

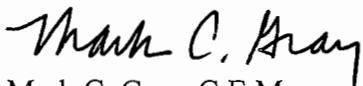
objective of this assessment was to further evaluate RECs noted in the Phase I ESA. Assessment activities included the collection of water samples from the site water well and surface wipe samples of the interior of the site trailer for the presence of chemicals characteristic of methamphetamine production.

Ninyo & Moore was retained by Nye County under a community-wide Brownfields hazardous substances assessment grant to perform a Phase II ESA. The Phase II ESA activities were performed in accordance with the approved SAP, dated October 17, 2008.

We appreciate the opportunity to be of service to you on this project. If you have any questions regarding this report, please call the undersigned at your convenience.

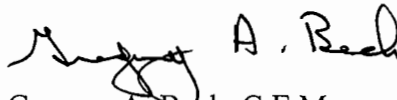
I hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and to the best of my knowledge comply with all applicable federal, state, and local statutes, regulations, and ordinances.

Sincerely,
NINYO & MOORE



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Senior Environmental Geologist
C.E.M. No. 2155
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EXECUTIVE SUMMARY

Ninyo & Moore was retained by Nye County under a community-wide Brownfields hazardous substances assessment grant to perform a Phase II Environmental Site Assessment (ESA) for the property located at 3761 North Stephanie Street in Pahrump, Nye County, Nevada. The subject property consists of one parcel, comprising approximately 5.0 acres of land and designated by the Nye County Tax Assessor as parcel 028-251-18. The funding for this Phase II ESA has been approved by Nye County and by the United States Environmental Protection Agency, Region 9 (EPA) program for Brownfields Projects.

The following activities were performed in accordance with the approved Sampling and Analysis Plan (SAP):

- Surface wipe samples were collected from the interior of the on-site residential trailer and submitted to Datachem in Salt Lake City, Utah for analysis of methamphetamine, lead, and iodine.
- An attempt was made to collect a liquid or sediment sample from the septic system located to the south of the trailer. However, the cleanout vent pipe was obstructed approximately 3 feet below the surface and no liquid or sediment sample was collected. Vapor concentrations from the site septic system cleanout vent pipe were screened with a photoionization detector (PID) and found to be below the detection limit of the PID.
- A groundwater sample was collected from the site water well and submitted to ESC in Mt. Juliet, Tennessee for analysis of volatile organic compounds (VOC), ignitability/flash point, corrosivity, and reactivity.

The following conclusions were reached by Ninyo & Moore as a result of this Phase II ESA:

- Reported methamphetamine, iodine, and lead concentrations from the surface wipe samples collected from the interior of site residential trailer were below applicable laboratory detection limits in each of the samples collected, with the exception of one sample (KTN1-SWP-10M) collected in the kitchen area.
- Sample KTN1-SWP-10M was collected between the top of the stove and the kitchen exhaust vent hood. The concentration of methamphetamine detected in sample KTN1-SWP-10M was 0.45 micrograms (μg) per sample or 0.0045 μg per 100 square centimeters ($\mu\text{g}/100\text{ cm}^2$). This concentration does not exceed the Colorado Department of Public Health and Environment clean up concentration of 0.5 $\mu\text{g}/100\text{ cm}^2$ established as the clean up standard for methamphetamine for this assessment.

- The depth to groundwater in the site well was measured on November 6, 2008 at a depth of 59.50 feet at top of casing or approximately 58.30 feet below ground surface.
- Reported VOC concentrations in the groundwater sample collected from the site well did not exceed applicable laboratory detection limits.
- Reported reactive cyanide and reactive sulfide concentrations in the groundwater sample collected from the site well did not exceed applicable laboratory detection limits.
- Reported corrosivity (pH) in groundwater was 7.4, which is within the acceptable secondary drinking water standard range of greater than 6.5 and less than 8.5 in the groundwater sample collected from the site water well.
- Reported ignitability in groundwater exceeded 170 degrees Fahrenheit in the groundwater sample collected from the site water well.

Based on the reported conclusions of the Phase II ESA, Ninyo & Moore makes no recommendations for further assessment of the subject site at this time.

1. INTRODUCTION

Ninyo & Moore was authorized by Nye County, under a community-wide Brownfields hazardous substances assessment grant, to perform a Phase II Environmental Site Assessment (ESA) at the subject property, which consists of one parcel located at 3761 North Stephanie Street in Pahrump, Nye County, Nevada. The ESA activities were performed in accordance with the approved revised Sampling and Analysis Plan (SAP) for the Phase II ESA, dated October 17, 2008.

2. SITE BACKGROUND

The following summary of site background information is based on review of site documents provided by the Client, Ninyo & Moore's previous work at the site, review of governmental agency files, and discussions with persons familiar with the site.

2.1. Site Location and Description

The subject property consists of one parcel, comprising approximately 5.0 acres of land and designated by the Nye County Tax Assessor as parcel 028-251-18. Property use is residential. The subject site is located in Section 25, Township 19 South, Range 52 East, Last Chance Quadrangle, Nye County, Nevada and is zoned "RH-4.5," with current land use listed as Single Family, Personal Property Manufactured Home on Unsecured Roll. The subject site location is presented on Figure 1.

2.2. Site History

Based on a review of historical sources, subject parcel 028-251-18 was undeveloped land until developed as single-family residential property at some point after 1994. According to readily available information in the Phase I ESA report for the property, prepared by Ninyo & Moore and dated May 27, 2008, the site was used as a methamphetamine manufacturing facility circa 1999.

2.3. Previous Work

In the Phase I ESA report, Ninyo & Moore noted the historical presence of a methamphetamine manufacturing facility on the subject site. Ninyo & Moore concluded that the historical presence of this facility constituted a recognized environmental condition (REC) for the subject site. Based on the historical usage of the subject site for the manufacture of methamphetamine, Ninyo & Moore concluded that the presence of an open well casing, which may constitute a direct pathway to groundwater, and a septic system on the subject site constituted RECs for the subject site. Ninyo & Moore recommended that a limited subsurface contamination assessment be performed on the subject site to evaluate whether chemicals utilized in the manufacture of methamphetamines have contaminated groundwater beneath the subject site.

2.4. Geology

The site is located in the Pahrump Valley, which is a structural basin of late Mesozoic and Tertiary age block faulting origin (beginning approximately 100 million years ago). Deposits in the Pahrump Valley are mainly Tertiary age (from 67 to 2 million years old) and Quaternary Age (from 2 million years old to present) unconsolidated sediments derived from the surrounding uplifted mountain ranges, which are composed of sedimentary and igneous rocks. The mountains to the north, east, and west are mostly sedimentary rocks, predominantly carbonates (limestone and dolomite) of Paleozoic and Mesozoic age (between 586 and 67 million years old). The southern and southeastern ranges are generally composed of volcanic rocks, primarily Tertiary and andesite lava flows.

2.5. Hydrogeology

The following sections discuss the site hydrology in terms of both surface waters and groundwater.

2.5.1. Surface Waters

No natural surface water bodies, including ponds, streams, or other bodies of water, are present on the site.

2.5.2. Groundwater

The groundwater aquifer system within Pahrump Valley is complex, consisting of coarse-grained alluvial sand and gravel, inter-bedded with fine-grained valley fill deposits. In general, two principal separate aquifers exist in Pahrump Valley: a series of deep, confined (artesian) water-bearing zones, and a shallow, relatively unconfined aquifer (non-artesian water table). The majority of the groundwater withdrawn in the valley is from the deeper aquifer zones and is generally located at depths estimated up to 200 feet for valley locations. Ninyo & Moore's representatives did not observe any seeps or springs at the subject site during reconnaissance.

Review of the Nevada Division of Water Resources well log database indicated that the static water level may occur approximately 50 to 180 feet below grade in the vicinity of the subject property and measurement of the water level in the site water well indicated that the depth to groundwater was approximately 58 feet below ground surface. Based on topography, groundwater flow direction in the vicinity of the subject property is assumed to be toward the southeast.

3. SCOPE OF WORK

The following sections describe the methods that were used to meet the objectives of the Phase II ESA, including: implementation of a health and safety plan (HASP), a description of the sampling media, locations and rationale, field sampling methods, and analytical methods and protocol. Work was performed in accordance with the approved SAP except where noted.

3.1. Health and Safety Plan

A site-specific HASP was prepared outlining specific safety procedures and equipment used during the site work. Work was conducted as outlined in the HASP, which was on the site in a conspicuous place during field activities. The HASP was reviewed and signed by field personnel prior to their performing fieldwork.

3.2. Surface Wipe Sampling

On November 6, 2008, Ninyo & Moore conducted surface wipe sampling in the interior of the residential trailer located on the site. Four surface wipe samples were collected from surfaces in the kitchen and bathroom of the site trailer. Two samples were collected in the bathroom and two samples were collected in the kitchen.

Each sample area was approximately 100 square centimeters (cm²). Sampling media for methamphetamine and iodine analysis consisted of dry gauze fabric wipes provided by the laboratory and wetted with isopropyl alcohol prior to sampling. Sampling media for lead analysis consisted of cellulose gauze wipes, designated as “ghost wipes” that are specifically designed for lead sampling and pre-moistened with a neutral wiping agent.

After delineating the area to be sampled with masking tape, the sample media was pressed firmly onto the area to be sampled. Wiping was done starting at the outside edge of the sample area and progressed toward the center of the sample area by wiping in concentric squares of decreasing size. Without allowing the sample media to come into contact with any other surface, the sample media was then folded with the sampled side in. The same method was then be used to repeat the sampling of the same area. The sample media was then folded over again so that the sampled side was folded in. The sample media was then placed into a sample container, capped, and numbered. Each sample was placed into labeled, laboratory provided sample containers, sealed, and placed into a secure, chilled ice chest. Since laboratory analysis for methamphetamine, lead, and iodine requires separate wipes, three discreet wipes were collected at each sample location. Sample location identifiers were appended with “M”, “L”, or “I” for methamphetamine, lead, or iodine analysis, respectively.

Sample containers were shipped to Datachem Laboratories located in Salt Lake City, Utah. A summary of the field sampling information presented in Table 1 provides the location identification, corresponding sample designation, and sample matrix for each of the surface wipe samples collected during this assessment.

3.3. Septic System Sampling

The cleanout vent pipe associated with the septic system located to the south of the trailer was field screened for volatile organic vapors using a photoionization detector (PID) on November 6, 2008. Vapor concentrations from the cleanout vent pipe were found to be below the detection limit of the PID.

An attempt was made to collect a liquid or sediment sample from the septic system. However, the cleanout vent pipe was obstructed approximately 3 feet below the surface and no liquid or sediment sample was collected. The area surrounding the septic system vent pipe was explored with a shovel in order to locate any manhole covers associated with the septic system. No manhole covers or other access points were found.

3.4. Groundwater Sampling

According to information obtained from the State of Nevada Division of Water Resources Well Driller's Report for the site water well, the well was constructed to a depth of approximately 140 feet with 8-inch diameter pipe. The well casing is factory perforated from a depth of 140 feet to 100 feet below the ground surface (bgs) and the well is gravel packed from the bottom to approximately 50 feet bgs. A concrete seal extends from the surface to a depth of 50 feet bgs. The top of the casing is currently open and does not have a cover or locking cap. The site water well location is indicated on Figure 2.

Prior to obtaining groundwater samples for analysis, the static water level was measured in the site water well. Due to the depth of the well and the anticipated volume of water in the well, casing volumes of water were not purged from the well. Instead, approximately 3 gallons of water was purged using a disposable bailer and collected in a measured bucket to record the purge volume. In order to obtain a representative sample from the well, purging continued until stable water quality parameter (temperature, pH, and specific conductance) measurements indicated representative sampling were obtained. Water quality was considered stable if for three consecutive readings:

- Temperature range was no more than +/- 1°C,
- pH varied by no more than 0.2 pH units, and

- Specific conductance readings were within 10% of the average.

Purging criteria was met for the well. A copy of the groundwater sampling field data sheet is included in Appendix B.

A new, disposable polyethylene bailer was used to collect a groundwater sample from the well for analysis for volatile organic compounds (VOC), reactivity, corrosivity, and ignitability. In accordance with the approved SAP, sample containers were labeled with the well number, matrix type, and sample number (e.g. WW1-GW-1). The sample was placed into labeled, laboratory-provided sample containers, and placed into a secure, chilled ice chest. The sample was recorded on an EPA-approved chain-of-custody form for transport to the Environmental Science Corporation (ESC) laboratory in Mt. Juliet, Tennessee. A summary of the field sampling information presented in Table 1 provides the monitoring well identification and corresponding sample designation and sample matrix for each of the groundwater samples collected during this assessment.

3.5. Field Quality Control Sampling

Table 1 provides the sample location identification and corresponding sample designation and sample matrix for each of the quality control samples collected during this assessment.

3.5.1. Field Blanks

In accordance with the approved SAP, a surface wipe field blank was collected for methamphetamine, iodine, and lead to evaluate whether contaminants have been introduced into the wipe samples during the sampling due to ambient conditions or from sample containers. The surface wipe field blank samples were obtained by folding an unused surface wipe field blank sample media in the same manner as an actual sample without allowing the media to come into contact with any surface. The field blanks collected were analyzed for methamphetamine, iodine, and lead. The field blanks were preserved, packaged, and sealed in the manner described in the environmental samples. A separate sample number was assigned to the samples and submitted blind to the laboratory.

3.5.2. Equipment Blanks

No equipment blanks were collected during sediment sampling due to the fact that sediment sampling was not conducted. No reusable equipment was utilized to collect either surface wipe or groundwater samples and therefore no equipment blanks were collected.

3.5.3. Laboratory Quality Control Samples

In accordance with the approved SAP, a laboratory quality control (QC) groundwater sample was designated for WW1-GW-1. For the water sample, a double volume of the sample was supplied to the laboratory. Two sets of water sample containers were filled and the containers were labeled. Water sample WW1-GW-1 was designated as a laboratory QC sample by a notation on the chain-of-custody record.

3.5.4. Duplicate Samples

In accordance with the approved SAP, a duplicate groundwater sample was collected from the site water well. In order to preserve the “blind” nature of the sample, the groundwater duplicate sample submitted to ESC was labeled as WW7-GW-1. The duplicate groundwater sample was analyzed for VOC, reactivity, corrosivity, and ignitability.

4. RESULTS

4.1. Surface Wipe Analytical Results

Surface wipe samples collected during this assessment were analyzed by Datachem Laboratories in Salt Lake City, Utah. Surface wipe samples were analyzed for methamphetamine by method National Institute for Occupational Safety (NIOSH) Manual of Analytical Methods (NMAM) 9111, lead by NIOSH Method 7082, and iodine by NIOSH Method 6005. The results of the laboratory analyses are summarized in Table 2, which provides sample locations along with sample identification, sample matrix, and test results for the targeted chemical

compounds of this assessment. Copies of the laboratory reports and chain-of-custody records are included in Appendix C.

4.2. Groundwater Analytical Results

Groundwater samples collected during this assessment were analyzed by ESC in Mt. Juliet, Tennessee. Groundwater samples were analyzed for VOC by EPA Method 8260B, reactivity by EPA Method 9012B/9034, corrosivity by EPA Method 9040C, and ignitability by EPA Method 1010A. The results of the laboratory analyses are summarized in Table 3, which provides sample locations along with sample identification, sample matrix, and test results for the targeted chemical compounds of this assessment. Copies of the laboratory reports and chain-of-custody records are included in Appendix C.

5. DATA VALIDATION

A Tier 1A data validation was performed by DataVal, Inc. in accordance with the approved SAP. The data validation findings indicate that the laboratory performance and overall data quality generally met the analytical data quality objectives for the project. A review of the data precision, accuracy, representativeness, and completeness of the reported results showed that the overall data quality was good, and suitable for supporting project decisions. The data validation report is presented in Appendix D.

6. CONCLUSIONS

The following sections present a discussion of the results of the fieldwork and analytical program for the Phase II ESA.

6.1. Residual Surface Contamination

- Reported methamphetamine, iodine, and lead concentrations in surface wipe samples collected from the interior of the residential trailer were below applicable laboratory detection limits in each of the samples collected, with the exception of one sample (KTN1-SWP-10M) collected in the kitchen area.

- Sample KTN1-SWP-10M was collected between the top of the stove and the kitchen exhaust vent hood. The concentration of methamphetamine detected in sample KTN1-SWP-10M was 0.45 micrograms (μg) per sample or 0.0045 μg per 100 square centimeters ($\mu\text{g}/100\text{ cm}^2$). This concentration does not exceed the Colorado Department of Public Health and Environment clean up concentration of 0.5 $\mu\text{g}/100\text{ cm}^2$ established as the clean up standard for methamphetamine for this assessment.

6.2. Septic System Sampling

- Although no liquid or sediment samples were collected from the septic system, based on the results of the surface and groundwater sampling, Ninyo & Moore does not believe that additional efforts to sample the septic system are warranted.

6.3. Groundwater

- The depth to groundwater was measured on November 6, 2008 at a depth of 59.50 feet at top of casing or approximately 58.30 feet bgs.
- Reported VOC, reactive cyanide, and reactive sulfide concentrations in the groundwater sample collected from the site well did not exceed applicable laboratory detection limits.
- Reported corrosivity (pH) in groundwater was 7.4, which is within the acceptable secondary drinking water standard range of greater than 6.5 and less than 8.5 in the groundwater sample collected from the site water well.
- Reported ignitability in groundwater exceeded 170 degrees Fahrenheit in the groundwater sample collected from the site water well.

7. RECOMMENDATIONS

Based on the results of this Phase II ESA, Ninyo & Moore makes no recommendations for further assessment activity at the subject site at this time.

8. LIMITATIONS

The environmental services described in this report have been conducted in general accordance with current regulatory guidelines and the standard-of-care exercised by environmental consultants performing similar work in the project area. No warranty, expressed or implied, is made regarding the professional opinions presented in this report. Variations in site conditions

may exist and conditions not observed or described in this report may be encountered during subsequent activities. Please also note that this study did not include an evaluation of geotechnical conditions or potential geologic hazards.

Ninyo & Moore's opinions and recommendations regarding environmental conditions, as presented in this report, are based on limited subsurface assessment and chemical analysis. Further assessment of potential adverse environmental impacts from past on-site and/or nearby use of hazardous materials may be accomplished by a more comprehensive assessment. The samples collected and used for testing, and the observations made, are believed to be representative of the area(s) evaluated; however, conditions can vary significantly between sampling locations. Variations in soil and/or groundwater conditions will exist beyond the points explored in this evaluation.

The environmental interpretations and opinions contained in this report are based on the results of laboratory tests and analyses intended to detect the presence and concentration of specific chemical or physical constituents in samples collected from the subject site. The testing and analyses have been conducted by an independent laboratory, which is certified by the State of Nevada to conduct such tests. Ninyo & Moore has no involvement in, or control over, such testing and analysis. Ninyo & Moore, therefore, disclaims responsibility for any inaccuracy in such laboratory results.

Our conclusions, recommendations, and opinions are based on an analysis of the observed site conditions. It should be understood that the conditions of a site could change with time as a result of natural processes or the activities of man at the subject site or nearby sites. In addition, changes to the applicable laws, regulations, codes, and standards of practice may occur due to government action or the broadening of knowledge. The findings of this report may, therefore, be invalidated over time, in part or in whole, by changes over which Ninyo & Moore has no control.

This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. Ninyo & Moore should be contacted if the reader requires any additional information, or has questions regarding content, interpretations presented, or completeness of this document.

This report is intended exclusively for use by the client. Any use or reuse of the findings, conclusions, and/or recommendations of this report by parties other than the client is undertaken at said parties' sole risk.

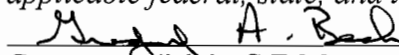
9. CERTIFICATIONS

In accordance with NDEP Bureau of Corrective Actions guidelines requiring that all submittals that incorporate laboratory data generated after May 8, 2005 include a statement by a Nevada Certified Environmental Manager (C.E.M.), the following language is included:

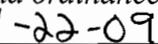
I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein.

In accordance with the Nevada Revised Statutes 459.500, Section 1, a holder of a certificate who is responsible for a service requiring certification shall ensure that each document relating to the service includes the following language:

I, Gregory A. Beck, hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and to the best of my knowledge comply with all applicable federal, state, and local statutes, regulations, and ordinances.



Gregory A. Beck, C.E.M.
Certified Environmental Manager
No.: 1874
Expires: May 27, 2010



Date

10. REFERENCES

Ninyo & Moore, 2008a, Phase I Environmental Site Assessment Report, 3761 North Stephanie Street, Parcel No. 028-251-18, Pahrump, Nevada, dated May 27.

Ninyo & Moore, 2008b, Sampling and Analysis Plan, Phase II Site Investigation, 3761 North Stephanie Street, Parcel No. 028-251-18, Pahrump, Nevada, dated October 17.

United States Geological Survey, 1968, Last Chance Range Quadrangle: 7.5-minute series (topographic), Scale 1:24,000.

TABLES

Table 1 - Summary of Field Sampling

| Sample Location | Sample Identification | | Sample Matrix | Field Duplicate | Equipment Blank | Field Blank | Laboratory QC |
|-----------------|-----------------------|---------------|---------------|-----------------|-----------------|-------------|---------------|
| | Field | Laboratory | | | | | |
| BATHROOM | BTR1-SWP-1M | 8316025001 | Surface Wipe | | | | |
| BATHROOM | BTR1-SWP-2L | 8316025010 | Surface Wipe | | | | |
| BATHROOM | BTR1-SWP-3I | 8316025006 | Surface Wipe | | | | |
| BATHROOM | BTR1-SWP-4M | 8316025002 | Surface Wipe | | | | |
| BATHROOM | BTR1-SWP-5L | 8316025011 | Surface Wipe | | | | |
| BATHROOM | BTR1-SWP-6I | 8316025007 | Surface Wipe | | | | |
| KITCHEN | KTN1-SWP-7M | 8316025003 | Surface Wipe | | | | |
| KITCHEN | KTN1-SWP-8I | 8316025008 | Surface Wipe | | | | |
| KITCHEN | KTN1-SWP-9L | 8316025012 | Surface Wipe | | | | |
| KITCHEN | KTN1-SWP-10M | 8316025004 | Surface Wipe | | | | |
| KITCHEN | KTN1-SWP-11I | 8316025009 | Surface Wipe | | | | |
| KITCHEN | KTN1-SWP-12L | 8316025013 | Surface Wipe | | | | |
| -- | KTN1-SWP-13M | 8316025005 | Surface Wipe | | X | | |
| -- | KTN1-SWP-14I | 8316025015 | Surface Wipe | | X | | |
| -- | KTN1-SWP-15L | 8316025014 | Surface Wipe | | X | | |
| WATER WELL | WW1-GW-1 | L373794-01&02 | Water | | | | X |
| WATER WELL | WW7-GW-1 | L373794-03&04 | Water | X | | | |

-- Not Applicable

M - methamphetamine

L - lead

I - iodine

Table 2 - Surface Wipe Analytical Results

| Sample Location | Sample Designation | Sample Collection Date | Analyte | | | Notes |
|--|--------------------|------------------------|-----------------|-----------|--------------|-------------|
| | | | Methamphetamine | Iodine | Lead | |
| Cleanup Level Surface Wipe Samples* | | | 0.5 | 22 | 0.043 | |
| BATHROOM | BTR1-SWP-1M | 11/6/08 | <0.001 | -- | -- | |
| BATHROOM | BTR1-SWP-2L | 11/6/08 | -- | -- | <0.025 | |
| BATHROOM | BTR1-SWP-3I | 11/6/08 | -- | <0.18 | -- | |
| BATHROOM | BTR1-SWP-4M | 11/6/08 | <0.001 | -- | -- | |
| BATHROOM | BTR1-SWP-5L | 11/6/08 | -- | -- | <0.025 | |
| BATHROOM | BTR1-SWP-6I | 11/6/08 | -- | <0.18 | -- | |
| KITCHEN | KTN1-SWP-7M | 11/6/08 | <0.001 | -- | -- | |
| KITCHEN | KTN1-SWP-8I | 11/6/08 | -- | <0.18 | -- | |
| KITCHEN | KTN1-SWP-9L | 11/6/08 | -- | -- | <0.025 | |
| KITCHEN | KTN1-SWP-10M | 11/6/08 | 0.0045 | -- | -- | |
| KITCHEN | KTN1-SWP-11I | 11/6/08 | -- | <0.18 | -- | |
| KITCHEN | KTN1-SWP-12L | 11/6/08 | -- | -- | <0.025 | |
| Field Blank | KTN1-SWP-13M | 11/6/08 | <0.001 | -- | -- | Field Blank |
| Field Blank | KTN1-SWP-14I | 11/6/08 | -- | <0.18 | -- | Field Blank |
| Field Blank | KTN1-SWP-15L | 11/6/08 | -- | -- | <0.025 | Field Blank |

Concentrations expressed in micrograms per 100 square centimeters ($\mu\text{g}/100\text{cm}^2$)

*Colorado Department of Public Health and Environment 6 CCR 1014-3 State Board of Health, Regulations Pertaining to Cleanup of Methamphetamine Laboratories

-- Not Applicable

M - methamphetamine

L - lead

I - iodine

Table 3 - Groundwater Analytical Results

| Sample Location | Sample Designation | Sample Collection Date | Volatile Organic Compounds | | | | Wet Chemistry | | | | Notes |
|---------------------|-----------------------|------------------------|----------------------------|----------|--------------|---------------|------------------|------------------|---------------------------|---------------------------------------|---------------------|
| | | | Acetone | Benzene | Toluene | Xylenes | Reactive Cyanide | Reactive Sulfide | Ignitability | Corrosivity (pH) | |
| Action Level | | | 22000¹ | 5 | 1,000 | 10,000 | NE | NE | NE | <6.5 or >8.5⁴ | |
| Water Well | WW1-GW-1 | 11/6/08 | <50 | <1 | <5 | <3 | <0.000125 | <0.025 | DNF at 170°F ³ | 7.4 | Quality Control |
| Water Well | WW7-GW-1 ² | 11/6/08 | <50 | <1 | <5 | <3 | <0.000125 | <0.025 | DNF at 170°F ³ | 7.7 | WW-1-GW-1 Duplicate |

Concentrations expressed in micrograms per liter (µg/l)

Action Level = National Primary Drinking Water Standards, Maximum Contaminant Level (MCL), unless otherwise noted.

