)	161	10.0	20.0		mg/L	1	12/30/08 11:25 AM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	41400	10.0	10.0		mg/L	1	12/23/08 10:50 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	S-MW-04-D
Project:	RRC- WOD (Snyder: West O'Daniel)	Lab ID:	0812182-12
Project No:	165296	Collection Date:	12/17/08 01:30 PM
Lab Order:	0812182	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.663	1.90		mg/L	1	12/30/08 06:02 PM
T/R Hydrocarbons: >C12-C28	ND	0.663	1.90		mg/L	1	12/30/08 06:02 PM
T/R Hydrocarbons: >C28-C35	ND	0.663	1.90		mg/L	1	12/30/08 06:02 PM
T/R Hydrocarbons: C6-C35	ND	0.663	1.90		mg/L	1	12/30/08 06:02 PM
Surr: Isopropylbenzene	89.4	0	70 - 130		%REC	1	12/30/08 06:02 PM
Surr: Octacosane	92.5	0	70 - 130		%REC	1	12/30/08 06:02 PM
Volatile Organics by GC		**SW8021B**					**Analyst: DEW**
Benzene	0.00134	0.000800	0.00200	J	mg/L	1	12/22/08 04:03 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/22/08 04:03 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/22/08 04:03 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/22/08 04:03 PM
Surr: a,a,a-Trifluorotoluene	102	0	87 - 113		%REC	1	12/22/08 04:03 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: CZ**
Barium	0.106	0.00300	0.0100		mg/L	1	12/31/08 05:21 PM
Calcium	1870	100	300		mg/L	1000	12/30/08 05:34 PM
Iron	0.397	0.0500	0.150		mg/L	1	12/31/08 05:21 PM
Magnesium	497	10.0	30.0		mg/L	100	12/30/08 06:56 PM
Potassium	163	10.0	30.0		mg/L	100	12/30/08 06:56 PM
Sodium	9850	100	300		mg/L	1000	12/30/08 05:34 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	20800	600	2000		mg/L	2000	12/30/08 11:11 AM
Sulfate	2130	100	300		mg/L	100	12/30/08 12:16 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	161	10.0	20.0		mg/L	1	12/30/08 11:30 AM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/30/08 11:30 AM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/30/08 11:30 AM
Alkalinity, Total (As CaCO3)	161	10.0	20.0		mg/L	1	12/30/08 11:30 AM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	41100	10.0	10.0		mg/L	1	12/23/08 10:50 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	S-MW-02
Project:	RRC- WOD (Snyder: West O'Daniel)	Lab ID:	0812182-13
Project No:	165296	Collection Date:	12/17/08 12:05 PM
Lab Order:	0812182	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.662	1.89		mg/L	1	12/30/08 06:11 PM
T/R Hydrocarbons: >C12-C28	ND	0.662	1.89		mg/L	1	12/30/08 06:11 PM
T/R Hydrocarbons: >C28-C35	ND	0.662	1.89		mg/L	1	12/30/08 06:11 PM
T/R Hydrocarbons: C6-C35	ND	0.662	1.89		mg/L	1	12/30/08 06:11 PM
Surr: Isopropylbenzene	95.1	0	70 - 130		%REC	1	12/30/08 06:11 PM
Surr: Octacosane	94.9	0	70 - 130		%REC	1	12/30/08 06:11 PM
Volatile Organics by GC		**SW8021B**					**Analyst: DEW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/22/08 04:21 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/22/08 04:21 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/22/08 04:21 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/22/08 04:21 PM
Surr: a,a,a-Trifluorotoluene	103	0	87 - 113		%REC	1	12/22/08 04:21 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: CZ**
Barium	0.0845	0.0300	0.100	J	mg/L	10	12/30/08 07:01 PM
Calcium	2820	100	300		mg/L	1000	12/30/08 05:39 PM
Iron	1.10	0.500	1.50	J	mg/L	10	12/30/08 07:01 PM
Magnesium	791	100	300		mg/L	1000	12/30/08 05:39 PM
Potassium	23.6	1.00	3.00		mg/L	10	12/30/08 07:01 PM
Sodium	8390	100	300		mg/L	1000	12/30/08 05:39 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	20900	600	2000		mg/L	2000	12/30/08 11:25 AM
Sulfate	2040	100	300		mg/L	100	12/30/08 12:31 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	260	10.0	20.0		mg/L	1	12/30/08 11:38 AM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/30/08 11:38 AM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/30/08 11:38 AM
Alkalinity, Total (As CaCO3)	260	10.0	20.0		mg/L	1	12/30/08 11:38 AM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	44400	10.0	10.0		mg/L	1	12/23/08 10:50 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	S-MW-03
Project:	RRC- WOD (Snyder: West O'Daniel)	Lab ID:	0812182-14
Project No:	165296	Collection Date:	12/17/08 11:25 AM
Lab Order:	0812182	Matrix:	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Tx1005 TPH Water		**TX1005**					**Analyst: JAW**
T/R Hydrocarbons: C6-C12	ND	0.671	1.92		mg/L	1	12/30/08 06:20 PM
T/R Hydrocarbons: >C12-C28	ND	0.671	1.92		mg/L	1	12/30/08 06:20 PM
T/R Hydrocarbons: >C28-C35	ND	0.671	1.92		mg/L	1	12/30/08 06:20 PM
T/R Hydrocarbons: C6-C35	ND	0.671	1.92		mg/L	1	12/30/08 06:20 PM
Surr: Isopropylbenzene	84.9	0	70 - 130		%REC	1	12/30/08 06:20 PM
Surr: Octacosane	88.6	0	70 - 130		%REC	1	12/30/08 06:20 PM
Volatile Organics by GC		**SW8021B**					**Analyst: DEW**
Benzene	ND	0.000800	0.00200		mg/L	1	12/22/08 04:39 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/22/08 04:39 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/22/08 04:39 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/22/08 04:39 PM
Surr: a,a,a-Trifluorotoluene	101	0	87 - 113		%REC	1	12/22/08 04:39 PM
Trace Metals: ICP-MS - Water		**SW6020**					**Analyst: CZ**
Barium	0.110	0.0150	0.0500		mg/L	5	12/30/08 07:12 PM
Calcium	2910	100	300		mg/L	1000	12/30/08 05:44 PM
Iron	0.674	0.250	0.750	J	mg/L	5	12/30/08 07:12 PM
Magnesium	815	10.0	30.0		mg/L	100	12/30/08 07:07 PM
Potassium	9.96	0.500	1.50		mg/L	5	12/30/08 07:12 PM
Sodium	5750	100	300		mg/L	1000	12/30/08 05:44 PM
Anions by IC method - Water		**E300**					**Analyst: JBC**
Chloride	15300	600	2000		mg/L	2000	12/30/08 11:40 AM
Sulfate	1590	100	300		mg/L	100	12/30/08 12:46 PM
Alkalinity		**M2320 B**					**Analyst: JBC**
Alkalinity, Bicarbonate (As CaCO3)	201	10.0	20.0		mg/L	1	12/30/08 11:44 AM
Alkalinity, Carbonate (As CaCO3)	ND	10.0	20.0		mg/L	1	12/30/08 11:44 AM
Alkalinity, Hydroxide (As CaCO3)	ND	10.0	20.0		mg/L	1	12/30/08 11:44 AM
Alkalinity, Total (As CaCO3)	201	10.0	20.0		mg/L	1	12/30/08 11:44 AM
Total Dissolved Solids		**M2540C**					**Analyst: JBC**
Total Dissolved Solids (Residue, Filterable)	33400	10.0	10.0		mg/L	1	12/23/08 10:50 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	S-TB-12-18-08-01
Project:	RRC- WOD (Snyder: West O'Daniel)	Lab ID:	0812182-15
Project No:	165296	Collection Date:	12/18/08
Lab Order:	0812182	Matrix:	Trip Blank

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Volatile Organics by GC		SW8021B					Analyst: DEW
Benzene	ND	0.000800	0.00200		mg/L	1	12/22/08 12:07 PM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/22/08 12:07 PM
Toluene	ND	0.00200	0.00600		mg/L	1	12/22/08 12:07 PM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/22/08 12:07 PM
Surr: a,a,a-Trifluorotoluene	91.4	0	87 - 113		%REC	1	12/22/08 12:07 PM

Qualifiers:				
	*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
	B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
	C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
	DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
	E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
			S	Spike Recovery outside control limits

CLIENT:	TRC Environmental Corp.	Client Sample ID:	S-TB-12-18-08-02
Project:	RRC- WOD (Snyder: West O'Daniel)	Lab ID:	0812182-16
Project No:	165296	Collection Date:	12/18/08
Lab Order:	0812182	Matrix:	Trip Blank

