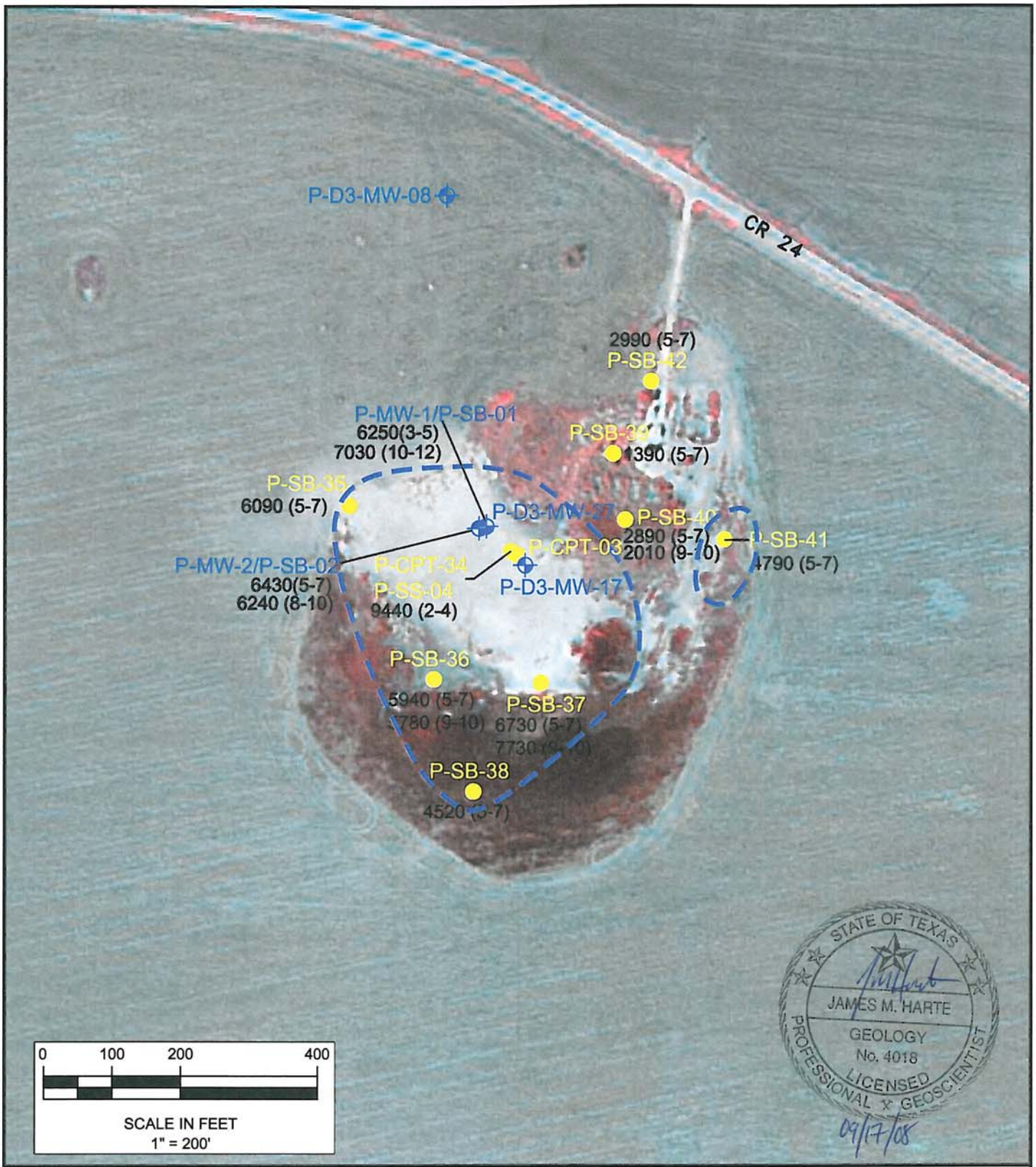


EXPLANATION:

- EXTENT OF ELEVATED CHLORIDE CONCENTRATIONS
- 4520 (5-7) CHLORIDE CONCENTRATION IN mg/kg (SAMPLE DEPTH IN FEET)
- MONITORING WELL
- SOIL BORING

SOURCE

USDA-FSA-APFO DIGITIAL ORTHOPHOTO QUARTER QUAD (DOQQ) DRISCOLL EAST NW (2004), TEXAS DOQQ.

N

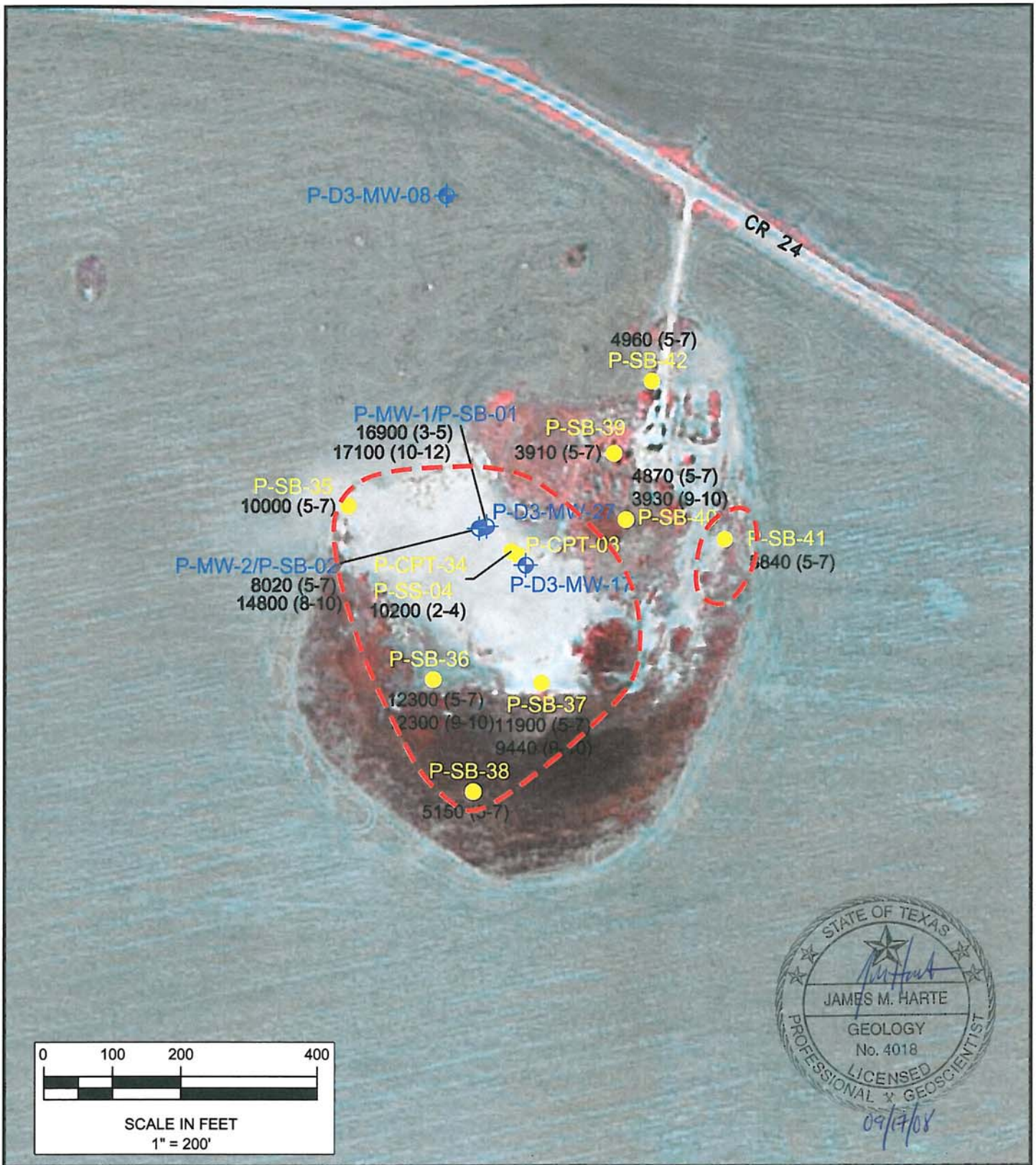
SITE MAP - AREA 5
CHLORIDE CONCENTRATIONS

RAILROAD COMMISSION OF TEXAS
PETRONILA CREEK

PROJECT NO.	160551	DWG FILE	160551-2-23
DRAWN BY.	CL	DATE	6/12/08

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

FIGURE 2-23



EXPLANATION:

- EXTENT OF ELEVATED CONDUCTIVITY CONCENTRATIONS
- 5150 (5-7) CONDUCTIVITY IN umhos/cm (SAMPLE DEPTH IN FEET)
- MONITORING WELL
- SOIL BORING

SOURCE

USDA-FSA-APFO DIGITIAL ORTHOPHOTO QUARTER QUAD (DOQQ) DRISCOLL EAST NW (2004), TEXAS DOQQ.

N

SITE MAP - AREA 5
CONDUCTIVITY CONCENTRATIONS

RAILROAD COMMISSION OF TEXAS
PETRONILA CREEK

PROJECT NO.	160551	DWG FILE	160551-2-24
DRAWN BY.	CL	DATE	6/12/08

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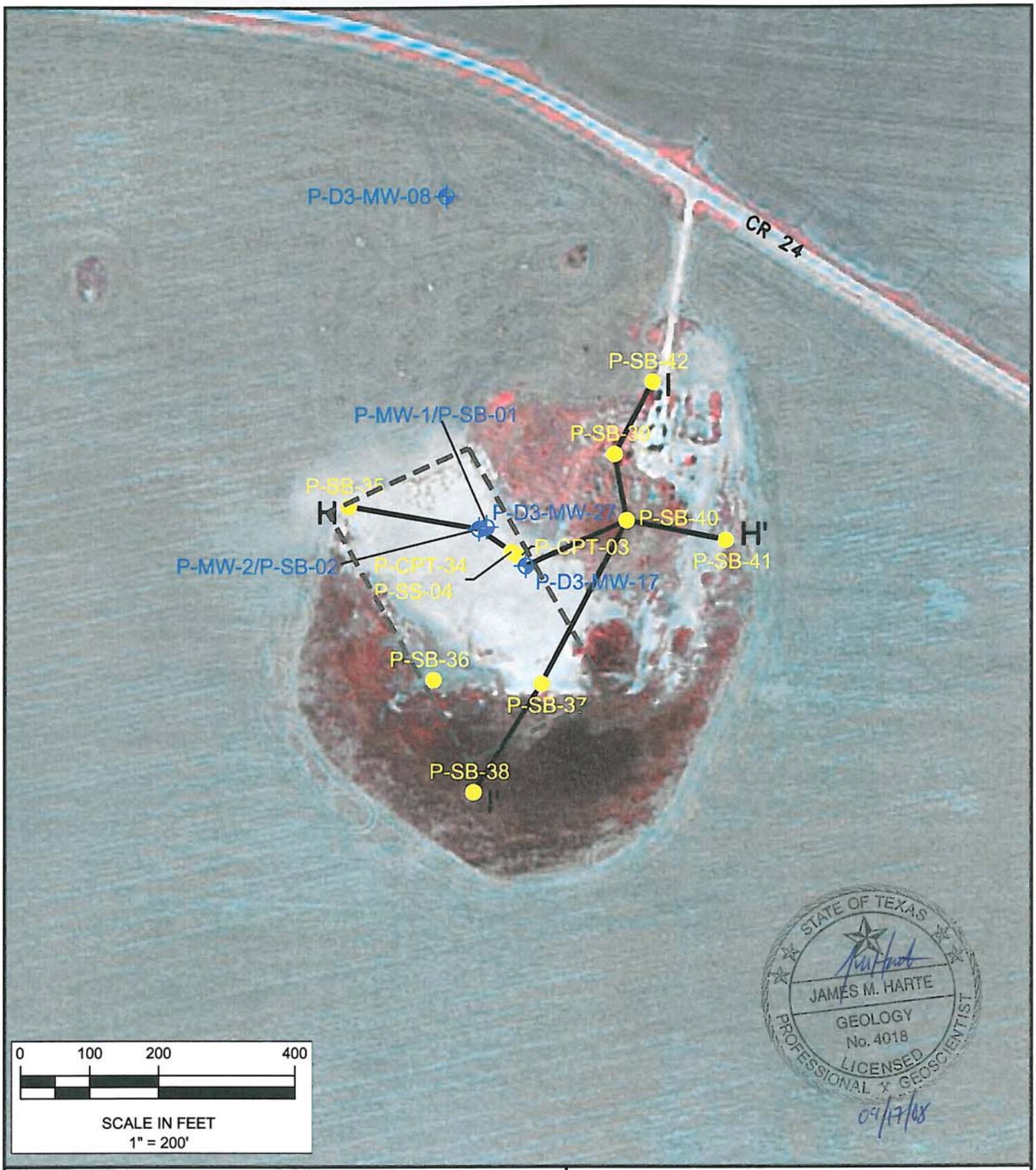
AUSTIN, TEXAS 78752
(512) 329-6080

FIGURE 2-24



EXPLANATION:

- MONITORING WELL
- SOIL BORING
- AREA OF HIGHEST CONCENTRATION

SOURCE

USDA-FSA-APFO DIGITIAL ORTHOPHOTO QUARTER QUAD (DOQQ) DRISCOLL EAST NW (2004), TEXAS DOQQ.

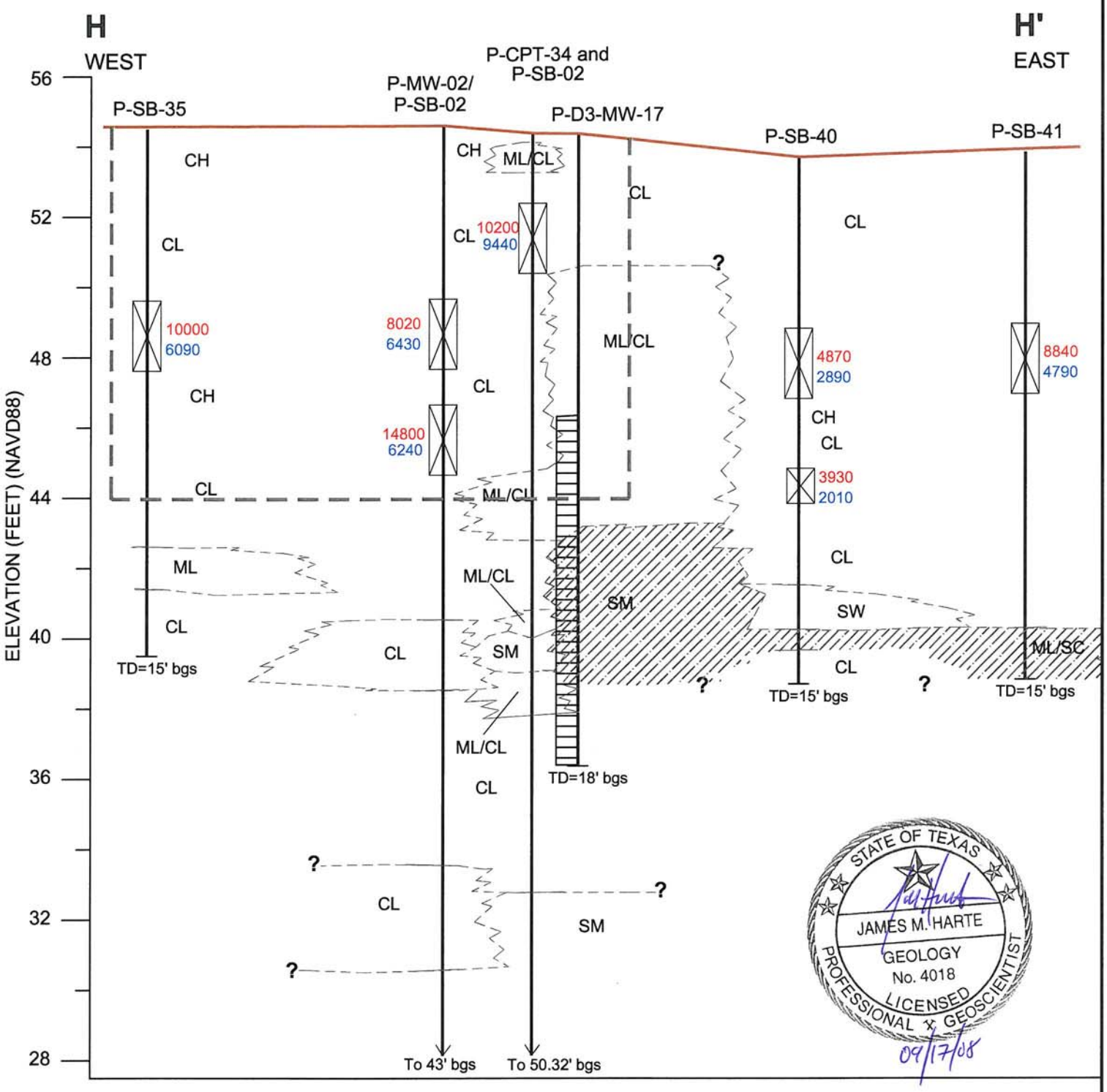
N

AREA 5
CROSS SECTIONS H-H' AND I-I'
RAILROAD COMMISSION OF TEXAS
PETRONILA CREEK

PROJECT NO.	160551	DWG FILE	160551-2-25
DRAWN BY.	CL	DATE	7/24/08

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

FIGURE 2-25



EXPLANATION:

- SAMPLE INTERVAL
- MONITORING WELL SCREEN INTERVAL
- SATURATED ZONES IDENTIFIED FROM FIELD OBSERVATION
- CONDUCTIVITY (reported in umhos/cm)
- CHLORIDE (reported in mg/kg)
- AREA OF HIGHEST CONCENTRATION

TD = TERMINAL SOIL BORING DEPTH
bgs = BELOW GROUND SURFACE

LITHOLOGY:

CL - LEAN CLAY
CH - FAT CLAY
ML - SILT
SW - WELL GRADED SAND
SM - SILTY SAND
SC - CLAYEY SAND

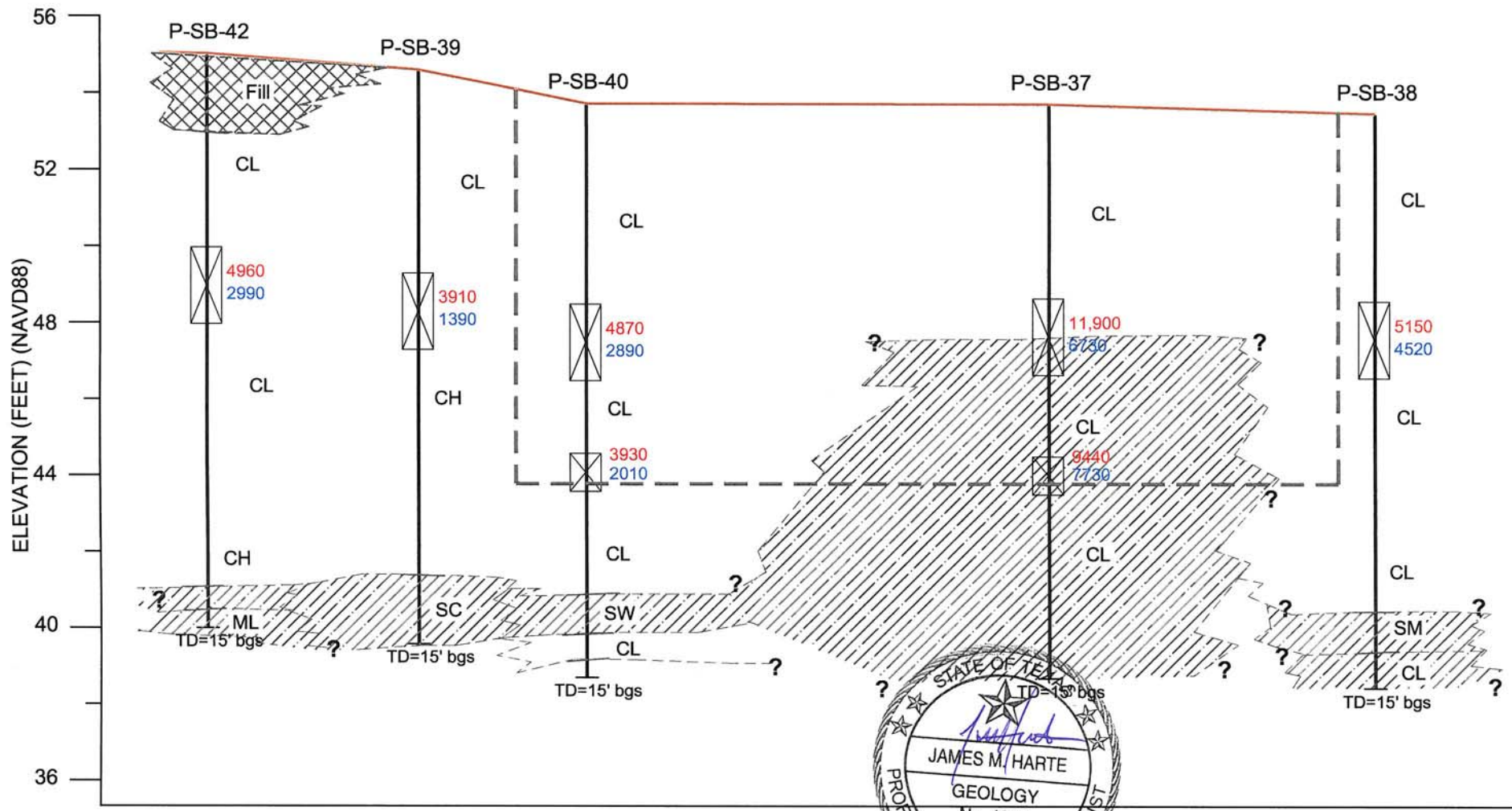
SCALE:
VERTICAL : 1" = 4'
HORIZONTAL : 1" = 90'
VERTICAL EXAGGERATION = 22.5X

AREA 5
CROSS-SECTION H-H'
RAILROAD COMMISSION OF TEXAS
PETRONILA CREEK

PROJECT NO.	160551	DWG FILE	160551-2-26(A5-XSHH)
DRAWN BY.	KS	DATE	7/24/08

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

FIGURE
2-26



EXPLANATION:

- SAMPLE INTERVAL
- SATURATED ZONES IDENTIFIED FROM FIELD OBSERVATION
- CONDUCTIVITY (reported in umhos/cm)
- CHLORIDE (reported in mg/kg)
- AREA OF HIGHEST CONCENTRATION
- TD = TERMINAL SOIL BORING DEPTH
- bgs = BELOW GROUND SURFACE

LITHOLOGY:

- CL - LEAN CLAY
- CH - FAT CLAY
- ML - SILT
- SW - WELL GRADED SAND
- SM - SILTY SAND
- SC - CLAYEY SAND

SCALE:
VERTICAL : 1" = 4'
HORIZONTAL : 1" = 90'
VERTICAL EXAGGERATION = 22.5X

STATE OF TEXAS
JAMES M. HARTE
GEOLOGY
No. 4018
LICENSED
PROFESSIONAL GEOSCIENTIST
09/14/08

AREA 5
CROSS-SECTION I-I'
RAILROAD COMMISSION OF TEXAS
PETRONILA CREEK

PROJECT NO.	160551	DWG FILE	160551-2-27(A5-XSII)
DRAWN BY.	KS	DATE	7/23/08

TRC
505 EAST HUNTLAND DRIVE
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AUSTIN, TEXAS 78752
(512) 329-6080

FIGURE
2-27

Table 2-1. Ranges and Average of Chloride and Conductivity Concentrations

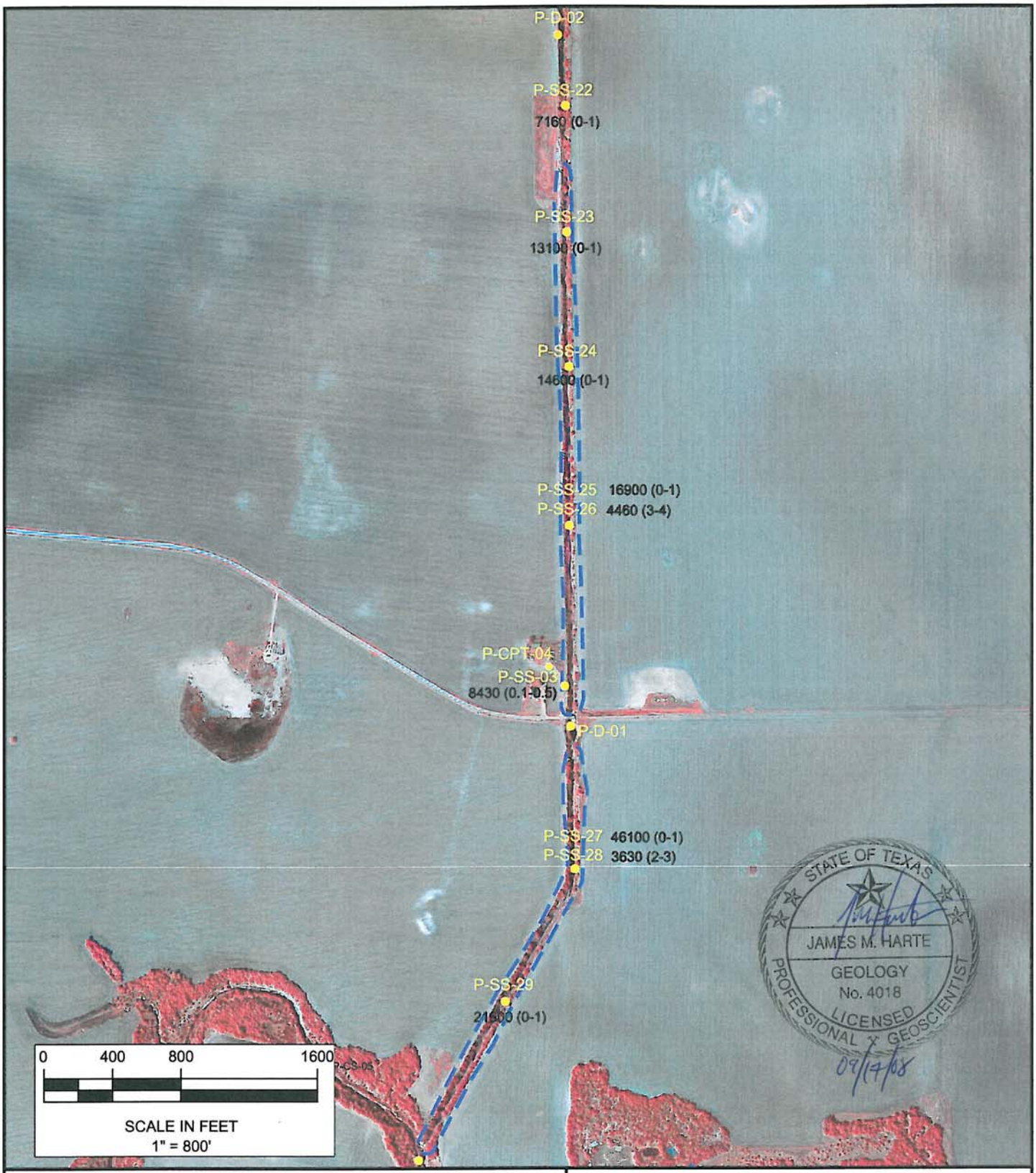
Area ID	Chloride Concentration (mg/kg)		Conductivity Concentration (µmhos/cm)		Area of Elevated Salinity* (ft^2)	Depth of Elevated Salinity* (feet)
	Range	Average	Range	Average		
Area 1	75.6 – 9,460	2,421	461 – 11,800	4,995	39,600	9
Area 2	1,670 – 7,720	5,215	2,910 – 12,000	7,347	30,000	10.5
Area 3	926 – 11,400	4,647	1,600 – 25,400	9,271	111,300	9
Area 4	9.08 – 6,290	1,593	1,690 – 7150	3,679	2,900	7
Area 5	1,390 – 9,440	5,242	3,910 – 17,100	9,428	166,000	10.5
Area 6	3,630 – 46,100	15,108	5,920 – 90,200	28,804	91,200	3
Area 7	5,660 – 84,100	39,320	7,800–166,000	74,048	120,000	3

* - Calculation is based on area that excceds 3,000 mg/kg for chloride and 8,000 µmhos/cm for conductivity. Area calculations are approximate (limited by analytical data coverage) and based on the extent shown on the figures.

Areas 6 and 7 are drainage ditches that intersect Petronila Creek around Segments 6 and 14, respectively. Sediment samples were collected from the bed of the ditch using a hand trowel (0-1 foot bgs) or hand auger (1-4 feet bgs). Analytical results of the sediment data are presented in Table 2 of Appendix A.

Analytical data indicate that all of the chloride and conductivity concentrations exceeded the threshold values presented for Areas 1 to 5; thus, delineation lines based on these threshold levels are not shown on Figures 2-28 to 2-31. Rather, these figures depict the area of relatively highest concentration of chloride and conductivity to show the area considered for remediation; however, these areas are not defined based on formal clean-up levels, which have not been developed at this point of the project. Based on relative soil concentrations, lateral and vertical delineation has been sufficiently achieved for the context of this feasibility study with exception of upstream at Area 7. Upstream delineation at Area 7 is recommended during the design phase. Soil concentrations decrease significantly between samples collected from 0-1 feet bgs and 2-4 feet bgs.

In Area 6, elevated salinity concentrations were observed along at least 5,600 feet of the ditch. The farthest downstream sample in Area 6 (P-SS-29) contained 21,600 mg/kg chloride and 32,800 µmhos/cm conductivity; this sample was collected approximately 900 feet upstream of the confluence with Petronila Creek. The upstream



EXPLANATION:

- EXTENT OF HIGHEST CHLORIDE CONCENTRATIONS
- 3630 (2-3) CHLORIDE CONCENTRATION IN mg/kg (SAMPLE DEPTH IN FEET)
- P-D - SURFACE WATER SAMPLE LOCATION
- P-SS - SEDIMENT SAMPLE LOCATION

SOURCE

USDA-FSA-APFO DIGITIAL ORTHOPHOTO QUARTER QUADS (DOQQ) DRISCOLL EAST NW (2004) AND DRISCOLL EAST SW (2004), TEXAS DOQQ.

N

SITE MAP - AREA 6
CHLORIDE CONCENTRATIONS

RAILROAD COMMISSION OF TEXAS
PETRONILA CREEK

PROJECT NO.	160551	DWG FILE	160551-2-28
DRAWN BY.	CL	DATE	6/13/08

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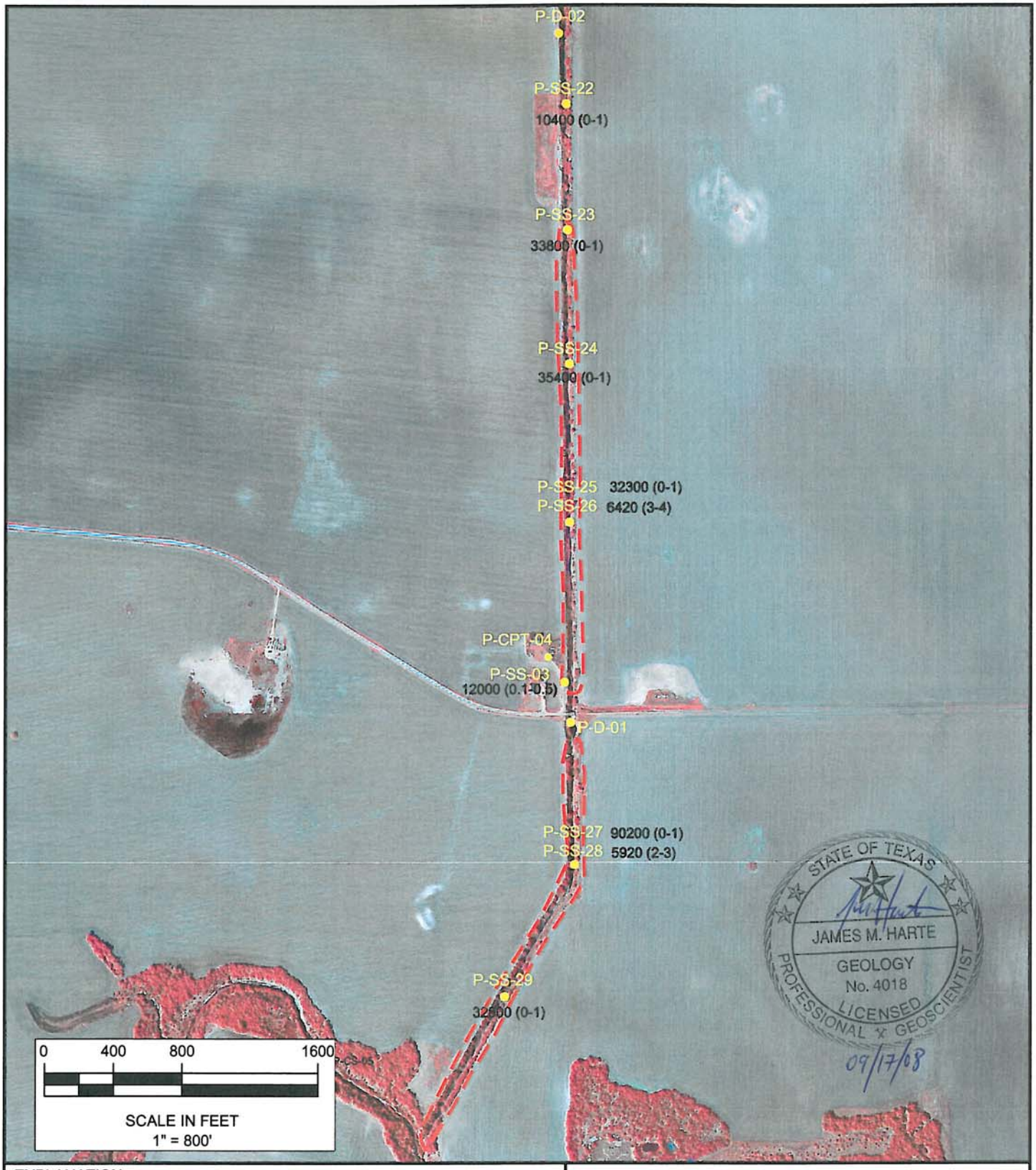
AUSTIN, TEXAS 78752
(512) 329-6080

FIGURE 2-28



EXPLANATION:

- EXTENT OF HIGHEST CONDUCTIVITY CONCENTRATIONS
- 5920 (2-3) CONDUCTIVITY IN umhos/cm (SAMPLE DEPTH IN FEET)
- P-D - SURFACE WATER SAMPLE LOCATION
- P-SS - SEDIMENT SAMPLE LOCATION

SOURCE

USDA-FSA-APFO DIGITIAL ORTHOPHOTO QUARTER QUADS (DOQQ) DRISCOLL EAST NW (2004) AND DRISCOLL EAST SW (2004), TEXAS DOQQ.

N

SITE MAP - AREA 6
CONDUCTIVITY CONCENTRATIONS

RAILROAD COMMISSION OF TEXAS
PETRONILA CREEK

PROJECT NO.	160551	DWG FILE	160551-2-29
DRAWN BY.	CL	DATE	6/13/08

TRC
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SUITE 250
AUSTIN, TEXAS 78752
(512) 329-6080

FIGURE 2-29

STATE OF TEXAS
JAMES M. HARTE
GEOLOGY
No. 4018
LICENSED
PROFESSIONAL GEOSCIENTIST
09/17/08

EXPLANATION:

- EXTENT OF HIGHEST CHLORIDE CONCENTRATIONS
- 5660 (2-3) CHLORIDE CONCENTRATION IN mg/kg (SAMPLE DEPTH IN FEET)
- MONITORING WELL
- SOIL BORING

SOURCE

USDA-FSA-APFO DIGITIAL ORTHOPHOTO QUARTER QUAD (DOQQ) DRISCOLL EAST SW (2004), TEXAS DOQQ.

0 400 800 1600

SCALE IN FEET
1" = 800'

N

SITE MAP - AREA 7
CHLORIDE CONCENTRATIONS

RAILROAD COMMISSION OF TEXAS
PETRONILA CREEK

PROJECT NO.	160551	DWG FILE	160551-2-30
DRAWN BY.	CL	DATE	6/13/08

TRC
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SUITE 250
AUSTIN, TEXAS 78752
(512) 329-6080

FIGURE
2-30

EXPLANATION:

EXTENT OF HIGHEST CONDUCTIVITY CONCENTRATIONS

9030 (2-3) CONDUCTIVITY IN umhos/cm (SAMPLE DEPTH IN FEET)

MONITORING WELL

SOIL BORING

SOURCE

USDA-FSA-APFO DIGITIAL ORTHOPHOTO QUARTER QUAD (DOQQ) DRISCOLL EAST SW (2004), TEXAS DOQQ.

0 400 800 1600

SCALE IN FEET
1" = 800'

N

SITE MAP - AREA 7
CONDUCTIVITY CONCENTRATIONS
RAILROAD COMMISSION OF TEXAS
PETRONILA CREEK

PROJECT NO.	160551	DWG FILE	160551-2-31
DRAWN BY.	CL	DATE	6/13/08

TRC
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AUSTIN, TEXAS 78752
(512) 329-6080

FIGURE
2-31

extent is defined by sample P-SS-22. In Area 7, elevated salinity concentrations were observed along at least 6,700 feet of the ditch. As noted, delineation in the upstream direction is recommended during the BMP design phase since the most upstream sample (P-SS-21) contained 75,800 mg/kg chloride and 148,000 µmhos/cm conductivity. The downstream extent is defined by sample P-SS-14. The concentration range and average concentration for chloride and conductivity, and the estimated area of saline-impacted soil is summarized on Table 2-1.

