# CARSON RIVER MERCURY SITE REFERENCE DOCUMENT

UNITS 11 & 12 FINAL GRADE SAMPLING FOR TOTAL MERCURY IN SOILS

# RIVERPARK SUBDIVISION Phase III DAYTON, NEVADA

Final Document Submitted to NDEP March 2011

PREPARED FOR:

Nevada Division of Environmental Protection
Bureau of Corrective Actions
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PREPARED BY:

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Additional Sampling Information

### **Acronyms**

APN Assessor Parcel Number

CERCLA | Comprehensive Environmental Response, Compensation and Liability

Act, the federal government's program to locate, investigate, and manage eligible hazardous waste sites (commonly referred to as

"Superfund")

CRMS Carson River Mercury Site

EPA U.S. Environmental Protection Agency

fbg Feet below grade

Hg mercury

Mg/Kg milligrams per kilogram, equates generally to parts per million

NDEP Nevada Division of Environmental Protection

NPL National Priorities List, the list of hazardous waste sites eligible for long-

term remedial action under CERCLA

QA/QC Quality Assurance/Quality Control

SAP Sampling and Analysis Plan

File: 2011-4-5 rpt. Units 11&12 Reference Doc 05317.1 Lennar RAE-sta-jm L3-61.doc [March 2011]

# INTRODUCTION

# **Background Information**

This reference manual has been developed in response to the recommendation by the U.S. Environmental Protection Agency (EPA) that a durable notification mechanism be established for the Riverpark Subdivision (Riverpark). Riverpark (Figure A) is located within the Carson River Mercury Site (CRMS), which is regulated under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). Sites regulated under CERCLA are commonly referred to as "Superfund" sites.

The CRMS was first identified in 1990 by the EPA after elevated levels of mercury were found in tailings and drainages associated with historic mining activities of the Comstock. The CRMS is described in the EPA CRMS Record of Decision as "sediments in an approximately 70-mile stretch of the Carson River beginning in Carson City, Nevada and extending downstream through the Lahontan Reservoir to the terminal wetlands in the Carson Desert; tailings piles, sediments and soils in Gold Canyon, Sixmile Canyon and Sevenmile Canyon." The lateral extent of the CRMS coincides with the 100-year floodplain of these drainages as they existed during the Comstock Era. Further information on the development of the CRMS may be found at http://ndep.nv.gov/bca/carsonriver/criver 1.htm.

The EPA requires institutional controls for all CERCLA-regulated (Superfund) sites, and when land development began on formerly undisturbed soils, the need was produced for institutional controls to protect residents from the potential for exposure to mercury. On September 15, 2004, the Nevada Division of Environmental Protection (NDEP) issued the first notice for the Riverpark Subdivision. The notice requested a Sampling and Analysis Plan (SAP) for total mercury in soils at Units 8 and 9 of the subdivision. Subsequent discussions with NDEP narrowed the scope of the SAP to Unit 8 only. The SAP for Unit 8 now serves as the master document for all subsequent sampling within the Riverpark Subdivision.

The EPA, in a health-based risk assessment, determined that concentrations below 80mg/Kg total mercury in soils do not pose a threat to human health or the environment in residential settings. The risk assessment was based on the direct ingestion of elemental mercury in soils over a lifetime.

The NDEP offers property owners two options for demonstrating that a property does not provide a direct exposure pathway to contaminated soils:

Option A requires statistically representative sampling of the finish grade residential soils to a depth of two feet below grade once major earthwork is completed. Option A also requires a durable notification mechanism to all current and future landowners and leaseholders of the potential hazard associated with mercury contamination within CRMS boundaries. The durable notification further provides a framework for an ongoing soils management plan should current or future homeowners decide to excavate below two feet.

<u>Option B</u> requires statistically representative sampling of finished grade residential soils to a depth of eight feet. Durable notification is not required under Option B.

Lennar and NDEP agreed on the implementation of Option A to evaluate whether soils in excess of 80mg/Kg total mercury were present on individual lots. Option A was chosen for the following reasons. First, no point sources of mercury have been identified within the project boundary. Second, historical sampling by the U.S. EPA failed to identify elevated levels of mercury within the Riverpark Subdivision area. Third, a statistically representative sampling plan is more feasible between zero and two feet below grade than between zero and eight feet below grade. Finally, Option A further provides a mechanism for the long-term protection of homeowners during home improvement projects that affect soils deeper than two feet below grade through the ongoing soils management plan with NDEP.

#### How to Use this Document

This reference document has been structured to serve as a repository for all sampling information for total mercury in soils within Units 11 and 12 of Phase III of the Riverpark Subdivision. The individual sections shall contain information as defined in the Table of Contents. This information shall include pre-grade data, the December 2004 SAP, and unit by unit summaries of regulatory correspondence, requests for approval of unit-specific SAPs, presentation of the unit-specific data in table form and on a map of the unit, as well as raw data and chain of custody forms. Each section shall also contain a map of the Riverpark Subdivision showing available cumulative data and, finally, a letter from the NDEP stating that no further action will be required for the units being investigated. A place has been provided at the end of each unit section for archiving any additional sampling information that may be generated for this area after the publication and distribution of this document.

Copies of this document, including records of any subsequent sampling activities executed under the NDEP's ongoing soils management plan, will be maintained at the following location:

Nevada Division of Environmental Protection

> Bureau of Corrective Actions 901 S. Stewart Street Suite 4001 Carson City, NV 89701 (775) 687-9368

# Limitations and Exceptions

Information contained in this report was drawn from sources available at the time of the investigation and does not warrant or certify the property in question for environmental liability. Additional information that was not found or available to Resource Concepts, Inc. (RCI) at the time this report was written may result in the modification of conclusions and recommendations presented herein.

Investigative procedures employed were consistent with good commercial practices and demonstrate due diligence in a cost effective manner.

Resource Concepts, Inc. accepts no responsibility for the accuracy of information provided by others.

As required under Nevada Administrative Code 459.9704, this Reference Document was conducted under the direction of a Nevada Certified Environmental Manager.

#### LCB File No. R016-96

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 regulations and ordinances.

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

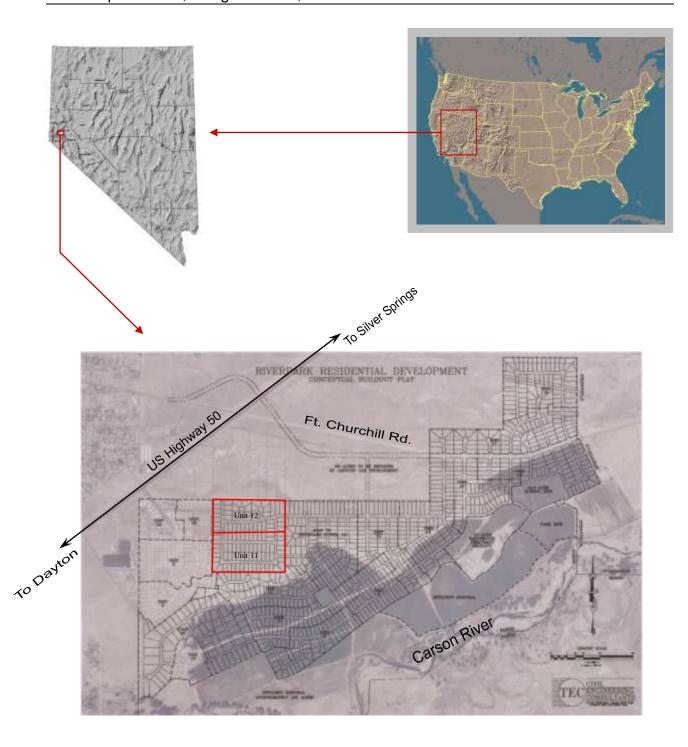
Sampling for Total Mercury at the Riverpark Subdivision, Dayton, Nevada, which is within the Carson River Mercury Site.

Robin Anne Eppard

Certified Environmental Manager (#1427)

Expires: March 8, 2013

Figure A: Vicinity Map
Lennar – Riverpark Subdivision, Units 11 and 12
Dayton, Lyon County, Nevada
Township 17 North, Range 22 East, Sections 33 and 34



# PRE-GRADE SAMPLE DATA

Surface Samples

# Scope of Work

A total of 34 surface samples were collected from Lyon County Assessor Parcel numbers 16-042-11 and 16-025-27, and Riverpark Units 11, 12, 13, 14, 15, 16, 17 and 18, between December 6, 2004 and January 28, 2005, as part of a Phase I Environmental Site Assessment for Reynen & Bardis Communities.

# Methodology

Samples were collected from the top six inches of soil into clean Ziploc™ baggies and transported under Chain of Custody to Sierra Environmental Laboratories (Reno, Nevada) for analysis using EPA Test Method 245.5 – Total Mercury by AA Cold Vapor. Sample collection sites consisted of:

- locations within drainages;
- locations of ponded water;
- areas with unusual vegetation patterns; and
- areas that appeared undisturbed.

Each sample collection point was located using a hand-held GPS unit for use in a pictorial representation of the data, and inclusion in Surfer™ Software for geostatistical evaluation.

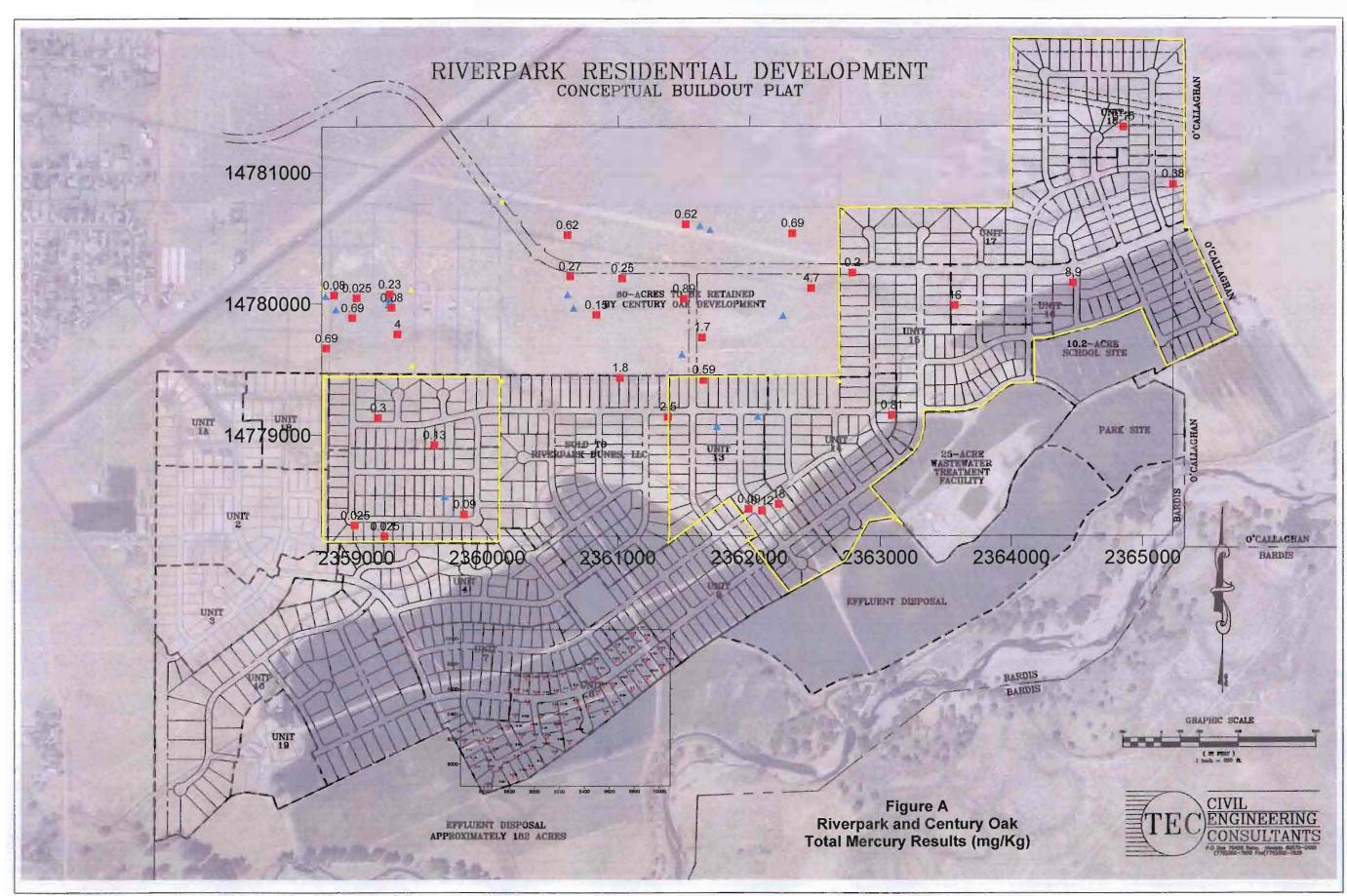
### Results

The analytical data (Table A) indicate concentrations of total mercury ranging from less than the detection limit of 0.05mg/Kg to 18mg/Kg, with a mean concentration of 1.97mg/Kg, and median value of 0.45mg/Kg (analytical data sheets enclosed).

A pictorial representation of the analytical data using Surfer™ Software is presented in Figure A. Contour lines for total mercury are not shown because analytical results at or near 80mg/Kg were absent.

# Table A Summary of Pre-Grade Testing for Total Mercury in Soils Riverpark Subdivision and Adjoining Properties

Sample   Sample Collection Location   Data (mg/Kg)	ı	Riverpark Subdivision and Adjoining Properties	ī
RCI-1         Unit 15 - Sediment within Cardelli Ditch along Ft. Churchill Road         16.0           RCI-2         Unit 17 - Sediment within Cardelli Ditch along Ft. Churchill Road         1.38           RCI-3         Unit 18 - Soil from pile of dirt         0.15           RCI-4         Unit 16 - Soil from glalfa field         8.9           RCI-5         Unit 15 - Sediment from Six Mile Canyon drainage near Ft. Churchill         0.2           ROad         RCI-6         Unit 14 - Sediment within Cardelli Ditch near hay storage facilities         0.81           RCI-7         Unit 14 - Sediment from Cardelli Ditch near southeast border of Unit         18.0           4         RCI-7         Unit 13 - Soil from cut slope         0.09           RCI-8         Unit 13 - Soil from cut slope         0.09           RCI-9         Unit 13 - Soil from cut slope         0.09           RCI-10         Unit 12 - Soil from cut slope         0.09           RCI-11         Unit 11 - Soil from pad         0.13           RCI-12         Unit 11 - Soil from cut face of survey island         0.025           RCI-15         Unit 12 - Soil from pad         0.025           RCI-15         Unit 12 - Soil from pad         0.025           RCI-16         Unit 12 - Soil from cut face of survey island         0.025	-		
RCI-2         Unit 17 — Sediment within Cardelli Ditch along Ft. Churchill Road         1.38           RCI-3         Unit 18 — Soil from pile of dirt         0.15           RCI-4         Unit 16 — Soil from alfalfa field         8.9           RCI-5         Unit 15 — Sediment from Six Mile Canyon drainage near Ft. Churchill Road         0.2           RCI-6         Unit 14 — Sediment within Cardelli Ditch near hay storage facilities         0.81           RCI-7         Unit 14 — Sediment from Cardelli Ditch near hay storage facilities         0.81           RCI-7         Unit 13 — Soil from Cardelli Ditch near southeast border of Unit 14.         18.0           RCI-8         Unit 13 — Soil from cut slope         0.09           RCI-9         Unit 13 - Soil from cut slope         0.09           RCI-10         Unit 13 - Soil from cut slope         0.09           RCI-11         Unit 11 - Soil from pad         0.13           RCI-12         Unit 11 - Soil from pad         0.3           RCI-13         Unit 11 - Soil from pad         0.025           RCI-14         Unit 11 - Soil from pad         0.025           RCI-15         Unit 12 - Soil from pad         0.025           RCI-16         Unit 11 - Soil swithin Six Mile Canyon drainage channel         0.69           S2         APN 16-042-11 - Soils w			
RCI-3         Unit 18 – Soil from pile of dirt         0.15           RCI-4         Unit 16 – Soil from alfalfa field         8.9           RCI-5         Unit 15 – Sediment from Six Mile Canyon drainage near Ft. Churchill         0.2           Road         RCI-6         Unit 14 – Sediment within Cardelli Ditch near hay storage facilities         0.81           RCI-7         Unit 14 – Sediment from Cardelli Ditch near southeast border of Unit 14         18.0           RCI-8         Unit 13 – Soil from cut slope         0.09           RCI-9         Unit 13 – Soil from cut slope         0.12           RCI-10         Unit 12 – Soil from cut slope         0.09           RCI-11         Unit 11 – Soil from pad         0.13           RCI-12         Unit 11 – Soil from pad         0.3           RCI-14         Unit 11 – Soil from pad         0.025           RCI-15         Unit 12 – Soil from pad         0.025           S1         APN 16-042-11 – Soils within Six Mile Canyon drainage channel         0.69           S2         APN 16-042-11 – Soils within Six Mile Canyon drainage channel         4.0           S3         APN 16-042-11 – Northern property boundary soils         0.23           S4         APN 16-042-11 – Northern property boundary soils in ponded area         0.025           S6		<u>~</u>	
RCI-4         Unit 16 – Soil from alfalfa field         8.9           RCI-5         Unit 15 – Sediment from Six Mile Canyon drainage near Ft. Churchill         0.2           ROI-6         Unit 14 – Sediment within Cardelli Ditch near hay storage facilities         0.81           RCI-7         Unit 14 – Sediment from Cardelli Ditch near southeast border of Unit 14         18.0           RCI-8         Unit 13 – Soil from cut slope         0.09           RCI-9         Unit 13 - Soil from cut slope         0.09           RCI-10         Unit 13 - Soil from cut slope         0.09           RCI-11         Unit 11 - Soil from pad         0.13           RCI-12         Unit 11 - Soil from pad         0.3           RCI-13         Unit 12 - Soil from pad         0.025           RCI-15         Unit 12 - Soil from pad         0.025           RCI-15         Unit 12 - Soil from pad         0.025           S1         APN 16-042-11 - Soils within Six Mile Canyon drainage channel         0.69           S2         APN 16-042-11 - Soils within Six Mile Canyon drainage channel         4.0           S3         APN 16-042-11 - Northern property boundary soils         0.23           S4         APN 16-042-11 - Northern property boundary soils in ponded area         0.025           S6         APN 16-042-11 - Norther		<u>~</u>	
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RCI-8			
RCI-9         Unit 13 - Soil from cut slope         0.12           RCI-10         Unit 12 - Soil from cut slope         0.09           RCI-11         Unit 11 - Soil from pad         0.13           RCI-12         Unit 11 - Soil from pad         0.3           RCI-14         Unit 11 - Soil from cut face of survey island         0.025           RCI-15         Unit 12 - Soil from pad         0.025           S1         APN 16-042-11 - Soils within Six Mile Canyon drainage channel         0.69           S2         APN 16-042-11 - Soils within Six Mile Canyon drainage channel         4.0           S3         APN 16-042-11 - Soils within Six Mile Canyon drainage channel         4.0           S3         APN 16-042-11 - Soils within Six Mile Canyon drainage channel         0.08           s4         APN 16-042-11 - Northern property boundary soils         0.23           S5         APN 16-042-11 - Northwestern property boundary soils         0.08           S7         APN 16-042-11 - Adjoining Six Mile Canyon drainage channel         0.69           S8         APN 16-042-11 - Adjoining Six Mile Canyon drainage channel         4.7           S9         APN 16-025-27 - Soils along Ft. Churchill Road         0.69           S10         APN 16-025-27 - Soils along Ft. Churchill Road         0.62           S11			
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RCI-12         Unit 11 – Soil from pad         0.3           RCI-14         Unit 11 - Soil from cut face of survey island         0.025           RCI-15         Unit 12 – Soil from pad         0.025           S1         APN 16-042-11 – Soils within Six Mile Canyon drainage channel         0.69           S2         APN 16-042-11 – Soils within Six Mile Canyon drainage channel         4.0           S3         APN 16-042-11 – Soils within small tributary to Six Mile Canyon drainage         0.08           S4         APN 16-042-11 – Northern property boundary soils         0.23           S5         APN 16-042-11 – Northern property boundary soils in ponded area         0.025           S6         APN 16-042-11 – Northwestern property boundary soils         0.08           S7         APN 16-042-11 – Adjoining Six Mile Canyon drainage channel         0.69           S8         APN 16-025-27 – Soils within Six Mile Canyon drainage channel         4.7           S9         APN 16-025-27 – Soils along Ft. Churchill Road         0.69           S10         APN 16-025-27 – Soils along Ft. Churchill Road         0.62           S11         APN 16-025-27 – Soils along dirt road         0.27           S13         APN 16-025-27 – Soils along southern property boundary         1.8           S15         APN 16-025-27 – Soils along southern property boundar	RCI-11		0.13
RCI-14         Unit 11 - Soil from cut face of survey island         0.025           RCI-15         Unit 12 - Soil from pad         0.025           S1         APN 16-042-11 - Soils within Six Mile Canyon drainage channel         0.69           S2         APN 16-042-11 - Soils within Six Mile Canyon drainage channel         4.0           S3         APN 16-042-11 - Soils within small tributary to Six Mile Canyon drainage         0.08           S4         APN 16-042-11 - Northern property boundary soils         0.23           S5         APN 16-042-11 - Northwestern property boundary soils in ponded area         0.025           S6         APN 16-042-11 - Northwestern property boundary soils in ponded area         0.08           S7         APN 16-042-11 - Adjoining Six Mile Canyon drainage channel in the color of the color			
RCI-15         Unit 12 – Soil from pad         0.025           S1         APN 16-042-11 – Soils within Six Mile Canyon drainage channel         0.69           S2         APN 16-042-11 – Soils within Six Mile Canyon drainage channel         4.0           S3         APN 16-042-11 – Soils within small tributary to Six Mile Canyon drainage         0.08           S4         APN 16-042-11 – Northern property boundary soils         0.23           S5         APN 16-042-11 – Northern property boundary soils in ponded area         0.025           S6         APN 16-042-11 – Northwestern property boundary soils         0.08           S7         APN 16-042-11 – Adjoining Six Mile Canyon drainage channel         0.69           S8         APN 16-042-17 – Soils within Six Mile Canyon drainage channel         4.7           S9         APN 16-025-27 – Soils along Ft. Churchill Road         0.69           S10         APN 16-025-27 – Soils along Ft. Churchill Road         0.62           S11         APN 16-025-27 – Soils along Girt road         0.27           S13         APN 16-025-27 – Soils along dirt road         0.15           S14         APN 16-025-27 – Soils along southern property boundary         1.8           S15         APN 16-025-27 – Soils along southern property boundary         0.59           S17         APN 16-025-27 – Soils within Six Mil	RCI-14		0.025
S1         APN 16-042-11 – Soils within Six Mile Canyon drainage channel         0.69           S2         APN 16-042-11 – Soils within Six Mile Canyon drainage channel         4.0           S3         APN 16-042-11 – Soils within small tributary to Six Mile Canyon drainage         0.08           S4         APN 16-042-11 – Northern property boundary soils         0.23           S5         APN 16-042-11 – Northern property boundary soils in ponded area         0.025           S6         APN 16-042-11 – Northwestern property boundary soils         0.08           S7         APN 16-042-11 – Adjoining Six Mile Canyon drainage channel         0.69           S8         APN 16-025-27 – Soils within Six Mile Canyon drainage channel         4.7           S9         APN 16-025-27 – Soils along Ft. Churchill Road         0.69           S10         APN 16-025-27 – Soils along Ft. Churchill Road         0.62           S11         APN 16-025-27 – Soils along dirt road         0.15           S14         APN 16-025-27 – Soils along southern property boundary         1.8           S15         APN 16-025-27 – Soils along southern property boundary         0.59           S17         APN 16-025-27 – Soils along southern property boundary         0.59           S17         APN 16-025-27 – Soils along Six Mile Canyon drainage channel         1.7           S18	RCI-15		
S2         APN 16-042-11 – Soils within Six Mile Canyon drainage channel         4.0           S3         APN 16-042-11 – Soils within small tributary to Six Mile Canyon drainage         0.08           S4         APN 16-042-11 – Northern property boundary soils         0.23           S5         APN 16-042-11 – Northern property boundary soils in ponded area         0.025           S6         APN 16-042-11 – Northwestern property boundary soils         0.08           S7         APN 16-042-11 – Adjoining Six Mile Canyon drainage channel         0.69           S8         APN 16-025-27 – Soils within Six Mile Canyon drainage channel         4.7           S9         APN 16-025-27 – Soils along Ft. Churchill Road         0.69           S10         APN 16-025-27 – Soils along Ft. Churchill Road         0.62           S11         APN 16-025-27 – Soils along Ft. Churchill Road         0.62           S12         APN 16-025-27 – Soils along dirt road         0.15           S14         APN 16-025-27 – Soils along southern property boundary         1.8           S15         APN 16-025-27 – Soils along southern property boundary         0.59           S16         APN 16-025-27 – Soils within Six Mile Canyon drainage channel         1.7           S18         APN 16-025-27 – Soils along Six Mile Canyon drainage         0.89	S1		0.69
S3         APN 16-042-11 – Soils within small tributary to Six Mile Canyon drainage         0.08           S4         APN 16-042-11 – Northern property boundary soils         0.23           S5         APN 16-042-11 – Northern property boundary soils in ponded area         0.025           S6         APN 16-042-11 – Northwestern property boundary soils         0.08           S7         APN 16-042-11 – Adjoining Six Mile Canyon drainage channel         0.69           S8         APN 16-042-1 – Soils within Six Mile Canyon drainage channel         4.7           S9         APN 16-025-27 – Soils along Ft. Churchill Road         0.69           S10         APN 16-025-27 – Soils along Ft. Churchill Road         0.62           S11         APN 16-025-27 – Soils along Ft. Churchill Road         0.62           S12         APN 16-025-27 – Soils along dirt road         0.27           S13         APN 16-025-27 – Soils along southern property boundary         1.8           S15         APN 16-025-27 – Soils along dirt road         2.5           S16         APN 16-025-27 – Soils along southern property boundary         0.59           S17         APN 16-025-27 – Soils within Six Mile Canyon drainage channel         1.7           S18         APN 16-025-27 – Soils along Six Mile Canyon drainage         0.89	S2		4.0
drainage           S4         APN 16-042-11 – Northern property boundary soils         0.23           S5         APN 16-042-11 – Northern property boundary soils in ponded area         0.025           S6         APN 16-042-11 – Northwestern property boundary soils         0.08           S7         APN 16-042-11 – Adjoining Six Mile Canyon drainage channel         0.69           S8         APN 16-025-27 – Soils within Six Mile Canyon drainage channel         4.7           S9         APN 16-025-27 – Soils along Ft. Churchill Road         0.69           S10         APN 16-025-27 – Soils along Ft. Churchill Road         0.62           S11         APN 16-025-27 – Soils along Ft. Churchill Road         0.62           S12         APN 16-025-27 – Soils along dirt road         0.15           S14         APN 16-025-27 – Soils along southern property boundary         1.8           S15         APN 16-025-27 – Soils along dirt road         2.5           S16         APN 16-025-27 – Soils along southern property boundary         0.59           S17         APN 16-025-27 – Soils within Six Mile Canyon drainage channel         1.7           S18         APN 16-025-27 – Soils along Six Mile Canyon drainage         0.89	S3	APN 16-042-11 – Soils within small tributary to Six Mile Canyon	0.08
S5         APN 16-042-11 – Northern property boundary soils in ponded area         0.025           S6         APN 16-042-11 – Northwestern property boundary soils         0.08           S7         APN 16-042-11 – Adjoining Six Mile Canyon drainage channel         0.69           S8         APN 16-025-27 – Soils within Six Mile Canyon drainage channel         4.7           S9         APN 16-025-27 – Soils along Ft. Churchill Road         0.69           S10         APN 16-025-27 – Soils along Ft. Churchill Road         0.62           S11         APN 16-025-27 – Soils along Ft. Churchill Road         0.62           S12         APN 16-025-27 – Upland soils         0.27           S13         APN 16-025-27 – Soils along dirt road         0.15           S14         APN 16-025-27 – Soils along southern property boundary         1.8           S15         APN 16-025-27 – Soils along southern property boundary         0.59           S16         APN 16-025-27 – Soils along southern property boundary         0.59           S17         APN 16-025-27 – Soils within Six Mile Canyon drainage channel         1.7           S18         APN 16-025-27 – Soils along Six Mile Canyon drainage         0.89			
S6         APN 16-042-11 – Northwestern property boundary soils         0.08           S7         APN 16-042-11 – Adjoining Six Mile Canyon drainage channel         0.69           S8         APN 16-025-27 – Soils within Six Mile Canyon drainage channel         4.7           S9         APN 16-025-27 – Soils along Ft. Churchill Road         0.69           S10         APN 16-025-27 – Soils along Ft. Churchill Road         0.62           S11         APN 16-025-27 – Soils along Ft. Churchill Road         0.62           S12         APN 16-025-27 – Upland soils         0.27           S13         APN 16-025-27 – Soils along dirt road         0.15           S14         APN 16-025-27 – Soils along southern property boundary         1.8           S15         APN 16-025-27 – Soils along southern property boundary         0.59           S16         APN 16-025-27 – Soils along southern property boundary         0.59           S17         APN 16-025-27 – Soils within Six Mile Canyon drainage channel         1.7           S18         APN 16-025-27 – Soils along Six Mile Canyon drainage         0.89	<b>S4</b>	APN 16-042-11 – Northern property boundary soils	0.23
S7       APN 16-042-11 – Adjoining Six Mile Canyon drainage channel       0.69         S8       APN 16-025-27 – Soils within Six Mile Canyon drainage channel       4.7         S9       APN 16-025-27 – Soils along Ft. Churchill Road       0.69         S10       APN 16-025-27 – Soils along Ft. Churchill Road       0.62         S11       APN 16-025-27 – Soils along Ft. Churchill Road       0.62         S12       APN 16-025-27 – Upland soils       0.27         S13       APN 16-025-27 – Soils along dirt road       0.15         S14       APN 16-025-27 – Soils along southern property boundary       1.8         S15       APN 16-025-27 – Soils along dirt road       2.5         S16       APN 16-025-27 – Soils along southern property boundary       0.59         S17       APN 16-025-27 – Soils within Six Mile Canyon drainage channel       1.7         S18       APN 16-025-27 – Soils along Six Mile Canyon drainage       0.89	<b>S</b> 5	APN 16-042-11 – Northern property boundary soils in ponded area	0.025
S8         APN 16-025-27 – Soils within Six Mile Canyon drainage channel         4.7           S9         APN 16-025-27 – Soils along Ft. Churchill Road         0.69           \$10         APN 16-025-27 – Soils along Ft. Churchill Road         0.62           \$11         APN 16-025-27 – Soils along Ft. Churchill Road         0.62           \$12         APN 16-025-27 – Upland soils         0.27           \$13         APN 16-025-27 – Soils along dirt road         0.15           \$14         APN 16-025-27 – Soils along southern property boundary         1.8           \$15         APN 16-025-27 – Soils along dirt road         2.5           \$16         APN 16-025-27 – Soils along southern property boundary         0.59           \$17         APN 16-025-27 – Soils within Six Mile Canyon drainage channel         1.7           \$18         APN 16-025-27 – Soils along Six Mile Canyon drainage         0.89	S6	APN 16-042-11 – Northwestern property boundary soils	0.08
S9         APN 16-025-27 – Soils along Ft. Churchill Road         0.69           \$10         APN 16-025-27 – Soils along Ft. Churchill Road         0.62           \$11         APN 16-025-27 – Soils along Ft. Churchill Road         0.62           \$12         APN 16-025-27 – Upland soils         0.27           \$13         APN 16-025-27 – Soils along dirt road         0.15           \$14         APN 16-025-27 – Soils along southern property boundary         1.8           \$15         APN 16-025-27 – Soils along dirt road         2.5           \$16         APN 16-025-27 – Soils along southern property boundary         0.59           \$17         APN 16-025-27 – Soils within Six Mile Canyon drainage channel         1.7           \$18         APN 16-025-27 – Soils along Six Mile Canyon drainage         0.89	<b>S7</b>	APN 16-042-11 – Adjoining Six Mile Canyon drainage channel	0.69
\$10         APN 16-025-27 - Soils along Ft. Churchill Road         0.62           \$11         APN 16-025-27 - Soils along Ft. Churchill Road         0.62           \$12         APN 16-025-27 - Upland soils         0.27           \$13         APN 16-025-27 - Soils along dirt road         0.15           \$14         APN 16-025-27 - Soils along southern property boundary         1.8           \$15         APN 16-025-27 - Soils along dirt road         2.5           \$16         APN 16-025-27 - Soils along southern property boundary         0.59           \$17         APN 16-025-27 - Soils within Six Mile Canyon drainage channel         1.7           \$18         APN 16-025-27 - Soils along Six Mile Canyon drainage         0.89	S8	APN 16-025-27 – Soils within Six Mile Canyon drainage channel	4.7
S11       APN 16-025-27 – Soils along Ft. Churchill Road       0.62         S12       APN 16-025-27 – Upland soils       0.27         S13       APN 16-025-27 – Soils along dirt road       0.15         S14       APN 16-025-27 – Soils along southern property boundary       1.8         S15       APN 16-025-27 – Soils along dirt road       2.5         S16       APN 16-025-27 – Soils along southern property boundary       0.59         S17       APN 16-025-27 – Soils within Six Mile Canyon drainage channel       1.7         S18       APN 16-025-27 – Soils along Six Mile Canyon drainage       0.89	S9	APN 16-025-27 – Soils along Ft. Churchill Road	0.69
S12       APN 16-025-27 – Upland soils       0.27         S13       APN 16-025-27 – Soils along dirt road       0.15         S14       APN 16-025-27 – Soils along southern property boundary       1.8         S15       APN 16-025-27 – Soils along dirt road       2.5         S16       APN 16-025-27 – Soils along southern property boundary       0.59         S17       APN 16-025-27 – Soils within Six Mile Canyon drainage channel       1.7         S18       APN 16-025-27 – Soils along Six Mile Canyon drainage       0.89		APN 16-025-27 – Soils along Ft. Churchill Road	0.62
S13         APN 16-025-27 – Soils along dirt road         0.15           S14         APN 16-025-27 – Soils along southern property boundary         1.8           S15         APN 16-025-27 – Soils along dirt road         2.5           S16         APN 16-025-27 – Soils along southern property boundary         0.59           S17         APN 16-025-27 – Soils within Six Mile Canyon drainage channel         1.7           S18         APN 16-025-27 – Soils along Six Mile Canyon drainage         0.89		APN 16-025-27 – Soils along Ft. Churchill Road	0.62
S14         APN 16-025-27 – Soils along southern property boundary         1.8           S15         APN 16-025-27 – Soils along dirt road         2.5           S16         APN 16-025-27 – Soils along southern property boundary         0.59           S17         APN 16-025-27 – Soils within Six Mile Canyon drainage channel         1.7           S18         APN 16-025-27 – Soils along Six Mile Canyon drainage         0.89	S12	APN 16-025-27 – Upland soils	0.27
S15APN 16-025-27 – Soils along dirt road2.5S16APN 16-025-27 – Soils along southern property boundary0.59S17APN 16-025-27 – Soils within Six Mile Canyon drainage channel1.7S18APN 16-025-27 – Soils along Six Mile Canyon drainage0.89		APN 16-025-27 – Soils along dirt road	0.15
\$16APN 16-025-27 - Soils along southern property boundary0.59\$17APN 16-025-27 - Soils within Six Mile Canyon drainage channel1.7\$18APN 16-025-27 - Soils along Six Mile Canyon drainage0.89			
\$17APN 16-025-27 – Soils within Six Mile Canyon drainage channel1.7\$18APN 16-025-27 – Soils along Six Mile Canyon drainage0.89		•	
S18 APN 16-025-27 – Soils along Six Mile Canyon drainage 0.89			
<b>\$19A</b>   APN 16-025-27 – Soils within ponded area   0.025			
	S19A	APN 16-025-27 – Soils within ponded area	0.025
<b>S19B</b> APN 16-025-27 – Soils within ponded area 0.25	S19B	APN 16-025-27 – Soils within ponded area	
n= 34			
Minimum value 0.025			
Maximum value 18.0			
Mean value 1.97			-
Median value 0.45		Median value	0.45







Resource Concepts

Attn: Robin Eppard

340 N. Minnesota Street

Carson City, NV 89703

Date:

PO #:

12/9/2004

Client:

RSC-937

Taken by:

R. Eppard

Dear Robin Eppard,

It is the policy of Sierra Environmental Monitoring, Inc to strictly adhere to a comprehensive Quality Assurance Plan that insures the data presented in this report are both accurate and precise. Sierra Environmental Monitoring, Inc. maintains accreditation in the State of Nevada (NV-15) and the State of California (ELAP 2526).