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Volatile Organics by GC		SW8021B					Analyst: DEW
Benzene	ND	0.000800	0.00200		mg/L	1	12/22/08 11:49 AM
Ethylbenzene	ND	0.00200	0.00600		mg/L	1	12/22/08 11:49 AM
Toluene	ND	0.00200	0.00600		mg/L	1	12/22/08 11:49 AM
Xylenes, Total	ND	0.00300	0.00900		mg/L	1	12/22/08 11:49 AM
Surr: a,a,a-Trifluorotoluene	86.5	0	87 - 113		%REC	1	12/22/08 11:49 AM

Qualifiers:

*	Value exceeds TCLP Maximum Concentration Level	J	Analyte detected between MDL and RL
B	Analyte detected in the associated Method Blank	MDL	Method Detection Limit
C	Sample Result or QC discussed in the Case Narrative	N	Parameter not NELAC certified
DF	Dilution Factor	ND	Not Detected at the Method Detection Limit
E	TPH pattern not Gas or Diesel Range Pattern	RL	Reporting Limit
		S	Spike Recovery outside control limits

CLIENT: TRC Environmental Corp.
Work Order: 0812182
Project: RRC- WOD (Snyder: West O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_081223B

Sample ID:	LCS-32822	Batch ID:	32822		TestNo:		TX1005		Units:		mg/L
SampType:	LCS	Run ID:	GC12_081223B		Analysis Date:		12/23/08 03:30 PM		Prep Date:		12/23/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		21.6	2.00	25.00	0	86.4	75	125			
Surr: Isopropylbenzene		2.17		2.500		86.6	70	130			
Surr: Octacosane		2.05		2.500		81.9	70	130			
Sample ID:	LCSD-32822	Batch ID:	32822		TestNo:		TX1005		Units:		mg/L
SampType:	LCSD	Run ID:	GC12_081223B		Analysis Date:		12/23/08 03:38 PM		Prep Date:		12/23/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		22.8	2.00	25.00	0	91.2	75	125	5.45	20	
Surr: Isopropylbenzene		2.20		2.500		88.1	70	130	0	0	
Surr: Octacosane		2.10		2.500		84.0	70	130	0	0	
Sample ID:	MB-32822	Batch ID:	32822		TestNo:		TX1005		Units:		mg/L
SampType:	MBLK	Run ID:	GC12_081223B		Analysis Date:		12/23/08 03:47 PM		Prep Date:		12/23/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C12		ND	2.00								
T/R Hydrocarbons: >C12-C28		ND	2.00								
T/R Hydrocarbons: >C28-C35		ND	2.00								
T/R Hydrocarbons: C6-C35		ND	2.00								
Surr: Isopropylbenzene		2.08		2.500		83.3	70	130			
Surr: Octacosane		2.04		2.500		81.7	70	130			
Sample ID:	0812180-01AMS	Batch ID:	32822		TestNo:		TX1005		Units:		mg/L
SampType:	MS	Run ID:	GC12_081223B		Analysis Date:		12/23/08 05:33 PM		Prep Date:		12/23/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		22.9	1.94	24.30	0	94.3	75	125			
Surr: Isopropylbenzene		2.16		2.430		88.9	70	130			
Surr: Octacosane		2.07		2.430		85.4	70	130			
Sample ID:	0812180-01AMSD	Batch ID:	32822		TestNo:		TX1005		Units:		mg/L
SampType:	MSD	Run ID:	GC12_081223B		Analysis Date:		12/23/08 05:42 PM		Prep Date:		12/23/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		21.9	1.94	24.27	0	90.1	75	125	4.61	20	
Surr: Isopropylbenzene		2.17		2.427		89.4	70	130	0	0	
Surr: Octacosane		2.02		2.427		83.0	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812182
Project: RRC- WOD (Snyder: West O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_081223B

Sample ID:	ICV-081223	Batch ID:	R41211	TestNo:	TX1005	Units:	mg/L
SampType:	ICV	Run ID:	GC12_081223B	Analysis Date:	12/23/08 10:38 AM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35	1030	2.00	1000	0	103	75	125			
Surr: Isopropylbenzene	47.1		50.00		94.2	70	130			
Surr: Octacosane	58.7		50.00		117	70	130			

Sample ID:	CCV4-081223	Batch ID:	R41211	TestNo:	TX1005	Units:	mg/L
SampType:	CCV	Run ID:	GC12_081223B	Analysis Date:	12/23/08 03:21 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35	510	2.00	500.0	0	102	75	125			
Surr: Isopropylbenzene	27.9		25.00		111	70	130			
Surr: Octacosane	31.1		25.00		124	70	130			

Sample ID:	CCV5-081223	Batch ID:	R41211	TestNo:	TX1005	Units:	mg/L
SampType:	CCV	Run ID:	GC12_081223B	Analysis Date:	12/23/08 04:58 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35	534	2.00	500.0	0	107	75	125			
Surr: Isopropylbenzene	25.2		25.00		101	70	130			
Surr: Octacosane	24.7		25.00		99.0	70	130			

Sample ID:	CCV6-081223	Batch ID:	R41211	TestNo:	TX1005	Units:	mg/L
SampType:	CCV	Run ID:	GC12_081223B	Analysis Date:	12/23/08 06:35 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35	519	2.00	500.0	0	104	75	125			
Surr: Isopropylbenzene	25.2		25.00		101	70	130			
Surr: Octacosane	24.8		25.00		99.4	70	130			

Sample ID:	CCV7-081223	Batch ID:	R41211	TestNo:	TX1005	Units:	mg/L
SampType:	CCV	Run ID:	GC12_081223B	Analysis Date:	12/23/08 07:28 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35	523	2.00	500.0	0	105	75	125			
Surr: Isopropylbenzene	25.0		25.00		100	70	130			
Surr: Octacosane	24.9		25.00		99.6	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812182
Project: RRC- WOD (Snyder: West O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_081230B

Sample ID:	LCS-32868	Batch ID:	32868		TestNo:		TX1005		Units:		mg/L
SampType:	LCS	Run ID:	GC12_081230B		Analysis Date:		12/30/08 05:18 PM		Prep Date:		12/30/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		20.1	2.00	25.00	0	80.5	75	125			
Surr: Isopropylbenzene		2.17		2.500		86.9	70	130			
Surr: Octacosane		2.23		2.500		89.3	70	130			

Sample ID:	LCSD-32868	Batch ID:	32868		TestNo:		TX1005		Units:		mg/L
SampType:	LCSD	Run ID:	GC12_081230B		Analysis Date:		12/30/08 05:27 PM		Prep Date:		12/30/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		23.1	2.00	25.00	0	92.3	75	125	13.6	20	
Surr: Isopropylbenzene		2.38		2.500		95.1	70	130	0	0	
Surr: Octacosane		2.33		2.500		93.1	70	130	0	0	

Sample ID:	MB-32868	Batch ID:	32868		TestNo:		TX1005		Units:		mg/L
SampType:	MBLK	Run ID:	GC12_081230B		Analysis Date:		12/30/08 05:35 PM		Prep Date:		12/30/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C12		ND	2.00								
T/R Hydrocarbons: >C12-C28		ND	2.00								
T/R Hydrocarbons: >C28-C35		ND	2.00								
T/R Hydrocarbons: C6-C35		ND	2.00								
Surr: Isopropylbenzene		2.29		2.500		91.7	70	130			
Surr: Octacosane		2.27		2.500		90.9	70	130			

Sample ID:	0812187-08BMS	Batch ID:	32868		TestNo:		TX1005		Units:		mg/L
SampType:	MS	Run ID:	GC12_081230B		Analysis Date:		12/30/08 07:48 PM		Prep Date:		12/30/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		23.7	2.12	26.54	0	89.4	75	125			
Surr: Isopropylbenzene		2.47		2.654		93.0	70	130			
Surr: Octacosane		2.41		2.654		90.9	70	130			

Sample ID:	0812187-08BMSD	Batch ID:	32868		TestNo:		TX1005		Units:		mg/L
SampType:	MSD	Run ID:	GC12_081230B		Analysis Date:		12/30/08 07:57 PM		Prep Date:		12/30/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35		23.6	2.14	26.71	0	88.4	75	125	0.418	20	
Surr: Isopropylbenzene		2.48		2.671		92.8	70	130	0	0	
Surr: Octacosane		2.43		2.671		90.9	70	130	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812182
Project: RRC- WOD (Snyder: West O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: GC12_081230B

Sample ID:	ICV-081230	Batch ID:	R41244	TestNo:	TX1005	Units:	mg/L
SampType:	ICV	Run ID:	GC12_081230B	Analysis Date:	12/30/08 12:26 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35	1140	2.00	1000	0	114	75	125			
Surr: Isopropylbenzene	48.2		50.00		96.4	70	130			
Surr: Octacosane	53.4		50.00		107	70	130			