2.4 BMP Prioritization of Areas

The seven areas have been ranked in a hierarchal system to judge which areas are more likely to impact Petronila Creek with saline loading and thus are more critical for BMP implementation. Factors such as salinity concentration in soil, extent of impact, proximity to Petronila Creek, and proximity to groundwater were used to determine the BMP prioritization. The higher ranked areas are considered to have the greater relative potential for salinity loading to Petronila Creek. The following table approximates the mass of chloride above 3,000 mg/kg that is potentially available for creek loading. These calculations are based on chloride concentration data collected during the Phase III and June 2008 investigations and summarized in Table 2-2.

Table 2-2. Mass of Potential Chlorides Per Area

Area	Chloride Mass (kilograms)
1	19,610
2	37,334
3	105,793
4	735
5	207,654
6	79,706
7	318,451

Note: Mass calculated using average chloride concentration, area of elevated salinity, and depth of elevated salinity presented in Table 2-1. Bulk density of clay assumed to be 50 lb/ft^3 (reference: http://www.asiinstruments.com/technical/Material_Bulk_Density_Chart_C.htm).

Areas 2, 6, and 7 are most likely to contribute salinity to Petronila Creek based on relatively higher average chloride and conductivity concentrations, and shorter migration pathways and transport mechanisms. In each of these areas, both mechanisms of transport may be present (i.e., leaching and runoff) as discussed in Section 2-2. Although

Areas 1, 3, 4, and 5 likely contribute to salinity loading, the magnitude is relatively lower than Areas 2, 6 and 7 based on relatively lower average concentrations and longer transport distance to the creek.

The remedial ranking of the areas is presented in Table 2-3.

Table 2-3. BMP Ranking of Areas 1 through 7

BMP Priority	Description	Rationale
1	Area 2	• Close proximity to Petronila Creek (60 feet). • High average salinity concentrations (Chloride - 5,215 mg/kg, Conductivity – 7,347 µmhos/cm). • Direct salinity loading into Petronila Creek via runoff and based on visual observation.
	Area 6	• Direct salinity loading via runoff into Petronila Creek (drains directly into creek). • High average salinity concentrations (Chloride – 15,108 mg/kg, Conductivity – 28,804 µmhos/cm).
	Area 7	• Direct salinity loading via runoff into Petronila Creek (drains directly into creek). • High average salinity concentrations (Chloride – 39,320 mg/kg, Conductivity – 74,048 µmhos/cm).
2	Area 3	• Distance from Petronila Creek (800 feet) • Average salinity concentration (Chloride – 4,647 mg/kg, Conductivity – 9,271 µmhos/cm). • Transport mechanism of salinity to creek mainly via percolation to GWBU then advection.
3	Area 5	• Distance from Petronila Creek (1,400 feet) • High average salinity concentration (Chloride – 5,242 mg/kg, Conductivity – 9,428 µmhos/cm). • Transport mechanism of salinity to creek mainly via percolation to GWBU then advection.
4	Area 4	• Distance from Petronila Creek (7,500 feet) • Lowest average salinity concentrations (Chloride – 1,593 mg/kg, Conductivity – 3,679 µmhos/cm). • Transport mechanism of salinity to creek mainly via percolation to GWBU then advection.
5	Area 1	• Distance from Petronila Creek (1,900 feet) • Second lowest average salinity concentrations (Chloride – 2,421 mg/kg, Conductivity – 4,995 µmhos/cm) • Transport mechanism of salinity to creek mainly via percolation to GWBU then advection.

3.0 BMP ALTERNATIVES FOR SALINITY ABATEMENT

TRC evaluated available recovery, treatment and disposal methods for implementing BMPs to address saline-impacted soils. The following discussion reviews the technologies available based on the following criteria:

- Effectiveness
- Implementability
- Regulatory agency and stakeholder acceptance
- Cost

TRC reviewed a variety of technologies for potential application to the Petronila Creek project. These technologies included electrokinetics, phytoremediation, and in-situ vitrification, as well as the approaches listed in this section. Electrokinetics, phytoremediation, and in-situ vitrification were removed from further consideration based on technical impracticality, cost, and/or lack of reliable data supporting the technology.

Several options are available for containment and/or remediation of saline-impacted soil. The control and disposal options discussed in the following sections include installation of a clay cap, excavation with off-site disposal, in-situ soil flushing, and immobilization. As discussed in the following sections, the evaluation of remedial alternatives (i.e., BMPs) was separated into two groups: options for shallow soil at Areas 1 through 5, and options for the drainage ditches at Areas 6 and 7.

3.1 Evaluation of Mitigation and Removal Options (Areas 1 through 5)

Areas 1 through 5 represent five areas with saline-impacted shallow soil, based on data from previous investigations and the June 2008 sampling. Response actions at each of the areas range from controls used to mitigate salinity loading to total removal of the source areas. Options such as cap installation, in-situ soil flushing, ex-situ soil flushing, and immobilization provide mitigation and control of chlorides and other constituents. Excavation is a more intrusive method and provides an alternate response by completely removing the source area. Each of these technologies provides varying levels of effectiveness achieving the objective of diminishing salinity loading of Petronila Creek.

3.1.1 Cap Installation

In-situ capping involves the placement of a cover, or cap, over the saline-impacted soil. The purpose of the cap is to prevent infiltration of precipitation through the soil column, thus mitigating chemical constituents from leaching and migrating laterally

and vertically to the GWBU from a source area to the creek. The cap also prohibits lateral transport of chemical constituents by water or wind erosion directly to the creek.

Caps consist of several layers. The top layer of the cap (exposed to the atmosphere) would be topsoil seeded with grass or other native vegetation. The vegetation planted at the surface would reduce infiltration by taking up rainwater and reduce soil erosion. Beneath the upper layer is a second layer usually constructed of compacted clay or a geosynthetic clay layer (GCL). Following this second layer, a third layer is installed consisting of compacted sandy or silty soil for additional infiltration protection. The bottom two layers consist of a strong, synthetic material such as a geomembrane, which is impermeable to rainwater infiltration, that is placed on top of graded and lightly compacted native soil. The combination of these three layers prohibits infiltration of rainwater through high salinity soils. The cap would be designed to grade away from the source area to drain runoff away from the source area. Some initial clearing and grubbing will be required to prepare the site.

A properly built and maintained cap provides a safe method for keeping the chemical constituents in place. A cap will continue to be effective as long as it is not broken or eroded. Monitoring and regular maintenance is required to test the efficacy of the cap. Sampling groundwater in wells downgradient of the cap and surface water in Petronila Creek downstream of the cap is the recommended method to ensure the cap is performing as desired.

The installation of a cap in Areas 1 through 5 is an effective approach to prevent salinity transport via run off or leaching; however, implementation is unattractive due to two main problems. The first problem is that for the cap to be effective, access to the area would have to be restricted. Areas 2 and 3 appear relatively remote from public access, whereas, Areas 1, 4 and 5 are located along roads or near oil field activity. The restriction of access by a third party to Areas 2 and 3 is unlikely because these areas are privately owned. Likewise, restriction of access to Areas 1, 4 and 5 is virtually impossible because they are located along roads or near oil field activity. Cap implementation in Areas 6 and 7 is not possible as these areas are active drainage ditches. The second problem with cap installation is that institutional controls would be required to ensure that the cap continues to function as designed and is not damaged or degraded by subsequent land use. It is unlikely that the RRC could implement institutional controls of these areas because they are privately owned. Regular inspection and maintenance of the cap would also be necessary to ensure long-term integrity of the cap.

Feasibility Criteria	
Effectiveness:	High
Implementability:	Medium
Stakeholder Acceptance:	Low
Cost:	High

3.1.2 Excavation and Off-Site Disposal

Excavation and off-site disposal employs conventional earth-moving equipment to remove and transport saline-impacted soils off-site for proper disposal. Excavated soils would be transported off-site using lined vehicles with adequate protection against spillage or leakage. A waste hauler licensed in the State of Texas would be required to transport excavated soil for off-site disposal. The saline-impacted soil and any decontamination fluids would need to be disposed of at landfill licensed to accept RRC-exempt waste. Any debris would be disposed of at a municipal landfill.

Due to the nature of excavation activities to remove impacted soils, sediment controls would be implemented to prevent transport of sediment from the construction zone, especially for those areas close to the creek. Excavations larger than one-acre would be subject to Texas Pollutant Discharge Elimination System (TPDES) regulations, authorized under TXR150000, and would require the development and implementation of a Storm Water Pollution Prevention Plan (SWPPP). This system would require a standard sediment control system in compliance with TPDES and can involve the decontamination of transport trucks and excavation equipment at controlled areas.

In areas where access or space is limited, sheet piling or shoring may be required during excavation to prevent the sides of the excavation from caving in and to protect the integrity of surface structures.

Verification samples would be collected within the excavated areas to confirm that the required removal has occurred. The excavations would then be backfilled with appropriate materials that will be applied in lifts.

Feasibility Criteria	
Effectiveness:	High
Implementability:	Medium
Agency Acceptance:	High
Cost:	High

3.1.3 In-Situ Soil Flushing

In-situ soil flushing is the extraction of chemical constituents from soil using water or another suitable aqueous solution. Soil flushing is accomplished by passing the extraction fluid through in-situ soils using an injection or infiltration process. Typically, soil flushing is used in conjunction with other treatments that destroy or physically remove the leached chemicals. Application of this technology would include: injection wells; recovery wells; delivery and recovery drain lines; reagent delivery system; management of the produced fluids using an existing commercial injection well; and physical or hydraulic barriers to contain contaminants.

This treatment method has very limited applicability in predominantly low permeability clay soils, such as those present around Petronila Creek. The permeability of the soil needs to be increased using additives or hydro-fracturing to obtain better contact and thus better flushing of the chemical constituents. Confirmatory samples would need to be collected to ensure the effectiveness of this treatment.

Feasibility Criteria	
Effectiveness:	Low
Implementability:	Low
Agency Acceptance:	Low
Cost:	High

3.1.4 Immobilization

Immobilization refers to retarding downward transport (leaching potential) or upward transport (volatilization) of chemical constituents. Volatilization is not a concern for high salinity soils; therefore, the goal of immobilization is to prevent leaching of saline constituents from soil to groundwater, and thus, into Petronila Creek. Immobilization typically works by inducing chemical reactions between the stabilizing agent (Portland cement is suggested for Petronila) and soil media containing the chemicals. This stabilization then reduces the potential for mobility of the chemicals.

Immobilization may be done in-situ or ex-situ. Methods such as auger drilling and mixing equipment would be employed for in-situ applications. Large areas managed by SWPPPs, dust collection systems, bulk storage tanks, and heavy machinery would be required for ex-situ treatment.

This method is not likely to be successful due to the predominant clay soil around Petronila Creek. The low permeability of the clay would prohibit effective in-situ treatment by immobilization agents. For ex-situ applications, the treatment areas would need to be close to the area being addressed to minimize transport costs. All of the properties around Areas 1 through 5 are privately owned and may require monetary compensation and/or access agreements to establish treatment areas. In both cases (in-situ and ex-situ), tremendous amounts of energy would be necessary to ensure that the immobilizing agents are effectively delivered throughout the clay soil. Confirmatory samples will need to be collected to ensure the effectiveness of this treatment.

Feasibility Criteria	
Effectiveness:	Low
Implementability:	Low
Agency Acceptance:	Low
Cost:	High

3.2 Evaluation of Mitigation and Removal Options (Areas 6 and 7)

Areas 6 and 7 are existing drainage ditches and therefore require BMPs specific to the conditions of the ditches. The most feasible option to control leaching of chemicals from the ditch sediments and transport of the high salinity water to Petronila Creek via these ditches would be excavation and off-site disposal.

In a letter dated May 30, 2008, TRC submitted a request of Jurisdictional Determination (JD) to the Galveston District of the US Army Corps of Engineers (USACE) for the North Clara Driscoll drainage ditch (Area 6) and Clara Driscoll drainage ditch (Area 7). A letter dated August 28, 2008 was issued by the Galveston District of the USACE who determined that the ditches were not subject to USACE jurisdiction therefore no permit under 33 Code of Federal Regulations 332 would be required for excavation of these ditches. A copy of the USACE letter is provided in Appendix D.

It is not feasible, either technologically or financially, to implement capping, phytoremediation, in-situ soil flushing, or immobilization in the ditches.

3.3 Technology Selection of BMP

Based on the discussion in Sections 3.1 and 3.2, no "blanket" approach is suitable for Areas 1 through 7 due to at least four factors recognized in this study: (1) technical implementation, (2) effectiveness, (3) cost, and (4) extent of historically impacted area and media.

As discussed in the preceding sections, many of the technologies, aside from excavation, provide only limited effectiveness. TRC has assumed that any technology requiring long-term legal agreements between the RRC and private property owners is not feasible since the RRC does not own any of the land impacted with high salinity. As a result, BMPs, such as surface caps and/or phytoremediation are less feasible because they may require the landowner relinquish or limit control of these areas under institutional controls. Furthermore, two of the technologies, in-situ flushing and immobilization require considerable amounts of energy to implement to ensure that the technology is effective. Due to the nature of the affected soils (i.e., hydraulically low permeability), in-situ methods do not provide an effective solution from a technological standpoint. Ex-situ methods, such as immobilization and soil flushing, require large areas for treatment operations that would be located on private property. These treatment operations would require legal agreements with the landowners, which may not be attainable, and large operation and maintenance (O&M) requirements that make these options cost prohibitive.

The estimated cost to excavate all seven areas is greater than $8,000,000. This cost only considers removal of soil with the relatively highest salinity levels detected at concentrations well above the 3,000 mg/kg threshold. The cost to excavate all soils that exceed the 3,000 mg/kg threshold will increase the excavation cost several fold. The bulk of these costs come from two main factors associated with the large quantities of soil being managed: (1) transportation, especially considering the current high cost of diesel fuel, and (2) disposal, based on a preliminary survey discovering a limited number of disposal facilities with the capability of handling large quantity of soils with high salinity levels.

Rather than trying to identify a single BMP to use at all seven areas, a two-fold response action that considers different technologies at each individual location, and implementation of response actions in the hierarchy presented in Section 2.4 is recommended. In addition, a modified version of the capping technology presented in Section 3.1.1 may provide a suitable solution to mitigate some of the source areas. This alternate capping method would require excavation to four feet bgs and installation of a subsurface clay cap above the native soil from two to four feet bgs. The cap would be

constructed of clay materials compacted to an average hydraulic conductivity of 1×10^{-7} centimeters per second (cm/s). Clean fill (topsoil) would then be placed on top of the cap for seeding or planting, as desired by the property owner. The subsurface cap would be installed such that most surface activities (tilling/cultivating, plant root zones, utilities, etc.) would not affect the cap. However, any substantial vegetation (trees) that develops root systems deeper than four feet, major construction activity (drilling holes, excavating utilities or foundations deeper than four feet), or substantial surface loading (tanks, buildings, etc.) would be restricted over the cap because these actions have the potential to reduce the effectiveness of the cap.

BMPs are proposed for Areas 2, 6 and 7 based on their top priority ranking as documented in Section 2.4. The BMP for Areas 6 and 7 will consist of excavating the sediments with highest relative salinity concentrations. The BMP for Area 2 will consist of installing a subsurface cap since this action removes the high salinity soils and mitigates vertical migration of saline leachate to the GWBU, while returning the land back to the property owner for productive use or natural habitat.

4.0 PROPOSED BMP DESIGN

This section presents the design components and cost estimates for the mixed response action described in Section 3.3. Supporting documentation for the order of magnitude engineer's cost estimates discussed below are presented in Appendix B.

4.1 Basic Design Components and Cost Estimate

Based on the remedial objective, conceptual site model, and evaluation of the technologies for the control of saline soil impacts to Petronila Creek, the following basic design is recommended. Also included are assumed costs for implementation through completion.

4.1.1 Excavation of Areas 6 and 7

The engineer's estimated cost to excavate Areas 6 and 7 includes excavation, transportation, and disposal expenses. The task is expected to take three weeks to complete, not included preparation time.

Areas 6 and 7 Costs

Capital Expenditures:	$2,346,000
Annual O&M:	$0

The cost to transport and dispose of soils excavated from Areas 6 and 7 comprise approximately 40-percent of the cost estimate. The only disposal facilities capable of handling the quantity of soil with elevated salinity levels are located at distances greater than 120 miles from the excavation. The cost for excavation and disposal is approximately $107 per cubic yard of sediment removed. In terms of salinity removal, it equates to a cost of $5.89 per kilogram of chloride removed.

4.1.2 Subsurface Cap for Area 2

The installation of a subsurface cap would be most cost effective and can provide a solution to long-term access restriction of properties owned by private stakeholders. The cap would be installed to the dimensions of the gray box depicted in Figure 2-11 (highest salinity concentrations as discussed in section 2.3) at a depth of two to four feet bgs. The engineer's estimated cost to excavate Area 2 to the dimension of the gray box identified in Figure 2-11 (estimated to be 65 feet by 85 feet) and down to four feet bgs includes excavation, transportation, disposal, and cap installation expenses. The task is expected to take eight days, not including preparation time.

Area 2 Subsurface Cap Costs

Capital Expenditures:	$250,000
Annual O&M:	$0

This response action has the ability to mitigate 37,334 kg of chlorides from being transported to the creek via leaching/infiltration and runoff. The cost for excavation and disposal is approximately $218 per cubic yard of soil removed. In terms of cost of salinity removal, it equates to a cost of $6.70 per kilogram of chloride removed.

5.0 RECOMMENDED BMPs

This preliminary feasibility study was performed to evaluate and recommend BMPs to abate salinity impacts into Petronila Creek. Based on the ranking of areas presented in Section 2.0, screening of response technologies discussed in Section 3.0, and cost evaluations of the selected technologies in Section 4.0, the individual solutions for Areas 2, 6 and 7 are recommended as follows:

- Excavation and installation of subsurface cap in Area 2. This method provides excavation and replacement of the upper, more impacted soil and installation of a subsurface cap to mitigate leaching to the GWBU and surface runoff. This option also restores the upper soil layer for plant use or re-vegetation. Long-term institutional controls are not required for implementation.
- Excavation of sediments from Areas 6 and 7. This permanent response would effectively remove sediments with the highest salinity levels from direct contact with runoff that is transported directly into the creek.

6.0 REFERENCES

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APPENDIX A

TABLES

APPENDIX A, TABLE 1. SURFACE WATER SAMPLING RESULTS

Sample ID	Petronila Creek Segment (km)	Sample Date	Field Results				Laboratory Results														
								Anions				Alkalinity (As CaCO3)				Cations					
			Chloride	Conductivity	pH	TDS	TDS	Bromide	Chloride	Nitrate-N	Sulfate	Bicarbonate	Carbonate	Hydroxide	Total	Barium	Calcium	Iron	Magnesium	Potassium	Sodium
			mg/L	uS/cm	S.U.	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
Samples Along Petronila Creek																					
P-CS-01	-0.421	2/12/07	28.25	24	7.5	150	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
P-CS-02	2.05	2/12/07	29.5	26	7.5	170	309	0.3 U	11.1	- -	6.52	97	10 U	10 U	97	0.14	31.6	0.495	3.38	8.74	10.1
P-CS-02	2.05	10/25/07	- -	2083	7.84	1547	1300	1.85	472	0.1 U	173	210	10 U	10 U	210	0.249	172	0.1	19.3	13.4	174
P-CS-03	3.25	2/12/07	443	1700	7.4	1100	961	0.974 J	405	- -	100	110	10 U	10 U	110	0.135	91.7	0.229	16.8	9.07	197
P-CS-04	4.55	2/12/07	533	2100	7.4	1400	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
P-CS-05	5.6	2/13/07	730	2700	6.4	1700	1360	1.45	611	- -	128	116	10 U	10 U	116	0.161	142	0.233	26.2	10.6	312
P-CS-06	6.3	2/13/07	775	3020	7.5	1900	1490	1.69	695	- -	141	115	10 U	10 U	115	0.156	149	0.217	27.3	10.4	356
P-CS-06	6.3	10/25/07	- -	16590	7.97	15430	12400	10.4	5510	2.15	1090	191	10 U	10 U	191	0.434	857	0.131	181	21.4	2710
P-CS-07	7.7	2/13/07	720	2980	7.6	1900	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
P-CS-08	8.25	2/13/07	730	2950	8.2	1900	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
P-CS-09	9.35	2/13/07	750	3120	8.4	2000	1590	1.74	745	- -	135	115	10 U	10 U	115	0.168	152	0.394	29.2	10.6	347
P-CS-10	10.4	2/13/07	980	3540	8.3	2300	1800	2.04	843	- -	148	117	10 U	10 U	117	0.173	185	0.191	32.8	10.4	423
P-CS-11	11.45	2/15/07	1730	5710	7.5	3600	3090	4.46 J	1520	- -	261	142	10 U	10 U	142	0.193	278	0.299	50.8	11.1	605
P-CS-11	11.45	10/25/07	- -	16400	7.09	15010	11800	17	5590	1.98	937	204	10 U	10 U	204	0.34	970	0.0785 J	190	18.3	2460
P-CS-12	12.55	2/15/07	1800	5770	7.6	3600	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
P-CS-13	13.55	2/15/07	2050	6500	7.6	4100	3790	5.45 J	1860	- -	315	151	10 U	10 U	151	0.2	324	0.0991 J	56.6	11	760
P-CS-14	14.15	2/15/07	2110	6700	7.8	4200	3830	5.41 J	2000	- -	335	153	10 U	10 U	153	0.189	342	0.204	58.2	10.5	838
P-CS-14	14.15	10/25/07	- -	19220	7.66	18300	13300	13.6	6550	1.9	1290	203	10 U	10 U	203	0.275	991	0.0792 J	206	17.6	3200
P-CS-15	15.8	2/13/07	1650	6110	8.0	3900	3160	3.52	1690	- -	255	139	10 U	10 U	139	0.187	296	0.203	57.8	10.8	764
P-CS-16	16.65	2/15/07	2510	8840	8.3	5600	4470	5.08 J	2290	- -	324	155	10 U	10 U	155	0.199	383	0.166	77.4	11.4	942
P-CS-17	17.15	2/15/07	2900	9700	8.4	6000	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
P-CS-19	19.75	2/15/07	3100	11100	8.2	7000	5820	5.79	3010	- -	544	162	10 U	10 U	162	0.196	529	0.287	95.8	12.3	1280
P-CS-19	19.75	10/25/07	- -	20170	7.24	19290	14400	17.3	6960	8.94	1240	178	10 U	10 U	178	0.298	1140	1.6	231	19.8	3200
P-CS-21	21.15	2/13/07	2200	8200	8.5	5200	4340	4.85	2190	- -	366	136	11.2	10 U	147	0.192	399	0.18	79.2	11.2	961
P-CS-25	25.6	2/15/07	3180	11100	8.3	7000	5760	5.6	2970	- -	486	157	10 U	10 U	157	0.206	507	0.181	97.2	11.8	1290
P-CS-25	25.6	10/25/07	- -	18410	7.88	17390	12800	16.4	6360	8.95	1250	162	10 U	10 U	162	0.264	989	0.0829 J	209	17.7	2890
P-CS-29	29.3	2/15/07	2470	8910	8.5	5600	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
P-CS-33	33.25	2/15/07	2050	7460	8.2	4700	3870	4.77 J	1950	- -	305	141	10 U	10 U	141	0.192	335	0.193	63.8	11	870
P-CS-33	33.25	10/25/07	- -	12120	8.1	10670	7900	8.66	3820	0.1 U	822	152	10 U	10 U	152	0.313	572	0.146	126	18.4	1850
P-CS-02-Discharge		2/12/07	260	1400	4.5	900	705	0.3 U	204	- -	89	10 U	10 U	10 U	10 U	0.193	65.2	0.248	11.8	19.7	140
Pond																					
P-P-01	NA	2/15/07	505	2380	8.4	1500	1120	2.02	498	- -	119	139	10 U	10 U	139	0.317	95.4	0.231	18.5	7.55	234
North Clara Driscoll Ditch																					
P-D-01	NA	2/14/07	7600	20700	8.5	13000	12500	16.5	6880		1200	109	10 U	10 U	109	0.206	537	0.123	102	14.7	3460
P-D-01		10/25/07	- -	41960	6.18	46850	31600	37.8	16200	2.35 J	2780	186	10 U	10 U	186	0.308	1500	0.65	296	33.2	8780
P-D-02	NA	2/14/07	267.5	1610	8.4	1000	863	0.897 J	245		182	174	10 U	10 U	174	0.137	74.5	0.216	7.6	6.56	184
P-D-02		10/25/07	- -	6951	7.12	5800	4260	3.22	1200	0.1 U	1370	223	10 U	10 U	223	0.316	318	0.102	36.1	12.3	980
P-D-03	NA	2/14/07	48.8	49.5	8.8	320	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
P-D-04	NA	2/14/07	84	82.1	8.2	520	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
Clara Driscoll Ditch (CR 18)																					
P-D-05	NA	2/15/07	30	42.7	7.9	280	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
P-D-06	NA	2/15/07	1850	7140	7.6	4500	3550	3.56	1590		546	84.5	10 U	10 U	84.5	0.439	275	0.05 U	28.2	9.58	860
P-D-06		10/25/07		8788	8.3	7400	5200	6.63	2430	0.1 U	751	83.3	10 U	10 U	83.3	0.496	500	1.43	52.3	20	1390
P-D-07	NA	2/15/07	14500	40700	8.6	25000	24600	49.3 J	14000		1890	49.2	12.2	10 U	61.3	0.342	1630	0.0534 J	200	24.7	6240
P-D-07		10/25/07		59200	7.03	68690	47400	56.4	24200	0.5 U	2730	118	10 U	10 U	118	0.25	2460	3.09	554	44.6	12000
P-D-08	NA	2/15/07	15300	44300	7.9	27000	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
P-D-09	NA	2/15/07	8825	24600	8.1	15000	16800	33.4 J	8500		2530	158	10 U	10 U	158	0.167	902	0.19	191	14.9	4370
P-D-09		10/25/07	- -	29640	7.21	30010	21600	23.2	9910	7.14	2790	274	10 U	10 U	274	0.0826	1190	0.0524 J	290	19.8	5600
P-D-09-D	NA	10/25/07	- -	- -	- -	- -	21200	30.9	9810	7.03	2770	275	10 U	10 U	275	0.0873	1170	0.05 U	296	20.1	5830

APPENDIX A, TABLE 1. SURFACE WATER SAMPLING RESULTS

Sample ID	Petronila Creek Segment (km)	Sample Date	Field Results				Laboratory Results														
								Anions				Alkalinity (As CaCO3)				Cations					
			Chloride	Conductivity	pH	TDS	TDS	Bromide	Chloride	Nitrate-N	Sulfate	Bicarbonate	Carbonate	Hydroxide	Total	Barium	Calcium	Iron	Magnesium	Potassium	Sodium
			mg/L	uS/cm	S.U.	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
Driscoll #2 Site																					
P-D2-MW-12	NA	2/14/07	4000	15600	6.7	10000	11000	12.1	3930	--	3260	486	10 U	10 U	486	--	--	--	--	--	--
P-D2-MW-13	NA	2/15/07	5950	21900	6.6	14000	13600	30 U	5480	--	2900	515	10 U	10 U	515	--	--	--	--	--	--
Driscoll #3 Site																					
P-D3-MW-08	NA	2/14/07	13250	37800	6.5	23000	24500	164	12800	--	2950	310	10 U	10 U	310	--	--	--	--	--	--
P-D3-MW-17	NA	2/14/07	>40000	92200	6.3	55000	68800	130	42100	--	2140	305	10 U	10 U	305	--	--	--	--	--	--
P-D3-MW-17-D	NA	2/14/07	>40000	92200	6.3	55000	70400	127	41400	--	2130	305	10 U	10 U	305	--	--	--	--	--	--
King Ranch to Viola Pipeline Site																					
P-KRVP-MW-06	NA	2/14/07	--	3149	7.0	--	453	0.452 J	33.4	--	36.2	325	10 U	10 U	325	--	--	--	--	--	--
P-KRVP-MW-09	NA	2/14/07	--	735	7.3	--	2460	1.06	544	--	785	347	10 U	10 U	347	--	--	--	--	--	--
Clara Driscoll Storage Tanks																					
P-O-01	NA	2/15/07	--	>99,999	6.8	>99,999	76600	215	50200		1 U	339	10 U	10 U	339	--	--	--	--	--	--
P-O-01-D	NA	2/15/07	--	>99,999	6.8	>99,999	77200	233	50700		11 J	336	10 U	10 U	336	--	--	--	--	--	--
P-O-02	NA	2/15/07	--	>99,999	6.5	>99,999	109000	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

J	Analyte detected between sample quantification limit and reporting limit
U	Analyte not detected at the sample quantification limit
km	Kilometer
mg/L	Milligrams per liter
S.U.	pH standard units
TDS	Total dissolved solids
uS/cm	Microsiemens per centimeter
NA	No segment ID designated
--	No data available

APPENDIX A, TABLE 2. SOIL SAMPLING RESULTS

Sample ID	Sample Date	Sample Description/Note	Sample Depth feet	Laboratory Results											
						Anions				Cations					
				Conductivity	pH	Bromide	Chloride	Nitrate-N	Sulfate	Barium	Calcium	Iron	Magnesium	Potassium	Sodium
				umhos/cm	S.U.	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
P-SS-01	3/29/07	Ditch Near P-CPT-17	0.2-0.7	22700	- -	140	19500	- -	788	215	48400	17600	8810	7380	11300
P-SS-02	3/29/07	Ditch Near P-CPT-19	0.1-0.5	1470	- -	6.83 U	1020	- -	529	302	40400	17800	7770	7140	1020
P-SS-03	3/29/07	Ditch Near P-CPT-04	0.1-0.5	12000	- -	94.8	8430	- -	2670	263	40400	16000	7720	6300	7110
P-SS-04	3/29/07	Next to P-CPT-03	2-4	10200	- -	22.9	9440	- -	654	235	20100	18600	7560	6320	8760
P-SS-05	3/29/07	Next to P-CPT-02	4-6	4080	- -	6.03 U	2180	- -	842	230	48100	15200	6400	5120	2520
P-SS-05	3/29/07	Duplicate	4-6	3980	- -	6.07 U	2100	- -	1070	271	48800	14800	6050	4990	2590
P-SS-06	3/29/07	Next to P-CPT-17	5-7	2940	- -	10.4	1640	- -	1340	237	72200	17700	8710	7480	3600
P-SS-07	3/29/07	Next to P-CPT-08	4-6	2610	- -	6.5 U	33	- -	5750	262	27100	24200	9990	7860	2330
P-SS-08	3/29/07	Next to P-CPT-20	4-6	5900	- -	6.87 U	1050	- -	13500	297	34600	25500	10600	8750	4070
P-SS-09	3/29/07	Next to P-CPT-11	4-6	3200	- -	6.81	2280	- -	560	259	40200	19100	9050	6730	2920
P-SS-10	3/29/07	Next to P-CPT-27	3-5	5270	- -	6.3 U	1770	- -	1510	306	53600	17300	8120	6190	3440
P-SS-11	3/29/07	Ditch Near P-CPT-23	0.2-0.7	4730	- -	6.36 U	2520	- -	806	288	28200	18100	7480	6350	3550
P-SS-12	3/30/07	Next to P-CPT-33	2-4	7150	- -	44.8	6290	- -	14 U	3690	26100	26900	9960	9360	8060
P-SS-13	3/30/07	Next to P-CPT-29	3-5	717	- -	6.59 U	107	- -	464	371	58700	23000	11100	9350	2420
P-SB-01	3/30/07	Correlation Boring (CPT-10)	3-6	9700	- -	40.3	7720	- -	12 U	251	12600	20700	6800	6290	10600
P-SB-01	3/30/07	Correlation Boring (CPT-10)	7-10	8980	- -	40.9	7520	- -	29.8	260	17900	14800	5450	4880	7790
P-SB-01	6/28/07	P-MW-01	3-5	16900	7.74	16.8	6250	6.01	9240	192	32700	15500	6060	5530	6980
P-SB-01	6/28/07	P-MW-01	10-12	17100	7.70	19.3	7030	6.03	3520	118	21400	15500	5560	5440	7640
P-SB-02	6/28/07	P-MW-02	5-7	8020	7.73	17.6	6430	6.35	358	468	28400	17100	7050	6100	7620
P-SB-02	6/28/07	P-MW-02	8-10	14800	7.72	17	6240	6.14	8890	164	45600	14700	5600	5190	6990
P-SB-03	6/28/07	P-MW-03	6-8	6430	7.52	11.3	4870	6.31	1120	203	51400	20500	8680	7410	3860
P-SB-03	6/28/07	P-MW-03	10-12	6880	7.43	10.9	4810	6.45	390	96.2	21200	23400	9260	8410	4230
P-SB-04	6/28/07	P-MW-04	9-11	7660	8.15	17.9	5800	6.04	58	297	3390	10200	3370	3820	5450
P-SB-04	6/28/07	P-MW-04	14-16	5190	7.89	8.97	3090	5.68	303	88.8	116000	11000	3960	3360	2560
P-SB-07	6/30/07	P-MW-07	6-8	499	8.30	5.88	5.88	5.88	410	137	12700	11300	3850	2890	446
P-SB-07	6/30/07	P-MW-07	8-10	615	8.53	5.84	5.84	5.84	395	60.7	22300	12900	4300	3380	792
P-SB-10	7/1/07	P-MW-10	5-7	545	8.21	6.22	41.2	6.22	456	287	60500	18800	8000	6800	1010
P-SB-10	7/1/07	P-MW-10	8-10	2140	7.61	6.13	165	8.44	4340	114	38800	18400	7440	6730	728
P-SB-11	7/2/07	P-MW-11	8-9	3280	7.53	5.83	1620	5.83	246	58.4	3920	12700	4460	3740	1710
P-SB-11	7/2/07	P-MW-11	11-12	3020	7.59	5.53	1470	5.53	199	37.3	2980	10600	3640	3100	1250
P-SB-12	7/5/07	P-MW-12	7-8	3470	8.04	6.68	2260	6.68	185	713	50600	23100	9550	8700	2650
P-SB-12	7/5/07	P-MW-12	9-10	3470	8.63	13.7	714	13.7	408	53.9	22600	21000	7380	6610	2790
P-SB-13	7/12/07	P-MW-13	7-8	3980	7.61	11.9	1360	5.85	2390	78.1	48200	12200	8880	6920	3590
P-SB-13	7/12/07	P-MW-13	10-12	3290	7.53	16.9	1570	5.96	346	282	8200	9840	6980	5950	2970
P-SB-16	7/12/07	P-MW-16	10-11	3870	7.32	5.94	2100	5.94	244	311	36200	16000	10600	9290	3660
P-SB-16	7/12/07	P-MW-16	12-13	4520	7.31	6.14	2510	6.14	330	272	50900	15800	6040	9590	3690
P-SB-16-D	7/12/07	P-MW-16 Duplicate	12-13	4140	7.38	6.07	2520	6.07	428	1470	123000	14800	6400	9200	3760
P-SB-17	7/13/07	P-MW-17	8-10	2990	7.59	9.86	1120	6.58	2300	532	36900	23300	8980	9240	3990
P-SB-17	7/13/07	P-MW-17	11-12	1310	8.14	12.4	258	12.4	541	44.2	4090	13600	8220	7930	2550
P-SB-20	7/14/07	P-MW-20	7-8	9010	8.00	10.3	4720	6.19	3330	179	20700	18100	6420	5820	7400
P-SB-20-D	7/14/07	P-MW-20 Duplicate	7-8	9560	7.81	11.3	5190	6.31	3910	216	22200	18000	6320	5640	7290
P-SB-20	7/14/07	P-MW-20	10-12	5010	8.16	6.11	2590	6.11	1320	138	31400	18700	6660	5990	6060
P-SB-22	7/14/07	P-MW-22	10-12	755	8.74	12.5	39.9	12.5	370	187	34200	22600	9080	7250	2060
P-SB-22	7/14/07	P-MW-22	9-10	836	8.75	11.8	22.7	11.8	449	140	34000	14300	4750	4520	996