The data presented in this report were obtained from the analysis of samples received under a chain of custody. Unless otherwise noted below, samples were received in good condition, properly preserved and within the hold time for the requested analyses. Any anomalies associated with the analysis of the samples have been flagged with appropriate explanation in the Analysis Report section of this Laboratory Report.

#### General Comments:

- There are no general comments for this report.

#### Individual Sample Comments:

- S200412-0215 Hg Samples reported on an as-received moist weight basis.
- S200412-0216 Hg Samples reported on an as-received moist weight basis.
- S200412-0217 Hg Samples reported on an as-received moist weight basis.
- S200412-0218 Hg Samples reported on an as-received moist weight basis.
- S200412-0219 Hg Samples reported on an as-received moist weight basis.
- \$200412-0220 Hg Samples reported on an as-received moist weight basis.
- \$200412-0221 Hg Samples reported on an as-received moist weight basis.
- S200412-0222 Hg Samples reported on an as-received moist weight basis.
- S200412-0223 Hg Samples reported on an as-received moist weight basis.
   S200412-0224 Hg Samples reported on an as-received moist weight basis.
- S200412-0225 Hg Samples reported on an as-received moist weight basis.
- S200412-0226 Hg Samples reported on an as-received moist weight basis.
- S200412-0227 Hg Samples reported on an as-received moist weight basis.
- S200412-0228 Hg Samples reported on an as-received moist weight basis.
- S200412-0229 Hg Samples reported on an as-received moist weight basis.
- S200412-0230 Hg Samples reported on an as-received moist weight basis.
- S200412-0231 Hg Samples reported on an as-received moist weight basis.
- S200412-0232 Hg Samples reported on an as-received moist weight basis.
- S200412-0233 Hg Samples reported on an as-received moist weight basis.
- S200412-0234 Hg Samples reported on an as-received moist weight basis.



Resource Concepts

Attn: Robin Eppard

340 N. Minnesota Street

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RSC-937

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R. Eppard

PO #:

Approved By:

Date:

12/9/2004

Sierra Environmental Monitoring, Inc.

This report is applicable only to the sample received by the laboratory. The liability of the laboratory is limited to the amount paid for this report. This report is for the exclusive use of the client to whom it is addressed and upon the condition that the client assumes all liability for the further distribution of the report or its contents.

Sierra Environmental Monitoring, Inc.

Resource Concepts
Attn: Robin Eppard
340 N. Minnesota Street
Carson City, NV 89703

Date:

12/9/2004

Client:

RSC-937

Taken by:

R. Eppard

PO #:

Sample ID:	Cus	tomer Sample II	O	Date Sam	-	-	Received
\$200412-0215		S 1		12/6/20 Reporting	04 2:00 P	'M 12/7 Date	7/2004 Data
Parameter	Method	Result	Units	Limit	Analyst	Analyzed	Flag
Mercury - AA Cold Vapor	EPA 245.5	0.69	mg/Kg	0.09	Layman	12/8/2004	Л
Sample ID:	Cust	omer Sample II	)	Date Sam	pled Time San	npled Date F	Received
5779412-0216		S 2		12/6/200	04 2:07 P	M 12/7	/2004
Parameter	Method	Method Result Units		Reporting Limit	Analyst	Date Analyzed	Data Flag
`Iercury - AA Cold Vapor	EPA 245.5	4.0	mg/Kg	0.5	Layman	12/8/2004	JI
Sample ID:	Cust	omer Sample II	•	Date Sam	pled Time San	ipled Date R	Leceived
200412-0217	,	S 3		12/6/200	•	•	/2004
Parameter	Method Result		Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
fercury - AA Cold Vapor	EPA 245.5	0.08	mg/Kg	0.05	Layman	12/8/2004	JI
,		~ . v-		<b>.</b>			. ,
ample ID:	Custo	omer Sample ID		Date Samp		-	
\$200412-0218		S 4		12/6/200	4 2:27 PM		/2004
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
VICTURY - AA Cold Vapor	EPA 245.5 0.23 mg			0.05	Layman	12/8/2004	Jl

Sierra Environmental Monitoring, Inc.

Resource Concepts
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Carson City, NV 89703

Date:

12/9/2004

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RSC-937

Taken by:

R. Eppard

PO #:

1							
Sample ID:	Cust	tomer Sample ID		Date Samp			Received
S200412-0219		S 5		12/6/200	4 2:42 PM	1 12/7	/2004
Parameter			Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Layman	12/8/2004	Л
Sample ID:	Cust	omer Sample ID		Date Samp	oled Time Sam	pled Date R	Leceived
7412-0220		S 6		12/6/2004	4 2:51 PM	12/7	/2004
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Aercury - AA Cold Vapor	EPA 245.5 0.08		mg/Kg	0.05	Layman	12/8/2004	Ŋ
Sample ID:	Custo	omer Sample ID		Date Samp			
Sample ID: 200412-0221	Cust	omer Sample ID S 7		Date Sampi 12/6/2004	•	12/7/	/2004
•	Custo Method	•	Units	_	•		leceived /2004 Data Flag
200412-0221		87	Units mg/Kg	12/6/2004 Reporting	3:00 PM	12/7/ Date	/2004 <b>Data</b>
200412-0221  Parameter	Method EPA 245.5	S 7  Result		12/6/2004 Reporting Limit	4 3:00 PM  Analyst  Layman	Date Analyzed 12/8/2004	/2004 Data Flag
Parameter  1ercury - AA Cold Vapor	Method EPA 245.5	S 7  Result  0.69		12/6/2004 Reporting Limit 0.05	Analyst Layman  led Time Samp	Date Analyzed 12/8/2004	/2004 Data Flag Jl
Parameter 1ercury - AA Cold Vapor ample ID:	Method EPA 245.5	S 7  Result 0.69  omer Sample ID		Reporting Limit 0.05	Analyst Layman  led Time Samp	Date Analyzed 12/8/2004	Data Flag Jl



Resource Concepts
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340 N. Minnesota Street
Carson City, NV 89703

Date:

12/9/2004

Client:

RSC-937

Taken by:

R. Eppard

PO #:

Sample ID:	Cust	tomer Sample L	D	Date Sam	pled Time Sa	mpled Date	ed Date Received	
S200412-0223		S 9		12/6/20	04 3:20 1	PM 12/	7/2004	
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag	
Mercury - AA Cold Vapor	EPA 245.5	0.69	mg/Kg	0,05	Layman	12/8/2004	11	
Sample ID:	Cust	omer Sample II	)	Date Sam	pled Time San	mpled Date l	Received	
5000412-0224		S 10		12/6/200	04 3:25 F	PM 12/2	7/2004	
Parameter	Method	Units	Reporting Limit	Analyst .	Date Analyzed	Data Flag		
Mercury - AA Cold Vapor	EPA 245.5 0.62		mg/Kg	0.05	Layman	12/8/2004	Л	
Sample ID:	Custo	omer Sample II	)	Date Sam	pled Time Sar	mpled Date I	Received	
Sample ID: :200412-0225	Custo	omer Sample II S 11	)	<b>Date Sam</b> 12/6/200	•	-	Received 1/2004	
Sample ID: :200412-0225 Parameter	Custo Method	_	Units	•	•	-		
200412-0225		S 11		12/6/200 Reporting	3:32 P	PM 12/7 Date	7/2004 Data	
200412-0225  Parameter	Method EPA 245.5	S 11  Result	Units mg/Kg	12/6/200 Reporting Limit	Analyst Layman	Date Analyzed 12/8/2004	/2004 Data Flag	
Parameter  1ercury - AA Cold Vapor  ample ID:	Method EPA 245.5	S 11  Result  0.62	Units mg/Kg	12/6/200 Reporting Limit	Analyst Layman  bled Time San	Date Analyzed 12/8/2004  npled Date F	Data Flag Jl	
Parameter  [ercury - AA Cold Vapor	Method EPA 245.5	S 11  Result  0.62  omer Sample ID	Units mg/Kg	12/6/200 Reporting Limit -0.05	Analyst Layman  bled Time San	Date Analyzed 12/8/2004  npled Date F	Data Flag Jl	

Sierra Environmental Monitoring, Inc.

Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703

Date:

12/9/2004

Client: Taken by: RSC-937 R. Eppard

PO #:

Sample ID:	Cus	tomer Sample I	D	Date San	ipled Time Sa	mnled Date)	Received	
S200412-0227	Cas	\$ 13		12/6/20	•	-	7/2004	
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag	
Mercury - AA Cold Vapor	EPA 245.5	0.15	mg/Kg	0.05	Layman	12/8/2004	Jl	
Sample ID:	Cus	tomer Sample II	)	Date Sam	pled Time Sar	mpled Date I	Received	
5200412-0228		S 14		12/6/20	04 3:54 F	PM 12/7	12/7/2004	
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag	
Mercury - AA Cold Vapor	EPA 245.5	1.8	mg/Kg	0.1	Layman	12/8/2004	Л	
Sample ID: 3200412-0229	Cust	omer Sample II S 15	)	Date Sam 12/6/200	•	-	Received	
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag	
Acroury - AA Cold Vapor	EPA 245.5	2.5	mg/Kg	0.2	Layman	12/8/2004	JI	
ample ID:	Cust	omer Sample ID		Date Samp	•	-	leceived	
L200412-0230		S 16		12/6/200	4:10 P		/2004	
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag	
.lercury - AA Cold Vapor	EPA 245.5	0.59	mg/Kg	0.05	Layman	12/8/2004	ול	



Resource Concepts
Attn: Robin Eppard
340 N. Minnesota Street
Carson City, NV 89703

Date:

12/9/2004

Client:

RSC-937

Taken by:

R. Eppard

PO #:

Sample ID:	Cus	tomer Sample ID		Date Samp	oled Time Samp	led Date F	Received
S200412-0231		S 17		12/6/200	4 4:15 PM	12/7	/2004
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Dat: Fla
Mercury - AA Cold Vapor	EPA 245.5	1.7	mg/Kg	0.1	Layman	12/8/2004	JI
Sample ID:	Cust	omer Sample ID		Date Samp	led Time Samp	led Date R	Leceive
7~^0412-0232		S 18		12/6/2004	•		/2004
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
'Aercury - AA Cold Vapor	EPA 245.5 0.89		mg/Kg	0.05	Layman	12/8/2004	Л
Sample ID: 200412-0233 Parameter	Method	S 19A Result	Units	Date Samp 12/6/2004 Reporting Limit	_		/2004 Data Flag
fercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0,05	Layman	12/8/2004	)[
ample ID; 5200412-0234		omer Sample ID		Date Sampl 12/6/2004	-	ed Date R 12/7/	
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
	EPA 245.5	0.25	mg/Kg	0.05	Layman	12/8/2004	



Resource Concepts
Attn: Robin Eppard
340 N. Minnesota Street
Carson City, NV 89703

Date:

12/9/2004

Client:

RSC-937

Taken by:

R. Eppard

PO #: .

#### Quality Control Report

Parameter		LCS, % Recovery	MS, % Recovery	MSD, % Recovery	RPD, %	Method Blank
Mercury - AA Col	d Vapor	102.0	107.0	253.0	81.29	<0.05 mg/Kg
MSD	Hg - MSD faile	ed due to sample inho	omogeneity, see M	S recovery.		
		y Control Standard Proent Difference	i MS-Ma	trix Spike	MSD- Matrix S	pike Duplicate

# SIERRA IVIRONMENTAL MONITORING, INC. 1135 FINANCIAL BOULEVARD - RENO - NEVADA - 89502

Degrees C

CHAIN OF CUSTODY RECORD
Page 1 of 3

PHONE: (77	5) 857 - 2400	) FAX: (7	75) 857 -	2404	E-Mail sen	t@sem-analyl	ical.com								_			J_ '	· •		i
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	*KEY: Sample Type: 1=Drinking Water,							king Water, 2=8	Burfac	e Wate	ır, 3=G	round	Water	r, 4=W	aste V	/ater, 5≃	Soil, 6=RC	RA, 7=01	ther	U.	2/01

Preservative: 1=NaOH, 2=NaOH + ZnOAC, 3=HNO3, 4=H2SO4, 5=Na2S2O3, 6=None, 7=Other

#### SIERRA VIRONMENTAL MONITORING, INC. 1135 FINANCIAL BOULEVARD - RENO - NEVADA - 89502

#### CHAIN OF CUSTODY RECORD

Page 2 of 3

PHONE: (775) 857 - 2400 FAX: (775) 857 - 2404 E-Mail sem@sem-analytical.com																rage	2 4	0+ >					
Client Name			pts, 1			P	orchase Orde				A	nalys	es R	equest	ed			Tum	around	Time		Complia Monito	
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						•	2=Surface Water, 3=Ground Water, 4=Waste Water, 5=Soil, 6=RCRA, 7=Other + ZnOAC, 3=HNO3, 4=H2SO4, 5=Na2S2O3, 6=None, 7=Other																

SIERRA VIRONMENTAL MONITORING, INC. CHAIN OF CUSTODY RECORD 1135 FINANCIAL BOULEVARD - RENO - NEVADA - 89502 Page 3 of 3 PHONE: (775) 857 - 2400 FAX: (775) 857 - 2404 E-Mail sem@sem-analytical.com Analyses Requested Compliance Turnaround Time Purchase Order Client Name 04248.3 Monitoring Kesaurce Correct Yes: Phone/Fax # Standard: Other: Address Heroun Number of Containers No: Rush: 24 Hr 48 Hr X Lab Use Only Robin Sub-Sample Preservative\* Remarks Sample Date Time рΉ See Key Below Type \* <2 >12 Sampled Sampled 919A 6 6 Decot 1628 519B 1628 (റ Company Time Print Name Date Signature Relinguished By: 1632 Received By: 1632 Relinguished By: 9:00 Received By: Relinquished By: Received By Laboratory 9:00 Ap 7,2004 Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be Sustoby Seal Intact returned to client or disposed of at client expense. The analytical results associated with this COC apply only to the samples as None iX they are received by the laboratory. The liability of the laboratory is limited to the amount paid for the report. SEM COC

Sample Type: 1=Drinking Water, 2=Surface Water, 3=Ground Water, 4=Waste Water, 5=Soil, 6=RCRA, 7=Other

Preservative: 1=NaOH, 2=NaOH + ZnOAC, 3=HNO3, 4=H2SO4, 5=Na2S2O3, 6=None, 7=Other

Terms: Net thirty days on approved credit

\* KEY:

Form Revised

02/01

; ; ;

Sample Temperature

Dagrees C



Resource Concepts
Attn: Robin Eppard
340 N. Minnesota Street
Carson City, NV 89703

Date:

1/28/2005

Client: Taken by: RSC-937

PO #:

R. Eppard 04248.2

#### Dear Robin Eppard,

It is the policy of Sierra Environmental Monitoring, Inc to strictly adhere to a comprehensive Quality Assurance Plan that insures the data presented in this report are both accurate and precise. Sierra Environmental Monitoring, Inc. maintains accreditation in the State of Nevada (NV-15) and the State of California (ELAP 2526).

The data presented in this report were obtained from the analysis of samples received under a chain of custody. Unless otherwise noted below, samples were received in good condition, properly preserved and within the hold time for the requested analyses. Any anomalies associated with the analysis of the samples have been flagged with appropriate explanation in the Analysis Report section of this Laboratory Report.

#### General Comments:

- There are no general comments for this report.

#### **Individual Sample Comments:**

- S200501-1198 Hg Results reported on an as-received dry weight basis.
- S200501-1199 Hg Results reported on an as-received wet weight basis.
- S200501-1200 Hg Results reported on an as-received wet weight basis.
- S200501-1201 Hg Results reported on an as-received dry weight basis.
- S200501-1202 Hg Results reported on an as-received damp weight basis.

Approved By:

Date:

1/28/2005

Sierra Environmental Monitoring, Inc.

This report is applicable only to the sample received by the laboratory. The liability of the laboratory is limited to the amount paid for this report. This report is for the exclusive use of the client to whom it is addressed and upon the condition that the client assumes all liability for the further distribution of the report or its contents.



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date:

1/28/2005

Client:

RSC-937

Taken by:

R. Eppard

PO #:

04248.2

Sample ID:	Cust	omer Sample ID	•	Date Samj	oled Time San	npled Date F	Received
S200501-1198		RCI-10		1/27/200	2:47 P	M 1/28	/2005
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.09	mg/Kg	0.05	Layman	1/28/2005	
Sample ID:	Cust	omer Sample ID	)	Date Sam	oled Time San	apled Date F	Received
S200501-1199		RCI-11		1/27/200	3:05 P	M 1/28	/2005
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.13	mg/Kg	0.05	Layman	1/28/2005	
Sample ID:	Cust	omer Sample ID	)	Date Sam	oled Time San	npled Date F	Received
S200501-1200		RCI-12		1/27/200	5 3:17 P	M 1/28	/2005
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.30	mg/Kg	0.05	Layman	1/28/2005	
Sample ID:	Cust	omer Sample ID	)	Date Samp	oled Time San	npled Date F	Received
S200501-1201		RCI-14		1/27/200	5 3:42 P	M 1/28	3/2005
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Layman	1/28/2005	



Resource Concepts
Attn: Robin Eppard
340 N. Minnesota Street
Carson City, NV 89703

Date:

1/28/2005

Client:

RSC-937

Taken by:

R. Eppard

**PO** #:

04248.2

# Analysis Report

Sample ID: S200501-1202	Custo	omer Sample II RCI-15	)	Date Sam 1/27/20	•	•	Date Received	
Parameter	Method	Result	Units	Reporting Limit	Analyst	Dat Analy	_	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Layman	1/28/2	005	

Data Flag Legend:



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date:

1/28/2005

Client:

RSC-937

Taken by:

R. Eppard

PO #:

04248.2

### Quality Control Report

Parameter	LCS, % Recovery	MS, % Recovery	MSD, % Recovery	RPD, %	Method Blank
Mercury - AA Cold Vapo	r 102.0	87.0	91.0	4.01	<0.05 mg/Kg
	aboratory Control Standard elative Percent Difference	MS- Ma	trix Spike	MSD- Matrix S	pike Duplicate

#### SIERRA ENVIRONMENTAL MONITORING, INC. 1135 FINANCIAL BOULEVARD - RENO - NEVADA - 89502

\* KEY:

66693

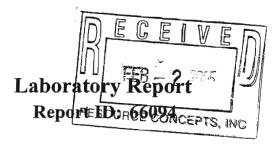
#### **CHAIN OF CUSTODY RECORD**

02/01

PHONE: (775) 857 - 2400 FAX: (775) 857 - 2404 E-	Mail sem@sem-analytical.com													
Client Name	Purchase Or					Analy	/ses F	Reque	sted		Turnaround	Time		liance toring
Resource Concepts, Inc		0,	ł	H-\						_	0111	Other		es:
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Yes No/ None retur	ned to client or disposed of at o											es as	CEN	000
	are received by the laboratory. s: Net thirty days on approved		the la	iboratoi	ry is li	mited t	o the a	amou	nt paid foi	the rep	ort.		11	COC Revised

Sample Type: 1=Drinking Water, 2=Surface Water, 3=Ground Water, 4=Waste Water, 5=Soil, 6=RCRA, 7=Other

Preservative: 1=NaOH, 2=NaOH + ZnOAC, 3=HNO3, 4=H2SO4, 5=Na2S2O3, 6=None, 7=Other



Sierra Environmental Monitoring, Inc.

Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703

Date:

2/1/2005

Client:

RSC-937

Taken by:

R. Eppard

PO #:

04248.2

#### Dear Robin Eppard,

It is the policy of Sierra Environmental Monitoring, Inc to strictly adhere to a comprehensive Quality Assurance Plan that insures the data presented in this report are both accurate and precise. Sierra Environmental Monitoring, Inc. maintains accreditation in the State of Nevada (NV-15) and the State of California (ELAP 2526).

The data presented in this report were obtained from the analysis of samples received under a chain of custody. Unless otherwise noted below, samples were received in good condition, properly preserved and within the hold time for the requested analyses. Any anomalies associated with the analysis of the samples have been flagged with appropriate explanation in the Analysis Report section of this Laboratory Report.

#### General Comments:

- There are no general comments for this report.

#### Individual Sample Comments:

- S200501-1203 Hg Results reported on an as-received damp weight basis.
- S200501-1204 Hg Results reported on an as-received damp weight basis.
- S200501-1205 Hg Results reported on an as-received damp weight basis.
- S200501-1206 Hg Results reported on an as-received damp weight basis.
- S200501-1207 Hg Results reported on an as-received damp weight basis.
- S200501-1208 Hg Results reported on an as-received damp weight basis.
- S200501-1209 Hg Results reported on an as-received damp weight basis.
- S200501-1210 Hg Results reported on an as-received damp weight basis.
- S200501-1211 Hg Results reported on an as-received damp weight basis.

Approved By:

Date:

2/1/2005

Sierra Environmental Monitoring, Inc.

This report is applicable only to the sample received by the laboratory. The liability of the laboratory is limited to the amount paid for this report. This report is for the exclusive use of the client to whom it is addressed and upon the condition that the client assumes all liability for the further distribution of the report or its contents.



Resource Concepts
Attn: Robin Eppard
340 N. Minnesota Street
Carson City, NV 89703

Sample ID:

Date:

2/1/2005

Client:

RSC-937

Taken by:

**Date Sampled** 

R. Eppard

Time Sampled Date Received

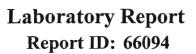
PO #:

04248.2

### Analysis Report

Customer Sample ID

S200501-1203		RCI-1		1/27/200	05 1:05 P	M 1/28	/2005
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	16	mg/Kg	2	Li	1/31/2005	С
Sample ID:	Custo	omer Sample ID	•	Date Sam	pled Time San	npled Date R	eceived
S200501-1204		RCI-2		1/27/200	_	~	/2005
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.38	mg/Kg	0.05	Li	1/31/2005	С
Sample ID: S200501-1205	Custo	omer Sample ID RCI-3	•	Date Samp 1/27/200	•	-	eceived /2005
-	Custo Method		Units	•		-	
S200501-1205		RCI-3		1/27/200 Reporting	05 1:27 P	M 1/28.  Date	/2005 <b>Data</b>
S200501-1205  Parameter	Method EPA 245.5	RCI-3 Result	Units mg/Kg	1/27/200 Reporting Limit	Analyst Li	Date Analyzed 1/31/2005	/2005 Data Flag
S200501-1205  Parameter  Mercury - AA Cold Vapor	Method EPA 245.5	RCI-3  Result  0.15	Units mg/Kg	1/27/200 Reporting Limit 0.05	Analyst Li pled Time San	Date Analyzed 1/31/2005	/2005 Data Flag C
S200501-1205  Parameter  Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	RCI-3  Result  0.15  Dimer Sample ID	Units mg/Kg	1/27/200 Reporting Limit 0.05  Date Sam	Analyst Li pled Time San	Date Analyzed 1/31/2005	/2005 Data Flag C





Resource Concepts
Attn: Robin Eppard
340 N. Minnesota Street
Carson City, NV 89703

Date:

2/1/2005

Client:

RSC-937

Taken by:

R. Eppard

PO #:

04248.2

Sample ID:	Customer Sample ID		Date Sam	pled Time San	apled Date R	d Date Received	
S200501-1207		RCI-5		1/27/20	05 1:47 P	M 1/28	/2005
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.20	mg/Kg	0.05	Li	1/31/2005	С
Sample ID:	Custo	omer Sample ID		Date Sam	•	-	Received
S200501-1208		RCI-6		1/27/20	05 1:55 P		/2005
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.81	mg/Kg	0.05	Li	1/31/2005	С
Melculy - AA Cold vapor							
Sample ID: S200501-1209		omer Sample ID RCI-7		<b>Date Sam</b> 1/27/20	•	-	Received /2005
Sample ID:		-	Units		-	-	
Sample ID: S200501-1209	Custo	RCI-7		1/27/20 Reporting	05 1:58 P	M 1/28 <b>Date</b>	/2005 <b>Data</b>
Sample ID: S200501-1209 Parameter	Method EPA 245.5	RCI-7	Units mg/Kg	1/27/20 Reporting Limit	Analyst Li	M 1/28  Date Analyzed  1/31/2005	/2005 Data Flag
Sample ID: S200501-1209  Parameter  Mercury - AA Cold Vapor	Method EPA 245.5	RCI-7  Result	Units mg/Kg	1/27/200 Reporting Limit	Analyst Li  pled Time Sam	Date Analyzed 1/31/2005  npled Date R	/2005 Data Flag
Sample ID: S200501-1209  Parameter  Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	RCI-7  Result  18  omer Sample ID	Units mg/Kg	Reporting Limit  2  Date Sam	Analyst Li  pled Time Sam	Date Analyzed 1/31/2005  npled Date R	/2005 Data Flag C



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date:

2/1/2005

Client:

RSC-937

Taken by:

R. Eppard

PO #:

04248.2

### Analysis Report

Sample ID: S200501-1211

Customer Sample ID

Date Sampled

Time Sampled Date Received

RCI-9

1/27/2005

2:35 PM

1/28/2005

	Reporting					Date	Data
Parameter	Method	Result	Units	Limit	Analyst	Analyzed	Flag
Mercury - AA Cold Vapor	EPA 245.5	0.12	mg/Kg	0.05	Li	1/31/2005	C

Data Flag Legend:

C - Sample concentration is at least 5 times greater than spike contribution. Spike recovery criteria do not apply.



Resource Concepts
Attn: Robin Eppard
340 N. Minnesota Street
Carson City, NV 89703

Date:

2/1/2005

Client:

RSC-937

Taken by:

R. Eppard

PO #:

04248.2

### Quality Control Report

Parameter	LCS, % Recovery	MS, % Recovery	MSD, % Recovery	RPD, %	Method Blank
Mercury - AA Cold Vapor	104.0	-400.0	-200.0	-66.67	<0.05 mg/Kg
, 0	tory Control Standard Percent Difference	MS- Ma	trix Spike	MSD- Matrix S	pike Duplicate

66094

#### **CHAIN OF CUSTODY RECORD**

PHONE: (7	75) 857 - 240	0 FAX: (	775) 857 - 2404 E-	Mail sen	n@sem-analytical.com								MA. 11.15			1			
Client Name	DURCE	Con	UCEPB, 1	NC	Purchase Ord					Anal	/ses F	Reque	sted			Turnaroun	d Time		oliance itoring
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City	MCITY	State	Zip Repo	ort Attenti	ion: A. Eppard		Containers	mera								Rus 24 Hr			No:
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	1347	5	RCI-S			6	1	V				_	"	$\perp$					
	1355	5	RCI-6			<u>b</u>	1	V		_	_			_	$\perp$				$\vdash$
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Yes	No	None/_	_		client or disposed of at cl	•		•								•	les as	SEM	coc

Sample Temperature

they are received by the laboratory. The liability of the laboratory is limited to the amount paid for the report.

Terms: Net thirty days on approved credit.

Sample Type: 1=Drinking Water, 2=Surface Water, 3=Ground Water, 4=Waste Water, 5=Soil, 6=RCRA, 7=Other \* KEY: Preservative: 1=NaOH, 2=NaOH + ZnOAC, 3=HNO3, 4=H2SO4, 5=Na2S2O3, 6=None, 7=Other

Form Revised 02/01

## **UNIT 11**

Final Grade Data



### STATE OF NEVADA

Department of Conservation & Natural Resources

Kenny C. Guinn, Governor Allen Biaggi, Director

Leo M. Drozdoff, P.E., Administrator

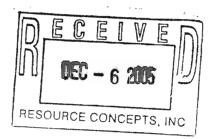
DIVISION OF ENVIRONMENTAL PROTECTION BUREAU OF CORRECTIVE ACTIONS

P: 775.687.9368 F: 775.687.8335

December 2, 2005

Mr. Ed Davis Riverpark Properties, LLC 9856 Business Park Dr., Suite A Sacramento, CA 95827

Reynen & Bardis Development, LLC 1380 Greg St., Suite 230 Sparks, NV 89431



RE: Tentative Map Review of Revised Phase III (Units 11-20) – Riverpark Subdivision, Dayton, NV

Dear Sirs:

The Nevada Division of Environmental Protection (NDEP) received the Revised Tentative Map for Riverpark Subdivision – Units 11-20 on November 22, 2005. The map shows the proposed residential development of 523 single family lots south of US50, east of Dayton, NV.

The Carson River Mercury Site (CRMS) encompasses approximately a 50-mile stretch of the Carson River beginning near Carson City, Nevada and extending downstream through the Lahontan Reservoir to the terminal wetlands in the Carson Desert, and tailings piles associated with the Comstock Lode. In August of 1990 the U.S. Environmental Protection Agency (EPA) added the CRMS to the National Priorities List (NPL) under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), commonly referred to as Superfund. The contaminant of concern is mercury resulting from historic mining and milling practices during the "Comstock Lode". The NDEP has determined that the proposed revised Riverpark Development Phase III – Units 11-20 lie at least partially within the borders of the CRMS (units 18 and 20, particularly, lie within the FEMA 100-yr floodplain).

In December 1994 EPA finalized a Human Health Risk Assessment and Remedial Investigation Report (HHRA/RIR) for the area. A residential clean-up level for total mercury of 80 mg/kg (ppm) was set for the site. This is based on the risk and probability of direct oral ingestion of elemental mercury by a 15 kg child at residential residence times (long term). In soils with less than 80 mg/kg total mercury, no mitigation may be required. As such, the goal of any mitigation of the total mercury hazard (greater than 80 mg/kg) is to prevent direct exposure to contaminated soils. These findings were finalized in the EPA "Record of Decision" dated March 30, 1995.

As stated previously in other Riverpark units map reviews, and based on the aforementioned information, the NDEP offers two options to current and future developments that fall at least partially within the CRMS boundaries. Option A includes statistically representative sampling of the finish grade residential soils in the Riverpark



Revised Phase III Development once major earthwork (greater than a depth of 2 feet) is completed. A sampling plan for finished grade residential soils from depths of 0-2 feet. signed by a Nevada Certified Environmental Manager (CEM), must be submitted and approved by the NDEP - Bureau of Corrective Actions (BCA) prior to any sampling. (The BCA suggests a higher sampling density for Units 18 and 20 than for the other units in revised Phase III). A complete report of all sampling results will be provided to the BCA for review and approval prior to any soil remediation work. Option A also includes a durable notification mechanism, such as a deed restriction, to all current and future landowners and lease-holders of the potential hazard associated with mercury contamination within CRMS boundaries. Another component of the durable notification mechanism is an on-going Soils Management Plan (SMP) that will ensure that no direct exposure to potentially contaminated soils occurs. The SMP and subsequent SMP updates must be submitted to the BCA for approval prior to any ground-disturbing work that will occur at depths of 2 feet or greater. The BCA will be happy to discuss with you other methods of public outreach to supplement the primary durable notification mechanisms.