Sample ID:	CCV3-081230	Batch ID:	R41244	TestNo:	TX1005	Units:	mg/L
SampType:	CCV	Run ID:	GC12_081230B	Analysis Date:	12/30/08 05:09 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35	536	2.00	500.0	0	107	75	125			
Surr: Isopropylbenzene	28.0		25.00		112	70	130			
Surr: Octacosane	27.7		25.00		111	70	130			

Sample ID:	CCV4-081230	Batch ID:	R41244	TestNo:	TX1005	Units:	mg/L
SampType:	CCV	Run ID:	GC12_081230B	Analysis Date:	12/30/08 06:46 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35	543	2.00	500.0	0	109	75	125			
Surr: Isopropylbenzene	27.3		25.00		109	70	130			
Surr: Octacosane	27.2		25.00		109	70	130			

Sample ID:	CCV5-081230	Batch ID:	R41244	TestNo:	TX1005	Units:	mg/L
SampType:	CCV	Run ID:	GC12_081230B	Analysis Date:	12/30/08 08:23 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
T/R Hydrocarbons: C6-C35	521	2.00	500.0	0	104	75	125			
Surr: Isopropylbenzene	27.1		25.00		108	70	130			
Surr: Octacosane	26.1		25.00		104	70	130			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812182
Project: RRC- WOD (Snyder: West O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: GC8_081222A

Sample ID:	LCS-32796	Batch ID:	32796	TestNo:	SW8021B	Units:	mg/L
SampType:	LCS	Run ID:	GC8_081222A	Analysis Date:	12/22/08 11:06 AM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene	0.0512	0.00200	0.0500	0	102	81	125			
Toluene	0.0510	0.00600	0.0500	0	102	84	123			
Ethylbenzene	0.0503	0.00600	0.0500	0	101	83	119			
Xylenes, Total	0.150	0.00900	0.150	0	99.7	81	117			
Surr: a,a,a-Trifluorotoluene	188		200.0		94.1	87	113			

Sample ID:	MB-32796	Batch ID:	32796	TestNo:	SW8021B	Units:	mg/L
SampType:	MBLK	Run ID:	GC8_081222A	Analysis Date:	12/22/08 11:24 AM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene	ND	0.00200								
Toluene	ND	0.00600								
Ethylbenzene	ND	0.00600								
Xylenes, Total	ND	0.00900								
Surr: a,a,a-Trifluorotoluene	194		200.0		97.0	87	113			

Sample ID:	0812182-14AMS	Batch ID:	32796	TestNo:	SW8021B	Units:	mg/L
SampType:	MS	Run ID:	GC8_081222A	Analysis Date:	12/22/08 04:57 PM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene	0.0559	0.00200	0.0500	0	112	81	125			
Toluene	0.0548	0.00600	0.0500	0	110	84	123			
Ethylbenzene	0.0546	0.00600	0.0500	0	109	83	119			
Xylenes, Total	0.163	0.00900	0.150	0	109	81	117			
Surr: a,a,a-Trifluorotoluene	208		200.0		104	87	113			

Sample ID:	0812182-14AMSD	Batch ID:	32796	TestNo:	SW8021B	Units:	mg/L
SampType:	MSD	Run ID:	GC8_081222A	Analysis Date:	12/22/08 05:15 PM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene	0.0555	0.00200	0.0500	0	111	81	125	0.664	20	
Toluene	0.0553	0.00600	0.0500	0	111	84	123	0.879	20	
Ethylbenzene	0.0544	0.00600	0.0500	0	109	83	119	0.455	20	
Xylenes, Total	0.162	0.00900	0.150	0	108	81	117	0.298	20	
Surr: a,a,a-Trifluorotoluene	211		200.0		106	87	113	0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812182
Project: RRC- WOD (Snyder: West O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: GC8_081222A

Sample ID:	ICV-081222	Batch ID:	R41162	TestNo:	SW8021B	Units:	mg/L
SampType:	ICV	Run ID:	GC8_081222A	Analysis Date:	12/22/08 10:47 AM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene	0.102	0.00200	0.100	0	102	85	115			
Toluene	0.101	0.00600	0.100	0	101	85	115			
Ethylbenzene	0.100	0.00600	0.100	0	100	85	115			
Xylenes, Total	0.299	0.00900	0.300	0	99.8	85	115			
Surr: a,a,a-Trifluorotoluene	194		200.0		96.8	87	113			

Sample ID:	CCV1-081222	Batch ID:	R41162	TestNo:	SW8021B	Units:	mg/L
SampType:	CCV	Run ID:	GC8_081222A	Analysis Date:	12/22/08 02:14 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene	0.0553	0.00200	0.0500	0	111	85	115			
Toluene	0.0546	0.00600	0.0500	0	109	85	115			
Ethylbenzene	0.0542	0.00600	0.0500	0	108	85	115			
Xylenes, Total	0.161	0.00900	0.150	0	107	85	115			
Surr: a,a,a-Trifluorotoluene	205		200.0		102	87	113			

Sample ID:	CCV2-081222	Batch ID:	R41162	TestNo:	SW8021B	Units:	mg/L
SampType:	CCV	Run ID:	GC8_081222A	Analysis Date:	12/22/08 05:33 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Benzene	0.0575	0.00200	0.0500	0	115	85	115			
Toluene	0.0570	0.00600	0.0500	0	114	85	115			
Ethylbenzene	0.0563	0.00600	0.0500	0	113	85	115			
Xylenes, Total	0.167	0.00900	0.150	0	111	85	115			
Surr: a,a,a-Trifluorotoluene	205		200.0		102	87	113			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812182
Project: RRC- WOD (Snyder: West O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS2_081230A

Sample ID:	0812182-03C SD	Batch ID:	32793		TestNo:		SW6020		Units:		mg/L
SampType:	SD	Run ID:	ICP-MS2_081230A		Analysis Date:		12/30/08 03:47 PM		Prep Date:		12/22/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium		0.0986	0.250	0	0.0961				2.62	10	
Iron		2.89	3.75	0	2.98				2.98	10	
Potassium		11.2	7.50	0	10.9				2.66	10	

Sample ID:	0812182-03C PDS	Batch ID:	32793		TestNo:		SW6020		Units:		mg/L
SampType:	PDS	Run ID:	ICP-MS2_081230A		Analysis Date:		12/30/08 03:52 PM		Prep Date:		12/22/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium		1.06	0.0500	1.00	0.0961	96.4	75	125			
Iron		25.4	0.750	25.0	2.98	89.8	75	125			
Potassium		35.2	1.50	25.0	10.9	97.1	75	125			

Sample ID:	0812182-03C MS	Batch ID:	32793		TestNo:		SW6020		Units:		mg/L
SampType:	MS	Run ID:	ICP-MS2_081230A		Analysis Date:		12/30/08 03:58 PM		Prep Date:		12/22/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium		0.292	0.0500	0.200	0.0961	98.2	80	120			
Calcium		2420	1.50	5.00	2470	-910	80	120			S
Iron		7.47	0.750	5.00	2.98	89.8	80	120			
Magnesium		658	1.50	5.00	662	-80.0	80	120			
Potassium		15.1	1.50	5.00	10.9	83.4	80	120			
Sodium		5840	1.50	5.00	5870	-600	80	120			S

Sample ID:	0812182-03C MSD	Batch ID:	32793		TestNo:		SW6020		Units:		mg/L
SampType:	MSD	Run ID:	ICP-MS2_081230A		Analysis Date:		12/30/08 04:03 PM		Prep Date:		12/22/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium		0.291	0.0500	0.200	0.0961	97.6	80	120	0.394	15	
Calcium		2400	1.50	5.00	2470	-1270	80	120	0.746	15	S
Iron		7.44	0.750	5.00	2.98	89.2	80	120	0.402	15	
Magnesium		666	1.50	5.00	662	100	80	120	1.36	15	
Potassium		15.2	1.50	5.00	10.9	85.7	80	120	0.759	15	
Sodium		5880	1.50	5.00	5870	200	80	120	0.683	15	S

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812182
Project: RRC- WOD (Snyder: West O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS2_081230A

Sample ID:	ICV1-081230	Batch ID:	R41247	TestNo:	SW6020	Units:	mg/L
SampType:	ICV	Run ID:	ICP-MS2_081230A	Analysis Date:	12/30/08 12:04 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium	0.0997	0.0100	0.100	0	99.7	90	110			
Calcium	2.44	0.300	2.50	0	97.4	90	110			
Iron	2.52	0.150	2.50	0	101	90	110			
Magnesium	2.54	0.300	2.50	0	101	90	110			
Potassium	2.50	0.300	2.50	0	100	90	110			
Sodium	2.54	0.300	2.50	0	102	90	110			