APPENDIX A, TABLE 2. SOIL SAMPLING RESULTS

Sample ID	Sample Date	Sample Description/Note	Sample Depth feet	Laboratory Results											
						Anions				Cations					
				Conductivity	pH	Bromide	Chloride	Nitrate-N	Sulfate	Barium	Calcium	Iron	Magnesium	Potassium	Sodium
				umhos/cm	S.U.	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
P-SB-23	6/16/08	Area 2	5-7	4390	--	--	3780	--	--	--	--	--	--	--	--
P-SB-24	6/16/08	Area 2	5-7	8810	--	--	7590	--	--	--	--	--	--	--	--
P-SB-25	6/16/08	Area 2	5-7	7730	--	--	4750	--	--	--	--	--	--	--	--
P-SB-26	6/16/08	Area 2	5-7	5010	--	--	1670	--	--	--	--	--	--	--	--
P-SB-27	6/16/08	Area 2	5-7	2910	--	--	1720	--	--	--	--	--	--	--	--
P-SB-28	6/16/08	Area 2	5-7	8440	--	--	6320	--	--	--	--	--	--	--	--
P-SB-29	6/16/08	Area 2	5-7	12000	--	--	7410	--	--	--	--	--	--	--	--
P-SB-30	6/16/08	Area 4	5-7	3190	--	--	2610	--	--	--	--	--	--	--	--
P-SB-31	6/16/08	Area 4	5-7	3790	--	--	1930	--	--	--	--	--	--	--	--
P-SB-32	6/16/08	Area 4	5-7	2720	--	--	9.08	--	--	--	--	--	--	--	--
P-SB-33	6/16/08	Area 4	5-7	2650	--	--	148	--	--	--	--	--	--	--	--
P-SB-33	6/16/08	Area 4	9-10	3750	--	--	70.4	--	--	--	--	--	--	--	--
P-SB-34	6/16/08	Area 4	5-7	4490	--	--	996	--	--	--	--	--	--	--	--
P-SB-34	6/16/08	Area 4	11-12	1690	--	--	690	--	--	--	--	--	--	--	--
P-SB-35	6/16/08	Area 5	5-7	10000	--	--	6090	--	--	--	--	--	--	--	--
P-SB-36	6/16/08	Area 5	5-7	12300	--	--	5940	--	--	--	--	--	--	--	--
P-SB-36	6/16/08	Area 5	9-10	12300	--	--	5780	--	--	--	--	--	--	--	--
P-SB-37	6/16/08	Area 5	5-7	11900	--	--	6730	--	--	--	--	--	--	--	--
P-SB-37	6/16/08	Area 5	9-10	9440	--	--	7730	--	--	--	--	--	--	--	--
P-SB-38	6/16/08	Area 5	5-7	5150	--	--	4520	--	--	--	--	--	--	--	--
P-SB-39	6/17/08	Area 5	5-7	3910	--	--	1390	--	--	--	--	--	--	--	--
P-SB-40	6/17/08	Area 5	5-7	4870	--	--	2890	--	--	--	--	--	--	--	--
P-SB-40-D	6/17/08	Area 5	5-7	5660	--	--	2860	--	--	--	--	--	--	--	--
P-SB-40	6/17/08	Area 5	9-10	3930	--	--	2010	--	--	--	--	--	--	--	--
P-SB-41	6/17/08	Area 5	5-7	8840	--	--	4790	--	--	--	--	--	--	--	--
P-SB-42	6/17/08	Area 5	5-7	4960	--	--	2990	--	--	--	--	--	--	--	--
P-SB-43	6/17/08	Area 3	5-7	10800	--	--	5910	--	--	--	--	--	--	--	--
P-SB-44	6/17/08	Area 3	5-7	25400	--	--	8550	--	--	--	--	--	--	--	--
P-SB-44	6/17/08	Area 3	9-10	19600	--	--	11400	--	--	--	--	--	--	--	--
P-SB-45	6/17/08	Area 3	1-2	1600	--	--	926	--	--	--	--	--	--	--	--
P-SB-45	6/17/08	Area 3	5-7	8380	--	--	2360	--	--	--	--	--	--	--	--
P-SB-45	6/17/08	Area 3	9-10	7780	--	--	4790	--	--	--	--	--	--	--	--
P-SB-46	6/17/08	Area 3	5-7	7350	--	--	2560	--	--	--	--	--	--	--	--
P-SB-47	6/17/08	Area 3	5-7	7700	--	--	4910	--	--	--	--	--	--	--	--
P-SB-47	6/17/08	Area 3	9-10	7240	--	--	2730	--	--	--	--	--	--	--	--
P-SB-48	6/17/08	Area 3	5-7	10500	--	--	5620	--	--	--	--	--	--	--	--
P-SB-49	6/17/08	Area 3	5-7	5000	--	--	2590	--	--	--	--	--	--	--	--
P-SB-50	6/17/08	Area 3	5-7	6710	--	--	4300	--	--	--	--	--	--	--	--
P-SB-51	6/17/08	Area 3	5-7	7700	--	--	3380	--	--	--	--	--	--	--	--
P-SB-52	6/18/08	Area 1	5-7	4530	--	--	1490	--	--	--	--	--	--	--	--
P-SB-53	6/18/08	Area 1	5-7	3710	--	--	1170	--	--	--	--	--	--	--	--
P-SB-54	6/18/08	Area 1	1-2	4350	--	--	2480	--	--	--	--	--	--	--	--
P-SB-54	6/18/08	Area 1	9-10	3900	--	--	3050	--	--	--	--	--	--	--	--
P-SB-55	6/18/08	Area 1	5-7	5830	--	--	3620	--	--	--	--	--	--	--	--
P-SB-56	6/18/08	Area 1	5-7	3410	--	--	1890	--	--	--	--	--	--	--	--
P-SB-57	6/18/08	Area 1	5-7	7020	--	--	2320	--	--	--	--	--	--	--	--
P-SB-58	6/18/08	Area 1	5-7	8200	--	--	3130	--	--	--	--	--	--	--	--
P-SB-58	6/18/08	Area 1	9-10	6540	--	--	3210	--	--	--	--	--	--	--	--
P-SB-59	6/18/08	Area 1	5-7	4680	--	--	2420	--	--	--	--	--	--	--	--
P-SB-60	6/18/08	Area 1	5-7	4800	--	--	449	--	--	--	--	--	--	--	--
P-SB-61	6/18/08	Area 1	1-2	461	--	--	75.6	--	--	--	--	--	--	--	--
P-SB-61	6/18/08	Area 1	5-7	5500	--	--	1550	--	--	--	--	--	--	--	--
P-SB-61	6/18/08	Area 1	9-10	1990	--	--	146	--	--	--	--	--	--	--	--

APPENDIX A, TABLE 2. SOIL SAMPLING RESULTS

Sample ID	Sample Date	Sample Description/Note	Sample Depth feet	Laboratory Results											
						Anions				Cations					
				Conductivity	pH	Bromide	Chloride	Nitrate-N	Sulfate	Barium	Calcium	Iron	Magnesium	Potassium	Sodium
				umhos/cm	S.U.	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
P-SS-14	6/18/08	Area 7	0-1	24200	- -	- -	13400	- -	- -	- -	- -	- -	- -	- -	- -
P-SS-15	6/18/08	Area 7	0-1	103000	- -	- -	61000	- -	- -	- -	- -	- -	- -	- -	- -
P-SS-16	6/18/08	Area 7	0-1	91500	- -	- -	47100	- -	- -	- -	- -	- -	- -	- -	- -
P-SS-17	6/18/08	Area 7	2-3	9030	- -	- -	5660	- -	- -	- -	- -	- -	- -	- -	- -
P-SS-18	6/18/08	Area 7	0-1	166000	- -	- -	84100	- -	- -	- -	- -	- -	- -	- -	- -
P-SS-19	6/18/08	Area 7	1-3	7800	- -	- -	5920	- -	- -	- -	- -	- -	- -	- -	- -
P-SS-20	6/18/08	Area 7	0-1	96200	- -	- -	41400	- -	- -	- -	- -	- -	- -	- -	- -
P-SS-21	6/18/08	Area 7	0-1	146000	- -	- -	75800	- -	- -	- -	- -	- -	- -	- -	- -
P-SS-22	6/18/08	Area 6	0-1	10400	- -	- -	7160	- -	- -	- -	- -	- -	- -	- -	- -
P-SS-23	6/18/08	Area 6	0-1	33800	- -	- -	13100	- -	- -	- -	- -	- -	- -	- -	- -
P-SS-24	6/18/08	Area 6	0-1	35400	- -	- -	14600	- -	- -	- -	- -	- -	- -	- -	- -
P-SS-25	6/18/08	Area 6	0-1	32300	- -	- -	16900	- -	- -	- -	- -	- -	- -	- -	- -
P-SS-26	6/18/08	Area 6	3-4	6420	- -	- -	4460	- -	- -	- -	- -	- -	- -	- -	- -
P-SS-27	6/18/08	Area 6	0-1	90200	- -	- -	46100	- -	- -	- -	- -	- -	- -	- -	- -
P-SS-28	6/18/08	Area 6	2-3	5920	- -	- -	3630	- -	- -	- -	- -	- -	- -	- -	- -
P-SS-29	6/18/08	Area 6	0-1	32800	- -	- -	21600	- -	- -	- -	- -	- -	- -	- -	- -
P-SS-30	6/18/08	Area 1	1-2	11800	- -	- -	9460	- -	- -	- -	- -	- -	- -	- -	- -
P-SS-30-D	6/18/08	Area 1	1-2	11800	- -	- -	9460	- -	- -	- -	- -	- -	- -	- -	- -

Notes:

J	Analyte detected between sample quantification limit and reporting limit
U	Analyte not detected at the sample quantification limit
mg/kg	Milligrams per kilogram
S.U.	pH standard units
umhos/cm	Micromhos per centimeter
- -	No data available

APPENDIX B

JUNE 2008 SOIL SAMPLING ANALYTICAL DATA

June 25, 2008

Matt Webre
TRC Environmental Corp.
505 East Huntland Drive Suite 250
Austin, Texas 78752

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

Order No: 0806118

RE: Petronila

Dear Matt Webre:

DHL Analytical received 26 sample(s) on 6/18/2008 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: T104704211-06-TX

Table of Contents

DHL ANALYTICAL

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

№ 36795

CHAIN-OF-CUSTODY

CLIENT: ~~RRCE~~ TRC
ADDRESS: 505 E. Huntland Dr. Ste. 250, Austin, TX
PHONE: 512-329-6080 FAX 512-329-8750
DATA REPORTED TO: Matt Webre
ADDITIONAL REPORT COPIES TO: —

DATE: 6/17/08 PAGE 1 OF 2
PO #: 160557 DHL WORK ORDER #: 0906118
PROJECT LOCATION OR NAME: Petronila
CLIENT PROJECT #: COLLECTOR: TRC

Authorize 5% surcharge for TRRP report? ☐ Yes ☐ No — Contact Matt Webre

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE 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 ☐ / Cl (300) / TX1005 10-2.? / Moisture (D2216)

Field Sample I.D.	DHL Lab #	Date	Time	Matrix	Container Type	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESERVED	Cl (300)	TX1005	Moisture (D2216)	FIELD NOTES
P-SB-23-5-7	01	6/16/08	10:55	S	4 oz.	1				X	X	X	X	X	
P-SB-24-5-7	02		12:15			1									
P-SB-25-5-7	03		13:45			1									
P-SB-26-5-7	04		14:00			1									
P-SB-27-5-7	05		14:25			1									
P-SB-28-5-7	06		14:50			1									
P-SB-29-5-7	07		15:00			1									
P-SB-30-5-7	08		15:20			1									
P-SB-31-5-7	09		16:25			1									
P-SB-32-5-7	10		16:45			1									
P-SB-33-5-7	11		17:22			1									
P-SB-~~33~~-9-10	12		17:30			1									
P-SB-34-5-7	13		18:00			1									
P-SB-34-11-12	14		18:10			1									
P-SB-35-5-7	15		18:45			1									
TOTAL															

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
[signature]	6/17/08 / 18:00	Fed Ex
Fed Ex	6/18/08 8:30	[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: 4.9° THERM #: 57
CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED
☐ CARRIER BILL # ____
☐ APC DELIVERY
☐ HAND DELIVERED

DHL ANALYTICAL

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

№ 36802

CHAIN-OF-CUSTODY

CLIENT: TRC
ADDRESS: 505 E. Huntland Dr. Ste 250 Austin TX
PHONE: FAX
DATA REPORTED TO: Matt Welsh
ADDITIONAL REPORT COPIES TO:

DATE: 6/17/08 PAGE 2 OF 2
PO #: DHL WORK ORDER #: 080118
PROJECT LOCATION OR NAME:
CLIENT PROJECT #: COLLECTOR:

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

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

Contact Matt Welsh

Field Sample I.D.	DHL Lab #	Date	Time	Matrix	Container Type	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESERVED	ANALYSES: BTEX ☐ MTBE ☐	TRPH 418.1 ☐	GASOLINE MOD 8015 ☐	DIESEL - MOD 8015 ☐	VOC 8260 ☐	SVOC 8270 ☐	8081 PESTICIDES ☐	8082 PCBS ☐	TCLP - METALS (RCRA) ☐	TCLP - PEST ☐ HERB ☐	TOTAL METALS (RCRA) ☐	LEAD - TOTAL ☐	RCI ☐	TDS ☐	pH ☐	CHLORIDE ☐	FIELD NOTES
P-SB-36-5-7	16	6/16/08	19:00	S	4oz	1				X	X															X	
P-SB-36-9-10	17	"	19:10			1																				X	
P-SB-37-5-7	18		19:50			1																				X	
P-SB-37-9-10	19		19:55			1																				X	
P-EB-S-06-16-08-01	20		19:45	W	250mL	1				X	X																
P-SB-38-5-7	21		20:05	S		1																				X	
P-SB-39-5-7	22	6/17/08	09:50	S		3																				X	MS/MSD
P-40-5 (DUP)																											
P-SB-40-5-7	23	6/17/08	10:05	S		1																				X	
P-SB-40-5-7D	24	"	—			1																				X	
P-SB-40-9-10	25	6/17/08	10:10			1																				X	
P-SB-41-5-7	26	6/17/08	10:17			1																				X	

TOTAL

RELINQUISHED BY: (Signature)	DATE/TIME 6/17/08 16:00	RECEIVED BY: (Signature)	Fed up
RELINQUISHED BY: (Signature) Fed up	DATE/TIME 6/18/08 8:30	RECEIVED BY: (Signature)	
RELINQUISHED BY: (Signature)	DATE/TIME	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: 4.9° THERM #: 52
CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED
☐ CARRIER BILL # ____
☐ APC DELIVERY
☐ HAND DELIVERED

FedEx Express **US Airbill**

FedEx Tracking Number 8656 3533 8024

Form No. 0200 — Recipient's Copy

1 From

Date 6/16/08

Sender's Name [redacted] Phone [redacted]

Company TKC

Address [redacted]

Dept./Floor/Suite/Room

City [redacted] State TX ZIP [redacted]

2 Your Internal Billing Reference [redacted]

3 To

Recipient's Name [redacted] Phone [redacted]

Company [redacted]

Recipient's Address [redacted]

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

Address

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

City [redacted] State TX ZIP [redacted]

8656 3533 8024

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

- [X] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] 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.*

- [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation: ** To most locations.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [X] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

- [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.
- [ ] 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
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] 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.

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

Obtain Recip. Acct. No. [ ]

Total Packages	Total Weight	Total Declared Value†	Credit Card Auth.
	44	$ .00	

†Our liability is limited to $100 unless you declare a higher value. See back for details.

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

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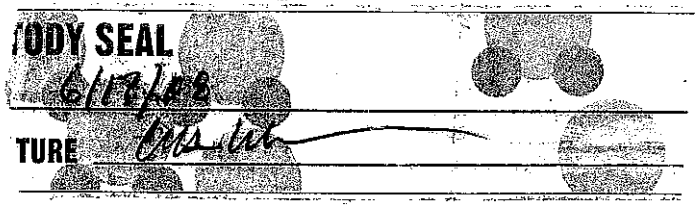
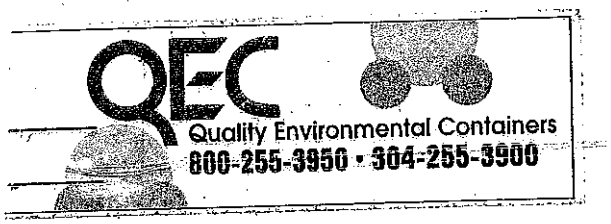




DHL Analytical

Sample Receipt Checklist

Client Name **TRC Environmental Corp.** Date Received: **6/18/2008**

Work Order Number **0806118** Received by **JB**

Checklist completed by: _____ 6/18/08 Reviewed by: DL 6/18/08
Signature / Date / Initials / 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? _____ 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: Petronila
Lab Order: 0806118

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Method SW9056 - Anions Analyis
Method Agron 10-2.3 - Electrical Conductance in Soil Analysis
Method D2216 - Percent Moisture

LOG IN

Samples were received and log-in performed on 6/18/08. A total of 26 samples were received. The samples arrived in good condition and were properly packaged.

CLIENT: TRC Environmental Corp.
Project: Petronila
Lab Order: 0806118

Work Order Sample Summary

Lab Smp ID	Client Sample ID	Tag Number	Date Collected	Date Recv'd
0806118-01	P-SB-23-5-7		06/16/08 10:55 AM	06/18/08
0806118-02	P-SB-24-5-7		06/16/08 12:15 PM	06/18/08
0806118-03	P-SB-25-5-7		06/16/08 01:45 PM	06/18/08
0806118-04	P-SB-26-5-7		06/16/08 02:00 PM	06/18/08
0806118-05	P-SB-27-5-7		06/16/08 02:25 PM	06/18/08
0806118-06	P-SB-28-5-7		06/16/08 02:50 PM	06/18/08
0806118-07	P-SB-29-5-7		06/16/08 03:00 PM	06/18/08
0806118-08	P-SB-30-5-7		06/16/08 03:20 PM	06/18/08
0806118-09	P-SB-31-5-7		06/16/08 04:25 PM	06/18/08
0806118-10	P-SB-32-5-7		06/16/08 04:45 PM	06/18/08
0806118-11	P-SB-33-5-7		06/16/08 05:20 PM	06/18/08
0806118-12	P-SB-33-9-10		06/16/08 05:30 PM	06/18/08
0806118-13	P-SB-34-5-7		06/16/08 06:00 PM	06/18/08
0806118-14	P-SB-34-11-12		06/16/08 06:10 PM	06/18/08
0806118-15	P-SB-35-5-7		06/16/08 06:45 PM	06/18/08
0806118-16	P-SB-36-5-7		06/16/08 07:00 PM	06/18/08
0806118-17	P-SB-36-9-10		06/16/08 07:10 PM	06/18/08
0806118-18	P-SB-37-5-7		06/16/08 07:50 PM	06/18/08
0806118-19	P-SB-37-9-10		06/16/08 07:55 PM	06/18/08
0806118-20	P-EB-S-06-16-08-01		06/16/08 07:45 PM	06/18/08
0806118-21	P-SB-38-5-7		06/16/08 08:05 PM	06/18/08
0806118-22	P-SB-39-5-7		06/17/08 09:50 AM	06/18/08
0806118-23	P-SB-40-5-7		06/17/08 10:05 AM	06/18/08
0806118-24	P-SB-40-5-7-D		06/17/08	06/18/08
0806118-25	P-SB-40-9-10		06/17/08 10:10 AM	06/18/08
0806118-26	P-SB-41-5-7		06/17/08 10:17 AM	06/18/08

CLIENT: TRC Environmental Corp.
Project: Petronila
Lab Order: 0806118

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
0806118-01A	P-SB-23-5-7	06/16/08 10:55 AM	Soil	SW9056	Anion Prep	06/18/08 11:47 AM	30653
	P-SB-23-5-7	06/16/08 10:55 AM	Soil	D2216	Percent Moisture	06/18/08 12:01 PM	PMOIST_080618B
	P-SB-23-5-7	06/16/08 10:55 AM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08A
0806118-02A	P-SB-24-5-7	06/16/08 12:15 PM	Soil	SW9056	Anion Prep	06/18/08 11:47 AM	30653
	P-SB-24-5-7	06/16/08 12:15 PM	Soil	D2216	Percent Moisture	06/18/08 12:01 PM	PMOIST_080618B
	P-SB-24-5-7	06/16/08 12:15 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08A
0806118-03A	P-SB-25-5-7	06/16/08 01:45 PM	Soil	SW9056	Anion Prep	06/18/08 11:47 AM	30653
	P-SB-25-5-7	06/16/08 01:45 PM	Soil	D2216	Percent Moisture	06/18/08 12:01 PM	PMOIST_080618B
	P-SB-25-5-7	06/16/08 01:45 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08A
0806118-04A	P-SB-26-5-7	06/16/08 02:00 PM	Soil	SW9056	Anion Prep	06/18/08 11:47 AM	30653
	P-SB-26-5-7	06/16/08 02:00 PM	Soil	D2216	Percent Moisture	06/18/08 12:01 PM	PMOIST_080618B
	P-SB-26-5-7	06/16/08 02:00 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08A
0806118-05A	P-SB-27-5-7	06/16/08 02:25 PM	Soil	SW9056	Anion Prep	06/18/08 11:47 AM	30653
	P-SB-27-5-7	06/16/08 02:25 PM	Soil	D2216	Percent Moisture	06/18/08 12:01 PM	PMOIST_080618B
	P-SB-27-5-7	06/16/08 02:25 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08A
0806118-06A	P-SB-28-5-7	06/16/08 02:50 PM	Soil	SW9056	Anion Prep	06/18/08 11:47 AM	30653
	P-SB-28-5-7	06/16/08 02:50 PM	Soil	D2216	Percent Moisture	06/18/08 12:01 PM	PMOIST_080618B
	P-SB-28-5-7	06/16/08 02:50 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08A
0806118-07A	P-SB-29-5-7	06/16/08 03:00 PM	Soil	SW9056	Anion Prep	06/18/08 11:47 AM	30653
	P-SB-29-5-7	06/16/08 03:00 PM	Soil	D2216	Percent Moisture	06/18/08 12:01 PM	PMOIST_080618B
	P-SB-29-5-7	06/16/08 03:00 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08A
0806118-08A	P-SB-30-5-7	06/16/08 03:20 PM	Soil	SW9056	Anion Prep	06/18/08 11:47 AM	30653
	P-SB-30-5-7	06/16/08 03:20 PM	Soil	D2216	Percent Moisture	06/18/08 12:01 PM	PMOIST_080618B
	P-SB-30-5-7	06/16/08 03:20 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08A
0806118-09A	P-SB-31-5-7	06/16/08 04:25 PM	Soil	SW9056	Anion Prep	06/18/08 11:47 AM	30653
	P-SB-31-5-7	06/16/08 04:25 PM	Soil	D2216	Percent Moisture	06/18/08 12:01 PM	PMOIST_080618B
	P-SB-31-5-7	06/16/08 04:25 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08A
0806118-10A	P-SB-32-5-7	06/16/08 04:45 PM	Soil	SW9056	Anion Prep	06/18/08 11:47 AM	30653
	P-SB-32-5-7	06/16/08 04:45 PM	Soil	D2216	Percent Moisture	06/18/08 12:01 PM	PMOIST_080618B

CLIENT: TRC Environmental Corp.
Project: Petronila
Lab Order: 0806118

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
	P-SB-32-5-7	06/16/08 04:45 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08A
0806118-11A	P-SB-33-5-7	06/16/08 05:20 PM	Soil	SW9056	Anion Prep	06/18/08 11:47 AM	30653
	P-SB-33-5-7	06/16/08 05:20 PM	Soil	D2216	Percent Moisture	06/18/08 12:01 PM	PMOIST_080618B
	P-SB-33-5-7	06/16/08 05:20 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08A
0806118-12A	P-SB-33-9-10	06/16/08 05:30 PM	Soil	SW9056	Anion Prep	06/18/08 11:47 AM	30653
	P-SB-33-9-10	06/16/08 05:30 PM	Soil	D2216	Percent Moisture	06/18/08 12:01 PM	PMOIST_080618B
	P-SB-33-9-10	06/16/08 05:30 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08A
0806118-13A	P-SB-34-5-7	06/16/08 06:00 PM	Soil	SW9056	Anion Prep	06/18/08 11:47 AM	30653
	P-SB-34-5-7	06/16/08 06:00 PM	Soil	D2216	Percent Moisture	06/19/08 03:15 PM	PMOIST_080619A
	P-SB-34-5-7	06/16/08 06:00 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08A
0806118-14A	P-SB-34-11-12	06/16/08 06:10 PM	Soil	SW9056	Anion Prep	06/18/08 11:47 AM	30653
	P-SB-34-11-12	06/16/08 06:10 PM	Soil	D2216	Percent Moisture	06/19/08 03:15 PM	PMOIST_080619A
	P-SB-34-11-12	06/16/08 06:10 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08A
0806118-15A	P-SB-35-5-7	06/16/08 06:45 PM	Soil	SW9056	Anion Prep	06/18/08 11:47 AM	30653
	P-SB-35-5-7	06/16/08 06:45 PM	Soil	D2216	Percent Moisture	06/19/08 03:15 PM	PMOIST_080619A
	P-SB-35-5-7	06/16/08 06:45 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08A
0806118-16A	P-SB-36-5-7	06/16/08 07:00 PM	Soil	SW9056	Anion Prep	06/18/08 11:47 AM	30653
	P-SB-36-5-7	06/16/08 07:00 PM	Soil	D2216	Percent Moisture	06/19/08 03:15 PM	PMOIST_080619A
	P-SB-36-5-7	06/16/08 07:00 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08A
0806118-17A	P-SB-36-9-10	06/16/08 07:10 PM	Soil	SW9056	Anion Prep	06/18/08 11:47 AM	30653
	P-SB-36-9-10	06/16/08 07:10 PM	Soil	D2216	Percent Moisture	06/19/08 03:15 PM	PMOIST_080619A
	P-SB-36-9-10	06/16/08 07:10 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08A
0806118-18A	P-SB-37-5-7	06/16/08 07:50 PM	Soil	SW9056	Anion Prep	06/18/08 11:47 AM	30653
	P-SB-37-5-7	06/16/08 07:50 PM	Soil	D2216	Percent Moisture	06/19/08 03:15 PM	PMOIST_080619A
	P-SB-37-5-7	06/16/08 07:50 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08A
0806118-19A	P-SB-37-9-10	06/16/08 07:55 PM	Soil	SW9056	Anion Prep	06/18/08 11:47 AM	30653
	P-SB-37-9-10	06/16/08 07:55 PM	Soil	D2216	Percent Moisture	06/19/08 03:15 PM	PMOIST_080619A
	P-SB-37-9-10	06/16/08 07:55 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08A
0806118-20A	P-EB-S-06-16-08-01	06/16/08 07:45 PM	Equip Blank	E300	Anions by IC method - Water	06/18/08	R38154

CLIENT: TRC Environmental Corp.
Project: Petronila
Lab Order: 0806118

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
	P-EB-S-06-16-08-01	06/16/08 07:45 PM	Equip Blank	M2510 B	Specific Conductance	06/18/08	CONDW-06/18/08
0806118-21A	P-SB-38-5-7	06/16/08 08:05 PM	Soil	SW9056	Anion Prep	06/18/08 02:32 PM	30655
	P-SB-38-5-7	06/16/08 08:05 PM	Soil	D2216	Percent Moisture	06/19/08 03:15 PM	PMOIST_080619A
	P-SB-38-5-7	06/16/08 08:05 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08A
0806118-22A	P-SB-39-5-7	06/17/08 09:50 AM	Soil	SW9056	Anion Prep	06/18/08 02:32 PM	30655
	P-SB-39-5-7	06/17/08 09:50 AM	Soil	D2216	Percent Moisture	06/19/08 03:15 PM	PMOIST_080619A
	P-SB-39-5-7	06/17/08 09:50 AM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08B
0806118-23A	P-SB-40-5-7	06/17/08 10:05 AM	Soil	SW9056	Anion Prep	06/18/08 02:32 PM	30655
	P-SB-40-5-7	06/17/08 10:05 AM	Soil	D2216	Percent Moisture	06/19/08 03:15 PM	PMOIST_080619A
	P-SB-40-5-7	06/17/08 10:05 AM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08B
0806118-24A	P-SB-40-5-7-D	06/17/08	Soil	SW9056	Anion Prep	06/18/08 02:32 PM	30655
	P-SB-40-5-7-D	06/17/08	Soil	D2216	Percent Moisture	06/19/08 03:15 PM	PMOIST_080619A
	P-SB-40-5-7-D	06/17/08	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08B
0806118-25A	P-SB-40-9-10	06/17/08 10:10 AM	Soil	SW9056	Anion Prep	06/18/08 02:32 PM	30655
	P-SB-40-9-10	06/17/08 10:10 AM	Soil	D2216	Percent Moisture	06/19/08 03:15 PM	PMOIST_080619A
	P-SB-40-9-10	06/17/08 10:10 AM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08B
0806118-26A	P-SB-41-5-7	06/17/08 10:17 AM	Soil	SW9056	Anion Prep	06/18/08 02:32 PM	30655
	P-SB-41-5-7	06/17/08 10:17 AM	Soil	D2216	Percent Moisture	06/19/08 03:15 PM	PMOIST_080619A
	P-SB-41-5-7	06/17/08 10:17 AM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08B

CLIENT: TRC Environmental Corp.
Project: Petronila
Lab Order: 0806118

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
0806118-01A	P-SB-23-5-7	Soil	SW9056	Anions by IC method - Soil	30653	50	06/19/08 03:54 PM	IC2_080619A
	P-SB-23-5-7	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08A	1	06/24/08 11:20 AM	WC_080624A
	P-SB-23-5-7	Soil	D2216	Percent Moisture	PMOIST_080618B	1	06/18/08 04:20 PM	PMOIST_080618B
0806118-02A	P-SB-24-5-7	Soil	SW9056	Anions by IC method - Soil	30653	50	06/19/08 05:51 PM	IC2_080619A
	P-SB-24-5-7	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08A	1	06/24/08 11:20 AM	WC_080624A
	P-SB-24-5-7	Soil	D2216	Percent Moisture	PMOIST_080618B	1	06/18/08 04:20 PM	PMOIST_080618B
0806118-03A	P-SB-25-5-7	Soil	SW9056	Anions by IC method - Soil	30653	50	06/19/08 04:08 PM	IC2_080619A
	P-SB-25-5-7	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08A	1	06/24/08 11:20 AM	WC_080624A
	P-SB-25-5-7	Soil	D2216	Percent Moisture	PMOIST_080618B	1	06/18/08 04:20 PM	PMOIST_080618B
0806118-04A	P-SB-26-5-7	Soil	SW9056	Anions by IC method - Soil	30653	20	06/19/08 04:38 PM	IC2_080619A
	P-SB-26-5-7	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08A	1	06/24/08 11:20 AM	WC_080624A
	P-SB-26-5-7	Soil	D2216	Percent Moisture	PMOIST_080618B	1	06/18/08 04:20 PM	PMOIST_080618B
0806118-05A	P-SB-27-5-7	Soil	SW9056	Anions by IC method - Soil	30653	10	06/19/08 08:18 PM	IC2_080619A
	P-SB-27-5-7	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08A	1	06/24/08 11:20 AM	WC_080624A
	P-SB-27-5-7	Soil	D2216	Percent Moisture	PMOIST_080618B	1	06/18/08 04:20 PM	PMOIST_080618B
0806118-06A	P-SB-28-5-7	Soil	SW9056	Anions by IC method - Soil	30653	50	06/19/08 08:47 PM	IC2_080619A
	P-SB-28-5-7	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08A	1	06/24/08 11:20 AM	WC_080624A
	P-SB-28-5-7	Soil	D2216	Percent Moisture	PMOIST_080618B	1	06/18/08 04:20 PM	PMOIST_080618B
0806118-07A	P-SB-29-5-7	Soil	SW9056	Anions by IC method - Soil	30653	50	06/19/08 08:32 PM	IC2_080619A
	P-SB-29-5-7	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08A	1	06/24/08 11:20 AM	WC_080624A
	P-SB-29-5-7	Soil	D2216	Percent Moisture	PMOIST_080618B	1	06/18/08 04:20 PM	PMOIST_080618B
0806118-08A	P-SB-30-5-7	Soil	SW9056	Anions by IC method - Soil	30653	10	06/19/08 12:25 PM	IC2_080619A
	P-SB-30-5-7	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08A	1	06/24/08 11:20 AM	WC_080624A
	P-SB-30-5-7	Soil	D2216	Percent Moisture	PMOIST_080618B	1	06/18/08 04:20 PM	PMOIST_080618B
0806118-09A	P-SB-31-5-7	Soil	SW9056	Anions by IC method - Soil	30653	10	06/19/08 11:08 AM	IC2_080619A
	P-SB-31-5-7	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08A	1	06/24/08 11:20 AM	WC_080624A
	P-SB-31-5-7	Soil	D2216	Percent Moisture	PMOIST_080618B	1	06/18/08 04:20 PM	PMOIST_080618B
0806118-10A	P-SB-32-5-7	Soil	SW9056	Anions by IC method - Soil	30653	1	06/19/08 01:09 PM	IC2_080619A
	P-SB-32-5-7	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08A	1	06/24/08 11:20 AM	WC_080624A

CLIENT: TRC Environmental Corp.
Project: Petronila
Lab Order: 0806118

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
	P-SB-32-5-7	Soil	D2216	Percent Moisture	PMOIST_080618B	1	06/18/08 04:20 PM	PMOIST_080618B
0806118-11A	P-SB-33-5-7	Soil	SW9056	Anions by IC method - Soil	30653	1	06/19/08 05:22 PM	IC2_080619A
	P-SB-33-5-7	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08A	1	06/24/08 11:20 AM	WC_080624A
	P-SB-33-5-7	Soil	D2216	Percent Moisture	PMOIST_080618B	1	06/18/08 04:20 PM	PMOIST_080618B
0806118-12A	P-SB-33-9-10	Soil	SW9056	Anions by IC method - Soil	30653	1	06/19/08 05:36 PM	IC2_080619A
	P-SB-33-9-10	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08A	1	06/24/08 11:20 AM	WC_080624A
	P-SB-33-9-10	Soil	D2216	Percent Moisture	PMOIST_080618B	1	06/18/08 04:20 PM	PMOIST_080618B
0806118-13A	P-SB-34-5-7	Soil	SW9056	Anions by IC method - Soil	30653	5	06/19/08 06:20 PM	IC2_080619A
	P-SB-34-5-7	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08A	1	06/24/08 11:20 AM	WC_080624A
	P-SB-34-5-7	Soil	D2216	Percent Moisture	PMOIST_080619A	1	06/20/08 11:00 AM	PMOIST_080619A
0806118-14A	P-SB-34-11-12	Soil	SW9056	Anions by IC method - Soil	30653	5	06/19/08 06:35 PM	IC2_080619A
	P-SB-34-11-12	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08A	1	06/24/08 11:20 AM	WC_080624A
	P-SB-34-11-12	Soil	D2216	Percent Moisture	PMOIST_080619A	1	06/20/08 11:00 AM	PMOIST_080619A
0806118-15A	P-SB-35-5-7	Soil	SW9056	Anions by IC method - Soil	30653	50	06/19/08 09:02 PM	IC2_080619A
	P-SB-35-5-7	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08A	1	06/24/08 11:20 AM	WC_080624A
	P-SB-35-5-7	Soil	D2216	Percent Moisture	PMOIST_080619A	1	06/20/08 11:00 AM	PMOIST_080619A
0806118-16A	P-SB-36-5-7	Soil	SW9056	Anions by IC method - Soil	30653	100	06/19/08 07:19 PM	IC2_080619A
	P-SB-36-5-7	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08A	1	06/24/08 11:20 AM	WC_080624A
	P-SB-36-5-7	Soil	D2216	Percent Moisture	PMOIST_080619A	1	06/20/08 11:00 AM	PMOIST_080619A
0806118-17A	P-SB-36-9-10	Soil	SW9056	Anions by IC method - Soil	30653	100	06/19/08 07:34 PM	IC2_080619A
	P-SB-36-9-10	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08A	1	06/24/08 11:20 AM	WC_080624A
	P-SB-36-9-10	Soil	D2216	Percent Moisture	PMOIST_080619A	1	06/20/08 11:00 AM	PMOIST_080619A
0806118-18A	P-SB-37-5-7	Soil	SW9056	Anions by IC method - Soil	30653	100	06/19/08 07:48 PM	IC2_080619A
	P-SB-37-5-7	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08A	1	06/24/08 11:20 AM	WC_080624A
	P-SB-37-5-7	Soil	D2216	Percent Moisture	PMOIST_080619A	1	06/20/08 11:00 AM	PMOIST_080619A
0806118-19A	P-SB-37-9-10	Soil	SW9056	Anions by IC method - Soil	30653	50	06/19/08 03:10 PM	IC2_080619A
	P-SB-37-9-10	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08A	1	06/24/08 11:20 AM	WC_080624A
	P-SB-37-9-10	Soil	D2216	Percent Moisture	PMOIST_080619A	1	06/20/08 11:00 AM	PMOIST_080619A
0806118-20A	P-EB-S-06-16-08-01	Equip Blank	E300	Anions by IC method - Water	R38154	1	06/18/08 03:22 PM	IC2_080618A

CLIENT: TRC Environmental Corp.
Project: Petronila
Lab Order: 0806118

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
	P-EB-S-06-16-08-01	Equip Blank	M2510 B	Specific Conductance	CONDW-06/18/08	1	06/18/08 01:30 PM	WC_080618A
0806118-21A	P-SB-38-5-7	Soil	SW9056	Anions by IC method - Soil	30655	20	06/20/08 05:44 PM	IC_080620A
	P-SB-38-5-7	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08A	1	06/24/08 11:20 AM	WC_080624A
	P-SB-38-5-7	Soil	D2216	Percent Moisture	PMOIST_080619A	1	06/20/08 11:00 AM	PMOIST_080619A
0806118-22A	P-SB-39-5-7	Soil	SW9056	Anions by IC method - Soil	30655	10	06/20/08 02:43 PM	IC_080620A
	P-SB-39-5-7	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08B	1	06/24/08 11:20 AM	WC_080624A
	P-SB-39-5-7	Soil	D2216	Percent Moisture	PMOIST_080619A	1	06/20/08 11:00 AM	PMOIST_080619A
0806118-23A	P-SB-40-5-7	Soil	SW9056	Anions by IC method - Soil	30655	10	06/20/08 02:59 PM	IC_080620A
	P-SB-40-5-7	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08B	1	06/24/08 11:20 AM	WC_080624A
	P-SB-40-5-7	Soil	D2216	Percent Moisture	PMOIST_080619A	1	06/20/08 11:00 AM	PMOIST_080619A
0806118-24A	P-SB-40-5-7-D	Soil	SW9056	Anions by IC method - Soil	30655	10	06/20/08 03:15 PM	IC_080620A
	P-SB-40-5-7-D	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08B	1	06/24/08 11:20 AM	WC_080624A
	P-SB-40-5-7-D	Soil	D2216	Percent Moisture	PMOIST_080619A	1	06/20/08 11:00 AM	PMOIST_080619A
0806118-25A	P-SB-40-9-10	Soil	SW9056	Anions by IC method - Soil	30655	10	06/20/08 03:31 PM	IC_080620A
	P-SB-40-9-10	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08B	1	06/24/08 11:20 AM	WC_080624A
	P-SB-40-9-10	Soil	D2216	Percent Moisture	PMOIST_080619A	1	06/20/08 11:00 AM	PMOIST_080619A
0806118-26A	P-SB-41-5-7	Soil	SW9056	Anions by IC method - Soil	30655	20	06/20/08 06:00 PM	IC_080620A
	P-SB-41-5-7	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08B	1	06/24/08 11:20 AM	WC_080624A
	P-SB-41-5-7	Soil	D2216	Percent Moisture	PMOIST_080619A	1	06/20/08 11:00 AM	PMOIST_080619A