NE - No action level established

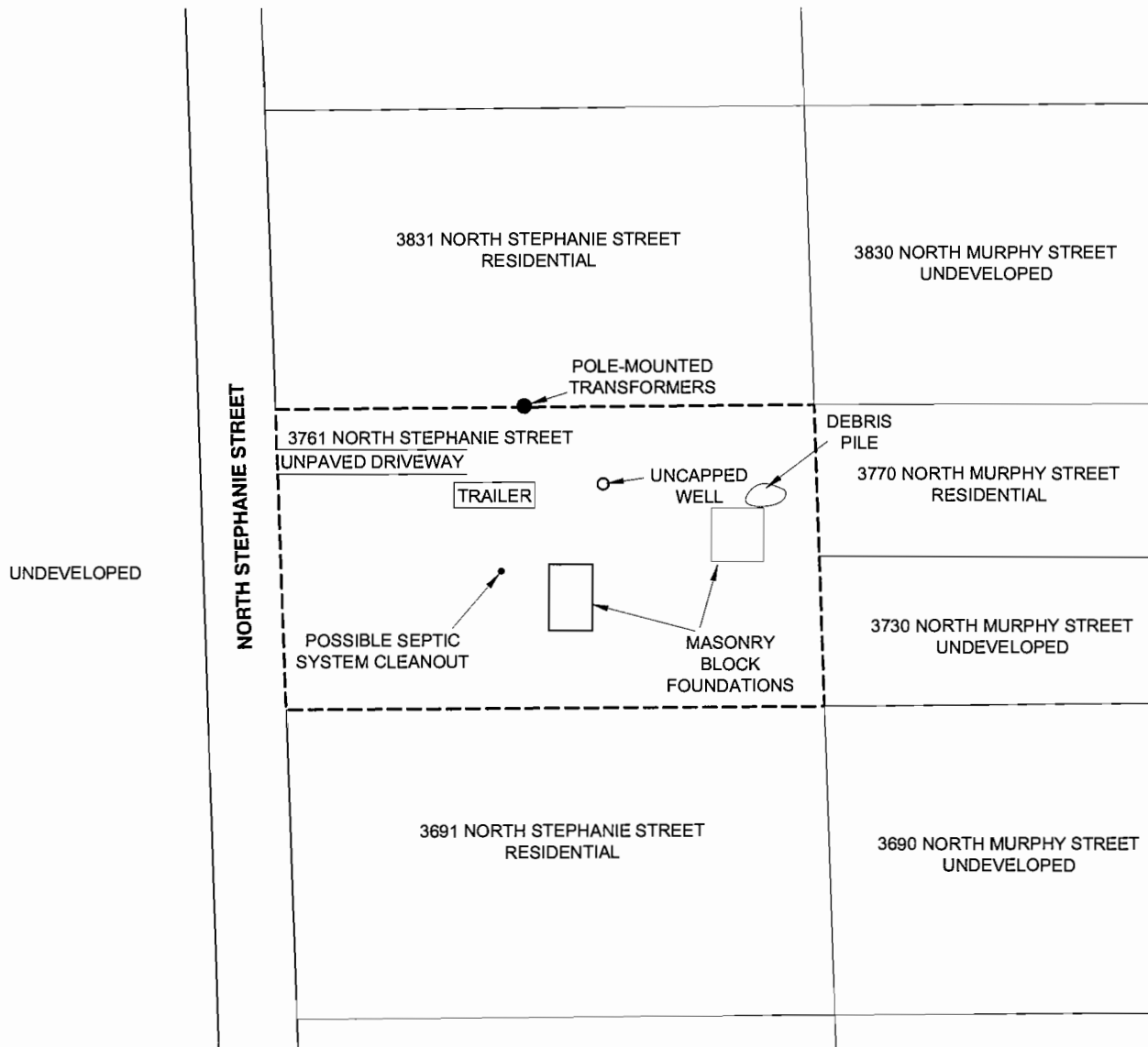
¹EPA Region 9 Preliminary Remediation Goal (PRG)

² Field duplicate

³ Did Not Flash at 170 degrees Fahrenheit

⁴ National Secondary Drinking Water Standard for pH

FIGURES



UNDEVELOPED

NORTH STEPHANIE STREET

3831 NORTH STEPHANIE STREET
RESIDENTIAL

3830 NORTH MURPHY STREET
UNDEVELOPED

POLE-MOUNTED
TRANSFORMERS

3761 NORTH STEPHANIE STREET
UNPAVED DRIVEWAY

DEBRIS
PILE

TRAILER

UNCAPPED
WELL

3770 NORTH MURPHY STREET
RESIDENTIAL

POSSIBLE SEPTIC
SYSTEM CLEANOUT

MASONRY
BLOCK
FOUNDATIONS

3730 NORTH MURPHY STREET
UNDEVELOPED

3691 NORTH STEPHANIE STREET
RESIDENTIAL

3690 NORTH MURPHY STREET
UNDEVELOPED



SCALE IN FEET



LEGEND

--- Subject site.

REFERENCE: Nye County Assessor Web Site, 2008.
NOTE: Dimensions, directions, and locations are approximate.

Ninyo & Moore

SITE PLAN

FIGURE

| | |
|-------------|------|
| PROJECT NO. | DATE |
| 302556002 | 1/09 |

3761 NORTH STEPHANIE STREET
PAHRUMP, NEVADA

2

APPENDIX A
SITE PHOTOGRAPHS

APPENDIX B
GROUNDWATER SAMPLING FIELD DATA SHEET

Project Name: Nye County Date: 11/6/08 By: Mark Gray
 Project No.: 302556002 Weather/Site Conditions: clear - sunny
 Monitoring Well ID: WW-1 Site Location: 3761 Stephanie St

Casing Diameter: 2" 4" 6" Other 8" Casing Material SCH 40-PVC Other: Steel
 Total Depth (ft-TOC): (A) blocked @ 77' LNAPL Observed Yes No DNAPL Observed Yes No
 Total Depth (ft-TOC): (B) 59.50' LNAPL Thickness _____ DNAPL Thickness steel
~1.2' riser from GL to TOC
 $2\frac{7}{8}" = 0.78 \text{ g/ft} = (D)$
 $4\frac{7}{8}" = 1.33 \text{ G/FT} = (D)$
 $4\frac{7}{8}" = 1.19 \text{ G/FT} = (D)$
 $4\frac{7}{10}" = 1.51 \text{ G/FT} = (D)$ x 1.5 = (E) Approx. Min. Purge Vol. (gallons)

Water Level Measurement Equip.: Heron H. 01L 150' Water Line Heron Dipper T Cleaned
 Purging Method/Equipment: xp-100 Pump Quickie Bailer Hand Bailer Cleaned

Sampling Equipment: Bailer PVC SS Low Flow Pumps Dedicated/Non-dedicated Peristaltic Pump

| Sampling Method/Equipment: | PARAMETER | USEPA METHOD | CONTAINERS/VOLUME/TYPE (VOA/Glass/Plastic) | PRESERVATIVES |
|---------------------------------------|--------------|--------------|--|---------------|
| Bailer Rope <u>New</u> or cleaned?: | VOC | 8260 | .6 / 40ml | HCL |
| Sampled By: <u>MCG</u> | reactivity | 9028 / 9034 | 3 / 1L | None |
| Sample Time: <u>14:15 + 14:30</u> | corrosivity | 9040C | | |
| Sample ID: <u>WW1-GW-1 + WW1-GW-1</u> | ignitability | 1010A | | |

| Time (24 hr) | PURGE VOL. (gallons) | pH | COND. (µ/cm) | TEMP. (µS/cm) | DO | Comments (color, odor, sheen, etc.) |
|--------------|----------------------|------|--------------|---------------|----|-------------------------------------|
| 14:00 | 1.0 | 7.01 | 1750 | 20.5 | - | clear |
| 14:05 | 1.0 | 7.02 | 1719 | 20.5 | - | clear |
| 14:10 | 1.0 | 7.01 | 1720 | 20.5 | - | clear |
| | | | | | | No odor |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Depth to Water After Purging (ft) = (F) _____

Total Vol. Purged (gal): ~ 3.0 gal Max. Drawdown: (J) _____
 Time Finished Purging: _____

$A - B = C; G_x - B = H_x; F - B = J; \frac{H_x}{r} - 1 \times 100 = I_x; \frac{I_x - I_1}{T_x - T_1} \times 120 = \% \text{ recovery in 2 hrs.}$

Laboratory: ESC
 Sample Container Lot Number: L373794-01-02, -03, -04
 Shipping Arrangements: Fedex overnight

APPENDIX C
LABORATORY REPORTS AND CHAIN OF CUSTODY RECORDS



Environmental Science Corporation

Mt. Juliet, TN

For: Ninyo and Moore - Las Vegas
Project: 302556002 3761 N. Stephanie St
L373794

SDG: L373794

November 17, 2008

Sample Receiving and Handling

All sample aliquots were received at the correct temperature, in the proper containers, and with the appropriate preservatives. All method specified holding times were met.

Corrosivity by Method 9040C

Laboratory Control Sample

Samples L373794-03 and 04 were analyzed in analytical batch WG392860. The laboratory control sample associated with these samples was within the laboratory control limits.

Sample Duplicate Analysis

For analytical batch WG392860 sample duplicate analysis was performed on sample L373794-03. The relative percent difference was within the method limits.

Matrix Spike/Matrix Spike Duplicate

Precision for batch WG392860 was evaluated using the LCS / LCSD. The RPDs were within method limits.

Blank Analysis

The method blank, the initial, and all continuing calibration blanks contained no analytes at concentrations above the method reporting limit.

Flashpoint by Method D93/1010A

Laboratory Control Sample

Samples L373794-04 and 03 were analyzed in analytical batch WG393357. The laboratory control sample associated with these samples was within the laboratory control limits.

Sample Duplicate Analysis

For analytical batch WG393357 sample duplicate analysis was performed on sample L373445-01. The relative percent difference was within the method limits.

Matrix Spike/Matrix Spike Duplicate

Precision for batch WG393357 was evaluated using the LCS / LCSD. The RPDs were within method limits.

Blank Analysis

The method blank, the initial, and all continuing calibration blanks contained no analytes at concentrations above the method reporting limit.

Reactive Sulf.(SW846 7.3.4.1) by Method 9034/9030B

Laboratory Control Sample

Samples L373794-04 and 03 were analyzed in analytical batch WG393783. The laboratory control sample associated with these samples was within the laboratory control limits.

Sample Duplicate Analysis

For analytical batch WG393783 sample duplicate analysis was performed on sample L373794-03. The relative percent difference was within the method limits.



Environmental Science Corporation

Mt. Juliet, TN

For: Ninyo and Moore - Las Vegas
Project: 302556002 3761 N. Stephanie St
L373794

SDG: L373794

November 17, 2008

Matrix Spike/Matrix Spike Duplicate

Precision for batch WG393783 was evaluated using the LCS / LCSD. The RPDs were within method limits.

Blank Analysis

The method blank, the initial, and all continuing calibration blanks contained no analytes at concentrations above the method reporting limit.

Reactive CN (SW846 7.3.3.2) by Method 9012B

Laboratory Control Sample

Samples L373794-03 and 04 were analyzed in analytical batch WG393785. The laboratory control sample associated with these samples was within the laboratory control limits.

Sample Duplicate Analysis

For analytical batch WG393785 sample duplicate analysis was performed on sample L373794-03. The relative percent difference was within the method limits.

Blank Analysis

The method blank, the initial, and all continuing calibration blanks contained no analytes at concentrations above the method reporting limit.

Volatile Organic Compounds by Method 8260B

Laboratory Control Sample

Samples L373794-01 and 02 were analyzed in analytical batch WG392914. The laboratory control sample associated with these samples had all target compounds within method limits except for Acrolein.

Sample L373794-01 was analyzed in analytical batch WG392986. The laboratory control sample associated with this sample was within the laboratory control limits for all compounds.

Matrix Spike/Matrix Spike Duplicate

For analytical batch WG392914 matrix spike/matrix spike duplicate analysis was performed on sample L373782-06. The matrix spike recoveries were within laboratory control limits for all target analytes. The relative percent difference exceeded laboratory limits for 2-Chloroethyl vinyl ether.

For analytical batch WG392986 matrix spike/matrix spike duplicate analysis was performed on sample L373779-27. The matrix spike recoveries and relative percent differences were within laboratory control limits for all target analytes.

Blank Analysis

The method blank, the initial, and all continuing calibration blanks contained no analytes at concentrations above the method reporting limit.

Nancy F. Winters
ESC Representative
Environmental Science Corporation



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Est. 1970

Mark Gray
Ninyo and Moore - Las Vegas
6700 Paradise Rd., Suite E

Las Vegas, NV 89119

Report Summary

Monday January 12, 2009

Report Number: L373794

Samples Received: 11/07/08

Client Project: 302556002

Description: 302556002 3761 N. Stephanie St

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Debra R. Richards
Debra Richards, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

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in laboratory standard operating procedures: 060302, 060303, and 060304.



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REPORT OF ANALYSIS

Mark Gray
Ninyo and Moore - Las Vegas
6700 Paradise Rd., Suite E
Las Vegas, NV 89119

January 12, 2009

Date Received : November 07, 2008
Description : 302556002 3761 N. Stephanie St
Sample ID : WW1-GW-1
Collected By : Mark Gray
Collection Date : 11/06/08 14:15

ESC Sample # : L373794-01

Site ID : 3761 N STEPHANIE ST

Project # : 302556002

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|-----------------------------|--------|------------|-------|--------|----------|------|
| Volatile Organics | | | | | | |
| Acetone | BDL | 0.050 | mg/l | 8260B | 11/08/08 | 1 |
| Acrolein | BDL | 0.050 | mg/l | 8260B | 11/08/08 | 1 |
| Acrylonitrile | BDL | 0.010 | mg/l | 8260B | 11/08/08 | 1 |
| Benzene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Bromobenzene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Bromodichloromethane | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Bromoform | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Bromomethane | BDL | 0.0050 | mg/l | 8260B | 11/08/08 | 1 |
| n-Butylbenzene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| sec-Butylbenzene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| tert-Butylbenzene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Carbon tetrachloride | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Chlorobenzene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Chlorodibromomethane | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Chloroethane | BDL | 0.0050 | mg/l | 8260B | 11/08/08 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.050 | mg/l | 8260B | 11/08/08 | 1 |
| Chloroform | BDL | 0.0050 | mg/l | 8260B | 11/08/08 | 1 |
| Chloromethane | BDL | 0.0025 | mg/l | 8260B | 11/08/08 | 1 |
| 2-Chlorotoluene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 4-Chlorotoluene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0050 | mg/l | 8260B | 11/08/08 | 1 |
| 1,2-Dibromoethane | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Dibromomethane | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Dichlorodifluoromethane | BDL | 0.0050 | mg/l | 8260B | 11/08/08 | 1 |
| 1,1-Dichloroethane | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,2-Dichloroethane | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,1-Dichloroethene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,2-Dichloropropane | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,1-Dichloropropene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,3-Dichloropropane | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 2,2-Dichloropropane | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Di-isopropyl ether | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Ethylbenzene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Hexachloro-1,3-butadiene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Isopropylbenzene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| p-Isopropyltoluene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit (PQL)



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REPORT OF ANALYSIS

January 12, 2009

Mark Gray
Ninyo and Moore - Las Vegas
6700 Paradise Rd., Suite E
Las Vegas, NV 89119

Date Received : November 07, 2008
Description : 302556002 3761 N. Stephanie St
Sample ID : WW1-GW-1
Collected By : Mark Gray
Collection Date : 11/06/08 14:15

ESC Sample # : L373794-01

Site ID : 3761 N STEPHANIE ST

Project # : 302556002

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---------------------------------|--------|------------|--------|--------|----------|------|
| 2-Butanone (MEK) | BDL | 0.010 | mg/l | 8260B | 11/08/08 | 1 |
| Methylene Chloride | BDL | 0.0050 | mg/l | 8260B | 11/08/08 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.010 | mg/l | 8260B | 11/08/08 | 1 |
| Methyl tert-butyl ether | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Naphthalene | BDL | 0.0050 | mg/l | 8260B | 11/08/08 | 1 |
| n-Propylbenzene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Styrene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Tetrachloroethene | BDL | 0.0010 | mg/l | 8260B | 11/10/08 | 1 |
| Toluene | BDL | 0.0050 | mg/l | 8260B | 11/08/08 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Trichloroethene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Trichlorofluoromethane | BDL | 0.0050 | mg/l | 8260B | 11/08/08 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,2,3-Trimethylbenzene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Vinyl chloride | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Xylenes, Total | BDL | 0.0030 | mg/l | 8260B | 11/08/08 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 103. | | % Rec. | 8260B | 11/08/08 | 1 |
| Dibromofluoromethane | 107. | | % Rec. | 8260B | 11/08/08 | 1 |
| 4-Bromofluorobenzene | 109. | | % Rec. | 8260B | 11/08/08 | 1 |

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.

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Reported: 11/14/08 13:27 Revised: 01/12/09 13:44



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REPORT OF ANALYSIS

Mark Gray
Ninyo and Moore - Las Vegas
6700 Paradise Rd., Suite E
Las Vegas, NV 89119

January 12, 2009

Date Received : November 07, 2008
Description : 302556002 3761 N. Stephanie St

ESC Sample # : L373794-02

Sample ID : WW7-GW-1

Site ID : 3761 N STEPHANIE ST

Collected By : Mark Gray
Collection Date : 11/06/08 14:30

Project # : 302556002

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|-----------------------------|--------|------------|-------|--------|----------|------|
| Volatile Organics | | | | | | |
| Acetone | BDL | 0.050 | mg/l | 8260B | 11/08/08 | 1 |
| Acrolein | BDL | 0.050 | mg/l | 8260B | 11/08/08 | 1 |
| Acrylonitrile | BDL | 0.010 | mg/l | 8260B | 11/08/08 | 1 |
| Benzene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Bromobenzene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Bromodichloromethane | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Bromoform | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Bromomethane | BDL | 0.0050 | mg/l | 8260B | 11/08/08 | 1 |
| n-Butylbenzene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| sec-Butylbenzene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| tert-Butylbenzene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Carbon tetrachloride | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Chlorobenzene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Chlorodibromomethane | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Chloroethane | BDL | 0.0050 | mg/l | 8260B | 11/08/08 | 1 |
| 2-Chloroethyl vinyl ether | BDL | 0.050 | mg/l | 8260B | 11/08/08 | 1 |
| Chloroform | BDL | 0.0050 | mg/l | 8260B | 11/08/08 | 1 |
| Chloromethane | BDL | 0.0025 | mg/l | 8260B | 11/08/08 | 1 |
| 2-Chlorotoluene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 4-Chlorotoluene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,2-Dibromo-3-Chloropropane | BDL | 0.0050 | mg/l | 8260B | 11/08/08 | 1 |
| 1,2-Dibromoethane | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Dibromomethane | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,2-Dichlorobenzene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,3-Dichlorobenzene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,4-Dichlorobenzene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Dichlorodifluoromethane | BDL | 0.0050 | mg/l | 8260B | 11/08/08 | 1 |
| 1,1-Dichloroethane | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,2-Dichloroethane | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,1-Dichloroethene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| cis-1,2-Dichloroethene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| trans-1,2-Dichloroethene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,2-Dichloropropane | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,1-Dichloropropene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,3-Dichloropropane | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| cis-1,3-Dichloropropene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| trans-1,3-Dichloropropene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 2,2-Dichloropropane | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Di-isopropyl ether | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Ethylbenzene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Hexachloro-1,3-butadiene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Isopropylbenzene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| p-Isopropyltoluene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit (PQL)



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REPORT OF ANALYSIS

Mark Gray
Ninyo and Moore - Las Vegas
6700 Paradise Rd., Suite E
Las Vegas, NV 89119

January 12, 2009

Date Received : November 07, 2008
Description : 302556002 3761 N. Stephanie St
Sample ID : WW7-GW-1
Collected By : Mark Gray
Collection Date : 11/06/08 14:30

ESC Sample # : L373794-02

Site ID : 3761 N STEPHANIE ST

Project # : 302556002

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|---------------------------------|--------|------------|--------|--------|----------|------|
| 2-Butanone (MEK) | BDL | 0.010 | mg/l | 8260B | 11/08/08 | 1 |
| Methylene Chloride | BDL | 0.0050 | mg/l | 8260B | 11/08/08 | 1 |
| 4-Methyl-2-pentanone (MIBK) | BDL | 0.010 | mg/l | 8260B | 11/08/08 | 1 |
| Methyl tert-butyl ether | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Naphthalene | BDL | 0.0050 | mg/l | 8260B | 11/08/08 | 1 |
| n-Propylbenzene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Styrene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,1,1,2-Tetrachloroethane | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,1,2,2-Tetrachloroethane | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoro | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Tetrachloroethene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Toluene | BDL | 0.0050 | mg/l | 8260B | 11/08/08 | 1 |
| 1,2,3-Trichlorobenzene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,2,4-Trichlorobenzene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,1,1-Trichloroethane | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,1,2-Trichloroethane | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Trichloroethene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Trichlorofluoromethane | BDL | 0.0050 | mg/l | 8260B | 11/08/08 | 1 |
| 1,2,3-Trichloropropane | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,2,4-Trimethylbenzene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,2,3-Trimethylbenzene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| 1,3,5-Trimethylbenzene | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Vinyl chloride | BDL | 0.0010 | mg/l | 8260B | 11/08/08 | 1 |
| Xylenes, Total | BDL | 0.0030 | mg/l | 8260B | 11/08/08 | 1 |
| Surrogate Recovery | | | | | | |
| Toluene-d8 | 101. | | % Rec. | 8260B | 11/08/08 | 1 |
| Dibromofluoromethane | 105. | | % Rec. | 8260B | 11/08/08 | 1 |
| 4-Bromofluorobenzene | 103. | | % Rec. | 8260B | 11/08/08 | 1 |

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit (PQL)
Note:

The reported analytical results relate only to the sample submitted.
This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 11/14/08 13:27 Revised: 01/12/09 13:44



**ENVIRONMENTAL
SCIENCE CORP.**

12065 Lebanon Rd.
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1-800-767-5859
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mark Gray
Ninyo and Moore - Las Vegas
6700 Paradise Rd., Suite E
Las Vegas, NV 89119

January 12, 2009

Date Received : November 07, 2008
Description : 302556002 3761 N. Stephanie St
Sample ID : WW1-GW-1
Collected By : Mark Gray
Collection Date : 11/06/08 14:15

ESC Sample # : L373794-03

Site ID : 3761 N STEPHANIE ST

Project # : 302556002

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|--------------------------------|--------------|------------|-------|------------|----------|------|
| Corrosivity | 7.4 | | | 9040C | 11/10/08 | 1 |
| Flashpoint | See Footnote | | deg F | D93/1010A | 11/13/08 | 1 |
| Reactive CN (SW846 7.3.3.2) | BDL | 0.125 | mg/l | 9012B | 11/14/08 | 1 |
| Reactive Sulf. (SW846 7.3.4.1) | BDL | 25. | mg/l | 9034/9030B | 11/14/08 | 1 |

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.