Sample ID:	CCV3-081230	Batch ID:	R41247	TestNo:	SW6020	Units:	mg/L
SampType:	CCV	Run ID:	ICP-MS2_081230A	Analysis Date:	12/30/08 02:50 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium	0.198	0.0100	0.200	0	98.8	90	110			
Calcium	4.79	0.300	5.00	0	95.8	90	110			
Iron	4.76	0.150	5.00	0	95.1	90	110			
Magnesium	5.02	0.300	5.00	0	100	90	110			
Potassium	4.97	0.300	5.00	0	99.4	90	110			
Sodium	4.99	0.300	5.00	0	99.8	90	110			

Sample ID:	CCV4-081230	Batch ID:	R41247	TestNo:	SW6020	Units:	mg/L
SampType:	CCV	Run ID:	ICP-MS2_081230A	Analysis Date:	12/30/08 04:27 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium	0.200	0.0100	0.200	0	100	90	110			
Calcium	5.00	0.300	5.00	0	100	90	110			
Iron	4.72	0.150	5.00	0	94.3	90	110			
Magnesium	5.14	0.300	5.00	0	103	90	110			
Potassium	5.15	0.300	5.00	0	103	90	110			
Sodium	5.25	0.300	5.00	0	105	90	110			

Sample ID:	CCV5-081230	Batch ID:	R41247	TestNo:	SW6020	Units:	mg/L
SampType:	CCV	Run ID:	ICP-MS2_081230A	Analysis Date:	12/30/08 06:23 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium	0.200	0.0100	0.200	0	99.9	90	110			
Calcium	4.90	0.300	5.00	0	98.1	90	110			
Iron	4.65	0.150	5.00	0	93.0	90	110			
Magnesium	5.09	0.300	5.00	0	102	90	110			
Potassium	5.12	0.300	5.00	0	102	90	110			

Sample ID:	CCV6-081230	Batch ID:	R41247	TestNo:	SW6020	Units:	mg/L
SampType:	CCV	Run ID:	ICP-MS2_081230A	Analysis Date:	12/30/08 07:29 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium	0.203	0.0100	0.200	0	102	90	110			
Iron	4.66	0.150	5.00	0	93.3	90	110			
Magnesium	5.02	0.300	5.00	0	100	90	110			
Potassium	5.08	0.300	5.00	0	102	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812182
Project: RRC- WOD (Snyder: West O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS2_081231A

Sample ID:	ICV1-081231	Batch ID:	R41271		TestNo:		SW6020		Units:		mg/L
SampType:	ICV	Run ID:	ICP-MS2_081231A		Analysis Date:		12/31/08 02:19 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium		0.0972	0.0100	0.100	0	97.2	90	110			
Iron		2.59	0.150	2.50	0	103	90	110			

Sample ID:	CCV2-081231	Batch ID:	R41271		TestNo:		SW6020		Units:		mg/L
SampType:	CCV	Run ID:	ICP-MS2_081231A		Analysis Date:		12/31/08 04:25 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium		0.193	0.0100	0.200	0	96.5	90	110			
Iron		4.65	0.150	5.00	0	93.0	90	110			

Sample ID:	CCV3-081231	Batch ID:	R41271		TestNo:		SW6020		Units:		mg/L
SampType:	CCV	Run ID:	ICP-MS2_081231A		Analysis Date:		12/31/08 05:32 PM		Prep Date:		
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium		0.201	0.0100	0.200	0	101	90	110			
Iron		4.85	0.150	5.00	0	97.0	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812182
Project: RRC- WOD (Snyder: West O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS3_081230A

Sample ID:	MB-32793	Batch ID:	32793		TestNo:		SW6020		Units:		mg/L
SampType:	MBLK	Run ID:	ICP-MS3_081230A		Analysis Date:		12/30/08 12:44 PM		Prep Date:		12/22/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium		ND	0.0100								
Calcium		ND	0.300								
Iron		ND	0.150								
Magnesium		ND	0.300								
Potassium		ND	0.300								
Sodium		ND	0.300								

Sample ID:	LCS-32793	Batch ID:	32793		TestNo:		SW6020		Units:		mg/L
SampType:	LCS	Run ID:	ICP-MS3_081230A		Analysis Date:		12/30/08 12:59 PM		Prep Date:		12/22/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium		0.194	0.0100	0.200	0	96.9	80	120			
Calcium		4.70	0.300	5.00	0	93.9	80	120			
Iron		4.68	0.150	5.00	0	93.7	80	120			
Magnesium		4.60	0.300	5.00	0	92.0	80	120			
Potassium		4.71	0.300	5.00	0	94.2	80	120			
Sodium		4.65	0.300	5.00	0	93.0	80	120			

Sample ID:	LCSD-32793	Batch ID:	32793		TestNo:		SW6020		Units:		mg/L
SampType:	LCSD	Run ID:	ICP-MS3_081230A		Analysis Date:		12/30/08 01:04 PM		Prep Date:		12/22/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium		0.194	0.0100	0.200	0	97.2	80	120	0.258	15	
Calcium		4.92	0.300	5.00	0	98.3	80	120	4.58	15	
Iron		4.68	0.150	5.00	0	93.5	80	120	0.150	15	
Magnesium		4.82	0.300	5.00	0	96.3	80	120	4.59	15	
Potassium		4.93	0.300	5.00	0	98.6	80	120	4.59	15	
Sodium		4.88	0.300	5.00	0	97.5	80	120	4.72	15	

Sample ID:	0812182-03C SD	Batch ID:	32793		TestNo:		SW6020		Units:		mg/L
SampType:	SD	Run ID:	ICP-MS3_081230A		Analysis Date:		12/30/08 02:14 PM		Prep Date:		12/22/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Calcium		2460	1500	0	2430				1.17	10	
Magnesium		721	1500	0	717				0.584	10	
Sodium		6040	1500	0	6000				0.632	10	

Sample ID:	0812182-03C PDS	Batch ID:	32793		TestNo:		SW6020		Units:		mg/L
SampType:	PDS	Run ID:	ICP-MS3_081230A		Analysis Date:		12/30/08 02:19 PM		Prep Date:		12/22/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Calcium		7340	300	5000	2430	98.2	75	125			
Magnesium		5300	300	5000	717	91.7	75	125			
Sodium		10600	300	5000	6000	93.1	75	125			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812182
Project: RRC- WOD (Snyder: West O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS3_081230A

Sample ID:	ICV1-081230	Batch ID:	R41249	TestNo:	SW6020	Units:	mg/L
SampType:	ICV	Run ID:	ICP-MS3_081230A	Analysis Date:	12/30/08 12:11 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium	0.0973	0.0100	0.100	0	97.3	90	110			
Calcium	2.39	0.300	2.50	0	95.7	90	110			
Iron	2.55	0.150	2.50	0	102	90	110			
Magnesium	2.47	0.300	2.50	0	98.8	90	110			
Potassium	2.46	0.300	2.50	0	98.3	90	110			
Sodium	2.46	0.300	2.50	0	98.6	90	110			

Sample ID:	CCV1-081230	Batch ID:	R41249	TestNo:	SW6020	Units:	mg/L
SampType:	CCV	Run ID:	ICP-MS3_081230A	Analysis Date:	12/30/08 01:37 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Barium	0.198	0.0100	0.200	0	99.0	90	110			
Calcium	4.97	0.300	5.00	0	99.4	90	110			
Iron	4.79	0.150	5.00	0	95.8	90	110			
Magnesium	4.90	0.300	5.00	0	98.0	90	110			
Potassium	5.12	0.300	5.00	0	102	90	110			
Sodium	4.87	0.300	5.00	0	97.4	90	110			

Sample ID:	CCV2-081230	Batch ID:	R41249	TestNo:	SW6020	Units:	mg/L
SampType:	CCV	Run ID:	ICP-MS3_081230A	Analysis Date:	12/30/08 02:45 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Calcium	5.03	0.300	5.00	0	101	90	110			
Magnesium	4.72	0.300	5.00	0	94.3	90	110			
Sodium	4.73	0.300	5.00	0	94.5	90	110			

Sample ID:	CCV3-081230	Batch ID:	R41249	TestNo:	SW6020	Units:	mg/L
SampType:	CCV	Run ID:	ICP-MS3_081230A	Analysis Date:	12/30/08 03:37 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Calcium	5.02	0.300	5.00	0	100	90	110			
Magnesium	4.68	0.300	5.00	0	93.6	90	110			
Sodium	4.56	0.300	5.00	0	91.1	90	110			