CLIENT:	TRC Environmental Corp.	**Client Sample ID:**	P-SB-23-5-7
Project:	Petronila	**Lab ID:**	0806118-01
Project No:		**Collection Date:**	06/16/08 10:55 AM
Lab Order:	0806118	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	3780	295	295		mg/Kg-dry	50	06/19/08 03:54 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	16.5	0	0	N	WT%	1	06/18/08 04:20 PM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	4390	10.0	10.0		µmhos/cm	1	06/24/08 11:20 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:**	P-SB-24-5-7
Project:	Petronila	**Lab ID:**	0806118-02
Project No:		**Collection Date:**	06/16/08 12:15 PM
Lab Order:	0806118	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	7590	309	309		mg/Kg-dry	50	06/19/08 05:51 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	19.5	0	0	N	WT%	1	06/18/08 04:20 PM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	8810	10.0	10.0		µmhos/cm	1	06/24/08 11:20 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:**	P-SB-25-5-7
Project:	Petronila	**Lab ID:**	0806118-03
Project No:		**Collection Date:**	06/16/08 01:45 PM
Lab Order:	0806118	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	4750	307	307		mg/Kg-dry	50	06/19/08 04:08 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	19.6	0	0	N	WT%	1	06/18/08 04:20 PM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	7730	10.0	10.0		µmhos/cm	1	06/24/08 11:20 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:**	P-SB-26-5-7
Project:	Petronila	**Lab ID:**	0806118-04
Project No:		**Collection Date:**	06/16/08 02:00 PM
Lab Order:	0806118	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	1670	122	122		mg/Kg-dry	20	06/19/08 04:38 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	19.1	0	0	N	WT%	1	06/18/08 04:20 PM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	5010	10.0	10.0		µmhos/cm	1	06/24/08 11:20 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:**	P-SB-27-5-7
Project:	Petronila	**Lab ID:**	0806118-05
Project No:		**Collection Date:**	06/16/08 02:25 PM
Lab Order:	0806118	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	1720	62.1	62.1		mg/Kg-dry	10	06/19/08 08:18 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	20.2	0	0	N	WT%	1	06/18/08 04:20 PM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	2910	10.0	10.0		µmhos/cm	1	06/24/08 11:20 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:**	P-SB-28-5-7
Project:	Petronila	**Lab ID:**	0806118-06
Project No:		**Collection Date:**	06/16/08 02:50 PM
Lab Order:	0806118	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	6320	306	306		mg/Kg-dry	50	06/19/08 08:47 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	18.8	0	0	N	WT%	1	06/18/08 04:20 PM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	8440	10.0	10.0		µmhos/cm	1	06/24/08 11:20 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:**	P-SB-29-5-7
Project:	Petronila	**Lab ID:**	0806118-07
Project No:		**Collection Date:**	06/16/08 03:00 PM
Lab Order:	0806118	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	7410	298	298		mg/Kg-dry	50	06/19/08 08:32 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	17.5	0	0	N	WT%	1	06/18/08 04:20 PM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	12000	10.0	10.0		µmhos/cm	1	06/24/08 11:20 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:**	P-SB-30-5-7
Project:	Petronila	**Lab ID:**	0806118-08
Project No:		**Collection Date:**	06/16/08 03:20 PM
Lab Order:	0806118	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	2610	61.9	61.9		mg/Kg-dry	10	06/19/08 12:25 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	20.2	0	0	N	WT%	1	06/18/08 04:20 PM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	3190	10.0	10.0		µmhos/cm	1	06/24/08 11:20 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:**	P-SB-31-5-7
Project:	Petronila	**Lab ID:**	0806118-09
Project No:		**Collection Date:**	06/16/08 04:25 PM
Lab Order:	0806118	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	1930	65.9	65.9		mg/Kg-dry	10	06/19/08 11:08 AM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	24.3	0	0	N	WT%	1	06/18/08 04:20 PM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	3790	10.0	10.0		µmhos/cm	1	06/24/08 11:20 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:**	P-SB-32-5-7
Project:	Petronila	**Lab ID:**	0806118-10
Project No:		**Collection Date:**	06/16/08 04:45 PM
Lab Order:	0806118	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	9.08	6.45	6.45		mg/Kg-dry	1	06/19/08 01:09 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	22.8	0	0	N	WT%	1	06/18/08 04:20 PM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	2720	10.0	10.0		µmhos/cm	1	06/24/08 11:20 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:**	P-SB-33-5-7
Project:	Petronila	**Lab ID:**	0806118-11
Project No:		**Collection Date:**	06/16/08 05:20 PM
Lab Order:	0806118	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	148	6.53	6.53		mg/Kg-dry	1	06/19/08 05:22 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	24.0	0	0	N	WT%	1	06/18/08 04:20 PM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	2650	10.0	10.0		µmhos/cm	1	06/24/08 11:20 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:**	P-SB-33-9-10
Project:	Petronila	**Lab ID:**	0806118-12
Project No:		**Collection Date:**	06/16/08 05:30 PM
Lab Order:	0806118	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	70.4	6.27	6.27		mg/Kg-dry	1	06/19/08 05:36 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	21.8	0	0	N	WT%	1	06/18/08 04:20 PM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	3750	10.0	10.0		µmhos/cm	1	06/24/08 11:20 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:**	P-SB-34-5-7
Project:	Petronila	**Lab ID:**	0806118-13
Project No:		**Collection Date:**	06/16/08 06:00 PM
Lab Order:	0806118	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	996	33.1	33.1		mg/Kg-dry	5	06/19/08 06:20 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	24.9	0	0	N	WT%	1	06/20/08 11:00 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	4490	10.0	10.0		µmhos/cm	1	06/24/08 11:20 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:**	P-SB-34-11-12
Project:	Petronila	**Lab ID:**	0806118-14
Project No:		**Collection Date:**	06/16/08 06:10 PM
Lab Order:	0806118	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	690	32.2	32.2		mg/Kg-dry	5	06/19/08 06:35 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	23.5	0	0	N	WT%	1	06/20/08 11:00 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	1690	10.0	10.0		µmhos/cm	1	06/24/08 11:20 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:**	P-SB-35-5-7
Project:	Petronila	**Lab ID:**	0806118-15
Project No:		**Collection Date:**	06/16/08 06:45 PM
Lab Order:	0806118	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	6090	302	302		mg/Kg-dry	50	06/19/08 09:02 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	18.5	0	0	N	WT%	1	06/20/08 11:00 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	10000	10.0	10.0		µmhos/cm	1	06/24/08 11:20 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:**	P-SB-36-5-7
Project:	Petronila	**Lab ID:**	0806118-16
Project No:		**Collection Date:**	06/16/08 07:00 PM
Lab Order:	0806118	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	5940	620	620		mg/Kg-dry	100	06/19/08 07:19 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	19.6	0	0	N	WT%	1	06/20/08 11:00 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	12300	10.0	10.0		µmhos/cm	1	06/24/08 11:20 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:**	P-SB-36-9-10
Project:	Petronila	**Lab ID:**	0806118-17
Project No:		**Collection Date:**	06/16/08 07:10 PM
Lab Order:	0806118	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	5780	626	626		mg/Kg-dry	100	06/19/08 07:34 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	20.5	0	0	N	WT%	1	06/20/08 11:00 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	12300	10.0	10.0		µmhos/cm	1	06/24/08 11:20 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:**	P-SB-37-5-7
Project:	Petronila	**Lab ID:**	0806118-18
Project No:		**Collection Date:**	06/16/08 07:50 PM
Lab Order:	0806118	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	6730	611	611		mg/Kg-dry	100	06/19/08 07:48 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	19.8	0	0	N	WT%	1	06/20/08 11:00 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	11900	10.0	10.0		µmhos/cm	1	06/24/08 11:20 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:**	P-SB-37-9-10
Project:	Petronila	**Lab ID:**	0806118-19
Project No:		**Collection Date:**	06/16/08 07:55 PM
Lab Order:	0806118	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	7730	313	313		mg/Kg-dry	50	06/19/08 03:10 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	21.7	0	0	N	WT%	1	06/20/08 11:00 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	9440	10.0	10.0		µmhos/cm	1	06/24/08 11:20 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:**	P-EB-S-06-16-08-01
Project:	Petronila	**Lab ID:**	0806118-20
Project No:		**Collection Date:**	06/16/08 07:45 PM
Lab Order:	0806118	**Matrix:**	Equip Blank

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Water		**E300**					**Analyst: AD**
Chloride	0.689	0.300	1.00	J	mg/L	1	06/18/08 03:22 PM
Specific Conductance		**M2510 B**					**Analyst: SW**
Specific Conductance	15.3	10.0	10.0		µmhos/cm	1	06/18/08 01:30 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:**	P-SB-38-5-7
Project:	Petronila	**Lab ID:**	0806118-21
Project No:		**Collection Date:**	06/16/08 08:05 PM
Lab Order:	0806118	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	4520	141	141		mg/Kg-dry	20	06/20/08 05:44 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	29.1	0	0	N	WT%	1	06/20/08 11:00 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	5150	10.0	10.0		µmhos/cm	1	06/24/08 11:20 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:**	P-SB-39-5-7
Project:	Petronila	**Lab ID:**	0806118-22
Project No:		**Collection Date:**	06/17/08 09:50 AM
Lab Order:	0806118	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	1390	61.2	61.2		mg/Kg-dry	10	06/20/08 02:43 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	19.1	0	0	N	WT%	1	06/20/08 11:00 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	3910	10.0	10.0		µmhos/cm	1	06/24/08 11:20 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:**	P-SB-40-5-7
Project:	Petronila	**Lab ID:**	0806118-23
Project No:		**Collection Date:**	06/17/08 10:05 AM
Lab Order:	0806118	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	2890	62.4	62.4		mg/Kg-dry	10	06/20/08 02:59 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	21.2	0	0	N	WT%	1	06/20/08 11:00 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	4870	10.0	10.0		µmhos/cm	1	06/24/08 11:20 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:**	P-SB-40-5-7-D
Project:	Petronila	**Lab ID:**	0806118-24
Project No:		**Collection Date:**	06/17/08
Lab Order:	0806118	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	2860	63.3	63.3		mg/Kg-dry	10	06/20/08 03:15 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	21.2	0	0	N	WT%	1	06/20/08 11:00 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	5660	10.0	10.0		µmhos/cm	1	06/24/08 11:20 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:**	P-SB-40-9-10
Project:	Petronila	**Lab ID:**	0806118-25
Project No:		**Collection Date:**	06/17/08 10:10 AM
Lab Order:	0806118	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	2010	61.1	61.1		mg/Kg-dry	10	06/20/08 03:31 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	18.4	0	0	N	WT%	1	06/20/08 11:00 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	3930	10.0	10.0		µmhos/cm	1	06/24/08 11:20 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:**	P-SB-41-5-7
Project:	Petronila	**Lab ID:**	0806118-26
Project No:		**Collection Date:**	06/17/08 10:17 AM
Lab Order:	0806118	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	4790	124	124		mg/Kg-dry	20	06/20/08 06:00 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	19.9	0	0	N	WT%	1	06/20/08 11:00 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	8840	10.0	10.0		µmhos/cm	1	06/24/08 11:20 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: 0806118
Project: Petronila

ANALYTICAL QC SUMMARY REPORT

RunID: IC_080620A

Sample ID:	**MB-30655**	**Batch ID:**	**30655**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**MBLK**	**Run ID:**	**IC_080620A**		**Analysis Date:**		**06/20/08 11:35 AM**			**Prep Date:**	**06/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		ND	5.00								

Sample ID:	**LCS-30655**	**Batch ID:**	**30655**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**LCS**	**Run ID:**	**IC_080620A**		**Analysis Date:**		**06/20/08 12:19 PM**			**Prep Date:**	**06/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		50.3	5.00	50.00	0	101	80	120			

Sample ID:	**LCSD-30655**	**Batch ID:**	**30655**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**LCSD**	**Run ID:**	**IC_080620A**		**Analysis Date:**		**06/20/08 12:35 PM**			**Prep Date:**	**06/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		50.0	5.00	50.00	0	100	80	120	0.669	20	

Sample ID:	**0806118-26ADUP**	**Batch ID:**	**30655**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg-dry**
SampType:	**DUP**	**Run ID:**	**IC_080620A**		**Analysis Date:**		**06/20/08 06:15 PM**			**Prep Date:**	**06/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		4960	123	0	4787				3.63	20	

Sample ID:	**0806118-22AMS**	**Batch ID:**	**30655**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg-dry**
SampType:	**MS**	**Run ID:**	**IC_080620A**		**Analysis Date:**		**06/23/08 12:17 PM**			**Prep Date:**	**06/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		1480	61.2	612.2	834.1	106	80	120			

Sample ID:	**0806118-22AMSD**	**Batch ID:**	**30655**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg-dry**
SampType:	**MSD**	**Run ID:**	**IC_080620A**		**Analysis Date:**		**06/23/08 12:33 PM**			**Prep Date:**	**06/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		1490	61.2	612.2	834.1	107	80	120	0.346	20	

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: 0806118
Project: Petronila

ANALYTICAL QC SUMMARY REPORT

RunID: IC_080620A

Sample ID:	**ICV-080620**	**Batch ID:**	**R38209**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**ICV**	**Run ID:**	**IC_080620A**		**Analysis Date:**		**06/20/08 11:15 AM**			**Prep Date:**	**06/20/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		26.0	5.00	25.00	0	104	90	110			

Sample ID:	**CCV1-080620**	**Batch ID:**	**R38209**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**CCV**	**Run ID:**	**IC_080620A**		**Analysis Date:**		**06/20/08 04:41 PM**			**Prep Date:**	**06/20/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		10.3	5.00	10.00	0	103	90	110			

Sample ID:	**CCV2-080620**	**Batch ID:**	**R38209**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**CCV**	**Run ID:**	**IC_080620A**		**Analysis Date:**		**06/20/08 06:31 PM**			**Prep Date:**	**06/20/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		10.4	5.00	10.00	0	104	90	110			

Sample ID:	**ICV-080623**	**Batch ID:**	**R38209**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**ICV**	**Run ID:**	**IC_080620A**		**Analysis Date:**		**06/23/08 11:29 AM**			**Prep Date:**	**06/23/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		26.4	5.00	25.00	0	106	90	110			

Sample ID:	**CCV1-080623**	**Batch ID:**	**R38209**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**CCV**	**Run ID:**	**IC_080620A**		**Analysis Date:**		**06/23/08 12:49 PM**			**Prep Date:**	**06/23/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		10.2	5.00	10.00	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: 0806118
Project: Petronila

ANALYTICAL QC SUMMARY REPORT

RunID: IC2_080618A

Sample ID:	**ICV-080618**	**Batch ID:**	**R38154**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**ICV**	**Run ID:**	**IC2_080618A**		**Analysis Date:**		**06/18/08 11:55 AM**			**Prep Date:**	**06/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		25.8	1.00	25.00	0	103	90	110			
Sample ID:	**MB-080618**	**Batch ID:**	**R38154**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**MBLK**	**Run ID:**	**IC2_080618A**		**Analysis Date:**		**06/18/08 02:12 PM**			**Prep Date:**	**06/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		ND	1.00								
Sample ID:	**LCS-080618**	**Batch ID:**	**R38154**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**LCS**	**Run ID:**	**IC2_080618A**		**Analysis Date:**		**06/18/08 02:27 PM**			**Prep Date:**	**06/18/08**
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			
Sample ID:	**LCSD-080618**	**Batch ID:**	**R38154**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**LCSD**	**Run ID:**	**IC2_080618A**		**Analysis Date:**		**06/18/08 02:41 PM**			**Prep Date:**	**06/18/08**
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	0.206	20	
Sample ID:	**0806118-20AMS**	**Batch ID:**	**R38154**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**MS**	**Run ID:**	**IC2_080618A**		**Analysis Date:**		**06/18/08 03:37 PM**			**Prep Date:**	**06/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		10.4	1.00	10.00	0.4100	99.9	90	110			
Sample ID:	**0806118-20AMSD**	**Batch ID:**	**R38154**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**MSD**	**Run ID:**	**IC2_080618A**		**Analysis Date:**		**06/18/08 03:51 PM**			**Prep Date:**	**06/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		10.4	1.00	10.00	0.4100	99.9	90	110	0.0154	20	
Sample ID:	**CCV1-080618**	**Batch ID:**	**R38154**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**CCV**	**Run ID:**	**IC2_080618A**		**Analysis Date:**		**06/18/08 04:06 PM**			**Prep Date:**	**06/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		9.98	1.00	10.00	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: 0806118
Project: Petronila

ANALYTICAL QC SUMMARY REPORT

RunID: IC2_080619A

Sample ID:	**LCS-30653**	**Batch ID:**	**30653**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**LCS**	**Run ID:**	**IC2_080619A**		**Analysis Date:**		**06/19/08 08:26 AM**			**Prep Date:**	**06/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		50.1	5.00	50.00	0	100	80	120			

Sample ID:	**LCSD-30653**	**Batch ID:**	**30653**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**LCSD**	**Run ID:**	**IC2_080619A**		**Analysis Date:**		**06/19/08 08:40 AM**			**Prep Date:**	**06/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		50.2	5.00	50.00	0	100	80	120	0.174	20	

Sample ID:	**MB-30653**	**Batch ID:**	**30653**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**MBLK**	**Run ID:**	**IC2_080619A**		**Analysis Date:**		**06/19/08 08:55 AM**			**Prep Date:**	**06/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		ND	5.00								

Sample ID:	**0806118-10AMS**	**Batch ID:**	**30653**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg-dry**
SampType:	**MS**	**Run ID:**	**IC2_080619A**		**Analysis Date:**		**06/19/08 01:24 PM**			**Prep Date:**	**06/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		70.8	6.45	64.55	5.449	101	80	120			

Sample ID:	**0806118-10AMSD**	**Batch ID:**	**30653**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg-dry**
SampType:	**MSD**	**Run ID:**	**IC2_080619A**		**Analysis Date:**		**06/19/08 01:53 PM**			**Prep Date:**	**06/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		70.7	6.45	64.55	5.450	101	80	120	0.156	20	

Sample ID:	**0806118-19ADUP**	**Batch ID:**	**30653**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg-dry**
SampType:	**DUP**	**Run ID:**	**IC2_080619A**		**Analysis Date:**		**06/19/08 03:24 PM**			**Prep Date:**	**06/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		7770	317	0	7730				0.516	20	

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: 0806118
Project: Petronila

ANALYTICAL QC SUMMARY REPORT

RunID: IC2_080619A

Sample ID:	**ICV-080619**	**Batch ID:**	**R38188**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**ICV**	**Run ID:**	**IC2_080619A**		**Analysis Date:**		**06/19/08 08:11 AM**			**Prep Date:**	**06/19/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		25.8	5.00	25.00	0	103	90	110			

Sample ID:	**CCV1-080619**	**Batch ID:**	**R38188**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**CCV**	**Run ID:**	**IC2_080619A**		**Analysis Date:**		**06/19/08 10:53 AM**			**Prep Date:**	**06/19/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		10.2	5.00	10.00	0	102	90	110			

Sample ID:	**CCV2-080619**	**Batch ID:**	**R38188**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**CCV**	**Run ID:**	**IC2_080619A**		**Analysis Date:**		**06/19/08 01:39 PM**			**Prep Date:**	**06/19/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		10.1	5.00	10.00	0	101	90	110			

Sample ID:	**CCV3-080619**	**Batch ID:**	**R38188**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**CCV**	**Run ID:**	**IC2_080619A**		**Analysis Date:**		**06/19/08 04:23 PM**			**Prep Date:**	**06/19/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		10.0	5.00	10.00	0	100	90	110			

Sample ID:	**CCV4-080619**	**Batch ID:**	**R38188**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**CCV**	**Run ID:**	**IC2_080619A**		**Analysis Date:**		**06/19/08 07:04 PM**			**Prep Date:**	**06/19/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		10.0	5.00	10.00	0	100	90	110			

Sample ID:	**CCV5-080619**	**Batch ID:**	**R38188**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**CCV**	**Run ID:**	**IC2_080619A**		**Analysis Date:**		**06/19/08 09:16 PM**			**Prep Date:**	**06/19/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		10.1	5.00	10.00	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: 0806118
Project: Petronila

ANALYTICAL QC SUMMARY REPORT

RunID: PMOIST_080618B

Sample ID:	**0806118-12A DUP**	**Batch ID:**	**PMOIST_080618B**	**TestNo:**	**D2216**			**Units:**	**WT%**		
SampType:	**DUP**	**Run ID:**	**PMOIST_080618B**	**Analysis Date:**	**06/18/08 04:20 PM**			**Prep Date:**	**06/18/08**		
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Percent Moisture		21.3	0	0	21.83				2.27	30	N

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: 0806118
Project: Petronila

ANALYTICAL QC SUMMARY REPORT

RunID: PMOIST_080619A

Sample ID:	**0806118-26A DUP**	**Batch ID:**	**PMOIST_080619A**	**TestNo:**	**D2216**			**Units:**	**WT%**	
SampType:	**DUP**	**Run ID:**	**PMOIST_080619A**	**Analysis Date:**	**06/20/08 11:00 AM**			**Prep Date:**	**06/19/08**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Percent Moisture		20.2	0	0	19.88				1.70	30	N

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: 0806118
Project: Petronila

ANALYTICAL QC SUMMARY REPORT

RunID: WC_080618A

Sample ID:	**ICV-080618**	**Batch ID:**	**CONDW-06/18/08**	**TestNo:**		**M2510 B**			**Units:**		**µmhos/cm**
SampType:	**ICV**	**Run ID:**	**WC_080618A**	**Analysis Date:**		**06/18/08 01:30 PM**			**Prep Date:**		**06/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		12900	10.0	12880	0	100	95	105			

Sample ID:	**MB-080618**	**Batch ID:**	**CONDW-06/18/08**	**TestNo:**		**M2510 B**			**Units:**		**µmhos/cm**
SampType:	**MBLK**	**Run ID:**	**WC_080618A**	**Analysis Date:**		**06/18/08 01:30 PM**			**Prep Date:**		**06/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		ND	10.0								

Sample ID:	**LCS-080618**	**Batch ID:**	**CONDW-06/18/08**	**TestNo:**		**M2510 B**			**Units:**		**µmhos/cm**
SampType:	**LCS**	**Run ID:**	**WC_080618A**	**Analysis Date:**		**06/18/08 01:30 PM**			**Prep Date:**		**06/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		1370	10.0	1413	0	97.1	95	105			

Sample ID:	**0806118-20A DUP**	**Batch ID:**	**CONDW-06/18/08**	**TestNo:**		**M2510 B**			**Units:**		**µmhos/cm**
SampType:	**DUP**	**Run ID:**	**WC_080618A**	**Analysis Date:**		**06/18/08 01:30 PM**			**Prep Date:**		**06/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		15.1	10.0	0	15.26				1.19	2	

Sample ID:	**CCV-080618**	**Batch ID:**	**CONDW-06/18/08**	**TestNo:**		**M2510 B**			**Units:**		**µmhos/cm**
SampType:	**CCV**	**Run ID:**	**WC_080618A**	**Analysis Date:**		**06/18/08 01:30 PM**			**Prep Date:**		**06/18/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		12400	10.0	12880	0	96.3	95	105			

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: 0806118
Project: Petronila

ANALYTICAL QC SUMMARY REPORT

RunID: WC_080624A

Sample ID:	**CCV1-080624**	**Batch ID:**	**CONDS-06/24/08**	**TestNo:**		**Agron 10-2.3**		**Units:**	**µmhos/cm**
SampType:	**CCV**	**Run ID:**	**WC_080624A**	**Analysis Date:**		**06/24/08 11:20 AM**		**Prep Date:**	**06/24/08**
Analyte	**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit** **Qual**
Specific Conductance	12700	10.0	12880	0	98.4	90	110		

Sample ID:	**CCV2-080624**	**Batch ID:**	**CONDS-06/24/08**	**TestNo:**		**Agron 10-2.3**		**Units:**	**µmhos/cm**
SampType:	**CCV**	**Run ID:**	**WC_080624A**	**Analysis Date:**		**06/24/08 11:20 AM**		**Prep Date:**	**06/24/08**
Analyte	**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit** **Qual**
Specific Conductance	12600	10.0	12880	0	97.8	90	110		

Sample ID:	**CCV4-080624**	**Batch ID:**	**CONDS-06/24/08**	**TestNo:**		**Agron 10-2.3**		**Units:**	**µmhos/cm**
SampType:	**CCV**	**Run ID:**	**WC_080624A**	**Analysis Date:**		**06/24/08 11:20 AM**		**Prep Date:**	**06/24/08**
Analyte	**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit** **Qual**
Specific Conductance	12400	10.0	12880	0	96.0	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: 0806118
Project: Petronila

ANALYTICAL QC SUMMARY REPORT

RunID: WC_080624A

Sample ID:	**ICV-080624**	**Batch ID:**	**CONDS-06/24/08A**	**TestNo:**		**Agron 10-2.3**			**Units:**		**µmhos/cm**
SampType:	**ICV**	**Run ID:**	**WC_080624A**	**Analysis Date:**		**06/24/08 11:20 AM**			**Prep Date:**		**06/24/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		12900	10.0	12880	0	100	90	110			

Sample ID:	**MBLK1-080624**	**Batch ID:**	**CONDS-06/24/08A**	**TestNo:**		**Agron 10-2.3**			**Units:**		**µmhos/cm**
SampType:	**MBLK**	**Run ID:**	**WC_080624A**	**Analysis Date:**		**06/24/08 11:20 AM**			**Prep Date:**		**06/24/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		ND	10.0								

Sample ID:	**LCS1-080624**	**Batch ID:**	**CONDS-06/24/08A**	**TestNo:**		**Agron 10-2.3**			**Units:**		**µmhos/cm**
SampType:	**LCS**	**Run ID:**	**WC_080624A**	**Analysis Date:**		**06/24/08 11:20 AM**			**Prep Date:**		**06/24/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		1380	10.0	1413	0	97.8	91	107			

Sample ID:	**0806118-10A DUP**	**Batch ID:**	**CONDS-06/24/08A**	**TestNo:**		**Agron 10-2.3**			**Units:**		**µmhos/cm**
SampType:	**DUP**	**Run ID:**	**WC_080624A**	**Analysis Date:**		**06/24/08 11:20 AM**			**Prep Date:**		**06/24/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		2700	10.0	0	2720				0.738	25	

Sample ID:	**0806118-21A DUP**	**Batch ID:**	**CONDS-06/24/08A**	**TestNo:**		**Agron 10-2.3**			**Units:**		**µmhos/cm**
SampType:	**DUP**	**Run ID:**	**WC_080624A**	**Analysis Date:**		**06/24/08 11:20 AM**			**Prep Date:**		**06/24/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		5350	10.0	0	5150				3.81	25	

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: 0806118
Project: Petronila

ANALYTICAL QC SUMMARY REPORT

RunID: WC_080624A

Sample ID:	**MBLK2-080624**	**Batch ID:**	**CONDS-06/24/08B**	**TestNo:**		**Agron 10-2.3**			**Units:**		**µmhos/cm**
SampType:	**MBLK**	**Run ID:**	**WC_080624A**	**Analysis Date:**		**06/24/08 11:20 AM**			**Prep Date:**		**06/24/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		ND	10.0								

Sample ID:	**LCS2-080624**	**Batch ID:**	**CONDS-06/24/08B**	**TestNo:**		**Agron 10-2.3**			**Units:**		**µmhos/cm**
SampType:	**LCS**	**Run ID:**	**WC_080624A**	**Analysis Date:**		**06/24/08 11:20 AM**			**Prep Date:**		**06/24/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		1360	10.0	1413	0	96.2	91	107			

Sample ID:	**0806118-22A DUP**	**Batch ID:**	**CONDS-06/24/08B**	**TestNo:**		**Agron 10-2.3**			**Units:**		**µmhos/cm**
SampType:	**DUP**	**Run ID:**	**WC_080624A**	**Analysis Date:**		**06/24/08 11:20 AM**			**Prep Date:**		**06/24/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		3970	10.0	0	3910				1.52	25	

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: 0806118
Project: Petronila

ANALYTICAL QC SUMMARY REPORT

RunID: WC_080624A

Sample ID:	**CCV3-080624**	**Batch ID:**	**CONDW-06/24/08**	**TestNo:**		**Agron 10-2.3**		**Units:**	**µmhos/cm**
SampType:	**CCV**	**Run ID:**	**WC_080624A**	**Analysis Date:**		**06/24/08 11:20 AM**		**Prep Date:**	**06/24/08**

Analyte	Result	RL	SPK value	Ref Val	%REC	LowLimit	HighLimit	%RPD	RPD Limit	Qual
Specific Conductance	12400	10.0	12880	0	96.2	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

July 15, 2008

Matt Webre
TRC Environmental Corp.
505 East Huntland Drive Suite 250
Austin, Texas 78752

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

Order No: 0806139

RE: Petronila Creek

Dear Matt Webre:

DHL Analytical received 47 sample(s) on 6/20/2008 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

№ 36878
CHAIN-OF-CUSTODY

CLIENT: TRC Environmental
ADDRESS: 505 E. Huntland Dr. Austin, TX 78752
PHONE: 512-329-6068 FAX 329-0750
DATA REPORTED TO: Matt Webre
ADDITIONAL REPORT COPIES TO: —

DATE: 06/19/08 PAGE 1 OF 4
PO #: DHL WORK ORDER #: 0806139
PROJECT LOCATION OR NAME: Petronila Creek
CLIENT PROJECT #: 160551.0001 COLLECTOR: TRC

Authorize 5% surcharge for TRRP report? ☐Yes ☐No — Check w/ Matt Webre

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 ☐ / Cl (9056) / Moist (D2216) / pH (ASA 10-2 5)

Field Sample I.D.	DHL Lab #	Date	Time	Matrix	Container Type	# of Containers	HCl	HNO3	H2SO4 ☐ NaOH ☐	ICE	UNPRESERVED	Cl (9056)	Moist (D2216)	pH (ASA 10-2 5)	FIELD NOTES
P-SB-42 (5-7)	01	6/17/08	10:50	S	4 oz	1				X	X	X	X	X	
P-SB-43 (5-7)	02	6/17/08	13:55												
P-SB-44 (5-7)	03	6/17/08	14:50												
P-SB-44 (9-10)	04	6/17/08	14:20												
P-SB-45 (1-2)	05	6/17/08	14:25												
P-SB-45 (5-7)	06	6/17/08	14:30												
P-SB-45 (9-10)	07	6/17/08	14:35												
P-SB-46 (5-7)	08	6/17/08	14:55												
P-SB-47 (5-7)	09	6/17/08	16:15												
P-SB-47 (9-10)	10	6/17/08	16:15												
P-SB-48 (5-7)	11	6/17/08	16:30												
P-SB-49 (5-7)	12	6/17/08	16:17												
P-SB-50 (5-7)	13	6/17/08	16:30												
P-SB-51 (5-7)	14	6/17/08	16:15												
P-SB-52 (5-7)	15	6/18/08	10:10												
TOTAL															

RELINQUISHED BY: (Signature) [signature] TRC DATE/TIME 06/20/08 10:20 RECEIVED BY: (Signature) [signature]
RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature)
RELINQUISHED BY: (Signature) DATE/TIME 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: 5.4° THERM #: 57
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☒ NOT USED
☐ CARRIER BILL # ____
☐ APC DELIVERY
☒ HAND DELIVERED

Delivery to Lab by Hand

DHL ANALYTICAL

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

№ 36879

CHAIN-OF-CUSTODY

CLIENT: TRC Environmental
ADDRESS: 505 E. Huntland Dr. Austin, TX
PHONE: 512-329-6068 FAX
DATA REPORTED TO: Matt Welore
ADDITIONAL REPORT COPIES TO:

DATE: 06/19/08 PAGE 2 OF 4
PO #: DHL WORK ORDER #: 0806139
PROJECT LOCATION OR NAME: Petronila Creek
CLIENT PROJECT #: 160557.0001 COLLECTOR: TRC

Authorize 5% surcharge for TRRP report? ☐ Yes ☐ No — Contact Matt Welore

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	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESERVED	OLM520-3IL (80-water)	MIST (012216) Soil	ICASA10-2:3 9030-water	FIELD NOTES
P-SB-53 (5-7)	16	6/18/08	10:30	S	4oz.					X	X	X	X	X	
P-SB-54 (1-2)	17	6/18/08	10:45												
P-SB-54 (9-10)	18	6/18/08	10:50												
P-SB-55 (5-7)	19	6/18/08	11:05												
P-SB-56 (5-7)	20	6/18/08	11:25												
P-SB-57 (5-7)	21	6/18/08	11:55												
P-SB-58 (5-7)	22	6/18/08	12:15												
P-SB-58 (9-10)	23	6/18/08	12:20									X	X	X	HOLD Analyze per the client 6/30/2008
P-SB-59 (5-7)	24	6/18/08	12:30												
P-SB-60 (5-7)	25	6/18/08	13:08												
P-SB-61 (1-2)	26	6/18/08	13:05									X	X	X	HOLD Analyze per the client 6/30/2008
P-SB-61 (5-7)	27	6/18/08	12:50												
P-SB-61 (9-10)	28	6/18/08	13:10										X		
P-EB-S-06-18-08-02	29	6/19/08	15:40	W	250 mL										
P-SS-14 (0-1)	30	6/18/08	16:10	S	4oz.								X		
TOTAL															

RELINQUISHED BY: (Signature) [signature] (TRC) DATE/TIME 06/20/08, 10:20 RECEIVED BY: (Signature) [signature]
RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature)
RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature)

☐ DHL DISPOSAL @ $5.00 each ☐ Return

Delivery to lab by Hand

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

LABORATORY USE ONLY: RECEIVING TEMP: 5.4° THERM #: 57
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☒ NOT USED
☐ CARRIER BILL #
☐ APC DELIVERY
☒ HAND DELIVERED

DHL ANALYTICAL

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

№ 36877

CHAIN-OF-CUSTODY

CLIENT: TRC Environmental
ADDRESS: 505 E. Huntland Dr. Austin, TX
PHONE: 512-329-6068 FAX
DATA REPORTED TO: Matt Webre
ADDITIONAL REPORT COPIES TO: —

DATE: 06/18/08 PAGE 3 OF 4
PO #: DHL WORK ORDER #: 0806139
PROJECT LOCATION OR NAME: Vetrovla Creek
CLIENT PROJECT #: 160581.0001 COLLECTOR: TRC

Authorize 5% surcharge for TRRP report? ☐ Yes ☐ No
Contact Matt Webre

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 ☐, Al (6020), Moist (D2216), EC (ASA (0-2-5))

Field Sample I.D.	DHL Lab #	Date	Time	Matrix	Container Type	# of Containers	ICE	UNPRESERVED	Al (6020)	Moist (D2216)	EC (ASA (0-2-5))	FIELD NOTES
P-SS-15 (0-1)	31	6/18/08	16:20	S	4 oz.		X	X	X	X	X	
P-SS-16 (0-1)	32	6/18/08	16:30	S	↓		↓	↓	↓	↓	↓	
P-SS-17 (2-3)	33	6/18/08	16:35	S	↓		↓	↓	↓	↓	↓	
P-SS-18 (0-1)	34	6/18/08	16:55	S	↓		↓	↓	↓	↓	↓	
P-SS-19 (1-3)	35	6/18/08	17:00	S	↓		↓	↓	↓	↓	↓	
P-SS-20 (0-1)	36	6/18/08	17:20	S	↓		↓	↓	↓	↓	↓	
P-SS-21 (0-1)	37	6/18/08	17:25	S	↓		↓	↓	↓	↓	↓	
P-SS-22 (0-1)	38	6/18/08	17:55	S	↓		↓	↓	↓	↓	↓	
P-SS-23 (0-1)	39	6/18/08	18:05	S	↓		↓	↓	↓	↓	↓	
P-SS-24 (0-1)	40	6/18/08	18:15	S	↓		↓	↓	↓	↓	↓	
P-SS-25 (0-1)	41	6/18/08	18:30	S	↓		↓	↓	↓	↓	↓	
P-SS-26 (3-4)	42	6/18/08	18:35	S	↓		↓	↓	↓	↓	↓	
P-SS-27 (0-1)	43	6/18/08	18:50	S	↓		↓	↓	↓	↓	↓	
P-SS-28 (2-3)	44	6/18/08	18:55	S	↓		↓	↓	↓	↓	↓	
P-SS-29 (0-1)	45	6/18/08	19:05	S	↓		↓	↓	↓	↓	↓	
TOTAL												

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
[signature] TRC	06/20/08 ; 10:20	[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: 5.4° THERM #: 57
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☒ NOT USED
☐ CARRIER BILL # ____
☐ APC DELIVERY
☒ HAND DELIVERED

Delivery by Hand

DHL ANALYTICAL

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

№ 36959

CHAIN-OF-CUSTODY

CLIENT: TRC Environmental
ADDRESS: 505 E. Huntland Dr.
PHONE: 512-329-6080 FAX
DATA REPORTED TO: Matt Wetzel
ADDITIONAL REPORT COPIES TO: —

DATE: 6/19/08 PAGE 4 OF 4
PO #: DHL WORK ORDER #: 0806139
PROJECT LOCATION OR NAME: Petronila Creek
CLIENT PROJECT #: 160557.0001 COLLECTOR: TRC

Authorize 5% surcharge for TRRP report? ☐ Yes ☐ No — Contact Matt Webre

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR 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 ☐ / Cl (6020) / Moist (D2216) / EC (ASA 10-2.3)

Field Sample I.D.	DHL Lab #	Date	Time	Matrix	Container Type	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESERVED	Cl (6020)	Moist (D2216)	EC (ASA 10-2.3)	FIELD NOTES
P-SS-30(1-2)	46	6/18/08	19:30	S	4oz	3				X	X	X	X	X	MS/MSD
P-SS-30(1-2)D	47	6/19/08	—	S	4oz.					X	X	X	X	X	

TOTAL

RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
M Hart TRC	6/20/08, 10:20	[signature]
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)
RELINQUISHED BY: (Signature)	DATE/TIME	RECEIVED BY: (Signature)

☐ DHL DISPOSAL @ $5.00 each ☐ Return

Delivery to lab by hand

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

LABORATORY USE ONLY:
RECEIVING TEMP: 5.4° THERM #: 57
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☒ NOT USED
☐ CARRIER BILL # ____
☐ APC DELIVERY
☒ HAND DELIVERED

DHL Analytical

Sample Receipt Checklist

Client Name TRC Environmental Corp. Date Received: 6/20/2008

Work Order Number 0806139 Received by JB

Checklist completed by: _____ 6/20/2008 Reviewed by: DL 6/20/08
Signature / Date / Initials / Date

Carrier name: Hand Delivered

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? _____ 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 _____

7

Page 1 of 1

CLIENT: TRC Environmental Corp.
Project: Petronila Creek
Lab Order: 0806139

CASE NARRATIVE

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

Method SW9056 - Anions by IC - Soil
Method E300 - Anions by IC - Water
Method Argon 10-2.3 - Electrical Conductance in Soil
Method D2216 - Percent Moisture Analysis (Parameter not NELAC Certified)
Method M2510B - Specific Conductance

LOG IN

A total of 47 samples were received and logged-in on 6/20/2008. The samples arrived in good condition and were properly packaged.