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Reported: 11/14/08 13:27 Revised: 01/12/09 13:44
L373794-03 (FLASHPOINT) - Did Not Flash @ 170f



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Tax I.D. 62-0814289
Est. 1970

REPORT OF ANALYSIS

Mark Gray
Ninyo and Moore - Las Vegas
6700 Paradise Rd., Suite E
Las Vegas, NV 89119

January 12, 2009

Date Received : November 07, 2008
Description : 302556002 3761 N. Stephanie St
Sample ID : WW7-GW-1
Collected By : Mark Gray
Collection Date : 11/06/08 14:30

ESC Sample # : L373794-04

Site ID : 3761 N STEPHANIE ST

Project # : 302556002

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|--------------------------------|--------------|------------|-------|------------|----------|------|
| Corrosivity | 7.7 | | | 9040C | 11/10/08 | 1 |
| Flashpoint | See Footnote | | deg F | D93/1010A | 11/13/08 | 1 |
| Reactive CN (SW846 7.3.3.2) | BDL | 0.125 | mg/l | 9012B | 11/14/08 | 1 |
| Reactive Sulf. (SW846 7.3.4.1) | BDL | 25. | mg/l | 9034/9030B | 11/14/08 | 1 |

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.

This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 11/14/08 13:27 Revised: 01/12/09 13:44
L373794-04 (FLASHPOINT) - Did Not Flash @ 170f

Attachment A
List of Analytes with QC Qualifiers

| Sample Number | Work Group | Sample Type | Analyte | Run ID | Qualifier |
|---------------|------------|-------------|--------------------------------|---------|-----------|
| L373794-01 | WG392914 | SAMP | Acrolein | R530489 | J4 |
| L373794-02 | WG392914 | SAMP | Acrolein | R530489 | J4 |
| L373794-03 | WG392860 | SAMP | Corrosivity | R531165 | T8 |
| | WG393783 | SAMP | Reactive Sulf. (SW846 7.3.4.1) | R534490 | Q |
| L373794-04 | WG392860 | SAMP | Corrosivity | R531165 | T8 |
| | WG393783 | SAMP | Reactive Sulf. (SW846 7.3.4.1) | R534490 | Q |

Attachment B
Explanation of QC Qualifier Codes

| Qualifier | Meaning |
|-----------|---|
| J4 | The associated batch QC was outside the established quality control range for accuracy. |
| Q | (ESC) Sample held beyond the accepted holding time. |
| T8 | (ESC) - Additional method/sample information: Sample(s) received past/too close to holding time expiration. |

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

- Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.
- Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.
- Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.
- TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
01/12/09 at 13:44:04

TSR Signing Reports: 288
R5 - Desired TAT

Sample: L373794-01 Account: NINYOLNV Received: 11/07/08 09:00 Due Date: 11/14/08 00:00 RPT Date: 11/14/08 13:27
MS/MSD this sample
Sample: L373794-02 Account: NINYOLNV Received: 11/07/08 09:00 Due Date: 11/14/08 00:00 RPT Date: 11/14/08 13:27
Sample: L373794-03 Account: NINYOLNV Received: 11/07/08 09:00 Due Date: 11/14/08 00:00 RPT Date: 11/14/08 13:27
Sample: L373794-04 Account: NINYOLNV Received: 11/07/08 09:00 Due Date: 11/14/08 00:00 RPT Date: 11/14/08 13:27



Environmental Science Corporation

Quality Control Summary Ninyo and Moore - Las Vegas

L373794

Test: Corrosivity by Method 9040C

Matrix: Water - mg/L

Project: 302556002 3761 N. Stephanie St

Project No: 302556002

Login No: L373794

Sample Number: L373794-03, -04

Sample Date: 11/6/2008

Extraction Date: 11/8/2008

Analysis Date: 11/10/2008 4:13:00 PM

Instrument ID: ACCUMET AB

Analyst: 183

Analytic Batch: WG392860

EPA ID: TN00003

Method Blank

| Analyte | CAS | PQL |
|-------------|-----|------|
| Corrosivity | | 7.20 |

Laboratory Control Sample (LCS)

| Analyte | True Value | Found | Recovery % | Control Limits | Qualifiers |
|-------------|------------|-------|------------|----------------|------------|
| Corrosivity | 7.42 | 7.40 | 99.7 | 97.19 - 102.8 | |

Laboratory Control Sample Duplicate (LCSD)

| Analyte | True Value | Found | Recovery % | Control Limits | Qualifiers |
|-------------|------------|-------|------------|----------------|------------|
| Corrosivity | 7.42 | 7.50 | 101 | 97.19 - 102.8 | |



Environmental Science Corporation

Quality Control Summary

Ninyo and Moore - Las Vegas

Test: Corrosivity by Method 9040C

L373794

Matrix: Water - mg/L

Project: 302556002 3761 N. Stephanie St

Project No: 302556002

Login No: L373794

Sample Number: L373794-03, -04

Sample Date: 11/6/2008

Extraction Date: 11/8/2008

Analysis Date: 11/10/2008 4:13:00 PM

Instrument ID: ACCUMET AB

Analyst: 183

Analytic Batch: WG392860

EPA ID: TN00003

Laboratory Control Sample/ Laboratory Control Sample Duplicate

| Analyte | Spike | LCS | % Rec | LCSD | % Rec | Control Limits | Qualifier RPD | % Control Limits | Control Qualifier |
|-------------|-------|------|-------|------|-------|----------------|---------------|------------------|-------------------|
| Corrosivity | 7.42 | 7.40 | 99.7 | 7.50 | 101 | 97.19-102.8 | 1.3 | 20 | |

Sample Duplicate

L373794-03

| Name | Sample Results | Results Duplicate | %RPD | Limit | Qualifiers |
|-------------|----------------|-------------------|------|-------|------------|
| Corrosivity | 7.40 | 7.60 | 2.7 | 20 | |



Environmental Science Corporation

Quality Control Summary Ninyo and Moore - Las Vegas

Test: Flashpoint by Method D93/1010A

L373794

Matrix: Water - mg/L

Project: 302556002 3761 N. Stephanie St

Project No: 302556002

Login No: L373794

Sample Number: L373794-04, -03

Sample Date: 11/6/2008

Extraction Date: 11/11/2008

Analysis Date: 11/13/2008 10:30:00 AM

Instrument ID: KOEHLER

Analyst: 352

Analytic Batch: WG393357

EPA ID: TN00003

Laboratory Control Sample (LCS)

| Analyte | True Value | Found | Recovery % | Control Limits | Qualifiers |
|------------|------------|-------|------------|----------------|------------|
| Flashpoint | 82.0 | 81.0 | 98.8 | 96 - 103 | |

Laboratory Control Sample Duplicate (LCSD)

| Analyte | True Value | Found | Recovery % | Control Limits | Qualifiers |
|------------|------------|-------|------------|----------------|------------|
| Flashpoint | 82.0 | 83.0 | 101 | 96 - 103 | |



Environmental Science Corporation

Quality Control Summary

Ninyo and Moore - Las Vegas

Test: Flashpoint by Method D93/1010A

L373794

Matrix: Water - mg/L

Project: 302556002 3761 N. Stephanie St

Project No: 302556002

Login No: L373794

Sample Number: L373794-04, -03

Sample Date: 11/6/2008

Extraction Date: 11/11/2008

Analysis Date: 11/13/2008 10:30:00 AM

Instrument ID: KOEHLER

Analyst: 352

Analytic Batch: WG393357

EPA ID: TN00003

Laboratory Control Sample/ Laboratory Control Sample Duplicate

| Analyte | Spike | LCS | % Rec | LCSD | % Rec | Control Limits | Qualifier RPD | % Control Limits | Qualifier |
|------------|-------|------|-------|------|-------|----------------|---------------|------------------|-----------|
| Flashpoint | 82.0 | 81.0 | 98.8 | 83.0 | 101 | 96-103 | 2.4 | 7 | |

Sample Duplicate

L373445-01

| Name | Sample Results | Results Duplicate | %RPD | Limit | Qualifiers |
|------------|----------------|-------------------|------|-------|------------|
| Flashpoint | 0.0000 | 0.0000 | | | |



Environmental Science Corporation

Quality Control Summary

Ninyo and Moore - Las Vegas

Test: Reactive CN (SW846 7.3.3.2) by Method 9012B

L373794

Matrix: Water - mg/L

Project: 302556002 3761 N. Stephanie St

Project No: 302556002

Login No: L373794

Sample Number: L373794-03, -04

Sample Date: 11/6/2008

Extraction Date: 11/13/2008

Analysis Date: 11/14/2008 11:33:00 AM

Instrument ID: LACHAT4

Analyst:

Analytic Batch: WG393785

EPA ID: TN00003

Sample Duplicate

L373794-03

| Name | Sample Results | Results Duplicate | %RPD | Limit | Qualifiers |
|---------------------|----------------|-------------------|------|-------|------------|
| Reactive CN (SW846) | 0.0000 | 0.0000 | | | |



Environmental Science Corporation

Quality Control Summary

Ninyo and Moore - Las Vegas

Test: Reactive Sulf.(SW846 7.3.4.1) by Method 9034/9030B

L373794

Matrix: Water - mg/L

Project: 302556002 3761 N. Stephanie St

Project No: 302556002

Login No: L373794

Sample Number: L373794-04, -03

Sample Date: 11/6/2008

Extraction Date: 11/13/2008

Analysis Date: 11/14/2008 10:00:00 AM

Instrument ID: NONE

Analyst: 352

Analytic Batch: WG393783

EPA ID: TN00003

Method Blank

| Analyte | CAS | PQL |
|-------------------------------|-----|-------|
| Reactive Sulf.(SW846 7.3.4.1) | | <25.0 |

Laboratory Control Sample (LCS)

| Analyte | True Value | Found | Recovery % | Control Limits | Qualifiers |
|-------------------------------|------------|-------|------------|----------------|------------|
| Reactive Sulf.(SW846 7.3.4.1) | 100 | 96.0 | 96.0 | 70 - 130 | |

Laboratory Control Sample Duplicate (LCSD)

| Analyte | True Value | Found | Recovery % | Control Limits | Qualifiers |
|-------------------------------|------------|-------|------------|----------------|------------|
| Reactive Sulf.(SW846 7.3.4.1) | 100 | 96.0 | 96.0 | 70 - 130 | |



Environmental Science Corporation

Quality Control Summary

Ninyo and Moore - Las Vegas

Test: Reactive Sulf.(SW846 7.3.4.1) by Method 9034/9030B

L373794

Matrix: Water - mg/L

Project: 302556002 3761 N. Stephanie St

Project No: 302556002

Login No: L373794

Sample Number: L373794-04, -03

Sample Date: 11/6/2008

Extraction Date: 11/13/2008

Analysis Date: 11/14/2008 10:00:00 AM

Instrument ID: NONE

Analyst: 352

Analytic Batch: WG393783

EPA ID: TN00003

Laboratory Control Sample/ Laboratory Control Sample Duplicate

| Analyte | Spike | LCS | % Rec | LCSD | % Rec | Control Limits | Qualifier RPD | % Control Limits | Control Qualifier |
|----------------------|-------|------|-------|------|-------|----------------|---------------|------------------|-------------------|
| Reactive Sulf.(SW846 | 100 | 96.0 | 96.0 | 96.0 | 96.0 | 70-130 | 0.0 | 20 | |

Sample Duplicate

L373794-03

| Name | Sample Results | Results Duplicate | %RPD | Limit | Qualifiers |
|----------------------|----------------|-------------------|------|-------|------------|
| Reactive Sulf.(SW846 | 0.0000 | 0.0000 | | | |



Environmental Science Corporation

Quality Control Summary

Ninyo and Moore - Las Vegas

Test: Volatile Organic Compounds by Method 8260B

L373794

Matrix: Water - mg/L

Project: 302556002 3761 N. Stephanie St

Project No: 302556002

Login No: L373794

Sample Number: L373794-01, -02

Sample Date: 11/6/2008

Analysis Date: 11/8/2008

Instrument ID: VOCMS20

Analyst: 126

Analytic Batch: WG392914

EPA ID: TN00003

Method Blank

| Analyte | CAS | PQL |
|---------------------------------------|------------|---------|
| Dichlorodifluoromethane | 75-71-8 | <0.0050 |
| Chloromethane | 74-87-3 | <0.0025 |
| Vinyl chloride | 75-01-4 | <0.0010 |
| Bromomethane | 74-83-9 | <0.0050 |
| Chloroethane | 75-00-3 | <0.0050 |
| Trichlorofluoromethane | 75-69-4 | <0.0050 |
| Acrolein | 107-02-8 | <0.0500 |
| 1,1-Dichloroethene | 75-35-4 | <0.0010 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 76-13-1 | <0.0010 |
| Acetone | 67-64-1 | <0.0500 |
| Methylene Chloride | 75-09-2 | <0.0050 |
| Acrylonitrile | 107-13-1 | <0.0100 |
| trans-1,2-Dichloroethene | 156-60-5 | <0.0010 |
| Methyl tert-butyl ether | 1634-04-4 | <0.0010 |
| 1,1-Dichloroethane | 75-34-3 | <0.0010 |
| Di-isopropyl ether | 108-20-3 | <0.0010 |
| 2,2-Dichloropropane | 594-20-7 | <0.0010 |
| cis-1,2-Dichloroethene | 156-59-2 | <0.0010 |
| 2-Butanone (MEK) | 78-93-3 | <0.0100 |
| Chloroform | 67-66-3 | <0.0050 |
| 1,1,1-Trichloroethane | 71-55-6 | <0.0010 |
| Carbon tetrachloride | 56-23-5 | <0.0010 |
| 1,1-Dichloropropene | 563-58-6 | <0.0010 |
| Benzene | 71-43-2 | <0.0010 |
| 1,2-Dichloroethane | 107-06-2 | <0.0010 |
| Trichloroethene | 79-01-6 | <0.0010 |
| 1,2-Dichloropropane | 78-87-5 | <0.0010 |
| Dibromomethane | 74-95-3 | <0.0010 |
| Bromodichloromethane | 75-27-4 | <0.0010 |
| 2-Chloroethyl vinyl ether | 110-75-8 | <0.0500 |
| cis-1,3-Dichloropropene | 10061-01-5 | <0.0010 |
| 4-Methyl-2-pentanone (MIBK) | 108-10-1 | <0.0100 |
| Toluene | 108-88-3 | <0.0050 |
| trans-1,3-Dichloropropene | 10061-02-6 | <0.0010 |
| 1,1,2-Trichloroethane | 79-00-5 | <0.0010 |



Environmental Science Corporation

Quality Control Summary

Ninyo and Moore - Las Vegas

Test: Volatile Organic Compounds by Method 8260B

L373794

Matrix: Water - mg/L

Project: 302556002 3761 N. Stephanie St

Project No: 302556002

Login No: L373794

Sample Number: L373794-01, -02

Sample Date: 11/6/2008

Analysis Date: 11/8/2008

Instrument ID: VOCMS20

Analyst: 126

Analytic Batch: WG392914

EPA ID: TN00003

Method Blank

| Analyte | CAS | PQL |
|-----------------------------|-----------|---------|
| Tetrachloroethene | 127-18-4 | <0.0010 |
| 1,3-Dichloropropane | 142-28-9 | <0.0010 |
| Chlorodibromomethane | 124-48-1 | <0.0010 |
| 1,2-Dibromoethane | 106-93-4 | <0.0010 |
| Chlorobenzene | 108-90-7 | <0.0010 |
| 1,1,1,2-Tetrachloroethane | 630-20-6 | <0.0010 |
| Ethylbenzene | 100-41-4 | <0.0010 |
| m&p-Xylene | 1330-20-7 | <0.0030 |
| o-Xylene | 1330-20-7 | <0.0030 |
| Styrene | 100-42-5 | <0.0010 |
| Bromoform | 75-25-2 | <0.0010 |
| Isopropylbenzene | 98-82-8 | <0.0010 |
| Bromobenzene | 108-86-1 | <0.0010 |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | <0.0010 |
| 1,2,3-Trichloropropane | 96-18-4 | <0.0010 |
| n-Propylbenzene | 103-65-1 | <0.0010 |
| 2-Chlorotoluene | 95-49-8 | <0.0010 |
| 4-Chlorotoluene | 106-43-4 | <0.0010 |
| 1,3,5-Trimethylbenzene | 108-67-8 | <0.0010 |
| tert-Butylbenzene | 98-06-6 | <0.0010 |
| 1,2,4-Trimethylbenzene | 95-63-6 | <0.0010 |
| sec-Butylbenzene | 135-98-8 | <0.0010 |
| 1,3-Dichlorobenzene | 541-73-1 | <0.0010 |
| p-Isopropyltoluene | 99-87-6 | <0.0010 |
| 1,4-Dichlorobenzene | 106-46-7 | <0.0010 |
| 1,2,3-Trimethylbenzene | 526-73-8 | <0.0010 |
| 1,2-Dichlorobenzene | 95-50-1 | <0.0010 |
| n-Butylbenzene | 104-51-8 | <0.0010 |
| 1,2-Dibromo-3-Chloropropane | 96-12-8 | <0.0050 |
| 1,2,4-Trichlorobenzene | 120-82-1 | <0.0010 |
| Hexachloro-1,3-butadiene | 87-68-3 | <0.0010 |
| Naphthalene | 91-20-3 | <0.0050 |
| 1,2,3-Trichlorobenzene | 87-61-6 | <0.0010 |



Environmental Science Corporation

Quality Control Summary Ninyo and Moore - Las Vegas

Test: Volatile Organic Compounds by Method 8260B

L373794

Matrix: Water - mg/L

Project: 302556002 3761 N. Stephanie St

Project No: 302556002

Login No: L373794

Sample Number: L373794-01

Sample Date: 11/6/2008

Analysis Date: 11/10/2008

Instrument ID: VOCGCMS5

Analyst: 366

Analytic Batch: WG392986

EPA ID: TN00003

Method Blank

| Analyte | CAS | PQL |
|-------------------|----------|---------|
| Tetrachloroethene | 127-18-4 | <0.0010 |

Laboratory Control Sample (LCS)

| Analyte | True Value | Found | Recovery % | Control Limits | Qualifiers |
|-------------------|------------|--------|------------|----------------|------------|
| Tetrachloroethene | 0.0500 | 0.0523 | 105 | 67 - 135 | |

Laboratory Control Sample Duplicate (LCSD)

| Analyte | True Value | Found | Recovery % | Control Limits | Qualifiers |
|-------------------|------------|--------|------------|----------------|------------|
| Tetrachloroethene | 0.0500 | 0.0505 | 101 | 67 - 135 | |



Environmental Science Corporation

Quality Control Summary

Ninyo and Moore - Las Vegas

Test: Volatile Organic Compounds by Method 8260B

L373794

Matrix: Water - mg/L

Project: 302556002 3761 N. Stephanie St

Project No: 302556002

Login No: L373794

Sample Number: L373794-01, -02

Sample Date: 11/6/2008

Analysis Date: 11/8/2008

Instrument ID: VOCMS20

Analyst: 126

Analytic Batch: WG392914

EPA ID: TN00003

Laboratory Control Sample (LCS)

| Analyte | True Value | Found | Recovery % | Control Limits | Qualifiers |
|---------------------------------------|------------|--------|------------|----------------|------------|
| Dichlorodifluoromethane | 0.0500 | 0.0564 | 113 | 39 - 189 | |
| Chloromethane | 0.0500 | 0.0576 | 115 | 45 - 152 | |
| Vinyl chloride | 0.0500 | 0.0614 | 123 | 55 - 153 | |
| Bromomethane | 0.0500 | 0.0605 | 121 | 45 - 175 | |
| Chloroethane | 0.0500 | 0.0578 | 116 | 49 - 155 | |
| Trichlorofluoromethane | 0.0500 | 0.0559 | 112 | 54 - 156 | |
| Acrolein | 0.250 | 0.466 | 186 | 6 - 182 | J4 |
| 1,1-Dichloroethene | 0.0500 | 0.0544 | 109 | 60 - 130 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0500 | 0.0651 | 130 | 51 - 149 | |
| Acetone | 0.250 | 0.237 | 94.8 | 48 - 134 | |
| Methylene Chloride | 0.0500 | 0.0560 | 112 | 64 - 125 | |
| Acrylonitrile | 0.250 | 0.304 | 122 | 60 - 140 | |
| trans-1,2-Dichloroethene | 0.0500 | 0.0581 | 116 | 67 - 129 | |
| Methyl tert-butyl ether | 0.0500 | 0.0577 | 115 | 51 - 142 | |
| 1,1-Dichloroethane | 0.0500 | 0.0570 | 114 | 67 - 133 | |
| Di-isopropyl ether | 0.0500 | 0.0606 | 121 | 63 - 139 | |
| 2,2-Dichloropropane | 0.0500 | 0.0644 | 129 | 46 - 151 | |
| cis-1,2-Dichloroethene | 0.0500 | 0.0625 | 125 | 72 - 128 | |
| 2-Butanone (MEK) | 0.250 | 0.276 | 111 | 53 - 132 | |
| Chloroform | 0.0500 | 0.0564 | 113 | 66 - 126 | |
| 1,1,1-Trichloroethane | 0.0500 | 0.0562 | 112 | 67 - 137 | |
| Carbon tetrachloride | 0.0500 | 0.0520 | 104 | 64 - 141 | |
| 1,1-Dichloropropene | 0.0500 | 0.0575 | 115 | 68 - 132 | |
| Benzene | 0.0500 | 0.0580 | 116 | 67 - 126 | |
| 1,2-Dichloroethane | 0.0500 | 0.0549 | 110 | 63 - 137 | |
| Trichloroethene | 0.0500 | 0.0587 | 117 | 74 - 126 | |
| 1,2-Dichloropropane | 0.0500 | 0.0590 | 118 | 74 - 122 | |
| Dibromomethane | 0.0500 | 0.0541 | 108 | 73 - 125 | |
| Bromodichloromethane | 0.0500 | 0.0570 | 114 | 68 - 133 | |
| 2-Chloroethyl vinyl ether | 0.250 | 0.209 | 83.6 | 0 - 171 | |
| cis-1,3-Dichloropropene | 0.0500 | 0.0556 | 111 | 73 - 131 | |
| 4-Methyl-2-pentanone (MIBK) | 0.250 | 0.262 | 105 | 60 - 142 | |
| Toluene | 0.0500 | 0.0524 | 105 | 72 - 122 | |
| trans-1,3-Dichloropropene | 0.0500 | 0.0469 | 93.9 | 66 - 137 | |
| 1,1,2-Trichloroethane | 0.0500 | 0.0508 | 102 | 79 - 123 | |