Sample ID:	CCV4-081230	Batch ID:	R41249	TestNo:	SW6020	Units:	mg/L
SampType:	CCV	Run ID:	ICP-MS3_081230A	Analysis Date:	12/30/08 05:13 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Calcium	5.17	0.300	5.00	0	103	90	110			
Iron	4.79	0.150	5.00	0	95.9	90	110			
Magnesium	4.82	0.300	5.00	0	96.5	90	110			
Potassium	5.19	0.300	5.00	0	104	90	110			
Sodium	4.82	0.300	5.00	0	96.3	90	110			

Sample ID:	CCV5-081230	Batch ID:	R41249	TestNo:	SW6020	Units:	mg/L
SampType:	CCV	Run ID:	ICP-MS3_081230A	Analysis Date:	12/30/08 06:20 PM	Prep Date:	

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Calcium	5.02	0.300	5.00	0	100	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812182
Project: RRC- WOD (Snyder: West O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS3_081230A

Iron	4.64	0.150	5.00	0	92.8	90	110
Magnesium	4.73	0.300	5.00	0	94.6	90	110
Potassium	5.07	0.300	5.00	0	101	90	110
Sodium	4.72	0.300	5.00	0	94.4	90	110

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812182
Project: RRC- WOD (Snyder: West O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: ICP-MS3_081231D

Sample ID:	ICV1-081231	Batch ID:	R41283	TestNo:	SW6020		Units:	mg/L		
SampType:	ICV	Run ID:	ICP-MS3_081231D	Analysis Date:	12/31/08 01:44 PM		Prep Date:			
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Sodium		2.54	0.300	2.50	0	102	90	110			

Sample ID:	CCV1-081231	Batch ID:	R41283	TestNo:	SW6020		Units:	mg/L		
SampType:	CCV	Run ID:	ICP-MS3_081231D	Analysis Date:	12/31/08 02:56 PM		Prep Date:			
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Sodium		5.01	0.300	5.00	0	100	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812182
Project: RRC- WOD (Snyder: West O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: IC2_081222A

Sample ID:	ICV-081222	Batch ID:	R41158	TestNo:	E300	Units:	mg/L
SampType:	ICV	Run ID:	IC2_081222A	Analysis Date:	12/22/08 09:01 AM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	24.8	1.00	25.00	0	99.2	90	110			
Sulfate	74.9	3.00	75.00	0	99.8	90	110			

Sample ID:	LCS-081222	Batch ID:	R41158	TestNo:	E300	Units:	mg/L
SampType:	LCS	Run ID:	IC2_081222A	Analysis Date:	12/22/08 09:18 AM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	9.56	1.00	10.00	0	95.6	90	110			
Sulfate	29.2	3.00	30.00	0	97.4	90	110			

Sample ID:	LCSD-081222	Batch ID:	R41158	TestNo:	E300	Units:	mg/L
SampType:	LCSD	Run ID:	IC2_081222A	Analysis Date:	12/22/08 09:32 AM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	9.49	1.00	10.00	0	94.9	90	110	0.679	20	
Sulfate	29.0	3.00	30.00	0	96.7	90	110	0.717	20	

Sample ID:	MB-081222	Batch ID:	R41158	TestNo:	E300	Units:	mg/L
SampType:	MBLK	Run ID:	IC2_081222A	Analysis Date:	12/22/08 09:47 AM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	ND	1.00								
Sulfate	ND	3.00								

Sample ID:	CCV1-081222	Batch ID:	R41158	TestNo:	E300	Units:	mg/L
SampType:	CCV	Run ID:	IC2_081222A	Analysis Date:	12/22/08 11:44 AM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	9.60	1.00	10.00	0	96.0	90	110			
Sulfate	29.1	3.00	30.00	0	96.9	90	110			

Sample ID:	0812178-03D MS	Batch ID:	R41158	TestNo:	E300	Units:	mg/L
SampType:	MS	Run ID:	IC2_081222A	Analysis Date:	12/22/08 12:30 PM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	29700	1000	10000	19330	104	90	110			

Sample ID:	0812178-03D MSD	Batch ID:	R41158	TestNo:	E300	Units:	mg/L
SampType:	MSD	Run ID:	IC2_081222A	Analysis Date:	12/22/08 12:45 PM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	29900	1000	10000	19330	105	90	110	0.469	20	

Sample ID:	0812178-03D MS	Batch ID:	R41158	TestNo:	E300	Units:	mg/L
SampType:	MS	Run ID:	IC2_081222A	Analysis Date:	12/22/08 01:14 PM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Sulfate	4440	300	3000	1481	98.8	90	110			

Sample ID:	0812178-03D MSD	Batch ID:	R41158	TestNo:	E300	Units:	mg/L
SampType:	MSD	Run ID:	IC2_081222A	Analysis Date:	12/22/08 01:29 PM	Prep Date:	12/22/08

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812182
Project: RRC- WOD (Snyder: West O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: IC2_081222A

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Sulfate	4500	300	3000	1481	101	90	110	1.27	20	

Sample ID:	CCV2-081222	Batch ID:	R41158	TestNo:	E300	Units:	mg/L
SampType:	CCV	Run ID:	IC2_081222A	Analysis Date:	12/22/08 02:28 PM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	9.76	1.00	10.00	0	97.6	90	110			
Sulfate	29.6	3.00	30.00	0	98.7	90	110			

Sample ID:	CCV3-081222	Batch ID:	R41158	TestNo:	E300	Units:	mg/L
SampType:	CCV	Run ID:	IC2_081222A	Analysis Date:	12/22/08 05:15 PM	Prep Date:	12/22/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	9.84	1.00	10.00	0	98.4	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812182
Project: RRC- WOD (Snyder: West O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: IC2_081223A

Sample ID:	ICV-081223	Batch ID:	R41176	TestNo:	E300	Units:	mg/L
SampType:	ICV	Run ID:	IC2_081223A	Analysis Date:	12/23/08 08:49 AM	Prep Date:	12/23/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	25.5	1.00	25.00	0	102	90	110			
Sulfate	76.8	3.00	75.00	0	102	90	110			

Sample ID:	LCS-081223	Batch ID:	R41176	TestNo:	E300	Units:	mg/L
SampType:	LCS	Run ID:	IC2_081223A	Analysis Date:	12/23/08 09:11 AM	Prep Date:	12/23/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	9.68	1.00	10.00	0	96.8	90	110			
Sulfate	29.4	3.00	30.00	0	98.0	90	110			

Sample ID:	LCSD-081223	Batch ID:	R41176	TestNo:	E300	Units:	mg/L
SampType:	LCSD	Run ID:	IC2_081223A	Analysis Date:	12/23/08 09:26 AM	Prep Date:	12/23/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	9.61	1.00	10.00	0	96.1	90	110	0.745	20	
Sulfate	29.3	3.00	30.00	0	97.7	90	110	0.347	20	

Sample ID:	MB-081223	Batch ID:	R41176	TestNo:	E300	Units:	mg/L
SampType:	MBLK	Run ID:	IC2_081223A	Analysis Date:	12/23/08 09:41 AM	Prep Date:	12/23/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	ND	1.00								
Sulfate	ND	3.00								

Sample ID:	0812182-03D MS	Batch ID:	R41176	TestNo:	E300	Units:	mg/L
SampType:	MS	Run ID:	IC2_081223A	Analysis Date:	12/23/08 11:14 AM	Prep Date:	12/23/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Sulfate	3780	300	3000	870.0	97.1	90	110			

Sample ID:	0812182-03D MSD	Batch ID:	R41176	TestNo:	E300	Units:	mg/L
SampType:	MSD	Run ID:	IC2_081223A	Analysis Date:	12/23/08 11:29 AM	Prep Date:	12/23/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Sulfate	3800	300	3000	870.0	97.6	90	110	0.398	20	

Sample ID:	CCV1-081223	Batch ID:	R41176	TestNo:	E300	Units:	mg/L
SampType:	CCV	Run ID:	IC2_081223A	Analysis Date:	12/23/08 11:43 AM	Prep Date:	12/23/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	9.71	1.00	10.00	0	97.1	90	110			
Sulfate	29.2	3.00	30.00	0	97.2	90	110			

Sample ID:	0812182-03D MS	Batch ID:	R41176	TestNo:	E300	Units:	mg/L
SampType:	MS	Run ID:	IC2_081223A	Analysis Date:	12/23/08 12:00 PM	Prep Date:	12/23/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	19200	1000	10000	9345	98.3	90	110			

Sample ID:	0812182-03D MSD	Batch ID:	R41176	TestNo:	E300	Units:	mg/L
SampType:	MSD	Run ID:	IC2_081223A	Analysis Date:	12/23/08 12:15 PM	Prep Date:	12/23/08

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812182
Project: RRC- WOD (Snyder: West O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: IC2_081223A

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	19200	1000	10000	9345	98.7	90	110	0.244	20	