Option B includes statistically representative sampling of finished grade residential soils to a depth of 8 feet and a requisite sampling plan, signed by a Nevada Certified Environmental Manager (CEM) that must be submitted to and approved by the BCA prior to any sampling. Upon sampling completion a report of all sampling results will be provided to the BCA for review and approval prior to any soil remediation work. A durable notification mechanism and ancillary SMP are not required under Option B.

If you have any questions, or if we can be of further assistance, please do not hesitate to contact me at (775) 687-9385, or Sam Jackson, NDEP–BCA Superfund Supervisor, at (775) 687-9381.

Jer/I Gardner

Environmental Scientist III
Bureau of Corrective Actions

cc:

Robin Eppard, Resource-Concepts, Inc., 340 N. Minnesota St., Carson City, NV 89703

Jacob R. Hildebrand, P.E., TEC Civil Engineering Consultants, 500 Damonte Ranch Parkway, Suite 1056, Reno, NV 89511

Nick Malarchik, Community Development Director, Lyon County Community Development, 27 S. Main St., Yerington, NV 89447

Leroy Goodman, Chairman, Lyon County Board of Commissioners, 27 South Main St, Yerington, NV 89447

Wayne Praskins, Superfund Project Manager, USEPA -Region 9, 75 Hawthorne St., San Francisco, CA 94105

Samuel Jackson, Brownfields Supervisor, NDEP -Bureau of Corrective Actions (electronic copy

Cliff Lawson, NDEP -Bureau of Water Pollution Control

February 21, 2006

Mr. Jeryl Gardner, ES III Bureau of Corrective Actions Nevada Division of Environmental Protection 901 South Stewart Street, Suite 3001 Carson City, Nevada 89701

SUBJECT: Request for approval for sampling and analysis plan for Units 11 and 12,

Riverpark Subdivision, Dayton, Nevada.

Dear Mr. Gardner:

Resource Concepts, Inc. (RCI) has been engaged by Lennar Communities, current owner of Units 11 and 12 of Riverpark Subdivision (Figure A), to conduct sampling of soils consistent with Option A as described in your letters of June 2, 2005 and July 12, 2005. Lennar Communities has agreed to develop Units 11 and 12 consistent with Option A criteria as developed by Reynen & Bardis for Riverpark. In return, Reynen & Bardis has agreed to share the "Reynen & Bardis Riverpark Subdivision, Dayton, Nevada, Unit 8 Sampling and Analysis Plan, Mercury in Soils at Final Grade" report dated December 2004 (December 2004 SAP) with Lennar for use in satisfying part of the requirements of Option A.

RCI has previously discussed incorporating the December 2004 SAP by reference in securing approval from NDEP for sampling other units within the Riverpark Subdivision. This idea has received verbal approval from your office. Therefore, sample protocol for Units 11 and 12 will be consistent with the December 2004 SAP by reference. Actual sample grids for Units 11 and 12, including sample QA/QC collection points, are attached for your review.

Samples will be submitted to Sierra Environmental Monitoring (Reno, Nevada) for total mercury analysis using EPA Test Method 245.5. Analytical data will be summarized in table format, and added to the existing database for the Riverpark Subdivision and surrounding areas, and evaluated using Surfer<sup>TM</sup> Software. A report of findings will be provided to NDEP for review. Upon your concurrence with the findings, this information will be included in the Riverpark Subdivision, Dayton, Nevada, Reference Document, copies of which will be held at NDEP Bureau of Corrective Actions (Carson City, Nevada) and the Lyon County Assessors

2006-02-21 ltr GardnerJeryl 05317.1 Lennar re-mt-jm Log 2-74.doc

Mr. Jeryl Gardner, ES III February 21, 2006 Page 2

Office (Yerington, Nevada). As a chapter in the Reference Document, Units 11 and 12 will have satisfied the durable notification requirement under Option A.

In order to maintain site development schedules, RCI would appreciate a response to this request by February 27, 2006 so that sampling may begin on March 1, 2006. Please do not hesitate to contact me should you wish to discuss any aspect of this project in further detail.

#### LCB File No. R016-96

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 regulations and ordinances.

SAP for Sampling Total Mercury in Soils within the CRMS

W. Mans Tekecer / for
Robin Anne Eppard

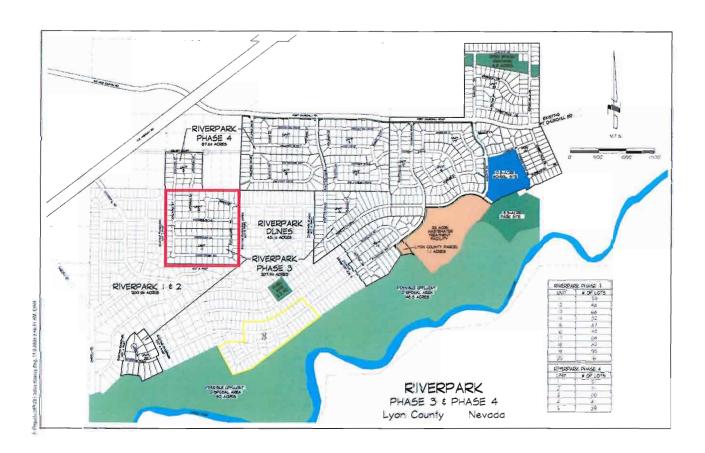
Certified Environmental Manager (#1427)

Expires: March 8, 2007

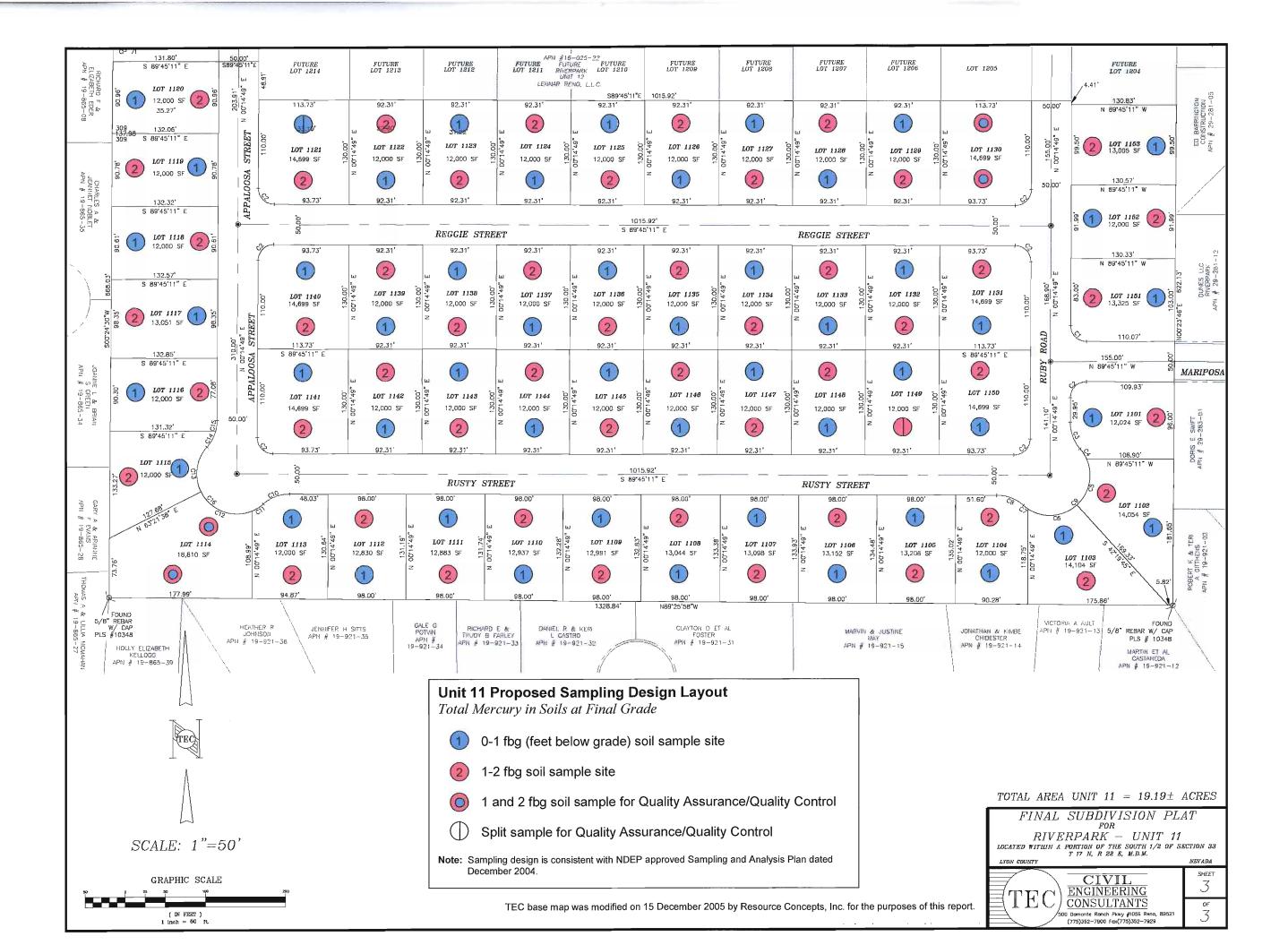
Attachments

cc: Ed Davis, Reynen & Bardis

John Griffin, Esq.



Units 11 and 12 are encircled in red. Previously sampled Units are encircled in yellow.





### STATE OF NEVADA

Department of Conservation & Natural Resources

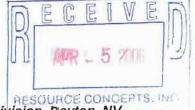
Kenny C. Guinn, Governor Allen Biaggi, Director

Leo M. Drozdoff, P.E., Administrator

## DIVISION OF ENVIRONMENTAL PROTECTION BUREAU OF CORRECTIVE ACTIONS

P: 775.687.9368 F: 775.687.8335 March 31, 2006

Ms. Robin Anne Eppard, CEM Resource Concepts, Inc. 340 N. Minnesota St., Suite 230 Carson City, NV 89703



RE: Sampling and Analysis Plan for Units 11 & 12 - Riverpark Subdivision, Dayton, NV

Dear Ms. Eppard:

On February 22, 2006, the Nevada Division of Environmental Protection (NDEP) received the 'Request for Approval for sampling and analysis plan for Units 11 and 12, Riverpark Subdivision, Dayton, NV' prepared by Resource Concepts, Inc (RCI) for Lennar Communities, LLC. This request referred to a previously NDEP-approved sampling plan, submitted on January 26, 2005 for Reynen and Bardis' Riverpark Unit 8. The referred-to plan addresses the NDEP's soil sampling requirements outlined in two letters dated June 2 and July 12, 2005 for Units 11 and 12, respectively. Developers and sub-developers of residential areas within the Carson River Mercury Superfund area are required to demonstrate that a minimum of 2 ft of clean fill (<80 mg/Kg total mercury) exists throughout the development at final grade.

The NDEP has reviewed the plan and concurs with the sampling approach outlined by RCI. If all analyzed soil samples indicate less than 80 mg/Kg total mercury and the properties in Units 11 and 12 are accompanied by the institutional controls outlined in the letters dated June 2 and July 12, 2005, the NDEP will concur that Lennar has demonstrated that the finish-grade soils in Units 11 and 12 of Riverpark Subdivision do not pose a threat to human health. In the sampling plan approval request it was also stated that a "report of findings" will be provided to NDEP and upon NDEP approval of the report it would be included in a comprehensive "Reference Document" to be stored at NDEP. To date NDEP has not received any sampling results from Riverpark subdivision; NDEP anticipates delivery of this report and previous sampling results in the near future, before approval of future sampling plans. The long-term institutional controls (durable notice mechanism) mentioned in this sampling plan approval request apply to Lennar and residents of Riverpark subdivision are also discussed in a draft environmental covenant prepared by John W. Griffin of Crowell, Susich, Tackes & Griffin, Ltd. NDEP concurs with the overall intent of the draft environmental covenant and looks forward to a final version that will be protective of all future property owners in Riverpark subdivision.

If you have any further questions, or if I can be of further assistance, please do not hesitate to contact me at (775) 687-9385.

Sincerely

Jew Gardner

**Environmental Scientist III** 

Superfund and Abandoned Mine Lands Programs

Bureau of Corrective Actions

cc: John Griffin, Esq., 510 W. Fourth St., Carson City, 89702 Ed Davis, Reynen & Bardis, 1380 Greg St., Suite 230, Sparks, NV 89431 Nick Malarchik, Community Development Director, Lyon County Community Development, 27 S. Main St., Yerington, NV 89447 Chairman, Lyon County Board of Commissioners, 27 South Main St, Yerington, NV 89447

Wayne Praskins, Superfund Project Manager, USEPA-Region 9, 75 Hawthorne St., San Francisco, CA 94105

Sam Jackson, Supervisor, NDEP-Superfund Branch (electronic copy only)





## Option A Report – Unit 11

## Scope of Work

A total of 110 samples from 53 lots were collected from Unit 11 between March 1 and March 6, 2006. Sample collection was consistent with the NDEP-approved SAP dated December 2004. A copy of the approved SAP is included in a separate section of this reference document.

## Methodology

Each lot was sampled at two locations, one in the front yard and one in the back yard. One of the samples represented soils from 0-1 foot below grade (fbg), and the other represented soils from 1-2fbg.

Quality control/quality assurance samples were collected as follows:

- Lots 1114 and 1130 were sampled at both the 0-1 and 1-2fbg levels, from both the front and back yards; and
- The analytical laboratory randomly picked one sample (1152 at 0-1fbg) to split and run as a duplicate.

Sampling equipment was decontaminated between sample locations. Soil from the designated depth at each location was placed in a clean plastic bag and mixed. A subsample was then collected and placed in a clean ziploc baggie for transport to the analytical laboratory. Samples were analyzed for total mercury using EPA Test Method 245.5 (laboratory reports enclosed). The reporting limit was set at 0.05mg/Kg, which is well below the U.S. EPA regulatory limit of 80mg/Kg for residential land use.

A visual survey of the sample holes and surrounding areas was conducted during the sampling effort. Special attention was paid to soils appearing pale yellow in color, as this color can be an indication of the presence of tailings.

Sampling locations were surveyed in the field using a Trimble 5800 survey-grade GPS receiver tied into centerline monuments.

## Resampling

Highly expansive clay soils were found on lots at Units 11 and 12. This discovery resulted in overexcavation of 23 affected lots at Unit 11 and placement of new structural fill on those lots. RCI re-established the original sampling locations and resampled the soils on these lots (between August 22 and August 25, 2006) in accordance with all previously approved sampling plans and protocols. Included in this section are the original data table (Table 11-A) and the figure (Figure 11-A) presenting the original sampling results with cross-hatching to indicate the affected lots, and a revised data table (Table 11-A Revised) and figure (Figure 11-A Revised) that reflects mercury levels after overexcavation and fill replacement.

#### Results

The analytical data (Table 11-A Revised) indicate that the minimum concentration of mercury in soils at both the 0-1 and 1-2fbg levels was below the detection limit of 0.05mg/Kg. For statistical purposes, these data are entered as ½ that value, or 0.025mg/Kg. The maximum concentration of mercury was 1.50mg/Kg in soils from the 0-1fbg level, and 0.31 for soils from the 1-2fbg level. The average value for mercury from the 0-1fbg level was 0.12mg/Kg, and 0.07mg/Kg from the 1-2fbg level. Finally, the median value for all soil samples from the 0-1fbg level was 0.08mg/Kg, and 0.05mg/Kg from the 1-2fbg level. All samples collected from Unit 11 are well below the regulatory limit of 80mg/Kg.

A pictorial representation of the analytical data using Surfer™ Software is presented in Figure 11-A Revised. Figure 11-B illustrates a summary of sample collection locations to date. Contour lines for total mercury are not shown because analytical results at or near 80mg/Kg were absent.

Table 11-A **Summary of Unit 11 Testing for Total Mercury in Soils** Riverpark Subdivision, Dayton, Nevada

	(	0-1fbg			1-2f	bg	
Lot Number	Total Mercury (mg/Kg)	Lot Number	Total Mercury (mg/Kg)	Lot Number	Total Mercury (mg/Kg)	Lot Number	Total Mercury (mg/Kg)
1101-1	0.025*	1128-1	0.025	1101-2	0.025*	1128-2	0.025
1102-1	0.08*	1129-1	0.025*	1102-2	0.08*	1129-2	0.025*
1103-1	0.07*	1130-1F	0.025*	1103-2	0.07*	1130-2B	0.025*
1104-1	0.025*	1130-1B	0.025*	1104-2	0.025*	1130-2F	0.06*
1105-1	0.025*	1131-1	0.09*	1105-2	0.07*	1131-2	0.025*
1106-1	0.10*	1132-1	0.025*	1106-2	0.025*	1132-2	0.025*
1107-1	0.025*	1133-1	0.025	1107-2	0.06*	1133-2	0.025
1108-1	0.025*	1134-1	0.025	1108-2	0.025*	1134-2	0.025
1109-1	0.18*	1135-1	0.025	1109-2	0.025*	1135-2	0.14
1110-1	0.025*	1136-1	0.025	1110-2	0.025*	1136-2	0.025
1111-1	0.025	1137-1	0.025	1111-2	0.025	1137-2	0.025
1112-1	0.025	1138-1	0.14	1112-2	0.27	1138-2	0.025
1113-1	0.025	1139-1	0.10	1113-2	0.025	1139-2	0.06
1114-1F	0.025	1140-1	0.12	1114-2F	0.09	1140-2	0.09
1114-1B	0.025	1141-1	0.15	1114-2B	0.025	1141-2	0.31
1115-1	0.09	1142-1	0.06	1115-2	0.025	1142-2	0.025
1116-1	0.17	1143-1	0.06	1116-2	0.08	1143-2	0.05
1117-1	0.17	1144-1	0.14*	1117-2	0.025	1144-2	0.08*
1118-1	0.06	1145-1	0.09*	1118-2	0.025	1145-2	0.025*
1119-1	0.47	1146-1	0.11*	1119-2	0.025	1146-2	0.19*
1120-1	1.50	1147-1	0.14*	1120-2	0.06	1147-2	0.025*
1121-1	0.08	1148-1	0.06*	1121-2	0.025	1148-2	0.06*
1122-1	0.65	1149-1	0.025*	1122-2	0.025	1149-2	0.05*
1123-1	0.07	1150-1	0.025*	1123-2	0.19	1150-2	0.10*
1124-1	0.07	1151-1	0.025*	1124-2	0.025	1151-2	0.09*
1125-1	0.09	1152-1	0.025*	1125-2	0.025	1152-2	0.08*
1126-1	0.025	1152-1DUP	0.025*	1126-2	0.025	1153-2	0.025
1127-1	0.05	1153-1	0.025	1127-2	0.025		
		n=	56			n=	55
	N	linimum value	0.025		Minin	num value	0.025
	M	aximum value	1.5		Maxin	num value	0.31
		Mean value	0.10		M	lean value	0.06
		Median value	0.038		Me	dian value	0.025

- Notes: 1. Values below the 0.05mg/Kg detection limit are reported here as ½ that value.
  - 2. "F" and "B" denote the front and back of those lots where samples were taken at the 1- and 2foot levels at both sample locations for quality control purposes.
  - 3. "DUP" denotes a duplicate sample selected at random by the laboratory to validate sub sample collection accuracy.
  - 4. (\*) indicates original sampling data for lots later overexcavated, regraded with new structural fill, and resampled by RCI. See "Table 11-A Revised" for sampling results that include an analysis of the new fill material.

LOT 1128 LOT 1129 0.025 LOT 1119 0.47 12,000 SF 12,000 SF 12,000 SF 12,000 SF 14,699 SF 12,000 SF 12,000 SF 12,000 SF 12,000 SF 12,000 SF 0.025 0.65 0.19 0.07 0.025 0.025 0.025 0.025 0.025 0.025, 0.06 ARLES A & INET NOBLE 19-865-93.73 92.31 92.31 92.31 92.31 S 89'45'11" E 1015.92' S 89'45'11' LOT 1118 0.025 REGGIE STREET REGGIE STREET 12,000 SF 90.12 90306 V.74 0.9325 0.14 92.31' 93.73' 0.025 0.025 0.035 0.025 S 89'45'11" E LOT 1131 LOT 1138 LOT 1139 LOT 1136 LOT 1132 LOT 1137 LOT 1135 LOT 1134 LOT 1133 LOT 1140 14,699 SF 12,000 SF *LOT 1117* 0.17 12,000 SF 12,000 SF 12,000 SF 12,000 SF 12,000 SF 12,000 SF 0.025 0.09 13.051 SF 0.1 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.09 92.31 132.85 S 89'45'15 S 89'45' 0.025 0.06 0.08 0.09 0.19 0.14 0.06 S 89'45'11" E 0.025 0.1 0.08 \* LOT 1148 LOT 1116 ( LOT 1149 GREEN 19-86 LOT 1150 LOT 1146 LOT 1147 49, LOT 1141 LOT 1143 LOT 1144 LOT 1145 12,000 S 12,000 SF 14,699 SF 14,699 SF 12,000 SF 50.00 0.31 0.06 0.05 0.14 0.025 0.11 0.025 0.06 0.05 0.025 S 89"45"11" E 92.31 92.31 92.31 92.31 93.73 0.09 0.025 LOT 1115 1015.92 12,000 SF S 89'45'11' RUSTY STREET RUSTY STREET CO.025 48.03 51.60 0.025 0.828 0.98 0.025 0.025 0.025 0.025 0.025 0.025 0.09 EVANS \* \* LOT 1109 0.14,49 LOT 1111 LOT 1114 LOT 1112 LOT 1110 LOT 1108 LOT 1107 LOT 1113 LOT 1106 LOT 1105 LOT 1104 12,830 SF 12,883 SF 12,937 SF 12,991 SF 13,044 SF 13,098 SF 13,152 SF 18.810 SF 0.025, 0.025 0.025 0.025 0.025 0.025 0.025 0.025 0.06 0.1 0.07 0.025 94.87 98.00 98.00 98.00 98.00 FOUND 5/8" REBAR W/ CAP PLS #10348 HEATHER R JOHNSON APN # 19-921-36 CLAYTON D ET AL FOSTER JENNIFER H SITTS RICHARD E & TRUDY B FARLEY JONATHAN & KIMBE CHIDESTER APN # 19-921-14 MARVIN & JUSTINE APN # 19-921-35 APN # 19-921-31 APN # 19-921-32 APN # 19-921-15 HOLLY ELIZABETH KELLOGG APN # 19-865-39 Figure 11-A. **Unit 11 Sampling Results** Lots indicated with an asterisk were overexcavated and regraded with structural fill after initial sampling. Total Mercury in Soils at Final Grade Mercury results from resampling on these lots are presented in "Figure 11-A – Revised" of this document. 0 to 1 fbg (feet below grade) soil sample site 1 to 2 fbg soil sample site TOTAL AREA UNIT 11 = 19.19± ACRES 0-1 and 1-2 fbg soil sample site for Quality Assurance/Quality Control Total Mercury concentrations in mg/Kg. LOCATED WITHIN A PORTION OF THE SOUTH 1/2 OF SECTION 33 T 17 N, R 22 E, M.D.M. Levels below the 0.05 mg/Kg detection limit are shown as ½ that value. GRAPHIC SCALE TEC base map was modified on 29 March 2006 by Resource Concepts, Inc. for the purposes of this report. Sample site locations are approximate relative to lot lines in this figure.

LENNAR RENO, L.L.C.

92.31' 0.025

LOT 1124

S89'45'11"E

0.025

LOT 1126

0.09

LOT 1125

92.31

LOT 1127

92 31

0.025

FUTURE LOT 1206

92 31

0.025

LOT 1205

113 73

\* LOT 1130

0.025. 0.025

50,00

50,00

ROAD

141.10°

N 89'45'11'

130.57

N 89'45'11'

0.025 LOT 1152 12,000 SF 0.08

130.33 N 89"45'11" W

13.325 SF

110.07

LOT 1100.025

108.90

N 89'45'11" W

\*

LOT 1102

0.08

PLS # 10348

MARTIN ET AL

CASTANEDA APN # 19-921-12

155.00

N 89'45'11" W

LOT 11510.025 8

MARIPOSA

SWIF 283

29 m

NEVADA

3

025

20.09

€.025

0.08

\*

LOT 1103

0.07

175.86

VICTORIA A AULT FOUND
PN # 19-921-13 5/8 REBAR W/ CAP

FINAL SUBDIVISION PLAT

RIVERPARK - UNIT 11

ENGINEERING

CONSULTANTS

Damonte Ranch Pkwy #1056 Reno, 89521 (775)352-7800 Fax(775)352-7929

LOT 1153 0.025 g

Site plans and community maps are conceptual in nature and are merely an artist's rendition. These maps are solely for illustrative purposes and should never be relied upon. THE PAST, PRESENT, FUTURE OR PROPOSED ROADS, EASEMENTS, LAND USES, CONDITIONS, PLAT MAPS, LOT SIZES OR LAYOUTS, **ZONING, UTILITIES, DRAINAGE,** LAND CONDITIONS, OR **DEVELOPMENT OF ANY TYPE** WHATSOEVER, WHETHER REFLECTED ON THE SITE PLAN OR MAP, OR WHETHER OUTSIDE THE **BOUNDARIES OF THE SITE PLAN** OR MAP, MAY NOT BE SHOWN OR MAY BE INCOMPLETE OR INACCURATE. THE PRESENT, **FUTURE OR PROPOSED ROADS, EASEMENTS, LAND USES, CONDITIONS, PLAT MAPS, LOT** SIZES OR LAYOUTS, ZONING. DRAINAGE, LAND CONDITIONS, OR **DEVELOPMENT OF ANY TYPE MAY** OR MAY NOT CHANGE IN THE **FUTURE. IT IS NOT UNCOMMON** THAT ANY OF THE FOREGOING **CAN CHANGE WITHOUT NOTICE** TO YOU. YOU SHOULD NEVER **RELY ON THE ACCURACY OF THIS** MAP IN MAKING ANY DECISIONS **RELATIVE TO PURCHASING ANY** PROPERTY. We reserve the right to make changes at any time without notice.

LOT 1120

12,000 SF

35.27

132.06

EDEF

203.91

113.73

LOT 1121

92.31' 0.025

LOT 1122

92.31

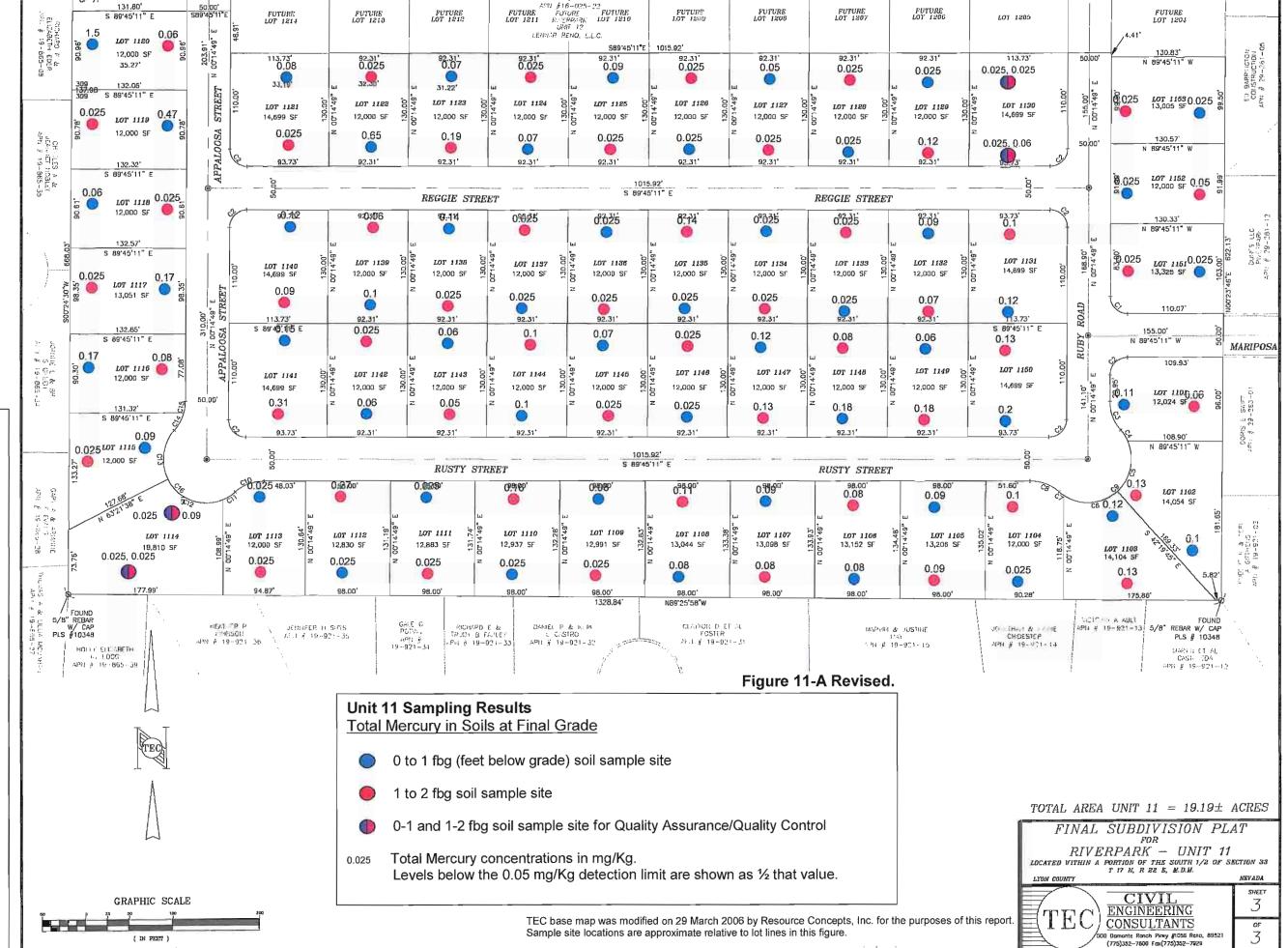
LOT 1123

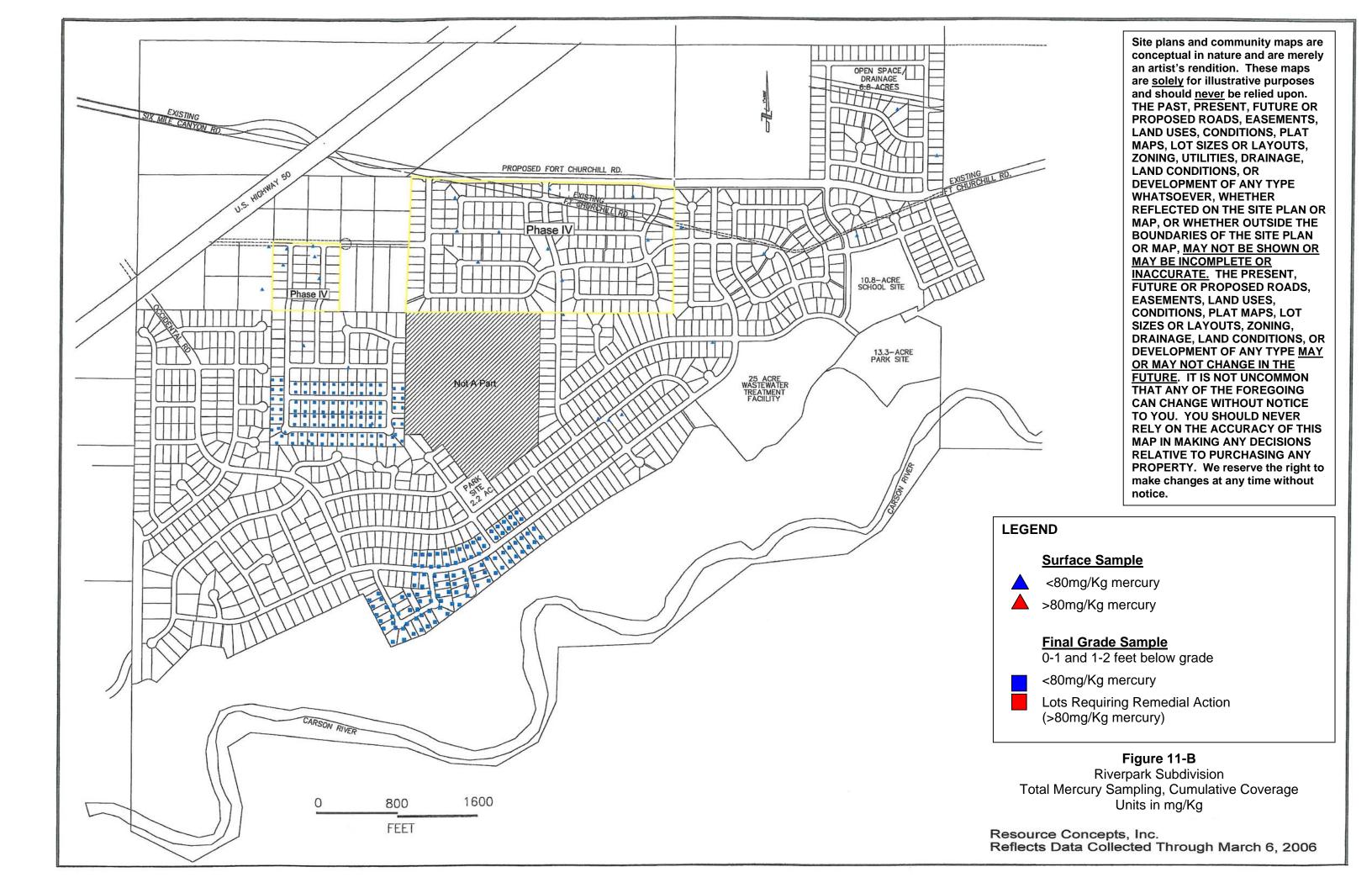
#### Table 11-A Revised **Summary of Unit 11 Testing for Total Mercury in Soils** Riverpark Subdivision, Dayton, Nevada

	0-	·1fbg			1-2f	bg	
Lot Number	Total Mercury (mg/Kg)	Lot Number	Total Mercury (mg/Kg)	Lot Number	Total Mercury (mg/Kg)	Lot Number	Total Mercury (mg/Kg)
1101-1	0.11	1128-1	0.025	1101-2	0.06	1128-2	0.025
1102-1	0.10	1129-1	0.025	1102-2	0.13	1129-2	0.12
1103-1	0.12	1130-1F	0.12	1103-2	0.13	1130-2F	0.13
1104-1	0.025	1130-1B	0.17	1104-2	0.10	1130-2B	0.025
1105-1	0.09	1131-1	0.12	1105-2	0.09	1131-2	0.10
1106-1	0.08	1132-1	0.09	1106-2	0.08	1132-2	0.07
1107-1	0.09	1133-1	0.025	1107-2	0.08	1133-2	0.025
1108-1	0.08	1134-1	0.025	1108-2	0.11	1134-2	0.025
1109-1	0.08	1135-1	0.025	1109-2	0.025	1135-2	0.14
1110-1	0.025	1136-1	0.025	1110-2	0.16	1136-2	0.025
1111-1	0.025	1137-1	0.025	1111-2	0.025	1137-2	0.025
1112-1	0.025	1138-1	0.14	1112-2	0.27	1138-2	0.025
1113-1	0.025	1139-1	0.10	1113-2	0.025	1139-2	0.06
1114-1F	0.025	1140-1	0.12	1114-2F	0.09	1140-2	0.09
1114-1B	0.025	1141-1	0.15	1114-2B	0.025	1141-2	0.31
1115-1	0.09	1142-1	0.06	1115-2	0.025	1142-2	0.025
1116-1	0.17	1143-1	0.06	1116-2	0.08	1143-2	0.05
1117-1	0.17	1144-1	0.10	1117-2	0.025	1144-2	0.10
1118-1	0.06	1145-1	0.07	1118-2	0.025	1145-2	0.025
1119-1	0.47	1146-1	0.025	1119-2	0.025	1146-2	0.025
1120-1	1.50	1147-1	0.12	1120-2	0.06	1147-2	0.13
1121-1	0.08	1148-1	0.18	1121-2	0.025	1148-2	0.08
1122-1	0.65	1149-1	0.06	1122-2	0.025	1149-2	0.18
1123-1	0.07	1150-1	0.20	1123-2	0.19	1150-2	0.13
1124-1	0.07	1151-1	0.025	1124-2	0.025	1151-2	0.025
1125-1	0.09	1152-1	0.025	1125-2	0.025	1152-2	0.05
1126-1	0.025	1153-1	0.025	1126-2	0.025	1153-2	0.025
1127-1	0.05			1127-2	0.025		
		n=	55			n=	55
	Mi	nimum value	0.025		Minin	num value	0.025
	Ma	ximum value	1.50		Maxim	num value	0.31
		Mean value	0.12		M	ean value	0.07
	N	Median value	0.08		Med	dian value	0.05

- Notes: 1. Values below the 0.05mg/Kg detection limit are reported here as ½ that value.
  - 2. "F" and "B" denote the front and back of those lots where samples were taken at the 1- and 2foot levels at both sample locations for quality control purposes.
  - 3. These sample results reflect field conditions following overexcavation of 23 lots at Unit 11. The areas with new structural fill were resampled by RCI according to the approved sampling plan and protocols.