Environmental Science Corporation

Quality Control Summary

Ninyo and Moore - Las Vegas

Test: Volatile Organic Compounds by Method 8260B

L373794

Matrix: Water - mg/L

Project: 302556002 3761 N. Stephanie St

Project No: 302556002

Login No: L373794

Sample Number: L373794-01, -02

Sample Date: 11/6/2008

Analysis Date: 11/8/2008

Instrument ID: VOCMS20

Analyst: 126

Analytic Batch: WG392914

EPA ID: TN00003

Laboratory Control Sample (LCS)

| Analyte | True Value | Found | Recovery % | Control Limits | Qualifiers |
|-----------------------------|------------|--------|------------|----------------|------------|
| Tetrachloroethene | 0.0500 | 0.0518 | 104 | 67 - 135 | |
| 1,3-Dichloropropane | 0.0500 | 0.0540 | 108 | 77 - 119 | |
| Chlorodibromomethane | 0.0500 | 0.0543 | 109 | 73 - 138 | |
| 1,2-Dibromoethane | 0.0500 | 0.0547 | 109 | 75 - 126 | |
| Chlorobenzene | 0.0500 | 0.0548 | 110 | 77 - 125 | |
| 1,1,1,2-Tetrachloroethane | 0.0500 | 0.0556 | 111 | 75 - 134 | |
| Ethylbenzene | 0.0500 | 0.0557 | 111 | 76 - 129 | |
| m&p-Xylene | 0.100 | 0.106 | 106 | 74 - 128 | |
| o-Xylene | 0.0500 | 0.0560 | 112 | 78 - 128 | |
| Styrene | 0.0500 | 0.0581 | 116 | 78 - 130 | |
| Bromoform | 0.0500 | 0.0568 | 114 | 60 - 139 | |
| Isopropylbenzene | 0.0500 | 0.0526 | 105 | 73 - 132 | |
| Bromobenzene | 0.0500 | 0.0518 | 104 | 76 - 123 | |
| 1,1,2,2-Tetrachloroethane | 0.0500 | 0.0504 | 101 | 72 - 128 | |
| 1,2,3-Trichloropropane | 0.0500 | 0.0495 | 99.0 | 68 - 130 | |
| n-Propylbenzene | 0.0500 | 0.0510 | 102 | 71 - 132 | |
| 2-Chlorotoluene | 0.0500 | 0.0527 | 105 | 74 - 128 | |
| 4-Chlorotoluene | 0.0500 | 0.0519 | 104 | 74 - 130 | |
| 1,3,5-Trimethylbenzene | 0.0500 | 0.0532 | 106 | 73 - 134 | |
| tert-Butylbenzene | 0.0500 | 0.0527 | 105 | 72 - 134 | |
| 1,2,4-Trimethylbenzene | 0.0500 | 0.0526 | 105 | 72 - 135 | |
| sec-Butylbenzene | 0.0500 | 0.0525 | 105 | 70 - 135 | |
| 1,3-Dichlorobenzene | 0.0500 | 0.0532 | 106 | 73 - 131 | |
| p-Isopropyltoluene | 0.0500 | 0.0537 | 107 | 68 - 138 | |
| 1,4-Dichlorobenzene | 0.0500 | 0.0480 | 96.1 | 70 - 121 | |
| 1,2,3-Trimethylbenzene | 0.0500 | 0.0489 | 97.8 | 70 - 127 | |
| 1,2-Dichlorobenzene | 0.0500 | 0.0500 | 99.9 | 75 - 122 | |
| n-Butylbenzene | 0.0500 | 0.0457 | 91.5 | 63 - 142 | |
| 1,2-Dibromo-3-Chloropropane | 0.0500 | 0.0483 | 96.5 | 55 - 134 | |
| 1,2,4-Trichlorobenzene | 0.0500 | 0.0480 | 96.1 | 65 - 137 | |
| Hexachloro-1,3-butadiene | 0.0500 | 0.0496 | 99.1 | 67 - 135 | |
| Naphthalene | 0.0500 | 0.0485 | 97.0 | 56 - 145 | |
| 1,2,3-Trichlorobenzene | 0.0500 | 0.0482 | 96.4 | 63 - 138 | |



Environmental Science Corporation

Quality Control Summary

Ninyo and Moore - Las Vegas

Test: Volatile Organic Compounds by Method 8260B

L373794

Matrix: Water - mg/L

Project: 302556002 3761 N. Stephanie St

Project No: 302556002

Login No: L373794

Sample Number: L373794-01, -02

Sample Date: 11/6/2008

Analysis Date: 11/8/2008

Instrument ID: VOCMS20

Analyst: 126

Analytic Batch: WG392914

EPA ID: TN00003

Laboratory Control Sample Duplicate (LCSD)

| Analyte | True Value | Found | Recovery % | Control Limits | Qualifiers |
|---------------------------------------|------------|--------|------------|----------------|------------|
| Dichlorodifluoromethane | 0.0500 | 0.0533 | 107 | 39 - 189 | |
| Chloromethane | 0.0500 | 0.0547 | 109 | 45 - 152 | |
| Vinyl chloride | 0.0500 | 0.0581 | 116 | 55 - 153 | |
| Bromomethane | 0.0500 | 0.0585 | 117 | 45 - 175 | |
| Chloroethane | 0.0500 | 0.0562 | 112 | 49 - 155 | |
| Trichlorofluoromethane | 0.0500 | 0.0546 | 109 | 54 - 156 | |
| Acrolein | 0.250 | 0.486 | 194 | 6 - 182 | J4 |
| 1,1-Dichloroethene | 0.0500 | 0.0536 | 107 | 60 - 130 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0500 | 0.0636 | 127 | 51 - 149 | |
| Acetone | 0.250 | 0.235 | 94.2 | 48 - 134 | |
| Methylene Chloride | 0.0500 | 0.0538 | 108 | 64 - 125 | |
| Acrylonitrile | 0.250 | 0.303 | 121 | 60 - 140 | |
| trans-1,2-Dichloroethene | 0.0500 | 0.0575 | 115 | 67 - 129 | |
| Methyl tert-butyl ether | 0.0500 | 0.0570 | 114 | 51 - 142 | |
| 1,1-Dichloroethane | 0.0500 | 0.0569 | 114 | 67 - 133 | |
| Di-isopropyl ether | 0.0500 | 0.0611 | 122 | 63 - 139 | |
| 2,2-Dichloropropane | 0.0500 | 0.0646 | 129 | 46 - 151 | |
| cis-1,2-Dichloroethene | 0.0500 | 0.0619 | 124 | 72 - 128 | |
| 2-Butanone (MEK) | 0.250 | 0.278 | 111 | 53 - 132 | |
| Chloroform | 0.0500 | 0.0555 | 111 | 66 - 126 | |
| 1,1,1-Trichloroethane | 0.0500 | 0.0552 | 110 | 67 - 137 | |
| Carbon tetrachloride | 0.0500 | 0.0509 | 102 | 64 - 141 | |
| 1,1-Dichloropropene | 0.0500 | 0.0567 | 113 | 68 - 132 | |
| Benzene | 0.0500 | 0.0584 | 117 | 67 - 126 | |
| 1,2-Dichloroethane | 0.0500 | 0.0548 | 110 | 63 - 137 | |
| Trichloroethene | 0.0500 | 0.0595 | 119 | 74 - 126 | |
| 1,2-Dichloropropane | 0.0500 | 0.0586 | 117 | 74 - 122 | |
| Dibromomethane | 0.0500 | 0.0545 | 109 | 73 - 125 | |
| Bromodichloromethane | 0.0500 | 0.0576 | 115 | 68 - 133 | |
| 2-Chloroethyl vinyl ether | 0.250 | 0.220 | 88.1 | 0 - 171 | |
| cis-1,3-Dichloropropene | 0.0500 | 0.0577 | 115 | 73 - 131 | |
| 4-Methyl-2-pentanone (MIBK) | 0.250 | 0.272 | 109 | 60 - 142 | |
| Toluene | 0.0500 | 0.0546 | 109 | 72 - 122 | |
| trans-1,3-Dichloropropene | 0.0500 | 0.0487 | 97.4 | 66 - 137 | |
| 1,1,2-Trichloroethane | 0.0500 | 0.0502 | 100 | 79 - 123 | |



Environmental Science Corporation

Quality Control Summary

Ninyo and Moore - Las Vegas

Test: Volatile Organic Compounds by Method 8260B

L373794

Matrix: Water - mg/L

Project: 302556002 3761 N. Stephanie St

Project No: 302556002

Login No: L373794

Sample Number: L373794-01, -02

Sample Date: 11/6/2008

Analysis Date: 11/8/2008

Instrument ID: VOCMS20

Analyst: 126

Analytic Batch: WG392914

EPA ID: TN00003

Laboratory Control Sample Duplicate (LCSD)

| Analyte | True Value | Found | Recovery % | Control Limits | Qualifiers |
|-----------------------------|------------|--------|------------|----------------|------------|
| Tetrachloroethene | 0.0500 | 0.0503 | 101 | 67 - 135 | |
| 1,3-Dichloropropane | 0.0500 | 0.0545 | 109 | 77 - 119 | |
| Chlorodibromomethane | 0.0500 | 0.0539 | 108 | 73 - 138 | |
| 1,2-Dibromoethane | 0.0500 | 0.0534 | 107 | 75 - 126 | |
| Chlorobenzene | 0.0500 | 0.0540 | 108 | 77 - 125 | |
| 1,1,1,2-Tetrachloroethane | 0.0500 | 0.0531 | 106 | 75 - 134 | |
| Ethylbenzene | 0.0500 | 0.0547 | 109 | 76 - 129 | |
| m&p-Xylene | 0.100 | 0.104 | 104 | 74 - 128 | |
| o-Xylene | 0.0500 | 0.0549 | 110 | 78 - 128 | |
| Styrene | 0.0500 | 0.0577 | 115 | 78 - 130 | |
| Bromoform | 0.0500 | 0.0545 | 109 | 60 - 139 | |
| Isopropylbenzene | 0.0500 | 0.0514 | 103 | 73 - 132 | |
| Bromobenzene | 0.0500 | 0.0500 | 100 | 76 - 123 | |
| 1,1,2,2-Tetrachloroethane | 0.0500 | 0.0501 | 100 | 72 - 128 | |
| 1,2,3-Trichloropropane | 0.0500 | 0.0484 | 96.7 | 68 - 130 | |
| n-Propylbenzene | 0.0500 | 0.0503 | 101 | 71 - 132 | |
| 2-Chlorotoluene | 0.0500 | 0.0517 | 103 | 74 - 128 | |
| 4-Chlorotoluene | 0.0500 | 0.0507 | 101 | 74 - 130 | |
| 1,3,5-Trimethylbenzene | 0.0500 | 0.0516 | 103 | 73 - 134 | |
| tert-Butylbenzene | 0.0500 | 0.0517 | 103 | 72 - 134 | |
| 1,2,4-Trimethylbenzene | 0.0500 | 0.0507 | 101 | 72 - 135 | |
| sec-Butylbenzene | 0.0500 | 0.0502 | 100 | 70 - 135 | |
| 1,3-Dichlorobenzene | 0.0500 | 0.0518 | 104 | 73 - 131 | |
| p-Isopropyltoluene | 0.0500 | 0.0521 | 104 | 68 - 138 | |
| 1,4-Dichlorobenzene | 0.0500 | 0.0484 | 96.7 | 70 - 121 | |
| 1,2,3-Trimethylbenzene | 0.0500 | 0.0492 | 98.4 | 70 - 127 | |
| 1,2-Dichlorobenzene | 0.0500 | 0.0504 | 101 | 75 - 122 | |
| n-Butylbenzene | 0.0500 | 0.0468 | 93.7 | 63 - 142 | |
| 1,2-Dibromo-3-Chloropropane | 0.0500 | 0.0481 | 96.3 | 55 - 134 | |
| 1,2,4-Trichlorobenzene | 0.0500 | 0.0478 | 95.6 | 65 - 137 | |
| Hexachloro-1,3-butadiene | 0.0500 | 0.0491 | 98.3 | 67 - 135 | |
| Naphthalene | 0.0500 | 0.0494 | 98.8 | 56 - 145 | |
| 1,2,3-Trichlorobenzene | 0.0500 | 0.0492 | 98.4 | 63 - 138 | |



Environmental Science Corporation

Quality Control Summary Ninyo and Moore - Las Vegas

Test: Volatile Organic Compounds by Method 8260B

L373794

Matrix: Water - mg/L

Project: 302556002 3761 N. Stephanie St

Project No: 302556002

Login No: L373794

Sample Number: L373794-01, -02

Sample Date: 11/6/2008

Analysis Date: 11/8/2008

Instrument ID: VOCMS20

Analyst: 126

Analytic Batch: WG392914

EPA ID: TN00003

Surrogate Summary

| Laboratory Sample ID | Dibromofluoromethane | | Toluene-d8 | | 4-Bromofluorobenzene | | Alternate Surrogate a,a,a-Trifluorotoluene | |
|-------------------------|----------------------|-------|------------|-------|----------------------|-------|---|-------|
| | ppb | % Rec | ppb | % Rec | ppb | % Rec | ppb | % Rec |
| LCS WG392914 | 42.2 | 106 | 40.1 | 100 | 41.7 | 104 | 40.6 | 102 |
| LCSD WG392914 | 41.1 | 103 | 40.7 | 102 | 41.0 | 102 | 41.6 | 104 |
| MS WG392914 | 41.9 | 105 | 40.8 | 102 | 39.7 | 99.3 | 41.6 | 104 |
| MSD WG392914 | 41.7 | 104 | 40.4 | 101 | 41.4 | 104 | 40.8 | 102 |
| Blank WG392914 | 40.8 | 102 | 40.9 | 102 | 43.2 | 108 | 41.8 | 105 |
| L373794-01 | 43.0 | 107 | 41.1 | 103 | 43.5 | 109 | 43.1 | 108 |
| L373794-02 | 42.1 | 105 | 40.4 | 101 | 41.2 | 103 | 41.0 | 103 |

| | | |
|----------------------------|--------|----------|
| Dibromofluoromethane | 40 ppb | 79 - 125 |
| Toluene - d8 | 40 ppb | 87 - 114 |
| 4-Bromofluorobenzene | 40 ppb | 75 - 128 |
| Alternate Surrogate | | |
| a,a,a-Trifluorotoluene | 40 ppb | 84 - 114 |



Environmental Science Corporation

Quality Control Summary

Ninyo and Moore - Las Vegas

Test: Volatile Organic Compounds by Method 8260B

L373794

Matrix: Water - mg/L

Project: 302556002 3761 N. Stephanie St

Project No: 302556002

Login No: L373794

Sample Number: L373794-01

Sample Date: 11/6/2008

Analysis Date: 11/10/2008

Instrument ID: VOCGCMS5

Analyst: 366

Analytic Batch: WG392986

EPA ID: TN00003

Surrogate Summary

| Laboratory Sample ID | Dibromofluoromethane | | Toluene-d8 | | 4-Bromofluorobenzene | | Alternate Surrogate a,a,a-Trifluorotoluene | |
|-------------------------|----------------------|-------|------------|-------|----------------------|-------|---|-------|
| | ppb | % Rec | ppb | % Rec | ppb | % Rec | ppb | % Rec |
| LCS WG392986 | 39.9 | 99.9 | 38.4 | 95.9 | 40.2 | 101 | 40.2 | 100 |
| LCSD WG392986 | 39.3 | 98.3 | 36.4 | 91.1 | 39.6 | 99.1 | 39.2 | 98.0 |
| MS WG392986 | 40.5 | 101 | 38.0 | 95.0 | 40.5 | 101 | 39.7 | 99.3 |
| MSD WG392986 | 40.2 | 100 | 36.7 | 91.8 | 37.0 | 92.5 | 40.0 | 100.0 |
| Blank WG392986 | 37.9 | 94.8 | 38.9 | 97.2 | 39.3 | 98.2 | 40.2 | 100 |
| L373794-01 | 38.8 | 97.0 | 38.7 | 96.6 | 39.5 | 98.6 | 39.7 | 99.2 |

| | | |
|----------------------------|--------|----------|
| Dibromofluoromethane | 40 ppb | 79 - 125 |
| Toluene - d8 | 40 ppb | 87 - 114 |
| 4-Bromofluorobenzene | 40 ppb | 75 - 128 |
| Alternate Surrogate | | |
| a,a,a-Trifluorotoluene | 40 ppb | 84 - 114 |



Environmental Science Corporation

Quality Control Summary

Ninyo and Moore - Las Vegas

Test: Volatile Organic Compounds by Method 8260B

L373794

Matrix: Water - mg/L

Project: 302556002 3761 N. Stephanie St

Project No: 302556002

Login No: L373794

Sample Number: L373794-01, -02

Analysis Date: 11/8/2008

EPA ID: TN00003

Instrument ID: VOCMS20

Analytic Batch: WG392914

Matrix Spike/Matrix Spike Duplicate

L373782-06

| Analyte | Spike Value | Sample | MS | % Rec | MSD | % Rec | Control Limits | Qualifier RPD | % Control Limits | Control Qualifier |
|-------------------------------|-------------|--------|--------|-------|--------|-------|----------------|---------------|------------------|-------------------|
| Dichlorodifluoromethane | 0.0500 | 0.0000 | 0.0600 | 120 | 0.0611 | 122 | 0-200 | 1.8 | 26 | |
| Chloromethane | 0.0500 | 0.0000 | 0.0614 | 123 | 0.0610 | 122 | 10-174 | 0.6 | 28 | |
| Vinyl chloride | 0.0500 | 0.0000 | 0.0667 | 133 | 0.0670 | 134 | 0-179 | 0.3 | 26 | |
| Bromomethane | 0.0500 | 0.0000 | 0.0614 | 123 | 0.0628 | 126 | 0-191 | 2.3 | 35 | |
| Chloroethane | 0.0500 | 0.0000 | 0.0610 | 122 | 0.0632 | 126 | 4-176 | 3.6 | 27 | |
| Trichlorofluoromethane | 0.0500 | 0.0000 | 0.0621 | 124 | 0.0621 | 124 | 10-177 | 0.1 | 24 | |
| Acrolein | 0.250 | 0.0000 | 0.404 | 162 | 0.384 | 154 | 0-179 | 5.0 | 39 | |
| 1,1-Dichloroethene | 0.0500 | 0.0000 | 0.0579 | 116 | 0.0581 | 116 | 10-162 | 0.5 | 23 | |
| 1,1,2-Trichloro-1,2,2-Acetone | 0.0500 | 0.0000 | 0.0702 | 140 | 0.0706 | 141 | 14-168 | 0.6 | 24 | |
| Methylene Chloride | 0.0500 | 0.0000 | 0.0549 | 110 | 0.0554 | 111 | 23-151 | 0.8 | 21 | |
| Acrylonitrile | 0.250 | 0.0000 | 0.315 | 126 | 0.316 | 126 | 37-162 | 0.3 | 24 | |
| trans-1,2-Dichloroethene | 0.0500 | 0.0000 | 0.0596 | 119 | 0.0603 | 121 | 11-160 | 1.2 | 23 | |
| Methyl tert-butyl ether | 0.0500 | 0.0000 | 0.0565 | 113 | 0.0568 | 114 | 24-167 | 0.6 | 22 | |
| 1,1-Dichloroethane | 0.0500 | 0.0000 | 0.0587 | 117 | 0.0587 | 117 | 30-159 | 0.1 | 21 | |
| Di-isopropyl ether | 0.0500 | 0.0000 | 0.0602 | 120 | 0.0601 | 120 | 39-160 | 0.2 | 21 | |
| 2,2-Dichloropropane | 0.0500 | 0.0000 | 0.0715 | 143 | 0.0713 | 143 | 14-158 | 0.4 | 23 | |
| cis-1,2-Dichloroethene | 0.0500 | 0.0000 | 0.0643 | 129 | 0.0642 | 128 | 29-156 | 0.1 | 22 | |
| 2-Butanone (MEK) | 0.250 | 0.0000 | 0.292 | 117 | 0.296 | 118 | 32-151 | 1.3 | 26 | |
| Chloroform | 0.0500 | 0.0000 | 0.0568 | 114 | 0.0567 | 113 | 37-147 | 0.2 | 21 | |
| 1,1,1-Trichloroethane | 0.0500 | 0.0000 | 0.0585 | 117 | 0.0594 | 119 | 31-161 | 1.5 | 23 | |
| Carbon tetrachloride | 0.0500 | 0.0000 | 0.0557 | 111 | 0.0550 | 110 | 22-168 | 1.3 | 24 | |
| 1,1-Dichloropropene | 0.0500 | 0.0000 | 0.0598 | 120 | 0.0609 | 122 | 14-162 | 1.8 | 23 | |
| Benzene | 0.0500 | 0.0000 | 0.0598 | 120 | 0.0602 | 120 | 16-158 | 0.6 | 21 | |
| 1,2-Dichloroethane | 0.0500 | 0.0000 | 0.0545 | 109 | 0.0543 | 109 | 29-167 | 0.3 | 21 | |
| Trichloroethene | 0.0500 | 0.0000 | 0.0595 | 119 | 0.0604 | 121 | 18-163 | 1.5 | 21 | |
| 1,2-Dichloropropane | 0.0500 | 0.0000 | 0.0613 | 123 | 0.0606 | 121 | 39-148 | 1.2 | 20 | |
| Dibromomethane | 0.0500 | 0.0000 | 0.0548 | 110 | 0.0544 | 109 | 36-152 | 0.6 | 20 | |
| Bromodichloromethane | 0.0500 | 0.0000 | 0.0580 | 116 | 0.0576 | 115 | 45-147 | 0.8 | 20 | |
| 2-Chloroethyl vinyl ether | 0.250 | 0.0000 | 0.0970 | 38.8 | 0.0167 | 6.7 | 0-175 | 141 | 75 | J3 |
| cis-1,3-Dichloropropene | 0.0500 | 0.0000 | 0.0589 | 118 | 0.0579 | 116 | 35-148 | 1.7 | 21 | |
| 4-Methyl-2-pentanone | 0.250 | 0.0000 | 0.285 | 114 | 0.278 | 111 | 40-160 | 2.6 | 28 | |
| Toluene | 0.0500 | 0.0003 | 0.0553 | 110 | 0.0557 | 111 | 22-152 | 0.6 | 22 | |
| trans-1,3-Dichloropropene | 0.0500 | 0.0005 | 0.0494 | 98.0 | 0.0491 | 97.3 | 33-153 | 0.7 | 22 | |
| 1,1,2-Trichloroethane | 0.0500 | 0.0000 | 0.0481 | 96.1 | 0.0517 | 103 | 46-145 | 7.3 | 20 | |
| Tetrachloroethene | 0.0500 | 0.0000 | 0.0527 | 105 | 0.0548 | 110 | 13-157 | 3.9 | 24 | |
| 1,3-Dichloropropane | 0.0500 | 0.0000 | 0.0513 | 103 | 0.0531 | 106 | 44-142 | 3.5 | 20 | |



Environmental Science Corporation

Quality Control Summary Ninyo and Moore - Las Vegas

Test: Volatile Organic Compounds by Method 8260B

L373794

Matrix: Water - mg/L

Project: 302556002 3761 N. Stephanie St

Project No: 302556002

Login No: L373794

Sample Number: L373794-01, -02

Analysis Date: 11/8/2008

EPA ID: TN00003

Instrument ID: VOCMS20

Analytic Batch: WG392914

Matrix Spike/Matrix Spike Duplicate

L373782-06

| Analyte | Spike Value | Sample | MS | % Rec | MSD | % Rec | Control Limits | Qualifier RPD | % Control Limits | Control Qualifier |
|-----------------------------|-------------|--------|--------|-------|--------|-------|----------------|---------------|------------------|-------------------|
| Chlorodibromomethane | 0.0500 | 0.0000 | 0.0511 | 102 | 0.0532 | 106 | 48-151 | 4.0 | 21 | |
| 1,2-Dibromoethane | 0.0500 | 0.0000 | 0.0523 | 105 | 0.0548 | 110 | 41-149 | 4.6 | 21 | |
| Chlorobenzene | 0.0500 | 0.0000 | 0.0533 | 107 | 0.0559 | 112 | 33-148 | 4.7 | 22 | |
| 1,1,1,2-Tetrachloroethane | 0.0500 | 0.0000 | 0.0520 | 104 | 0.0542 | 108 | 45-152 | 4.2 | 21 | |
| Ethylbenzene | 0.0500 | 0.0000 | 0.0540 | 108 | 0.0577 | 115 | 29-150 | 6.6 | 24 | |
| m&p-Xylene | 0.100 | 0.0000 | 0.106 | 106 | 0.111 | 111 | 24-151 | 4.1 | 23 | |
| o-Xylene | 0.0500 | 0.0000 | 0.0554 | 111 | 0.0576 | 115 | 32-151 | 4.0 | 23 | |
| Styrene | 0.0500 | 0.0000 | 0.0576 | 115 | 0.0595 | 119 | 38-149 | 3.2 | 23 | |
| Bromoform | 0.0500 | 0.0000 | 0.0538 | 108 | 0.0558 | 112 | 38-152 | 3.6 | 20 | |
| Isopropylbenzene | 0.0500 | 0.0000 | 0.0525 | 105 | 0.0556 | 111 | 35-147 | 5.7 | 25 | |
| Bromobenzene | 0.0500 | 0.0000 | 0.0489 | 97.8 | 0.0517 | 103 | 37-147 | 5.6 | 23 | |
| 1,1,2,2-Tetrachloroethane | 0.0500 | 0.0000 | 0.0514 | 103 | 0.0543 | 109 | 49-149 | 5.5 | 22 | |
| 1,2,3-Trichloropropane | 0.0500 | 0.0000 | 0.0465 | 93.0 | 0.0497 | 99.4 | 48-148 | 6.6 | 23 | |
| n-Propylbenzene | 0.0500 | 0.0000 | 0.0518 | 104 | 0.0548 | 110 | 26-150 | 5.8 | 25 | |
| 2-Chlorotoluene | 0.0500 | 0.0000 | 0.0516 | 103 | 0.0547 | 109 | 35-147 | 6.0 | 24 | |
| 4-Chlorotoluene | 0.0500 | 0.0000 | 0.0514 | 103 | 0.0534 | 107 | 33-147 | 3.8 | 25 | |
| 1,3,5-Trimethylbenzene | 0.0500 | 0.0000 | 0.0522 | 104 | 0.0552 | 110 | 33-149 | 5.7 | 26 | |
| tert-Butylbenzene | 0.0500 | 0.0000 | 0.0536 | 107 | 0.0564 | 113 | 36-149 | 5.1 | 26 | |
| 1,2,4-Trimethylbenzene | 0.0500 | 0.0000 | 0.0505 | 101 | 0.0542 | 108 | 29-153 | 7.2 | 27 | |
| sec-Butylbenzene | 0.0500 | 0.0000 | 0.0521 | 104 | 0.0551 | 110 | 32-149 | 5.7 | 26 | |
| 1,3-Dichlorobenzene | 0.0500 | 0.0000 | 0.0529 | 106 | 0.0553 | 111 | 32-148 | 4.4 | 24 | |
| p-Isopropyltoluene | 0.0500 | 0.0000 | 0.0539 | 108 | 0.0572 | 114 | 28-151 | 5.8 | 27 | |
| 1,4-Dichlorobenzene | 0.0500 | 0.0000 | 0.0504 | 101 | 0.0510 | 102 | 32-136 | 1.1 | 23 | |
| 1,2,3-Trimethylbenzene | 0.0500 | 0.0000 | 0.0498 | 99.6 | 0.0502 | 100 | 36-141 | 0.7 | 25 | |
| 1,2-Dichlorobenzene | 0.0500 | 0.0000 | 0.0510 | 102 | 0.0517 | 103 | 40-139 | 1.2 | 23 | |
| n-Butylbenzene | 0.0500 | 0.0000 | 0.0511 | 102 | 0.0514 | 103 | 22-151 | 0.7 | 29 | |
| 1,2-Dibromo-3-Chloropropane | 0.0500 | 0.0000 | 0.0503 | 101 | 0.0499 | 99.7 | 37-148 | 0.8 | 27 | |
| 1,2,4-Trichlorobenzene | 0.0500 | 0.0000 | 0.0533 | 107 | 0.0528 | 106 | 27-142 | 1.1 | 30 | |
| Hexachloro-1,3-butadiene | 0.0500 | 0.0000 | 0.0532 | 106 | 0.0532 | 106 | 28-144 | 0.0 | 33 | |
| Naphthalene | 0.0500 | 0.0000 | 0.0500 | 100 | 0.0518 | 104 | 24-160 | 3.4 | 37 | |
| 1,2,3-Trichlorobenzene | 0.0500 | 0.0000 | 0.0508 | 102 | 0.0524 | 105 | 32-143 | 3.0 | 33 | |