CLIENT: TRC Environmental Corp.
Project: Petronila Creek
Lab Order: 0806139

Work Order Sample Summary

Lab Smp ID	Client Sample ID	Tag Number	Date Collected	Date Recv'd
0806139-01	P-SB-42(5-7)		06/17/08 10:50 AM	06/20/08
0806139-02	P-SB-43(5-7)		06/17/08 01:55 PM	06/20/08
0806139-03	P-SB-44(5-7)		06/17/08 02:50 PM	06/20/08
0806139-04	P-SB-44(9-10)		06/17/08 02:20 PM	06/20/08
0806139-05	P-SB-45(1-2)		06/17/08 02:25 PM	06/20/08
0806139-06	P-SB-45(5-7)		06/17/08 02:30 PM	06/20/08
0806139-07	P-SB-45(9-10)		06/17/08 02:35 PM	06/20/08
0806139-08	P-SB-46(5-7)		06/17/08 02:55 PM	06/20/08
0806139-09	P-SB-47(5-7)		06/17/08 04:15 PM	06/20/08
0806139-10	P-SB-47(9-10)		06/17/08 04:15 PM	06/20/08
0806139-11	P-SB-48(5-7)		06/17/08 04:30 PM	06/20/08
0806139-12	P-SB-49(5-7)		06/17/08 04:17 PM	06/20/08
0806139-13	P-SB-50(5-7)		06/17/08 04:30 PM	06/20/08
0806139-14	P-SB-51(5-7)		06/17/08 04:15 PM	06/20/08
0806139-15	P-SB-52(5-7)		06/18/08 10:10 AM	06/20/08
0806139-16	P-SB-53(5-7)		06/18/08 10:30 AM	06/20/08
0806139-17	P-SB-54(1-2)		06/18/08 10:45 AM	06/20/08
0806139-18	P-SB-54(9-10)		06/18/08 10:50 AM	06/20/08
0806139-19	P-SB-55(5-7)		06/18/08 11:05 AM	06/20/08
0806139-20	P-SB-56(5-7)		06/18/08 11:25 AM	06/20/08
0806139-21	P-SB-57(5-7)		06/18/08 11:55 AM	06/20/08
0806139-22	P-SB-58(5-7)		06/18/08 12:15 PM	06/20/08
0806139-23	P-SB-58(9-10)		06/18/08 12:20 PM	06/20/08
0806139-24	P-SB-59(5-7)		06/18/08 12:30 PM	06/20/08
0806139-25	P-SB-60(5-7)		06/18/08 01:08 PM	06/20/08
0806139-26	P-SB-61(1-2)		06/18/08 01:05 PM	06/20/08
0806139-27	P-SB-61(5-7)		06/18/08 12:50 PM	06/20/08
0806139-28	P-SB-61(9-10)		06/18/08 01:10 PM	06/20/08
0806139-29	P-EB-S-06-18-08-02		06/19/08 03:40 PM	06/20/08
0806139-30	P-SS-14(0-1)		06/18/08 04:10 PM	06/20/08
0806139-31	P-SS-15(0-1)		06/18/08 04:20 PM	06/20/08
0806139-32	P-SS-16(0-1)		06/18/08 04:30 PM	06/20/08
0806139-33	P-SS-17(2-3)		06/18/08 04:35 PM	06/20/08
0806139-34	P-SS-18(0-1)		06/18/08 04:55 PM	06/20/08
0806139-35	P-SS-19(1-3)		06/18/08 05:00 PM	06/20/08
0806139-36	P-SS-20(0-1)		06/18/08 05:20 PM	06/20/08
0806139-37	P-SS-21(0-1)		06/18/08 05:25 PM	06/20/08

CLIENT: TRC Environmental Corp.
Project: Petronila Creek
Lab Order: 0806139

Work Order Sample Summary

Lab Smp ID	Client Sample ID	Tag Number	Date Collected	Date Recv'd
0806139-38	P-SS-22(0-1)		06/18/08 05:55 PM	06/20/08
0806139-39	P-SS-23(0-1)		06/18/08 06:05 PM	06/20/08
0806139-40	P-SS-24(0-1)		06/18/08 06:15 PM	06/20/08
0806139-41	P-SS-25(0-1)		06/18/08 06:30 PM	06/20/08
0806139-42	P-SS-26(3-4)		06/18/08 06:35 PM	06/20/08
0806139-43	P-SS-27(0-1)		06/18/08 06:50 PM	06/20/08
0806139-44	P-SS-28(2-3)		06/18/08 06:55 PM	06/20/08
0806139-45	P-SS-29(0-1)		06/18/08 07:05 PM	06/20/08
0806139-46	P-SS-30(1-2)		06/18/08 07:30 PM	06/20/08
0806139-47	P-SS-30(1-2)D		06/19/08	06/20/08

CLIENT: TRC Environmental Corp.
Project: Petronila Creek
Lab Order: 0806139

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
0806139-01A	P-SB-42(5-7)	06/17/08 10:50 AM	Soil	SW9056	Anion Prep	06/20/08 02:35 PM	30683
	P-SB-42(5-7)	06/17/08 10:50 AM	Soil	D2216	Percent Moisture	06/20/08 05:17 PM	PMOIST_080620E
	P-SB-42(5-7)	06/17/08 10:50 AM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08A
0806139-02A	P-SB-43(5-7)	06/17/08 01:55 PM	Soil	SW9056	Anion Prep	06/20/08 02:35 PM	30683
	P-SB-43(5-7)	06/17/08 01:55 PM	Soil	D2216	Percent Moisture	06/20/08 05:17 PM	PMOIST_080620E
	P-SB-43(5-7)	06/17/08 01:55 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08A
0806139-03A	P-SB-44(5-7)	06/17/08 02:50 PM	Soil	SW9056	Anion Prep	06/20/08 02:35 PM	30683
	P-SB-44(5-7)	06/17/08 02:50 PM	Soil	D2216	Percent Moisture	06/20/08 05:17 PM	PMOIST_080620E
	P-SB-44(5-7)	06/17/08 02:50 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08A
	P-SB-44(5-7)	06/17/08 02:50 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08D
0806139-04A	P-SB-44(9-10)	06/17/08 02:20 PM	Soil	SW9056	Anion Prep	06/20/08 02:35 PM	30683
	P-SB-44(9-10)	06/17/08 02:20 PM	Soil	D2216	Percent Moisture	06/20/08 05:17 PM	PMOIST_080620E
	P-SB-44(9-10)	06/17/08 02:20 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08A
	P-SB-44(9-10)	06/17/08 02:20 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08D
0806139-05A	P-SB-45(1-2)	06/17/08 02:25 PM	Soil	SW9056	Anion Prep	06/20/08 02:35 PM	30683
	P-SB-45(1-2)	06/17/08 02:25 PM	Soil	D2216	Percent Moisture	06/20/08 05:07 PM	PMOIST_080620C
	P-SB-45(1-2)	06/17/08 02:25 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08A
0806139-06A	P-SB-45(5-7)	06/17/08 02:30 PM	Soil	SW9056	Anion Prep	06/20/08 02:35 PM	30683
	P-SB-45(5-7)	06/17/08 02:30 PM	Soil	D2216	Percent Moisture	06/20/08 05:07 PM	PMOIST_080620C
	P-SB-45(5-7)	06/17/08 02:30 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08A
0806139-07A	P-SB-45(9-10)	06/17/08 02:35 PM	Soil	SW9056	Anion Prep	06/20/08 02:35 PM	30683
	P-SB-45(9-10)	06/17/08 02:35 PM	Soil	D2216	Percent Moisture	06/20/08 05:07 PM	PMOIST_080620C
	P-SB-45(9-10)	06/17/08 02:35 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08A
0806139-08A	P-SB-46(5-7)	06/17/08 02:55 PM	Soil	SW9056	Anion Prep	06/20/08 02:35 PM	30683
	P-SB-46(5-7)	06/17/08 02:55 PM	Soil	D2216	Percent Moisture	06/20/08 05:07 PM	PMOIST_080620C
	P-SB-46(5-7)	06/17/08 02:55 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08A
0806139-09A	P-SB-47(5-7)	06/17/08 04:15 PM	Soil	SW9056	Anion Prep	06/20/08 02:35 PM	30683
	P-SB-47(5-7)	06/17/08 04:15 PM	Soil	D2216	Percent Moisture	06/20/08 05:07 PM	PMOIST_080620C
	P-SB-47(5-7)	06/17/08 04:15 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08A

CLIENT: TRC Environmental Corp.
Project: Petronila Creek
Lab Order: 0806139

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
0806139-10A	P-SB-47(9-10)	06/17/08 04:15 PM	Soil	SW9056	Anion Prep	06/20/08 02:35 PM	30683
	P-SB-47(9-10)	06/17/08 04:15 PM	Soil	D2216	Percent Moisture	06/20/08 05:07 PM	PMOIST_080620C
	P-SB-47(9-10)	06/17/08 04:15 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08A
0806139-11A	P-SB-48(5-7)	06/17/08 04:30 PM	Soil	SW9056	Anion Prep	06/20/08 02:35 PM	30683
	P-SB-48(5-7)	06/17/08 04:30 PM	Soil	D2216	Percent Moisture	06/20/08 05:07 PM	PMOIST_080620C
	P-SB-48(5-7)	06/17/08 04:30 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08A
0806139-12A	P-SB-49(5-7)	06/17/08 04:17 PM	Soil	SW9056	Anion Prep	06/20/08 02:35 PM	30683
	P-SB-49(5-7)	06/17/08 04:17 PM	Soil	D2216	Percent Moisture	06/20/08 05:07 PM	PMOIST_080620C
	P-SB-49(5-7)	06/17/08 04:17 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08A
0806139-13A	P-SB-50(5-7)	06/17/08 04:30 PM	Soil	SW9056	Anion Prep	06/20/08 02:35 PM	30683
	P-SB-50(5-7)	06/17/08 04:30 PM	Soil	D2216	Percent Moisture	06/20/08 05:07 PM	PMOIST_080620C
	P-SB-50(5-7)	06/17/08 04:30 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08A
0806139-14A	P-SB-51(5-7)	06/17/08 04:15 PM	Soil	SW9056	Anion Prep	06/20/08 02:35 PM	30683
	P-SB-51(5-7)	06/17/08 04:15 PM	Soil	D2216	Percent Moisture	06/20/08 05:07 PM	PMOIST_080620C
	P-SB-51(5-7)	06/17/08 04:15 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08A
0806139-15A	P-SB-52(5-7)	06/18/08 10:10 AM	Soil	SW9056	Anion Prep	06/20/08 02:35 PM	30683
	P-SB-52(5-7)	06/18/08 10:10 AM	Soil	D2216	Percent Moisture	06/20/08 05:07 PM	PMOIST_080620C
	P-SB-52(5-7)	06/18/08 10:10 AM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08A
0806139-16A	P-SB-53(5-7)	06/18/08 10:30 AM	Soil	SW9056	Anion Prep	06/20/08 02:35 PM	30683
	P-SB-53(5-7)	06/18/08 10:30 AM	Soil	D2216	Percent Moisture	06/20/08 05:30 PM	PMOIST_080620D
	P-SB-53(5-7)	06/18/08 10:30 AM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08A
0806139-17A	P-SB-54(1-2)	06/18/08 10:45 AM	Soil	SW9056	Anion Prep	06/20/08 02:35 PM	30683
	P-SB-54(1-2)	06/18/08 10:45 AM	Soil	D2216	Percent Moisture	06/20/08 05:07 PM	PMOIST_080620C
	P-SB-54(1-2)	06/18/08 10:45 AM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08A
0806139-18A	P-SB-54(9-10)	06/18/08 10:50 AM	Soil	SW9056	Anion Prep	06/20/08 02:35 PM	30683
	P-SB-54(9-10)	06/18/08 10:50 AM	Soil	D2216	Percent Moisture	06/20/08 05:07 PM	PMOIST_080620C
	P-SB-54(9-10)	06/18/08 10:50 AM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08A
0806139-19A	P-SB-55(5-7)	06/18/08 11:05 AM	Soil	SW9056	Anion Prep	06/20/08 02:35 PM	30683
	P-SB-55(5-7)	06/18/08 11:05 AM	Soil	D2216	Percent Moisture	06/20/08 05:07 PM	PMOIST_080620C

CLIENT: TRC Environmental Corp.
Project: Petronila Creek
Lab Order: 0806139

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
	P-SB-55(5-7)	06/18/08 11:05 AM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08A
0806139-20A	P-SB-56(5-7)	06/18/08 11:25 AM	Soil	SW9056	Anion Prep	06/20/08 02:35 PM	30683
	P-SB-56(5-7)	06/18/08 11:25 AM	Soil	D2216	Percent Moisture	06/20/08 05:07 PM	PMOIST_080620C
	P-SB-56(5-7)	06/18/08 11:25 AM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08A
0806139-21A	P-SB-57(5-7)	06/18/08 11:55 AM	Soil	SW9056	Anion Prep	06/20/08 02:36 PM	30684
	P-SB-57(5-7)	06/18/08 11:55 AM	Soil	D2216	Percent Moisture	06/20/08 05:07 PM	PMOIST_080620C
	P-SB-57(5-7)	06/18/08 11:55 AM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08B
0806139-22A	P-SB-58(5-7)	06/18/08 12:15 PM	Soil	SW9056	Anion Prep	06/20/08 02:36 PM	30684
	P-SB-58(5-7)	06/18/08 12:15 PM	Soil	D2216	Percent Moisture	06/20/08 05:07 PM	PMOIST_080620C
	P-SB-58(5-7)	06/18/08 12:15 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08B
0806139-23A	P-SB-58(9-10)	06/18/08 12:20 PM	Soil	SW9056	Anion Prep	06/30/08 02:00 PM	30781
	P-SB-58(9-10)	06/18/08 12:20 PM	Soil	D2216	Percent Moisture	06/30/08 05:15 PM	PMOIST_080630D
	P-SB-58(9-10)	06/18/08 12:20 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	07/02/08	CONDW-07/02/08
0806139-24A	P-SB-59(5-7)	06/18/08 12:30 PM	Soil	SW9056	Anion Prep	06/20/08 02:36 PM	30684
	P-SB-59(5-7)	06/18/08 12:30 PM	Soil	D2216	Percent Moisture	06/20/08 05:07 PM	PMOIST_080620C
	P-SB-59(5-7)	06/18/08 12:30 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08B
0806139-25A	P-SB-60(5-7)	06/18/08 01:08 PM	Soil	SW9056	Anion Prep	06/20/08 02:36 PM	30684
	P-SB-60(5-7)	06/18/08 01:08 PM	Soil	D2216	Percent Moisture	06/20/08 05:07 PM	PMOIST_080620C
	P-SB-60(5-7)	06/18/08 01:08 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08B
0806139-26A	P-SB-61(1-2)	06/18/08 01:05 PM	Soil	SW9056	Anion Prep	06/30/08 02:00 PM	30781
	P-SB-61(1-2)	06/18/08 01:05 PM	Soil	D2216	Percent Moisture	06/30/08 05:15 PM	PMOIST_080630D
	P-SB-61(1-2)	06/18/08 01:05 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	07/02/08	CONDW-07/02/08
0806139-27A	P-SB-61(5-7)	06/18/08 12:50 PM	Soil	SW9056	Anion Prep	06/20/08 02:36 PM	30684
	P-SB-61(5-7)	06/18/08 12:50 PM	Soil	D2216	Percent Moisture	06/20/08 03:00 PM	PMOIST_080620B
	P-SB-61(5-7)	06/18/08 12:50 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08B
0806139-28A	P-SB-61(9-10)	06/18/08 01:10 PM	Soil	SW9056	Anion Prep	06/20/08 02:36 PM	30684
	P-SB-61(9-10)	06/18/08 01:10 PM	Soil	D2216	Percent Moisture	06/20/08 03:00 PM	PMOIST_080620B
	P-SB-61(9-10)	06/18/08 01:10 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08B
0806139-29A	P-EB-S-06-18-08-02	06/19/08 03:40 PM	Aqueous	E300	Anions by IC method - Water	06/24/08	R38243

CLIENT: TRC Environmental Corp.
Project: Petronila Creek
Lab Order: 0806139

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
	P-EB-S-06-18-08-02	06/19/08 03:40 PM	Aqueous	M2510 B	Specific Conductance	06/20/08	CONDW-06/20/08
0806139-30A	P-SS-14(0-1)	06/18/08 04:10 PM	Soil	SW9056	Anion Prep	06/20/08 02:36 PM	30684
	P-SS-14(0-1)	06/18/08 04:10 PM	Soil	D2216	Percent Moisture	06/20/08 03:00 PM	PMOIST_080620B
	P-SS-14(0-1)	06/18/08 04:10 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08B
	P-SS-14(0-1)	06/18/08 04:10 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08D
0806139-31A	P-SS-15(0-1)	06/18/08 04:20 PM	Soil	SW9056	Anion Prep	06/20/08 02:36 PM	30684
	P-SS-15(0-1)	06/18/08 04:20 PM	Soil	D2216	Percent Moisture	06/20/08 03:00 PM	PMOIST_080620B
	P-SS-15(0-1)	06/18/08 04:20 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08B
	P-SS-15(0-1)	06/18/08 04:20 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08D
	P-SS-15(0-1)	06/18/08 04:20 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	07/10/09	CONDS-07/10/09
0806139-32A	P-SS-16(0-1)	06/18/08 04:30 PM	Soil	SW9056	Anion Prep	06/20/08 02:36 PM	30684
	P-SS-16(0-1)	06/18/08 04:30 PM	Soil	D2216	Percent Moisture	06/20/08 03:00 PM	PMOIST_080620B
	P-SS-16(0-1)	06/18/08 04:30 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08B
	P-SS-16(0-1)	06/18/08 04:30 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08D
0806139-33A	P-SS-17(2-3)	06/18/08 04:35 PM	Soil	SW9056	Anion Prep	06/20/08 02:36 PM	30684
	P-SS-17(2-3)	06/18/08 04:35 PM	Soil	D2216	Percent Moisture	06/20/08 03:00 PM	PMOIST_080620B
	P-SS-17(2-3)	06/18/08 04:35 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08B
0806139-34A	P-SS-18(0-1)	06/18/08 04:55 PM	Soil	SW9056	Anion Prep	06/20/08 02:36 PM	30684
	P-SS-18(0-1)	06/18/08 04:55 PM	Soil	D2216	Percent Moisture	06/20/08 03:00 PM	PMOIST_080620B
	P-SS-18(0-1)	06/18/08 04:55 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08B
	P-SS-18(0-1)	06/18/08 04:55 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08D
	P-SS-18(0-1)	06/18/08 04:55 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	07/10/09	CONDS-07/10/09
0806139-35A	P-SS-19(1-3)	06/18/08 05:00 PM	Soil	SW9056	Anion Prep	06/20/08 02:36 PM	30684
	P-SS-19(1-3)	06/18/08 05:00 PM	Soil	D2216	Percent Moisture	06/20/08 03:00 PM	PMOIST_080620B
	P-SS-19(1-3)	06/18/08 05:00 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08B
0806139-36A	P-SS-20(0-1)	06/18/08 05:20 PM	Soil	SW9056	Anion Prep	06/20/08 02:36 PM	30684
	P-SS-20(0-1)	06/18/08 05:20 PM	Soil	SW9056	Anion Prep	06/20/08 02:36 PM	30684
	P-SS-20(0-1)	06/18/08 05:20 PM	Soil	D2216	Percent Moisture	06/20/08 03:00 PM	PMOIST_080620B
	P-SS-20(0-1)	06/18/08 05:20 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08B

CLIENT: TRC Environmental Corp.
Project: Petronila Creek
Lab Order: 0806139

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
	P-SS-20(0-1)	06/18/08 05:20 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08D
	P-SS-20(0-1)	06/18/08 05:20 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	07/10/09	CONDS-07/10/09
0806139-37A	P-SS-21(0-1)	06/18/08 05:25 PM	Soil	SW9056	Anion Prep	06/20/08 02:36 PM	30684
	P-SS-21(0-1)	06/18/08 05:25 PM	Soil	SW9056	Anion Prep	06/20/08 02:36 PM	30684
	P-SS-21(0-1)	06/18/08 05:25 PM	Soil	D2216	Percent Moisture	06/20/08 03:00 PM	PMOIST_080620B
	P-SS-21(0-1)	06/18/08 05:25 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08B
	P-SS-21(0-1)	06/18/08 05:25 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08D
	P-SS-21(0-1)	06/18/08 05:25 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	07/10/09	CONDS-07/10/09
0806139-38A	P-SS-22(0-1)	06/18/08 05:55 PM	Soil	SW9056	Anion Prep	06/20/08 02:36 PM	30684
	P-SS-22(0-1)	06/18/08 05:55 PM	Soil	D2216	Percent Moisture	06/20/08 03:00 PM	PMOIST_080620B
	P-SS-22(0-1)	06/18/08 05:55 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08B
0806139-39A	P-SS-23(0-1)	06/18/08 06:05 PM	Soil	SW9056	Anion Prep	06/20/08 02:36 PM	30684
	P-SS-23(0-1)	06/18/08 06:05 PM	Soil	D2216	Percent Moisture	06/20/08 03:00 PM	PMOIST_080620B
	P-SS-23(0-1)	06/18/08 06:05 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08B
	P-SS-23(0-1)	06/18/08 06:05 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08D
0806139-40A	P-SS-24(0-1)	06/18/08 06:15 PM	Soil	SW9056	Anion Prep	06/20/08 02:36 PM	30684
	P-SS-24(0-1)	06/18/08 06:15 PM	Soil	D2216	Percent Moisture	06/20/08 03:00 PM	PMOIST_080620B
	P-SS-24(0-1)	06/18/08 06:15 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08B
	P-SS-24(0-1)	06/18/08 06:15 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08D
0806139-41A	P-SS-25(0-1)	06/18/08 06:30 PM	Soil	SW9056	Anion Prep	06/20/08 02:36 PM	30684
	P-SS-25(0-1)	06/18/08 06:30 PM	Soil	D2216	Percent Moisture	06/20/08 03:00 PM	PMOIST_080620B
	P-SS-25(0-1)	06/18/08 06:30 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08B
	P-SS-25(0-1)	06/18/08 06:30 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08D
0806139-42A	P-SS-26(3-4)	06/18/08 06:35 PM	Soil	SW9056	Anion Prep	06/20/08 02:36 PM	30684
	P-SS-26(3-4)	06/18/08 06:35 PM	Soil	D2216	Percent Moisture	06/20/08 03:00 PM	PMOIST_080620B
	P-SS-26(3-4)	06/18/08 06:35 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08B
0806139-43A	P-SS-27(0-1)	06/18/08 06:50 PM	Soil	SW9056	Anion Prep	06/20/08 02:36 PM	30684
	P-SS-27(0-1)	06/18/08 06:50 PM	Soil	D2216	Percent Moisture	06/20/08 03:00 PM	PMOIST_080620B
	P-SS-27(0-1)	06/18/08 06:50 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08B

CLIENT: TRC Environmental Corp.
Project: Petronila Creek
Lab Order: 0806139

PREP DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Number	Test Name	Prep Date	Batch ID
	P-SS-27(0-1)	06/18/08 06:50 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08D
	P-SS-27(0-1)	06/18/08 06:50 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	07/10/09	CONDS-07/10/09
0806139-44A	P-SS-28(2-3)	06/18/08 06:55 PM	Soil	SW9056	Anion Prep	06/25/08 03:53 PM	30721
	P-SS-28(2-3)	06/18/08 06:55 PM	Soil	D2216	Percent Moisture	06/20/08 03:00 PM	PMOIST_080620B
	P-SS-28(2-3)	06/18/08 06:55 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08C
0806139-45A	P-SS-29(0-1)	06/18/08 07:05 PM	Soil	SW9056	Anion Prep	06/25/08 03:53 PM	30721
	P-SS-29(0-1)	06/18/08 07:05 PM	Soil	D2216	Percent Moisture	06/20/08 03:00 PM	PMOIST_080620B
	P-SS-29(0-1)	06/18/08 07:05 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08C
	P-SS-29(0-1)	06/18/08 07:05 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/24/08	CONDS-06/24/08D
0806139-46A	P-SS-30(1-2)	06/18/08 07:30 PM	Soil	SW9056	Anion Prep	06/25/08 03:53 PM	30721
	P-SS-30(1-2)	06/18/08 07:30 PM	Soil	SW9056	Anion Prep	06/25/08 03:53 PM	30721
	P-SS-30(1-2)	06/18/08 07:30 PM	Soil	D2216	Percent Moisture	06/20/08 03:00 PM	PMOIST_080620B
	P-SS-30(1-2)	06/18/08 07:30 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08C
	P-SS-30(1-2)	06/18/08 07:30 PM	Soil	Agron 10-2.3	Electrical Conductance in Soil	07/14/08	CONDW-07/14/08
0806139-47A	P-SS-30(1-2)D	06/19/08	Soil	SW9056	Anion Prep	06/25/08 03:53 PM	30721
	P-SS-30(1-2)D	06/19/08	Soil	SW9056	Anion Prep	06/25/08 03:53 PM	30721
	P-SS-30(1-2)D	06/19/08	Soil	D2216	Percent Moisture	06/20/08 03:00 PM	PMOIST_080620B
	P-SS-30(1-2)D	06/19/08	Soil	Agron 10-2.3	Electrical Conductance in Soil	06/23/08	CONDS-06/23/08C
	P-SS-30(1-2)D	06/19/08	Soil	Agron 10-2.3	Electrical Conductance in Soil	07/14/08	CONDW-07/14/08

CLIENT: TRC Environmental Corp.
Project: Petronila Creek
Lab Order: 0806139

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
0806139-01A	P-SB-42(5-7)	Soil	SW9056	Anions by IC method - Soil	30683	10	06/23/08 03:10 PM	IC2_080623A
	P-SB-42(5-7)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08A	1	06/23/08 01:20 PM	WC_080623A
	P-SB-42(5-7)	Soil	D2216	Percent Moisture	PMOIST_080620E	1	06/23/08 08:55 AM	PMOIST_080620E
0806139-02A	P-SB-43(5-7)	Soil	SW9056	Anions by IC method - Soil	30683	20	06/24/08 11:57 AM	IC2_080623A
	P-SB-43(5-7)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08A	1	06/23/08 01:20 PM	WC_080623A
	P-SB-43(5-7)	Soil	D2216	Percent Moisture	PMOIST_080620E	1	06/23/08 08:55 AM	PMOIST_080620E
0806139-03A	P-SB-44(5-7)	Soil	SW9056	Anions by IC method - Soil	30683	50	06/24/08 12:12 PM	IC2_080623A
	P-SB-44(5-7)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08A	1	06/23/08 01:20 PM	WC_080623A
	P-SB-44(5-7)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08D	5	06/24/08 01:20 PM	WC_080623A
	P-SB-44(5-7)	Soil	D2216	Percent Moisture	PMOIST_080620E	1	06/23/08 08:55 AM	PMOIST_080620E
0806139-04A	P-SB-44(9-10)	Soil	SW9056	Anions by IC method - Soil	30683	50	06/24/08 12:27 PM	IC2_080623A
	P-SB-44(9-10)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08A	1	06/23/08 01:20 PM	WC_080623A
	P-SB-44(9-10)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08D	5	06/24/08 01:20 PM	WC_080623A
	P-SB-44(9-10)	Soil	D2216	Percent Moisture	PMOIST_080620E	1	06/23/08 08:55 AM	PMOIST_080620E
0806139-05A	P-SB-45(1-2)	Soil	SW9056	Anions by IC method - Soil	30683	5	06/24/08 12:41 PM	IC2_080623A
	P-SB-45(1-2)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08A	1	06/23/08 01:20 PM	WC_080623A
	P-SB-45(1-2)	Soil	D2216	Percent Moisture	PMOIST_080620C	1	06/23/08 09:00 AM	PMOIST_080620C
0806139-06A	P-SB-45(5-7)	Soil	SW9056	Anions by IC method - Soil	30683	20	06/23/08 04:44 PM	IC2_080623A
	P-SB-45(5-7)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08A	1	06/23/08 01:20 PM	WC_080623A
	P-SB-45(5-7)	Soil	D2216	Percent Moisture	PMOIST_080620C	1	06/23/08 09:00 AM	PMOIST_080620C
0806139-07A	P-SB-45(9-10)	Soil	SW9056	Anions by IC method - Soil	30683	20	06/23/08 04:58 PM	IC2_080623A
	P-SB-45(9-10)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08A	1	06/23/08 01:20 PM	WC_080623A
	P-SB-45(9-10)	Soil	D2216	Percent Moisture	PMOIST_080620C	1	06/23/08 09:00 AM	PMOIST_080620C
0806139-08A	P-SB-46(5-7)	Soil	SW9056	Anions by IC method - Soil	30683	20	06/23/08 05:13 PM	IC2_080623A
	P-SB-46(5-7)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08A	1	06/23/08 01:20 PM	WC_080623A
	P-SB-46(5-7)	Soil	D2216	Percent Moisture	PMOIST_080620C	1	06/23/08 09:00 AM	PMOIST_080620C
0806139-09A	P-SB-47(5-7)	Soil	SW9056	Anions by IC method - Soil	30683	20	06/23/08 05:28 PM	IC2_080623A
	P-SB-47(5-7)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08A	1	06/23/08 01:20 PM	WC_080623A
	P-SB-47(5-7)	Soil	D2216	Percent Moisture	PMOIST_080620C	1	06/23/08 09:00 AM	PMOIST_080620C

CLIENT: TRC Environmental Corp.
Project: Petronila Creek
Lab Order: 0806139

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
0806139-10A	P-SB-47(9-10)	Soil	SW9056	Anions by IC method - Soil	30683	20	06/23/08 05:42 PM	IC2_080623A
	P-SB-47(9-10)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08A	1	06/23/08 01:20 PM	WC_080623A
	P-SB-47(9-10)	Soil	D2216	Percent Moisture	PMOIST_080620C	1	06/23/08 09:00 AM	PMOIST_080620C
0806139-11A	P-SB-48(5-7)	Soil	SW9056	Anions by IC method - Soil	30683	20	06/23/08 05:57 PM	IC2_080623A
	P-SB-48(5-7)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08A	1	06/23/08 01:20 PM	WC_080623A
	P-SB-48(5-7)	Soil	D2216	Percent Moisture	PMOIST_080620C	1	06/23/08 09:00 AM	PMOIST_080620C
0806139-12A	P-SB-49(5-7)	Soil	SW9056	Anions by IC method - Soil	30683	20	06/23/08 06:12 PM	IC2_080623A
	P-SB-49(5-7)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08A	1	06/23/08 01:20 PM	WC_080623A
	P-SB-49(5-7)	Soil	D2216	Percent Moisture	PMOIST_080620C	1	06/23/08 09:00 AM	PMOIST_080620C
0806139-13A	P-SB-50(5-7)	Soil	SW9056	Anions by IC method - Soil	30683	20	06/23/08 06:26 PM	IC2_080623A
	P-SB-50(5-7)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08A	1	06/23/08 01:20 PM	WC_080623A
	P-SB-50(5-7)	Soil	D2216	Percent Moisture	PMOIST_080620C	1	06/23/08 09:00 AM	PMOIST_080620C
0806139-14A	P-SB-51(5-7)	Soil	SW9056	Anions by IC method - Soil	30683	20	06/23/08 06:41 PM	IC2_080623A
	P-SB-51(5-7)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08A	1	06/23/08 01:20 PM	WC_080623A
	P-SB-51(5-7)	Soil	D2216	Percent Moisture	PMOIST_080620C	1	06/23/08 09:00 AM	PMOIST_080620C
0806139-15A	P-SB-52(5-7)	Soil	SW9056	Anions by IC method - Soil	30683	10	06/24/08 12:56 PM	IC2_080623A
	P-SB-52(5-7)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08A	1	06/23/08 01:20 PM	WC_080623A
	P-SB-52(5-7)	Soil	D2216	Percent Moisture	PMOIST_080620C	1	06/23/08 09:00 AM	PMOIST_080620C
0806139-16A	P-SB-53(5-7)	Soil	SW9056	Anions by IC method - Soil	30683	10	06/24/08 01:40 PM	IC2_080623A
	P-SB-53(5-7)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08A	1	06/23/08 01:20 PM	WC_080623A
	P-SB-53(5-7)	Soil	D2216	Percent Moisture	PMOIST_080620D	1	06/23/08 08:45 AM	PMOIST_080620D
0806139-17A	P-SB-54(1-2)	Soil	SW9056	Anions by IC method - Soil	30683	20	06/23/08 07:40 PM	IC2_080623A
	P-SB-54(1-2)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08A	1	06/23/08 01:20 PM	WC_080623A
	P-SB-54(1-2)	Soil	D2216	Percent Moisture	PMOIST_080620C	1	06/23/08 09:00 AM	PMOIST_080620C
0806139-18A	P-SB-54(9-10)	Soil	SW9056	Anions by IC method - Soil	30683	20	06/23/08 07:54 PM	IC2_080623A
	P-SB-54(9-10)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08A	1	06/23/08 01:20 PM	WC_080623A
	P-SB-54(9-10)	Soil	D2216	Percent Moisture	PMOIST_080620C	1	06/23/08 09:00 AM	PMOIST_080620C
0806139-19A	P-SB-55(5-7)	Soil	SW9056	Anions by IC method - Soil	30683	20	06/23/08 08:09 PM	IC2_080623A
	P-SB-55(5-7)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08A	1	06/23/08 01:20 PM	WC_080623A

CLIENT: TRC Environmental Corp.
Project: Petronila Creek
Lab Order: 0806139

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
	P-SB-55(5-7)	Soil	D2216	Percent Moisture	PMOIST_080620C	1	06/23/08 09:00 AM	PMOIST_080620C
0806139-20A	P-SB-56(5-7)	Soil	SW9056	Anions by IC method - Soil	30683	20	06/23/08 08:24 PM	IC2_080623A
	P-SB-56(5-7)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08A	1	06/23/08 01:20 PM	WC_080623A
	P-SB-56(5-7)	Soil	D2216	Percent Moisture	PMOIST_080620C	1	06/23/08 09:00 AM	PMOIST_080620C
0806139-21A	P-SB-57(5-7)	Soil	SW9056	Anions by IC method - Soil	30684	20	06/24/08 03:24 PM	IC2_080624B
	P-SB-57(5-7)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08B	1	06/23/08 03:00 PM	WC_080623A
	P-SB-57(5-7)	Soil	D2216	Percent Moisture	PMOIST_080620C	1	06/23/08 09:00 AM	PMOIST_080620C
0806139-22A	P-SB-58(5-7)	Soil	SW9056	Anions by IC method - Soil	30684	20	06/24/08 03:38 PM	IC2_080624B
	P-SB-58(5-7)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08B	1	06/23/08 03:00 PM	WC_080623A
	P-SB-58(5-7)	Soil	D2216	Percent Moisture	PMOIST_080620C	1	06/23/08 09:00 AM	PMOIST_080620C
0806139-23A	P-SB-58(9-10)	Soil	SW9056	Anions by IC method - Soil	30781	20	07/08/08 12:26 PM	IC2_080707B
	P-SB-58(9-10)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDW-07/02/08	1	07/02/08 11:00 AM	WC_080702C
	P-SB-58(9-10)	Soil	D2216	Percent Moisture	PMOIST_080630D	1	07/01/08 09:45 AM	PMOIST_080630D
0806139-24A	P-SB-59(5-7)	Soil	SW9056	Anions by IC method - Soil	30684	20	06/24/08 03:53 PM	IC2_080624B
	P-SB-59(5-7)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08B	1	06/23/08 03:00 PM	WC_080623A
	P-SB-59(5-7)	Soil	D2216	Percent Moisture	PMOIST_080620C	1	06/23/08 09:00 AM	PMOIST_080620C
0806139-25A	P-SB-60(5-7)	Soil	SW9056	Anions by IC method - Soil	30684	2	06/24/08 04:57 PM	IC2_080624B
	P-SB-60(5-7)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08B	1	06/23/08 03:00 PM	WC_080623A
	P-SB-60(5-7)	Soil	D2216	Percent Moisture	PMOIST_080620C	1	06/23/08 09:00 AM	PMOIST_080620C
0806139-26A	P-SB-61(1-2)	Soil	SW9056	Anions by IC method - Soil	30781	1	07/07/08 06:58 PM	IC2_080707B
	P-SB-61(1-2)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDW-07/02/08	1	07/02/08 11:00 AM	WC_080702C
	P-SB-61(1-2)	Soil	D2216	Percent Moisture	PMOIST_080630D	1	07/01/08 09:45 AM	PMOIST_080630D
0806139-27A	P-SB-61(5-7)	Soil	SW9056	Anions by IC method - Soil	30684	10	06/25/08 01:55 PM	IC2_080624B
	P-SB-61(5-7)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08B	1	06/23/08 03:00 PM	WC_080623A
	P-SB-61(5-7)	Soil	D2216	Percent Moisture	PMOIST_080620B	1	06/23/08 09:30 AM	PMOIST_080620B
0806139-28A	P-SB-61(9-10)	Soil	SW9056	Anions by IC method - Soil	30684	1	06/25/08 03:37 PM	IC2_080624B
	P-SB-61(9-10)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08B	1	06/23/08 03:00 PM	WC_080623A
	P-SB-61(9-10)	Soil	D2216	Percent Moisture	PMOIST_080620B	1	06/23/08 09:30 AM	PMOIST_080620B
0806139-29A	P-EB-S-06-18-08-02	Aqueous	E300	Anions by IC method - Water	R38243	1	06/24/08 03:41 PM	IC_080624A