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<b>Analytical</b>	<b>Data</b>	<b>Sheets</b>
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Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703

Date:

3/8/2006

Client:

RSC-937

Taken by:

PO #:

R. Eppard 05317.1

Dear Robin Eppard,

It is the policy of Sierra Environmental Monitoring, Inc to strictly adhere to a comprehensive Quality Assurance Plan that insures the data presented in this report are both accurate and precise. Sierra Environmental Monitoring, Inc. maintains accreditation in the State of Nevada (NV-15) and the State of California (ELAP 2526).

The data presented in this report were obtained from the analysis of samples received under a chain of custody. Unless otherwise noted below, samples were received in good condition, properly preserved and within the hold time for the requested analyses. Any anomalies associated with the analysis of the samples have been flagged with appropriate explanation in the Analysis Report section of this Laboratory Report.

#### General Comments:

- There are no general comments for this report.

#### **Individual Sample Comments:**

- There are no specific comments that are associated with these samples.

Approved By:

Date:

3/8/2006

Sierra Environmental Monitoring, Inc.

This report is applicable only to the sample received by the laboratory. The liability of the laboratory is limited to the amount paid for this report. This report is for the exclusive use of the client to whom it is addressed and upon the condition that the client assumes all liability for the further distribution of the report or its contents.



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date:

3/8/2006

Client:

RSC-937

Taken by:

R. Eppard

**PO** #:

05317.1

Sample ID:	Cust	omer Sample ID	ı	Date Sam	pled Time Sar	npled Date F	Received
S200603-0132		1101-1		3/1/200	06 10:35 A	AM 3/2/	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	< 0.05	mg/Kg	0.05	Kleinworth	3/7/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time San	npled Date F	Received
S200603-0133		1101-2		3/1/200	06 10:45 A	AM 3/2/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/7/2006	
<b>Sample ID:</b> S200603-0134	Cust	omer Sample ID 1102-1		<b>Date Sam</b> 3/1/200	•	_	Received 2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.08	mg/Kg	0.05	Kleinworth	3/7/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time San	npled Date R	Received
S200603-0135		1102-2		3/1/200	06 11:10 A	M = 3/2	2006
_				Reporting		Date	Data
Parameter	Method	Result	Units	Limit	Analyst	Analyzed	Flag



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date:

3/8/2006

Client:

RSC-937

Taken by:

R. Eppard

**PO** #:

05317.1

Sample ID:	Cust	tomer Sample ID		Date Sam	npled Time Sar	npled Date I	Received
S200603-0136		1103-1		3/1/200	06 11:35 A	AM 3/2	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.07	mg/Kg	0.05	Kleinworth	3/7/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	npled Time San	npled Date F	Received
S200603-0137		1103-2		3/1/200	06 11:25 A	AM 3/2	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.07	mg/Kg	0.05	Kleinworth	3/7/2006	
Sample ID: S200603-0138	Cust	omer Sample ID		<b>Date Sam</b> 3/1/200	-	-	Received /2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/7/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	•	-	Received
S200603-0139		1104-2		3/1/200	06 1:10 P	M = 3/2	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
I all affected	Methou	Result	Cinto		1 Hilling 50		



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date:

3/8/2006

Client:

RSC-937

Taken by:

R. Eppard

PO #:

05317.1

Sample ID:	Cust	omer Sample ID		Date San	-	-	Received
S200603-0140		1105-1		3/1/20 <b>Reporting</b>	06 1:20 1	PM 3.  Date	2/2006 <b>Data</b>
Parameter	Method	Result	Units	Limit	Analyst	Analyzeo	Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/7/2006	
Sample ID:	Cust	omer Sample ID		Date San	npled Time Sa	mpled Date	Received
S200603-0141		1105-2		3/1/20	06 1:30 I	PM 3	2/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.07	mg/Kg	0.05	Kleinworth	3/7/2006	
		0.07 omer Sample ID 1150-1	mg/Kg	0.05  Date Sam 3/1/200	npled Time Sa	mpled Date	Received 2/2006
Mercury - AA Cold Vapor  Sample ID:		omer Sample ID	mg/Kg Units	Date San	npled Time Sa	mpled Date	2/2006 <b>Data</b>
Mercury - AA Cold Vapor  Sample ID: S200603-0142	Cust	omer Sample ID		Date Sam 3/1/200 Reporting	npled Time Sai	mpled Date	2/2006 <b>Data</b>
Mercury - AA Cold Vapor  Sample ID: S200603-0142  Parameter	Method EPA 245.5	omer Sample ID 1150-1 Result	Units	Date Sam 3/1/200 Reporting Limit	npled Time Sa 06 1:55 I Analyst Kleinworth	mpled Date PM 3, Date Analyzed	2/2006 <b>Data</b>
Mercury - AA Cold Vapor  Sample ID: S200603-0142  Parameter  Mercury - AA Cold Vapor	Method EPA 245.5	omer Sample ID 1150-1 Result <0.05	Units	Date Sam 3/1/200 Reporting Limit 0.05	npled Time San 06 1:55 I Analyst Kleinworth npled Time San	mpled Date PM 3/ Date Analyzed 3/7/2006	2/2006 Data Flag
Sample ID: S200603-0142  Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	omer Sample ID 1150-1 Result <0.05	Units	Date Sam 3/1/200 Reporting Limit 0.05	npled Time San 06 1:55 I Analyst Kleinworth npled Time San	mpled Date PM 3/ Date Analyzed 3/7/2006	2/2006  Data Flag  Received 2/2006  Data



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date:

3/8/2006

Client:

RSC-937

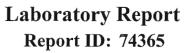
Taken by:

R. Eppard

**PO** #:

05317.1

Sample ID:	Cust	omer Sample ID		Date Sam	pled Time Sam	pled Date F	Received
S200603-0144		1149-1		3/1/200	2:17 PM	M 3/2/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/7/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time Sam	pled Date R	eceived
S200603-0145		1149-2		3/1/200	06 2:25 PM	M 3/2/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.05	mg/Kg	0.05	Kleinworth	3/7/2006	
Sample ID: S200603-0146	Cust	omer Sample ID		Date Sam 3/1/200	-	pled Date R	eceived
				3/1/200	2.5411	$\Lambda$ 3/2/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	M 3/2/ Date Analyzed	
Parameter Mercury - AA Cold Vapor	Method EPA 245.5		Units mg/Kg	Reporting		Date	2006 <b>Data</b>
E 198 ATTENDED	EPA 245.5	Result		Reporting Limit	Analyst Kleinworth	Date Analyzed 3/7/2006	2006 <b>Data</b>
Mercury - AA Cold Vapor	EPA 245.5	<b>Result</b> 0.10		Reporting Limit	Analyst Kleinworth pled Time Sam	Date Analyzed 3/7/2006 pled Date R	Data Flag
Mercury - AA Cold Vapor  Sample ID:	EPA 245.5	Result 0.10  omer Sample ID		Reporting Limit 0.05	Analyst Kleinworth pled Time Sam	Date Analyzed 3/7/2006 pled Date R	Data Flag





Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date:

3/8/2006

Client:

RSC-937

Taken by:

R. Eppard

PO #:

05317.1

Sample ID:	Cust	omer Sample ID		Date San	ipled Time San	npled Date R	eceived
S200603-0148		1107-1		3/1/20	06	3/2/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/7/2006	
Sample ID:	Cust	omer Sample ID		Date San	ipled Time San	ıpled Date R	eceived
S200603-0149		1107-2		3/1/200	06	3/2/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.06	mg/Kg	0.05	Kleinworth	3/7/2006	
<b>Sample ID:</b> S200603-0150	Custo	omer Sample ID 1148-1		Date Sam 3/1/200 Reporting	-	npled Date R M 3/2/ Date	eceived 2006 Data
<b>7</b> 0	Method	Result	Units	Limit	Analyst	Analyzed	Flag
Parameter				14.24		0.17.10.00.6	
Mercury - AA Cold Vapor	EPA 245.5	0.06	mg/Kg	0.05	Kleinworth	3/7/2006	
		0.06  omer Sample ID	mg/Kg	0.05  Date Sam		apled Date R	eceived
Mercury - AA Cold Vapor Sample ID:			mg/Kg		upled Time Sam	ipled Date R	eceived
Mercury - AA Cold Vapor		omer Sample ID	mg/Kg Units	Date Sam	upled Time Sam	ipled Date R	



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703

Date:

3/8/2006

Client:

RSC-937

Taken by:

R. Eppard

PO #:

05317.1

#### Analysis Report

Sample ID:	Custo	omer Sample II	)	Date San	ıpled Tim	e Sampled	Date R	eceived
S200603-0152		1147-1		3/1/20	06 4	:10 PM	3/2/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst		Date ialyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.14	mg/Kg	0.05	Kleinwort	th 3/	7/2006	

Sample ID:

**Customer Sample ID** 

**Date Sampled** 

Time Sampled Date Received

S200603-0153

1147-2

3/1/2006

4:00 PM

3/2/2006

				Date	Data		
Parameter	Method	Result	Units	Limit	Analyst	Analyzed	Flag
Mercury - AA Cold Vapor	EPA 245.5	< 0.05	mg/Kg	0.05	Kleinworth	3/7/2006	

Data Flag Legend:



Resource Concepts
Attn: Robin Eppard

340 N. Minnesota Street

Carson City, NV 89703

Date:

3/8/2006

Client:

RSC-937

Taken by:

R. Eppard

**PO** #:

05317.1

#### Quality Control Report

Parameter	LCS, % Recovery	MS, % Recovery	MSD, % Recovery	RPD, %	Method Blank
Mercury - AA Cold Vapor	105.0	115.0	121.0	5.01	<0.05 mg/Kg
Mercury - AA Cold Vapor	105.0	118.0	157.0	28.57	<0.05 mg/Kg

Legend: LCS- Laboratory Control Standard
RPD- Relative Percent Difference

MS- Matrix Spike

MSD- Matrix Spike Duplicate

#### **CHAIN OF CUSTODY RECORD**

PHONE: (7	75) 857 - 240	0 FAX:	(775) 857 - 240	4 E-Mail ser	m@sem-analytical.com		! .										10/	5_	٠.
Client Name					Purchase Ord					Anal	lyses l	Reque	sted		. ]	Turnaroun	d Time		pliance
Meso.	ire (		at in													<u> </u>			nitoring /es:
Address	n 44 in		cere di		Phone/Fax #	و مطوي را	,,								Sta	andard:	Other:	'	res. ₹
				1	153-1cm/933	- 1 <b>5</b>	Containers									X	<del></del>	-  ,	No:
City	- i	State	Zip	Report Attent	_		ıtair	٤								Rush		'	NO.
Cath			89703	Polyn			Co	4			,					24 Hr _			
Sampled by:		·		Signature:	m 0 8000	A.	of									48 Hr _	_	- 1	Jse Only Sample
Date	Time	Sample			dentification	Preservative*	lbe!	المالية المالية المالية						1		Remai	rke .	<b>-</b>	рН
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**CHAIN OF CUSTODY RECORD** 

PHONE: (775) 857 - 2400 FAX: (775)	857 - 2404 E-Mail ser	n@sem-analytical.com				·						100
Client Name		Purchase Ord				An	alyses F	Reques	sted	Turnaround Time	Complia	
Resource Conce	pt, Inc	05317	7.1								Monitor	
Address		Phone/Fax #			44,000					Standard: Other:	Yes:	
340 N. Minnesota		1883-1600/88	33-1656	Containers	Mercury					<u> </u>	1 '	
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		A Eppard		Ö	Ū					24 Hr		٠.
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Gustody Seal Intact		re discarded 30 days after										
Yes No None		client or disposed of at c ceived by the laboratory.								y only to the samples as	SEM	ОС
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1 - Am hingert		Proconuctive: 1=NaOH										

**CHAIN OF CUSTODY RECORD** 

3063

PHONE: (775) 857 - 2400 FAX: (775) 857 - 2404 E-Mail sen	n@sern-analytical.com		_				,				) U( ).~	
Resource Concepts Inc	Purchase Order	1		***************************************	Ana	lyses F	Requeste	ed		Turnaround Time		oliance toring
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	t thirty days on approved cr		-fo	\Alata	2=0	Moto	4-14/-	to Mate	. E-C	oil 6=BCBA 7=Other	- 1	2/01
Degrees C Amount *KEY:	Sample Type: 1=Drinking Preservative: 1=NaOH, 2											



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703

Date: Client: 3/10/2006

Taken by:

RSC-937 R. Eppard

PO #:

05317.1

Dear Robin Eppard,

It is the policy of Sierra Environmental Monitoring, Inc to strictly adhere to a comprehensive Quality Assurance Plan that insures the data presented in this report are both accurate and precise. Sierra Environmental Monitoring, Inc. maintains accreditation in the State of Nevada (NV-15) and the State of California (ELAP 2526).

The data presented in this report were obtained from the analysis of samples received under a chain of custody. Unless otherwise noted below, samples were received in good condition, properly preserved and within the hold time for the requested analyses. Any anomalies associated with the analysis of the samples have been flagged with appropriate explanation in the Analysis Report section of this Laboratory Report.

#### General Comments:

- There are no general comments for this report.

#### **Individual Sample Comments:**

- There are no specific comments that are associated with these samples.

Approved By:

Date:

3/10/2006

Sierra Environmental Monitoring, Inc.

This report is applicable only to the sample received by the laboratory. The liability of the laboratory is limited to the amount paid for this report. This report is for the exclusive use of the client to whom it is addressed and upon the condition that the client assumes all liability for the further distribution of the report or its contents.



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date:

3/10/2006

Client: Taken by: RSC-937

PO #:

R. Eppard 05317.1

Sample ID: S200603-0244	Cust	omer Sample ID		<b>Date Sam</b> 3/2/200	•	-	Received
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/7/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time San	npled Date R	eceived
S200603-0245		1108-2		3/2/200	6 11:05 A	AM 3/3/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	< 0.05	mg/Kg	0.05	Kleinworth	3/7/2006	
<b>Sample ID:</b> S200603-0246	Custo	omer Sample ID		<b>Date Sam</b> <sub>3</sub> /2/200	•	-	eceived 2006
					11.201		2000
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Parameter Mercury - AA Cold Vapor	Method EPA 245.5	Result 0.18	Units mg/Kg		Analyst Kleinworth	2	
Mercury - AA Cold Vapor  Sample ID:	EPA 245.5	0.18  omer Sample ID		Limit 0.05  Date Samp	Kleinworth	Analyzed 3/7/2006  appled Date R	Flag
	EPA 245.5	0.18		0.05	Kleinworth	Analyzed 3/7/2006  appled Date R	Flag



Resource Concepts
Attn: Robin Eppard
340 N. Minnesota Street
Carson City, NV 89703

Date:

3/10/2006

Client:

RSC-937

Taken by:

R. Eppard

PO #:

05317.1

Sample ID:	Cust	tomer Sample ID		Date Sam	ipled Time Sai	mpled Date	Received
S200603-0248		1110-1		3/2/200	06 11:32 2	AM 3/3	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/7/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	npled Time Sar	mpled Date	Received
S200603-0249		1110-2		3/2/200	06 11:37 A	AM 3/3	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	< 0.05	mg/Kg	0.05	Kleinworth	3/7/2006	
<b>Sample ID:</b> S200603-0250	Cust	omer Sample ID		<b>Date Sam</b> 3/2/200	•	-	Received /2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/9/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time San	npled Date l	Received
S200603-0251		1111-2		3/2/200	)6 11:47 A	AM 3/3	/2006
Parameter	Mothod	Danul4	Units	Reporting Limit	Analyst	Date Analyzed	Data
rarameter	Method	Result	Units	Limit	Analyst	Anatyzeu	Flag



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date:

3/10/2006

Client: Taken by: RSC-937 R. Eppard

**PO** #:

05317.1

Sample ID:	Cust	omer Sample ID		Date San	npled Time Sa	impled Dat	e Received
S200603-0252		1146-1		3/2/20	06 11:52	AM 3	/3/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyze	Data d Flag
Mercury - AA Cold Vapor	EPA 245.5	0.11	mg/Kg	0.05	Kleinworth	3/9/2006	
Sample ID:	Cust	omer Sample ID		Date San	npled Time Sa	ımpled Dat	e Received
S200603-0253		1146-2		3/2/20	06 11:57	AM 3	/3/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyze	Data d Flag
						7 (17 77 - 147	
Mercury - AA Cold Vapor	EPA 245.5	0.19	mg/Kg	0.05	Kleinworth	3/9/2006	
Mercury - AA Cold Vapor  Sample ID: S200603-0254		0.19 omer Sample ID 1145-1	mg/Kg	0.05  Date Sam 3/2/200	npled Time Sa	mpled Dat	e Received /3/2006
Sample ID:		omer Sample ID	mg/Kg Units	Date San	npled Time Sa	mpled Dat	e Received /3/2006 Data
Sample ID: S200603-0254	Custo	omer Sample ID		Date Sam 3/2/200 Reporting	npled Time Sa	impled Dat PM 3 Date	e Received /3/2006 Data d Flag
Sample ID: S200603-0254  Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	omer Sample ID 1145-1 Result 0.09 omer Sample ID	Units	Date Sam 3/2/200 Reporting Limit 0.05	npled Time Sa 06 1:46 I  Analyst  Kleinworth  npled Time Sa	mpled Dat PM 3 Date Analyze 3/7/2006	e Received /3/2006 Data d Flag
Sample ID: S200603-0254  Parameter Mercury - AA Cold Vapor	Method EPA 245.5	omer Sample ID 1145-1 Result 0.09	Units	Date Sam 3/2/200 Reporting Limit 0.05  Date Sam 3/2/200	npled Time Sa 06 1:46 I  Analyst  Kleinworth  npled Time Sa	mpled Date PM 3 Date Analyze 3/7/2006 mpled Date	e Received /3/2006 Data d Flag e Received /3/2006
Sample ID: S200603-0254  Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	omer Sample ID 1145-1 Result 0.09 omer Sample ID	Units	Date Sam 3/2/200 Reporting Limit 0.05	npled Time Sa 06 1:46 I  Analyst  Kleinworth  npled Time Sa	mpled Dat PM 3 Date Analyze 3/7/2006	e Received /3/2006 Data d Flag e Received /3/2006 Data



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date: Client: 3/10/2006 RSC-937

Taken by:

R. Eppard

**PO** #:

05317.1

Sample ID: S200603-0256	Cust	omer Sample ID		Date Sam 3/2/200	•	•	eceived 2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.14	mg/Kg	0.05	Kleinworth	3/7/2006	
Sample ID: S200603-0257	Cust	omer Sample ID		Date Sam 3/2/200	-	-	eceived
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.08	mg/Kg	0.05	Kleinworth	3/7/2006	
Sample ID: S200603-0258	Cust	omer Sample ID		<b>Date Sam</b> 3/2/200	•	-	eceived
Parameter	Method	Result	Units	Reporting Limit	Analyst Kleinworth	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.06	mg/Kg	0.05	Kleinworth	3/1/2006	_
Sample ID: \$200603-0259	Cust	omer Sample ID		Date Sam 3/2/200	•	•	eceived
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date:

3/10/2006

Client: Taken by: RSC-937 R. Eppard

PO #:

05317.1

Sample ID:	Cust	tomer Sample ID		Date Sam	pled Time	Sampled	Date R	Received
S200603-0260		1142-1		3/2/200	06 1:5	55 PM	3/3/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst		Date nalyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.06	mg/Kg	0.05	Kleinworth	3/	/7/2006	_
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time	Sampled	Date R	Received
S200603-0261		1142-2		3/2/200	)6 2:0	)2 PM	3/3/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst		Date nalyzed	Data Flag
				0.05	1211	2	17/2006	
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth		7/2006	
Sample ID: S200603-0262		omer Sample ID	mg/Kg	Date Sam 3/2/200	pled Time	Sampled 05 PM	Date R	Received
Sample ID:		omer Sample ID	mg/Kg Units	Date Sam	pled Time	Sampled 95 PM	Date R	
Sample ID: S200603-0262	Cust	omer Sample ID		Date Sam 3/2/200 Reporting	pled Time (2)	Sampled 5 PM	Date R 3/3/ Date	2006 <b>Data</b>
Sample ID: S200603-0262 Parameter	Method EPA 245.5	omer Sample ID 1141-1 Result	Units	Date Sam 3/2/200 Reporting Limit	pled Time of 2:0  Analyst  Kleinworth	Sampled 5 PM	Date R 3/3/ Date nalyzed 7/2006	2006 <b>Data</b>
Sample ID: S200603-0262  Parameter  Mercury - AA Cold Vapor	Method EPA 245.5	omer Sample ID 1141-1 Result 0.15	Units	Date Sam 3/2/200 Reporting Limit 0.05	pled Time 200 Analyst Kleinworth	Sampled 05 PM Au 3/	Date R 3/3/ Date nalyzed 7/2006	2006 Data Flag
Sample ID: S200603-0262  Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	omer Sample ID 1141-1  Result 0.15  omer Sample ID	Units	Date Sam 3/2/200 Reporting Limit 0.05	pled Time 200 Analyst Kleinworth	Sampled 25 PM Au 3/ Sampled 7 PM	Date R 3/3/ Date nalyzed 7/2006	2006 Data Flag



Resource Concepts
Attn: Robin Eppard
340 N. Minnesota Street
Carson City, NV 89703

Date:

3/10/2006

Client:

RSC-937

Taken by: PO #:

R. Eppard 05317.1

Sample ID:	Cust	omer Sample ID		Date San	npled Time San	npled Date F	Received
S200603-0264	11	14-1 (Front)		3/2/20	06 1:27 P	M 3/3/	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/7/2006	
Sample ID:	Cust	omer Sample ID		Date San	npled Time San	npled Date F	Received
S200603-0265	11	14-1 (Back)		3/2/20	06 1:33 P	M 3/3/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
					Total Inc.	2/2/2006	
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/7/2006	
Sample ID: S200603-0266	Custo	omer Sample ID	mg/Kg	0.05  Date Sam 3/2/200	npled Time San	npled Date F	Received /2006
Sample ID:	Custo	omer Sample ID	mg/Kg Units	Date San	npled Time San	npled Date F	
Sample ID: S200603-0266	Custo	omer Sample ID 14-2 (Front)		Date Sam 3/2/200 Reporting	npled Time San 06 2:38 Pl	npled Date F M 3/3/ Date	/2006 <b>Data</b>
Sample ID: S200603-0266 Parameter	Custo 11 Method	omer Sample ID 14-2 (Front) Result	Units	Date San 3/2/200 Reporting Limit	npled Time San 06 2:38 Pl	npled Date F M 3/3/ Date Analyzed	/2006 <b>Data</b>
Sample ID: S200603-0266 Parameter	Method EPA 245.5	omer Sample ID 14-2 (Front) Result	Units	Date San 3/2/200 Reporting Limit	npled Time San 06 2:38 Pl Analyst Kleinworth	npled Date F M 3/3/ Date Analyzed 3/7/2006	/2006 <b>Data</b>
Sample ID: S200603-0266  Parameter  Mercury - AA Cold Vapor	Custo  Method  EPA 245.5	omer Sample ID 14-2 (Front)  Result  0.09	Units	Date Sam 3/2/200 Reporting Limit 0.05	npled Time San 06 2:38 Pl Analyst Kleinworth	npled Date F M 3/3/ Date Analyzed 3/7/2006	Data Flag
Sample ID: S200603-0266  Parameter Mercury - AA Cold Vapor  Sample ID:	Custo  Method  EPA 245.5	omer Sample ID 14-2 (Front)  Result 0.09  omer Sample ID	Units	Date Sam 3/2/200 Reporting Limit 0.05	npled Time San 06 2:38 Pl Analyst Kleinworth	npled Date F M 3/3/ Date Analyzed 3/7/2006	Data Flag



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date:

3/10/2006

Client: Taken by: RSC-937

DO "

R. Eppard

PO #:

05317.1

Sample ID:	Cust	omer Sample ID		Date Sam	pled Time Sam	pled Date R	eceived
S200603-0268		1112-1		3/2/200	06 3:03 PN	$\Lambda$ 3/3/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/7/2006	
Sample ID:	Custo	omer Sample ID		Date Sam	pled Time Sam	pled Date R	eceived
S200603-0269		1112-2		3/2/200	06 2:59 PN	$\Lambda$ 3/3/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.27	mg/Kg	0.05	Kleinworth	3/7/2006	
Sample ID:	Custo	omer Sample ID		Date Sam	pled Time Sam	nled Date P	
S200603-0270		-				pieu Daie N	eceived
		1113-1		3/2/200	6 3:07 PN	•	eceived 2006
Parameter	Method	1113-1 Result	Units	3/2/200 Reporting Limit	6 3:07 PN  Analyst	•	
Parameter Mercury - AA Cold Vapor	Method EPA 245.5		Units mg/Kg	Reporting		л 3/3/ <b>Date</b>	2006 <b>Data</b>
	EPA 245.5	Result		Reporting Limit	Analyst Kleinworth	Date Analyzed 3/7/2006	2006 <b>Data</b>
Mercury - AA Cold Vapor	EPA 245.5	Result <0.05		Reporting Limit	Analyst Kleinworth pled Time Sam	Date Analyzed 3/7/2006  pled Date R	Data Flag
Mercury - AA Cold Vapor  Sample ID:	EPA 245.5	Result <0.05		Reporting Limit 0.05	Analyst Kleinworth pled Time Sam	Date Analyzed 3/7/2006  pled Date R	Data Flag eceived



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date:

3/10/2006

Client: Taken by: RSC-937 R. Eppard

PO #:

05317.1

Sample ID:	Cust	omer Sample ID		Date Sam	pled Time Samj	pled Date F	Received
S200603-0272		1115-1		3/2/200	6 3:15 PM	1 3/3/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.09	mg/Kg	0.05	Kleinworth	3/7/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time Samp	oled Date R	Received
S200603-0273		1115-2		3/2/200	6 3:18 PM	f 3/3/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	< 0.05	mg/Kg	0.05	Kleinworth	3/7/2006	
Sample ID: S200603-0274	Cust	omer Sample ID		<b>Date Sam</b> j 3/2/2006	•		Received 2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.17	mg/Kg	0.05	Kleinworth	3/7/2006	
						-	
Sample ID:	Cust	omer Sample ID		Date Samp	oled Time Samp	oled Date R	eceived
S200603-0275		1116-2		3/2/200	6 3:21 PM	[ 3/3/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.08	mg/Kg	0.05	Kleinworth	3/7/2006	



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date:

3/10/2006

Client: Taken by: RSC-937

PO #:

R. Eppard 05317.1

Sample ID:	Cust	omer Sample ID	•	Date San	npled T	ime Sam	pled	Date R	Received		
S200603-0276		1117-1		3/2/20	06	3:23 PN	<b>N</b>	3/3/	2006		
Parameter	Method	Result	Units	Reporting Limit	Anal	yst	_	Date alyzed	Data Flag		
Mercury - AA Cold Vapor	EPA 245.5	0.17	mg/Kg	0.05	Kleinv	worth	3/7	//2006			
Sample ID:	Custo	omer Sample ID	ı	Date San	ıpled T	ime Sam	pled	Date R	eceived		
S200603-0277		1117-2		3/2/20	06	3:25 PN	Л	3/3/	2006		
Parameter	Method	Result	Units	Reporting Limit	Anal	Analyst		Analyst A		Oate alyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	< 0.05	mg/Kg	0.05			3/7/2006				
Sample ID:	Custo	omer Sample ID		Date Sam	ipled T	ime Sam	pled	Date R	eceived		
Sample ID: S200603-0278	Custo	omer Sample ID		<b>Date Sam</b> 3/2/200	•	ime Sam	•		eceived		
•	Custo	•	Units		•	3:58 PM	л Л D				
S200603-0278		1118-1		3/2/200 <b>Reporting</b>	06	3:58 PN	Ana	3/3/2 Date	2006 <b>Data</b>		
Parameter Mercury - AA Cold Vapor	Method EPA 245.5	1118-1 Result	Units mg/Kg	3/2/200 Reporting Limit	Anal Kleinv	3:58 PN	Ana 3/7/	3/3/2 Pate alyzed	Data Flag		
S200603-0278  Parameter	Method EPA 245.5	1118-1  Result  0.06	Units mg/Kg	3/2/200 Reporting Limit 0.05	Anal Kleinv	3:58 PM  yst  vorth	Ana 3/7/	3/3/2 Date Palyzed /2006	Data Flag		
Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result 0.06  Omer Sample ID	Units mg/Kg	3/2/200 Reporting Limit 0.05  Date Sam	Anal Kleinv	3:58 PM  yst  vorth  Time Samp  4:00 PM	D Ana 3/7/	3/3/2 Date Palyzed /2006	Data Flag		



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date: Client: 3/10/2006 RSC-937

Taken by:

R. Eppard

PO #:

05317.1

Sample ID:	Cust	omer Sample ID		Date Sam	ipled Time San	npled Date	Received
S200603-0280		1119-1		3/2/200	06 3:52 P	M 3/	3/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.47	mg/Kg	0.05	Kleinworth	3/7/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	ipled Time San	npled Date	Received
S200603-0281		1119-2		3/2/200	06 3:57 P	M 3/	3/2006
Parameter	Method	Result	Reporting Result Units Limit		Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	< 0.05	mg/Kg	0.05	Kleinworth	3/7/2006	
Sample ID: S200603-0282	Cust	omer Sample ID		<b>Date Sam</b> 3/2/200	•	-	Received
-	Cust <sup>o</sup> Method	•	Units		-	-	
S200603-0282		1120-1	Units mg/Kg	3/2/200 <b>Reporting</b>	3:55 Pl	M 3/2 Date	3/2006 <b>Data</b>
S200603-0282 Parameter	Method EPA 245.5	1120-1 Result		3/2/200 Reporting Limit	Analyst Kleinworth	Date Analyzed 3/7/2006	3/2006 <b>Data</b>
Parameter Mercury - AA Cold Vapor	Method EPA 245.5	1120-1  Result  1.5		3/2/200 Reporting Limit 0.2	Analyst Kleinworth  apled Time Sam	Date Analyzed 3/7/2006	Data Flag
Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result 1.5  omer Sample ID		3/2/200 Reporting Limit 0.2  Date Sam	Analyst Kleinworth  apled Time Sam	Date Analyzed 3/7/2006	Data Flag Received



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date:

3/10/2006

Client: Taken by: RSC-937

PO #:

R. Eppard 05317.1

Sample ID:	Cust	omer Sample ID	)	Date Sam	pled Time San	npled Date F	Received
S200603-0284		1139-1		3/2/200	06 3:41 P	M 3/3/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.10	mg/Kg	0.05	Kleinworth	3/7/2006	
Sample ID:	Cust	omer Sample ID	ı	Date Sam	pled Time San	npled Date R	Received
S200603-0285		1139-2		3/2/200	3:43 P	M 3/3/	2006
<b>n</b>	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Parameter						•	0
Parameter Mercury - AA Cold Vapor  Sample ID:	EPA 245.5	0.06 omer Sample ID	mg/Kg	0.05  Date Sam	•	•	Received
Mercury - AA Cold Vapor  Sample ID: S200603-0286	EPA 245.5				pled Time Sam	npled Date R M 3/3/ Date	2006 <b>Data</b>
Mercury - AA Cold Vapor  Sample ID:	EPA 245.5	omer Sample ID		Date Sam 3/3/200 Reporting	pled Time San	npled Date R	2006
Mercury - AA Cold Vapor  Sample ID: S200603-0286  Parameter	Method EPA 245.5	omer Sample ID 1140-1 Result	Units mg/Kg	Date Sam 3/3/200 Reporting Limit	pled Time Sam 6 3:45 Pl Analyst Kleinworth	npled Date R M 3/3/ Date Analyzed 3/7/2006	2006 <b>Data</b>
Mercury - AA Cold Vapor  Sample ID: S200603-0286  Parameter  Mercury - AA Cold Vapor	Method EPA 245.5	nmer Sample ID 1140-1 Result 0.12	Units mg/Kg	Date Sam 3/3/200 Reporting Limit 0.05	pled Time Sam 6 3:45 Pl Analyst Kleinworth	npled Date R M 3/3/ Date Analyzed 3/7/2006	2006 Data Flag
Sample ID: S200603-0286  Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	mer Sample ID 1140-1  Result 0.12  omer Sample ID	Units mg/Kg	Date Sam 3/3/200 Reporting Limit 0.05	pled Time Sam 6 3:45 Pl Analyst Kleinworth	npled Date R M 3/3/ Date Analyzed 3/7/2006	2006 Data Flag



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street

Carson City, NV 89703

Date:

3/10/2006

Client:

RSC-937

Taken by:

R. Eppard

PO #:

05317.1

### Quality Control Report

Parameter	LCS, % Recovery	MS, % Recovery	MSD, % Recovery	RPD, %	Method Blan	nk
Mercury - AA Cold Vapor	94.0	88.0	81.0	8.67	<0.05 mg/	Kg/Kg
Mercury - AA Cold Vapor	98.0	90.0	88.0	2.11	< 0.05 mg/	g/Kg
Mercury - AA Cold Vapor	98.0	92.0	112.0	19.40	< 0.05 mg/	/Kg
Mercury - AA Cold Vapor	105.0	115.0	121.0	5.01	<0.05 mg/	/Kg

Legend: LCS- Laboratory Control Standard RPD- Relative Percent Difference

MS- Matrix Spike

MSD- Matrix Spike Duplicate

SIERRA ENVIRONMENT							· ~ \	CI	HAIN	OF C	UST	ODY RECORD		
1135 FINANCIAL BOULEVAR PHONE: (775) 857 - 2400 FAX: (775)							. /	,				pa - 1	15	f
Client Name	10 mg p	Purchase Ord					Analys	es Requ	uested			Turnaround Time		npliance
Address 340 M. Minnesota City State CarsonCt- UV 89	Zip Report Attent	auth affirms	3-1656	Containers	Merchan							Standard: Other:  Rush: 24 Hr		Yes: No:
Sampled by:  Robin A Epparc  Date Time Sample	Signature	ten a Coppa lentification	Preservative*	Number of Co.							•	48 Hr Remarks	Sub-	Use Only Sample
Sampled Sampled Type *	Campione		See Key Below	N	and the second							- Nemarks	<2	pH   >12
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Borros C AMDIANT	* KEY:	Sample Type: 1=Drinki											0	2/01

#### **CHAIN OF CUSTODY RECORD**

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		0 FAX: (	775) 857 - 2404	E-Mail se	m@sem-analytical.com						·				-ba Z	0/ 0	ļ		
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Dograce	· An	nhio	4	* KEY:	Sample Type: 1=Drink	-										=Other		02/	-



#### **CHAIN OF CUSTODY RECORD**

PHONE: (775) 857 - 2400 FAX: (775) 857 - 2404 E-M	ail sem@sem-analytical.com		- 1						1.			Da 3 or 5	)		
Resource Concept, Inc	Purchase Or 0531	der				Anal	yses f	Reque	sted			Tulnaround Time			liance toring
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Am hient KEY	Sample Type: 1=Drink													01	

#### CHAIN OF CUSTODY RECORD

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Degrees C

Sample Type: 1=Drinking Water, 2=Surface Water, 3=Ground Water, 4=Waste Water, 5=Soil, 6=RCRA, 7=Other Preservative: 1=NaOH, 2=NaOH + ZnOAC, 3=HNO3, 4=H2SO4, 5=Na2S2O3, 6=None, 7=Other

Form Revised 02/01

#### **CHAIN OF CUSTODY RECORD**

			VARD - RENO - NEVAD							′ ar	an E	45			
			775) 857 - 2404 E-Mail se	1000							<u>)4')</u>				
Client Name	urce	Conc	epts. Inc	Purchase Ord				An	alyses I	Requested		[	d Time		oliance itoring
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Sample Temperature

Degrees C

they are received by the laboratory. The liability of the laboratory is limited to the amount paid for the report. Terms: Net thirty days on approved credit.

\* KEY: Sample Type: 1=Drinking Water, 2=Surface Water, 3=Ground Water, 4=Waste Water, 5=Soil, 6=RCRA, 7=Other Preservative: 1=NaOH, 2=NaOH + ZnQAC, 3=HNO3, 4=H2SO4, 5=Na2S2O3, 6=None, 7=Other

Form Revised 02/01



3/10/2006

RSC-937

J. Lynn

05.317.1

Resource Concepts
Attn: Robin Eppard
340 N. Minnesota Street
Carson City, NV 89703

Date:
Client:
Taken by:
PO#:

Dear Robin Eppard,

It is the policy of Sierra Environmental Monitoring, Inc to strictly adhere to a comprehensive Quality Assurance Plan that insures the data presented in this report are both accurate and precise. Sierra Environmental Monitoring, Inc. maintains accreditation in the State of Nevada (NV-15) and the State of California (ELAP 2526).

The data presented in this report were obtained from the analysis of samples received under a chain of custody. Unless otherwise noted below, samples were received in good condition, properly preserved and within the hold time for the requested analyses. Any anomalies associated with the analysis of the samples have been flagged with appropriate explanation in the Analysis Report section of this Laboratory Report.

#### General Comments:

- There are no general comments for this report.

#### **Individual Sample Comments:**

- There are no specific comments that are associated with these samples.

Approved By:

Date:

3/10/2006

Sierra Environmental Monitoring, Inc.

This report is applicable only to the sample received by the laboratory. The liability of the laboratory is limited to the amount paid for this report. This report is for the exclusive use of the client to whom it is addressed and upon the condition that the client assumes all liability for the further distribution of the report or its contents.



Resource Concepts
Attn: Robin Eppard
340 N. Minnesota Street
Carson City, NV 89703

Date:

3/10/2006

Client: Taken by: RSC-937 J. Lynn

PO #:

05.317.1

Sample ID:	Cust	omer Sample ID	ı	Date San	pled Time San	npled Date F	eceived
S200603-0362		1125-1		3/6/200	06 4:54 P	M 3/7/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.09	mg/Kg	0.05	Kleinworth	3/9/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time San	npled Date R	eceived
S200603-0363		1125-2		3/6/200	06 4:54 P	M 3/7/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	< 0.05	mg/Kg	0.05	Kleinworth	3/9/2006	
<b>Sample ID:</b> S200603-0364	Custo	omer Sample ID 1126-1		<b>Date Sam</b> 3/6/200	-	•	eceived
				-			2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	2006 Data Flag
Parameter Mercury - AA Cold Vapor	Method EPA 245.5	Result <0.05	Units mg/Kg		Analyst Kleinworth		Data
				Limit		Analyzed	Data
	EPA 245.5		mg/Kg	Limit	Kleinworth	<b>Analyzed</b> 3/9/2006	Data
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth pled Time Sam	Analyzed 3/9/2006  npled Date R	Data Flag
Mercury - AA Cold Vapor  Sample ID:	EPA 245.5	<0.05	mg/Kg	Date Sam	Kleinworth pled Time Sam	Analyzed 3/9/2006  npled Date R	Data Flag eceived



Resource Concepts
Attn: Robin Eppard
340 N. Minnesota Street
Carson City, NV 89703

Date: Client: 3/10/2006 RSC-937

Taken by:

J. Lynn

PO #:

05.317.1

Sample ID: S200603-0366	Cust	omer Sample ID		<b>Date Sam</b> 3/6/200	•	-	Received /2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.05	mg/Kg	0.05	Kleinworth	3/9/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time Sar	npled Date I	Received
S200603-0367		1127-2		3/6/200	06 4:45 P	M 3/7	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/9/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time San	npled Date I	Received
S200603-0368		1128-1		3/6/200	)6 4:41 P	M 3/7	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/9/2006	
Sample ID:	Custo	omer Sample ID		Date Sam	pled Time San	npled Date I	Received
S200603-0369		1128-2		3/6/200	06 4:41 P	M 3/7	/2006
				Reporting		Date	Data
Parameter	Method	Result	Units	Limit	Analyst	Analyzed	Flag



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date:

3/10/2006

Client:

RSC-937

Taken by: PO #:

J. Lynn 05.317.1

<b>Sample ID:</b> S200603-0370	Cust	omer Sample ID 1129-1	1	<b>Date San</b> 3/6/20	-	•		
Parameter	Method	Result	Units	Reporting Limit	Analyst		ate lyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/9/2	2006	
Sample ID:	Cust	omer Sample ID	)	Date San	npled Time Sa	mpled	ed Date Recei	
S200603-0371		1129-2		3/6/20	06 4:36	PM	3/7/2	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst		ate lyzed	Data Flag
	ED 4 245 5	<0.05	mg/Kg	0.05	Kleinworth	3/9/2	2006	
Mercury - AA Cold Vapor	EPA 245.5	<0.05	Ilig/Kg	0.05	Kiciiwoitii	31712		
Sample ID:		omer Sample ID		Date Sam		mpled		eceived
	Cust				npled Time Sa	mpled		
Sample ID:	Cust	omer Sample ID		Date Sam	npled Time Sa	ampled l PM Da	Date R	
Sample ID: S200603-0372	Custo	omer Sample ID 30-1 (Front)		Date Sam 3/6/200 Reporting	npled Time Sa	ampled l PM Da	Date R 3/7/2 ate lyzed	2006 <b>Data</b>
Sample ID: S200603-0372 Parameter	Custo 113 Method EPA 245.5	omer Sample ID 30-1 (Front) Result	<b>Units</b> mg/Kg	Date Sam 3/6/200 Reporting Limit	npled Time Sa 06 4:31 Analyst Kleinworth	nmpled Da PM Da Anal	Date R 3/7/2 ate lyzed	Data Flag
Sample ID: S200603-0372  Parameter  Mercury - AA Cold Vapor	Custo  Method  EPA 245.5	omer Sample ID 30-1 (Front) Result <0.05	<b>Units</b> mg/Kg	Date Sam 3/6/200 Reporting Limit 0.05	Analyst Kleinworth  Time Sa	nmpled Da PM Da Anal 3/9/2	Date R 3/7/2 ate lyzed 2006	Data Flag
Sample ID: S200603-0372  Parameter Mercury - AA Cold Vapor  Sample ID:	Custo  Method  EPA 245.5	omer Sample ID 30-1 (Front)  Result <0.05	<b>Units</b> mg/Kg	Date Sam 3/6/200 Reporting Limit 0.05	Analyst Kleinworth  Time Sa	nmpled Da PM Da Anal 3/9/2	Date R 3/7/2 ate lyzed 2006  Date R 3/7/2 ate	Data Flag



Resource Concepts
Attn: Robin Eppard
340 N. Minnesota Street
Carson City, NV 89703

Date: Client: 3/10/2006 RSC-937

Taken by:

J. Lynn

PO #:

05.317.1

<b>Sample ID:</b> S200603-0374		omer Sample ID 30-1 (BacK)		Date Sam 3/6/200	•	•	Received	
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag	
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/9/2006		
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time Sam	ıpled Date R	eceived	
S200603-0375	•			3/6/200	6 4:34 PI	M 3/7/	2006	
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag	
Mercury - AA Cold Vapor	EPA 245.5	< 0.05	mg/Kg	0.05	Kleinworth	3/9/2006		
Sample ID: S200603-0376	Cust	omer Sample ID		<b>Date Sam</b> <sub>3</sub> /6/200	•	•	eceived	
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag	
Mercury - AA Cold Vapor	EPA 245.5	0.09	mg/Kg	0.05	Kleinworth	3/9/2006		
<b>Sample ID:</b> S200603-0377	Cust	omer Sample ID		<b>Date Sam</b> j 3/6/200	•	•		
520005-0577				Reporting		Data	-	
	Method	Result	Units	Limit	Analyst	Date Analyzed	Data Flag	



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date:

3/10/2006

Client: Taken by: RSC-937 J. Lynn

PO #:

05.317.1

Sample ID:	Cust	omer Sample ID		Date Sam	pled Time Sa	mpled Date	Received
S200603-0378		1132-1		3/6/200	5:24	PM 3/	7/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/9/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time Sa	mpled Date	Received
S200603-0379		1132-2			5:24	PM 3/	7/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/9/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time Sa	mplad Data	Received
S200603-0380	Cust	1134-1		3/6/200	-	-	//2006
Parameter	Method	Result	Units	Reporting Limit		Date	72000
		Resuit	OHILIS	FILLL	Anaiyst	Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Analyst Kleinworth	3/9/2006	Data Flag
Mercury - AA Cold Vapor							
	EPA 245.5				Kleinworth	3/9/2006	
Mercury - AA Cold Vapor	EPA 245.5	<0.05		0.05	Kleinworth	3/9/2006	Flag
Mercury - AA Cold Vapor  Sample ID:	EPA 245.5	<0.05		0.05  Date Sam	Kleinworth	3/9/2006	Flag



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date: Client: 3/10/2006

Client: Taken by: RSC-937 J. Lynn

PO #:

05.317.1

Sample ID: S200603-0382	Cust	omer Sample ID 1135-1	•	<b>Date San</b> 3/6/200	-	•		
Parameter	Method	Result	Units	Reporting Limit	Analyst		ate lyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/9/2	2006	
Sample ID:	Cust	omer Sample ID	)	Date Sam	npled Time Sa	ımpled	Date R	eceived
S200603-0383		1135-2		3/6/200	5:18	PM	3/7/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst		ate lyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.14	mg/Kg	0.05	Kleinworth	3/9/2	2006	
		_					_	
Sample ID: S200603-0384	Custo	omer Sample ID	,	Date Sam 3/6/200	-	-		eceived
-	Custo Method	-	Units		-	PM Da		
S200603-0384		1136-1		3/6/200 <b>Reporting</b>	5:16	PM Da Anal	3/7/2 ate	2006 <b>Data</b>
Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result <0.05	Units mg/Kg	3/6/200 Reporting Limit 0.05  Date Sam	Analyst Kleinworth  upled Time Sa	PM Da Anal 3/9/2	3/7/2 ate lyzed 2006 Date R	Data Flag eceived
Parameter Mercury - AA Cold Vapor	Method EPA 245.5	Result <0.05	Units mg/Kg	3/6/200 Reporting Limit 0.05	Analyst Kleinworth  upled Time Sa	PM Da Anal 3/9/2 ampled PM Da	3/7/2 ate lyzed 2006 Date R	Data Flag



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date:

3/10/2006

Client:

Taken by:

RSC-937 J. Lynn

PO #:

05.317.1

Sample ID:	Cust	omer Sample ID	•	Date Sam	•	•	Received
S200603-0386		1137-1		3/6/200	06 5:14 P	M 3/7/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/9/2006	
Sample ID:	Cust	omer Sample ID	)	Date Sam	pled Time San	npled Date R	Received
S200603-0387		1137-2			06 5:14 Pl	M 3/7/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/9/2006	
Sample ID: S200603-0388	Cust	omer Sample ID 1138-1		<b>Date Sam</b> 3/6/200	-	-	Received 2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.14	mg/Kg	0.05	Kleinworth	3/9/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time Sam	ipled Date R	Received
S200603-0389		1138-2		3/6/200	5:10 Pi	M 3/7/	2006
				-		_	
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date:

3/10/2006

Client: Taken by: RSC-937

PO #:

J. Lynn 05.317.1

ample ID: Custo		omer Sample ID		Date San	npled Time Sai	mpled Dat	Received
S200603-0390		1121-1		3/6/20	06 5:07 F	PM 3	/7/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyze	Data I Flag
Mercury - AA Cold Vapor	EPA 245.5	0.08	mg/Kg	0.05	Kleinworth	3/9/2006	
Sample ID:	Cust	omer Sample ID	Date Sam	ıpled Time Sar	mpled Date	Received	
S200603-0391		1121-2			06 5:07 F	PM 3	7/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyze	Data I Flag
Mercury - AA Cold Vapor	EPA 245.5	< 0.05	mg/Kg	0.05	Kleinworth	3/9/2006	
Sample ID: \$200603-0392	Custo	omer Sample ID		Date Sam	•	•	Received
Sample ID: S200603-0392	Custo	omer Sample ID 1122-1 Result	Units	Date Sam 3/6/200 Reporting Limit	5:04 P	•	7/2006 <b>Data</b>
S200603-0392		1122-1	Units mg/Kg	3/6/200 <b>Reporting</b>	-	PM 3 Date	7/2006 <b>Data</b>
Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result 0.65  omer Sample ID		3/6/200 Reporting Limit 0.05  Date Sam	Analyst Kleinworth  apled Time San	Date Analyzee 3/9/2006	7/2006 Data Flag Received
Parameter Mercury - AA Cold Vapor	Method EPA 245.5	Result 0.65		3/6/200 Reporting Limit 0.05  Date Sam 3/6/200	Analyst Kleinworth  apled Time San	Date Analyzee 3/9/2006  mpled Date M 3.	7/2006  Data Flag  Received 7/2006
Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result 0.65  omer Sample ID		3/6/200 Reporting Limit 0.05  Date Sam	Analyst Kleinworth  apled Time San	Date Analyzee 3/9/2006	7/2006 Data Flag  Received 7/2006 Data



Resource Concepts
Attn: Robin Eppard
340 N. Minnesota Street
Carson City, NV 89703

Date: Client: 3/10/2006 RSC-937

Taken by:

J. Lynn

PO #:

05.317.1

Sample ID:	ple ID: Customer Sample ID			Date Sam	pled Time Sam	npled Date F	Received
S200603-0394		1123-1		3/6/200	5:01 PI	M 3/7	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.07	mg/Kg	0.05	Kleinworth	3/9/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time Sam	npled Date F	Received
S200603-0395		1123-2			5:01 PI	M 3/7	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
				0.05	494 40000000	2/0/2007	
Mercury - AA Cold Vapor	EPA 245.5	0.19	mg/Kg	0.05	Kleinworth	3/9/2006	
Sample ID:		omer Sample ID	mg/Kg	0.05  Date Sam 3/6/200	pled Time Sam	ıpled Date F	Received
Mercury - AA Cold Vapor  Sample ID: S200603-0396  Parameter		omer Sample ID	mg/Kg Units	Date Sam	pled Time Sam	ıpled Date F	
Sample ID: S200603-0396	Custo	omer Sample ID 1124-1		Date Sam 3/6/200 Reporting	pled Time Sam	npled Date F M 3/7/ Date	2006 <b>Data</b>
Sample ID: S200603-0396 Parameter	Method EPA 245.5	omer Sample ID 1124-1 Result	Units	Date Sam 3/6/200 Reporting Limit	pled Time Sam 06 4:58 Pl Analyst Kleinworth	npled Date F M 3/7/ Date Analyzed 3/9/2006	2006 <b>Data</b>
Sample ID: S200603-0396  Parameter  Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	omer Sample ID 1124-1 Result 0.07	Units	Date Sam 3/6/200 Reporting Limit 0.05	pled Time Sam 06 4:58 Pl Analyst Kleinworth pled Time Sam	npled Date F M 3/7/ Date Analyzed 3/9/2006	Data Flag
Sample ID: S200603-0396  Parameter  Mercury - AA Cold Vapor	Method EPA 245.5	omer Sample ID 1124-1 Result 0.07 omer Sample ID	Units	Date Sam 3/6/200 Reporting Limit 0.05	pled Time Sam 06 4:58 Pl Analyst Kleinworth pled Time Sam	npled Date F M 3/7/ Date Analyzed 3/9/2006	Data Flag



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703

Date:

3/10/2006

Client: Taken by:

RSC-937 J. Lynn

PO #:

05.317.1

#### Analysis Report

Sample ID:

**Customer Sample ID** 

Result

< 0.05

**Date Sampled** 

Time Sampled Date Received

S200603-0398

1133-1

3/6/2006

5:22 PM

3/7/2006

Parameter Mercury - AA Cold Vapor

Method

EPA 245.5

Reporting Limit Units

mg/Kg

Analyst Kleinworth

Date **Analyzed** 

3/9/2006

Data Flag

Sample ID:

**Customer Sample ID** 

**Date Sampled** 

0.05

Time Sampled Date Received

S200603-0399

1133-2

3/6/2006

5:22 PM

3/7/2006

		Date	Data				
Parameter	Method	Result	Units	Limit	Analyst	Analyzed	Flag
Mercury - AA Cold Vapor	EPA 245.5	< 0.05	mg/Kg	0.05	Kleinworth	3/9/2006	

Data Flag Legend:



Resource Concepts
Attn: Robin Eppard

340 N. Minnesota Street Carson City, NV 89703 Date:

3/10/2006

Client: Taken by: RSC-937 J. Lynn

PO #:

05.317.1

#### **Quality Control Report**

Parameter	LCS, % Recovery	MS, % Recovery	MSD, % Recovery	RPD, %	Method Blank			
Mercury - AA Cold Vapor	94.0	111.0	111.0	0.39	<0.05 mg/K			
Mercury - AA Cold Vapor	94.0	114.0	112.0	1.54	<0.05 mg/K			
Mercury - AA Cold Vapor	94.0	88.0	81.0	8.67	<0.05 mg/K			

Legend: LCS- Laboratory Control Standard RPD- Relative Percent Difference

MS- Matrix Spike

MSD- Matrix Spike Duplicate



#### **CHAIN OF CUSTODY RECORD**

02/01

PHONE: (7	75) 857 - 240	0 FAX: (	775) 857 - 2404 E-Mail ser						1	1. 1		Da 1 01				
Client Name	LIC_	Con	and than	der			Ana	alyses	Reque	sted		Turnarouh	d Time	Comp Monit		
Address	W N	(in	sota st	Phone/Fax #	51656	SLS	3						Standard:	Other:	Ye	es:
City		State	Report Attent	ion: Eppav	S	of Containers	MECCORY			ļ			Rush 24 Hr _		N-	o: _
Sampled by:	JOSH L	,	Signature:		er of C		e <sup>2</sup>					48 Hr _	_	Lab Us Sub-S	· 1	
Date Sampled	Time Sampled	Sample Type *	Sample lo	lentification	Number	TOTAL						Remar	ks	- p	H >12	
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	16:48	5	1176-1		6											
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	16:41	5	1128-1 1		6	1										
	16:41	5	1123.2 *		6	1	/									
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	delived By Laboratory:						,	SEA	1				3/7/06		1017	
Custody S	Samples are discarded 30 days after results are						analytic	al results a	ssocia	ited wit	th this C	OC appl	y only to the samp		SEM Form R	сос

Sample Temperature

Terms: Net thirty days on approved credit. Sample Type: 1=Drinking Water, 2=Surface Water, 3=Ground Water, 4=Waste Water, 5=Soil, 6=RCRA, 7=Other

Preservative: 1=NaOH, 2=NaOH + ZnOAC, 3=HNO3, 4=H2SO4, 5=Na2S2O3, 6=None, 7=Other

ERRA ENVIRONMENTAL MONITORING, INC.  135 FINANCIAL BOULEVARD - RENO - NEVADA - 89502  E: (775) 857 - 2400 FAX: (775) 857 - 2404 E-Mail sem@sem-analytical.com  Name  RESOURCE CONSECTS IN C  Purchase Order  05. 517.)									_ / (	<b>D</b>		
						<u> </u>		<u> </u>		and the same of th	1 0	!
05.57	7.1			Ana	lyses F	Request	ed	)	Turnaround	Time	Monit	toring
Phone/Fax # 883./666 / 883	3.1656	Sis	1 92 Ly						Standard:	Other:	Ye	es;
ARSON CITY NV 89963 Report Attention: ROBIN EPOLACED									l .		N 	lo: 
d by: JoSH LYMN Signature: Jah Ly									48 Hr			se Only Sample
	Preservative* See Key Below	Numb	Tor						Remari	ks	<2	H >12
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50-1 (Front) *	6	1	bear of the second									
30-2 (From) #	6	_/										
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STUCKASI				<u> </u>	II	,			13/1/06		<u> 1017</u>	-
	Phone/Fax # 885./600 / 885  Phone/Fax # 885./600 / 885  Resin Economic  Do-1 (Front) & Do-2 (Front) & Do-2 (Back) & Drint N  Josh Lynn	Property   Property	Purchase Order	Purchase Order	Purchase Order	Result   R	Resur Great  Preservative* See Key Below  Delack  Dela	Purchase Order	Permanalytical.com  Purchase Order  OS. S. T. J.  Phone/Fax #  BES. 1600   EE3. 1650  T. ROBIN COCARD  TO J.  DO - 1 (Front) & G. J. J.  DO - 2 (Back) & G. J. J.  Print Name  Company  Josy Lynn  RC J.  Shawn Lynn  RC J.  Print Name  Company  RC J.  Shawn Lynn  RC J.	Personal   Preservative   See Key Below   Property   See Key Below   Print Name   Company   Date   Shalland	Personal   Print Name   Print	Personal   Personal

Custody Seal Intact
Yes \_\_\_\_ No \_\_\_ None \_\_\_

Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The analytical results associated with this COC apply only to the samples as they are received by the laboratory. The liability of the laboratory is limited to the amount paid for the report.

Terms: Net thirty days on approved credit.

SEM COC Form Revised 02/01

Sample Temperature

Degrees C Ampient

\*KEY: Sample Type: 1=Drinking Water, 2=Surface Water, 3=Ground Water, 4=Waste Water, 5=Soil, 6=RCRA, 7=Other Preservative: 1=NaOH, 2=NaOH + ZnOAC, 3=HNO3, 4=H2SO4, 5=Na2S2O3, 6=None, 7=Other

#### CHAIN OF CUSTODY RECORD

PHONE: (775) 857 - 2400 FAX: (775) 857 - 2404 E-Mail sem@sem-analytical.com Purchase Order, Analyses Requested Turnaround Time Compliance Client Name RESUURCE CONCEPTS WC 823.1600 1883.1656 Monitoring Phone/Fax # Yes: Standard: Other: 340 N MINNESOTA ST. 05.317.1 Jacob P. Number of Containers Report Attention: ROBIN EPPARD CARSON CITY NV89703 No: Rush: 24 Hr Signature: Lab Use Only Sampled by: 48 Hr JOSH LYNNY Sub-Sample Sample Identification Preservative\* Date Time Sample Remarks Type \* See Key Below Sampled Sampled >12 1134-1 1 MorMarcol 13:56 06 Made 13:51 1134-2 . IF: 1% 1135-10 1135-2 1 17.18 17:11 1136-1 . 6 17:16 1136-20 1137-1. 17:14 1137-2- 1 17:19 . 1138 - 1 . 17:10 Print Name Signature Company Date Time Relinquished By: JosH Lypon 1261 OF MARCOL 9 10 Shawa Marki Received By: 07446 910 Relinquished By: Received By: Relinquished By: Sha WAN 10:14 3-7-06 Received By Laboratory: **Custody Seal Intact** Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samplés will be Yes No.

Sample Temperature

returned to client or disposed of at client expense. The analytical results associated with this COC apply only to the samples as they are received by the laboratory. The liability of the laboratory is limited to the amount paid for the report. Terms: Net thirty days on approved credit.

Sample Type: 1=Drinking Water, 2=Surface Water, 3=Ground Water, 4=Waste Water, 5=Soil, 6=RCRA, 7=Other Preservative: 1=NaOH, 2=NaOH + ZnOAC, 3=HNO3, 4=H2SO4, 5=Na2S2O3, 6=None, 7=Other

Degrees C AMDICH.

SEM COC Form Revised 02/01

CHAIN OF CUSTODY RECORD

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they are received by the laboratory. The liability of the laboratory is limited to the amount paid for the report.

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Form Revised 02/01



Resource Concepts

Attn: Robin Eppard 340 N. Minnesota Street

Carson City, NV 89703

Client: Taken

Date:

3/16/2006

RSC-937

Taken by: J. Lynn

**PO** #: 05317.1

Dear Robin Eppard,

It is the policy of Sierra Environmental Monitoring, Inc to strictly adhere to a comprehensive Quality Assurance Plan that insures the data presented in this report are both accurate and precise. Sierra Environmental Monitoring, Inc. maintains accreditation in the State of Nevada (NV-15) and the State of California (ELAP 2526).

The data presented in this report were obtained from the analysis of samples received under a chain of custody. Unless otherwise noted below, samples were received in good condition, properly preserved and within the hold time for the requested analyses. Any anomalies associated with the analysis of the samples have been flagged with appropriate explanation in the Analysis Report section of this Laboratory Report.

#### General Comments:

- There are no general comments for this report.

#### **Individual Sample Comments:**

- There are no specific comments that are associated with these samples.

Approved By:

Date:

3/16/2006

Sierra Environmental Monitoring, Inc.

This report is applicable only to the sample received by the laboratory. The liability of the laboratory is limited to the amount paid for this report. This report is for the exclusive use of the client to whom it is addressed and upon the condition that the client assumes all liability for the further distribution of the report or its contents.



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date: Client: 3/16/2006

Taken by:

RSC-937 J. Lynn

PO #:

05317.1

Sample ID:	Cust	omer Sample ID		Date Sam	Date R	eceived		
S200603-0581		1151-1		3/6/200	06 5:32 P	M	3/8/2	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst		ate lyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/14/	2006	
Sample ID:	Custo	omer Sample ID		Date Sam	npled Time San	npled ]	Date R	eceived
S200603-0582		1151-2		3/6/200	06 5:46 P	M	3/8/2	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst		ate lyzed	Data Flag
			mg/Kg	0.05		2/14/	2006	
Mercury - AA Cold Vapor	EPA 245.5	0.09	mg/Kg	0.05	Kleinworth	3/14/	2000	
Sample ID: S200603-0583		0.09 omer Sample ID 1152-1	mg/Kg	Date Sam 3/6/200	upled Time San	npled		eceived 2006
Sample ID:		omer Sample ID	mg/Kg  Units	Date Sam	upled Time San	npled Da	Date R	
Sample ID: S200603-0583	Custo	omer Sample ID 1152-1		Date Sam 3/6/200 Reporting	upled Time San 06 5:44 P.	npled Da	Date R 3/8/2 ate lyzed	2006 <b>Data</b>
Sample ID: S200603-0583  Parameter  Mercury - AA Cold Vapor	Method EPA 245.5	omer Sample ID 1152-1  Result <0.05	Units	Date Sam 3/6/200 Reporting Limit 0.05	apled Time San 06 5:44 P. Analyst Kleinworth	npled Da  Da  Anal  3/13/2	Date R 3/8/2 ate lyzed	Data Flag
Sample ID: S200603-0583  Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	omer Sample ID 1152-1  Result <0.05  omer Sample ID	Units	Date Sam 3/6/200 Reporting Limit 0.05	Analyst Kleinworth  Apled Time San	npled Da Anal 3/13/2	Date Ro 3/8/2 ate lyzed 2006	Data Flag
Sample ID: S200603-0583  Parameter  Mercury - AA Cold Vapor	Method EPA 245.5	omer Sample ID 1152-1  Result <0.05	Units	Date Sam 3/6/200 Reporting Limit 0.05  Date Sam 3/6/200	Analyst Kleinworth  Apled Time San	npled Da Anal 3/13/2	3/8/2 ate lyzed 2006  Date Ro 3/8/2	Data Flag eccived
Sample ID: S200603-0583  Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	omer Sample ID 1152-1  Result <0.05  omer Sample ID	Units	Date Sam 3/6/200 Reporting Limit 0.05	Analyst Kleinworth  Apled Time San	npled Da Anal 3/13/2	2006  Date Roade   2006	Data Flag



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date: Client: 3/16/2006

Taken by:

RSC-937 J. Lynn

PO #:

05317.1

Sample ID:	Cust	omer Sample II	)	Date Sampled Time Sampled D						
S200603-0585		1153-1		3/6/200	5:37	PM	3/8/2006			
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyze	Data ed Flag			
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/14/200	6			
Sample ID:	Cust	omer Sample II	)	Date Sam	pled Time Sa	mpled Da	te Received			
S200603-0586		1153-2		3/6/200	5:40	PM :	3/8/2006			
				Reporting		Date	Data			
Parameter	Method	Result	Units	Limit	Analyst	Analyze	ed Flag			
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/14/200	6			
Sample ID:	Custo	omer Sample II	)	Date Sam	pled Time Sa	mpled Da	te Received			
S200603-0916	11	52-1 - DUP		3/6/200	5:44	PM :	3/8/2006			
			Units	Reporting Limit	Analyst	Date Analyze	Data ed Flag			
Parameter	Method	Result	Units		•					



Resource Concepts
Attn: Robin Eppard
340 N. Minnesota Street

340 N. Minnesota Street Carson City, NV 89703 Date:

3/16/2006

Client: Taken by: RSC-937 J. Lynn

PO #:

05317.1

#### Quality Control Report

Parameter	LCS, % Recovery	MS, % Recovery	MSD, % Recovery	RPD, %	Method Blank
Mercury - AA Cold Vapor	100.0	119.0	124.0	3.98	<0.05 mg/Kg
Mercury - AA Cold Vapor	102.0	119.0	107.0	10.41	<.05 mg/Kg

Legend: LCS- Laboratory Control Standard RPD- Relative Percent Difference MS- Matrix Spike

MSD- Matrix Spike Duplicate

**CHAIN OF CUSTODY RECORD** 

74409

PHONE: (7	75) 857 - 240	0 FAX: (	(775) 857 - 2404	E-Mail sen	n@sem-analyt	ical.com								_				!:		
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8/24/2006

RSC-937

Resource Concepts
Attn: Robin Eppard
340 N. Minnesota Street
Carson City, NV 89703

**Taken by:** J. Lynn **PO #:** 05317.1

Date:

Client:

Dear Robin Eppard,

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#### General Comments:

- There are no general comments for this report.