Environmental Science Corporation

Quality Control Summary Ninyo and Moore - Las Vegas

Test: Volatile Organic Compounds by Method 8260B

L373794

Matrix: Water - mg/L

Project: 302556002 3761 N. Stephanie St

Project No: 302556002

Login No: L373794

Sample Number: L373794-01, -02

Analysis Date: 11/8/2008

EPA ID: TN00003

Instrument ID: VOCMS20

Analytic Batch: WG392914

Laboratory Control Sample/ Laboratory Control Sample Duplicate

| Analyte | Spike | LCS | % Rec | LCSD | % Rec | Control Limits | Qualifier RPD | % Control Limits | Control Qualifier |
|-------------------------------|--------|--------|-------|--------|-------|----------------|---------------|------------------|-------------------|
| Dichlorodifluoromethane | 0.0500 | 0.0564 | 113 | 0.0533 | 107 | 39-189 | 5.7 | 24 | |
| Chloromethane | 0.0500 | 0.0576 | 115 | 0.0547 | 109 | 45-152 | 5.2 | 20 | |
| Vinyl chloride | 0.0500 | 0.0614 | 123 | 0.0581 | 116 | 55-153 | 5.6 | 20 | |
| Bromomethane | 0.0500 | 0.0605 | 121 | 0.0585 | 117 | 45-175 | 3.3 | 20 | |
| Chloroethane | 0.0500 | 0.0578 | 116 | 0.0562 | 112 | 49-155 | 2.8 | 20 | |
| Trichlorofluoromethane | 0.0500 | 0.0559 | 112 | 0.0546 | 109 | 54-156 | 2.4 | 20 | |
| Acrolein | 0.250 | 0.466 | 186 | 0.486 | 194 | 6-182 J4 | 4.2 | 39 | |
| 1,1-Dichloroethene | 0.0500 | 0.0544 | 109 | 0.0536 | 107 | 60-130 | 1.5 | 20 | |
| 1,1,2-Trichloro-1,2,2-Acetone | 0.0500 | 0.0651 | 130 | 0.0636 | 127 | 51-149 | 2.3 | 20 | |
| Acetone | 0.250 | 0.237 | 94.8 | 0.235 | 94.2 | 48-134 | 0.7 | 20 | |
| Methylene Chloride | 0.0500 | 0.0560 | 112 | 0.0538 | 108 | 64-125 | 4.0 | 20 | |
| Acrylonitrile | 0.250 | 0.304 | 122 | 0.303 | 121 | 60-140 | 0.4 | 20 | |
| trans-1,2-Dichloroethene | 0.0500 | 0.0581 | 116 | 0.0575 | 115 | 67-129 | 1.0 | 20 | |
| Methyl tert-butyl ether | 0.0500 | 0.0577 | 115 | 0.0570 | 114 | 51-142 | 1.3 | 20 | |
| 1,1-Dichloroethane | 0.0500 | 0.0570 | 114 | 0.0569 | 114 | 67-133 | 0.2 | 20 | |
| Di-isopropyl ether | 0.0500 | 0.0606 | 121 | 0.0611 | 122 | 63-139 | 0.9 | 20 | |
| 2,2-Dichloropropane | 0.0500 | 0.0644 | 129 | 0.0646 | 129 | 46-151 | 0.3 | 20 | |
| cis-1,2-Dichloroethene | 0.0500 | 0.0625 | 125 | 0.0619 | 124 | 72-128 | 0.9 | 20 | |
| 2-Butanone (MEK) | 0.250 | 0.276 | 111 | 0.278 | 111 | 53-132 | 0.4 | 20 | |
| Chloroform | 0.0500 | 0.0564 | 113 | 0.0555 | 111 | 66-126 | 1.6 | 20 | |
| 1,1,1-Trichloroethane | 0.0500 | 0.0562 | 112 | 0.0552 | 110 | 67-137 | 1.9 | 20 | |
| Carbon tetrachloride | 0.0500 | 0.0520 | 104 | 0.0509 | 102 | 64-141 | 2.2 | 20 | |
| 1,1-Dichloropropene | 0.0500 | 0.0575 | 115 | 0.0567 | 113 | 68-132 | 1.3 | 20 | |
| Benzene | 0.0500 | 0.0580 | 116 | 0.0584 | 117 | 67-126 | 0.7 | 20 | |
| 1,2-Dichloroethane | 0.0500 | 0.0549 | 110 | 0.0548 | 110 | 63-137 | 0.3 | 20 | |
| Trichloroethene | 0.0500 | 0.0587 | 117 | 0.0595 | 119 | 74-126 | 1.3 | 20 | |
| 1,2-Dichloropropane | 0.0500 | 0.0590 | 118 | 0.0586 | 117 | 74-122 | 0.6 | 20 | |
| Dibromomethane | 0.0500 | 0.0541 | 108 | 0.0545 | 109 | 73-125 | 0.8 | 20 | |
| Bromodichloromethane | 0.0500 | 0.0570 | 114 | 0.0576 | 115 | 68-133 | 1.2 | 20 | |
| 2-Chloroethyl vinyl ether | 0.250 | 0.209 | 83.6 | 0.220 | 88.1 | 0-171 | 5.2 | 27 | |
| cis-1,3-Dichloropropene | 0.0500 | 0.0556 | 111 | 0.0577 | 115 | 73-131 | 3.7 | 20 | |
| 4-Methyl-2-pentanone | 0.250 | 0.262 | 105 | 0.272 | 109 | 60-142 | 4.0 | 20 | |
| Toluene | 0.0500 | 0.0524 | 105 | 0.0546 | 109 | 72-122 | 4.1 | 20 | |
| trans-1,3-Dichloropropene | 0.0500 | 0.0469 | 93.9 | 0.0487 | 97.4 | 66-137 | 3.7 | 20 | |
| 1,1,2-Trichloroethane | 0.0500 | 0.0508 | 102 | 0.0502 | 100 | 79-123 | 1.2 | 20 | |



Environmental Science Corporation

Quality Control Summary

Ninyo and Moore - Las Vegas

Test: Volatile Organic Compounds by Method 8260B

L373794

Matrix: Water - mg/L

Project: 302556002 3761 N. Stephanie St

Project No: 302556002

Login No: L373794

Sample Number: L373794-01, -02

Analysis Date: 11/8/2008

EPA ID: TN00003

Instrument ID: VOCMS20

Analytic Batch: WG392914

Laboratory Control Sample/ Laboratory Control Sample Duplicate

| Analyte | Spike | LCS | % Rec | LCSD | % Rec | Control Limits | Qualifier RPD | % Control Limits | Control Qualifier |
|-----------------------------|--------|--------|-------|--------|-------|----------------|---------------|------------------|-------------------|
| Tetrachloroethene | 0.0500 | 0.0518 | 104 | 0.0503 | 101 | 67-135 | 2.9 | 20 | |
| 1,3-Dichloropropane | 0.0500 | 0.0540 | 108 | 0.0545 | 109 | 77-119 | 0.9 | 20 | |
| Chlorodibromomethane | 0.0500 | 0.0543 | 109 | 0.0539 | 108 | 73-138 | 0.7 | 20 | |
| 1,2-Dibromoethane | 0.0500 | 0.0547 | 109 | 0.0534 | 107 | 75-126 | 2.3 | 20 | |
| Chlorobenzene | 0.0500 | 0.0548 | 110 | 0.0540 | 108 | 77-125 | 1.4 | 20 | |
| 1,1,1,2-Tetrachloroethane | 0.0500 | 0.0556 | 111 | 0.0531 | 106 | 75-134 | 4.6 | 20 | |
| Ethylbenzene | 0.0500 | 0.0557 | 111 | 0.0547 | 109 | 76-129 | 1.9 | 20 | |
| m&p-Xylene | 0.100 | 0.106 | 106 | 0.104 | 104 | 74-128 | 1.5 | 20 | |
| o-Xylene | 0.0500 | 0.0560 | 112 | 0.0549 | 110 | 78-128 | 1.9 | 20 | |
| Styrene | 0.0500 | 0.0581 | 116 | 0.0577 | 115 | 78-130 | 0.7 | 20 | |
| Bromoform | 0.0500 | 0.0568 | 114 | 0.0545 | 109 | 60-139 | 4.1 | 20 | |
| Isopropylbenzene | 0.0500 | 0.0526 | 105 | 0.0514 | 103 | 73-132 | 2.3 | 20 | |
| Bromobenzene | 0.0500 | 0.0518 | 104 | 0.0500 | 100 | 76-123 | 3.6 | 20 | |
| 1,1,2,2-Tetrachloroethane | 0.0500 | 0.0504 | 101 | 0.0501 | 100 | 72-128 | 0.7 | 20 | |
| 1,2,3-Trichloropropane | 0.0500 | 0.0495 | 99.0 | 0.0484 | 96.7 | 68-130 | 2.3 | 20 | |
| n-Propylbenzene | 0.0500 | 0.0510 | 102 | 0.0503 | 101 | 71-132 | 1.5 | 20 | |
| 2-Chlorotoluene | 0.0500 | 0.0527 | 105 | 0.0517 | 103 | 74-128 | 2.0 | 20 | |
| 4-Chlorotoluene | 0.0500 | 0.0519 | 104 | 0.0507 | 101 | 74-130 | 2.3 | 20 | |
| 1,3,5-Trimethylbenzene | 0.0500 | 0.0532 | 106 | 0.0516 | 103 | 73-134 | 3.0 | 20 | |
| tert-Butylbenzene | 0.0500 | 0.0527 | 105 | 0.0517 | 103 | 72-134 | 2.0 | 20 | |
| 1,2,4-Trimethylbenzene | 0.0500 | 0.0526 | 105 | 0.0507 | 101 | 72-135 | 3.6 | 20 | |
| sec-Butylbenzene | 0.0500 | 0.0525 | 105 | 0.0502 | 100 | 70-135 | 4.5 | 20 | |
| 1,3-Dichlorobenzene | 0.0500 | 0.0532 | 106 | 0.0518 | 104 | 73-131 | 2.7 | 20 | |
| p-Isopropyltoluene | 0.0500 | 0.0537 | 107 | 0.0521 | 104 | 68-138 | 3.1 | 20 | |
| 1,4-Dichlorobenzene | 0.0500 | 0.0480 | 96.1 | 0.0484 | 96.7 | 70-121 | 0.6 | 20 | |
| 1,2,3-Trimethylbenzene | 0.0500 | 0.0489 | 97.8 | 0.0492 | 98.4 | 70-127 | 0.5 | 20 | |
| 1,2-Dichlorobenzene | 0.0500 | 0.0500 | 99.9 | 0.0504 | 101 | 75-122 | 0.9 | 20 | |
| n-Butylbenzene | 0.0500 | 0.0457 | 91.5 | 0.0468 | 93.7 | 63-142 | 2.4 | 20 | |
| 1,2-Dibromo-3-Chloropropane | 0.0500 | 0.0483 | 96.5 | 0.0481 | 96.3 | 55-134 | 0.3 | 20 | |
| 1,2,4-Trichlorobenzene | 0.0500 | 0.0480 | 96.1 | 0.0478 | 95.6 | 65-137 | 0.5 | 20 | |
| Hexachloro-1,3-butadiene | 0.0500 | 0.0496 | 99.1 | 0.0491 | 98.3 | 67-135 | 0.9 | 20 | |
| Naphthalene | 0.0500 | 0.0485 | 97.0 | 0.0494 | 98.8 | 56-145 | 1.8 | 20 | |
| 1,2,3-Trichlorobenzene | 0.0500 | 0.0482 | 96.4 | 0.0492 | 98.4 | 63-138 | 2.1 | 20 | |



Environmental Science Corporation

Quality Control Summary Ninyo and Moore - Las Vegas

Test: Volatile Organic Compounds by Method 8260B

L373794

Matrix: Water - mg/L

Project: 302556002 3761 N. Stephanie St

Project No: 302556002

Login No: L373794

Sample Number: L373794-01

Analysis Date: 11/10/2008

EPA ID: TN00003

Instrument ID: VOCGCMS5

Analytic Batch: WG392986

Laboratory Control Sample/ Laboratory Control Sample Duplicate

| Analyte | Spike | LCS | % Rec | LCSD | % Rec | Control Limits | Qualifier RPD | % Control Limits | Control Qualifier |
|-------------------|--------|--------|-------|--------|-------|----------------|---------------|------------------|-------------------|
| Tetrachloroethene | 0.0500 | 0.0523 | 105 | 0.0505 | 101 | 67-135 | 3.5 | 20 | |

Matrix Spike/Matrix Spike Duplicate

L373779-27

| Analyte | Spike Value | Sample | MS | % Rec | MSD | % Rec | Control Limits | Qualifier RPD | % Control Limits | Control Qualifier |
|-------------------|-------------|--------|--------|-------|--------|-------|----------------|---------------|------------------|-------------------|
| Tetrachloroethene | 0.0500 | 0.0000 | 0.0363 | 72.7 | 0.0357 | 71.5 | 13-157 | 1.7 | 24 | |



Environmental Science Corporation

Quality Control Summary Ninyo and Moore - Las Vegas

Test: Volatile Organic Compounds by Method 8260B

L373794

Matrix: Water - mg/L

Project: 302556002 3761 N. Stephanie St

Project No: 302556002

Login No: L373794

Sample Date: 11/6/2008

Analysis Date: 11/8/2008

Instrument ID: VOCMS20

Analyst: 126

Analytic Batch: WG392914

EPA ID: TN00003

Internal Standard Response and Retention Time Summary

FileID: 1108_02.D

Date: 11/8/2008

Time: 3:56 PM

| | IS1 | | IS2 | | IS3 | | IS4 | |
|-------------|----------|------|----------|------|----------|------|----------|-------|
| | Response | RT | Response | RT | Response | RT | Response | RT |
| 12 Hour Std | 401354 | 5.95 | 623220 | 6.43 | 84751 | 8.68 | 379450 | 12.16 |
| Upper Limit | 802708 | 6.45 | 1246440 | 6.93 | 169502 | 9.18 | 758900 | 12.66 |
| Lower Limit | 200677 | 5.45 | 311610 | 5.93 | 42375.5 | 8.18 | 189725 | 11.66 |

| Sample ID | Response | RT | Response | RT | Response | RT | Response | RT |
|----------------|----------|------|----------|------|----------|------|----------|-------|
| Blank WG392914 | 374708 | 5.96 | 591435 | 6.43 | 78075 | 8.68 | 364709 | 12.16 |
| L373794-01 | 344694 | 5.96 | 542758 | 6.43 | 72786 | 8.68 | 345321 | 12.16 |
| L373794-02 | 340600 | 5.96 | 541253 | 6.43 | 73047 | 8.69 | 338772 | 12.16 |
| LCS WG392914 | 398190 | 5.96 | 629677 | 6.43 | 83887 | 8.68 | 394061 | 12.16 |
| LCSD WG392914 | 401072 | 5.96 | 624351 | 6.43 | 87059 | 8.69 | 390723 | 12.16 |
| MS WG392914 | 397023 | 5.96 | 617147 | 6.43 | 88156 | 8.68 | 386631 | 12.16 |
| MSD WG392914 | 386953 | 5.96 | 605100 | 6.43 | 82307 | 8.68 | 377401 | 12.16 |



Environmental Science Corporation

Quality Control Summary

Ninyo and Moore - Las Vegas

Test: Volatile Organic Compounds by Method 8260B

L373794

Matrix: Water - mg/L

Project: 302556002 3761 N. Stephanie St

Project No: 302556002

Login No: L373794

Sample Date: 11/6/2008

Analysis Date: 11/10/2008

Instrument ID: VOCGCMS5

Analyst: 366

Analytic Batch: WG392986

EPA ID: TN00003

Internal Standard Response and Retention Time Summary

FileID: 1109_31.D

Date: 11/9/2008

Time: 9:05 PM

| | IS1 | | IS2 | | IS3 | | IS4 | |
|-------------|----------|------|----------|------|----------|------|----------|-------|
| | Response | RT | Response | RT | Response | RT | Response | RT |
| 12 Hour Std | 369527 | 5.38 | 582616 | 5.84 | 284762 | 7.52 | 166985 | 10.99 |
| Upper Limit | 739054 | 5.88 | 1165232 | 6.34 | 569524 | 8.02 | 333970 | 11.49 |
| Lower Limit | 184763.5 | 4.88 | 291308 | 5.34 | 142381 | 7.02 | 83492.5 | 10.49 |

| Sample ID | Response | RT | Response | RT | Response | RT | Response | RT |
|----------------|----------|------|----------|------|----------|------|----------|-------|
| Blank WG392986 | 319274 | 5.37 | 486966 | 5.83 | 243391 | 7.52 | 149602 | 10.99 |
| L373794-01 | 325377 | 5.37 | 500515 | 5.83 | 250597 | 7.53 | 151871 | 11 |
| LCS WG392986 | 358122 | 5.38 | 552830 | 5.84 | 265007 | 7.52 | 160222 | 10.99 |
| LCSD WG392986 | 367006 | 5.37 | 581598 | 5.83 | 280828 | 7.53 | 166993 | 11 |
| MS WG392986 | 367116 | 5.37 | 578459 | 5.84 | 270936 | 7.53 | 171175 | 11 |
| MSD WG392986 | 336199 | 5.37 | 530723 | 5.84 | 258370 | 7.52 | 153805 | 11 |



**ENVIRONMENTAL
SCIENCE CORP.**

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Tax I.D. 62-0814289

Est. 1970

Ninyo and Moore - Las Vegas
Mark Gray
6700 Paradise Rd., Suite E
Las Vegas, NV 89119

Quality Assurance Report
Level II
L373794

January 12, 2009

| Analyte | Result | Laboratory Units | Blank % Rec | Limit | Batch | Date Analyzed |
|---------------------------------------|--------|------------------|-------------|-------|----------|----------------|
| 1,1,1,2-Tetrachloroethane | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| 1,1,1-Trichloroethane | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| 1,1,2,2-Tetrachloroethane | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| 1,1,2-Trichloroethane | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| 1,1-Dichloroethane | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| 1,1-Dichloroethene | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| 1,1-Dichloropropene | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| 1,2,3-Trichlorobenzene | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| 1,2,3-Trichloropropane | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| 1,2,3-Trimethylbenzene | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| 1,2,4-Trichlorobenzene | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| 1,2,4-Trimethylbenzene | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| 1,2-Dibromo-3-Chloropropane | < .005 | mg/l | | | WG392914 | 11/08/08 18:44 |
| 1,2-Dibromoethane | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| 1,2-Dichlorobenzene | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| 1,2-Dichloroethane | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| 1,2-Dichloropropane | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| 1,3,5-Trimethylbenzene | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| 1,3-Dichlorobenzene | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| 1,3-Dichloropropane | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| 1,4-Dichlorobenzene | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| 2,2-Dichloropropane | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| 2-Butanone (MEK) | < .01 | mg/l | | | WG392914 | 11/08/08 18:44 |
| 2-Chloroethyl vinyl ether | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| 2-Chlorotoluene | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| 4-Chlorotoluene | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| 4-Methyl-2-pentanone (MIBK) | < .01 | mg/l | | | WG392914 | 11/08/08 18:44 |
| Acetone | < .05 | mg/l | | | WG392914 | 11/08/08 18:44 |
| Acrolein | < .05 | mg/l | | | WG392914 | 11/08/08 18:44 |
| Acrylonitrile | < .01 | mg/l | | | WG392914 | 11/08/08 18:44 |
| Benzene | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| Bromobenzene | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| Bromodichloromethane | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| Bromoform | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| Bromomethane | < .005 | mg/l | | | WG392914 | 11/08/08 18:44 |
| Carbon tetrachloride | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| Chlorobenzene | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| Chlorodibromomethane | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| Chloroethane | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| Chloroform | < .005 | mg/l | | | WG392914 | 11/08/08 18:44 |
| Chloromethane | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| cis-1,2-Dichloroethene | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| cis-1,3-Dichloropropene | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| Di-isopropyl ether | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| Dibromomethane | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| Dichlorodifluoromethane | < .005 | mg/l | | | WG392914 | 11/08/08 18:44 |
| Ethylbenzene | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| Hexachloro-1,3-butadiene | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| Isopropylbenzene | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| Methyl tert-butyl ether | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| Methylene Chloride | < .005 | mg/l | | | WG392914 | 11/08/08 18:44 |
| n-Butylbenzene | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| n-Propylbenzene | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| Naphthalene | < .005 | mg/l | | | WG392914 | 11/08/08 18:44 |
| p-Isopropyltoluene | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| sec-Butylbenzene | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| Styrene | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |

* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



**ENVIRONMENTAL
SCIENCE CORP.**

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Est. 1970

Ninyo and Moore - Las Vegas
Mark Gray
6700 Paradise Rd., Suite E
Las Vegas, NV 89119