CLIENT: TRC Environmental Corp.
Project: Petronila Creek
Lab Order: 0806139

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
	P-EB-S-06-18-08-02	Aqueous	M2510 B	Specific Conductance	CONDW-06/20/08	1	06/20/08 04:30 PM	WC_080620B
0806139-30A	P-SS-14(0-1)	Soil	SW9056	Anions by IC method - Soil	30684	50	06/25/08 02:10 PM	IC2_080624B
	P-SS-14(0-1)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08B	1	06/23/08 03:00 PM	WC_080623A
	P-SS-14(0-1)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08D	5	06/24/08 01:20 PM	WC_080623A
	P-SS-14(0-1)	Soil	D2216	Percent Moisture	PMOIST_080620B	1	06/23/08 09:30 AM	PMOIST_080620B
0806139-31A	P-SS-15(0-1)	Soil	SW9056	Anions by IC method - Soil	30684	200	06/26/08 01:07 PM	IC2_080624B
	P-SS-15(0-1)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08B	1	06/23/08 03:00 PM	WC_080623A
	P-SS-15(0-1)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08D	5	06/24/08 01:20 PM	WC_080623A
	P-SS-15(0-1)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-07/10/09	25	07/10/09 11:05 AM	WC_080710A
	P-SS-15(0-1)	Soil	D2216	Percent Moisture	PMOIST_080620B	1	06/23/08 09:30 AM	PMOIST_080620B
0806139-32A	P-SS-16(0-1)	Soil	SW9056	Anions by IC method - Soil	30684	500	06/26/08 02:37 PM	IC2_080624B
	P-SS-16(0-1)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08B	1	06/23/08 03:00 PM	WC_080623A
	P-SS-16(0-1)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08D	25	06/24/08 01:20 PM	WC_080623A
	P-SS-16(0-1)	Soil	D2216	Percent Moisture	PMOIST_080620B	1	06/23/08 09:30 AM	PMOIST_080620B
0806139-33A	P-SS-17(2-3)	Soil	SW9056	Anions by IC method - Soil	30684	20	06/25/08 02:54 PM	IC2_080624B
	P-SS-17(2-3)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08B	1	06/23/08 03:00 PM	WC_080623A
	P-SS-17(2-3)	Soil	D2216	Percent Moisture	PMOIST_080620B	1	06/23/08 09:30 AM	PMOIST_080620B
0806139-34A	P-SS-18(0-1)	Soil	SW9056	Anions by IC method - Soil	30684	500	06/25/08 06:47 PM	IC2_080624B
	P-SS-18(0-1)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08B	1	06/23/08 03:00 PM	WC_080623A
	P-SS-18(0-1)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08D	25	06/24/08 01:20 PM	WC_080623A
	P-SS-18(0-1)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-07/10/09	25	07/10/09 11:05 AM	WC_080710A
	P-SS-18(0-1)	Soil	D2216	Percent Moisture	PMOIST_080620B	1	06/23/08 09:30 AM	PMOIST_080620B
0806139-35A	P-SS-19(1-3)	Soil	SW9056	Anions by IC method - Soil	30684	20	06/25/08 03:09 PM	IC2_080624B
	P-SS-19(1-3)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08B	1	06/23/08 03:00 PM	WC_080623A
	P-SS-19(1-3)	Soil	D2216	Percent Moisture	PMOIST_080620B	1	06/23/08 09:30 AM	PMOIST_080620B
0806139-36A	P-SS-20(0-1)	Soil	SW9056	Anions by IC method - Soil	30684	200	06/26/08 01:53 PM	IC2_080624B
	P-SS-20(0-1)	Soil	SW9056	Anions by IC method - Soil	30684	200	07/10/08 05:50 PM	IC2_080710B
	P-SS-20(0-1)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08B	1	06/23/08 03:00 PM	WC_080623A
	P-SS-20(0-1)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08D	5	06/24/08 01:20 PM	WC_080623A

CLIENT: TRC Environmental Corp.
Project: Petronila Creek
Lab Order: 0806139

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
	P-SS-20(0-1)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-07/10/09	25	07/10/09 11:05 AM	WC_080710A
	P-SS-20(0-1)	Soil	D2216	Percent Moisture	PMOIST_080620B	1	06/23/08 09:30 AM	PMOIST_080620B
0806139-37A	P-SS-21(0-1)	Soil	SW9056	Anions by IC method - Soil	30684	10	06/24/08 07:38 PM	IC2_080624B
	P-SS-21(0-1)	Soil	SW9056	Anions by IC method - Soil	30684	200	07/10/08 06:04 PM	IC2_080710B
	P-SS-21(0-1)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08B	1	06/23/08 03:00 PM	WC_080623A
	P-SS-21(0-1)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08D	25	06/24/08 01:20 PM	WC_080623A
	P-SS-21(0-1)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-07/10/09	25	07/10/09 11:05 AM	WC_080710A
	P-SS-21(0-1)	Soil	D2216	Percent Moisture	PMOIST_080620B	1	06/23/08 09:30 AM	PMOIST_080620B
0806139-38A	P-SS-22(0-1)	Soil	SW9056	Anions by IC method - Soil	30684	50	06/25/08 05:04 PM	IC2_080624B
	P-SS-22(0-1)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08B	1	06/23/08 03:00 PM	WC_080623A
	P-SS-22(0-1)	Soil	D2216	Percent Moisture	PMOIST_080620B	1	06/23/08 09:30 AM	PMOIST_080620B
0806139-39A	P-SS-23(0-1)	Soil	SW9056	Anions by IC method - Soil	30684	50	06/25/08 05:19 PM	IC2_080624B
	P-SS-23(0-1)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08B	1	06/23/08 03:00 PM	WC_080623A
	P-SS-23(0-1)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08D	5	06/24/08 01:20 PM	WC_080623A
	P-SS-23(0-1)	Soil	D2216	Percent Moisture	PMOIST_080620B	1	06/23/08 09:30 AM	PMOIST_080620B
0806139-40A	P-SS-24(0-1)	Soil	SW9056	Anions by IC method - Soil	30684	50	06/25/08 05:33 PM	IC2_080624B
	P-SS-24(0-1)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08B	1	06/23/08 03:00 PM	WC_080623A
	P-SS-24(0-1)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08D	5	06/24/08 01:20 PM	WC_080623A
	P-SS-24(0-1)	Soil	D2216	Percent Moisture	PMOIST_080620B	1	06/23/08 09:30 AM	PMOIST_080620B
0806139-41A	P-SS-25(0-1)	Soil	SW9056	Anions by IC method - Soil	30684	50	06/25/08 05:48 PM	IC2_080624B
	P-SS-25(0-1)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08B	1	06/23/08 03:00 PM	WC_080623A
	P-SS-25(0-1)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08D	5	06/24/08 01:20 PM	WC_080623A
	P-SS-25(0-1)	Soil	D2216	Percent Moisture	PMOIST_080620B	1	06/23/08 09:30 AM	PMOIST_080620B
0806139-42A	P-SS-26(3-4)	Soil	SW9056	Anions by IC method - Soil	30684	20	06/26/08 12:23 PM	IC2_080624B
	P-SS-26(3-4)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08B	1	06/23/08 03:00 PM	WC_080623A
	P-SS-26(3-4)	Soil	D2216	Percent Moisture	PMOIST_080620B	1	06/23/08 09:30 AM	PMOIST_080620B
0806139-43A	P-SS-27(0-1)	Soil	SW9056	Anions by IC method - Soil	30684	200	06/26/08 02:08 PM	IC2_080624B
	P-SS-27(0-1)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08B	1	06/23/08 03:00 PM	WC_080623A
	P-SS-27(0-1)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08D	5	06/24/08 01:20 PM	WC_080623A

CLIENT: TRC Environmental Corp.
Project: Petronila Creek
Lab Order: 0806139

ANALYTICAL DATES REPORT

Sample ID	Client Sample ID	Matrix	Test Number	Test Name	Batch ID	Dilution	Analysis Date	Run ID
	P-SS-27(0-1)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-07/10/09	25	07/10/09 11:05 AM	WC_080710A
	P-SS-27(0-1)	Soil	D2216	Percent Moisture	PMOIST_080620B	1	06/23/08 09:30 AM	PMOIST_080620B
0806139-44A	P-SS-28(2-3)	Soil	SW9056	Anions by IC method - Soil	30721	50	06/26/08 05:15 PM	IC2_080626A
	P-SS-28(2-3)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08C	1	06/23/08 04:00 PM	WC_080623A
	P-SS-28(2-3)	Soil	D2216	Percent Moisture	PMOIST_080620B	1	06/23/08 09:30 AM	PMOIST_080620B
0806139-45A	P-SS-29(0-1)	Soil	SW9056	Anions by IC method - Soil	30721	100	06/27/08 11:31 AM	IC2_080626A
	P-SS-29(0-1)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08C	1	06/23/08 04:00 PM	WC_080623A
	P-SS-29(0-1)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/24/08D	5	06/24/08 01:20 PM	WC_080623A
	P-SS-29(0-1)	Soil	D2216	Percent Moisture	PMOIST_080620B	1	06/23/08 09:30 AM	PMOIST_080620B
0806139-46A	P-SS-30(1-2)	Soil	SW9056	Anions by IC method - Soil	30721	50	06/26/08 05:44 PM	IC2_080626A
	P-SS-30(1-2)	Soil	SW9056	Anions by IC method - Soil	30721	50	07/10/08 06:19 PM	IC2_080710B
	P-SS-30(1-2)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08C	1	06/23/08 04:00 PM	WC_080623A
	P-SS-30(1-2)	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDW-07/14/08	1	07/14/08 04:30 PM	WC_080714A
	P-SS-30(1-2)	Soil	D2216	Percent Moisture	PMOIST_080620B	1	06/23/08 09:30 AM	PMOIST_080620B
0806139-47A	P-SS-30(1-2)D	Soil	SW9056	Anions by IC method - Soil	30721	50	06/26/08 05:59 PM	IC2_080626A
	P-SS-30(1-2)D	Soil	SW9056	Anions by IC method - Soil	30721	50	07/10/08 06:34 PM	IC2_080710B
	P-SS-30(1-2)D	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDS-06/23/08C	1	06/23/08 04:00 PM	WC_080623A
	P-SS-30(1-2)D	Soil	Agron 10-2.3	Electrical Conductance in Soil	CONDW-07/14/08	1	07/14/08 04:30 PM	WC_080714A
	P-SS-30(1-2)D	Soil	D2216	Percent Moisture	PMOIST_080620B	1	06/23/08 09:30 AM	PMOIST_080620B

CLIENT:	TRC Environmental Corp.	**Client Sample ID:**	P-SB-42(5-7)
Project:	Petronila Creek	**Lab ID:**	0806139-01
Project No:	160551.0001	**Collection Date:**	06/17/08 10:50 AM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	2990	63.0	63.0		mg/Kg-dry	10	06/23/08 03:10 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	22.0	0	0	N	WT%	1	06/23/08 08:55 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	4960	10.0	10.0		µmhos/cm	1	06/23/08 01:20 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:**	P-SB-43(5-7)
Project:	Petronila Creek	**Lab ID:**	0806139-02
Project No:	160551.0001	**Collection Date:**	06/17/08 01:55 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	5910	128	128		mg/Kg-dry	20	06/24/08 11:57 AM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	22.0	0	0	N	WT%	1	06/23/08 08:55 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	10800	10.0	10.0		µmhos/cm	1	06/23/08 01:20 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:**	P-SB-44(5-7)
Project:	Petronila Creek	**Lab ID:**	0806139-03
Project No:	160551.0001	**Collection Date:**	06/17/08 02:50 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	8850	322	322		mg/Kg-dry	50	06/24/08 12:12 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	22.4	0	0	N	WT%	1	06/23/08 08:55 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	25400	50.0	50.0		µmhos/cm	5	06/24/08 01:20 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:**	P-SB-44(9-10)
Project:	Petronila Creek	**Lab ID:**	0806139-04
Project No:	160551.0001	**Collection Date:**	06/17/08 02:20 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	11400	326	326		mg/Kg-dry	50	06/24/08 12:27 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	23.7	0	0	N	WT%	1	06/23/08 08:55 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	19600	50.0	50.0		µmhos/cm	5	06/24/08 01:20 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:**	P-SB-45(1-2)
Project:	Petronila Creek	**Lab ID:**	0806139-05
Project No:	160551.0001	**Collection Date:**	06/17/08 02:25 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	926	32.2	32.2		mg/Kg-dry	5	06/24/08 12:41 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	23.9	0	0	N	WT%	1	06/23/08 09:00 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	1600	10.0	10.0		µmhos/cm	1	06/23/08 01:20 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:**	P-SB-45(5-7)
Project:	Petronila Creek	**Lab ID:**	0806139-06
Project No:	160551.0001	**Collection Date:**	06/17/08 02:30 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	2360	131	131		mg/Kg-dry	20	06/23/08 04:44 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	24.8	0	0	N	WT%	1	06/23/08 09:00 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	8380	10.0	10.0		µmhos/cm	1	06/23/08 01:20 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:**	P-SB-45(9-10)
Project:	Petronila Creek	**Lab ID:**	0806139-07
Project No:	160551.0001	**Collection Date:**	06/17/08 02:35 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	4790	132	132		mg/Kg-dry	20	06/23/08 04:58 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	24.7	0	0	N	WT%	1	06/23/08 09:00 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	7780	10.0	10.0		µmhos/cm	1	06/23/08 01:20 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:**	P-SB-46(5-7)
Project:	Petronila Creek	**Lab ID:**	0806139-08
Project No:	160551.0001	**Collection Date:**	06/17/08 02:55 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	2560	129	129		mg/Kg-dry	20	06/23/08 05:13 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	23.4	0	0	N	WT%	1	06/23/08 09:00 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	7350	10.0	10.0		µmhos/cm	1	06/23/08 01:20 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:**	P-SB-47(5-7)
Project:	Petronila Creek	**Lab ID:**	0806139-09
Project No:	160551.0001	**Collection Date:**	06/17/08 04:15 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	4910	130	130		mg/Kg-dry	20	06/23/08 05:28 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	23.6	0	0	N	WT%	1	06/23/08 09:00 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	7700	10.0	10.0		µmhos/cm	1	06/23/08 01:20 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:**	P-SB-47(9-10)
Project:	Petronila Creek	**Lab ID:**	0806139-10
Project No:	160551.0001	**Collection Date:**	06/17/08 04:15 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	2730	126	126		mg/Kg-dry	20	06/23/08 05:42 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	21.2	0	0	N	WT%	1	06/23/08 09:00 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	7240	10.0	10.0		µmhos/cm	1	06/23/08 01:20 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:**	P-SB-48(5-7)
Project:	Petronila Creek	**Lab ID:**	0806139-11
Project No:	160551.0001	**Collection Date:**	06/17/08 04:30 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	5620	125	125		mg/Kg-dry	20	06/23/08 05:57 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	21.5	0	0	N	WT%	1	06/23/08 09:00 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	10500	10.0	10.0		µmhos/cm	1	06/23/08 01:20 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:**	P-SB-49(5-7)
Project:	Petronila Creek	**Lab ID:**	0806139-12
Project No:	160551.0001	**Collection Date:**	06/17/08 04:17 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	2590	124	124		mg/Kg-dry	20	06/23/08 06:12 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	20.7	0	0	N	WT%	1	06/23/08 09:00 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	5000	10.0	10.0		µmhos/cm	1	06/23/08 01:20 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:**	P-SB-50(5-7)
Project:	Petronila Creek	**Lab ID:**	0806139-13
Project No:	160551.0001	**Collection Date:**	06/17/08 04:30 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	4300	132	132		mg/Kg-dry	20	06/23/08 06:26 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	24.8	0	0	N	WT%	1	06/23/08 09:00 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	6710	10.0	10.0		µmhos/cm	1	06/23/08 01:20 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:**	P-SB-51(5-7)
Project:	Petronila Creek	**Lab ID:**	0806139-14
Project No:	160551.0001	**Collection Date:**	06/17/08 04:15 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	3380	124	124		mg/Kg-dry	20	06/23/08 06:41 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	20.3	0	0	N	WT%	1	06/23/08 09:00 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	7700	10.0	10.0		µmhos/cm	1	06/23/08 01:20 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:**	P-SB-52(5-7)
Project:	Petronila Creek	**Lab ID:**	0806139-15
Project No:	160551.0001	**Collection Date:**	06/18/08 10:10 AM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	1490	60.8	60.8		mg/Kg-dry	10	06/24/08 12:56 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	18.0	0	0	N	WT%	1	06/23/08 09:00 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	4530	10.0	10.0		µmhos/cm	1	06/23/08 01:20 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:**	P-SB-53(5-7)
Project:	Petronila Creek	**Lab ID:**	0806139-16
Project No:	160551.0001	**Collection Date:**	06/18/08 10:30 AM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	1170	60.2	60.2		mg/Kg-dry	10	06/24/08 01:40 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	17.6	0	0	N	WT%	1	06/23/08 08:45 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	3710	10.0	10.0		µmhos/cm	1	06/23/08 01:20 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:**	P-SB-54(1-2)
Project:	Petronila Creek	**Lab ID:**	0806139-17
Project No:	160551.0001	**Collection Date:**	06/18/08 10:45 AM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	2480	121	121		mg/Kg-dry	20	06/23/08 07:40 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	18.6	0	0	N	WT%	1	06/23/08 09:00 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	4350	10.0	10.0		µmhos/cm	1	06/23/08 01:20 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:**	P-SB-54(9-10)
Project:	Petronila Creek	**Lab ID:**	0806139-18
Project No:	160551.0001	**Collection Date:**	06/18/08 10:50 AM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	3050	127	127		mg/Kg-dry	20	06/23/08 07:54 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	22.9	0	0	N	WT%	1	06/23/08 09:00 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	3900	10.0	10.0		µmhos/cm	1	06/23/08 01:20 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:**	P-SB-55(5-7)
Project:	Petronila Creek	**Lab ID:**	0806139-19
Project No:	160551.0001	**Collection Date:**	06/18/08 11:05 AM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	3620	128	128		mg/Kg-dry	20	06/23/08 08:09 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	23.0	0	0	N	WT%	1	06/23/08 09:00 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	5830	10.0	10.0		µmhos/cm	1	06/23/08 01:20 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:**	P-SB-56(5-7)
Project:	Petronila Creek	**Lab ID:**	0806139-20
Project No:	160551.0001	**Collection Date:**	06/18/08 11:25 AM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	1890	127	127		mg/Kg-dry	20	06/23/08 08:24 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	22.8	0	0	N	WT%	1	06/23/08 09:00 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	3410	10.0	10.0		µmhos/cm	1	06/23/08 01:20 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:**	P-SB-57(5-7)
Project:	Petronila Creek	**Lab ID:**	0806139-21
Project No:	160551.0001	**Collection Date:**	06/18/08 11:55 AM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	2320	122	122		mg/Kg-dry	20	06/24/08 03:24 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	18.3	0	0	N	WT%	1	06/23/08 09:00 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	7020	10.0	10.0		µmhos/cm	1	06/23/08 03:00 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:**	P-SB-58(5-7)
Project:	Petronila Creek	**Lab ID:**	0806139-22
Project No:	160551.0001	**Collection Date:**	06/18/08 12:15 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	3130	120	120		mg/Kg-dry	20	06/24/08 03:38 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	17.6	0	0	N	WT%	1	06/23/08 09:00 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	8200	10.0	10.0		µmhos/cm	1	06/23/08 03:00 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:**	P-SB-58(9-10)
Project:	Petronila Creek	**Lab ID:**	0806139-23
Project No:	160551.0001	**Collection Date:**	06/18/08 12:20 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	3210	119	119		mg/Kg-dry	20	07/08/08 12:26 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	17.6	0	0	N	WT%	1	07/01/08 09:45 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	6540	10.0	10.0		µmhos/cm	1	07/02/08 11:00 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:**	P-SB-59(5-7)
Project:	Petronila Creek	**Lab ID:**	0806139-24
Project No:	160551.0001	**Collection Date:**	06/18/08 12:30 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	2420	117	117		mg/Kg-dry	20	06/24/08 03:53 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	15.0	0	0	N	WT%	1	06/23/08 09:00 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	4680	10.0	10.0		µmhos/cm	1	06/23/08 03:00 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:**	P-SB-60(5-7)
Project:	Petronila Creek	**Lab ID:**	0806139-25
Project No:	160551.0001	**Collection Date:**	06/18/08 01:08 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	449	11.8	11.8		mg/Kg-dry	2	06/24/08 04:57 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	16.3	0	0	N	WT%	1	06/23/08 09:00 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	4800	10.0	10.0		µmhos/cm	1	06/23/08 03:00 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:**	P-SB-61(1-2)
Project:	Petronila Creek	**Lab ID:**	0806139-26
Project No:	160551.0001	**Collection Date:**	06/18/08 01:05 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	75.6	5.59	5.59		mg/Kg-dry	1	07/07/08 06:58 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	12.1	0	0	N	WT%	1	07/01/08 09:45 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	461	10.0	10.0		µmhos/cm	1	07/02/08 11:00 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:**	P-SB-61(5-7)
Project:	Petronila Creek	**Lab ID:**	0806139-27
Project No:	160551.0001	**Collection Date:**	06/18/08 12:50 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	1550	61.7	61.7		mg/Kg-dry	10	06/25/08 01:55 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	19.2	0	0	N	WT%	1	06/23/08 09:30 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	5500	10.0	10.0		µmhos/cm	1	06/23/08 03:00 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:**	P-SB-61(9-10)
Project:	Petronila Creek	**Lab ID:**	0806139-28
Project No:	160551.0001	**Collection Date:**	06/18/08 01:10 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	146	5.82	5.82		mg/Kg-dry	1	06/25/08 03:37 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	14.7	0	0	N	WT%	1	06/23/08 09:30 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	1990	10.0	10.0		µmhos/cm	1	06/23/08 03:00 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:**	P-EB-S-06-18-08-02
Project:	Petronila Creek	**Lab ID:**	0806139-29
Project No:	160551.0001	**Collection Date:**	06/19/08 03:40 PM
Lab Order:	0806139	**Matrix:**	Aqueous

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Water		**E300**					**Analyst: AD**
Chloride	1.31	0.300	1.00		mg/L	1	06/24/08 03:41 PM
Specific Conductance		**M2510 B**					**Analyst: SW**
Specific Conductance	11.3	10.0	10.0		µmhos/cm	1	06/20/08 04:30 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:**	P-SS-14(0-1)
Project:	Petronila Creek	**Lab ID:**	0806139-30
Project No:	160551.0001	**Collection Date:**	06/18/08 04:10 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	13400	356	356		mg/Kg-dry	50	06/25/08 02:10 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	30.9	0	0	N	WT%	1	06/23/08 09:30 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	24200	50.0	50.0		µmhos/cm	5	06/24/08 01:20 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:**	P-SS-15(0-1)
Project:	Petronila Creek	**Lab ID:**	0806139-31
Project No:	160551.0001	**Collection Date:**	06/18/08 04:20 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	61000	1240	1240		mg/Kg-dry	200	06/26/08 01:07 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	20.2	0	0	N	WT%	1	06/23/08 09:30 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	103000	250	250		µmhos/cm	25	07/10/09 11:05 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:**	P-SS-16(0-1)
Project:	Petronila Creek	**Lab ID:**	0806139-32
Project No:	160551.0001	**Collection Date:**	06/18/08 04:30 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	47100	3460	3460		mg/Kg-dry	500	06/26/08 02:37 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	27.7	0	0	N	WT%	1	06/23/08 09:30 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	91500	250	250		µmhos/cm	25	06/24/08 01:20 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:**	P-SS-17(2-3)
Project:	Petronila Creek	**Lab ID:**	0806139-33
Project No:	160551.0001	**Collection Date:**	06/18/08 04:35 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	5660	135	135		mg/Kg-dry	20	06/25/08 02:54 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	27.5	0	0	N	WT%	1	06/23/08 09:30 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	9030	10.0	10.0		µmhos/cm	1	06/23/08 03:00 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:**	P-SS-18(0-1)
Project:	Petronila Creek	**Lab ID:**	0806139-34
Project No:	160551.0001	**Collection Date:**	06/18/08 04:55 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	84100	3430	3430		mg/Kg-dry	500	06/25/08 06:47 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	27.8	0	0	N	WT%	1	06/23/08 09:30 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	166000	250	250		µmhos/cm	25	07/10/09 11:05 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:**	P-SS-19(1-3)
Project:	Petronila Creek	**Lab ID:**	0806139-35
Project No:	160551.0001	**Collection Date:**	06/18/08 05:00 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	5920	137	137		mg/Kg-dry	20	06/25/08 03:09 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	27.8	0	0	N	WT%	1	06/23/08 09:30 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	7800	10.0	10.0		µmhos/cm	1	06/23/08 03:00 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:**	P-SS-20(0-1)
Project:	Petronila Creek	**Lab ID:**	0806139-36
Project No:	160551.0001	**Collection Date:**	06/18/08 05:20 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	41400	1490	1490		mg/Kg-dry	200	07/10/08 05:50 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	34.4	0	0	N	WT%	1	06/23/08 09:30 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	96200	250	250		µmhos/cm	25	07/10/09 11:05 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:**	P-SS-21(0-1)
Project:	Petronila Creek	**Lab ID:**	0806139-37
Project No:	160551.0001	**Collection Date:**	06/18/08 05:25 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	75800	1630	1630		mg/Kg-dry	200	07/10/08 06:04 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	38.6	0	0	N	WT%	1	06/23/08 09:30 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	146000	250	250		µmhos/cm	25	07/10/09 11:05 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:**	P-SS-22(0-1)
Project:	Petronila Creek	**Lab ID:**	0806139-38
Project No:	160551.0001	**Collection Date:**	06/18/08 05:55 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	7160	310	310		mg/Kg-dry	50	06/25/08 05:04 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	20.2	0	0	N	WT%	1	06/23/08 09:30 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	10400	10.0	10.0		µmhos/cm	1	06/23/08 03:00 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:**	P-SS-23(0-1)
Project:	Petronila Creek	**Lab ID:**	0806139-39
Project No:	160551.0001	**Collection Date:**	06/18/08 06:05 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	13100	376	376		mg/Kg-dry	50	06/25/08 05:19 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	34.5	0	0	N	WT%	1	06/23/08 09:30 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	33800	50.0	50.0		µmhos/cm	5	06/24/08 01:20 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:**	P-SS-24(0-1)
Project:	Petronila Creek	**Lab ID:**	0806139-40
Project No:	160551.0001	**Collection Date:**	06/18/08 06:15 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	14600	379	379		mg/Kg-dry	50	06/25/08 05:33 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	35.3	0	0	N	WT%	1	06/23/08 09:30 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	35400	50.0	50.0		µmhos/cm	5	06/24/08 01:20 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:**	P-SS-25(0-1)
Project:	Petronila Creek	**Lab ID:**	0806139-41
Project No:	160551.0001	**Collection Date:**	06/18/08 06:30 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	16900	385	385		mg/Kg-dry	50	06/25/08 05:48 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	35.5	0	0	N	WT%	1	06/23/08 09:30 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	32300	50.0	50.0		µmhos/cm	5	06/24/08 01:20 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:**	P-SS-26(3-4)
Project:	Petronila Creek	**Lab ID:**	0806139-42
Project No:	160551.0001	**Collection Date:**	06/18/08 06:35 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	4460	126	126		mg/Kg-dry	20	06/26/08 12:23 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	21.9	0	0	N	WT%	1	06/23/08 09:30 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	6420	10.0	10.0		µmhos/cm	1	06/23/08 03:00 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:**	P-SS-27(0-1)
Project:	Petronila Creek	**Lab ID:**	0806139-43
Project No:	160551.0001	**Collection Date:**	06/18/08 06:50 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	46100	2130	2130		mg/Kg-dry	200	06/26/08 02:08 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	53.3	0	0	N	WT%	1	06/23/08 09:30 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	90200	250	250		µmhos/cm	25	07/10/09 11:05 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:**	P-SS-28(2-3)
Project:	Petronila Creek	**Lab ID:**	0806139-44
Project No:	160551.0001	**Collection Date:**	06/18/08 06:55 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	3630	330	330		mg/Kg-dry	50	06/26/08 05:15 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	24.6	0	0	N	WT%	1	06/23/08 09:30 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	5920	10.0	10.0		µmhos/cm	1	06/23/08 04:00 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:**	P-SS-29(0-1)
Project:	Petronila Creek	**Lab ID:**	0806139-45
Project No:	160551.0001	**Collection Date:**	06/18/08 07:05 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	21600	667	667		mg/Kg-dry	100	06/27/08 11:31 AM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	25.8	0	0	N	WT%	1	06/23/08 09:30 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	32800	50.0	50.0		µmhos/cm	5	06/24/08 01:20 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:**	P-SS-30(1-2)
Project:	Petronila Creek	**Lab ID:**	0806139-46
Project No:	160551.0001	**Collection Date:**	06/18/08 07:30 PM
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	9460	326	326		mg/Kg-dry	50	07/10/08 06:19 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	24.2	0	0	N	WT%	1	06/23/08 09:30 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	11800	10.0	10.0		µmhos/cm	1	07/14/08 04:30 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:**	P-SS-30(1-2)D
Project:	Petronila Creek	**Lab ID:**	0806139-47
Project No:	160551.0001	**Collection Date:**	06/19/08
Lab Order:	0806139	**Matrix:**	Soil

Analyses	Result	MDL	RL	Qual	Units	DF	Date Analyzed
Anions by IC method - Soil		**SW9056**					**Analyst: AD**
Chloride	9460	329	329		mg/Kg-dry	50	07/10/08 06:34 PM
Percent Moisture		**D2216**					**Analyst: RP**
Percent Moisture	24.2	0	0	N	WT%	1	06/23/08 09:30 AM
Electrical Conductance in Soil		**Agron 10-2.3**					**Analyst: SW**
Specific Conductance	11800	10.0	10.0		µmhos/cm	1	07/14/08 04:30 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: 0806139
Project: Petronila Creek

ANALYTICAL QC SUMMARY REPORT

RunID: IC_080624A

Sample ID:	**ICV-080624**	**Batch ID:**	**R38243**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**ICV**	**Run ID:**	**IC_080624A**		**Analysis Date:**		**06/24/08 10:08 AM**			**Prep Date:**	**06/24/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		26.8	1.00	25.00	0	107	90	110			
Sample ID:	**LCS-080624**	**Batch ID:**	**R38243**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**LCS**	**Run ID:**	**IC_080624A**		**Analysis Date:**		**06/24/08 10:25 AM**			**Prep Date:**	**06/24/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		10.4	1.00	10.00	0	104	90	110			
Sample ID:	**LCSD-080624**	**Batch ID:**	**R38243**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**LCSD**	**Run ID:**	**IC_080624A**		**Analysis Date:**		**06/24/08 10:40 AM**			**Prep Date:**	**06/24/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		10.4	1.00	10.00	0	104	90	110	0.121	20	
Sample ID:	**MB-080624**	**Batch ID:**	**R38243**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**MBLK**	**Run ID:**	**IC_080624A**		**Analysis Date:**		**06/24/08 10:56 AM**			**Prep Date:**	**06/24/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		ND	1.00								
Sample ID:	**CCV1-080624**	**Batch ID:**	**R38243**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**CCV**	**Run ID:**	**IC_080624A**		**Analysis Date:**		**06/24/08 02:23 PM**			**Prep Date:**	**06/24/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		10.4	1.00	10.00	0	104	90	110			
Sample ID:	**0806150-09CMS**	**Batch ID:**	**R38243**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**MS**	**Run ID:**	**IC_080624A**		**Analysis Date:**		**06/24/08 02:39 PM**			**Prep Date:**	**06/24/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		33.0	1.00	10.00	22.03	110	90	110			
Sample ID:	**0806150-09CMSD**	**Batch ID:**	**R38243**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**MSD**	**Run ID:**	**IC_080624A**		**Analysis Date:**		**06/24/08 02:54 PM**			**Prep Date:**	**06/24/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		33.0	1.00	10.00	22.03	109	90	110	0.0355	20	
Sample ID:	**CCV2-080624**	**Batch ID:**	**R38243**		**TestNo:**		**E300**			**Units:**	**mg/L**
SampType:	**CCV**	**Run ID:**	**IC_080624A**		**Analysis Date:**		**06/24/08 05:39 PM**			**Prep Date:**	**06/24/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		10.5	1.00	10.00	0	105	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: 0806139
Project: Petronila Creek

ANALYTICAL QC SUMMARY REPORT

RunID: IC2_080623A

Sample ID:	**MB-30683**	**Batch ID:**	**30683**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**MBLK**	**Run ID:**	**IC2_080623A**		**Analysis Date:**		**06/23/08 12:25 PM**			**Prep Date:**	**06/20/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		ND	5.00								

Sample ID:	**LCS-30683**	**Batch ID:**	**30683**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**LCS**	**Run ID:**	**IC2_080623A**		**Analysis Date:**		**06/23/08 12:40 PM**			**Prep Date:**	**06/20/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		51.7	5.00	50.00	0	103	80	120			

Sample ID:	**LCSD-30683**	**Batch ID:**	**30683**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**LCSD**	**Run ID:**	**IC2_080623A**		**Analysis Date:**		**06/23/08 12:55 PM**			**Prep Date:**	**06/20/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		51.6	5.00	50.00	0	103	80	120	0.187	20	

Sample ID:	**0806139-20ADUP**	**Batch ID:**	**30683**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg-dry**
SampType:	**DUP**	**Run ID:**	**IC2_080623A**		**Analysis Date:**		**06/23/08 08:38 PM**			**Prep Date:**	**06/20/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		1870	128	0	1892				1.09	20	

Sample ID:	**0806139-15AMS**	**Batch ID:**	**30683**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg-dry**
SampType:	**MS**	**Run ID:**	**IC2_080623A**		**Analysis Date:**		**06/24/08 01:11 PM**			**Prep Date:**	**06/20/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		1500	60.8	608.3	895.2	98.7	80	120			

Sample ID:	**0806139-15AMSD**	**Batch ID:**	**30683**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg-dry**
SampType:	**MSD**	**Run ID:**	**IC2_080623A**		**Analysis Date:**		**06/24/08 01:25 PM**			**Prep Date:**	**06/20/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		1490	60.8	608.3	895.2	98.4	80	120	0.0993	20	

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: 0806139
Project: Petronila Creek

ANALYTICAL QC SUMMARY REPORT

RunID: IC2_080623A

Sample ID:	**ICV-080623**	**Batch ID:**	**R38226**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**ICV**	**Run ID:**	**IC2_080623A**		**Analysis Date:**		**06/23/08 11:28 AM**			**Prep Date:**	**06/23/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		26.2	5.00	25.00	0	105	90	110			

Sample ID:	**CCV1-080623**	**Batch ID:**	**R38226**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**CCV**	**Run ID:**	**IC2_080623A**		**Analysis Date:**		**06/23/08 04:14 PM**			**Prep Date:**	**06/23/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		10.2	5.00	10.00	0	102	90	110			

Sample ID:	**CCV2-080623**	**Batch ID:**	**R38226**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**CCV**	**Run ID:**	**IC2_080623A**		**Analysis Date:**		**06/23/08 06:56 PM**			**Prep Date:**	**06/23/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		10.1	5.00	10.00	0	101	90	110			

Sample ID:	**CCV3-080623**	**Batch ID:**	**R38226**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**CCV**	**Run ID:**	**IC2_080623A**		**Analysis Date:**		**06/23/08 08:53 PM**			**Prep Date:**	**06/23/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		10.1	5.00	10.00	0	101	90	110			

Sample ID:	**ICV-080624**	**Batch ID:**	**R38226**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**ICV**	**Run ID:**	**IC2_080623A**		**Analysis Date:**		**06/24/08 10:05 AM**			**Prep Date:**	**06/24/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		26.1	5.00	25.00	0	104	90	110			

Sample ID:	**CCV1-080624**	**Batch ID:**	**R38226**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**CCV**	**Run ID:**	**IC2_080623A**		**Analysis Date:**		**06/24/08 01:55 PM**			**Prep Date:**	**06/24/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		10.1	5.00	10.00	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: 0806139
Project: Petronila Creek

ANALYTICAL QC SUMMARY REPORT

RunID: IC2_080624B

Sample ID:	**MB-30684**	**Batch ID:**	**30684**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**MBLK**	**Run ID:**	**IC2_080624B**		**Analysis Date:**		**06/24/08 02:41 PM**			**Prep Date:**	**06/20/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		ND	5.00								