#### **Individual Sample Comments:**

- There are no specific comments that are associated with these samples.

Approved By:	Date:
the lot	8/24/2006
Sierra Environmental Monitoring, Inc.	

This report is applicable only to the sample received by the laboratory. The liability of the laboratory is limited to the amount paid for this report. This report is for the exclusive use of the client to whom it is addressed and upon the condition that the client assumes all liability for the further distribution of the report or its contents.



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date: Client: 8/24/2006

Taken by:

RSC-937 J. Lynn

PO #:

05317.1

Sample ID:	Cust	omer Sample II	)	Date San	Date R	Received			
S200608-1341		1107-1	8/22/2006 4:01 P						/2006
Parameter	Method	Result	Units	Reporting Limit	Anal	nalyst		Oate alyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.09	mg/Kg	0.05	Kleinv	vorth	8/2	4/2006	
Sample ID:	Custo	omer Sample ID	•	Date Sam	ıpled T	ime Samj	pled	Date R	Received
S200608-1342		1107-2		8/22/20	06	3:58 PM	1	8/23	/2006
Parameter	Method	Result	Units	Reporting Limit	Anal	yst	_	Oate alyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.08	mg/Kg	0.05	Kleinv	vorth	8/24	4/2006	
Sample ID:	Custo	omer Sample ID	)	Date Sam	ıpled T	ime Samı	pled	Date R	Received
Sample ID: S200608-1343	Custo	omer Sample ID	)	<b>Date Sam</b> 8/22/20	•	ime Samı 5:56 PM	•		Received /2006
•	Custo Method	-	Units		•	5:56 PM	1 1		
S200608-1343		1108-1		8/22/20 <b>Reporting</b>	06	5:56 PM	I Ana	8/23 <i>i</i> <b>Pate</b>	/2006 <b>Data</b>
S200608-1343  Parameter	Method EPA 245.5	1108-1  Result	Units mg/Kg	8/22/20 Reporting Limit	Anal	5:56 PM	1 D Ana 8/24	8/23/ Pate alyzed 4/2006	/2006 <b>Data</b>
S200608-1343  Parameter  Mercury - AA Cold Vapor	Method EPA 245.5	1108-1  Result  0.08	Units mg/Kg	8/22/20 Reporting Limit 0.05	Anal Kleinw	5:56 PM	1 E Ana 8/24	8/23 Date alyzed 4/2006	/2006 Data Flag
S200608-1343  Parameter  Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result 0.08	Units mg/Kg	8/22/20 Reporting Limit 0.05	Anal Kleinw	5:56 PM  yst  yorth  ime Samp  4:03 PM	1	8/23 Date alyzed 4/2006	Data Flag



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date:

8/24/2006

Client: Taken by: RSC-937 J. Lynn

PO #:

05317.1

Sample ID: S200608-1345	Cust	omer Sample ID		Date Sam 8/22/20	•	Received	
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.12	mg/Kg	0.05	Kleinworth	8/24/2006	
Sample ID:	Cust	omer Sample ID	)	Date Sam	pled Time Sam	pled Date F	Received
S200608-1346		1147-2		8/22/20	06 3:43 PM	M 8/23	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.13	mg/Kg	0.05	Kleinworth	8/24/2006	
Sample ID:	Cust	omer Sample ID	1	Date Sam	pled Time Sam	pled Date F	Received
S200608-1347		1148-1		8/22/20	06 3:44 PN	M 8/23	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.18	mg/Kg	0.05	Kleinworth	8/24/2006	
Sample ID:	Custo	omer Sample ID		Date Sam	pled Time Sam	pled Date R	Received
S200608-1348		1148-2		8/22/20	06 3:35 PN	M 8/23	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.08	mg/Kg	0.05	Kleinworth	8/24/2006	



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date:

8/24/2006

Client:

RSC-937

Taken by:

Date Sampled

J. Lynn

**PO** #:

05317.1

Time Sampled Date Received

#### Analysis Report

**Customer Sample ID** 

Sample ID.	Cust	omer Sample II	,	Date San	ipicu Time Sai	mpica Date I	cccivcu
S200608-1349		1149-1		8/22/20	06 3:37 F	PM 8/23	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.06	mg/Kg	0.05	Kleinworth	8/24/2006	
Sample ID: S200608-1350	Cust	omer Sample II 1149-2	)	<b>Date Sam</b> 8/22/20		•	Received /2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.18	mg/Kg	0.05	Kleinworth	8/24/2006	

Data Flag Legend:

Sample ID:

## **Laboratory Report Report ID: 77992**



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date:

8/24/2006

Client:

RSC-937

Taken by:

J. Lynn

PO #:

05317.1

#### **Quality Control Report**

Parameter		LCS, % Recovery	MS, % Recovery	MSD, % Recovery	RPD, %	Method Blank			
Mercury - AA	Cold Vapor	100.0	101.0	101.0	0.12	<0.05 mg/Kg			
Legend:		ory Control Standard Percent Difference	MS- Ma	trix Spike	MSD- Matrix S	pike Duplicate			

## SIERRA ENVIRONMENTAL MONITORING, INC. 1135 FINANCIAL BOULEVARD - RENO - NEVADA - 89502

\* KEY:

Degrees C

#### **CHAIN OF CUSTODY RECORD**

02/01

Client Name	sa re	e ( c	and the first of	Purchase	Order			Ar	nalyses	Requ	uested		Turnarour	nd Time		pliance itoring		
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Yes	stody Seal Intact  Samples are discarded 30 days after result  returned to client or disposed of at client ex  they are received by the laboratory. The lia													les as	SEM	coc		
Sample Te	mperature			t thirty days on approv			50,410,	, o			arre pare	101 11.0 10	port.		Form R	evised		

Sample Type: 1=Drinking Water, 2=Surface Water, 3=Ground Water, 4=Waste Water, 5=Soil, 6=RCRA, 7=Other

Preservative: 1=NaOH, 2=NaOH + ZnOAC, 3=HNO3, 4=H2SO4, 5=Na2S2O3, 6=None, 7=Other

## SIERRA ENVIRONMENTAL MONITORING, INC.

#### **CHAIN OF CUSTODY RECORD**

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Date	Time	Sample	Sample	Identification	Preservative*	a p					ľ		1	1 1	Rem	arks	╗ ,	рН			
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	stody Seal Intact Samples are discarded 30 returned to client or dispose they are received by the latest samples.			client or disposed of at	client expense.	The a	nalytic	al resu	lts as	socia	ed wi	th this	COC	apply	only to the sam		SEM	coc			

Sample Temperature

Degrees C

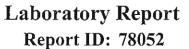
Terms: Net thirty days on approved credit.

\* KEY:

Sample Type: 1=Drinking Water, 2=Surface Water, 3=Ground Water, 4=Waste Water, 5=Soil, 6=RCRA, 7=Other

Preservative: 1=NaOH, 2=NaOH + ZnOAC, 3=HNO3, 4=H2SO4, 5=Na2S2O3, 6=None, 7=Other

Form Revised 02/01





Resource Concepts

Attn: Robin Eppard

Client: RSC-937

340 N. Minnesota Street

Carson City, NV 89703

Date: 8/28/2006

RSC-937

Taken by: J. Lynn

O5317.1

Dear Robin Eppard,

It is the policy of Sierra Environmental Monitoring, Inc to strictly adhere to a comprehensive Quality Assurance Plan that insures the data presented in this report are both accurate and precise. Sierra Environmental Monitoring, Inc. maintains accreditation in the State of Nevada (NV-15) and the State of California (ELAP 2526).

The data presented in this report were obtained from the analysis of samples received under a chain of custody. Unless otherwise noted below, samples were received in good condition, properly preserved and within the hold time for the requested analyses. Any anomalies associated with the analysis of the samples have been flagged with appropriate explanation in the Analysis Report section of this Laboratory Report.

#### General Comments:

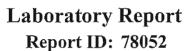
- There are no general comments for this report.

#### Individual Sample Comments:

- There are no specific comments that are associated with these samples.

Approved By:	Date:
loh tole	8/28/2006
Sierra Environmental Monitoring, Inc.	<del></del>

This report is applicable only to the sample received by the laboratory. The liability of the laboratory is limited to the amount paid for this report. This report is for the exclusive use of the client to whom it is addressed and upon the condition that the client assumes all liability for the further distribution of the report or its contents.





Date: Client: 8/28/2006 RSC-937

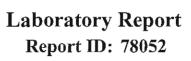
Taken by:

J. Lynn

PO #:

05317.1

Sample ID:	Cust	omer Sample II	Date San	ipled Time Sam	ipled Date R	Received		
S200608-1529		1101-1		8/24/20	006 2:17 Pi	M 8/25	/2006	
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag	
Mereury - AA Cold Vapor	EPA 245.5	0.11	mg/Kg	0.05	Kleinworth	8/28/2006		
Sample ID:	Cust	omer Sample II	)	Date San	npled Time Sam	ipled Date R	Received	
S200608-1530		1101-2		8/24/20	006 2:20 PI	M 8/25	/2006	
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag	
Mercury - AA Cold Vapor	EPA 245.5	0.06	mg/Kg	0.05	Kleinworth	8/28/2006		
Sample ID:	Custo	omer Sample II	)	Date Sam	•	•	leeeived	
S200608-1531		1102-1		8/24/20	06 2:23 Pi		/2006	
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag	
Mercury - AA Cold Vapor	EPA 245.5	0.10	mg/Kg	0.05	Kleinworth	8/28/2006		
Sample ID:	Custo	omer Sample II	)	Date Sam	ipled Time Sam	pled Date R	Received	
S200608-1532		1102-2		8/24/20	06 2:25 PM	M 8/25	/2006	
	Parameter Method Result			D		D.4.		
	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag	





Date: Client: 8/28/2006 RSC-937

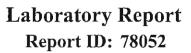
Taken by:

J. Lynn

PO #:

05317.1

Sample ID:	Customer Sample ID				npled Time Sa	Sampled Date		te Received	
S200608-1533		1103-1		8/24/20	006 2:27 1	PM	8/25	/2006	
Parameter	Method	Result	Units	Reporting Limit	Analyst		Date alyzed	Data Flag	
Mercury - AA Cold Vapor	EPA 245.5	0.12	mg/Kg	0.05	Kleinworth	8/2	28/2006		
Sample ID:	Custo	omer Sample ID	•	Date Sam	apled Time Sa	mpled	Date R	eceived	
S200608-1534		1103-2		8/24/20	2:30 1	PM	8/25	/2006	
_	Method	Result	Units	Reporting Limit	Analyst		Date alyzed	Data Flag	
Parameter	1.Ictilot						-		
Parameter Mercury - AA Cold Vapor	EPA 245.5	0.13	mg/Kg	0.05	Kleinworth	8/2	8/2006		
Mercury - AA Cold Vapor  Sample ID:	EPA 245.5	0.13 omer Sample ID 1104-1		0.05  Date Sam 8/24/20	ıpled Time Sa	mpled	Date R	eceived /2006	
Mercury - AA Cold Vapor	EPA 245.5	omer Sample ID		Date Sam	ıpled Time Sa	mpled PM	Date R		
Mercury - AA Cold Vapor  Sample ID: S200608-1535	EPA 245.5	omer Sample ID	)	Date Sam 8/24/20 Reporting	npled Time San 2006 2:32 I	mpled PM I An	Date R 8/25/	/2006 <b>Data</b>	
Mercury - AA Cold Vapor  Sample ID: S200608-1535  Parameter	Method EPA 245.5	omer Sample ID 1104-1 Result	Units mg/Kg	Date Sam 8/24/20 Reporting Limit	npled Time Sa 006 2:32 I Analyst Kleinworth	mpled PM I An	Date R 8/25/ Date alyzed 8/2006	/2006 <b>Data</b>	
Mercury - AA Cold Vapor  Sample ID: S200608-1535  Parameter  Mercury - AA Cold Vapor	Method EPA 245.5	omer Sample ID 1104-1 Result <0.05	Units mg/Kg	Date Sam 8/24/20 Reporting Limit 0.05	npled Time Sa 2:32 I Analyst Kleinworth	mpled PM I An 8/2	Date R 8/25/ Date alyzed 8/2006	/2006 Data Flag	
Mercury - AA Cold Vapor  Sample ID: S200608-1535  Parameter  Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	mer Sample ID 1104-1  Result <0.05	Units mg/Kg	Date Sam 8/24/20 Reporting Limit 0.05	npled Time Sa 2:32 I Analyst Kleinworth	mpled PM I An 8/2 mpled	Date R 8/25/ Date alyzed 8/2006	/2006 Data Flag	





Date: Client: 8/28/2006

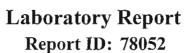
Taken by:

RSC-937 J. Lynn

PO #:

05317.1

Sample ID:	Cust	omer Sample ID	Date San	npled Time Sa	mpled Dat	e Received		
S200608-1537		1105-1		8/24/20	006 2:37 I	PM 8.	8/25/2006	
Parameter	Method	Result	Uuits	Reporting Limit	Analyst	Date Analyze	Data d Flag	
Mercury - AA Cold Vapor	EPA 245.5	0.09	mg/Kg	0.05	Kleinworth	8/28/200		
Sample ID:	Custo	omer Sample ID		Date San	npled Time San	mpled Dat	Received	
S200608-1538		1105-2		8/24/20	006 2:40 <b>F</b>	PM 8	25/2006	
Donomotor	Method	Result	Units	Reporting Limit	Analyst	Date Analyze	Data l Flag	
Parameter								
Mercury - AA Cold Vapor	EPA 245.5	0.09	mg/Kg	0.05	Kleinworth	8/28/2000	-	
		0.09 pomer Sample ID 1106-1	mg/Kg	0.05  Date Sam 8/24/20	npled Time San	mpled Dat	e Received 25/2006	
Mercury - AA Cold Vapor  Sample ID:		omer Sample ID	mg/Kg Units	Date Sam	npled Time San	mpled Dat	e Received 25/2006 Data	
Mercury - AA Cold Vapor  Sample ID: S200608-1539	Custo	omer Sample ID		Date Sam 8/24/20 Reporting	npled Time Sai	mpled Date	Received 25/2006 Data I Flag	
Mercury - AA Cold Vapor  Sample ID: S200608-1539  Parameter	Method EPA 245.5	omer Sample ID 1106-1 Result	Units	Date Sam 8/24/20 Reporting Limit	npled Time San 906 2:43 F Analyst Kleinworth	mpled Date PM 8/ Date Analyze 8/28/2006	Received 25/2006 Data I Flag	
Mercury - AA Cold Vapor  Sample ID: S200608-1539  Parameter  Mercury - AA Cold Vapor	Method EPA 245.5	nomer Sample ID 1106-1 Result 0.08	Units	Date Sam 8/24/20 Reporting Limit	npled Time San 106 2:43 F Analyst Kleinworth	mpled Date PM 8/ Date Analyze 8/28/2006	e Received 25/2006 Data I Flag	
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Date: Client: 8/28/2006

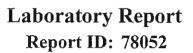
Taken by:

RSC-937 J. Lynn

PO #:

05317.1

Sample ID:	Cust	ple ID: Customer Sample ID						eceived
S200608-1541		1131-1		8/24/20	3:07	PM	8/25	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst		Date 1alyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.12	mg/Kg	0.05	Kleinworth	8/2	28/2006	
Sample ID:	Cust	omer Sample ID	)	Date San	npled Time S	ampled	Date R	eceived
S200608-1542	1131-2			8/24/20	3:10	PM	8/25	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst		Date ıalyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.10	mg/Kg	0.05	Kleinworth	8/2	28/2006	
The cold vapor						_		
Sample ID: S200608-1543	Custo	omer Sample ID		Date Sam 8/24/20	-	•		eceived
Sample ID:	Custo Met <b>h</b> od	•	Units		-	PM		
Sample ID: S200608-1543		1132-1		8/24/20 <b>Reporting</b>	3:13	PM An	8/25/ <b>Date</b>	/2006 <b>Data</b>
Sample ID: S200608-1543 Parameter	Method EPA 245.5	1132-1  Result	Units mg/Kg	8/24/20 Reporting Limit	Analyst Kleinworth	PM	8/25/ Date nalyzed 28/2006	/2006 <b>Data</b>
Sample ID: S200608-1543  Parameter  Mercury - AA Cold Vapor	Method EPA 245.5	Result 0.09	Units mg/Kg	8/24/20 Reporting Limit 0.05	Analyst Kleinworth  apled Time Sa	An 8/2	8/25/ Date nalyzed 28/2006	/2006 Data Flag
Sample ID: S200608-1543  Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result 0.09  omer Sample ID	Units mg/Kg	8/24/20 Reporting Limit 0.05  Date Sam	Analyst Kleinworth  apled Time Sa	An 8/2 ampled PM	8/25/ Date nalyzed 28/2006	Data Flag





Date: Client: 8/28/2006

Taken by:

RSC-937 J. Lynn

PO #:

05317.1

#### Analysis Report

Sample ID:	Custo	omer Sample II	)	Date Sam	pled Time Sa	mpled	Date Receive	
S200608-1545		1150-1		8/24/200	06 2:49 I	PM	8/25/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	. –	ate ilyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.20	0.05	Kleinworth	8/28	3/2006	U	

Sample ID:

**Customer Sample ID** 

Date Sampled Time Sampled Date Received

S200608-1546

1150-2

8/24/2006

3:04 PM

8/25/2006

				Reporting		Date	Data
Parameter	Method	Result	Units	Limit	Analyst	Analyzed	Flag
Mercury - AA Cold Vapor	EPA 245.5	0.13	mg/Kg	0.05	Kleinworth	8/28/2006	· ·

Data Flag Legend:

# **Laboratory Report Report ID: 78052**



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street

Carson City, NV 89703

Date:

8/28/2006

Client:

RSC-937

Taken by:

J. Lynn

PO #:

05317.1

#### **Quality Control Report**

Parameter	LCS, % Recovery	MS, % Recovery	MSD, % Recovery	RPD, %	Method Blank		
Mercury - AA Cold Vapor	94.0	97.0	95.0	2.07	<0.05 mg/Kg		
	ratory Control Standard ive Percent Difference	MS- Ma	trix Spike	MSD- Matrix S	pike Duplicate		
			_	2			

# SIERRA ENVIRONMENTAL MONITORING, INC. 1135 FINANCIAL BOULEVARD - RENO - NEVADA - 89502



PHONE: (7	DNE: (775) 857 - 2400																			
Client Name	TESOURCE CONTEPTS, Inc. Purchase Order 05-317, 1										Anal	yses F	Reque	sted			Turnarou	nd Time		pliance itoring
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Date Sampled	Time Sampled	Sample Type *		Sample Id	entification		Preservative* See Key Below	Number	6								Rema	arks	<2	pH >12
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Yes		None	_ re th	turned to d ey are rec	e discarded 30 da client or disposed eived by the labo thirty days on ap	l of at cl ratory.	lient expense. The liability of	The a	analytic	al resu	ults as	socia	ted wi	th this	COC	apply	only to the sam		Form	I COC Revised
•	Terms: Net thirty days on approved credit.  * KEY: Sample Type: 1=Drinking Water																	Other	02	2/01
Degrees	C			Preservative: 1=	:NaOH,	2=NaOH + Zno	OAC,	3=HN	O3, 4=	:H2SC	)4, 5=	Na2S	203, 6	=Non	e, 7=0	Other		1		

# SIERRA ENVIRONMENTAL MONITORING, INC. 1135 FINANCIAL BOULEVARD - RENO - NEVADA - 89502

			775) 857 - 2404 E-Mail se	m@sem-analytical.com Purchase Ord		_	1	A	nalyses	Reque	sted	~	Turnaroun	d Time	Comp	oliance
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Custody Seal Intact Samples are discarded 30 days after													ous samples will	be	1	
Yes No None returned to client or disposed of at client expense. The analytical results associated with this COC apply only to they are received by the laboratory. The liability of the laboratory is limited to the amount paid for the report.								les as	SEM	COC						
Sample Temperature Terms: Net thirty days on approved credit.														, ·	Form R	Revise /01
* KEY: Sample Type: 1=Drinking Water, 2  Degrees C Preservative: 1=NaOH, 2=NaOH														ther	1	٠,
					1											

## **Laboratory Report Report ID:** 78088



RSC-937

J. Lynn

05317.1

Resource Concepts

Attn: Robin Eppard

Client:

340 N. Minnesota Street

Carson City, NV 89703

PO #:

Dear Robin Eppard,

It is the policy of Sierra Environmental Monitoring, Inc to strictly adhere to a comprehensive Quality Assurance Plan that insures the data presented in this report are both accurate and precise. Sierra Environmental Monitoring, Inc. maintains accreditation in the State of Nevada (NV-15) and the State of California (ELAP 2526).

The data presented in this report were obtained from the analysis of samples received under a chain of custody. Unless otherwise noted below, samples were received in good condition, properly preserved and within the hold time for the requested analyses. Any anomalies associated with the analysis of the samples have been flagged with appropriate explanation in the Analysis Report section of this Laboratory Report.

#### General Comments:

- There are no general comments for this report.

#### **Individual Sample Comments:**

- There are no specific comments that are associated with these samples.

Approved By:

8/28/2006

Sierra Environmental Monitoring, Inc.

This report is applicable only to the sample received by the laboratory. The liability of the laboratory is limited to the amount paid for this report. This report is for the exclusive use of the client to whom it is addressed and upon the condition that the client assumes all liability for the further distribution of the report or its contents.

#### **Laboratory Report Report ID: 78088**



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703

Date:

8/28/2006

Client:

RSC-937

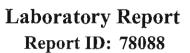
Taken by:

J. Lynn

PO #:

05317.1

Sample ID: S200608-1679	Cust	omer Sample II 1109-1	)	Date San 8/25/20	-	-	Received 8/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.08	mg/Kg	0.05	Kleinworth	8/28/2006	
Sample ID:	Cust	omer Sample II	)	Date San	npled Time Sai	mpled Date	Received
S200608-1680		1109-2		8/25/20	006 10:09	AM 8/2	8/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	8/28/2006	
Sample ID:	Cust	omer Sample II	)	Date Sam	ıpled Time Saı	mpled Date	Received
S200608-1681		1110-1		8/25/20	006 10:12	AM 8/2	8/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	8/28/2006	
Sample ID:	Cnst	omer Sample ID	)	Date Sam	•	-	Received
S200608-1682		1110-2		8/25/20	06 10:14 A	AM 8/23	3/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.16	mg/Kg	0.05	Kleinworth	8/28/2006	





Date:

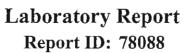
8/28/2006

Client: Taken by: RSC-937 J. Lynn

PO #:

05317.1

Sample ID:	Cust	omer Sample ID		Date San	npled	Time Sa	mpled	Date R	Received
S200608-1683		1129-1		8/25/20	006	11:46	AM	8/28	/2006
Parameter	Method	Result	Units	Reporting Limit	An	alyst		Date nalyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleii	nworth	8/2	28/2006	
Sample ID: S200608-1684	Cust	omer Sample ID		<b>Date San</b> 8/25/20	-	Time Sa:	-		teceived
5200000-1004		1129-2		Reporting	700	11,46		Date	Data
Parameter	Method	Result	Units	Limit	Ana	alyst		nalyzed	Flag
	EPA 245.5	0.12	mg/Kg	0.05	Kleir	nworth	8/2	28/2006	
Mercury - AA Cold Vapor									
Sample ID: S200608-1685	Cnste	omer Sample ID 30-1 (Back)	8.1.6	<b>Date Sam</b> 8/25/20	•	Time San	mpled	Date R	eceived
Sample ID:	Cnste	omer Sample ID	Units		006	Time Sar	mpled AM	Date R	
Sample ID: S200608-1685	Cnste	omer Sample ID 30-1 (Back)		8/25/20 <b>Reporting</b>	Ana	Time Sar 11:39	mpled AM	Date R 8/28 Date	/2006 <b>Data</b>
Sample ID: S200608-1685 Parameter	Cnste 11: Method EPA 245.5	omer Sample ID 30-1 (Back) Result	Units	8/25/20 Reporting Limit	Ana Kleir	Time San 11:39	mpled AM An 8/2	Date R 8/28 Date nalyzed 28/2006	/2006 <b>Data</b>
Sample ID: S200608-1685  Parameter  Mercury - AA Cold Vapor	Cnste 11: Method EPA 245.5	omer Sample ID 30-1 (Back) Result	Units	8/25/20 Reporting Limit 0.05	Ana Kleir	Time San 11:39 A alyst nworth	mpled AM An 8/2	Date R 8/28. Date nalyzed 28/2006	/2006 Data Flag
Sample ID: S200608-1685  Parameter Mercury - AA Cold Vapor  Sample ID:	Cnste 11: Method EPA 245.5	omer Sample ID 30-1 (Back)  Result 0.17  omer Sample ID	Units	8/25/20 Reporting Limit 0.05  Date Sam	Ana Kleir Ipled	Time San 11:39 A alyst nworth	mpled AM 8/2 mpled	Date R 8/28. Date nalyzed 28/2006	/2006 Data Flag





Date:

8/28/2006

Client:

RSC-937

Taken by:

J. Lynn

PO #:

05317.1

Sample ID: Customer Sample ID			Date Sam	ipled Time Sa	mpled	Date R	leceived	
S200608-1687		1144-1		8/25/20	10:16	AM	8/28	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	_	Date alyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.10	mg/Kg	0.05	Kleinworth	8/28	8/2006	
Sample ID:	Custo	omer Sample ID		Date Sam	pled Time Sa	mpled	Date R	leceived
S200608-1688		1144-2		8/25/20	06 10:18	AM	8/28	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	_	)ate alyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.10	mg/Kg	0.05	Kleinworth	8/28	8/2006	
Sample ID:	Custo	omer Sample ID		<b>T</b>	1 1 mm c			
		omer sample to		Date Sam	ipled Time Sai	mpled	Date R	eceived
S200608-1689		1145-1		8/25/20	-	•		eceived /2006
S200608-1689  Parameter	Method	-	Units		-	AM E		
		1145-1	Units mg/Kg	8/25/20 Reporting	06 10:20	AM D Ana	8/28 <i>i</i> <b>Date</b>	/2006 <b>Data</b>
Parameter Mercury - AA Cold Vapor	Method EPA 245.5	Result 0.07		8/25/20 Reporting Limit 0.05	Analyst Kleinworth	AM	8/28/ Date alyzed 8/2006	/2006 Data Flag
Parameter	Method EPA 245.5	Result 0.07  Omer Sample ID		8/25/20 Reporting Limit	Analyst Kleinworth	AM	8/28/ Date alyzed	/2006 Data Flag
Parameter Mercury - AA Cold Vapor	Method EPA 245.5	Result 0.07		8/25/20 Reporting Limit 0.05	Analyst Kleinworth  pled Time Sar	AM  C Ana 8/28  mpled	8/28/ Date alyzed 3/2006 Date R	/2006 Data Flag
Parameter  Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result 0.07  Omer Sample ID		8/25/20 Reporting Limit 0.05  Date Sam	Analyst Kleinworth  pled Time Sar	AM  Ana 8/28  mpled  AM	8/28/ Date alyzed 3/2006 Date R	/2006 Data Flag

# **Laboratory Report Report ID: 78088**



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date:

8/28/2006

Client:

RSC-937

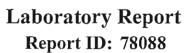
Taken by:

J. Lynn

PO #:

05317.1

Sample ID:	Custo	omer Sample ID	)	Date San	npled Time Sai	mpled Da	te Received
S200608-1691		1146-1		8/25/20	10:32	AM	8/28/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyz	
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	8/28/20	06
Sample ID:	Custo	omer Sample ID	1	Date San	ıpled Time Saı	mpled Da	te Received
S200608-1692		1146-2		8/25/20	10:29	AM	8/28/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyz	
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	8/28/20	06
Carrela ID.							
Sample ID: \$200608_1693	Custo	omer Sample ID	1	Date Sam	•	•	te Received
Sample ID: S200608-1693	Custo Method	omer Sample ID 1151-1 Result	Units	Date Sam 8/25/20 Reporting Limit	•	•	8/28/2006 <b>Data</b>
S200608-1693		1151-1		8/25/20 Reporting	006 11:05 A	AM Date	8/28/2006 Data ed Flag
S200608-1693  Parameter	Method EPA 245.5	1151-1 Result	Units mg/Kg	8/25/20 Reporting Limit	Analyst Kleinworth	Date Analyz 8/28/20	8/28/2006 Data ed Flag
S200608-1693  Parameter  Mercury - AA Cold Vapor	Method EPA 245.5	Result <0.05	Units mg/Kg	8/25/20 Reporting Limit 0.05	Analyst Kleinworth  apled Time Sar	AM Date Analyz 8/28/200	8/28/2006
Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result <0.05	Units mg/Kg	8/25/20 Reporting Limit 0.05  Date Sam	Analyst Kleinworth  apled Time Sar	AM Date Analyz 8/28/200	8/28/2006  Data ed Flag 06  te Received 8/28/2006  Data





Date: Client: 8/28/2006 RSC-937

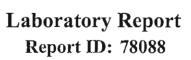
Taken by:

J. Lynn

PO #:

05317.1

Sample ID:	Cnstomer Sample ID			Date San	npled Time Sar	mpled Date I	Received
S200608-1695		1152-1		8/25/20	006 11:10 A	AM 8/28	3/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	8/28/2006	
Sample ID:	Cust	omer Sample ID		Date San	npled Time San	npled Date I	Received
S200608-1696		1152-2		8/25/20	006 11:12 A	AM 8/28	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.05	mg/Kg	0.05	Kleinworth	8/28/2006	,
Sample ID: S200608-1697	Custo	omer Sample ID		Date Sam 8/25/20	•	-	Received /2006
-	Custo Method	•	Units		-	-	
S200608-1697		1203-1	Units mg/Kg	8/25/20 Reporting	06 11:27 A	AM 8/28 Date	/2006 <b>Data</b>
S200608-1697  Parameter	Method EPA 245.5	1203-1 Result		8/25/20 Reporting Limit	Analyst Kleinworth	AM 8/28  Date Analyzed  8/28/2006	/2006 <b>Data</b>
Parameter  Mercury - AA Cold Vapor	Method EPA 245.5	1203-1  Result  <0.05		8/25/20 Reporting Limit 0.05	Analyst Kleinworth  upled Time San	AM 8/28  Date Analyzed 8/28/2006  mpled Date F	/2006 Data Flag
Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result <a><a><a><a><a><a><a><a><a><a><a><a><a>&lt;</a></a></a></a></a></a></a></a></a></a></a></a></a>		8/25/20 Reporting Limit 0.05  Date Sam	Analyst Kleinworth  upled Time San	AM 8/28  Date Analyzed 8/28/2006  mpled Date F	/2006 Data Flag





Date:

8/28/2006

Client:

RSC-937

Taken by:

J. Lynn

PO #:

05317.1

Sample ID:	Cust	omer Sample ID		Date San	ipled	Time Sar	mpled	Date F	Received
S200608-1699		1204-1		8/25/20	006	11:23	AM	8/28	/2006
Parameter	Method	Result	Units	Reporting Limit	An	alyst		Date ialyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kle	inworth	8/2	28/2006	
Sample ID:	Custo	omer Sample ID		Date San	ipled	Time Sar	mpled	Date R	Received
S200608-1700		1204-2		8/25/20	006	11:26	AM	8/28	/2006
Parameter	Method	Result	Units	Reporting Limit	An	alyst		Date iałyzed	Data Flag
Mereury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Klei	nwortlı	8/2	28/2006	
					ıpled				leceived
\$200608-1701		30-1 (Front) Result	Units	8/25/20 Reporting Limit	06	11:35 A	]	Date	/2006 <b>Data</b>
Parameter Mercury - AA Cold Vapor	Method EPA 245.5	Result 0.12	Units mg/Kg	Reporting	06 <b>A</b> n	11:35 A	An		/2006
Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result 0.12  Dimer Sample ID		Reporting Limit 0.05	An Klei	alyst nworth Time San	An 8/2 npled	Date alyzed 8/2006 Date R	/2006 Data Flag
Parameter Mercury - AA Cold Vapor	Method EPA 245.5	<b>Resnlt</b> 0.12		Reporting Limit 0.05 Date Sam 8/25/20	An Klei	alyst nworth	An 8/2 npled	Date 18/2006 Date R 8/28	/2006 Data Flag Received /2006
Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result 0.12  Dimer Sample ID		Reporting Limit 0.05	An Klei	alyst nworth Time San	An 8/2  npled	Date alyzed 8/2006 Date R	/2006 Data Flag

#### **Laboratory Report Report ID: 78088**



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703

Date:

8/28/2006

Client: Taken by: RSC-937 J. Lynn

PO #:

05317.1

#### Quality Control Report

Parameter	LCS, % Recovery	MS, % Recovery	MSD, % Recovery	RPD, %	Method	Blank
Mercury - AA Cold Vapor	93.0	116.0	95.0	19.69	< 0.05	mg/Kg
Mercury - AA Cold Vapor	93.0	91.0	88.0	3.84	< 0.05	mg/Kg

Legend: LCS- Laboratory Control Standard RPD- Relative Percent Difference

MS- Matrix Spike

MSD- Matrix Spike Duplicate

#### SIERRA ENVIRONMENTAL MONITORING, INC. 1135 FINANCIAL BOULEVARD - RENO - NEVADA - 89502 1135 FINANCIAL BOULEVARD - RENO - NEVADA - 89502



PHONE: (7)	75) 857 - 240	0 FAX:	(775) 857 - 240	4 E-Mail se	m@sem-analytical.com														
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1	Terms: Net thirty days on approved credit.  * KEY: Sample Type: 1=Drinking Water  Preservative: 1=NaOH, 2=NaO																Other	H .	2/01
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# SIERRA ENVIRONMENTAL MONITORING, INC. 1135 FINANCIAL BOULEVARD - RENO - NEVADA - 89502



PHONE: (7	75) 857 - 240	0 FAX:	(775) 857 - 24	04 E-Mail se	m@sem-analytica	l.com																
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#### SIERRA ENVIRONMENTAL MONITORING, INC.