Quality Assurance Report
Level II
L373794

January 12, 2009

| Analyte | Result | Laboratory Blank | | Limit | Batch | Date Analyzed |
|--------------------------------|--------|------------------|-------|--------|----------|----------------|
| | | Units | % Rec | | | |
| tert-Butylbenzene | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| Tetrachloroethene | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| Toluene | < .005 | mg/l | | | WG392914 | 11/08/08 18:44 |
| trans-1,2-Dichloroethene | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| trans-1,3-Dichloropropene | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| Trichloroethene | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| Trichlorofluoromethane | < .005 | mg/l | | | WG392914 | 11/08/08 18:44 |
| Vinyl chloride | < .001 | mg/l | | | WG392914 | 11/08/08 18:44 |
| Xylenes, Total | < .003 | mg/l | | | WG392914 | 11/08/08 18:44 |
| 4-Bromofluorobenzene | | % Rec. | 107.9 | 75-128 | WG392914 | 11/08/08 18:44 |
| Dibromofluoromethane | | % Rec. | 102.0 | 79-125 | WG392914 | 11/08/08 18:44 |
| Toluene-d8 | | % Rec. | 102.4 | 87-114 | WG392914 | 11/08/08 18:44 |
| a,a,a-Trifluorotoluene | | % Rec. | 104.6 | 84-114 | WG392914 | 11/08/08 18:44 |
| Tetrachloroethene | < .001 | mg/l | | | WG392986 | 11/10/08 00:00 |
| 4-Bromofluorobenzene | | % Rec. | 98.20 | 75-128 | WG392986 | 11/10/08 00:00 |
| Dibromofluoromethane | | % Rec. | 94.83 | 79-125 | WG392986 | 11/10/08 00:00 |
| Toluene-d8 | | % Rec. | 97.15 | 87-114 | WG392986 | 11/10/08 00:00 |
| a,a,a-Trifluorotoluene | | % Rec. | 100.4 | 84-114 | WG392986 | 11/10/08 00:00 |
| Corrosivity | 7.20 | | | | WG392860 | 11/10/08 16:13 |
| Reactive Sulf. (SW846 7.3.4.1) | < 25 | mg/l | | | WG393783 | 11/14/08 10:00 |

| Analyte | Units | Duplicate | | | Limit | Ref Samp | Batch |
|--------------------------------|-------|-----------|-----------|------|-------|------------|----------|
| | | Result | Duplicate | RPD | | | |
| Corrosivity | | 7.60 | 7.40 | 2.67 | 20 | L373794-03 | WG392860 |
| Flashpoint | deg F | 0.00 | 0.00 | 0.00 | 20 | L373445-01 | WG393357 |
| Reactive CN (SW846 7.3.3.2) | mg/l | 0.00 | 0.00 | 0.00 | 20 | L373794-03 | WG393785 |
| Reactive Sulf. (SW846 7.3.4.1) | mg/l | 0.00 | 0.00 | 0.00 | 20 | L373794-03 | WG393783 |

| Analyte | Units | Laboratory Control Sample | | % Rec | Limit | Batch |
|---------------------------------------|-------|---------------------------|--------|-------|--------|----------|
| | | Known Val | Result | | | |
| 1,1,1,2-Tetrachloroethane | mg/l | .05 | 0.0556 | 111. | 75-134 | WG392914 |
| 1,1,1-Trichloroethane | mg/l | .05 | 0.0562 | 112. | 67-137 | WG392914 |
| 1,1,2,2-Tetrachloroethane | mg/l | .05 | 0.0504 | 101. | 72-128 | WG392914 |
| 1,1,2-Trichloroethane | mg/l | .05 | 0.0508 | 102. | 79-123 | WG392914 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/l | .05 | 0.0651 | 130. | 51-149 | WG392914 |
| 1,1-Dichloroethane | mg/l | .05 | 0.0570 | 114. | 67-133 | WG392914 |
| 1,1-Dichloroethene | mg/l | .05 | 0.0544 | 109. | 60-130 | WG392914 |
| 1,1-Dichloropropene | mg/l | .05 | 0.0575 | 115. | 68-132 | WG392914 |
| 1,2,3-Trichlorobenzene | mg/l | .05 | 0.0482 | 96.4 | 63-138 | WG392914 |
| 1,2,3-Trichloropropane | mg/l | .05 | 0.0495 | 99.0 | 68-130 | WG392914 |
| 1,2,3-Trimethylbenzene | mg/l | .05 | 0.0489 | 97.8 | 70-127 | WG392914 |
| 1,2,4-Trichlorobenzene | mg/l | .05 | 0.0480 | 96.1 | 65-137 | WG392914 |
| 1,2,4-Trimethylbenzene | mg/l | .05 | 0.0526 | 105. | 72-135 | WG392914 |
| 1,2-Dibromo-3-Chloropropane | mg/l | .05 | 0.0483 | 96.5 | 55-134 | WG392914 |

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**Quality Assurance Report
Level II**

January 12, 2009

L373794

| Analyte | Laboratory Control | | Sample Result | % Rec | Limit | Batch |
|-----------------------------|--------------------|-----------|---------------|-------|--------|----------|
| | Units | Known Val | | | | |
| 1,2-Dibromoethane | mg/l | .05 | 0.0547 | 109. | 75-126 | WG392914 |
| 1,2-Dichlorobenzene | mg/l | .05 | 0.0500 | 99.9 | 75-122 | WG392914 |
| 1,2-Dichloroethane | mg/l | .05 | 0.0549 | 110. | 63-137 | WG392914 |
| 1,2-Dichloropropane | mg/l | .05 | 0.0590 | 118. | 74-122 | WG392914 |
| 1,3,5-Trimethylbenzene | mg/l | .05 | 0.0532 | 106. | 73-134 | WG392914 |
| 1,3-Dichlorobenzene | mg/l | .05 | 0.0532 | 106. | 73-131 | WG392914 |
| 1,3-Dichloropropane | mg/l | .05 | 0.0540 | 108. | 77-119 | WG392914 |
| 1,4-Dichlorobenzene | mg/l | .05 | 0.0480 | 96.1 | 70-121 | WG392914 |
| 2,2-Dichloropropane | mg/l | .05 | 0.0644 | 129. | 46-151 | WG392914 |
| 2-Butanone (MEK) | mg/l | .25 | 0.276 | 111. | 53-132 | WG392914 |
| 2-Chloroethyl vinyl ether | mg/l | .25 | 0.209 | 83.6 | 0-171 | WG392914 |
| 2-Chlorotoluene | mg/l | .05 | 0.0527 | 105. | 74-128 | WG392914 |
| 4-Chlorotoluene | mg/l | .05 | 0.0519 | 104. | 74-130 | WG392914 |
| 4-Methyl-2-pentanone (MIBK) | mg/l | .25 | 0.262 | 105. | 60-142 | WG392914 |
| Acetone | mg/l | .25 | 0.237 | 94.8 | 48-134 | WG392914 |
| Acrolein | mg/l | .25 | 0.466 | 186.* | 6-182 | WG392914 |
| Acrylonitrile | mg/l | .25 | 0.304 | 122. | 60-140 | WG392914 |
| Benzene | mg/l | .05 | 0.0580 | 116. | 67-126 | WG392914 |
| Bromobenzene | mg/l | .05 | 0.0518 | 104. | 76-123 | WG392914 |
| Bromodichloromethane | mg/l | .05 | 0.0570 | 114. | 68-133 | WG392914 |
| Bromoform | mg/l | .05 | 0.0568 | 114. | 60-139 | WG392914 |
| Bromomethane | mg/l | .05 | 0.0605 | 121. | 45-175 | WG392914 |
| Carbon tetrachloride | mg/l | .05 | 0.0520 | 104. | 64-141 | WG392914 |
| Chlorobenzene | mg/l | .05 | 0.0548 | 110. | 77-125 | WG392914 |
| Chlorodibromomethane | mg/l | .05 | 0.0543 | 109. | 73-138 | WG392914 |
| Chloroethane | mg/l | .05 | 0.0578 | 116. | 49-155 | WG392914 |
| Chloroform | mg/l | .05 | 0.0564 | 113. | 66-126 | WG392914 |
| Chloromethane | mg/l | .05 | 0.0576 | 115. | 45-152 | WG392914 |
| cis-1,2-Dichloroethene | mg/l | .05 | 0.0625 | 125. | 72-128 | WG392914 |
| cis-1,3-Dichloropropene | mg/l | .05 | 0.0556 | 111. | 73-131 | WG392914 |
| Di-isopropyl ether | mg/l | .05 | 0.0606 | 121. | 63-139 | WG392914 |
| Dibromomethane | mg/l | .05 | 0.0541 | 108. | 73-125 | WG392914 |
| Dichlorodifluoromethane | mg/l | .05 | 0.0564 | 113. | 39-189 | WG392914 |
| Ethylbenzene | mg/l | .05 | 0.0557 | 111. | 76-129 | WG392914 |
| Hexachloro-1,3-butadiene | mg/l | .05 | 0.0496 | 99.1 | 67-135 | WG392914 |
| Isopropylbenzene | mg/l | .05 | 0.0526 | 105. | 73-132 | WG392914 |
| Methyl tert-butyl ether | mg/l | .05 | 0.0577 | 115. | 51-142 | WG392914 |
| Methylene Chloride | mg/l | .05 | 0.0560 | 112. | 64-125 | WG392914 |
| n-Butylbenzene | mg/l | .05 | 0.0457 | 91.5 | 63-142 | WG392914 |
| n-Propylbenzene | mg/l | .05 | 0.0510 | 102. | 71-132 | WG392914 |
| Naphthalene | mg/l | .05 | 0.0485 | 97.0 | 56-145 | WG392914 |
| p-Isopropyltoluene | mg/l | .05 | 0.0537 | 107. | 68-138 | WG392914 |
| sec-Butylbenzene | mg/l | .05 | 0.0525 | 105. | 70-135 | WG392914 |
| Styrene | mg/l | .05 | 0.0581 | 116. | 78-130 | WG392914 |
| tert-Butylbenzene | mg/l | .05 | 0.0527 | 105. | 72-134 | WG392914 |
| Tetrachloroethene | mg/l | .05 | 0.0518 | 104. | 67-135 | WG392914 |
| Toluene | mg/l | .05 | 0.0524 | 105. | 72-122 | WG392914 |
| trans-1,2-Dichloroethene | mg/l | .05 | 0.0581 | 116. | 67-129 | WG392914 |
| trans-1,3-Dichloropropene | mg/l | .05 | 0.0469 | 93.9 | 66-137 | WG392914 |
| Trichloroethene | mg/l | .05 | 0.0587 | 117. | 74-126 | WG392914 |
| Trichlorofluoromethane | mg/l | .05 | 0.0559 | 112. | 54-156 | WG392914 |
| Vinyl chloride | mg/l | .05 | 0.0614 | 123. | 55-153 | WG392914 |
| Xylenes, Total | mg/l | .15 | 0.162 | 108. | 75-128 | WG392914 |
| 4-Bromofluorobenzene | | | | 104.1 | 75-128 | WG392914 |
| Dibromofluoromethane | | | | 105.5 | 79-125 | WG392914 |
| Toluene-d8 | | | | 100.3 | 87-114 | WG392914 |
| a,a,a-Trifluorotoluene | | | | 101.6 | 84-114 | WG392914 |

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Quality Assurance Report
Level II
L373794

January 12, 2009

| Analyte | Laboratory Control | | Sample Result | % Rec | Limit | Batch |
|-------------------------------|--------------------|-----------|---------------|-------|-----------|----------|
| | Units | Known Val | | | | |
| Tetrachloroethene | mg/l | .05 | 0.0523 | 105. | 67-135 | WG392986 |
| 4-Bromofluorobenzene | | | | 100.6 | 75-128 | WG392986 |
| Dibromofluoromethane | | | | 99.85 | 79-125 | WG392986 |
| Toluene-d8 | | | | 95.88 | 87-114 | WG392986 |
| a,a,a-Trifluorotoluene | | | | 100.5 | 84-114 | WG392986 |
| Corrosivity | | 7.42 | 7.40 | 99.7 | 97.19-102 | WG392860 |
| Flashpoint | deg F | 82 | 81.0 | 98.8 | 96-103 | WG393357 |
| Reactive Sulf.(SW846 7.3.4.1) | mg/l | 100 | 96.0 | 96.0 | 70-130 | WG393783 |

| Analyte | Laboratory Control | | Sample Duplicate | %Rec | Limit | RPD | Limit | Batch |
|---------------------------------------|--------------------|-------------|------------------|--------|-------|-----|----------|-------|
| | Units | Result Ref | | | | | | |
| 1,1,1,2-Tetrachloroethane | mg/l | 0.053 0.055 | 106. | 75-134 | 4.58 | 20 | WG392914 | |
| 1,1,1-Trichloroethane | mg/l | 0.055 0.056 | 110. | 67-137 | 1.89 | 20 | WG392914 | |
| 1,1,2,2-Tetrachloroethane | mg/l | 0.050 0.050 | 100. | 72-128 | 0.673 | 20 | WG392914 | |
| 1,1,2-Trichloroethane | mg/l | 0.050 0.050 | 100. | 79-123 | 1.22 | 20 | WG392914 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/l | 0.063 0.065 | 127. | 51-149 | 2.32 | 20 | WG392914 | |
| 1,1-Dichloroethane | mg/l | 0.056 0.057 | 114. | 67-133 | 0.199 | 20 | WG392914 | |
| 1,1-Dichloroethene | mg/l | 0.053 0.054 | 107. | 60-130 | 1.48 | 20 | WG392914 | |
| 1,1-Dichloropropene | mg/l | 0.056 0.057 | 113. | 68-132 | 1.26 | 20 | WG392914 | |
| 1,2,3-Trichlorobenzene | mg/l | 0.049 0.048 | 98.0 | 63-138 | 2.05 | 20 | WG392914 | |
| 1,2,3-Trichloropropane | mg/l | 0.048 0.049 | 97.0 | 68-130 | 2.28 | 20 | WG392914 | |
| 1,2,3-Trimethylbenzene | mg/l | 0.049 0.048 | 98.0 | 70-127 | 0.521 | 20 | WG392914 | |
| 1,2,4-Trichlorobenzene | mg/l | 0.047 0.048 | 96.0 | 65-137 | 0.519 | 20 | WG392914 | |
| 1,2,4-Trimethylbenzene | mg/l | 0.050 0.052 | 101. | 72-135 | 3.64 | 20 | WG392914 | |
| 1,2-Dibromo-3-Chloropropane | mg/l | 0.048 0.048 | 96.0 | 55-134 | 0.275 | 20 | WG392914 | |
| 1,2-Dibromoethane | mg/l | 0.053 0.054 | 107. | 75-126 | 2.34 | 20 | WG392914 | |
| 1,2-Dichlorobenzene | mg/l | 0.050 0.050 | 101. | 75-122 | 0.930 | 20 | WG392914 | |
| 1,2-Dichloroethane | mg/l | 0.054 0.054 | 110. | 63-137 | 0.262 | 20 | WG392914 | |
| 1,2-Dichloropropane | mg/l | 0.058 0.059 | 117. | 74-122 | 0.594 | 20 | WG392914 | |
| 1,3,5-Trimethylbenzene | mg/l | 0.051 0.053 | 103. | 73-134 | 2.95 | 20 | WG392914 | |
| 1,3-Dichlorobenzene | mg/l | 0.051 0.053 | 104. | 73-131 | 2.66 | 20 | WG392914 | |
| 1,3-Dichloropropane | mg/l | 0.054 0.054 | 109. | 77-119 | 0.946 | 20 | WG392914 | |
| 1,4-Dichlorobenzene | mg/l | 0.048 0.048 | 97.0 | 70-121 | 0.639 | 20 | WG392914 | |
| 2,2-Dichloropropane | mg/l | 0.064 0.064 | 129. | 46-151 | 0.256 | 20 | WG392914 | |
| 2-Butanone (MEK) | mg/l | 0.278 0.276 | 111. | 53-132 | 0.416 | 20 | WG392914 | |
| 2-Chloroethyl vinyl ether | mg/l | 0.220 0.209 | 88.0 | 0-171 | 5.22 | 27 | WG392914 | |
| 2-Chlorotoluene | mg/l | 0.051 0.052 | 103. | 74-128 | 1.95 | 20 | WG392914 | |
| 4-Chlorotoluene | mg/l | 0.050 0.051 | 101. | 74-130 | 2.27 | 20 | WG392914 | |
| 4-Methyl-2-pentanone (MIBK) | mg/l | 0.272 0.262 | 109. | 60-142 | 3.99 | 20 | WG392914 | |
| Acetone | mg/l | 0.235 0.237 | 94.0 | 48-134 | 0.667 | 20 | WG392914 | |
| Acrolein | mg/l | 0.486 0.466 | 194* | 6-182 | 4.20 | 39 | WG392914 | |
| Acrylonitrile | mg/l | 0.303 0.304 | 121. | 60-140 | 0.401 | 20 | WG392914 | |
| Benzene | mg/l | 0.058 0.058 | 117. | 67-126 | 0.667 | 20 | WG392914 | |
| Bromobenzene | mg/l | 0.050 0.051 | 100. | 76-123 | 3.59 | 20 | WG392914 | |
| Bromodichloromethane | mg/l | 0.057 0.057 | 115. | 68-133 | 1.18 | 20 | WG392914 | |
| Bromoform | mg/l | 0.054 0.056 | 109. | 60-139 | 4.14 | 20 | WG392914 | |
| Bromomethane | mg/l | 0.058 0.060 | 117. | 45-175 | 3.31 | 20 | WG392914 | |
| Carbon tetrachloride | mg/l | 0.050 0.052 | 102. | 64-141 | 2.16 | 20 | WG392914 | |
| Chlorobenzene | mg/l | 0.054 0.054 | 108. | 77-125 | 1.40 | 20 | WG392914 | |
| Chlorodibromomethane | mg/l | 0.053 0.054 | 108. | 73-138 | 0.733 | 20 | WG392914 | |

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**Quality Assurance Report
Level II**

L373794

January 12, 2009

| Analyte | Laboratory Control | | Sample Duplicate | | Limit | RPD | Limit | Batch |
|--------------------------------|--------------------|--------|------------------|-------|---------|-------|-------|----------|
| | Units | Result | Ref | %Rec | | | | |
| Chloroethane | mg/l | 0.056 | 0.057 | 112. | 49-155 | 2.81 | 20 | WG392914 |
| Chloroform | mg/l | 0.055 | 0.056 | 111. | 66-126 | 1.55 | 20 | WG392914 |
| Chloromethane | mg/l | 0.054 | 0.057 | 109. | 45-152 | 5.19 | 20 | WG392914 |
| cis-1,2-Dichloroethene | mg/l | 0.061 | 0.062 | 124. | 72-128 | 0.932 | 20 | WG392914 |
| cis-1,3-Dichloropropene | mg/l | 0.057 | 0.055 | 115. | 73-131 | 3.71 | 20 | WG392914 |
| Di-isopropyl ether | mg/l | 0.061 | 0.060 | 122. | 63-139 | 0.855 | 20 | WG392914 |
| Dibromomethane | mg/l | 0.054 | 0.054 | 109. | 73-125 | 0.821 | 20 | WG392914 |
| Dichlorodifluoromethane | mg/l | 0.053 | 0.056 | 107. | 39-189 | 5.66 | 24 | WG392914 |
| Ethylbenzene | mg/l | 0.054 | 0.055 | 109. | 76-129 | 1.86 | 20 | WG392914 |
| Hexachloro-1,3-butadiene | mg/l | 0.049 | 0.049 | 98.0 | 67-135 | 0.858 | 20 | WG392914 |
| Isopropylbenzene | mg/l | 0.051 | 0.052 | 103. | 73-132 | 2.27 | 20 | WG392914 |
| Methyl tert-butyl ether | mg/l | 0.057 | 0.057 | 114. | 51-142 | 1.31 | 20 | WG392914 |
| Methylene Chloride | mg/l | 0.053 | 0.056 | 108. | 64-125 | 3.96 | 20 | WG392914 |
| n-Butylbenzene | mg/l | 0.046 | 0.045 | 94.0 | 63-142 | 2.40 | 20 | WG392914 |
| n-Propylbenzene | mg/l | 0.050 | 0.051 | 101. | 71-132 | 1.47 | 20 | WG392914 |
| Naphthalene | mg/l | 0.049 | 0.048 | 99.0 | 56-145 | 1.83 | 20 | WG392914 |
| p-Isopropyltoluene | mg/l | 0.052 | 0.053 | 104. | 68-138 | 3.14 | 20 | WG392914 |
| sec-Butylbenzene | mg/l | 0.050 | 0.052 | 100. | 70-135 | 4.53 | 20 | WG392914 |
| Styrene | mg/l | 0.057 | 0.058 | 115. | 78-130 | 0.710 | 20 | WG392914 |
| tert-Butylbenzene | mg/l | 0.051 | 0.052 | 103. | 72-134 | 1.98 | 20 | WG392914 |
| Tetrachloroethene | mg/l | 0.050 | 0.051 | 101. | 67-135 | 2.94 | 20 | WG392914 |
| Toluene | mg/l | 0.054 | 0.052 | 109. | 72-122 | 4.08 | 20 | WG392914 |
| trans-1,2-Dichloroethene | mg/l | 0.057 | 0.058 | 115. | 67-129 | 0.997 | 20 | WG392914 |
| trans-1,3-Dichloropropene | mg/l | 0.048 | 0.046 | 97.0 | 66-137 | 3.65 | 20 | WG392914 |
| Trichloroethene | mg/l | 0.059 | 0.058 | 119. | 74-126 | 1.28 | 20 | WG392914 |
| Trichlorofluoromethane | mg/l | 0.054 | 0.055 | 109. | 54-156 | 2.39 | 20 | WG392914 |
| Vinyl chloride | mg/l | 0.058 | 0.061 | 116. | 55-153 | 5.55 | 20 | WG392914 |
| Xylenes, Total | mg/l | 0.159 | 0.162 | 106. | 75-128 | 1.63 | 20 | WG392914 |
| 4-Bromofluorobenzene | | | | 102.5 | 75-128 | | | WG392914 |
| Dibromofluoromethane | | | | 102.6 | 79-125 | | | WG392914 |
| Toluene-d8 | | | | 101.7 | 87-114 | | | WG392914 |
| a,a,a-Trifluorotoluene | | | | 103.9 | 84-114 | | | WG392914 |
| Tetrachloroethene | mg/l | 0.050 | 0.052 | 101. | 67-135 | 3.46 | 20 | WG392986 |
| 4-Bromofluorobenzene | | | | 99.05 | 75-128 | | | WG392986 |
| Dibromofluoromethane | | | | 98.35 | 79-125 | | | WG392986 |
| Toluene-d8 | | | | 91.07 | 87-114 | | | WG392986 |
| a,a,a-Trifluorotoluene | | | | 98.00 | 84-114 | | | WG392986 |
| Corrosivity | | 7.50 | 7.40 | 101. | 97.19-1 | 1.34 | 20 | WG392860 |
| Flashpoint | deg F | 83.0 | 81.0 | 101. | 96-103 | 2.44 | 7 | WG393357 |
| Reactive Sulf. (SW846 7.3.4.1) | mg/l | 96.0 | 96.0 | 96.0 | 70-130 | 0.00 | 20 | WG393783 |

| Analyte | Units | Matrix Spike | | | | Limit | Ref Samp | Batch |
|---------------------------------------|-------|--------------|---------|-----|-------|--------|------------|----------|
| | | MS Res | Ref Res | TV | % Rec | | | |
| 1,1,1,2-Tetrachloroethane | mg/l | 0.052 | 0.00 | .05 | 104. | 45-152 | L373782-06 | WG392914 |
| 1,1,1-Trichloroethane | mg/l | 0.058 | 0.00 | .05 | 117. | 31-161 | L373782-06 | WG392914 |
| 1,1,2,2-Tetrachloroethane | mg/l | 0.051 | 0.00 | .05 | 103. | 49-149 | L373782-06 | WG392914 |
| 1,1,2-Trichloroethane | mg/l | 0.048 | 0.00 | .05 | 96.1 | 46-145 | L373782-06 | WG392914 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/l | 0.070 | 0.00 | .05 | 140. | 14-168 | L373782-06 | WG392914 |
| 1,1-Dichloroethane | mg/l | 0.058 | 0.00 | .05 | 117. | 30-159 | L373782-06 | WG392914 |

* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



**ENVIRONMENTAL
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Est. 1970

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Mark Gray
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**Quality Assurance Report
Level II**