Sample ID:	CCV2-081223	Batch ID:	R41176	TestNo:	E300	Units:	mg/L
SampType:	CCV	Run ID:	IC2_081223A	Analysis Date:	12/23/08 02:29 PM	Prep Date:	12/23/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	9.73	1.00	10.00	0	97.3	90	110			
Sulfate	29.4	3.00	30.00	0	98.2	90	110			

Sample ID:	CCV3-081223	Batch ID:	R41176	TestNo:	E300	Units:	mg/L
SampType:	CCV	Run ID:	IC2_081223A	Analysis Date:	12/23/08 05:04 PM	Prep Date:	12/23/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride	9.83	1.00	10.00	0	98.3	90	110			
Sulfate	29.5	3.00	30.00	0	98.3	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812182
Project: RRC- WOD (Snyder: West O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: IC2_081230A

Sample ID:	ICV-081230	Batch ID:	R41228		TestNo:		E300		Units:		mg/L
SampType:	ICV	Run ID:	IC2_081230A		Analysis Date:		12/30/08 08:59 AM		Prep Date:		12/30/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride		24.1	1.00	25.00	0	96.3	90	110			
Sulfate		72.8	3.00	75.00	0	97.0	90	110			

Sample ID:	LCS-081230	Batch ID:	R41228		TestNo:		E300		Units:		mg/L
SampType:	LCS	Run ID:	IC2_081230A		Analysis Date:		12/30/08 09:21 AM		Prep Date:		12/30/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride		9.24	1.00	10.00	0	92.4	90	110			
Sulfate		28.1	3.00	30.00	0	93.7	90	110			

Sample ID:	LCSD-081230	Batch ID:	R41228		TestNo:		E300		Units:		mg/L
SampType:	LCSD	Run ID:	IC2_081230A		Analysis Date:		12/30/08 09:36 AM		Prep Date:		12/30/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride		9.20	1.00	10.00	0	92.0	90	110	0.425	20	
Sulfate		28.0	3.00	30.00	0	93.3	90	110	0.488	20	

Sample ID:	MB-081230	Batch ID:	R41228		TestNo:		E300		Units:		mg/L
SampType:	MBLK	Run ID:	IC2_081230A		Analysis Date:		12/30/08 09:51 AM		Prep Date:		12/30/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride		ND	1.00								
Sulfate		ND	3.00								

Sample ID:	0812204-01D MS	Batch ID:	R41228		TestNo:		E300		Units:		mg/L
SampType:	MS	Run ID:	IC2_081230A		Analysis Date:		12/30/08 10:27 AM		Prep Date:		12/30/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride		37.8	1.00	10.00	27.86	99.4	90	110			
Sulfate		69.0	3.00	30.00	39.91	96.9	90	110			

Sample ID:	0812204-01D MSD	Batch ID:	R41228		TestNo:		E300		Units:		mg/L
SampType:	MSD	Run ID:	IC2_081230A		Analysis Date:		12/30/08 10:41 AM		Prep Date:		12/30/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride		37.7	1.00	10.00	27.86	98.3	90	110	0.290	20	
Sulfate		68.9	3.00	30.00	39.91	96.5	90	110	0.175	20	

Sample ID:	CCV1-081230	Batch ID:	R41228		TestNo:		E300		Units:		mg/L
SampType:	CCV	Run ID:	IC2_081230A		Analysis Date:		12/30/08 11:56 AM		Prep Date:		12/30/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride		9.36	1.00	10.00	0	93.6	90	110			
Sulfate		28.5	3.00	30.00	0	95.0	90	110			

Sample ID:	CCV2-081230	Batch ID:	R41228		TestNo:		E300		Units:		mg/L
SampType:	CCV	Run ID:	IC2_081230A		Analysis Date:		12/30/08 01:15 PM		Prep Date:		12/30/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Sulfate		28.7	3.00	30.00	0	95.6	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812182
Project: RRC- WOD (Snyder: West O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: IC2_090107A

Sample ID:	ICV-090107	Batch ID:	R41306		TestNo:		E300			Units:	mg/L
SampType:	ICV	Run ID:	IC2_090107A		Analysis Date:		01/07/09 08:50 AM			Prep Date:	01/07/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride		24.0	1.00	25.00	0	95.8	90	110			

Sample ID:	MB-090107	Batch ID:	R41306		TestNo:		E300			Units:	mg/L
SampType:	MBLK	Run ID:	IC2_090107A		Analysis Date:		01/07/09 09:14 AM			Prep Date:	01/07/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride		ND	1.00								

Sample ID:	CCV1-090107	Batch ID:	R41306		TestNo:		E300			Units:	mg/L
SampType:	CCV	Run ID:	IC2_090107A		Analysis Date:		01/07/09 10:57 AM			Prep Date:	01/07/09
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Chloride		9.06	1.00	10.00	0	90.6	90	110			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812182
Project: RRC- WOD (Snyder: West O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: TITRATOR_081223A

Sample ID:	ICV-081223	Batch ID:	R41186		TestNo:		M2320 B		Units:		mg/L
SampType:	ICV	Run ID:	TITRATOR_081223A		Analysis Date:		12/23/08 03:53 PM		Prep Date:		12/23/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Alkalinity, Bicarbonate (As CaCO3)		6.00	20.0	0							
Alkalinity, Carbonate (As CaCO3)		94.9	20.0	0							
Alkalinity, Hydroxide (As CaCO3)		0	20.0	0							
Alkalinity, Total (As CaCO3)		101	20.0	100.0	0	101	98	102			

Sample ID:	MB-081223	Batch ID:	R41186		TestNo:		M2320 B		Units:		mg/L
SampType:	MBLK	Run ID:	TITRATOR_081223A		Analysis Date:		12/23/08 03:54 PM		Prep Date:		12/23/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Alkalinity, Bicarbonate (As CaCO3)		ND	20.0								
Alkalinity, Carbonate (As CaCO3)		ND	20.0								
Alkalinity, Hydroxide (As CaCO3)		ND	20.0								
Alkalinity, Total (As CaCO3)		ND	20.0								

Sample ID:	LCS-081223	Batch ID:	R41186		TestNo:		M2320 B		Units:		mg/L
SampType:	LCS	Run ID:	TITRATOR_081223A		Analysis Date:		12/23/08 03:58 PM		Prep Date:		12/23/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Alkalinity, Total (As CaCO3)		55.0	20.0	50.00	0	110	74	129			

Sample ID:	0812176-01B DUP	Batch ID:	R41186		TestNo:		M2320 B		Units:		mg/L
SampType:	DUP	Run ID:	TITRATOR_081223A		Analysis Date:		12/23/08 04:18 PM		Prep Date:		12/23/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Alkalinity, Bicarbonate (As CaCO3)		428	20.0	0	427.2				0.0702	20	
Alkalinity, Carbonate (As CaCO3)		21.2	20.0	0	21.80				2.79	20	
Alkalinity, Hydroxide (As CaCO3)		0	20.0	0	0				0	20	
Alkalinity, Total (As CaCO3)		449	20.0	0	449.0				0.0668	20	

Sample ID:	CCV1-081223	Batch ID:	R41186		TestNo:		M2320 B		Units:		mg/L
SampType:	CCV	Run ID:	TITRATOR_081223A		Analysis Date:		12/23/08 05:11 PM		Prep Date:		12/23/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Alkalinity, Bicarbonate (As CaCO3)		16.2	20.0	0							
Alkalinity, Carbonate (As CaCO3)		83.7	20.0	0							
Alkalinity, Hydroxide (As CaCO3)		0	20.0	0							
Alkalinity, Total (As CaCO3)		99.9	20.0	100.0	0	99.9	90	110			

Sample ID:	0812182-08D DUP	Batch ID:	R41186		TestNo:		M2320 B		Units:		mg/L
SampType:	DUP	Run ID:	TITRATOR_081223A		Analysis Date:		12/23/08 05:43 PM		Prep Date:		12/23/08
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Alkalinity, Bicarbonate (As CaCO3)		357	20.0	0	355.8				0.225	20	
Alkalinity, Carbonate (As CaCO3)		0	20.0	0	0				0	20	
Alkalinity, Hydroxide (As CaCO3)		0	20.0	0	0				0	20	
Alkalinity, Total (As CaCO3)		357	20.0	0	355.8				0.225	20	

Sample ID:	CCV2-081223	Batch ID:	R41186		TestNo:		M2320 B		Units:		mg/L
SampType:	CCV	Run ID:	TITRATOR_081223A		Analysis Date:		12/23/08 05:48 PM		Prep Date:		12/23/08

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812182
Project: RRC- WOD (Snyder: West O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: TITRATOR_081223A

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Alkalinity, Bicarbonate (As CaCO3)	21.0	20.0	0							
Alkalinity, Carbonate (As CaCO3)	82.9	20.0	0							
Alkalinity, Hydroxide (As CaCO3)	0	20.0	0							
Alkalinity, Total (As CaCO3)	104	20.0	100.0	0	104	90	110			