1135 FINANCIAL BOULEVARD - RENO - NEVADA - 89502

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### STATE OF NEVADA

Department of Conservation & Natural Resources

Kenny C. Guinn, Governor Allen Biaggi, Director

Leo M. Drozdoff, P.E., Administrator

## DIVISION OF ENVIRONMENTAL PROTECTION BUREAU OF CORRECTIVE ACTIONS

P: 775.687.9368 F: 775.687.8335

June 14, 2006

Ms. Robin Eppard Resource Concepts, Inc. 340 N. Minnesota St., Suite 230 Carson City, NV 89703



Subject: No Further Action

Location: Riverpark Subdivision, Units 11 & 12

RE: Superfund Reference Document, dated April 27, 2006

Dear Ms. Eppard:

The Nevada Division of Environmental Protection (NDEP) has reviewed the "Reference Document" relating to surface soils sampling for mercury at Units 11 & 12 of Riverpark Subdivision, Dayton, Nevada. Copies are to be distributed to and stored by the NDEP in Carson City and by Lyon County. The purpose of the Reference Document is to provide information related to mercury in surface soils in the Carson River Mercury Superfund site, and to act as one component of the Durable Notification Mechanism (DNM). The DNM is one requirement under "Option A" as outlined in the NDEP Letter, dated June 2, 2005. Upon receipt by NDEP of the Final Reference Document and recordation of the Environmental Covenant (deed restriction) Lennar will be deemed in compliance with the requirements of "Option A". The other major component of the DNM is a Long-Term Soils Management Plan (LTSMP), which will involve a variety of methods to ensure that property owners and residents in Riverpark Subdivision are aware of the site status. The LTSMP will be developed by the NDEP and implemented by both NDEP and Lyon County.

Sampling results of finish-grade soils in Riverpark Units 11 & 12 were less than the EPA action levels for residential properties (80 mg/Kg). Based on the information provided by Lennar Communities and their consultant, Resource Concepts, Inc., the NDEP will require no further assessment or remediation at this time of Riverpark Units 11 & 12. This closure of investigation is subject to the sampling data and information presented in the Reference Document. If new information is presented or future conditions warrant, the NDEP may request further information, data, investigation and/or remediation.

If you have any questions, or if I may be of further assistance, please do not hesitate to contact me at (775) 687-9385 or by e-mail at <a href="mailto:igardner@ndep.nv.gov">igardner@ndep.nv.gov</a>, or Sam Jackson at (775) 687-9381.

Jeryl Gardner

Sincenely.

Environmental Scientist III

Superfund & Abandoned Mine Lands Programs

Bureau of Corrective Actions

cc: Lennar Communities, 10315 Professional Circle, Ste 110, Reno, NV 89521
Chairman, Lyon County Board of Commissioners, 27 S. Main St., Yerington, NV 89447
Wayne Praskins, Superfund Project Manager, USEPA-Region 9, 75 Hawthorne St., San Francisco, CA 94105
Sam Jackson, Supervisor, NDEP –Superfund Branch (electronic copy only)





## Additional Sampling Information

Sampling information relating to Unit 11 generated after the date on the cover of this Reference Document by regulatory agencies, property owners, or their agents, may be archived behind this page.

## **UNIT 12**

Final Grade Data



### STATE OF NEVADA

Department of Conservation & Natural Resources

Kenny C. Guinn, Governor Allen Biaggi, Director

Leo M. Drozdoff, P.E., Administrator

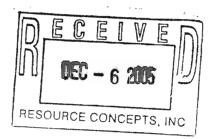
DIVISION OF ENVIRONMENTAL PROTECTION BUREAU OF CORRECTIVE ACTIONS

P: 775.687.9368 F: 775.687.8335

December 2, 2005

Mr. Ed Davis Riverpark Properties, LLC 9856 Business Park Dr., Suite A Sacramento, CA 95827

Reynen & Bardis Development, LLC 1380 Greg St., Suite 230 Sparks, NV 89431



RE: Tentative Map Review of Revised Phase III (Units 11-20) – Riverpark Subdivision, Dayton, NV

Dear Sirs:

The Nevada Division of Environmental Protection (NDEP) received the Revised Tentative Map for Riverpark Subdivision – Units 11-20 on November 22, 2005. The map shows the proposed residential development of 523 single family lots south of US50, east of Dayton, NV.

The Carson River Mercury Site (CRMS) encompasses approximately a 50-mile stretch of the Carson River beginning near Carson City, Nevada and extending downstream through the Lahontan Reservoir to the terminal wetlands in the Carson Desert, and tailings piles associated with the Comstock Lode. In August of 1990 the U.S. Environmental Protection Agency (EPA) added the CRMS to the National Priorities List (NPL) under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), commonly referred to as Superfund. The contaminant of concern is mercury resulting from historic mining and milling practices during the "Comstock Lode". The NDEP has determined that the proposed revised Riverpark Development Phase III – Units 11-20 lie at least partially within the borders of the CRMS (units 18 and 20, particularly, lie within the FEMA 100-yr floodplain).

In December 1994 EPA finalized a Human Health Risk Assessment and Remedial Investigation Report (HHRA/RIR) for the area. A residential clean-up level for total mercury of 80 mg/kg (ppm) was set for the site. This is based on the risk and probability of direct oral ingestion of elemental mercury by a 15 kg child at residential residence times (long term). In soils with less than 80 mg/kg total mercury, no mitigation may be required. As such, the goal of any mitigation of the total mercury hazard (greater than 80 mg/kg) is to prevent direct exposure to contaminated soils. These findings were finalized in the EPA "Record of Decision" dated March 30, 1995.

As stated previously in other Riverpark units map reviews, and based on the aforementioned information, the NDEP offers two options to current and future developments that fall at least partially within the CRMS boundaries. Option A includes statistically representative sampling of the finish grade residential soils in the Riverpark



Revised Phase III Development once major earthwork (greater than a depth of 2 feet) is completed. A sampling plan for finished grade residential soils from depths of 0-2 feet. signed by a Nevada Certified Environmental Manager (CEM), must be submitted and approved by the NDEP - Bureau of Corrective Actions (BCA) prior to any sampling. (The BCA suggests a higher sampling density for Units 18 and 20 than for the other units in revised Phase III). A complete report of all sampling results will be provided to the BCA for review and approval prior to any soil remediation work. Option A also includes a durable notification mechanism, such as a deed restriction, to all current and future landowners and lease-holders of the potential hazard associated with mercury contamination within CRMS boundaries. Another component of the durable notification mechanism is an on-going Soils Management Plan (SMP) that will ensure that no direct exposure to potentially contaminated soils occurs. The SMP and subsequent SMP updates must be submitted to the BCA for approval prior to any ground-disturbing work that will occur at depths of 2 feet or greater. The BCA will be happy to discuss with you other methods of public outreach to supplement the primary durable notification mechanisms.

Option B includes statistically representative sampling of finished grade residential soils to a depth of 8 feet and a requisite sampling plan, signed by a Nevada Certified Environmental Manager (CEM) that must be submitted to and approved by the BCA prior to any sampling. Upon sampling completion a report of all sampling results will be provided to the BCA for review and approval prior to any soil remediation work. A durable notification mechanism and ancillary SMP are not required under Option B.

If you have any questions, or if we can be of further assistance, please do not hesitate to contact me at (775) 687-9385, or Sam Jackson, NDEP–BCA Superfund Supervisor, at (775) 687-9381.

Jer/I Gardner

Environmental Scientist III
Bureau of Corrective Actions

cc:

Robin Eppard, Resource-Concepts, Inc., 340 N. Minnesota St., Carson City, NV 89703

Jacob R. Hildebrand, P.E., TEC Civil Engineering Consultants, 500 Damonte Ranch Parkway, Suite 1056, Reno, NV 89511

Nick Malarchik, Community Development Director, Lyon County Community Development, 27 S. Main St., Yerington, NV 89447

Leroy Goodman, Chairman, Lyon County Board of Commissioners, 27 South Main St, Yerington, NV 89447

Wayne Praskins, Superfund Project Manager, USEPA -Region 9, 75 Hawthorne St., San Francisco, CA 94105

Samuel Jackson, Brownfields Supervisor, NDEP -Bureau of Corrective Actions (electronic copy

Cliff Lawson, NDEP -Bureau of Water Pollution Control

February 21, 2006

Mr. Jeryl Gardner, ES III Bureau of Corrective Actions Nevada Division of Environmental Protection 901 South Stewart Street, Suite 3001 Carson City, Nevada 89701

SUBJECT: Request for approval for sampling and analysis plan for Units 11 and 12,

Riverpark Subdivision, Dayton, Nevada.

Dear Mr. Gardner:

Resource Concepts, Inc. (RCI) has been engaged by Lennar Communities, current owner of Units 11 and 12 of Riverpark Subdivision (Figure A), to conduct sampling of soils consistent with Option A as described in your letters of June 2, 2005 and July 12, 2005. Lennar Communities has agreed to develop Units 11 and 12 consistent with Option A criteria as developed by Reynen & Bardis for Riverpark. In return, Reynen & Bardis has agreed to share the "Reynen & Bardis Riverpark Subdivision, Dayton, Nevada, Unit 8 Sampling and Analysis Plan, Mercury in Soils at Final Grade" report dated December 2004 (December 2004 SAP) with Lennar for use in satisfying part of the requirements of Option A.

RCI has previously discussed incorporating the December 2004 SAP by reference in securing approval from NDEP for sampling other units within the Riverpark Subdivision. This idea has received verbal approval from your office. Therefore, sample protocol for Units 11 and 12 will be consistent with the December 2004 SAP by reference. Actual sample grids for Units 11 and 12, including sample QA/QC collection points, are attached for your review.

Samples will be submitted to Sierra Environmental Monitoring (Reno, Nevada) for total mercury analysis using EPA Test Method 245.5. Analytical data will be summarized in table format, and added to the existing database for the Riverpark Subdivision and surrounding areas, and evaluated using Surfer<sup>TM</sup> Software. A report of findings will be provided to NDEP for review. Upon your concurrence with the findings, this information will be included in the Riverpark Subdivision, Dayton, Nevada, Reference Document, copies of which will be held at NDEP Bureau of Corrective Actions (Carson City, Nevada) and the Lyon County Assessors

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Mr. Jeryl Gardner, ES III February 21, 2006 Page 2

Office (Yerington, Nevada). As a chapter in the Reference Document, Units 11 and 12 will have satisfied the durable notification requirement under Option A.

In order to maintain site development schedules, RCI would appreciate a response to this request by February 27, 2006 so that sampling may begin on March 1, 2006. Please do not hesitate to contact me should you wish to discuss any aspect of this project in further detail.

#### LCB File No. R016-96

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 regulations and ordinances.

SAP for Sampling Total Mercury in Soils within the CRMS

W. Mans Tekecer / for
Robin Anne Eppard

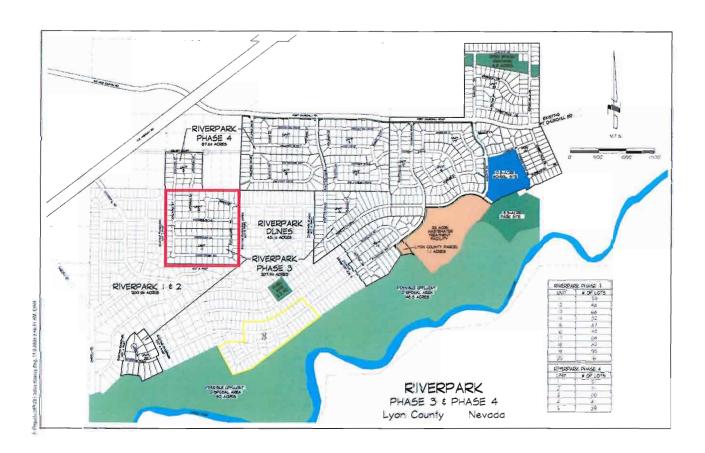
Certified Environmental Manager (#1427)

Expires: March 8, 2007

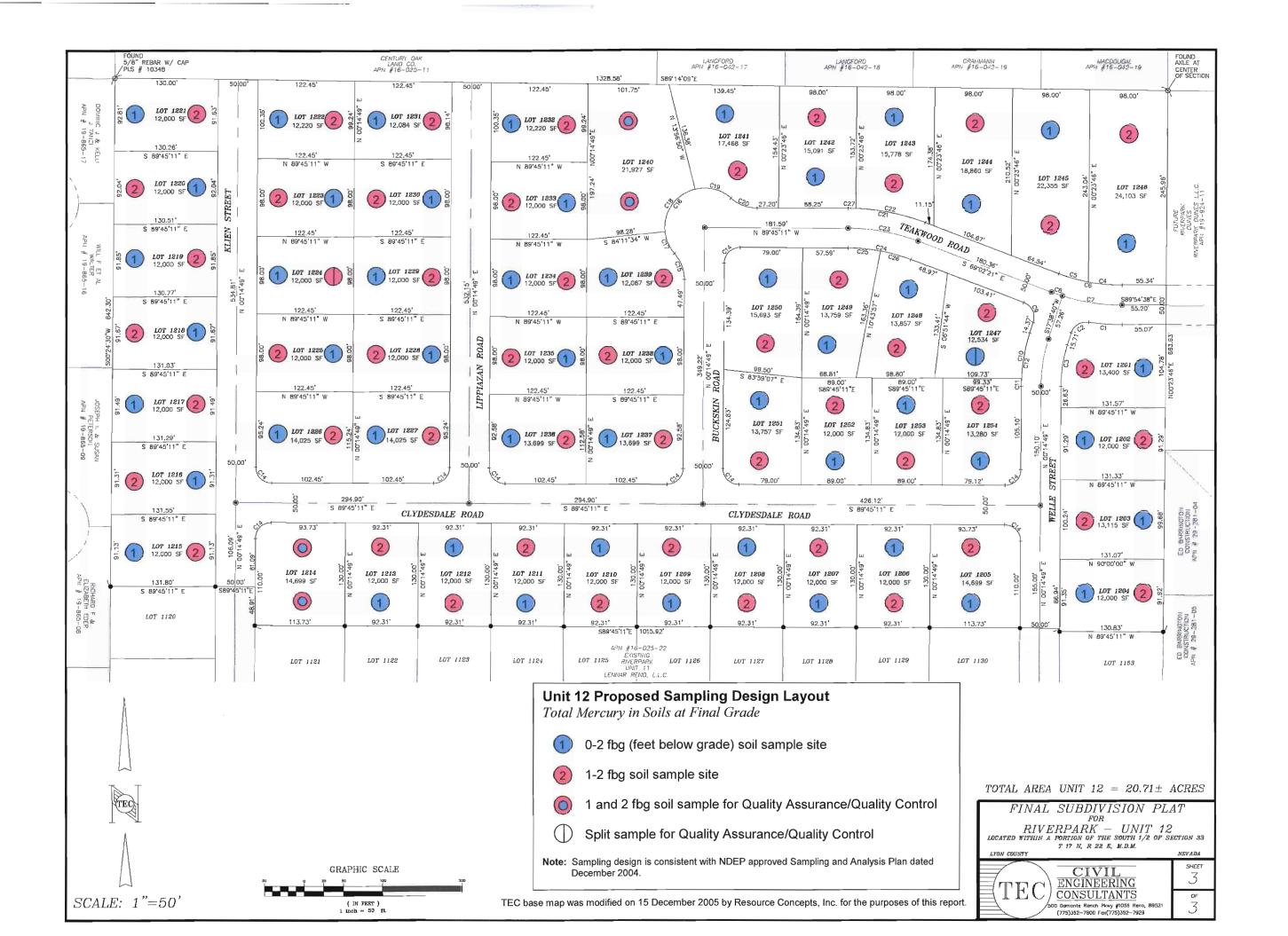
Attachments

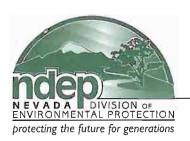
cc: Ed Davis, Reynen & Bardis

John Griffin, Esq.



Units 11 and 12 are encircled in red. Previously sampled Units are encircled in yellow.





### STATE OF NEVADA

Department of Conservation & Natural Resources

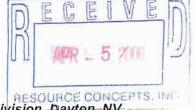
Kenny C. Guinn, Governor Allen Biaggi, Director

Leo M. Drozdoff, P.E., Administrator

#### DIVISION OF ENVIRONMENTAL PROTECTION BUREAU OF CORRECTIVE ACTIONS

P: 775.687.9368 F: 775.687.8335 March 31, 2006

Ms. Robin Anne Eppard, CEM Resource Concepts, Inc. 340 N. Minnesota St., Suite 230 Carson City, NV 89703



RE: Sampling and Analysis Plan for Units 11 & 12 - Riverpark Subdivision, Dayton, NV

Dear Ms. Eppard:

On February 22, 2006, the Nevada Division of Environmental Protection (NDEP) received the 'Request for Approval for sampling and analysis plan for Units 11 and 12, Riverpark Subdivision, Dayton, NV' prepared by Resource Concepts, Inc (RCI) for Lennar Communities, LLC. This request referred to a previously NDEP-approved sampling plan, submitted on January 26, 2005 for Reynen and Bardis' Riverpark Unit 8. The referred-to plan addresses the NDEP's soil sampling requirements outlined in two letters dated June 2 and July 12, 2005 for Units 11 and 12, respectively. Developers and sub-developers of residential areas within the Carson River Mercury Superfund area are required to demonstrate that a minimum of 2 ft of clean fill (<80 mg/Kg total mercury) exists throughout the development at final grade.

The NDEP has reviewed the plan and concurs with the sampling approach outlined by RCI. If all analyzed soil samples indicate less than 80 mg/Kg total mercury and the properties in Units 11 and 12 are accompanied by the institutional controls outlined in the letters dated June 2 and July 12, 2005, the NDEP will concur that Lennar has demonstrated that the finish-grade soils in Units 11 and 12 of Riverpark Subdivision do not pose a threat to human health. In the sampling plan approval request it was also stated that a "report of findings" will be provided to NDEP and upon NDEP approval of the report it would be included in a comprehensive "Reference Document" to be stored at NDEP. To date NDEP has not received any sampling results from Riverpark subdivision; NDEP anticipates delivery of this report and previous sampling results in the near future, before approval of future sampling plans. The long-term institutional controls (durable notice mechanism) mentioned in this sampling plan approval request apply to Lennar and residents of Riverpark subdivision are also discussed in a draft environmental covenant prepared by John W. Griffin of Crowell, Susich, Tackes & Griffin, Ltd. NDEP concurs with the overall intent of the draft environmental covenant and looks forward to a final version that will be protective of all future property owners in Riverpark subdivision.

If you have any further questions, or if I can be of further assistance, please do not hesitate to contact me at (775) 687-9385.

Sincerely

Jewil Gardner

Environmental Scientist III

Superfund and Abandoned Mine Lands Programs

Bureau of Corrective Actions

cc: John Griffin, Esq., 510 W. Fourth St., Carson City, 89702 Ed Davis, Reynen & Bardis, 1380 Greg St., Suite 230, Sparks, NV 89431 Nick Malarchik, Community Development Director, Lyon County Community Development, 27 S. Main St., Yerington, NV 89447

Chairman, Lyon County Board of Commissioners, 27 South Main St, Yerington, NV 89447

Wayne Praskins, Superfund Project Manager, USEPA-Region 9, 75 Hawthorne St., San Francisco, CA 94105

Sam Jackson, Supervisor, NDEP-Superfund Branch (electronic copy only)





## Option A Report – Unit 12

## Scope of Work

A total of 112 samples from 54 lots were collected from Unit 12 between March 7 and March 9, 2006. Sample collection was consistent with the NDEP approved SAP dated December 2004. A copy of the approved SAP is included in a separate section of this reference document.

## Methodology

Each lot was sampled at two locations, one in the front yard and one in the back yard. One of the samples represented soils from 0-1 foot below grade (fbg), and the other represented soils from 1-2fbg.

Quality control/quality assurance samples were collected as follows:

- Lots 1214 and 1240 were sampled at both the 0-1 and 1-2fbg levels, from both the front and back yards; and
- The analytical laboratory randomly picked one sample (1201 at 1-2fbg) to split and run as a duplicate.

Sampling equipment was decontaminated between sample locations. Soil from the designated depth at each location was placed in a clean plastic bag and mixed. A subsample was then collected and placed in a clean ziploc baggie for transport to the analytical laboratory. Samples were analyzed for total mercury using EPA Test Method 245.5 (laboratory reports enclosed). The reporting limit was set at 0.05mg/Kg, which is well below the U.S. EPA regulatory limit of 80mg/Kg for residential land use.

A visual survey of the sample holes and surrounding areas was conducted during the sampling effort. Special attention was paid to soils appearing pale yellow in color, as this color can be an indication of the presence of tailings.

Sampling locations were surveyed in the field using a Trimble 5800 survey-grade GPS receiver tied into centerline monuments.

## Resampling

Highly expansive clay soils were found on lots at Units 11 and 12. This discovery resulted in overexcavation of 2 affected lots on Unit 12 and placement of new structural fill on those lots. RCI re-established the original sampling locations and resampled the soils on these lots (on August 25, 2006) in accordance with all previously approved sampling plans and protocols. Included in this section are the original data table (Table 12-A) and the figure (Figure 12-A) presenting the original sampling results with cross-hatching to indicate the affected lots, and a revised data table (Table 12-A Revised) and figure (Figure 12-A Revised) that reflects mercury levels after overexcavation and fill replacement.

#### Results

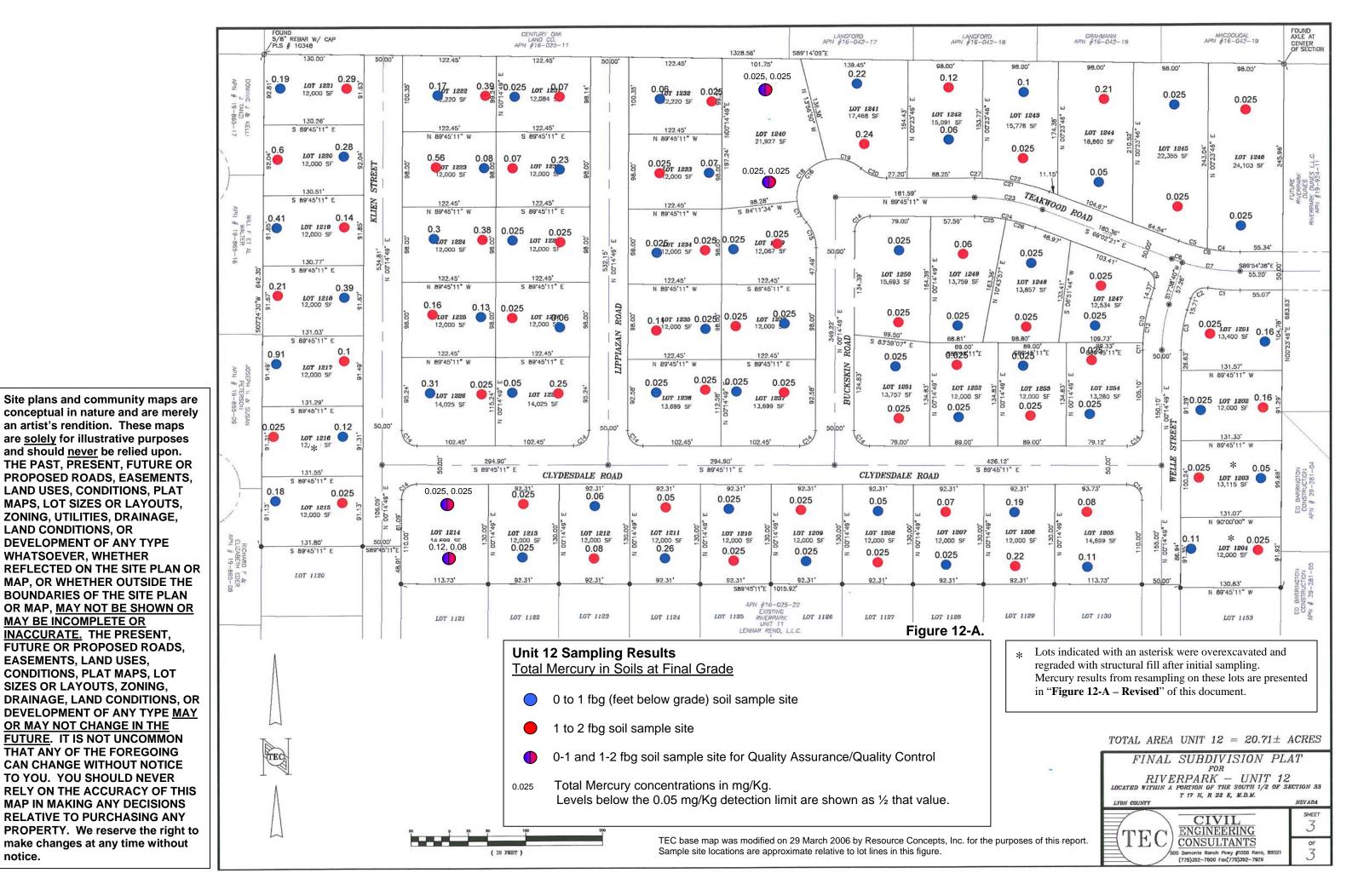
The analytical data (Table 12-A Revised) indicate that the minimum concentration of mercury in soils at both the 0-1 and 1-2fbg levels was below the detection limit of 0.05mg/Kg. For statistical purposes, these data are entered as ½ that value, or 0.025mg/Kg. The maximum concentration of mercury in soils was 0.91mg/Kg from the 0-1fbg level, and 0.60mg/Kg for soils from the 1-2fbg level. The average value for mercury from the 0-1fbg level was 0.11mg/Kg, and 0.10mg/Kg from the 1-2fbg level. Finally, the median value all soil samples from the 0-1fbg level was 0.038mg/Kg, and 0.025mg/Kg from the 1-2fbg level. All samples collected from Unit 12 are well below the regulatory limit of 80mg/Kg.

A pictorial representation of the analytical data using Surfer™ Software is presented in Figure 12-A Revised. Figure 12-B illustrates a summary of sample collection locations to date. Contour lines for total mercury are not shown because analytical results at or near 80mg/Kg were absent.

Table 12-A **Summary of Unit 12 Testing for Total Mercury in Soils** Riverpark Subdivision, Dayton, Nevada

0-1fbg				1-2fbg			
Lot Number	Total Mercury (mg/Kg)	Lot Number	Total Mercury (mg/Kg)	Lot Number	Total Mercury (mg/Kg)	Lot Number	Total Mercury (mg/Kg)
1201-1	0.16	1228-1	0.06	1201-2	0.025	1228-2	0.025
1202-1	0.025	1229-1	0.025	1201-2DUP	0.025	1229-2	0.025
1203-1	0.05*	1230-1	0.23	1202-2	0.16	1230-2	0.07
1204-1	0.11*	1231-1	0.025	1203-2	0.025*	1231-2	0.07
1205-1	0.11	1232-1	0.06	1204-2	0.025*	1232-2	0.025
1206-1	0.19	1233-1	0.07	1205-2	0.08	1233-2	0.025
1207-1	0.025	1234-1	0.025	1206-2	0.22	1234-2	0.025
1208-1	0.05	1235-1	0.025	1207-2	0.07	1235-2	0.11
1209-1	0.025	1236-1	0.025	1208-2	0.025	1236-2	0.025
1210-1	0.025	1237-1	0.025	1209-2	0.025	1237-2	0.025
1211-1	0.26	1238-1	0.025	1210-2	0.025	1238-2	0.025
1212-1	0.06	1239-1	0.025	1211-2	0.05	1239-2	0.025
1213-1	0.025	1240-1F	0.025	1212-2	0.08	1240-2B	0.025
1214-1F	0.025	1240-1B	0.025	1213-2	0.025	1240-2F	0.025
1214-1B	0.12	1241-1	0.22	1214-2B	0.08	1241-2	0.24
1215-1	0.18	1242-1	0.06	1214-2F	0.025	1242-2	0.12
1216-1	0.12	1243-1	0.10	1215-2	0.025	1243-2	0.025
1217-1	0.91	1244-1	0.05	1216-2	0.025	1244-2	0.21
1218-1	0.39	1245-1	0.025	1217-2	0.10	1245-2	0.025
1219-1	0.41	1246-1	0.025	1218-2	0.21	1246-2	0.025
1220-1	0.28	1247-1	0.025	1219-2	0.14	1247-2	0.025
1221-1	0.19	1248-1	0.025	1220-2	0.60	1248-2	0.025
1222-1	0.17	1249-1	0.025	1221-2	0.29	1249-2	0.06
1223-1	0.08	1250-1	0.025	1222-2	0.39	1250-2	0.025
1224-1	0.30	1251-1	0.025	1223-2	0.56	1251-2	0.025
1225-1	0.13	1252-1	0.025	1224-2	0.38	1252-2	0.025
1226-1	0.31	1253-1	0.025	1225-2	0.16	1253-2	0.025
1227-1	0.05	1254-1	0.025	1226-2	0.025	1254-2	0.025
				1227-2	0.25		
	n=		56		n=		57
	Minimum value		0.025		Minimum value		0.025
	Maximum value		0.91		Maximum value		0.60
	Mean value		0.11		Mean value		0.10
	Median value		0.05		Median value		0.025

- Notes: 1. Values below the 0.05mg/Kg detection limit are reported here as ½ that value.
  - 2. "F" and "B" denote the front and back of those lots where samples were taken at the 1- and 2- foot levels at both sample locations for quality control purposes.
  - 3. "DUP" denotes a duplicate sample selected at random by the laboratory to validate sub sample collection accuracy.
  - 4. (\*) indicates original sampling data for lots later overexcavated, regraded with new structural fill, and resampled by RCI. See "Table 12-A Revised" for sampling results that include an analysis of the new fill material.