Las Vegas, NV 89119

L373794

January 12, 2009

| Analyte | Units | Matrix Spike | | | % Rec | Limit | Ref Samp | Batch |
|-----------------------------|-------|--------------|---------|-----|-------|--------|------------|----------|
| | | MS Res | Ref Res | TV | | | | |
| 1,1-Dichloroethene | mg/l | 0.057 | 0.00 | .05 | 116. | 10-162 | L373782-06 | WG392914 |
| 1,1-Dichloropropene | mg/l | 0.059 | 0.00 | .05 | 120. | 14-162 | L373782-06 | WG392914 |
| 1,2,3-Trichlorobenzene | mg/l | 0.050 | 0.00 | .05 | 102. | 32-143 | L373782-06 | WG392914 |
| 1,2,3-Trichloropropane | mg/l | 0.046 | 0.00 | .05 | 93.0 | 48-148 | L373782-06 | WG392914 |
| 1,2,3-Trimethylbenzene | mg/l | 0.049 | 0.00 | .05 | 99.6 | 36-141 | L373782-06 | WG392914 |
| 1,2,4-Trichlorobenzene | mg/l | 0.053 | 0.00 | .05 | 107. | 27-142 | L373782-06 | WG392914 |
| 1,2,4-Trimethylbenzene | mg/l | 0.050 | 0.00 | .05 | 101. | 29-153 | L373782-06 | WG392914 |
| 1,2-Dibromo-3-Chloropropane | mg/l | 0.050 | 0.00 | .05 | 101. | 37-148 | L373782-06 | WG392914 |
| 1,2-Dibromoethane | mg/l | 0.052 | 0.00 | .05 | 105. | 41-149 | L373782-06 | WG392914 |
| 1,2-Dichlorobenzene | mg/l | 0.051 | 0.00 | .05 | 102. | 40-139 | L373782-06 | WG392914 |
| 1,2-Dichloroethane | mg/l | 0.054 | 0.00 | .05 | 109. | 29-167 | L373782-06 | WG392914 |
| 1,2-Dichloropropane | mg/l | 0.061 | 0.00 | .05 | 123. | 39-148 | L373782-06 | WG392914 |
| 1,3,5-Trimethylbenzene | mg/l | 0.052 | 0.00 | .05 | 104. | 33-149 | L373782-06 | WG392914 |
| 1,3-Dichlorobenzene | mg/l | 0.052 | 0.00 | .05 | 106. | 32-148 | L373782-06 | WG392914 |
| 1,3-Dichloropropane | mg/l | 0.051 | 0.00 | .05 | 103. | 44-142 | L373782-06 | WG392914 |
| 1,4-Dichlorobenzene | mg/l | 0.050 | 0.00 | .05 | 101. | 32-136 | L373782-06 | WG392914 |
| 2,2-Dichloropropane | mg/l | 0.071 | 0.00 | .05 | 143. | 14-158 | L373782-06 | WG392914 |
| 2-Butanone (MEK) | mg/l | 0.292 | 0.00 | .25 | 117. | 32-151 | L373782-06 | WG392914 |
| 2-Chloroethyl vinyl ether | mg/l | 0.097 | 0.00 | .25 | 38.8 | 0-175 | L373782-06 | WG392914 |
| 2-Chlorotoluene | mg/l | 0.051 | 0.00 | .05 | 103. | 35-147 | L373782-06 | WG392914 |
| 4-Chlorotoluene | mg/l | 0.051 | 0.00 | .05 | 103. | 33-147 | L373782-06 | WG392914 |
| 4-Methyl-2-pentanone (MIBK) | mg/l | 0.285 | 0.00 | .25 | 114. | 40-160 | L373782-06 | WG392914 |
| Acetone | mg/l | 0.240 | 0.003 | .25 | 94.7 | 25-157 | L373782-06 | WG392914 |
| Acrolein | mg/l | 0.404 | 0.00 | .25 | 162. | 0-179 | L373782-06 | WG392914 |
| Acrylonitrile | mg/l | 0.315 | 0.00 | .25 | 126. | 37-162 | L373782-06 | WG392914 |
| Benzene | mg/l | 0.059 | 0.00 | .05 | 120. | 16-158 | L373782-06 | WG392914 |
| Bromobenzene | mg/l | 0.048 | 0.00 | .05 | 97.8 | 37-147 | L373782-06 | WG392914 |
| Bromodichloromethane | mg/l | 0.058 | 0.00 | .05 | 116. | 45-147 | L373782-06 | WG392914 |
| Bromoform | mg/l | 0.053 | 0.00 | .05 | 108. | 38-152 | L373782-06 | WG392914 |
| Bromomethane | mg/l | 0.061 | 0.00 | .05 | 123. | 0-191 | L373782-06 | WG392914 |
| Carbon tetrachloride | mg/l | 0.055 | 0.00 | .05 | 111. | 22-168 | L373782-06 | WG392914 |
| Chlorobenzene | mg/l | 0.053 | 0.00 | .05 | 107. | 33-148 | L373782-06 | WG392914 |
| Chlorodibromomethane | mg/l | 0.051 | 0.00 | .05 | 102. | 48-151 | L373782-06 | WG392914 |
| Chloroethane | mg/l | 0.061 | 0.00 | .05 | 122. | 4-176 | L373782-06 | WG392914 |
| Chloroform | mg/l | 0.056 | 0.00 | .05 | 114. | 37-147 | L373782-06 | WG392914 |
| Chloromethane | mg/l | 0.061 | 0.00 | .05 | 123. | 10-174 | L373782-06 | WG392914 |
| cis-1,2-Dichloroethene | mg/l | 0.064 | 0.00 | .05 | 129. | 29-156 | L373782-06 | WG392914 |
| cis-1,3-Dichloropropene | mg/l | 0.058 | 0.00 | .05 | 118. | 35-148 | L373782-06 | WG392914 |
| Di-isopropyl ether | mg/l | 0.060 | 0.00 | .05 | 120. | 39-160 | L373782-06 | WG392914 |
| Dibromomethane | mg/l | 0.054 | 0.00 | .05 | 110. | 36-152 | L373782-06 | WG392914 |
| Dichlorodifluoromethane | mg/l | 0.060 | 0.00 | .05 | 120. | 0-200 | L373782-06 | WG392914 |
| Ethylbenzene | mg/l | 0.054 | 0.00 | .05 | 108. | 29-150 | L373782-06 | WG392914 |
| Hexachloro-1,3-butadiene | mg/l | 0.053 | 0.00 | .05 | 106. | 28-144 | L373782-06 | WG392914 |
| Isopropylbenzene | mg/l | 0.052 | 0.00 | .05 | 105. | 35-147 | L373782-06 | WG392914 |
| Methyl tert-butyl ether | mg/l | 0.056 | 0.00 | .05 | 113. | 24-167 | L373782-06 | WG392914 |
| Methylene Chloride | mg/l | 0.054 | 0.00 | .05 | 110. | 23-151 | L373782-06 | WG392914 |
| n-Butylbenzene | mg/l | 0.051 | 0.00 | .05 | 102. | 22-151 | L373782-06 | WG392914 |
| n-Propylbenzene | mg/l | 0.051 | 0.00 | .05 | 104. | 26-150 | L373782-06 | WG392914 |
| Napthalene | mg/l | 0.050 | 0.00 | .05 | 100. | 24-160 | L373782-06 | WG392914 |
| p-Isopropyltoluene | mg/l | 0.053 | 0.00 | .05 | 108. | 28-151 | L373782-06 | WG392914 |
| sec-Butylbenzene | mg/l | 0.052 | 0.00 | .05 | 104. | 32-149 | L373782-06 | WG392914 |
| Styrene | mg/l | 0.057 | 0.00 | .05 | 115. | 38-149 | L373782-06 | WG392914 |
| tert-Butylbenzene | mg/l | 0.053 | 0.00 | .05 | 107. | 36-149 | L373782-06 | WG392914 |
| Tetrachloroethene | mg/l | 0.052 | 0.00 | .05 | 105. | 13-157 | L373782-06 | WG392914 |
| Toluene | mg/l | 0.055 | 0.00 | .05 | 111. | 22-152 | L373782-06 | WG392914 |
| trans-1,2-Dichloroethene | mg/l | 0.059 | 0.00 | .05 | 119. | 11-160 | L373782-06 | WG392914 |
| trans-1,3-Dichloropropene | mg/l | 0.049 | 0.000 | .05 | 98.0 | 33-153 | L373782-06 | WG392914 |
| Trichloroethene | mg/l | 0.059 | 0.00 | .05 | 119. | 18-163 | L373782-06 | WG392914 |

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Quality Assurance Report
Level II
L373794

January 12, 2009

| Analyte | Matrix Spike | | | | | Limit | Ref Samp | Batch |
|------------------------|--------------|--------|---------|-----|-------|--------|------------|----------|
| | Units | MS Res | Ref Res | TV | % Rec | | | |
| Trichlorofluoromethane | mg/l | 0.062 | 0.00 | .05 | 124. | 10-177 | L373782-06 | WG392914 |
| Vinyl chloride | mg/l | 0.066 | 0.00 | .05 | 133. | 0-179 | L373782-06 | WG392914 |
| Xylenes, Total | mg/l | 0.162 | 0.00 | .15 | 108. | 27-151 | L373782-06 | WG392914 |
| 4-Bromofluorobenzene | | | | | 99.30 | 75-128 | | WG392914 |
| Dibromofluoromethane | | | | | 104.7 | 79-125 | | WG392914 |
| Toluene-d8 | | | | | 101.9 | 87-114 | | WG392914 |
| a,a,a-Trifluorotoluene | | | | | 103.9 | 84-114 | | WG392914 |
| Tetrachloroethene | mg/l | 0.036 | 0.00 | .05 | 72.7 | 13-157 | L373779-27 | WG392986 |
| 4-Bromofluorobenzene | | | | | 101.2 | 75-128 | | WG392986 |
| Dibromofluoromethane | | | | | 101.4 | 79-125 | | WG392986 |
| Toluene-d8 | | | | | 94.98 | 87-114 | | WG392986 |
| a,a,a-Trifluorotoluene | | | | | 99.28 | 84-114 | | WG392986 |

| Analyte | Matrix Spike Duplicate | | | | | RPD | Limit | Ref Samp | Batch |
|---------------------------------------|------------------------|------|------|------|--------|-------|-------|------------|----------|
| | Units | MSD | Ref | %Rec | Limit | | | | |
| 1,1,1,2-Tetrachloroethane | mg/l | 0.05 | 0.05 | 108. | 45-152 | 4.19 | 21 | L373782-06 | WG392914 |
| 1,1,1-Trichloroethane | mg/l | 0.05 | 0.05 | 119. | 31-161 | 1.45 | 23 | L373782-06 | WG392914 |
| 1,1,1,2-Tetrachloroethane | mg/l | 0.05 | 0.05 | 109. | 49-149 | 5.45 | 22 | L373782-06 | WG392914 |
| 1,1,2-Trichloroethane | mg/l | 0.05 | 0.04 | 103. | 46-145 | 7.26 | 20 | L373782-06 | WG392914 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/l | 0.07 | 0.07 | 141. | 14-168 | 0.57 | 24 | L373782-06 | WG392914 |
| 1,1-Dichloroethane | mg/l | 0.05 | 0.05 | 117. | 30-159 | 0.08 | 21 | L373782-06 | WG392914 |
| 1,1-Dichloroethene | mg/l | 0.05 | 0.05 | 116. | 10-162 | 0.46 | 23 | L373782-06 | WG392914 |
| 1,1-Dichloropropene | mg/l | 0.06 | 0.05 | 122. | 14-162 | 1.85 | 23 | L373782-06 | WG392914 |
| 1,2,3-Trichlorobenzene | mg/l | 0.05 | 0.05 | 105. | 32-143 | 3.03 | 33 | L373782-06 | WG392914 |
| 1,2,3-Trichloropropene | mg/l | 0.04 | 0.04 | 99.4 | 48-148 | 6.65 | 23 | L373782-06 | WG392914 |
| 1,2,3-Trimethylbenzene | mg/l | 0.05 | 0.04 | 100. | 36-141 | 0.71 | 25 | L373782-06 | WG392914 |
| 1,2,4-Trichlorobenzene | mg/l | 0.05 | 0.05 | 106. | 27-142 | 1.07 | 30 | L373782-06 | WG392914 |
| 1,2,4-Trimethylbenzene | mg/l | 0.05 | 0.05 | 108. | 29-153 | 7.21 | 27 | L373782-06 | WG392914 |
| 1,2-Dibromo-3-Chloropropane | mg/l | 0.04 | 0.05 | 99.7 | 37-148 | 0.77 | 27 | L373782-06 | WG392914 |
| 1,2-Dibromoethane | mg/l | 0.05 | 0.05 | 110. | 41-149 | 4.64 | 21 | L373782-06 | WG392914 |
| 1,2-Dichlorobenzene | mg/l | 0.05 | 0.05 | 103. | 40-139 | 1.22 | 23 | L373782-06 | WG392914 |
| 1,2-Dichloroethane | mg/l | 0.05 | 0.05 | 109. | 29-167 | 0.26 | 21 | L373782-06 | WG392914 |
| 1,2-Dichloropropane | mg/l | 0.06 | 0.06 | 121. | 39-148 | 1.16 | 20 | L373782-06 | WG392914 |
| 1,3,5-Trimethylbenzene | mg/l | 0.05 | 0.05 | 110. | 33-149 | 5.74 | 26 | L373782-06 | WG392914 |
| 1,3-Dichlorobenzene | mg/l | 0.05 | 0.05 | 111. | 32-148 | 4.43 | 24 | L373782-06 | WG392914 |
| 1,3-Dichloropropane | mg/l | 0.05 | 0.05 | 106. | 44-142 | 3.53 | 20 | L373782-06 | WG392914 |
| 1,4-Dichlorobenzene | mg/l | 0.05 | 0.05 | 102. | 32-136 | 1.13 | 23 | L373782-06 | WG392914 |
| 2,2-Dichloropropane | mg/l | 0.07 | 0.07 | 143. | 14-158 | 0.36 | 23 | L373782-06 | WG392914 |
| 2-Butanone (MEK) | mg/l | 0.29 | 0.29 | 118. | 32-151 | 1.34 | 26 | L373782-06 | WG392914 |
| 2-Chloroethyl vinyl ether | mg/l | 0.01 | 0.09 | 6.66 | 0-175 | 141.* | 75 | L373782-06 | WG392914 |
| 2-Chlorotoluene | mg/l | 0.05 | 0.05 | 109. | 35-147 | 5.95 | 24 | L373782-06 | WG392914 |
| 4-Chlorotoluene | mg/l | 0.05 | 0.05 | 107. | 33-147 | 3.80 | 25 | L373782-06 | WG392914 |
| 4-Methyl-2-pentanone (MIBK) | mg/l | 0.27 | 0.28 | 111. | 40-160 | 2.56 | 28 | L373782-06 | WG392914 |
| Acetone | mg/l | 0.23 | 0.24 | 91.7 | 25-157 | 3.09 | 26 | L373782-06 | WG392914 |
| Acrolein | mg/l | 0.38 | 0.40 | 154. | 0-179 | 5.01 | 39 | L373782-06 | WG392914 |
| Acrylonitrile | mg/l | 0.31 | 0.31 | 126. | 37-162 | 0.28 | 24 | L373782-06 | WG392914 |
| Benzene | mg/l | 0.06 | 0.05 | 120. | 16-158 | 0.59 | 21 | L373782-06 | WG392914 |
| Bromobenzene | mg/l | 0.05 | 0.04 | 103. | 37-147 | 5.58 | 23 | L373782-06 | WG392914 |
| Bromodichloromethane | mg/l | 0.05 | 0.05 | 115. | 45-147 | 0.81 | 20 | L373782-06 | WG392914 |
| Bromoform | mg/l | 0.05 | 0.05 | 112. | 38-152 | 3.64 | 20 | L373782-06 | WG392914 |
| Bromomethane | mg/l | 0.06 | 0.06 | 126. | 0-191 | 2.31 | 35 | L373782-06 | WG392914 |
| Carbon tetrachloride | mg/l | 0.05 | 0.05 | 110. | 22-168 | 1.32 | 24 | L373782-06 | WG392914 |
| Chlorobenzene | mg/l | 0.05 | 0.05 | 112. | 33-148 | 4.74 | 22 | L373782-06 | WG392914 |
| Chlorodibromomethane | mg/l | 0.05 | 0.05 | 106. | 48-151 | 4.02 | 21 | L373782-06 | WG392914 |
| Chloroethane | mg/l | 0.06 | 0.06 | 126. | 4-176 | 3.57 | 27 | L373782-06 | WG392914 |

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Quality Assurance Report
Level II
L373794

January 12, 2009

| Analyte | Units | Matrix Spike Duplicate | | | RPD | Limit | Ref | Samp | Batch |
|---------------------------|-------|------------------------|------|-------|--------|-------|-----|------------|----------|
| | | MSD | Ref | %Rec | | | | | |
| Chloroform | mg/l | 0.05 | 0.05 | 113. | 37-147 | 0.16 | 21 | L373782-06 | WG392914 |
| Chloromethane | mg/l | 0.06 | 0.06 | 122. | 10-174 | 0.63 | 28 | L373782-06 | WG392914 |
| cis-1,2-Dichloroethene | mg/l | 0.06 | 0.06 | 128. | 29-156 | 0.06 | 22 | L373782-06 | WG392914 |
| cis-1,3-Dichloropropene | mg/l | 0.05 | 0.05 | 116. | 35-148 | 1.67 | 21 | L373782-06 | WG392914 |
| Di-isopropyl ether | mg/l | 0.06 | 0.06 | 120. | 39-160 | 0.18 | 21 | L373782-06 | WG392914 |
| Dibromomethane | mg/l | 0.05 | 0.05 | 109. | 36-152 | 0.64 | 20 | L373782-06 | WG392914 |
| Dichlorodifluoromethane | mg/l | 0.06 | 0.06 | 122. | 0-200 | 1.78 | 26 | L373782-06 | WG392914 |
| Ethylbenzene | mg/l | 0.05 | 0.05 | 115. | 29-150 | 6.59 | 24 | L373782-06 | WG392914 |
| Hexachloro-1,3-butadiene | mg/l | 0.05 | 0.05 | 106. | 28-144 | 0.01 | 33 | L373782-06 | WG392914 |
| Isopropylbenzene | mg/l | 0.05 | 0.05 | 111. | 35-147 | 5.73 | 25 | L373782-06 | WG392914 |
| Methyl tert-butyl ether | mg/l | 0.05 | 0.05 | 114. | 24-167 | 0.57 | 22 | L373782-06 | WG392914 |
| Methylene Chloride | mg/l | 0.05 | 0.05 | 111. | 23-151 | 0.84 | 21 | L373782-06 | WG392914 |
| n-Butylbenzene | mg/l | 0.05 | 0.05 | 103. | 22-151 | 0.69 | 29 | L373782-06 | WG392914 |
| n-Propylbenzene | mg/l | 0.05 | 0.05 | 110. | 26-150 | 5.75 | 25 | L373782-06 | WG392914 |
| Naphthalene | mg/l | 0.05 | 0.05 | 104. | 24-160 | 3.39 | 37 | L373782-06 | WG392914 |
| p-Isopropyltoluene | mg/l | 0.05 | 0.05 | 114. | 28-151 | 5.82 | 27 | L373782-06 | WG392914 |
| sec-Butylbenzene | mg/l | 0.05 | 0.05 | 110. | 32-149 | 5.65 | 26 | L373782-06 | WG392914 |
| Styrene | mg/l | 0.05 | 0.05 | 119. | 38-149 | 3.22 | 23 | L373782-06 | WG392914 |
| tert-Butylbenzene | mg/l | 0.05 | 0.05 | 113. | 36-149 | 5.15 | 26 | L373782-06 | WG392914 |
| Tetrachloroethene | mg/l | 0.05 | 0.05 | 110. | 13-157 | 3.88 | 24 | L373782-06 | WG392914 |
| Toluene | mg/l | 0.05 | 0.05 | 111. | 22-152 | 0.58 | 22 | L373782-06 | WG392914 |
| trans-1,2-Dichloroethene | mg/l | 0.06 | 0.05 | 121. | 11-160 | 1.22 | 23 | L373782-06 | WG392914 |
| trans-1,3-Dichloropropene | mg/l | 0.04 | 0.04 | 97.3 | 33-153 | 0.71 | 22 | L373782-06 | WG392914 |
| Trichloroethene | mg/l | 0.06 | 0.05 | 121. | 18-163 | 1.52 | 21 | L373782-06 | WG392914 |
| Trichlorofluoromethane | mg/l | 0.06 | 0.06 | 124. | 10-177 | 0.10 | 24 | L373782-06 | WG392914 |
| Vinyl chloride | mg/l | 0.06 | 0.06 | 134. | 0-179 | 0.34 | 26 | L373782-06 | WG392914 |
| Xylenes, Total | mg/l | 0.16 | 0.16 | 112. | 27-151 | 4.08 | 23 | L373782-06 | WG392914 |
| 4-Bromofluorobenzene | | | | 103.5 | 75-128 | | | | WG392914 |
| Dibromofluoromethane | | | | 104.2 | 79-125 | | | | WG392914 |
| Toluene-d8 | | | | 100.9 | 87-114 | | | | WG392914 |
| a,a,a-Trifluorotoluene | | | | 102.1 | 84-114 | | | | WG392914 |
| Tetrachloroethene | mg/l | 0.03 | 0.03 | 71.5 | 13-157 | 1.72 | 24 | L373779-27 | WG392986 |
| 4-Bromofluorobenzene | | | | 92.4 | 75-128 | | | | WG392986 |
| Dibromofluoromethane | | | | 100.5 | 79-125 | | | | WG392986 |
| Toluene-d8 | | | | 91.8 | 87-114 | | | | WG392986 |
| a,a,a-Trifluorotoluene | | | | 99.9 | 84-114 | | | | WG392986 |

Batch number /Run number / Sample number cross reference

WG392914: R530489: L373794-01 02
 WG392986: R531145: L373794-01
 WG392860: R531165: L373794-03 04
 WG393357: R533325: L373794-03 04
 WG393785: R534434: L373794-03 04
 WG393783: R534490: L373794-03 04

* * Calculations are performed prior to rounding of reported values .
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Quality Assurance Report
Level II

Las Vegas, NV 89119

L373794

January 12, 2009

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

Ninyo and Moore - Las Vegas
 6700 Paradise Rd., Suite E
 Las Vegas, NV 89119

Report to: **Mark Gray** Email: **mgray@ninyoandmoore.com**

Project Description: **302556002** City/State Collected: **NV**

Phone: (702) 433-0330 Client Project #: **3761 N. Stephanie St.**

FAX: (702) 433-0707 Lab Project #: **NINYOLNV-11/5**

Collected by (print): **MARK GRAY** P.O.#: **302556002**

Collected by (signature): *[Signature]* Site/Facility ID#: **3761 N. Stephanie St.**

Immediately Packed on Ice N Y X Rush? (Lab MUST Be Notified)

Same Day 200%
 Next Day 100%
 Two Day 50%
 Three Day 25%

Alternate billing information:
 Date Results Needed: **11/6/08**

Date: **11/6/08** Time: **14:15**

Email? No X Yes
 FAX? No Yes

Date: **11/6/08** Time: **14:30**

Date: **11/6/08** Time: **15:00**

Date: **11/6/08** Time: **14:15**

Date: **11/6/08** Time: **14:30**

| Sample ID | Comp/Grab | Matrix* | Depth | Date | Time | No. of Cn/Is | Analysis/Container/Preservative | Remarks/Contaminant | Sample # (lab only) |
|------------|-----------|---------|-------|---------|-------|--------------|---------------------------------|---------------------|---------------------|
| WW1-GW-1 | Gb | GW | | 11/6/08 | 14:15 | 4 | V8260 20CIR-NOPres | L26 QC (includes) | 3761 |
| WW7-GW-1 | Gb | GW | | | 14:30 | 2 | V8260 40mlAmb-HCl | | |
| | | GW | | | | 2 | | | |
| | | GW | | | | 2 | | | |
| | | GW | | | | 2 | | | |
| | | GW | | | | 2 | | | |
| Temp blank | OT | GW | | | 15:00 | 1 | | Temp blank | |
| WW1-GW-1 | Gb | GW | | | 14:15 | 2 | | | 07 |
| WW7-GW-1 | Gb | GW | | | 14:30 | 1 | | | 03 |

Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

pH _____ Temp _____

Flow _____ Other _____

Remarks: **WW1-GW-1 includes add. for L26 QC.**

9637 6255 2107

Relinquished by (Signature): *[Signature]* Date: **11/6/08** Time: **15:00**

Relinquished by (Signature): *[Signature]* Date: _____ Time: _____

Relinquished by (Signature): *[Signature]* Date: _____ Time: _____

Samples returned via: UPS FedEx Courier

Received by (Signature): *[Signature]* Date: **11/7/08** Time: **0900**

Received by (Signature): *[Signature]* Date: _____ Time: _____

Received by (Signature): *[Signature]* Date: _____ Time: _____

Chain of Custody Page 1 of 1

C044

Prepared by: **ENVIRONMENTAL SCIENCE CORP.**

12065 Lebanon Road
 Mt. Juliet, TN 37122
 Phone (800) 767-5859
 FAX (615) 758-5859

Account: **01ENV** (lab use only)
 Telephone: **615-758-5859**
 Cooler: **313 P262906**
 Shipper: **EXPRESS**

Condition: **OK** (lab use only)
 COC Seal: **Y**
 pH: **NC**
 ID of 36



ANALYTICAL REPORT

Report Date: November 17, 2008

Mark Gray
Ninyo & Moore
6700 Paradise Road
Suite E
Las Vegas, NV 89119

Phone: 702-433-0330

E-mail: mgray@ninyoandmoore.com

Client Project ID: **Ninyo & Moore 111108**
DCL Workorder: **8316025**
DCL Project Manager: Frank Smith