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812182
Project: RRC- WOD (Snyder: West O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: TITRATOR_081230A

Sample ID: ICV-081230 Batch ID: R41232 TestNo: M2320 B Units: mg/L
SampType: ICV Run ID: TITRATOR_081230A Analysis Date: 12/30/08 10:55 AM Prep Date: 12/30/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Alkalinity, Bicarbonate (As CaCO3)	5.04	20.0	0							
Alkalinity, Carbonate (As CaCO3)	96.2	20.0	0							
Alkalinity, Hydroxide (As CaCO3)	0	20.0	0							
Alkalinity, Total (As CaCO3)	101	20.0	100.0	0	101	98	102			

Sample ID: MB-081230 Batch ID: R41232 TestNo: M2320 B Units: mg/L
SampType: MBLK Run ID: TITRATOR_081230A Analysis Date: 12/30/08 10:57 AM Prep Date: 12/30/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Alkalinity, Bicarbonate (As CaCO3)	ND	20.0								
Alkalinity, Carbonate (As CaCO3)	ND	20.0								
Alkalinity, Hydroxide (As CaCO3)	ND	20.0								
Alkalinity, Total (As CaCO3)	ND	20.0								

Sample ID: LCS-081230 Batch ID: R41232 TestNo: M2320 B Units: mg/L
SampType: LCS Run ID: TITRATOR_081230A Analysis Date: 12/30/08 11:00 AM Prep Date: 12/30/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Alkalinity, Total (As CaCO3)	55.1	20.0	50.00	0	110	74	129			

Sample ID: 0812182-09D DUP Batch ID: R41232 TestNo: M2320 B Units: mg/L
SampType: DUP Run ID: TITRATOR_081230A Analysis Date: 12/30/08 11:13 AM Prep Date: 12/30/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Alkalinity, Bicarbonate (As CaCO3)	244	20.0	0	245.8				0.940	20	
Alkalinity, Carbonate (As CaCO3)	0	20.0	0	0				0	20	
Alkalinity, Hydroxide (As CaCO3)	0	20.0	0	0				0	20	
Alkalinity, Total (As CaCO3)	244	20.0	0	245.8				0.940	20	

Sample ID: CCV1-081230 Batch ID: R41232 TestNo: M2320 B Units: mg/L
SampType: CCV Run ID: TITRATOR_081230A Analysis Date: 12/30/08 11:56 AM Prep Date: 12/30/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Alkalinity, Bicarbonate (As CaCO3)	12.1	20.0	0							
Alkalinity, Carbonate (As CaCO3)	91.7	20.0	0							
Alkalinity, Hydroxide (As CaCO3)	0	20.0	0							
Alkalinity, Total (As CaCO3)	104	20.0	100.0	0	104	90	110			

Sample ID: 0812204-01D DUP Batch ID: R41232 TestNo: M2320 B Units: mg/L
SampType: DUP Run ID: TITRATOR_081230A Analysis Date: 12/30/08 12:45 PM Prep Date: 12/30/08

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Alkalinity, Bicarbonate (As CaCO3)	270	20.0	0	269.3				0.334	20	
Alkalinity, Carbonate (As CaCO3)	0	20.0	0	0				0	20	
Alkalinity, Hydroxide (As CaCO3)	0	20.0	0	0				0	20	
Alkalinity, Total (As CaCO3)	270	20.0	0	269.3				0.334	20	

Sample ID: CCV2-081230 Batch ID: R41232 TestNo: M2320 B Units: mg/L
SampType: CCV Run ID: TITRATOR_081230A Analysis Date: 12/30/08 12:50 PM Prep Date: 12/30/08

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812182
Project: RRC- WOD (Snyder: West O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: TITRATOR_081230A

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Alkalinity, Bicarbonate (As CaCO3)	17.5	20.0	0							
Alkalinity, Carbonate (As CaCO3)	85.8	20.0	0							
Alkalinity, Hydroxide (As CaCO3)	0	20.0	0							
Alkalinity, Total (As CaCO3)	103	20.0	100.0	0	103	90	110			

Qualifiers:

B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
DF	Dilution Factor	RL	Reporting Limit
J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
MDL	Method Detection Limit	J	Analyte detected between SDL and RL
ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

CLIENT: TRC Environmental Corp.
Work Order: 0812182
Project: RRC- WOD (Snyder: West O'Daniel)

ANALYTICAL QC SUMMARY REPORT

RunID: WC_081223C

Sample ID:	MB-081223	Batch ID:	TDS_W-12/23/08	TestNo:	M2540C			Units:		mg/L	
SampType:	MBLK	Run ID:	WC_081223C	Analysis Date:	12/23/08 10:50 AM			Prep Date:		12/23/08	
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Fi		ND	10.0								

Sample ID:	LCS-081223	Batch ID:	TDS_W-12/23/08	TestNo:	M2540C			Units:		mg/L	
SampType:	LCS	Run ID:	WC_081223C	Analysis Date:	12/23/08 10:50 AM			Prep Date:		12/23/08	
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Fi		742	10.0	745.6	0	99.5	90	113			

Sample ID:	0812178-06D DUP	Batch ID:	TDS_W-12/23/08	TestNo:	M2540C			Units:		mg/L	
SampType:	DUP	Run ID:	WC_081223C	Analysis Date:	12/23/08 10:50 AM			Prep Date:		12/23/08	
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Fi		43600	10.0	0	42280				3.07	5	

Sample ID:	0812182-14D DUP	Batch ID:	TDS_W-12/23/08	TestNo:	M2540C			Units:		mg/L	
SampType:	DUP	Run ID:	WC_081223C	Analysis Date:	12/23/08 10:50 AM			Prep Date:		12/23/08	
Analyte		Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Fi		33700	10.0	0	33420				0.775	5	

Qualifiers:				
	B	Analyte detected in the associated Method Blank	R	RPD outside accepted control limits
	DF	Dilution Factor	RL	Reporting Limit
	J	Analyte detected between MDL and RL	S	Spike Recovery outside control limits
	MDL	Method Detection Limit	J	Analyte detected between SDL and RL
	ND	Not Detected at the Method Detection Limit	N	Parameter not NELAC certified

ATTACHMENT 6

Analytical Data Review/Validation Checklist

BACKGROUND

Water samples were collected on December 16, 17 and 18, 2008. The samples were submitted to DHL Analytical in Round Rock, Texas. Results for the following methods are reported:

- Chloride and Sulfate by U.S. EPA Method 300.0
- Alkalinity by Standard Method (SM) 2320 B
- Total Dissolved Solids (TDS) by SM 2540 C
- Barium, Calcium, Iron, Magnesium, Potassium, and Sodium by SW846 Method 6020
- Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) by SW846 Method 8021B
- Total Petroleum Hydrocarbons (TPH) by Texas Method 1005

A review of quality control (QC) data associated with the samples was performed by TRC QA staff to ensure that the reported analytical results are valid, accurate, and sufficient to meet method quality objectives. Data were reviewed for compliance with the analytical protocols used for sample analysis and laboratory-defined control limits. Items reviewed during the data validation process included sample integrity, blank analyses, spike recoveries, and duplicate recoveries. Samples reviewed are presented in Table 1.

The following is a discussion of the QC analyses performed with the site samples and any potential data limitations associated with the results of analyses.

SAMPLE INTEGRITY

All samples were adequately preserved and arrived at the laboratory in good condition. All preparatory steps were performed within method-defined holding times. All samples were analyzed within method-defined holding times.

BLANK ANALYSES

Target analytes were not detected in reported any of the reported method blanks indicating that laboratory contamination did not impact analytical results.

BTEX compounds were not detected in submitted trip blanks indicating that that samples were not contaminated with volatile compounds during sample shipment and/or storage.

SPIKE RECOVERIES

All reported LCS recoveries fall within laboratory-derived QC limits indicating that the laboratory confirmed adequate measurement control in the absence of potential matrix interferences at the time of sample analyses.

Recoveries for the following MS/MSD pairs fall within laboratory-specified limits indicating that potential matrix interferences with target analyte recoveries are minimal:

- Samples E-WW-02 for TPH
- Samples C-WW-01, S-MW-03, and BEG-MW-14 for BTEX
- Sample E-SS-56 for calcium, magnesium, potassium, and sodium
- Samples C-WW-03, E-WW-02, BEG-MW-13, S-Sump-01, and E-SS-56 for chloride and sulfate

Sample BEG-MW-14 was analyzed as an MS/MSD pair for metals. Both recoveries of sodium, calcium, and magnesium are outside laboratory-defined control limits. No data interpretation issues are indicated for since concentrations in the un-spiked analysis of sample BEG-MW-14 are more than four times spiking concentrations.