Sample ID:	**LCS-30684**	**Batch ID:**	**30684**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**LCS**	**Run ID:**	**IC2_080624B**		**Analysis Date:**		**06/24/08 02:54 PM**			**Prep Date:**	**06/20/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		50.6	5.00	50.00	0	101	80	120			

Sample ID:	**LCSD-30684**	**Batch ID:**	**30684**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**LCSD**	**Run ID:**	**IC2_080624B**		**Analysis Date:**		**06/24/08 03:09 PM**			**Prep Date:**	**06/20/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		50.2	5.00	50.00	0	100	80	120	0.812	20	

Sample ID:	**0806139-25AMS**	**Batch ID:**	**30684**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg-dry**
SampType:	**MS**	**Run ID:**	**IC2_080624B**		**Analysis Date:**		**06/24/08 05:26 PM**			**Prep Date:**	**06/20/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		393	11.8	118.2	269.4	105	80	120			

Sample ID:	**0806139-25AMSD**	**Batch ID:**	**30684**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg-dry**
SampType:	**MSD**	**Run ID:**	**IC2_080624B**		**Analysis Date:**		**06/24/08 05:41 PM**			**Prep Date:**	**06/20/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		394	11.8	118.2	269.4	106	80	120	0.217	20	

Sample ID:	**0806139-43ADUP**	**Batch ID:**	**30684**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg-dry**
SampType:	**DUP**	**Run ID:**	**IC2_080624B**		**Analysis Date:**		**06/26/08 02:23 PM**			**Prep Date:**	**06/20/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		46100	2130	0	46090				0.0951	20	

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: 0806139
Project: Petronila Creek

ANALYTICAL QC SUMMARY REPORT

RunID: IC2_080624B

Sample ID:	**ICV-080624**	**Batch ID:**	**R38277**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**ICV**	**Run ID:**	**IC2_080624B**		**Analysis Date:**		**06/24/08 10:05 AM**			**Prep Date:**	**06/24/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		26.1	5.00	25.00	0	104	90	110			
Sample ID:	**CCV1-080624**	**Batch ID:**	**R38277**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**CCV**	**Run ID:**	**IC2_080624B**		**Analysis Date:**		**06/24/08 01:55 PM**			**Prep Date:**	**06/24/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		10.1	5.00	10.00	0	101	90	110			
Sample ID:	**CCV2-080624**	**Batch ID:**	**R38277**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**CCV**	**Run ID:**	**IC2_080624B**		**Analysis Date:**		**06/24/08 05:12 PM**			**Prep Date:**	**06/24/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		10.1	5.00	10.00	0	101	90	110			
Sample ID:	**CCV3-080624**	**Batch ID:**	**R38277**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**CCV**	**Run ID:**	**IC2_080624B**		**Analysis Date:**		**06/24/08 07:53 PM**			**Prep Date:**	**06/24/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		10.4	5.00	10.00	0	104	90	110			
Sample ID:	**ICV-080625**	**Batch ID:**	**R38277**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**ICV**	**Run ID:**	**IC2_080624B**		**Analysis Date:**		**06/25/08 01:22 PM**			**Prep Date:**	**06/25/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		25.8	5.00	25.00	0	103	90	110			
Sample ID:	**CCV1-080625**	**Batch ID:**	**R38277**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**CCV**	**Run ID:**	**IC2_080624B**		**Analysis Date:**		**06/25/08 04:35 PM**			**Prep Date:**	**06/25/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		10.0	5.00	10.00	0	100	90	110			
Sample ID:	**CCV2-080625**	**Batch ID:**	**R38277**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**CCV**	**Run ID:**	**IC2_080624B**		**Analysis Date:**		**06/25/08 07:01 PM**			**Prep Date:**	**06/25/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		10.0	5.00	10.00	0	100	90	110			
Sample ID:	**ICV-080626**	**Batch ID:**	**R38277**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**ICV**	**Run ID:**	**IC2_080624B**		**Analysis Date:**		**06/26/08 12:08 PM**			**Prep Date:**	**06/26/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		26.6	5.00	25.00	0	106	90	110			
Sample ID:	**CCV1-080626**	**Batch ID:**	**R38277**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**CCV**	**Run ID:**	**IC2_080624B**		**Analysis Date:**		**06/26/08 02:51 PM**			**Prep Date:**	**06/26/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		10.1	5.00	10.00	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: 0806139
Project: Petronila Creek

ANALYTICAL QC SUMMARY REPORT

RunID: IC2_080626A

Sample ID:	**MB-30721**	**Batch ID:**	**30721**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**MBLK**	**Run ID:**	**IC2_080626A**		**Analysis Date:**		**06/26/08 04:31 PM**			**Prep Date:**	**06/25/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		ND	5.00								

Sample ID:	**LCS-30721**	**Batch ID:**	**30721**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**LCS**	**Run ID:**	**IC2_080626A**		**Analysis Date:**		**06/26/08 04:45 PM**			**Prep Date:**	**06/25/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		51.3	5.00	50.00	0	103	80	120			

Sample ID:	**LCSD-30721**	**Batch ID:**	**30721**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**LCSD**	**Run ID:**	**IC2_080626A**		**Analysis Date:**		**06/26/08 05:00 PM**			**Prep Date:**	**06/25/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		52.7	5.00	50.00	0	105	80	120	2.52	20	

Sample ID:	**0806139-47ADUP**	**Batch ID:**	**30721**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg-dry**
SampType:	**DUP**	**Run ID:**	**IC2_080626A**		**Analysis Date:**		**06/26/08 06:13 PM**			**Prep Date:**	**06/25/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		8200	330	0	7793				5.08	20	

Sample ID:	**0806139-46AMS**	**Batch ID:**	**30721**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg-dry**
SampType:	**MS**	**Run ID:**	**IC2_080626A**		**Analysis Date:**		**06/26/08 06:28 PM**			**Prep Date:**	**06/25/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		9000	326	3260	5423	110	80	120			

Sample ID:	**0806139-46AMSD**	**Batch ID:**	**30721**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg-dry**
SampType:	**MSD**	**Run ID:**	**IC2_080626A**		**Analysis Date:**		**06/26/08 06:43 PM**			**Prep Date:**	**06/25/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		8980	326	3260	5423	109	80	120	0.140	20	

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: 0806139
Project: Petronila Creek

ANALYTICAL QC SUMMARY REPORT

RunID: IC2_080626A

Sample ID:	**ICV-080626**	**Batch ID:**	**R38293**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**ICV**	**Run ID:**	**IC2_080626A**		**Analysis Date:**		**06/26/08 12:08 PM**			**Prep Date:**	**06/26/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		26.6	5.00	25.00	0	106	90	110			

Sample ID:	**CCV1-080626**	**Batch ID:**	**R38293**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**CCV**	**Run ID:**	**IC2_080626A**		**Analysis Date:**		**06/26/08 02:51 PM**			**Prep Date:**	**06/26/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		10.1	5.00	10.00	0	101	90	110			

Sample ID:	**CCV2-080626**	**Batch ID:**	**R38293**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**CCV**	**Run ID:**	**IC2_080626A**		**Analysis Date:**		**06/26/08 06:57 PM**			**Prep Date:**	**06/26/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		10.3	5.00	10.00	0	103	90	110			

Sample ID:	**ICV-080627**	**Batch ID:**	**R38293**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**ICV**	**Run ID:**	**IC2_080626A**		**Analysis Date:**		**06/27/08 10:47 AM**			**Prep Date:**	**06/27/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		26.4	5.00	25.00	0	106	90	110			

Sample ID:	**CCV1-080627**	**Batch ID:**	**R38293**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**CCV**	**Run ID:**	**IC2_080626A**		**Analysis Date:**		**06/27/08 11:46 AM**			**Prep Date:**	**06/27/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		10.0	5.00	10.00	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: 0806139
Project: Petronila Creek

ANALYTICAL QC SUMMARY REPORT

RunID: IC2_080707B

Sample ID:	**MB-30781**	**Batch ID:**	**30781**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**MBLK**	**Run ID:**	**IC2_080707B**		**Analysis Date:**		**07/07/08 02:14 PM**			**Prep Date:**	**06/30/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		ND	5.00								

Sample ID:	**LCS-30781**	**Batch ID:**	**30781**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**LCS**	**Run ID:**	**IC2_080707B**		**Analysis Date:**		**07/08/08 03:59 PM**			**Prep Date:**	**06/30/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		51.4	5.00	50.00	0	103	80	120			

Sample ID:	**LCSD-30781**	**Batch ID:**	**30781**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**LCSD**	**Run ID:**	**IC2_080707B**		**Analysis Date:**		**07/08/08 04:14 PM**			**Prep Date:**	**06/30/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		51.1	5.00	50.00	0	102	80	120	0.625	20	

Sample ID:	**0806230-08BDUP**	**Batch ID:**	**30781**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg-dry**
SampType:	**DUP**	**Run ID:**	**IC2_080707B**		**Analysis Date:**		**07/08/08 05:12 PM**			**Prep Date:**	**06/30/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		395	10.2	0	366.8				7.30	20	

Sample ID:	**0806230-03BMS**	**Batch ID:**	**30781**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg-dry**
SampType:	**MS**	**Run ID:**	**IC2_080707B**		**Analysis Date:**		**07/08/08 05:27 PM**			**Prep Date:**	**06/30/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		82.7	6.49	64.88	14.45	105	80	120			

Sample ID:	**0806230-03BMSD**	**Batch ID:**	**30781**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg-dry**
SampType:	**MSD**	**Run ID:**	**IC2_080707B**		**Analysis Date:**		**07/08/08 05:56 PM**			**Prep Date:**	**06/30/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		86.2	6.49	64.88	14.45	111	80	120	4.18	20	

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: 0806139
Project: Petronila Creek

ANALYTICAL QC SUMMARY REPORT

RunID: IC2_080707B

Sample ID:	**ICV-080707**	**Batch ID:**	**R38494**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**ICV**	**Run ID:**	**IC2_080707B**		**Analysis Date:**		**07/07/08 11:38 AM**			**Prep Date:**	**07/07/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		26.8	5.00	25.00	0	107	90	110			

Sample ID:	**CCV1-080707**	**Batch ID:**	**R38494**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**CCV**	**Run ID:**	**IC2_080707B**		**Analysis Date:**		**07/07/08 04:26 PM**			**Prep Date:**	**07/07/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		10.8	5.00	10.00	0	108	90	110			

Sample ID:	**CCV2-080707**	**Batch ID:**	**R38494**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**CCV**	**Run ID:**	**IC2_080707B**		**Analysis Date:**		**07/07/08 07:27 PM**			**Prep Date:**	**07/07/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		10.7	5.00	10.00	0	107	90	110			

Sample ID:	**ICV-080708**	**Batch ID:**	**R38494**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**ICV**	**Run ID:**	**IC2_080707B**		**Analysis Date:**		**07/08/08 11:47 AM**			**Prep Date:**	**07/08/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		26.2	5.00	25.00	0	105	90	110			

Sample ID:	**CCV1-080708**	**Batch ID:**	**R38494**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**CCV**	**Run ID:**	**IC2_080707B**		**Analysis Date:**		**07/08/08 02:53 PM**			**Prep Date:**	**07/08/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		10.8	5.00	10.00	0	108	90	110			

Sample ID:	**CCV2-080708**	**Batch ID:**	**R38494**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**CCV**	**Run ID:**	**IC2_080707B**		**Analysis Date:**		**07/08/08 05:41 PM**			**Prep Date:**	**07/08/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		10.1	5.00	10.00	0	101	90	110			

Sample ID:	**CCV3-080708**	**Batch ID:**	**R38494**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**CCV**	**Run ID:**	**IC2_080707B**		**Analysis Date:**		**07/08/08 06:10 PM**			**Prep Date:**	**07/08/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		10.2	5.00	10.00	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: 0806139
Project: Petronila Creek

ANALYTICAL QC SUMMARY REPORT

RunID: IC2_080710B

Sample ID:	**ICV-080710**	**Batch ID:**	**R38562**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**ICV**	**Run ID:**	**IC2_080710B**		**Analysis Date:**		**07/10/08 11:56 AM**			**Prep Date:**	**07/10/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		26.2	5.00	25.00	0	105	90	110			

Sample ID:	**CCV2-080710**	**Batch ID:**	**R38562**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**CCV**	**Run ID:**	**IC2_080710B**		**Analysis Date:**		**07/10/08 05:18 PM**			**Prep Date:**	**07/10/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		10.3	5.00	10.00	0	103	90	110			

Sample ID:	**CCV3-080710**	**Batch ID:**	**R38562**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**CCV**	**Run ID:**	**IC2_080710B**		**Analysis Date:**		**07/10/08 06:48 PM**			**Prep Date:**	**07/10/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		10.1	5.00	10.00	0	101	90	110			

Sample ID:	**ICV-080711**	**Batch ID:**	**R38562**		**TestNo:**		**SW9056**			**Units:**	**mg/Kg**
SampType:	**ICV**	**Run ID:**	**IC2_080710B**		**Analysis Date:**		**07/11/08 10:34 AM**			**Prep Date:**	**07/11/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Chloride		26.3	5.00	25.00	0	105	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: 0806139
Project: Petronila Creek

ANALYTICAL QC SUMMARY REPORT

RunID: PMOIST_080620B

Sample ID:	**0806139-47A DUP**	**Batch ID:**	**PMOIST_080620B**	**TestNo:**		**D2216**			**Units:**		**WT%**
SampType:	**DUP**	**Run ID:**	**PMOIST_080620B**	**Analysis Date:**		**06/23/08 09:30 AM**			**Prep Date:**		**06/20/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Percent Moisture		24.6	0	0	24.21				1.68	30	N

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: 0806139
Project: Petronila Creek

ANALYTICAL QC SUMMARY REPORT

RunID: PMOIST_080620C

Sample ID:	**0806139-25A DUP**	**Batch ID:**	**PMOIST_080620C**	**TestNo:**	**D2216**			**Units:**	**WT%**	
SampType:	**DUP**	**Run ID:**	**PMOIST_080620C**	**Analysis Date:**	**06/23/08 09:00 AM**			**Prep Date:**	**06/20/08**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Percent Moisture		16.3	0	0	16.26				0	30	N

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: 0806139
Project: Petronila Creek

ANALYTICAL QC SUMMARY REPORT

RunID: PMOIST_080620D

Sample ID:	**0806139-16A DUP**	**Batch ID:**	**PMOIST_080620D**	**TestNo:**	**D2216**			**Units:**	**WT%**	
SampType:	**DUP**	**Run ID:**	**PMOIST_080620D**	**Analysis Date:**	**06/23/08 08:45 AM**			**Prep Date:**	**06/20/08**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Percent Moisture		17.6	0	0	17.64				0.0567	30	N

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: 0806139
Project: Petronila Creek

ANALYTICAL QC SUMMARY REPORT

RunID: PMOIST_080620E

Sample ID:	**0806139-04A DUP**	**Batch ID:**	**PMOIST_080620E**	**TestNo:**	**D2216**				**Units:**	**WT%**	
SampType:	**DUP**	**Run ID:**	**PMOIST_080620E**	**Analysis Date:**	**06/23/08 08:55 AM**				**Prep Date:**	**06/20/08**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Percent Moisture		23.0	0	0	23.73				3.32	30	N

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: 0806139
Project: Petronila Creek

ANALYTICAL QC SUMMARY REPORT

RunID: PMOIST_080630D

Sample ID:	**0806139-26A DUP**	**Batch ID:**	**PMOIST_080630D**	**TestNo:**	**D2216**			**Units:**	**WT%**	
SampType:	**DUP**	**Run ID:**	**PMOIST_080630D**	**Analysis Date:**	**07/01/08 09:45 AM**			**Prep Date:**	**06/30/08**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Percent Moisture		13.5	0	0	12.06				11.3	30	N

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: 0806139
Project: Petronila Creek

ANALYTICAL QC SUMMARY REPORT

RunID: WC_080620B

Sample ID:	**ICV-080620**	**Batch ID:**	**CONDW-06/20/08**	**TestNo:**		**M2510 B**			**Units:**		**µmhos/cm**
SampType:	**ICV**	**Run ID:**	**WC_080620B**	**Analysis Date:**		**06/20/08 04:30 PM**			**Prep Date:**		**06/20/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		12900	10.0	12880	0	100	95	105			

Sample ID:	**MB-080620**	**Batch ID:**	**CONDW-06/20/08**	**TestNo:**		**M2510 B**			**Units:**		**µmhos/cm**
SampType:	**MBLK**	**Run ID:**	**WC_080620B**	**Analysis Date:**		**06/20/08 04:30 PM**			**Prep Date:**		**06/20/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		ND	10.0								

Sample ID:	**LCS-080620**	**Batch ID:**	**CONDW-06/20/08**	**TestNo:**		**M2510 B**			**Units:**		**µmhos/cm**
SampType:	**LCS**	**Run ID:**	**WC_080620B**	**Analysis Date:**		**06/20/08 04:30 PM**			**Prep Date:**		**06/20/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		1400	10.0	1413	0	98.7	95	105			

Sample ID:	**0806139-29A DUP**	**Batch ID:**	**CONDW-06/20/08**	**TestNo:**		**M2510 B**			**Units:**		**µmhos/cm**
SampType:	**DUP**	**Run ID:**	**WC_080620B**	**Analysis Date:**		**06/20/08 04:30 PM**			**Prep Date:**		**06/20/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		11.2	10.0	0	11.34				0.975	2	

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: 0806139
Project: Petronila Creek

ANALYTICAL QC SUMMARY REPORT

RunID: WC_080623A

Sample ID:	**ICV-080623**	**Batch ID:**	**CONDS-06/23/08**	**TestNo:**		**Agron 10-2.3**			**Units:**		**µmhos/cm**
SampType:	**ICV**	**Run ID:**	**WC_080623A**	**Analysis Date:**		**06/23/08 01:20 PM**			**Prep Date:**		**06/23/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		12900	10.0	12880	0	100	90	110			

Sample ID:	**CCV1-080623**	**Batch ID:**	**CONDS-06/23/08**	**TestNo:**		**Agron 10-2.3**			**Units:**		**µmhos/cm**
SampType:	**CCV**	**Run ID:**	**WC_080623A**	**Analysis Date:**		**06/23/08 01:20 PM**			**Prep Date:**		**06/23/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		12600	10.0	12880	0	98.2	90	110			

Sample ID:	**CCV2-080623**	**Batch ID:**	**CONDS-06/23/08**	**TestNo:**		**Agron 10-2.3**			**Units:**		**µmhos/cm**
SampType:	**CCV**	**Run ID:**	**WC_080623A**	**Analysis Date:**		**06/23/08 01:20 PM**			**Prep Date:**		**06/23/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		12500	10.0	12880	0	97.0	90	110			

Sample ID:	**CCV3-080623**	**Batch ID:**	**CONDS-06/23/08**	**TestNo:**		**Agron 10-2.3**			**Units:**		**µmhos/cm**
SampType:	**CCV**	**Run ID:**	**WC_080623A**	**Analysis Date:**		**06/23/08 03:00 PM**			**Prep Date:**		**06/23/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		12500	10.0	12880	0	96.9	90	110			

Sample ID:	**CCV4-080623**	**Batch ID:**	**CONDS-06/23/08**	**TestNo:**		**Agron 10-2.3**			**Units:**		**µmhos/cm**
SampType:	**CCV**	**Run ID:**	**WC_080623A**	**Analysis Date:**		**06/23/08 03:00 PM**			**Prep Date:**		**06/23/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		12300	10.0	12880	0	95.8	90	110			

Sample ID:	**CCV5-080623**	**Batch ID:**	**CONDS-06/23/08**	**TestNo:**		**Agron 10-2.3**			**Units:**		**µmhos/cm**
SampType:	**CCV**	**Run ID:**	**WC_080623A**	**Analysis Date:**		**06/23/08 04:00 PM**			**Prep Date:**		**06/23/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		12200	10.0	12880	0	95.0	90	110			

Sample ID:	**CCV6-080623**	**Batch ID:**	**CONDS-06/23/08**	**TestNo:**		**Agron 10-2.3**			**Units:**		**µmhos/cm**
SampType:	**CCV**	**Run ID:**	**WC_080623A**	**Analysis Date:**		**06/23/08 04:00 PM**			**Prep Date:**		**06/23/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		12100	10.0	12880	0	93.8	90	110			

Sample ID:	**CCV7-080623**	**Batch ID:**	**CONDS-06/23/08**	**TestNo:**		**Agron 10-2.3**			**Units:**		**µmhos/cm**
SampType:	**CCV**	**Run ID:**	**WC_080623A**	**Analysis Date:**		**06/23/08 04:00 PM**			**Prep Date:**		**06/23/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		12100	10.0	12880	0	94.3	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: 0806139
Project: Petronila Creek

ANALYTICAL QC SUMMARY REPORT

RunID: WC_080623A

Sample ID:	**MBLK1-080623**	**Batch ID:**	**CONDS-06/23/08A**	**TestNo:**		**Agron 10-2.3**		**Units:**		**µmhos/cm**	
SampType:	**MBLK**	**Run ID:**	**WC_080623A**	**Analysis Date:**		**06/23/08 01:20 PM**		**Prep Date:**		**06/23/08**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		ND	10.0								

Sample ID:	**LCS1-080623**	**Batch ID:**	**CONDS-06/23/08A**	**TestNo:**		**Agron 10-2.3**		**Units:**		**µmhos/cm**	
SampType:	**LCS**	**Run ID:**	**WC_080623A**	**Analysis Date:**		**06/23/08 01:20 PM**		**Prep Date:**		**06/23/08**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		1370	10.0	1413	0	97.2	91	107			

Sample ID:	**0806139-10A DUP**	**Batch ID:**	**CONDS-06/23/08A**	**TestNo:**		**Agron 10-2.3**		**Units:**		**µmhos/cm**	
SampType:	**DUP**	**Run ID:**	**WC_080623A**	**Analysis Date:**		**06/23/08 01:20 PM**		**Prep Date:**		**06/23/08**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		7740	10.0	0	7240				6.68	25	

Sample ID:	**0806139-20A DUP**	**Batch ID:**	**CONDS-06/23/08A**	**TestNo:**		**Agron 10-2.3**		**Units:**		**µmhos/cm**	
SampType:	**DUP**	**Run ID:**	**WC_080623A**	**Analysis Date:**		**06/23/08 01:20 PM**		**Prep Date:**		**06/23/08**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		3640	10.0	0	3410				6.52	25	

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: 0806139
Project: Petronila Creek

ANALYTICAL QC SUMMARY REPORT

RunID: WC_080623A

Sample ID:	**0806139-33A DUP**	**Batch ID:**	**CONDS-06/23/08B**	**TestNo:**		**Agron 10-2.3**			**Units:**		**µmhos/cm**
SampType:	**DUP**	**Run ID:**	**WC_080623A**	**Analysis Date:**		**06/23/08 03:00 PM**			**Prep Date:**		**06/23/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		9060	10.0	0	9030				0.332	25	

Sample ID:	**MBLK2-080623**	**Batch ID:**	**CONDS-06/23/08B**	**TestNo:**		**Agron 10-2.3**			**Units:**		**µmhos/cm**
SampType:	**MBLK**	**Run ID:**	**WC_080623A**	**Analysis Date:**		**06/23/08 01:20 PM**			**Prep Date:**		**06/23/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		ND	10.0								

Sample ID:	**LCS2-080623**	**Batch ID:**	**CONDS-06/23/08B**	**TestNo:**		**Agron 10-2.3**			**Units:**		**µmhos/cm**
SampType:	**LCS**	**Run ID:**	**WC_080623A**	**Analysis Date:**		**06/23/08 01:20 PM**			**Prep Date:**		**06/23/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		1360	10.0	1413	0	96.4	91	107			

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: 0806139
Project: Petronila Creek

ANALYTICAL QC SUMMARY REPORT

RunID: WC_080623A

Sample ID:	**0806139-47A DUP**	**Batch ID:**	**CONDS-06/23/08C**	**TestNo:**		**Agron 10-2.3**			**Units:**		**µmhos/cm**
SampType:	**DUP**	**Run ID:**	**WC_080623A**	**Analysis Date:**		**06/23/08 04:00 PM**			**Prep Date:**		**06/23/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		11900	10.0	0	11880				0	25	

Sample ID:	**MBLK3-080623**	**Batch ID:**	**CONDS-06/23/08C**	**TestNo:**		**Agron 10-2.3**			**Units:**		**µmhos/cm**
SampType:	**MBLK**	**Run ID:**	**WC_080623A**	**Analysis Date:**		**06/23/08 04:00 PM**			**Prep Date:**		**06/23/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		ND	10.0								

Sample ID:	**LCS3-080623**	**Batch ID:**	**CONDS-06/23/08C**	**TestNo:**		**Agron 10-2.3**			**Units:**		**µmhos/cm**
SampType:	**LCS**	**Run ID:**	**WC_080623A**	**Analysis Date:**		**06/23/08 04:00 PM**			**Prep Date:**		**06/23/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		1350	10.0	1413	0	95.6	91	107			

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: 0806139
Project: Petronila Creek

ANALYTICAL QC SUMMARY REPORT

RunID: WC_080623A

Sample ID:	**ICV2-080624**	**Batch ID:**	**CONDS-06/24/08**	**TestNo:**		**Agron 10-2.3**		**Units:**		**µmhos/cm**	
SampType:	**ICV**	**Run ID:**	**WC_080623A**	**Analysis Date:**		**06/24/08 01:20 PM**		**Prep Date:**		**06/24/08**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		12300	10.0	12880	0	95.5	90	110			

Sample ID:	**CCV5-080624**	**Batch ID:**	**CONDS-06/24/08**	**TestNo:**		**Agron 10-2.3**		**Units:**		**µmhos/cm**	
SampType:	**CCV**	**Run ID:**	**WC_080623A**	**Analysis Date:**		**06/24/08 01:20 PM**		**Prep Date:**		**06/24/08**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		11800	10.0	12880	0	91.3	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: 0806139
Project: Petronila Creek

ANALYTICAL QC SUMMARY REPORT

RunID: WC_080623A

Sample ID:	**0806139-43A DUP**	**Batch ID:**	**CONDS-06/24/08D**	**TestNo:**		**Agron 10-2.3**			**Units:**		**µmhos/cm**
SampType:	**DUP**	**Run ID:**	**WC_080623A**	**Analysis Date:**		**06/24/08 01:20 PM**			**Prep Date:**		**06/24/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		43200	50.0	0	43500				0.576	25	

Sample ID:	**MB-080624**	**Batch ID:**	**CONDS-06/24/08D**	**TestNo:**		**Agron 10-2.3**			**Units:**		**µmhos/cm**
SampType:	**MBLK**	**Run ID:**	**WC_080623A**	**Analysis Date:**		**06/24/08 01:20 PM**			**Prep Date:**		**06/24/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		ND	10.0								

Sample ID:	**LCS-080624**	**Batch ID:**	**CONDS-06/24/08D**	**TestNo:**		**Agron 10-2.3**			**Units:**		**µmhos/cm**
SampType:	**LCS**	**Run ID:**	**WC_080623A**	**Analysis Date:**		**06/24/08 01:20 PM**			**Prep Date:**		**06/24/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		1340	10.0	1413	0	94.8	91	107			

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: 0806139
Project: Petronila Creek

ANALYTICAL QC SUMMARY REPORT

RunID: WC_080702C

Sample ID:	**ICV-080702**	**Batch ID:**	**CONDW-07/02/08**	**TestNo:**		**Agron 10-2.3**			**Units:**		**µmhos/cm**
SampType:	**ICV**	**Run ID:**	**WC_080702C**	**Analysis Date:**		**07/02/08 11:00 AM**			**Prep Date:**		**07/02/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		12900	10.0	12880	0	100	90	110			

Sample ID:	**MBLK-080702**	**Batch ID:**	**CONDW-07/02/08**	**TestNo:**		**Agron 10-2.3**			**Units:**		**µmhos/cm**
SampType:	**MBLK**	**Run ID:**	**WC_080702C**	**Analysis Date:**		**07/02/08 11:00 AM**			**Prep Date:**		**07/02/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		ND	10.0								

Sample ID:	**LCS-080702**	**Batch ID:**	**CONDW-07/02/08**	**TestNo:**		**Agron 10-2.3**			**Units:**		**µmhos/cm**
SampType:	**LCS**	**Run ID:**	**WC_080702C**	**Analysis Date:**		**07/02/08 11:00 AM**			**Prep Date:**		**07/02/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		1360	10.0	1413	0	96.2	91	107			

Sample ID:	**0806139-26A DUP**	**Batch ID:**	**CONDW-07/02/08**	**TestNo:**		**Agron 10-2.3**			**Units:**		**µmhos/cm**
SampType:	**DUP**	**Run ID:**	**WC_080702C**	**Analysis Date:**		**07/02/08 11:00 AM**			**Prep Date:**		**07/02/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		426	10.0	0	461.0				7.89	25	

Sample ID:	**CCV-080702**	**Batch ID:**	**CONDW-07/02/08**	**TestNo:**		**Agron 10-2.3**			**Units:**		**µmhos/cm**
SampType:	**CCV**	**Run ID:**	**WC_080702C**	**Analysis Date:**		**07/02/08 11:00 AM**			**Prep Date:**		**07/02/08**
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		12700	10.0	12880	0	98.7	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: 0806139
Project: Petronila Creek

ANALYTICAL QC SUMMARY REPORT

RunID: WC_080710A

Sample ID:	**ICV-080710**	**Batch ID:**	**CONDS-07/10/09**	**TestNo:**		**Agron 10-2.3**		**Units:**		**µmhos/cm**	
SampType:	**ICV**	**Run ID:**	**WC_080710A**	**Analysis Date:**		**07/10/09 11:05 AM**		**Prep Date:**		**07/10/09**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		12900	10.0	12880	0	100	90	110			

Sample ID:	**MBLK-080710**	**Batch ID:**	**CONDS-07/10/09**	**TestNo:**		**Agron 10-2.3**		**Units:**		**µmhos/cm**	
SampType:	**MBLK**	**Run ID:**	**WC_080710A**	**Analysis Date:**		**07/10/09 11:05 AM**		**Prep Date:**		**07/10/09**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		ND	10.0								

Sample ID:	**LCS-080710**	**Batch ID:**	**CONDS-07/10/09**	**TestNo:**		**Agron 10-2.3**		**Units:**		**µmhos/cm**	
SampType:	**LCS**	**Run ID:**	**WC_080710A**	**Analysis Date:**		**07/10/09 11:05 AM**		**Prep Date:**		**07/10/09**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		1360	10.0	1413	0	96.4	91	107			

Sample ID:	**0807031-01D DUP**	**Batch ID:**	**CONDS-07/10/09**	**TestNo:**		**Agron 10-2.3**		**Units:**		**µmhos/cm**	
SampType:	**DUP**	**Run ID:**	**WC_080710A**	**Analysis Date:**		**07/10/09 11:05 AM**		**Prep Date:**		**07/10/09**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		10200	10.0	0	10400				1.84	25	

Sample ID:	**0806139-31A DUP**	**Batch ID:**	**CONDS-07/10/09**	**TestNo:**		**Agron 10-2.3**		**Units:**		**µmhos/cm**	
SampType:	**DUP**	**Run ID:**	**WC_080710A**	**Analysis Date:**		**07/10/09 11:05 AM**		**Prep Date:**		**07/10/09**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		114000	250	0	102800				10.2	25	

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: 0806139
Project: Petronila Creek

ANALYTICAL QC SUMMARY REPORT

RunID: WC_080714A

Sample ID:	**ICV-080625**	**Batch ID:**	**CONDW-07/14/08**	**TestNo:**		**Agron 10-2.3**		**Units:**		**µmhos/cm**	
SampType:	**ICV**	**Run ID:**	**WC_080714A**	**Analysis Date:**		**07/14/08 04:30 PM**		**Prep Date:**		**07/14/08**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		12800	10.0	12880	0	99.5	90	110			

Sample ID:	**MBLK-080625**	**Batch ID:**	**CONDW-07/14/08**	**TestNo:**		**Agron 10-2.3**		**Units:**		**µmhos/cm**	
SampType:	**MBLK**	**Run ID:**	**WC_080714A**	**Analysis Date:**		**07/14/08 04:30 PM**		**Prep Date:**		**07/14/08**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		ND	10.0								

Sample ID:	**LCS-080625**	**Batch ID:**	**CONDW-07/14/08**	**TestNo:**		**Agron 10-2.3**		**Units:**		**µmhos/cm**	
SampType:	**LCS**	**Run ID:**	**WC_080714A**	**Analysis Date:**		**07/14/08 04:30 PM**		**Prep Date:**		**07/14/08**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		1410	10.0	1413	0	99.9	91	107			

Sample ID:	**0806139-46A DUP**	**Batch ID:**	**CONDW-07/14/08**	**TestNo:**		**Agron 10-2.3**		**Units:**		**µmhos/cm**	
SampType:	**DUP**	**Run ID:**	**WC_080714A**	**Analysis Date:**		**07/14/08 04:30 PM**		**Prep Date:**		**07/14/08**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		11700	10.0	0	11780				0.767	25	

Sample ID:	**CCV-080714**	**Batch ID:**	**CONDW-07/14/08**	**TestNo:**		**Agron 10-2.3**		**Units:**		**µmhos/cm**	
SampType:	**CCV**	**Run ID:**	**WC_080714A**	**Analysis Date:**		**07/14/08 04:30 PM**		**Prep Date:**		**07/14/08**	
Analyte		**Result**	**RL**	**SPK value**	**Ref Val**	**%REC**	**LowLimit**	**HighLimit**	**%RPD**	**RPD Limit**	**Qual**
Specific Conductance		12500	10.0	12880	0	97.3	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

Background

Sixty-nine soil samples, two field duplicate samples, and two equipment rinsate blanks were collected on June 16, 17, and 18, 2008 at the Petronila Creek site. DHL Analytical in Round Rock, Texas generated data for these samples according to the following methods:

- Chloride by SW846 Method 9056
- Specific Conductance by American Society of Agronomy Method 10-2.3
- Percent Moisture by ASTM Method D2216

TRC Quality Assurance (QA) staff reviewed resultant data on July 21, 2008. Two data packages were reviewed to generate this document. Sample identifiers cross-referenced to laboratory identifications are presented in Table 1. Data were reviewed for compliance with the criteria presented in *Investigations of Increased Salinity Along Petronila Creek (Segment 2204) Quality Assurance Project Plan* (Railroad Commission of Texas, March 2008) (the QAPP). Items reviewed during the data validation process included the following:

- Sample integrity
- Sensitivity
- Blank analyses
- Spike recoveries
- Duplicate recoveries
- Completeness

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 Preservation and Holding Times

Maximum holding times and sample preservation guidelines are established for each method to reduce the chance of generating results that are not representative of the original sample due to changes in analyte concentration. Adequate sample preservation is documented on chain-of-custody records for all samples. All sample preparation and analytical steps were performed within specified holding times.

Sensitivity

Sensitivity is the ability of the method or the instrument to detect the contaminants of concern at the level of interest (*i.e.*, having adequate reporting limits) and is only of concern for non-detected parameters. All parameters were detected in all reported analyses. No issues for sensitivity were identified.

Blank Analyses

Blanks are analyzed to help ensure that reported concentrations of analytes of interest are not biased high due to contributions from sources outside the media (or the site) being investigated. The blanks analyzed as part of this event were laboratory method blanks and equipment rinsate blanks.

Laboratory Method Blank—An aliquot of reagent matrix taken through the analytical process as though it were an actual sample. The purpose of method blank analyses is to monitor for laboratory sources of contamination.

Target analytes were not detected in method blanks indicating that laboratory efforts to control internal sources of contamination were successful.

Equipment Rinsate Blank—Aliquots of commercially available distilled water that are poured over and/or through decontaminated sample collection equipment. The purpose of equipment blank analyses is to monitor for sources of contamination introduced via sampling equipment.

Chloride (0.689 mg/L) and specific conductance (15.3 umhos/cm) were detected in the equipment blank identified as P-EB-S-06-16-08-1. No data interpretation issues are indicated since field sample chloride concentrations are more than 10 times and specific conductivity results are more than 100 times the equipment blank concentration in associated samples.

Chloride (1.31 mg/L) and specific conductance (11.3 umhos/cm) were detected in the equipment blank identified as P-EB-S-06-18-08-2. No data interpretation issues are indicated since field sample chloride concentrations are more than 50 times and specific conductivity results are more than 40 times the equipment blank concentration in associated samples.

Spike Recoveries

Spiked samples are samples into which known amounts of analytes of interest have been added. Spike recoveries can be used to assess measurement accuracy. Laboratory control sample (LCS) and matrix spike (MS) analyses were included in the QC effort associated with the samples collected as part of this event.

Laboratory Control Samples—Target analytes are spiked at known concentrations into analyte-free matrix and processed (prepared and analyzed) with the project samples. This type of spiked sample is analyzed to assess the preparatory and analytical control of the laboratory in the absence of matrix effects.

All LCS recoveries fall within QAPP-defined limits indicating that measurement control was adequate at the time of sample analyses.

Matrix Spikes—A matrix spike (MS) sample is a field sample that is spiked at known concentrations with target analytes. Both spiked and un-spiked aliquots of this sample are analyzed. This type of spiked sample is analyzed to assess matrix effects for the specific sites associated with the investigation as well as on the preparatory and analytical procedures.

Samples P-SB-39-5-7, P-EB-S-06-16-08-01, P-SB-32-5-7, P-SB-52 (5-7), P-SB-60 (5-7), and P-SS-30 (1-2) were analyzed as MS/MSD pairs for chloride. All recoveries are within control limits and data are not qualified based on these results.

Duplicate Sample Analyses

Measurement precision can be estimated by calculating the relative percent difference (RPD) between recoveries of the corresponding duplicate samples. The analysis of duplicate LCS analyses (LCSD), duplicate MS analyses (MSD), laboratory duplicates, and field duplicates were included in the QC effort associated with the samples collected in this event.