Analytical Results

| | | |
|--------------------------------------|--------------------------------------|----------------------|
| Sample ID: <u>BTR1-SWP-1M</u> | Media: Wipe | Collected: 11/6/2008 |
| Lab ID: 8316025001 | Sampling Location: 3761 N. Stephanie | Received: 11/11/2008 |

| | | |
|--------------------------------|--|----------------------|
| Method: Illicit Drugs by LC/MS | Sampling Parameter: Area 100 cm ² | Analyzed: 11/13/2008 |
| Analyte | ug/sample | RL (ug/sample) |
| Methamphetamine | <0.10 | 0.10 |

| | | |
|--------------------------------------|--------------------------------------|----------------------|
| Sample ID: <u>BTR1-SWP-4M</u> | Media: Wipe | Collected: 11/6/2008 |
| Lab ID: 8316025002 | Sampling Location: 3761 N. Stephanie | Received: 11/11/2008 |

| | | |
|--------------------------------|--|----------------------|
| Method: Illicit Drugs by LC/MS | Sampling Parameter: Area 100 cm ² | Analyzed: 11/13/2008 |
| Analyte | ug/sample | RL (ug/sample) |
| Methamphetamine | <0.10 | 0.10 |

| | | |
|--------------------------------------|--------------------------------------|----------------------|
| Sample ID: <u>KTN1-SWP-7M</u> | Media: Wipe | Collected: 11/6/2008 |
| Lab ID: 8316025003 | Sampling Location: 3761 N. Stephanie | Received: 11/11/2008 |

| | | |
|--------------------------------|--|----------------------|
| Method: Illicit Drugs by LC/MS | Sampling Parameter: Area 100 cm ² | Analyzed: 11/13/2008 |
| Analyte | ug/sample | RL (ug/sample) |
| Methamphetamine | <0.10 | 0.10 |

| | | |
|---------------------------------------|--------------------------------------|----------------------|
| Sample ID: <u>KTN1-SWP-10M</u> | Media: Wipe | Collected: 11/6/2008 |
| Lab ID: 8316025004 | Sampling Location: 3761 N. Stephanie | Received: 11/11/2008 |

| | | |
|--------------------------------|--|----------------------|
| Method: Illicit Drugs by LC/MS | Sampling Parameter: Area 100 cm ² | Analyzed: 11/13/2008 |
| Analyte | ug/sample | RL (ug/sample) |
| Methamphetamine | 0.45 | 0.10 |

| | | |
|---------------------------------------|--------------------------------------|----------------------|
| Sample ID: <u>KTN1-SWP-13M</u> | Media: Wipe | Collected: 11/6/2008 |
| Lab ID: 8316025005 | Sampling Location: 3761 N. Stephanie | Received: 11/11/2008 |

| | | |
|--------------------------------|--|----------------------|
| Method: Illicit Drugs by LC/MS | Sampling Parameter: Area 100 cm ² | Analyzed: 11/13/2008 |
| Analyte | ug/sample | RL (ug/sample) |
| Methamphetamine | <0.10 | 0.10 |



ANALYTICAL REPORT

Client Project ID: **Ninyo & Moore 111108**

DCL Workorder: **8316025**

DCL Project Manager: Frank Smith

Analytical Results

| | | |
|-------------------------------|--------------------------------------|----------------------|
| Sample ID: BTR1-SWP-3I | Media: Wipe | Collected: 11/6/2008 |
| Lab ID: 8316025006 | Sampling Location: 3761 N. Stephanie | Received: 11/11/2008 |

| | | |
|--------------------|--|----------------------|
| Method: NIOSH 6005 | Sampling Parameter: Area 100 cm ² | Analyzed: 11/15/2008 |
| Analyte | ug/sample | RL (ug/sample) |
| Iodine | <18 | 18 |

| | | |
|-------------------------------|--------------------------------------|----------------------|
| Sample ID: BTR1-SWP-6I | Media: Wipe | Collected: 11/6/2008 |
| Lab ID: 8316025007 | Sampling Location: 3761 N. Stephanie | Received: 11/11/2008 |

| | | |
|--------------------|--|----------------------|
| Method: NIOSH 6005 | Sampling Parameter: Area 100 cm ² | Analyzed: 11/15/2008 |
| Analyte | ug/sample | RL (ug/sample) |
| Iodine | <18 | 18 |

| | | |
|-------------------------------|--------------------------------------|----------------------|
| Sample ID: KTN1-SWP-8I | Media: Wipe | Collected: 11/6/2008 |
| Lab ID: 8316025008 | Sampling Location: 3761 N. Stephanie | Received: 11/11/2008 |

| | | |
|--------------------|--|----------------------|
| Method: NIOSH 6005 | Sampling Parameter: Area 100 cm ² | Analyzed: 11/15/2008 |
| Analyte | ug/sample | RL (ug/sample) |
| Iodine | <18 | 18 |

| | | |
|--------------------------------|--------------------------------------|----------------------|
| Sample ID: KTN1-SWP-11I | Media: Wipe | Collected: 11/6/2008 |
| Lab ID: 8316025009 | Sampling Location: 3761 N. Stephanie | Received: 11/11/2008 |

| | | |
|--------------------|--|----------------------|
| Method: NIOSH 6005 | Sampling Parameter: Area 100 cm ² | Analyzed: 11/15/2008 |
| Analyte | ug/sample | RL (ug/sample) |
| Iodine | <18 | 18 |

| | | |
|-------------------------------|--------------------------------------|----------------------|
| Sample ID: BTR1-SWP-2L | Media: Ghost Wipe | Collected: 11/6/2008 |
| Lab ID: 8316025010 | Sampling Location: 3761 N. Stephanie | Received: 11/11/2008 |

| | | |
|--------------------|--|--|
| Method: NIOSH 7082 | Sampling Parameter: Area 100 cm ² | Prepared: 11/12/2008 Analyzed: 11/17/2008 |
| Analyte | ug/sample | RL (ug/sample) |
| Lead | <2.5 | 2.5 |

| | | |
|-------------------------------|--------------------------------------|----------------------|
| Sample ID: BTR1-SWP-5L | Media: Ghost Wipe | Collected: 11/6/2008 |
| Lab ID: 8316025011 | Sampling Location: 3761 N. Stephanie | Received: 11/11/2008 |

| | | |
|--------------------|--|--|
| Method: NIOSH 7082 | Sampling Parameter: Area 100 cm ² | Prepared: 11/12/2008 Analyzed: 11/17/2008 |
| Analyte | ug/sample | RL (ug/sample) |
| Lead | <2.5 | 2.5 |



ANALYTICAL REPORT

Client Project ID: **Ninyo & Moore 111108**
DCL Workorder: **8316025**
DCL Project Manager: Frank Smith

Analytical Results

| | | |
|-------------------------------|--------------------------------------|----------------------|
| Sample ID: KTN1-SWP-9L | Media: Ghost Wipe | Collected: 11/6/2008 |
| Lab ID: 8316025012 | Sampling Location: 3761 N. Stephanie | Received: 11/11/2008 |

| | | |
|--------------------|--|----------------------|
| Method: NIOSH 7082 | Sampling Parameter: Area 100 cm ² | Prepared: 11/12/2008 |
| | | Analyzed: 11/17/2008 |
| Analyte | ug/sample | RL (ug/sample) |
| Lead | <2.5 | 2.5 |

| | | |
|--------------------------------|--------------------------------------|----------------------|
| Sample ID: KTN1-SWP-12L | Media: Ghost Wipe | Collected: 11/6/2008 |
| Lab ID: 8316025013 | Sampling Location: 3761 N. Stephanie | Received: 11/11/2008 |

| | | |
|--------------------|--|----------------------|
| Method: NIOSH 7082 | Sampling Parameter: Area 100 cm ² | Prepared: 11/12/2008 |
| | | Analyzed: 11/17/2008 |
| Analyte | ug/sample | RL (ug/sample) |
| Lead | <2.5 | 2.5 |

| | | |
|--------------------------------|--------------------------------------|----------------------|
| Sample ID: KTN1-SWP-15L | Media: Ghost Wipe | Collected: 11/6/2008 |
| Lab ID: 8316025014 | Sampling Location: 3761 N. Stephanie | Received: 11/11/2008 |

| | | |
|--------------------|--|----------------------|
| Method: NIOSH 7082 | Sampling Parameter: Area 100 cm ² | Prepared: 11/12/2008 |
| | | Analyzed: 11/17/2008 |
| Analyte | ug/sample | RL (ug/sample) |
| Lead | <2.5 | 2.5 |

| | | |
|--------------------------------|--------------------------------------|----------------------|
| Sample ID: KTN1-SWP-14I | Media: Wipe | Collected: 11/6/2008 |
| Lab ID: 8316025015 | Sampling Location: 3761 N. Stephanie | Received: 11/11/2008 |

| | | |
|--------------------|--|----------------------|
| Method: NIOSH 6005 | Sampling Parameter: Area 100 cm ² | Analyzed: 11/15/2008 |
| Analyte | ug/sample | RL (ug/sample) |
| Iodine | <18 | 18 |

Report Authorization

| | |
|--------------------------------|---------------------------------------|
| Method: Illicit Drugs by LC/MS | |
| <u>Thomas Bosch</u> Analyst | <u>Thomas T. McKay</u> Peer Review |

| | |
|-----------------------------------|---------------------------------------|
| Method: NIOSH 6005 | |
| <u>Laurie K. Jones</u> Analyst | <u>Thomas T. McKay</u> Peer Review |



ANALYTICAL REPORT

Client Project ID: **Ninyo & Moore 111108**
DCL Workorder: **8316025**
DCL Project Manager: Frank Smith

Report Authorization

| | |
|----------------------------------|-------------------------------------|
| Method: NIOSH 7082 | |
| <u>Rosemary Hanks</u> Analyst | <u>Kyle Kuwitzky</u> Peer Review |

Definitions

LOD = Limit of Detection = MDL = Method Detection Limit, A statistical estimate of method/media/instrument sensitivity.

LOQ = Limit of Quantitation = RL = Reporting Limit, A verified value of method/media/instrument sensitivity.

ND = Not Detected, Testing result not detected above the LOD or LOQ.

** No result could be reported, see sample comments for details.

< This testing result is less than the numerical value.

() This testing result is between the LOD and LOQ and has higher analytical uncertainty than values at or above the LOQ.

General Lab Comments

The results provided in this report relate only to the items tested.

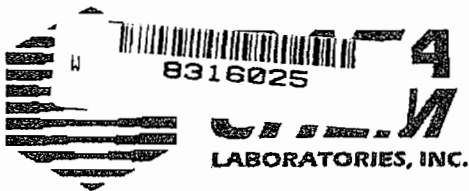
Samples were received in acceptable condition unless otherwise noted.

Samples have not been blank corrected unless otherwise noted.

This test report shall not be reproduced, except in full, without written approval of DataChem Laboratories, Inc.

DataChem Laboratories, Inc. is accredited by AIHA for specific fields of testing as documented in its current scope of accreditation (ID#101574) which is available on request by contacting your project manager or view on the internet at <http://www.aiha.org>. The quality systems implemented in the laboratory apply to all methods performed by DataChem regardless of this current scope of accreditation which does not include performance based methods, modified methods, and methods applied to matrices not listed in the methods.

DataChem Laboratories, Inc. provides professional analytical services for all samples submitted. DataChem Laboratories, Inc. is not in a position to interpret the data and assumes no responsibility for the quality of the samples submitted.



ANALYTICAL REQUEST FORM

8316025
23634/3757 ↓

1. REGULAR Status
 RUSH Status Requested - ADDITIONAL CHARGE
 RESULTS REQUIRED BY _____ DATE _____
 CONTACT DATACHEM LABS PRIOR TO SENDING SAMPLES

2. Date 11/6/08 Purchase Order No. 302556002 4. Quote No. _____
 3. Company Name Ninyo & Moore DCL Project Manager _____
 Address 6700 Paradise Rd, suite E
L25 Vegas, NV 89119 5. Sample Collection
 Person to Contact Mark Gray Sampling Site 3761 N. Stephanie
 Telephone (702) 433-0330 Industrial Process _____
 Fax Telephone (702) 433-0707 Date of Collection 11/6/08
 E-mail Address mgray@ninyoandmoore.com Time Collected 13:00 - 13:20
 Billing Address (if different from above) Date of Shipment 11/7/08
 Chain of Custody No. 01
 6. How did you first learn about DataChem? _____

7. REQUEST FOR ANALYSES

| Laboratory Use Only | Client Sample Number | Matrix* | Sample Volume | ANALYSES REQUESTED - Use method number if known | Units** |
|---------------------|----------------------|------------|---------------------|---|--------------------|
| | BTRI-SWP-1A | gauge | 100 cm ³ | meth NMAM 9111 1 | ug/cm ² |
| | BTRI-SWP-2L | ghost wipe | | lead NMAM 9100 3 | |
| | BTRI-SWP-3I | gauge | | iodine NMAM 6005 2 | |
| | BTRI-SWP-4M | gauge | | meth NMAM 9111 1 | |
| | BTRI-SWP-5L | ghost wipe | | lead NMAM 9100 3 | |
| | BTRI-SWP-6I | gauge | | iodine NMAM 6005 2 | |
| | KTNI-SWP-7M | gauge | | meth NMAM 9111 1 | |
| | KTNI-SWP-8I | gauge | | iodine NMAM 6005 3 | |
| | KTNI-SWP-9L | ghost wipe | | lead NMAM 9100 2 | |
| | KTNI-SWP-10M | gauge | | meth NMAM 9111 1 | |
| | KTNI-SWP-11I | gauge | | iodine NMAM 6005 3 | |
| | KTNI-SWP-12L | ghost wipe | | lead NMAM 9100 2 | |
| | KTNI-SWP-13M | gauge | | meth NMAM 9111 1 | |
| | KTNI-SWP-14I | gauge | ✓ | iodine NMAM 6005 3 | ↓ |

* Specify: Solid sorbent tube, e.g. Charcoal; Filter type; Impinger solution; Bulk sample; Blood; Urine; Tissue; Soil; Water; Other
 ** 1. µg/sample 2. mg/m³ 3. ppm 4. % 5. µg/m³ 6. X (other) Please indicate one or more units in the column entitled Units**
 Comments _____

Possible Contamination and/or Chemical Hazards _____

7. Chain of Custody (Optional)

| | | | |
|-----------------|---------------------|-----------|----------------------|
| Relinquished by | <u>Mark C. Gray</u> | Date/Time | <u>11/7/08 11:00</u> |
| Received by | <u>[Signature]</u> | Date/Time | <u>11/11/08 9:50</u> |
| Relinquished by | _____ | Date/Time | _____ |
| Received by | _____ | Date/Time | _____ |



**DATA
CHEM**
LABORATORIES, INC.

ANALYTICAL REQUEST FORM

1. REGULAR Status
 RUSH Status Requested - ADDITIONAL CHARGE
 RESULTS REQUIRED BY _____ DATE _____
 CONTACT DATACHEM LABS PRIOR TO SENDING SAMPLES

2. Date 11/6/08 Purchase Order No. 302556002
 3. Company Name Ninyo + Moore
 Address 6700 Paradise Ra., Suite E
Las Vegas, NV 89119
 Person to Contact Mark Gray
 Telephone (702) 433-0330
 Fax Telephone (702) 433-0707
 E-mail Address mgray@ninyoandmoore.com
 Billing Address (if different from above)

4. Quote No. _____
 DCL Project Manager _____
 5. Sample Collection
 Sampling Site 3761 xl Stephanie
 Industrial Process _____
 Date of Collection 11/6/08
 Time Collected 13:20
 Date of Shipment 11/7/08
 Chain of Custody No. 02

6. How did you first learn about DataChem?

7. REQUEST FOR ANALYSES

| Laboratory Use Only | Client Sample Number | Matrix* | Sample Volume | ANALYSES REQUESTED - Use method number if known | Units** |
|---------------------|----------------------|-------------------|---------------------------|---|----------------------------|
| | <u>KTN1-SWP-15L</u> | <u>ghost wipe</u> | <u>100 cm²</u> | <u>lead NMAP ⁷⁰⁵/₆₀₅</u> | <u>Z ug/cm²</u> |
| | | | | | |
| | | | | | |
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| | | | | | |

* Specify: Solid sorbent tube, e.g. Charcoal; Filter type; Impinger solution; Bulk sample; Blood; Urine; Tissue; Soil; Water; Other
 ** 1. µg/sample 2. mg/m³ 3. ppm 4. % 5. µg/m³ 6. (other) Please indicate one or more units in the column entitled Units**

Comments _____

Possible Contamination and/or Chemical Hazards _____
 7. Chain of Custody (Optional)

Relinquished by Mark C Gray Date/Time 11/7/08 11:00
 Received by [Signature] Date/Time 11/11/08 9:5
 Relinquished by _____ Date/Time _____
 Received by _____ Date/Time _____

APPENDIX D
DATA VALIDATION REPORT

TO: Greg Beck, Ninyo & Moore

January 22, 2009

FROM: Donna Breaux, DataVal, Inc.

Ninyo & Moore Project No. 302556002

**DATA REVIEW SUMMARY REPORT FOR 3761 NORTH STEPHANIE STREET,
PAHRUMP, NV**

LABORATORY: Environmental Science Corporation, Mt. Juliet, TN

SAMPLING DATE: November 6, 2008

Data review of a Level II laboratory data package was performed according to the guidelines outlined in the U. S. Environmental Protection Agency Contract Laboratory Program National Functional Guidelines for Organic Data Review, October, 1999 and the U. S. Environmental Protection Agency Contract Laboratory Program National Functional Guidelines for Inorganic Data Review, October 2004.

The data were reviewed for holding times, surrogate recoveries, laboratory method blanks, laboratory control samples, matrix spikes and matrix spike duplicates, laboratory duplicates and field QC samples.

The following paragraphs highlight the essential findings of the data review effort:

I. Volatile Organic Compounds (VOCs) by GC/MS (8260B)

Overall, the data are usable as reported. Qualification was not required.

A. Holding Times

Technical holding time criteria were met for all project samples.

B. Surrogate Recoveries

Surrogate spike recoveries met QC acceptance criteria for all project samples.

C. Blanks

Target analytes were not observed in any laboratory method blanks associated with the project samples.

D. Laboratory Control Samples

All QC criteria were met for the laboratory control samples associated with the project samples, with the following exception:

1. The percent recoveries for acrolein were outside the 6% - 182% laboratory acceptance criteria in QC samples WG392914 LCS / LCSD at 186% / 194%. The associated project samples were non-detect for acrolein, and qualification was not required. (QC Batch WG392914)

E. Matrix Spike/Matrix Spike Duplicate

All QC criteria were met for the matrix spikes and matrix spike duplicates associated with the project samples, with the following exception:

1. The relative percent difference (RPD) for 2-chloroethyl vinyl ether was outside the 75% laboratory acceptance criteria in QC samples L373782-06 MS/MSD. The parent sample was from a site unrelated to the project site, and qualification of project samples was not required. (QC Batch WG392914)

II. Various General Chemistry Methods

Overall, the data are usable as reported with any added qualifiers. Qualification was required for the reason noted in Section A.

A. Holding Times

Technical holding time criteria were met for all project samples, with the following exceptions:

1. Samples WW1-GW-1 (L373794-03) and WW7-GW-1 (L373794-04) were analyzed 4 days after sampling for pH analysis. It is recommended that samples be analyzed for pH immediately upon sampling. The results for pH in these samples were qualified as estimated (J).
2. Samples WW1-GW-1 (L373794-03) and WW7-GW-1 (L373794-04) were analyzed 1 day past the 7-day analysis holding time for reactive sulfide. The non-detect results for reactive sulfide in these samples were qualified as estimated (UJ).

See Table 2 of this report for a summary of samples qualified for missed analysis holding time.

B. Blanks

Target analytes were not observed in any laboratory method blanks associated with the project samples.

C. Laboratory Control Samples

All QC criteria were met for the laboratory control samples associated with the project samples.

D. Matrix Spike/Matrix Spike Duplicate

Matrix spike/matrix spike duplicates were not analyzed with the project samples for general chemistry analyses.

E. Laboratory Duplicate Samples

All QC criteria were met for the laboratory duplicate samples associated with the project samples.

FIELD DUPLICATES

Field duplicate precision was evaluated by calculating the relative percent difference (RPD) between detected results in the original sample and its associated duplicate. The control limit used for field duplicates was an RPD less than or equal to 50 percent, or the absolute difference of the two results must be less than the reporting limit for those analytes that were at or near the detection limit. One sample was collected in duplicate for this sampling event.

| Project Sample Primary ID | Laboratory Sample ID | Project Sample Duplicate ID | Laboratory Sample ID |
|---------------------------|----------------------|-----------------------------|----------------------|
| WW1-GW-1 | L373794-01 | WW7-GW-1 | L373794-02 |
| WW1-GW-1 | L373794-03 | WW7-GW-1 | L373794-04 |

The attached Table 3 summarizes the field duplicate sample results. The detected results of the original sample and the associated duplicate sample were compared and the calculated RPDs reported. All RPDs met the 50 percent precision control limit requirement.

SUMMARY

The attached Table 1 lists the samples and analyses included in the data review effort. The attached Table 2 summarizes the data qualifications required for the project samples included in the data packages.

USABILITY

The quality control criteria were reviewed, and other than those discussed above, all criteria were met and the data are considered acceptable. Estimated sample results (J/UJ) are usable only for limited purposes. Based upon the cursory data review, all other results are considered valid and usable for all purposes.

VALIDATION QUALIFIERS IDENTIFICATION

The definitions of the following qualifiers are prepared in accordance with the document "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review," October 2004.

- U The analyte was analyzed for, but was not detected above the level of the reported value. The reported value is either the sample quantitation limit or the sample detection limit for all the analytes except Cyanide (CN) and Mercury (Hg).
- J The associated value is an estimated quantity. The analyte was analyzed for and was positively identified, but the reported numerical value may not be consistent with the amount actually present in the environmental sample.
- R The data are unusable. The analyte was analyzed for, but the presence or absence of the analyte can not be verified.
- UJ A combination of the "U" and the "J" qualifier. The analyte was analyzed for but was not detected. The reported value is an estimate and may be inaccurate or imprecise.

Table 1
Sample Summary
3761 North Stephanie Street
Pahrump, Nevada

| Site Sample ID | Laboratory Sample ID | Date Sampled | Analyses | Sample Type |
|-----------------------|-----------------------------|---------------------|---|--------------------|
| WW1-GW-1 | L373794-01 | 6-Nov-08 | Volatile Organic Compounds (8260B) | Water (1) |
| WW7-GW-1 | L373794-02 | 6-Nov-08 | Volatile Organic Compounds (8260B) | FD (1) |
| WW1-GW-1 | L373794-03 | 6-Nov-08 | General Chemistry Parameters (1, 2, 3, 4) | Water (2) |
| WW7-GW-1 | L373794-04 | 6-Nov-08 | General Chemistry Parameters (1, 2, 3, 4) | FD (2) |

FD: Field duplicate of previous numbered sample, (1), (2), etc.

General Chemistry Parameters

- (1) Corrosivity (9040C)
- (2) Flashpoint (D93/D1010A)
- (3) Reactive Cyanide (9012B)
- (4) Reactive Sulfide (9034/9030B)

Table 2
Qualified Data Summary
3761 North Stephanie Street
Pahrump, Nevada

| Sample ID | Laboratory ID | Analysis Method | Analyte | Qualifier | Reason |
|-----------|---------------|-----------------|------------------|-----------|------------------------------|
| WW1-GW-1 | L373794-03 | 9040C | pH | J | Missed analysis holding time |
| WW1-GW-1 | L373794-03 | 9034/9030B | Reactive sulfide | UJ | Missed analysis holding time |
| WW7-GW-1 | L373794-04 | 9040C | pH | J | Missed analysis holding time |
| WW7-GW-1 | L373794-04 | 9034/9030B | Reactive sulfide | UJ | Missed analysis holding time |

Table 3
Summary of Field Duplicates
3761 North Stephanie Street
Pahrump, Nevada

| Original Sample ID | Laboratory ID | Matrix | Analyte | Original Results* | Duplicate Sample ID | Laboratory ID | Duplicate Results* | RPD |
|--------------------|---------------|--------|------------------|-------------------|---------------------|---------------|--------------------|-------|
| WW1-GW-1 | L373794-01 | Water | All VOCs | ND | WW7-GW-1 | L373794-02 | ND | NA |
| WW1-GW-1 | L373794-03 | Water | Corrosivity | 7.4 | WW7-GW-1 | L373794-04 | 7.7 | -4.0% |
| WW1-GW-1 | L373794-03 | Water | Flashpoint | ND | WW7-GW-1 | L373794-04 | ND | NA |
| WW1-GW-1 | L373794-03 | Water | Reactive cyanide | ND | WW7-GW-1 | L373794-04 | ND | NA |
| WW1-GW-1 | L373794-03 | Water | Reactive sulfide | ND | WW7-GW-1 | L373794-04 | ND | NA |

*Units for flashpoint analysis are degrees fahrenheit. Units do not apply for corrosivity analysis. Units for all other analyses are mg/L.

ND: Not detected

NA: Not applicable. Calculation of the relative percent difference between the sample result and the duplicate sample result is not applicable.

RPD: Relative percent difference