Sample E-SS-56 was analyzed as an MS/MSD pair for metals. Both recoveries of calcium, magnesium, and sodium are greater than acceptance criteria. No data interpretation issues are indicated for since concentrations in the un-spiked analysis of sample E-SS-56 are more than four times spiking concentrations.

Sample S-Sump-01 was analyzed as an MS/MSD pair for metals. Both recoveries of calcium and sodium are greater than acceptance criteria. No data interpretation issues are indicated for since concentrations in the un-spiked analysis of sample S-Sump-01 are more than four times spiking concentrations.

Surrogate recoveries are within laboratory-defined control limits indicating that extraction efficiencies were adequate for samples analyzed for TPH and BTEX.

DUPLICATE SAMPLE ANALYSES

All reported RPD values for LCS/LCSD pairs are within laboratory-derived limits indicating that the laboratory achieved adequate precision in the absence of potential matrix interferences at the time of sample analysis.

RPD values associated with MS/MSD analyses are within laboratory-specified limits indicating that the sample matrix has minimal impact, if any, on analytical precision.

Sample C-WW-01-D was collected as a field duplicate of sample C-WW-01. Calculated RPD values for detected analytes in these analyses are presented in Table 2. Calculated RPD values for ethylbenzene, toluene, barium, calcium, iron, magnesium, and sulfate fall outside the expected range (i.e., RPD $\leq$ 20%). These results are indicative of inadequate precision in reported analytical results for benzene and sulfate in sample C-WW-01. This excessive variability may extend to other samples collected at the Click site.

Sample BEG-MW-06D was collected as a field duplicate of sample BEG-MW-06. Calculated RPD values for detected analytes in these analyses are presented in Table 3. The calculated RPD value for iron falls outside the expected range. These results are indicative of inadequate precision in reported analytical results for iron in sample BEG-MW-06. This excessive variability may extend to other samples collected at the O'Daniel site.

Sample S-MW-04-D was collected as a field duplicate of sample S-MW-04. Calculated RPD values for detected analytes in these analyses are presented in Table 4. The calculated RPD value for iron falls outside the expected range. These results are indicative of inadequate precision in reported analytical results for iron in sample S-MW-04. This excessive variability may extend to other samples collected at the West O'Daniel site.

Samples C-MW-02, BEG-MW-12, and BEG-MW-14 were analyzed as laboratory duplicates for alkalinity. Samples C-WW-02, C-MW-02, C-P-01, BEG-MW-11, and BEG-MW-06D were analyzed as laboratory duplicates for TDS. All RPD values are within laboratory-specified control limits and no data interpretation issues are indicated by these results.

CONCLUSIONS

QC data associated with laboratory measurements indicate that data are defensible and that measurement data reliability is within expected limits of sampling and analytical error. No data interpretation issues were identified during the course of this assessment.

Table 1. Evaluated Samples

TRC ID	Collected	DHL ID
O'Daniel		
BEG-MW-12	12/16/2008	0812147-01
E-WW-02	12/16/2008	0812147-02
E-WW-01	12/16/2008	0812147-03
BEG-MW-10	12/16/2008	0812147-04
BEG-MW-09	12/16/2008	0812147-05
BEG-MW-05	12/16/2008	0812147-06
BEG-MW-07	12/16/2008	0812147-07
BEG-MW-08	12/16/2008	0812147-08
BEG-MW-15	12/16/2008	0812147-09
BEG-MW-02	12/17/2008	0812147-10
BEG-MW-13	12/17/2008	0812147-11
BEG-MW-11	12/17/2008	0812147-12
BEG-MW-14	12/17/2008	0812147-13
E-TB-12-17-08-01	12/17/2008	0812147-14
E-TB-12-17-08-02	12/17/2008	0812147-15
E-SS-58	12/17/2008	0812178-01
E-SS-57	12/17/2008	0812178-02
E-SS-56	12/17/2008	0812178-03
E-SS-55	12/17/2008	0812178-04
BEG-MW-06	12/17/2008	0812178-05
BEG-MW-06D	12/17/2008	0812178-06
BEG-MW-01	12/18/2008	0812178-07
E-TB-12-18-08-01	12/18/2008	0812178-08

TRC ID	Collected	DHL ID
Click		
C-WW-03	12/16/2008	0812146-01
C-S-03	12/16/2008	0812146-02
C-MW-06	12/16/2008	0812146-03
C-MW-05	12/16/2008	0812146-04
C-MW-17	12/16/2008	0812146-05
C-WW-02	12/16/2008	0812146-06
C-ST-01	12/16/2008	0812146-07
C-WW-01	12/16/2008	0812146-08
C-WW-01-D	12/16/2008	0812146-09
C-P-01	12/16/2008	0812146-10
C-MW-19	12/16/2008	0812146-11
C-MW-09	12/16/2008	0812146-12
C-S-04	12/16/2008	0812146-13
C-TB-12-17-08-02	12/16/2008	0812146-14
C-MW-02	12/16/2008	0812146-15
C-TB-12-17-08-01	12/16/2008	0812146-16

Table 1. Evaluated Samples (continued)

TRC ID	Collected	DHL ID
West O'Daniel		
S-S-02	12/18/2008	0812182-01
S-OB-01	12/18/2008	0812182-02
S-Sump-01	12/18/2008	0812182-03
S-Sump-02	12/18/2008	0812182-04
S-S-01	12/18/2008	0812182-05
Pump Effluent	12/18/2008	0812182-06
S-WW-53	12/17/2008	0812182-07
S-WW-52	12/17/2008	0812182-08
S-MW-07	12/17/2008	0812182-09
S-MW-06	12/17/2008	0812182-10
S-MW-04	12/17/2008	0812182-11
S-MW-04-D	12/17/2008	0812182-12
S-MW-02	12/17/2008	0812182-13
S-MW-03	12/17/2008	0812182-14
S-TB-12-18-08-01	12/18/2008	0812182-15
S-TB-12-18-08-02	12/18/2008	0812182-16

Table 2. Calculated RPD Values for Field Duplicate Analyses of Sample C-WW-01

Analyte	Result	Duplicate Result	Units	RPD	Flag
TPH C6-C12	0.960	0.897	mg/L	6.8	
Benzene	0.00953	0.00882	mg/L	7.7	
Ethylbenzene	**0.00276**	**0.00208**	**mg/L**	**28**	*****
Toluene	**0.00722**	**0.00515**	**mg/L**	**33**	*****
Barium	**0.266**	**0.432**	**mg/L**	**48**	*****
Calcium	**879**	**1130**	**mg/L**	**25**	*****
Iron	**8.91**	**14.4**	**mg/L**	**47**	*****
Magnesium	**229**	**292**	**mg/L**	**24**	*****
Potassium	15.5	16.7	mg/L	7.4	
Sodium	1760	1980	mg/L	12	
Chloride	5590	5290	mg/L	5.5	
Sulfate	**14.1**	**18.3**	**mg/L**	**26**	*****
TDS	10300	9440	mg/L	8.7	

* RPD Greater than expected (i.e., RPD > 20)

Table 3. Calculated RPD Values for Field Duplicate Analyses of Sample BEG-MW-06

Analyte	Result	Duplicate Result	Units	RPD	Flag
TPH C6-C12	0.675	ND	mg/L	NC	
Benzene	0.0952	0.0972	mg/L	2.1	
Barium	0.0946	0.103	mg/L	8.5	
Calcium	1990	2260	mg/L	13	
Iron	0.400	0.728	mg/L	58	*
Magnesium	482	490	mg/L	1.6	
Potassium	217	207	mg/L	4.7	
Sodium	10300	10000	mg/L	3.0	
Chloride	20200	20900	mg/L	3.4	
Sulfate	2620	2650	mg/L	1.1	
Alkalinity, Bicarbonate	241	240	mg/L	0.42	
TDS	43200	42300	mg/L	2.1	

* RPD Greater than expected (i.e., RPD > 20)
NC Not Calculated
ND Not Detected

Table 4. Calculated RPD Values for Field Duplicate Analyses of Sample S-MW-04

Analyte	Result	Duplicate Result	Units	RPD	Flag
Benzene	0.00118	0.00134	mg/L	13	
Barium	0.104	0.106	mg/L	1.9	
Calcium	1970	1870	mg/L	5.2	
Iron	**0.308**	**0.397**	**mg/L**	**25**	*****
Magnesium	507	497	mg/L	2.0	
Potassium	167	163	mg/L	2.4	
Sodium	11700	9850	mg/L	17	
Chloride	21300	20800	mg/L	2.4	
Sulfate	2190	2130	mg/L	2.8	
Alkalinity, Bicarbonate	161	161	mg/L	0	
TDS	41400	41100	mg/L	0.73	

* RPD Greater than expected (i.e., RPD > 20)