Laboratory Control Sample Duplicates—A laboratory control sample duplicate is a second laboratory-spiked aliquot of a blank matrix. LCS/LCSD pairs provide an indication of measurement variability in sample preparation and analysis in the absence of potential matrix effects. LCS/LCSD pairs are reported in association with metals analytical as well as anion analyses.

All reported RPD values fall within laboratory-specified limits indicating adequate precision in the absence of potential matrix interferences.

Matrix Spike Duplicates—A matrix spike duplicate is a second spiked aliquot of a single field sample. The matrix spike/matrix spike duplicate (MS/MSD) pairs provide an indication of measurement variability in sample preparation and analysis given the presence of matrix effects.

All reported RPD values for MS/MSD pairs are within laboratory-derived limits indicating adequate precision in the presence of potential matrix interferences.

Laboratory Duplicates—A laboratory duplicate is an analysis of a field sample initiated in the laboratory to satisfy a method, procedural, or policy requirement. The client does not request laboratory duplicate analyses and a separate sample is not collected. Laboratory duplicate pairs provide an added indication of measurement variability in sample preparation and analysis as well as sample collection procedures given the presence of potential matrix effects.

The following samples were analyzed as laboratory duplicates:

- P-SB-37-9-10, P-SB-41-5-7, P-SB-56 (5-7), P-SS-27 (0-1), and P-SS-30 (1-2)D for chloride

- P-SB-33-9-10, P-SB-41-5-7, P-SS-30 (1-2)D, P-SB-60 (5-7), P-SB-53 (5-7), P-SB-44 (9-10), and P-SB-61 (1-2) for percent moisture
- P-EB-S-06-16-08-01, P-SB-32-5-7, P-SB-38-5-7, P-SB-39-5-7, P-EB-S-06-18-08-02, P-SB-47 (9-10), P-SB-56 (5-7), P-SS-17 (2-3), P-SS-30 (1-2)D, P-SS-27 (0-1), P-SB-61 (1-2), P-SS-15 (0-1), and P-SS-30 (1-2) for specific conductivity

Reported RPD values are within QAPP-specified limits indicating adequate precision in the presence of potential matrix interferences for these analyses.

Field Duplicates—A field duplicate is a second field sample taken as close in space and time as another sample. Field duplicate pairs provide an indication of measurement variability in sample preparation and analysis as well as sample collection procedures given the presence of potential matrix effects.

Samples P-SB-40-5-7 was submitted as field duplicates. Calculated RPD values are presented in Tables 2. Data are not qualified based on these field duplicate results.

Samples P-SS-30 (1-2) was submitted as field duplicates. Calculated RPD values are presented in Tables 3. Data are not qualified based on these field duplicate results.

Completeness

All submitted samples were analyzed for all requested analytes. No results are rejected. Therefore, completeness for both the field and laboratory efforts is calculated to be 100%. The QAPP-specified field completeness objective of 90% is met. The laboratory completeness objective of 95% is also met for this event.

Conclusions

QC data associated with laboratory measurements indicate that measurement data are defensible and that measurement data reliability is within expected limits of sampling and analytical error. Data interpretation issues were not identified in this evaluation.

Table 1: Cross-Reference of Field Sample Identifications and Laboratory Identifications

Sample Identifier	Collection Date	Matrix	Lab Identifier
P-SB-23-5-7	6/16/2008	Soil	0806118-01
P-SB-24-5-7	6/16/2008	Soil	0806118-02
P-SB-25-5-7	6/16/2008	Soil	0806118-03
P-SB-26-5-7	6/16/2008	Soil	0806118-04
P-SB-27-5-7	6/16/2008	Soil	0806118-05
P-SB-28-5-7	6/16/2008	Soil	0806118-06
P-SB-29-5-7	6/16/2008	Soil	0806118-07
P-SB-30-5-7	6/16/2008	Soil	0806118-08
P-SB-31-5-7	6/16/2008	Soil	0806118-09
P-SB-32-5-7	6/16/2008	Soil	0806118-10
P-SB-33-5-7	6/16/2008	Soil	0806118-11
P-SB-33-9-10	6/16/2008	Soil	0806118-12
P-SB-34-5-7	6/16/2008	Soil	0806118-13
P-SB-34-11-12	6/16/2008	Soil	0806118-14
P-SB-35-5-7	6/16/2008	Soil	0806118-15
P-SB-36-5-7	6/16/2008	Soil	0806118-16
P-SB-36-9-10	6/16/2008	Soil	0806118-17
P-SB-37-5-7	6/16/2008	Soil	0806118-18
P-SB-37-9-10	6/16/2008	Soil	0806118-19
P-EB-S-06-16-08-01	6/16/2008	Water	0806118-20
P-SB-38-5-7	6/16/2008	Soil	0806118-21
P-SB-39-5-7	6/17/2008	Soil	0806118-22
P-SB-40-5-7	6/17/2008	Soil	0806118-23
P-SB-40-5-7-D	6/17/2008	Soil	0806118-24
P-SB-40-9-10	6/17/2008	Soil	0806118-25
P-SB-41-5-7	6/17/2008	Soil	0806118-26
P-SB-42 (5-7)	6/17/2008	Soil	0806139-01
P-SB-43 (5-7)	6/17/2008	Soil	0806139-02
P-SB-44 (5-7)	6/17/2008	Soil	0806139-03
P-SB-44 (9-10)	6/17/2008	Soil	0806139-04
P-SB-45 (1-2)	6/17/2008	Soil	0806139-05
P-SB-45 (5-7)	6/17/2008	Soil	0806139-06
P-SB-45 (9-10)	6/17/2008	Soil	0806139-07
P-SB-46 (5-7)	6/17/2008	Soil	0806139-08
P-SB-47 (5-7)	6/17/2008	Soil	0806139-09
P-SB-47 (9-10)	6/17/2008	Soil	0806139-10
P-SB-48 (5-7)	6/17/2008	Soil	0806139-11
P-SB-49 (5-7)	6/17/2008	Soil	0806139-12
P-SB-50 (5-7)	6/17/2008	Soil	0806139-13
P-SB-51 (5-7)	6/17/2008	Soil	0806139-14

Table 1: Cross-Reference of Field Sample Identifications and Laboratory Identifications (continued)

Sample Identifier	Collection Date	Matrix	Lab Identifier
P-SB-52 (5-7)	6/18/2008	Soil	0806139-15
P-SB-53 (5-7)	6/18/2008	Soil	0806139-16
P-SB-54 (1-2)	6/18/2008	Soil	0806139-17
P-SB-54 (9-10)	6/18/2008	Soil	0806139-18
P-SB-55 (5-7)	6/18/2008	Soil	0806139-19
P-SB-56 (5-7)	6/18/2008	Soil	0806139-20
P-SB-57 (5-7)	6/18/2008	Soil	0806139-21
P-SB-58 (5-7)	6/18/2008	Soil	0806139-22
P-SB-58 (9-10)	6/18/2008	Soil	0806139-23
P-SB-59 (5-7)	6/18/2008	Soil	0806139-24
P-SB-60 (5-7)	6/18/2008	Soil	0806139-25
P-SB-61 (1-2)	6/18/2008	Soil	0806139-26
P-SB-61 (5-7)	6/18/2008	Soil	0806139-27
P-SB-61 (9-10)	6/18/2008	Soil	0806139-28
P-EB-S-06-18-08-02	6/19/2008	Soil	0806139-29
P-SS-14 (0-1)	6/18/2008	Soil	0806139-30
P-SS-15 (0-1)	6/18/2008	Soil	0806139-31
P-SS-16 (0-1)	6/18/2008	Soil	0806139-32
P-SS-17 (2-3)	6/18/2008	Soil	0806139-33
P-SS-18 (0-1)	6/18/2008	Soil	0806139-34
P-SS-19 (1-3)	6/18/2008	Soil	0806139-35
P-SS-20 (0-1)	6/18/2008	Soil	0806139-36
P-SS-21 (0-1)	6/18/2008	Soil	0806139-37
P-SS-22 (0-1)	6/18/2008	Soil	0806139-38
P-SS-23 (0-1)	6/18/2008	Soil	0806139-39
P-SS-24 (0-1)	6/18/2008	Soil	0806139-40
P-SS-25 (0-1)	6/18/2008	Soil	0806139-41
P-SS-26 (3-4)	6/18/2008	Soil	0806139-42
P-SS-27 (0-1)	6/18/2008	Soil	0806139-43
P-SS-28 (2-3)	6/18/2008	Soil	0806139-44
P-SS-29 (0-1)	6/18/2008	Soil	0806139-45
P-SS-30 (1-2)	6/18/2008	Soil	0806139-46
P-SS-30 (1-2)D	6/18/2008	Soil	0806139-47

Table 2: Calculated RPD Values for Field Duplicate Analyses of Sample P-SB-40-5-7

Analyte	Results		Units	RPD
	P-SB-40-5-7	P-SB-40-5-7-D		
Chloride	2890	2860	mg/kg	1.0
Percent Moisture	21.2	21.2	Wt%	0
Specific Conductance	4870	5660	umhos/cm	15

Bold font indicates an RPD value that is greater than expected.
RPD Relative Percent Difference

Table 3: Calculated RPD Values for Field Duplicate Analyses of Sample P-SS-30 (1-2)

Analyte	Results		Units	RPD
	P-SS-30 (1-2)	P-SS-30 (1-2)D		
Chloride	9460	9460	mg/kg	0
Percent Moisture	24.2	24.2	Wt%	0
Specific Conductance	11800	11800	umhos/cm	0

Bold font indicates an RPD value that is greater than expected.
RPD Relative Percent Difference

Attachment A

Petronila Creek Data Evaluation

Review Checklists

Analytical Data Review / Validation Checklist

Date of Review:	**7/21/2008**	Work Order:	**0806118**
Reviewed By:	**Steve Miller**	Analytical Method:	**Chloride; Moisture; Conductance**
Client/Project:	**RRC - Petronila**	Matrix:	**Soil**
Data From:	**DHL Analytical**		

Reviewer's Signature/Date:

Question	Answer	Comment
1. Did samples arrive at the laboratory appropriately preserved?	Yes	
2. Were hold times met?	Yes	
3. Are results reported for all target analytes, with no additional analytes?	Yes	
4. Was the analytical method followed?	Yes	
5. Do reported detection limits (or reporting limits) agree with project specifications (QAPP or Work Plan)?	Not Applicable	No non-detected results reported
6. Are results reported for all samples submitted for analysis?	Yes	
7. Were initial and continuing instrument calibration analyses performed? and reported?	Yes	
8. Are results provided for a method blank for each analytical batch?	Yes	
9. Are results provided for a LCS/LCSD pair for each analytical batch?	Yes	LCS only for conductivity. Neither for moisture.
10. Are results provided for a MS/MSD pair for every batch - or are results provided for every 20 field samples?	Yes	Chloride only.
11. Are field duplicate results provided at the project-specified (QAPP or Work Plan) frequency?	Yes	
12. Organic Analyses Only: For each field sample (field and QC), are surrogate spike results provided?	Not Applicable	
13. Do method blanks show no detectable cocentrations of target analytes?	Yes	
14. Are LCS/LCSD recoveries and RPDs within limits?	Yes	
15. Are MS/MSD recoveries and RPDs within limits?	Yes	
16. Are surrogate recoveries within limits?	Not Applicable	
17. The laboratory did not issue any QCERS?	Yes	
18. The analyst did not describe any analytical anomalies?	Yes	
19. No other potential data quality issues were identified?	Yes	Lab duplicate RPD values within expected limits.

Analytical Data Review / Validation Checklist

Date of Review:	**7/21/2008**	Work Order:	**0806139**
Reviewed By:	**Steve Miller**	Analytical Method:	**Chloride; Moisture; Conductance**
Client/Project:	**RRC - Petronila**	Matrix:	**Soil**
Data From:	**DHL Analytical**		

Reviewer's Signature/Date:

Question	Answer	Comment
1. Did samples arrive at the laboratory appropriately preserved?	Yes	
2. Were hold times met?	Yes	
3. Are results reported for all target analytes, with no additional analytes?	Yes	
4. Was the analytical method followed?	Yes	
5. Do reported detection limits (or reporting limits) agree with project specifications (QAPP or Work Plan)?	Not Applicable	No non-detected results reported
6. Are results reported for all samples submitted for analysis?	Yes	
7. Were initial and continuing instrument calibration analyses performed? and reported?	Yes	
8. Are results provided for a method blank for each analytical batch?	Yes	
9. Are results provided for a LCS/LCSD pair for each analytical batch?	Yes	LCS only for conductivity. Neither for moisture.
10. Are results provided for a MS/MSD pair for every batch - or are results provided for every 20 field samples?	Yes	Chloride only.
11. Are field duplicate results provided at the project-specified (QAPP or Work Plan) frequency?	Yes	
12. Organic Analyses Only: For each field sample (field and QC), are surrogate spike results provided?	Not Applicable	
13. Do method blanks show no detectable cocentrations of target analytes?	Yes	
14. Are LCS/LCSD recoveries and RPDs within limits?	Yes	
15. Are MS/MSD recoveries and RPDs within limits?	Yes	
16. Are surrogate recoveries within limits?	Not Applicable	
17. The laboratory did not issue any QCERS?	Yes	
18. The analyst did not describe any analytical anomalies?	Yes	
19. No other potential data quality issues were identified?	Yes	Lab duplicate RPD values within expected limits.

APPENDIX C

ENGINEER'S COST ESTIMATE

Appendix C - Engineers Cost Estimate

Railroad Commission of Texas - Petronila Creek Soil Feasibility Study

CONSTRUCTION COST ESTIMATE FOR SUBSURFACE CAP FOR AREA 2

Date:07/21/08
By: TJK
Checked By: JAL

Areas of Excavation	Length	Width	Depth	Volume (ft^3)	Volume (cy)	Bulking Factor	Ex-Situ Volume
2	65	85	4.00	22100	819	1.4	1,146
Total				**22100**	**819**		**1,146**
Total Area	5525	sf					

BASIS OF ESTIMATE

Estimated Project Total =	$250,000								
	Months	Days							
Estimated Project Duration =	0.3	7.5							
						TOTAL			
			MATERIAL	LABOR	EQUIPMENT	UNIT PRICE		Duration	
DESCRIPTION	**QUANTITY**	**UNIT**	**$ / UNIT**	**$ / UNIT**	**$ / UNIT**	**$ / UNIT**	**COST**	**(hours)**	
MOBILIZATION/DEMOBILIZATION									
Mobilization/Demobilization Equipment, Materials, and Personnel	1	LS				19936.75	$19,937		10% of Construction Subtotal Cost
					Mob/Demob Subtotal (Clay Cap)		**$19,937**		
GENERAL SITE PREPARATION									
Field Office Staff - PjM, Super, Clerk, Field Engr, Laborer, H&S, QC	0	MWK		8160.00		8160.00	$2,804		
Temporary Storage Trailer and Office	0.3	MO	357.82			357.82	$122		
PPE - boots, hard hats, ear plugs, gloves, safety glasses	50	EA	65.86			65.86	$4,215		
Medium Brush with average grub and some trees, clearing	0.13	ACRE	0.00	217.84	399.18	617.02	$100		Env. Means 33 08 0542 (2004) adj. for inflation
Filter Barrier	8448	LF	0.70	1.41		2.11	$22,816		Env. Means 17 03 0423 (2004) adj. for inflation
General Area Cleanup	0.13	ACRE	0.00	179.36	114.34	293.70	$48		Env. Means 33 08 0507 (2004) adj. for inflation
Rough Grading, 14G, 1 pass	614	SY		0.34	0.61	0.95	$746		Env. Means 18 05 0301 (2004) adj. for inflation
									TRC Cost Model Template, Feb 2007
					General Site Prep Subtotal		**$30,106**		Env. Means 33 08 0574 (2004) adj. for inflation
EXCAVATION & DISPOSAL									
TRC Project Management	9	HR		105.00		105.00	$896		Average of estimates from USA, Columbia and TAS
TRC Oversight & Sampling	64	HR		85.00		85.00	$5,442		Average of estimates from USA, Columbia and TAS
TRC Equipment and Materials	8	DA		250.00		250.00	$2,001		Average of estimates from USA, Columbia and TAS
Excavation Contractor Expendables and Misc. Equipment	1	LS		10000.00		10000.00	$10,000		Average of estimates from USA, Columbia and TAS
Long Arm Excavator (2)	8	DA		3600.00		3600.00	$28,812		Average of estimates from USA, Columbia and TAS
Case 580 Backhoe (2)	8	DA		600.00		600.00	$4,802		Average of estimates from USA, Columbia and TAS
Roller attachment	8	DA		150.00		150.00	$1,201		Average of estimates from USA, Columbia and TAS
Supervisor	64	HR		60.00		60.00	$3,842		Average of estimates from USA, Columbia and TAS
Technician (2)	64	HR		80.00		80.00	$5,122		Average of estimates from USA, Columbia and TAS
Equipment Operator (4)	64	HR		220.00		220.00	$14,086		Average of estimates from USA, Columbia and TAS
Transportation - Petronila to US Liquids (Rincon, TX)	7162	MI				4.00	$28,648		Messer Construction Quote
Disposal of RRC Solid Waste - Water Based Contaminated Soil	1,146	CY		15.00		15.00	$17,189		US Liquids Quote
Disposal of RRC Solid Waste - Oil Based Contaminated Soil		CY		30.00		30.00			US Liquids Quote
Decontamination Pad Construction and Removal	1	LS		4000.00		4000.00	$4,000		Average of estimates from USA, Columbia and TAS
Equipment Decontamination	1	LS		4000.00		4000.00	$4,000		Average of estimates from USA, Columbia and TAS
Disposal of Non-Hazardous Liquids	305	BBL		3.00		3.00	$915		Average of estimates from USA, Columbia and TAS
Delivery of Borrow Fill	716	CY		20.00		20.00	$14,324		Average of estimates from USA, Columbia and TAS
Backfill with Excavated Material	716	CY		5.40		5.40	$3,868		Average of estimates from USA, Columbia and TAS
					Excavation & Disposal Subtotal		**$149,148**		
CLAY CAP INSTALLATION									
Clay 10E-7, 6" Lifts (1.5' cap)	307	CY	7.51	5.19	8.86	21.56	$8,471		
Finished grade and landscaping	0.13	AC		1000.00		1000.00	$127		
Treesap Based, Overall Dust Suppresant	614	SY	0.25	0.83	0.85	1.93	$1,517		Env. Means 33 08 0501(2004), rounded up and adj. for inflation
					Clay Cap Subtotal		**$10,114**		
OTHER									
Traffic Control Plan (Creating Plans and Field Implementation)	1	LS				0.00			
Stormwater Pollution Prevention Plan (SWPPP)	1	LS		10000.00		10000.00	$10,000.00		
						Other Subtotal	$10,000		
					Construction Subtotal=		**$199,367**		
					Construction Contingency (15%) =		**$29,905**		
					Construction Total =		**$250,000**		
						Cost Per CY	**$218**		

Appendix C - Engineers Cost Estimate

Railroad Commission of Texas - Petronila Creek Soil Feasibility Study

CONSTRUCTION COST ESTIMATE FOR EXCAVATION OF AREAS 6 AND 7

Date:07/21/08
By: TJK
Checked By: JAL

Areas of Excavation	Length	Width	Depth	Volume (ft^3)	Volume (cy)	Bulking Factor	Ex-Situ Volume
6 (segment north of CR24 bridge)	3520	15	2.00	105600	3911	1.4	5,476
6 (segment south of CR24 bridge)	2560	15	2.00	76800	2844	1.4	3,982
7	8000	15	2.00	240000	8889	1.4	12,444
Total				**422400**	**15644**		**21,902**
Total Area	172800	sf					

Estimated Project Total =	$2,346,000		
	Months	Weeks	Days
Estimated Project Duration =	0.7	3	21

DESCRIPTION	QUANTITY	UNIT	MATERIAL $ / UNIT	LABOR $ / UNIT	EQUIPMENT $ / UNIT	TOTAL UNIT PRICE $ / UNIT	COST	Duration (hours)	BASIS OF ESTIMATE
PRE-PLANNING									
Coordination	60	HR		85.00		85.00	$5,100	60	Average of estimates from USA, Columbia and TAS
Health and Safety Plan	1	LS		4000.00		4000.00	$4,000	-	Average of estimates from USA, Columbia and TAS
Soil Management Plan	1	LS		5000.00		5000.00	$5,000	-	Average of estimates from USA, Columbia and TAS
Traffic Control Plan	48	HR		$85.00		85.00	$4,080		TRC Exp with TxDOT Sites
						Pre-Planning Subtotal	**18,180**		
MOBILIZATION/DEMOBILIZATION									
Mobilization/Demobilization Equipment, Materials, and Personnel	1	LS				187677.73	$187,678	-	10% of Construction Subtotal Cost
						Mob/Demob Subtotal	**$187,678**		
GENERAL SITE PREPARATION									
Field Office Staff - PjM, Super, Clerk, Field Engr, Laborer, H&S, QC	5.1	MWK		8160.00		8160.00	$53,600		Env. Means 17 03 0201 (2004) adj. for inflation
Temporary Storage Trailer and Office with heat	1	MO	357.82			357.82	$458		Means 99-04-0202, 0101, 0601 (2004) adj. for inflation
Construction Fencing	21187.5	LF	2.16	0.21	0.11	2.48	$67,258		Means 18 04 0110 (2004) adj. for inflation
PPE - boots, hard hats, ear plugs, gloves, safety glasses	50	EA	65.37			65.37	$4,184		Env. Means 33-01-0414, 0415, 0418, 0421, 0423, 0424, 0425, 0426, 0428, 0429 (2004) adj. for inflation
Medium Brush with average grub and some trees, clearing	4.0	ACRE	0.00	217.84	399.18	617.02	$3,159		Means 17 01 0103 (2004) adj. for inflation
Filter Barrier	21187.5	LF	0.70	1.41		2.11	$57,223		Means 18 05 0206 (2004) adj. for inflation
General Area Cleanup	4.0	ACRE	0.00		114.34	457.36	$2,342		Means 17 04 0101 (2004) adj. for inflation
Traffic Control Equipment (Signs/Barricades, etc)	0.7	MO			10000.00	10000.00	$9,483		N-Line Traffic - Austin
						General Site Prep Subtotal	**$197,707**		
EXCAVATION & DISPOSAL									
TRC Project Management	24	HR		105.00		105.00	$2,489		Average of estimates from USA, Columbia and TAS
TRC Oversight & Sampling	178	HR		85.00		85.00	$15,114		Average of estimates from USA, Columbia and TAS
TRC Equipment and Materials	22	DA		250.00		250.00	$5,557		Average of estimates from USA, Columbia and TAS
Excavation Contractor Expendables and Misc. Equipment	1	LS		10000.00		10000.00	$10,000		Average of estimates from USA, Columbia and TAS
Long Arm Excavator (2)	22	DA		3600.00		3600.00	$80,016		Average of estimates from USA, Columbia and TAS
Case 580 Backhoe (2)	22	DA		600.00		600.00	$13,336		Average of estimates from USA, Columbia and TAS
Roller attachment	22	DA		150.00		150.00	$3,334		Average of estimates from USA, Columbia and TAS
Supervisor	178	HR		60.00		60.00	$10,669		Average of estimates from USA, Columbia and TAS
Technician (2)	178	HR		80.00		80.00	$14,225		Average of estimates from USA, Columbia and TAS
Equipment Operator (4)	178	HR		220.00		220.00	$39,119		Average of estimates from USA, Columbia and TAS
Transportation - Petronila to Eco Mud (Alice)	136889	MI				4.00	$547,556		Messer Construction Quote
Disposal of RRC Solid Waste	21902	CY		15.00		15.00	$328,533		US Liquids Quote
Disposal of Miscellaneous Debris at municipal landfill (garbage, shrubs, etc	400	CY		8.00		25.00	$12,800		El Centro Landfill quote - MSW in Robstown, TX
Decontamination Pad Construction and Removal	1	LS		4000.00		4000.00	$4,000		Average of estimates from USA, Columbia and TAS
Equipment Decontamination	1	LS		4000.00		4000.00	$4,000		Average of estimates from USA, Columbia and TAS
Disposal of Non-Hazardous Liquids	847	BBL		3.00		3.00	$2,540		Average of estimates from USA, Columbia and TAS
Delivery of Borrow Fill	21902	CY		20.00		20.00	$438,044		Average of estimates from USA, Columbia and TAS
Backfill with Excavated Material	21902	CY		5.40		5.40	$118,272		Average of estimates from USA, Columbia and TAS
						Excavation & Disposal Subtotal	**$1,649,606**		
VERIFICATION SAMPLING									
Confirmation Testing (1/500 ft; 15 minimum)	15	Per Sample		200.00		200.00	$3,000		TRC Cost Model Template, Feb 2007
Soil Disposal Testing (1 per 500CY + 10% QAQC - Check w/ Landfill)	49	Per Sample		65.00		65.00	$3,185		TRC Cost Model Template, Feb 2007
						Verification Sampling Subtotal	**$6,185**		
OTHER									
Stormwater Pollution Prevention Plan (SWPPP)	60	HR		85.00		85.00	$5,100.00		Average of estimates from USA, Columbia and TAS
						Other Subtotal	**$5,100**		
						Construction Subtotal =	**$1,876,777**		
						Construction Contingency (15%) =	**$281,517**		
						Construction Total =	**$2,346,000**		
						Average Cost Per Cubic Yard	**$107**		

APPENDIX D

LETTER OF DETERMINATION

DEPARTMENT OF THE ARMY
GALVESTON DISTRICT, CORPS OF ENGINEERS
Corps Christi Regulatory Field Office
5151 Flynn Parkway, Suite 306
Corps Christi, Texas 78411-4318

REPLY TO
ATTENTION OF:

August 28, 2008

Regulatory Branch

SUBJECT: SWG-2008-00672

TRC
Attention: Carla Kartman
505 East Huntland Drive, Suite 250
Austin, Texas 78752-3740

Ladies and Gentlemen:

This is in reference to your May 30, 2008, letter, requesting a jurisdictional determination for sections of the Clara Driscoll Drainage Ditch and North Clara Driscoll Drainage Ditch. The portion of the Clara Driscoll Drainage Ditch under review is located adjacent to County Road (CR) 18 along the section of the CR located between CR 75 and CR 77. The portion of the North Clara Driscoll Drainage Ditch under review is located along CR 75 including the portion that crosses CR 24. Both sites are located approximately 2 miles east of Driscoll, Nueces County, as shown on the enclosed plans in 2 sheets.

According to the information in your letter, the two drainage ditches collect surface water run-off from the surrounding farm and agricultural land, and in the past also collected water from oil and gas operations. Based on our review of this information, the U.S.G.S. Quad Map and NWI map for Driscoll, NE Texas, the Soil Survey for Nueces County, and the FEMA FIRM map for Nueces County, Community Panels 485494, 0475C (March 18, 1985), we have determined that the proposed work is not subject to Corps of Engineers' jurisdiction. Non-tidal drainage ditches constructed in uplands are typically not considered waters of the U.S. Only activities that impact navigable waters or involve fill in waters of the U.S., including wetlands, require a Department of the Army permit. Therefore, no permit is required for your proposed work. Best management practices, such as maintaining silt fences while work is performed in and around the ditches, must be utilized when working near Petronila Creek to prevent erosion and protect the water quality of jurisdictional waters of the U.S.

This determination has been conducted to identify the limits of the Corps of Engineers' Clean Water Act jurisdiction for the particular site identified in this request. This determination may not be valid for the wetland conservation provision of the Food Security Act of 1985, as amended. If the owner or their

tenant are USDA program participants or anticipate participation in the USDA programs, then they should request a certified wetland determination from the local office of the Natural Resources Conservation Service prior to starting work.

This letter contains an approved jurisdictional determination for your subject site. If you object to this determination, you may request an administrative appeal under Corps regulations at 33 CFR Part 331. Enclosed you will find a combined Notification of Administrative Appeal Options and Process (NAP) and Request for Appeal (RFA) form. If you request to appeal this determination you must submit a completed RFA form to the Southwestern Division Office at the following address:

James E. Gilmore, Appeal Review Officer
Southwestern Division, CESWD-PDS-O
1100 Commerce Street, Suite 831, Room 8E9
Dallas, Texas 75242-1317

Telephone: 469-487-7061; FAX: 469-487-7199

In order for an RFA to be accepted by the Corps, the Corps must determine that it is complete, that it meets the criteria for appeal under 33 C.F.R. part 331.5, and that it has been received by the Division Office within 60 days of the date of the NAP. Should you decide to submit an RFA form, it must be received at the above address within 60 days of the date of this letter.

It is not necessary to submit an RFA form to the Division office if you do not object to the determination in this letter.

This approved determination is valid for five years from the date of this letter unless new information warrants revision before the expiration date. Please reference the determination number SWG-2008-00672 in future correspondence pertaining to this project. If you have questions concerning this matter, please contact Marie C. Pattillo at the letterhead address or by telephone at 361-814-5847.

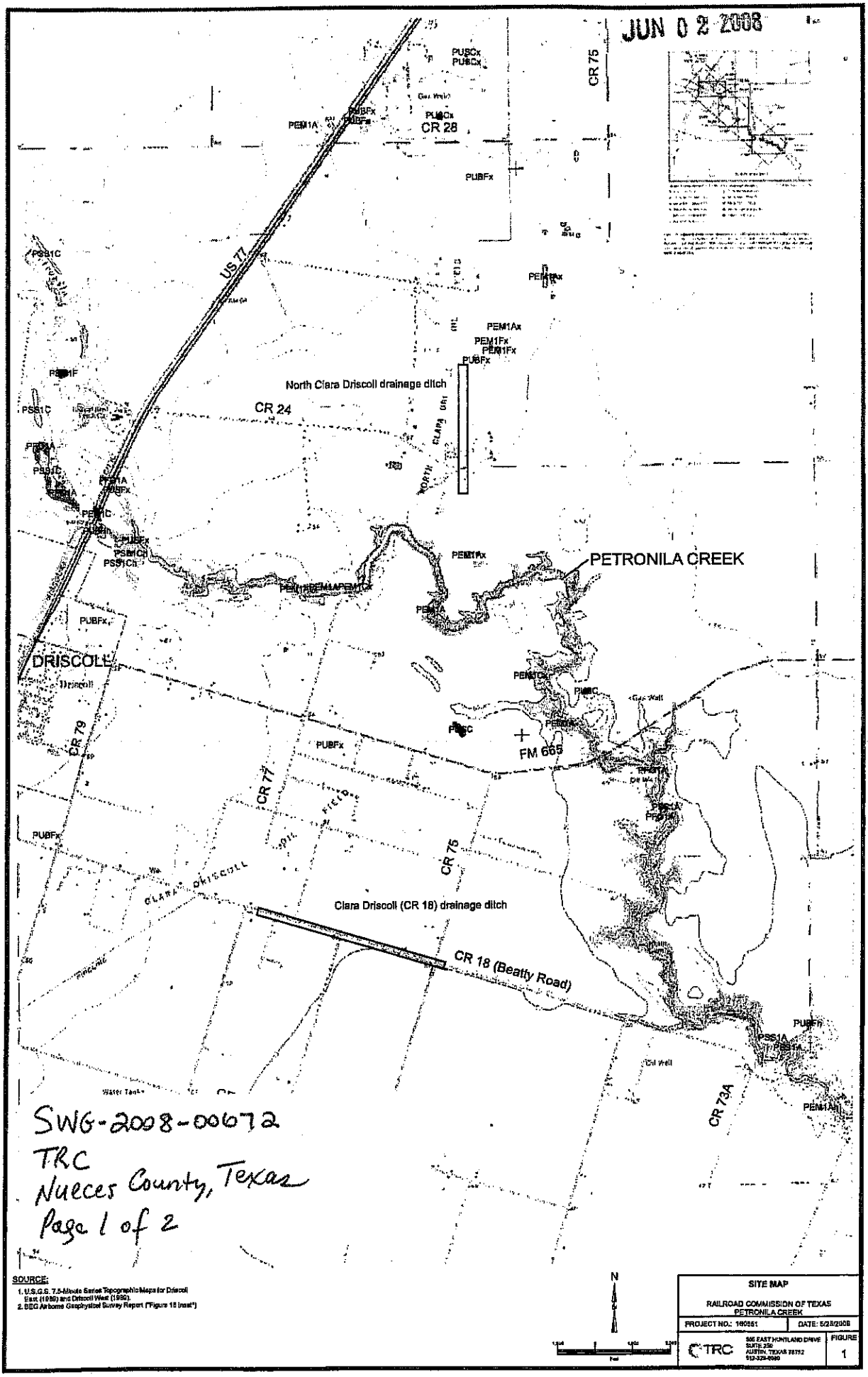
Sincerely,

Lloyd Mullins
Unit Leader
Corpus Christi Regulatory Field Office

Enclosures

SWG-2008-00672

JUN 02 2008



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TRC
Nueces County, Texas
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SOURCE:
1. U.S.G.S. 7.5-Minute Series Topographic Maps for Driscoll East (1980) and Driscoll West (1980).
2. SEG Airborne Geophysical Survey Report ("Figure 15 Inset")

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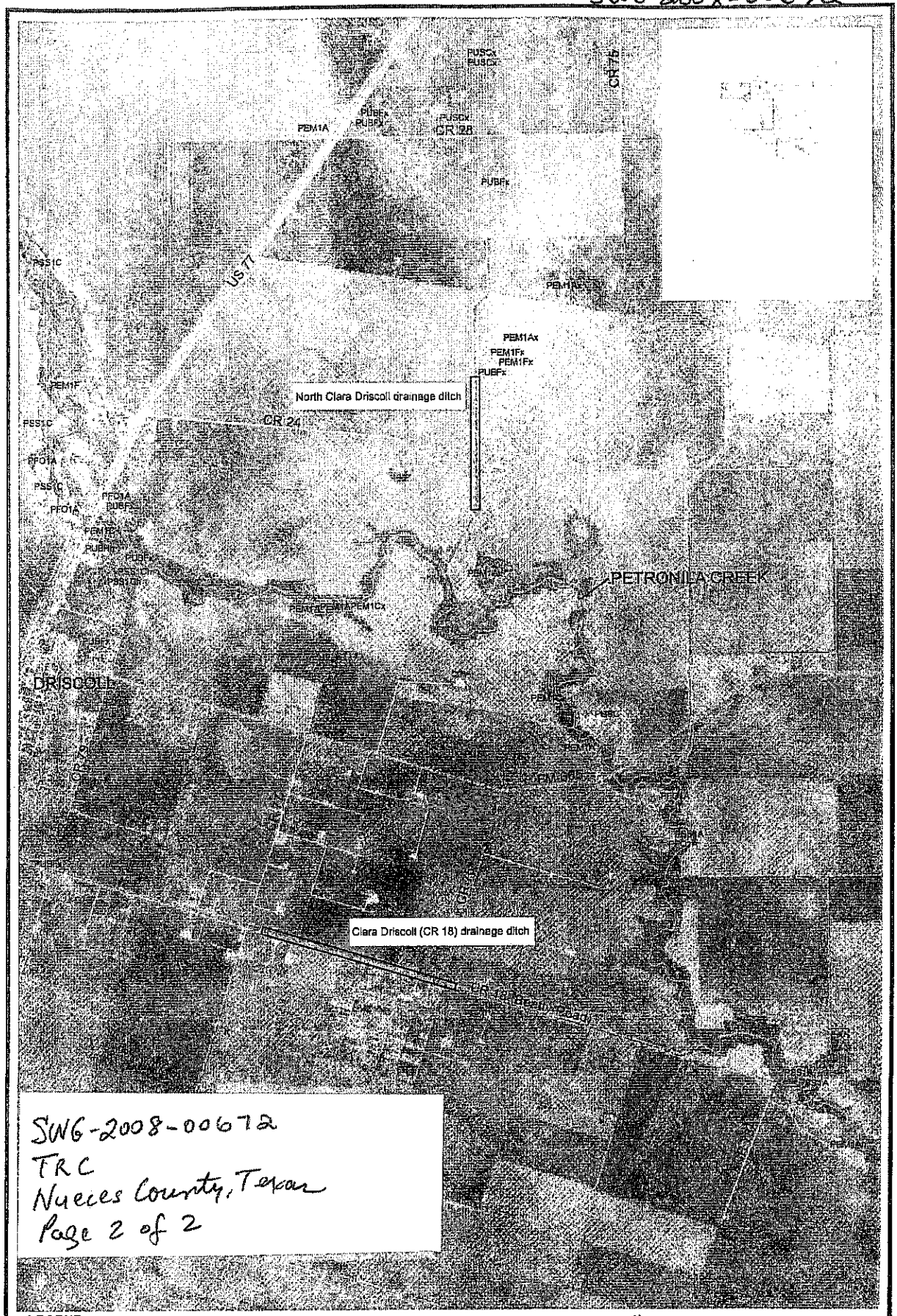
SITE MAP
RAILROAD COMMISSION OF TEXAS
PETRONILA CREEK

PROJECT NO.: 160551	DATE: 5/28/2008

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

FIGURE 1

SWG-2008-00672



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TRC
Nueces County, Texas
Page 2 of 2

LEGEND

Surface Drainage (Petronila Creek and drainage ditches)

SOURCE:

1. U.S.G.S. Digital Ortho Quarter Quads (DOQQs) for Concordia NE (2004), Concordia NW (2004), Driscoll East NE (2004), Driscoll East NW (2004), Driscoll East SE (2004), and Driscoll East SW (2004), Texas DOQQs.
2. EEG Airborne Geophysical Survey Report ("Figure 19 leaf")

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SITE MAP		
RAILROAD COMMISSION OF TEXAS PETRONILA CREEK		
PROJECT NO.: 160551	DATE: 5/28/2008	
TRC 505 EAST HUNTLAND DRIVE SUITE 250 AUSTIN, TEXAS 78752 512-329-6080		FIGURE 2