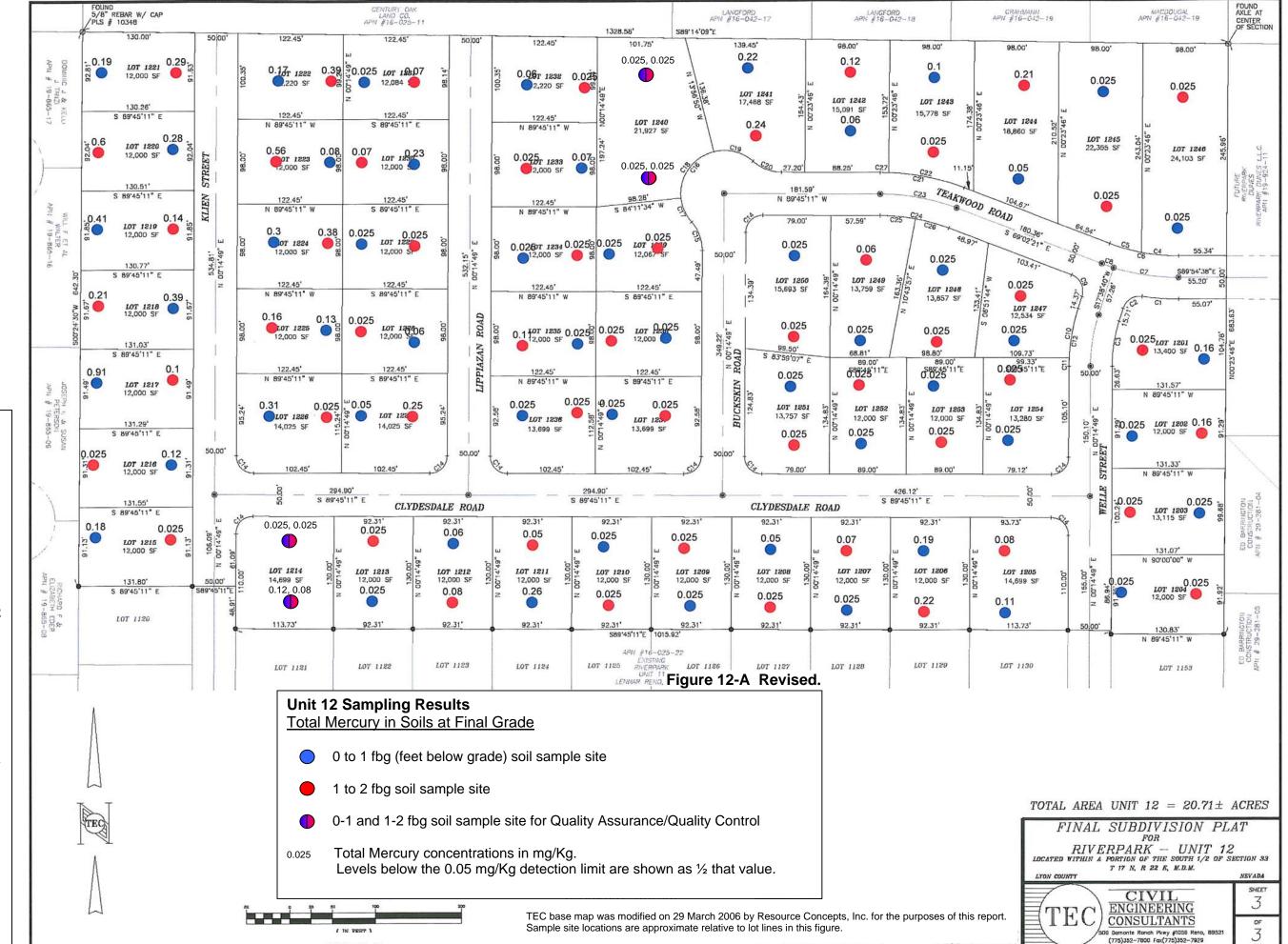
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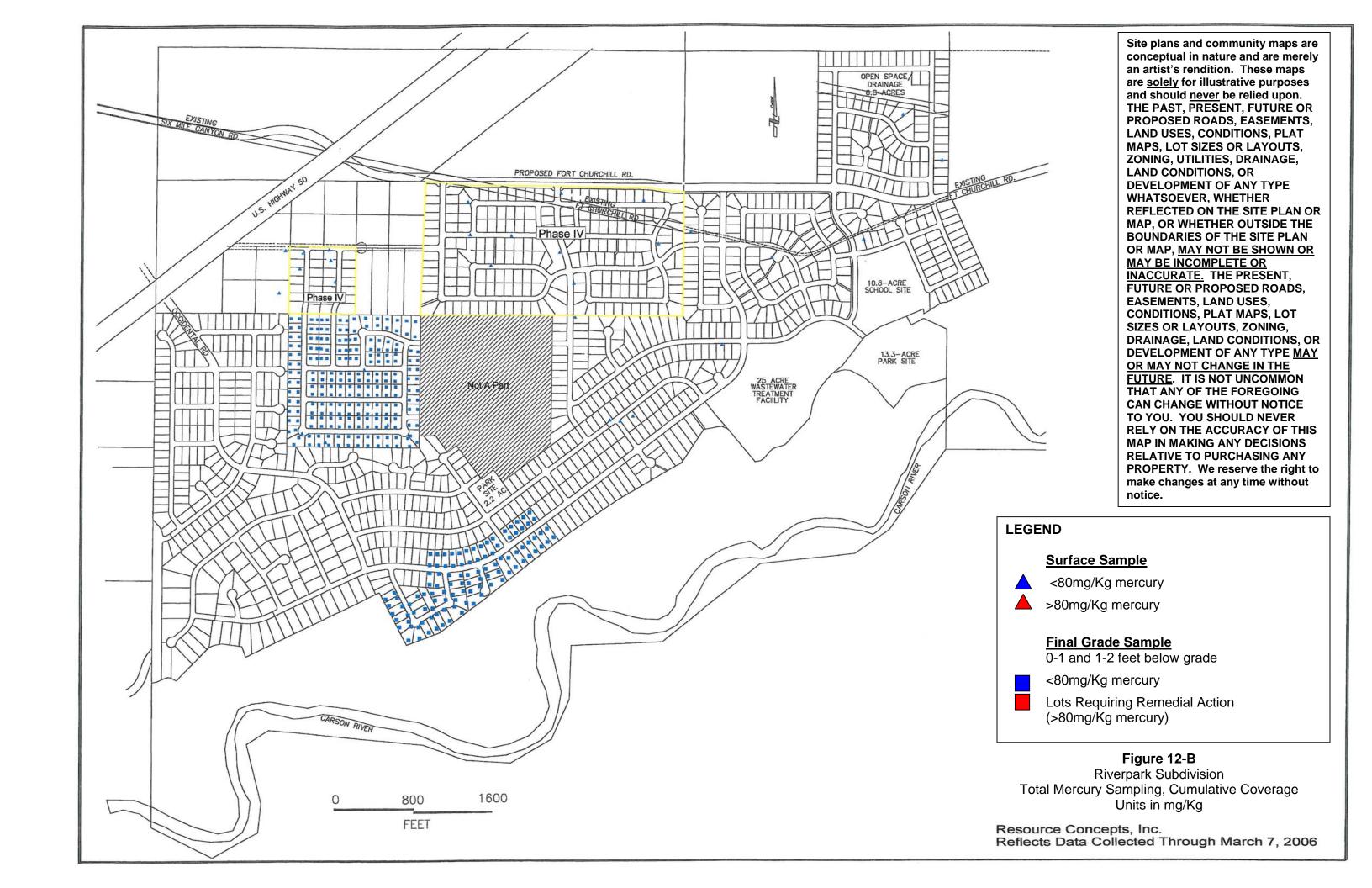
#### Table 12-A Revised **Summary of Unit 12 Testing for Total Mercury in Soils** Riverpark Subdivision, Dayton, Nevada

	0-1f	bg .			1-2fb	og	
Lot Number	Total Mercury (mg/Kg)	Lot Number	Total Mercury (mg/Kg)	Lot Number	Total Mercury (mg/Kg)	Lot Number	Total Mercury (mg/Kg)
1201-1	0.16	1228-1	0.06	1201-2	0.025	1228-2	0.025
1202-1	0.025	1229-1	0.025	1201-2DUP	0.025	1229-2	0.025
1203-1	0.025	1230-1	0.23	1202-2	0.16	1230-2	0.07
1204-1	0.025	1231-1	0.025	1203-2	0.025	1231-2	0.07
1205-1	0.11	1232-1	0.06	1204-2	0.025	1232-2	0.025
1206-1	0.19	1233-1	0.07	1205-2	0.08	1233-2	0.025
1207-1	0.025	1234-1	0.025	1206-2	0.22	1234-2	0.025
1208-1	0.05	1235-1	0.025	1207-2	0.07	1235-2	0.11
1209-1	0.025	1236-1	0.025	1208-2	0.025	1236-2	0.025
1210-1	0.025	1237-1	0.025	1209-2	0.025	1237-2	0.025
1211-1	0.26	1238-1	0.025	1210-2	0.025	1238-2	0.025
1212-1	0.06	1239-1	0.025	1211-2	0.05	1239-2	0.025
1213-1	0.025	1240-1F	0.025	1212-2	0.08	1240-2B	0.025
1214-1F	0.025	1240-1B	0.025	1213-2	0.025	1240-2F	0.025
1214-1B	0.12	1241-1	0.22	1214-2B	0.08	1241-2	0.24
1215-1	0.18	1242-1	0.06	1214-2F	0.025	1242-2	0.12
1216-1	0.12	1243-1	0.10	1215-2	0.025	1243-2	0.025
1217-1	0.91	1244-1	0.05	1216-2	0.025	1244-2	0.21
1218-1	0.39	1245-1	0.025	1217-2	0.10	1245-2	0.025
1219-1	0.41	1246-1	0.025	1218-2	0.21	1246-2	0.025
1220-1	0.28	1247-1	0.025	1219-2	0.14	1247-2	0.025
1221-1	0.19	1248-1	0.025	1220-2	0.60	1248-2	0.025
1222-1	0.17	1249-1	0.025	1221-2	0.29	1249-2	0.06
1223-1	0.08	1250-1	0.025	1222-2	0.39	1250-2	0.025
1224-1	0.30	1251-1	0.025	1223-2	0.56	1251-2	0.025
1225-1	0.13	1252-1	0.025	1224-2	0.38	1252-2	0.025
1226-1	0.31	1253-1	0.025	1225-2	0.16	1253-2	0.025
1227-1	0.05	1254-1	0.025	1226-2	0.025	1254-2	0.025
				1227-2	0.25		
		n=	56			n=	57
	Minii	mum value	0.025		Minir	mum value	0.025
	Maxii	mum value	0.91		Maxir	mum value	0.60
		/lean value	0.11			lean value	0.10
	Me	edian value	0.038		Me	dian value	0.025

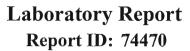
- Notes: 1. Values below the 0.05mg/Kg detection limit are reported here as  $\frac{1}{2}$  that value.
  - 2. "F" and "B" denote the front and back of those lots where samples were taken at the 1- and 2foot levels at both sample locations for quality control purposes.
  - 3. "DUP" denotes a duplicate sample selected at random by the laboratory to validate sub sample collection accuracy.
  - 4. These sample results reflect field conditions following overexcavation of 2 lots at Unit 12. The areas with new structural fill were resampled by RCI according to the approved sampling plan and protocols.

Site plans and community maps are conceptual in nature and are merely an artist's rendition. These maps are solely for illustrative purposes and should never be relied upon. THE PAST, PRESENT, FUTURE OR PROPOSED ROADS, EASEMENTS, LAND USES, CONDITIONS, PLAT MAPS, LOT SIZES OR LAYOUTS, **ZONING, UTILITIES, DRAINAGE,** LAND CONDITIONS, OR **DEVELOPMENT OF ANY TYPE** WHATSOEVER. WHETHER REFLECTED ON THE SITE PLAN OR MAP, OR WHETHER OUTSIDE THE **BOUNDARIES OF THE SITE PLAN** OR MAP, MAY NOT BE SHOWN OR MAY BE INCOMPLETE OR INACCURATE. THE PRESENT, **FUTURE OR PROPOSED ROADS,** EASEMENTS. LAND USES. **CONDITIONS, PLAT MAPS, LOT** SIZES OR LAYOUTS, ZONING, DRAINAGE, LAND CONDITIONS, OR **DEVELOPMENT OF ANY TYPE MAY** OR MAY NOT CHANGE IN THE **FUTURE. IT IS NOT UNCOMMON** THAT ANY OF THE FOREGOING **CAN CHANGE WITHOUT NOTICE** TO YOU. YOU SHOULD NEVER **RELY ON THE ACCURACY OF THIS** MAP IN MAKING ANY DECISIONS **RELATIVE TO PURCHASING ANY** PROPERTY. We reserve the right to make changes at any time without notice.





Analytical	<b>Data</b>	<b>Sheets</b>
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Date: Client: 3/22/2006

Taken by:

RSC-937 J. Lynn

PO #:

05317.1

Dear Robin Eppard,

It is the policy of Sierra Environmental Monitoring, Inc to strictly adhere to a comprehensive Quality Assurance Plan that insures the data presented in this report are both accurate and precise. Sierra Environmental Monitoring, Inc. maintains accreditation in the State of Nevada (NV-15) and the State of California (ELAP 2526).

The data presented in this report were obtained from the analysis of samples received under a chain of custody. Unless otherwise noted below, samples were received in good condition, properly preserved and within the hold time for the requested analyses. Any anomalies associated with the analysis of the samples have been flagged with appropriate explanation in the Analysis Report section of this Laboratory Report.

#### General Comments:

- There are no general comments for this report.

#### **Individual Sample Comments:**

- There are no specific comments that are associated with these samples.

Approved By:

Date:

3/22/2006

Sierra Environmental Monitoring, Inc.

This report is applicable only to the sample received by the laboratory. The liability of the laboratory is limited to the amount paid for this report. This report is for the exclusive use of the client to whom it is addressed and upon the condition that the client assumes all liability for the further distribution of the report or its contents.

sem@sem-analytical.com



**Laboratory Report Report ID: 74470** 

Resource Concepts
Attn: Robin Eppard
340 N. Minnesota Street
Carson City, NV 89703

Date:

3/22/2006

Client:

RSC-937

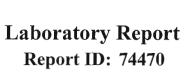
Taken by:

J. Lynn

**PO** #:

05317.1

Sample ID: S200603-0587	Cust	Customer Sample ID 1202-1			npled Time Sam	•	3/8/2006	
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag	
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/14/2006		
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time Sam	ıpled Date R	eceived	
S200603-0588		1202-2		3/7/200	06 1:55 Pi	M 3/8/	2006	
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag	
Mercury - AA Cold Vapor	EPA 245.5	0.16	mg/Kg	0.05	Kleinworth	3/14/2006		
Sample ID: \$200603-0580	Custo	omer Sample ID		Date Sam	-	-		
Sample ID: S200603-0589 Parameter	Custo Method	omer Sample ID 1203-1 Result	Units	Date Sam 3/7/200 Reporting Limit	-	-	eceived 2006 Data Flag	
S200603-0589		1203-1	Units mg/Kg	3/7/200 <b>Reporting</b>	2:04 PM	M 3/8/. Date	2006 <b>Data</b>	
Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result 0.05  Omer Sample ID		3/7/200 Reporting Limit 0.05	Analyst Kleinworth  pled Time Sam	Date Analyzed 3/14/2006	Data Flag	
Parameter  Mercury - AA Cold Vapor	Method EPA 245.5	1203-1  Result  0.05		3/7/200 Reporting Limit	Analyst Kleinworth  pled Time Sam	Date Analyzed 3/14/2006	Data Flag	





Date:

3/22/2006

Client:

RSC-937

Taken by:

J. Lynn

**PO** #:

05317.1

#### Analysis Report

<b>Sample ID:</b> S200603-0591	Cust	tomer Sample ID		<b>Date Sam</b> 3/7/200	•	-	Received 8/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.11	mg/Kg	0.05	Kleinworth	3/14/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time Sar	npled Date F	Received
S200603-0592		1204-2		3/7/200	06 2:50 P	M 3/8/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/14/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time San	npled Date F	Received
S200603-0593		1205-1		3/7/200	2:59 P	M 3/8/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.11	mg/Kg	0.05	Kleinworth	3/14/2006	
Sample ID:	Custo	omer Sample ID		Date Sam	pled Time San	npled Date R	Received
<b>Sample ID:</b> S200603-0594	Cust	omer Sample ID 1205-2		<b>Date Sam</b> 3/7/200	-	-	Received 2006
•	Custo Method	•	Units		-	-	

sem@sem-analytical.com

## **Laboratory Report Report ID: 74470**



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date:

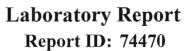
3/22/2006

Client: Taken by: RSC-937 J. Lynn

PO #:

05317.1

Sample ID:	Cust	omer Sample ID		Date San	npled Time San	npled Date F	Received
S200603-0595		1206-1		3/7/20	06 3:06 P	PM 3/8	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.19	mg/Kg	0.05	Kleinworth	3/14/2006	
Sample ID:	Cust	omer Sample ID		Date San	apled Time San	npled Date F	Received
S200603-0596		1206-2		3/7/20	06 3:09 P	M 3/8/	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Faranietei							
Mercury - AA Cold Vapor	EPA 245.5	0.22	mg/Kg	0.05	Kleinworth	3/14/2006	
The Art Contract Fig. 1		0.22 omer Sample ID 1207-1	mg/Kg	0.05  Date Sam 3/7/200	npled Time San	npled Date F	Received /2006
Mercury - AA Cold Vapor  Sample ID:		omer Sample ID	mg/Kg Units	Date San	npled Time San	npled Date F	/2006 <b>Data</b>
Mercury - AA Cold Vapor  Sample ID: S200603-0597	Cust	omer Sample ID 1207-1		Date Sam 3/7/200 Reporting	npled Time San 06 3:13 P.	npled Date F M 3/8/ Date	/2006 <b>Data</b>
Mercury - AA Cold Vapor  Sample ID: S200603-0597  Parameter	Method EPA 245.5	omer Sample ID 1207-1 Result	Units	Date Sam 3/7/200 Reporting Limit	npled Time San 06 3:13 P  Analyst  Kleinworth	npled Date F M 3/8/ Date Analyzed 3/14/2006	/2006 Data Flag
Sample ID: S200603-0597  Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	omer Sample ID 1207-1 Result <0.05	Units	Date Sam 3/7/200 Reporting Limit 0.05	npled Time San 06 3:13 P. Analyst Kleinworth	npled Date F M 3/8/ Date Analyzed 3/14/2006	/2006 <b>Data</b>
Sample ID: S200603-0597  Parameter Mercury - AA Cold Vapor	Method EPA 245.5	omer Sample ID 1207-1  Result <0.05  omer Sample ID	Units	Date Sam 3/7/200 Reporting Limit 0.05	npled Time San 06 3:13 P. Analyst Kleinworth	npled Date F M 3/8/ Date Analyzed 3/14/2006	Data Flag





Date:

3/22/2006

Client: Taken by: RSC-937 J. Lynn

PO #:

05317.1

Sample ID:	Cust	omer Sample ID	Date San	npled Time Sam	npled Date F	ed Date Received	
S200603-0599		1208-1		3/7/20	06 3:18 Pi	M 3/8/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.05	mg/Kg	0.05	Kleinworth	3/14/2006	
Sample ID:	Cust	omer Sample ID		Date San	npled Time Sam	ıpled Date F	Received
S200603-0600		1208-2		3/7/20	06 3:21 Pi	M 3/8/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/14/2006	eceived
		<0.05  omer Sample ID  1210-1	mg/Kg	Date San 3/7/20 Reporting	npled Time Sam 06 3:40 Pl	npled Date R M 3/8/ Date	Received 2006 Data
Mercury - AA Cold Vapor  Sample ID:		omer Sample ID	mg/Kg Units	Date San 3/7/20	npled Time Sam	npled Date R	2006
Mercury - AA Cold Vapor  Sample ID: S200603-0601	Custo	omer Sample ID		Date San 3/7/20 Reporting	npled Time Sam 06 3:40 Pl	npled Date R M 3/8/ Date	2006 <b>Data</b>
Mercury - AA Cold Vapor  Sample ID: S200603-0601  Parameter	Method EPA 245.5	omer Sample ID 1210-1 Result	Units	Date San 3/7/20 Reporting Limit	npled Time Sam 06 3:40 Pl Analyst Kleinworth	npled Date R M 3/8/ Date Analyzed 3/14/2006	2006 <b>Data</b>
Sample ID: S200603-0601  Parameter  Mercury - AA Cold Vapor	Method EPA 245.5	omer Sample ID 1210-1 Result <0.05	Units	Date San 3/7/20 Reporting Limit 0.05	npled Time Sam 06 3:40 Pl Analyst Kleinworth	npled Date R M 3/8/ Date Analyzed 3/14/2006	2006 Data Flag
Sample ID: S200603-0601  Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	omer Sample ID 1210-1  Result <0.05  omer Sample ID	Units	Date San 3/7/20 Reporting Limit 0.05	npled Time Sam 06 3:40 Pl Analyst Kleinworth	npled Date R M 3/8/ Date Analyzed 3/14/2006	Data Flag



## **Laboratory Report Report ID: 74470**

Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date:

3/22/2006

Client:

RSC-937

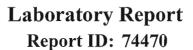
Taken by: PO #:

J. Lynn 05317.1

#### Analysis Report

Sample ID:	Cust	omer Sample ID		Date San	npled Time San	npled Date F	Received
S200603-0603		1211-1		3/7/20	06 3:45 P	M 3/8	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.26	mg/Kg	0.05	Kleinworth	3/14/2006	
Sample ID:	Cust	omer Sample ID		Date San	npled Time San	npled Date F	Received
S200603-0604		1211-2		3/7/20	06 3:42 P	M 3/8/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.05	mg/Kg	0.05	Kleinworth	3/14/2006	
<b>Sample ID:</b> S200603-0605	Custo	omer Sample ID 1212-1		<b>Date Sam</b> 3/7/200	-	•	Received 2006
•	Custo Method	•	Units		-	•	
S200603-0605		1212-1	Units mg/Kg	3/7/200 <b>Reporting</b>	06 3:53 Pl	M 3/8/ <b>Date</b>	2006 <b>Data</b>
S200603-0605  Parameter	Method EPA 245.5	1212-1 Result		3/7/200 Reporting Limit	Analyst Kleinworth	M 3/8/ Date Analyzed 3/14/2006	2006 <b>Data</b>
Parameter Mercury - AA Cold Vapor	Method EPA 245.5	1212-1  Result  0.06		3/7/200 Reporting Limit 0.05	Analyst Kleinworth  npled Time Sam	Date Analyzed 3/14/2006	Data Flag
Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result 0.06  Omer Sample ID		3/7/200 Reporting Limit 0.05  Date Sam	Analyst Kleinworth  npled Time Sam	Date Analyzed 3/14/2006	Data Flag

FAX (775) 857-2404 sem@sem-analytical.com





Date:

3/22/2006

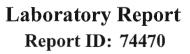
Client:

RSC-937

Taken by: PO #:

J. Lynn 05317.1

Sample ID:	Cust	omer Sample II	)	Date San	ipled Time Sam	pled Date R	eceived
S200603-0607	1. 121	4-1 (Front)		3/7/200	06 4:02 Pl	M 3/8/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/14/2006	
Sample ID:	Custo	omer Sample II	•	Date Sam	npled Time Sam	pled Date R	eceived
S200603-0608	121	4-2 (Front)	8.(_	3/7/200	06 4:05 PM	M = 3/8/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	< 0.05	mg/Kg	0.05	Kleinworth	3/14/2006	
<b>Sample ID:</b> S200603-0609		omer Sample II 4-1 (Rear) Q		3/7/200	-		2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.12	mg/Kg	0.05	Kleinworth	3/14/2006	_
Sample ID:	Custo	omer Sample ID	)	Date Sam	ipled Time Sam	pled Date R	eceived
Sample ID: S200603-0610		omer Sample ID 4-2 (Rear)	)	<b>Date Sam</b> 3/7/200	•	•	eceived 2006
_		-	Units		•	•	





Date:

3/22/2006

Client:

RSC-937

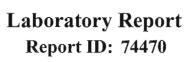
Taken by: PO #:

J. Lynn 05317.1

## Analysis Report

Sample ID:	•		Date San	-	•	Date Received	
S200603-0611		1215-1		3/7/20	06 3:16 1	PM	3/8/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Da Anal	
Mercury - AA Cold Vapor	EPA 245.5	0.18	mg/Kg	0.05	Kleinworth	3/14/2	2006
Sample ID:	Custo	omer Sample ID		Date San	npled Time Sa	mpled l	Date Received
S200603-0612		1215-2		3/7/20	06 3:16 I	PM	3/8/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Da Anal	
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/14/2	2006 
		<0.05  omer Sample ID  1217-1	mg/Kg	0.05  Date Sam 3/7/200	npled Time Sa	mpled l	Date Received 3/8/2006
Mercury - AA Cold Vapor  Sample ID:		omer Sample ID	mg/Kg Units	Date San	npled Time Sa	mpled l	Date Received 3/8/2006 ate Data
Mercury - AA Cold Vapor  Sample ID: S200603-0613	Custo	omer Sample ID 1217-1		Date Sam 3/7/200 Reporting	npled Time Sa 06 4:22 I	mpled l	Date Received 3/8/2006 ate Data yzed Flag
Mercury - AA Cold Vapor  Sample ID: S200603-0613  Parameter	Method EPA 245.5	omer Sample ID 1217-1 Result	Units	Date Sam 3/7/200 Reporting Limit	npled Time Sa 06 4:22 I Analyst Kleinworth	mpled l PM Da Anal	Date Received 3/8/2006 ate Data yzed Flag
Sample ID: S200603-0613  Parameter Mercury - AA Cold Vapor	Method EPA 245.5	omer Sample ID 1217-1 Result 0.91	Units	Date Sam 3/7/200 Reporting Limit 0.08	npled Time San 06 4:22 I Analyst Kleinworth	mpled l PM Da Anal 3/14/2	Date Received 3/8/2006 ate Data yzed Flag 2006
Sample ID: S200603-0613  Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	nomer Sample ID 1217-1 Result 0.91  Domer Sample ID	Units	Date Sam 3/7/200 Reporting Limit 0.08	npled Time San 06 4:22 I Analyst Kleinworth	mpled l PM Da Anal 3/14/2	Date Received 3/8/2006  Ite Data yzed Flag 2006  Date Received 3/8/2006  Ite Data

sem@sem-analytical.com





Date:

3/22/2006

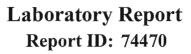
Client:

RSC-937

Taken by: PO #:

J. Lynn 05317.1

Sample ID:	Cust	omer Sample ID		Date Sam	pled Time San	ipled Date R	eceived
S200603-0615		1218-1 3/7/2006		06 4:25 Pl	M 3/8/	2006	
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.39	mg/Kg	0.05	Kleinworth	3/14/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time Sam	ıpled Date R	eceived
S200603-0616		1218-2		3/7/200	06 4:25 PI	M 3/8/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.21	mg/Kg	0.05	Kleinworth	3/14/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time Sam	ipled Date R	eceived
S200603-0617		1219-1		3/7/200	^	M 3/8/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.41	mg/Kg	0.05	Kleinworth	3/14/2006	
Sample ID:	Custo	omer Sample ID		Date Sam	pled Time Sam	pled Date R	eceived
<b>Sample ID:</b> S200603-0618	Cust	omer Sample ID 1219-2		<b>Date Sam</b> 3/7/200	•	•	eceived 2006
	' Custo	•	Units		•	•	





Date:

3/22/2006

Client:

RSC-937

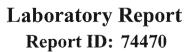
Taken by:

J. Lynn

PO #:

05317.1

Sample ID:	Cust	omer Sample ID	•	Date San	npled Time San	npled Date F	Received
S200603-0619		1247-1		3/7/200	06 1:41 P	M 3/8	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/14/2006	
Sample ID:	Cust	omer Sample ID	)	Date Sam	ipled Time San	npled Date F	Received
S200603-0620		1247-2		3/7/200	06 1:37 P	M 3/8/	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	< 0.05	mg/Kg	0.05	Kleinworth	3/14/2006	
Sample ID: \$200603-0621	Cust	omer Sample ID 1221-1		Date Sam 3/7/200	•	-	Received /2006
-	Cust Method	-	Units		•	-	
S200603-0621		1221-1		3/7/200 <b>Reporting</b>	06 4:32 P	M 3/8/ <b>Date</b>	/2006 <b>Data</b>
S200603-0621 Parameter	Method EPA 245.5	1221-1 Result	Units mg/Kg	3/7/200 Reporting Limit	Analyst Kleinworth	M 3/8/ Date Analyzed 3/15/2006	/2006 <b>Data</b>
Parameter Mercury - AA Cold Vapor	Method EPA 245.5	1221-1  Result  0.19	Units mg/Kg	3/7/200 Reporting Limit 0.05	Analyst Kleinworth  appled Time Sam	Date Analyzed 3/15/2006	/2006 Data Flag
Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result 0.19  omer Sample ID	Units mg/Kg	3/7/200 Reporting Limit 0.05  Date Sam	Analyst Kleinworth  appled Time Sam	Date Analyzed 3/15/2006	/2006 Data Flag Received





Date:

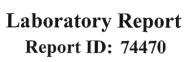
3/22/2006

Client: Taken by: RSC-937 J. Lynn

PO #:

05317.1

Sample ID:	Cust	omer Sample ID	•	Date San	npled Time Sam	pled Date R	Received
S200603-0623		1222-1		3/7/20	06 4:35 PI	M 3/8/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.17	mg/Kg	0.05	Kleinworth	3/15/2006	
Sample ID:	Cust	omer Sample ID	)	Date San	ıpled Time Sam	ipled Date R	eceived
S200603-0624		1222-2		3/7/20	06 4:35 PI	M 3/8/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.39	mg/Kg	0.05	Kleinworth	3/15/2006	
Sample ID: S200603-0625	Custo	omer Sample ID	)	Date Sam	•	pled Date R	eceived
3200003-0023		1223-1		3/7/200	06 4:38 PN	M = 3/8/	2006
Parameter	Method	1223-1 Result	Units	Reporting Limit	Analyst	M 3/8/ Date Analyzed	2006 <b>Data</b> Flag
·	Method EPA 245.5		Units mg/Kg	Reporting		Date	Data
Parameter	EPA 245.5	Result	mg/Kg	Reporting Limit	Analyst Kleinworth	Date Analyzed 3/15/2006	Data
Parameter Mercury - AA Cold Vapor Sample ID:	EPA 245.5	Result 0.08	mg/Kg	Reporting Limit	Analyst Kleinworth  apled Time Sam	Date Analyzed 3/15/2006	Data Flag
Parameter Mercury - AA Cold Vapor	EPA 245.5	Result 0.08  omer Sample ID	mg/Kg	Reporting Limit 0.05	Analyst Kleinworth  apled Time Sam	Date Analyzed 3/15/2006	Data Flag





Date:

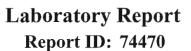
3/22/2006

Client: Taken by: RSC-937

PO #:

J. Lynn 05317.1

Sample ID:	Cust	omer Sample ID		Date Sam	pled Time Sar	npled Date F	eceived
S200603-0627		1224-1		3/7/200	06 4:40 P	PM 3/8/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.30	mg/Kg	0.05	Kleinworth	3/15/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time Sar	npled Date R	eceived
S200603-0628		1224-2		3/7/200	06 4:40 P	PM 3/8/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.38	mg/Kg	0.05	Kleinworth	3/15/2006	
Sample ID:	Custo	omer Sample ID		Date Sam	pled Time San	npled Date R	
						-	eceivea
S200603-0629		1225-1		3/7/200	6 4:42 P	M 3/8/	2006
S200603-0629 Parameter	Method	•	Units	3/7/200 Reporting Limit	6 4:42 P  Analyst	M 3/8/ Date Analyzed	
	Method EPA 245.5	1225-1	Units mg/Kg	Reporting		Date	2006 <b>Data</b>
Parameter  Mercury - AA Cold Vapor  Sample ID:	EPA 245.5	Result 0.13  omer Sample ID		Reporting Limit	Analyst Kleinworth	Date Analyzed 3/15/2006	Data Flag
Parameter Mercury - AA Cold Vapor	EPA 245.5	1225-1  Result  0.13		Reporting Limit	Analyst Kleinworth pled Time San	Date Analyzed 3/15/2006	Data Flag
Parameter  Mercury - AA Cold Vapor  Sample ID:	EPA 245.5	Result 0.13  omer Sample ID		Reporting Limit 0.05	Analyst Kleinworth pled Time San	Date Analyzed 3/15/2006	Data Flag eceived





Date:

3/22/2006

Client: Taken by: RSC-937 J. Lynn

PO #:

05317.1

Sample ID:	Cust	omer Sample ID		Date Sam	pled Time San	npled Date R	eceived	
S200603-0631		1226-1		3/7/200	6 4:44 P	M 3/8/	2006	
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag	
Mercury - AA Cold Vapor	EPA 245.5	0.31	mg/Kg	0.05	Kleinworth	3/15/2006	_	
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time San	npled Date R	eceived	
S200603-0632		1226-2		3/7/200	6 4:44 P	M 3/8/	2006	
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag	
Mercury - AA Cold Vapor	EPA 245.5	< 0.05	mg/Kg	0.05	Kleinworth	3/15/2006		
Sample ID: S200603-0633	Custo	omer Sample ID 1227-1		<b>Date Sam</b> <sub>3</sub> /7/200	•	M 3/8/	2006	
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag	
	EPA 245.5	0.05	mg/Kg	0.05	Kleinworth	3/15/2006		
Mercury - AA Cold Vapor								
Mercury - AA Cold Vapor  Sample ID:		omer Sample ID		Date Samp		npled Date R	eceived	
					pled Time San	•	eceived	
Sample ID:		omer Sample ID	Units	Date Samp	pled Time San	•		

## **Laboratory Report Report ID: 74470**



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date:

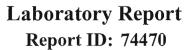
3/22/2006

Client: Taken by: RSC-937 J. Lynn

PO #:

05317.1

Sample ID:	Cust	omer Sample II	)	Date San	apled Time Sai	mpled Date l	Received
S200603-0635		1229-1		3/7/20	06 4:49 F	PM 3/8	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/15/2006	
Sample ID:	Custo	omer Sample II	)	Date San	npled Time Sai	mpled Date I	Received
S200603-0636		1229-2		3/7/20	06 4:49 F	PM 3/8	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	< 0.05	mg/Kg	0.05	Kleinworth	3/15/2006	
<b>Sample ID:</b> S200603-0637	Custo	omer Sample ID	)	<b>Date Sam</b> 3/7/200	^	-	Received /2006
•	Custo Method	-	Units		^	-	
S200603-0637		1230-1		3/7/200 Reporting	06 4:52 F	PM 3/8 Date	/2006 <b>Data</b>
S200603-0637 Parameter	Method EPA 245.5	1230-1 Result	Units mg/Kg	3/7/200 Reporting Limit	Analyst Kleinworth	Date Analyzed 3/15/2006	/2006 <b>Data</b>
Parameter Mercury - AA Cold Vapor	Method EPA 245.5	1230-1  Result  0.23	Units mg/Kg	3/7/200 Reporting Limit 0.05	Analyst Kleinworth  npled Time Sar	Date Analyzed 3/15/2006	/2006 Data Flag
Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result 0.23  omer Sample ID	Units mg/Kg	3/7/200 Reporting Limit 0.05  Date Sam	Analyst Kleinworth  npled Time Sar	Date Analyzed 3/15/2006	/2006 Data Flag





Date:

3/22/2006

Client: Taken by: RSC-937 J. Lynn

PO #:

05317.1

Sample ID:	Cust	omer Sample ID		Date Sam	npled Time San	mpled Date F	Received
\$200603-0639		1231-1		3/7/200	06 4:54 F	PM 3/8	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/15/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	ıpled Time Saı	mpled Date F	Received
S200603-0640		1231-2		3/7/200	06 4:54 F	PM 3/8/	/2006
Parameter	Method	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag	
Mercury - AA Cold Vapor	EPA 245.5	0.07	mg/Kg	0.05	Kleinworth	3/15/2006	
<b>Sample ID:</b> S200603-0641	Custo	omer Sample ID 1234-1		<b>Date Sam</b> 3/7/200	-	_	<b>Received</b> /2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/15/2006	
Sample ID:	Custo	omer Sample ID		Date Sam	ipled Time Sai	npled Date F	Received
S200603-0642		1234-2		3/7/200	06 4:56 P	M 3/8/	2006
	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Parameter	Method						

## **Laboratory Report Report ID: 74470**



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date:

3/22/2006

Client:

RSC-937

Taken by:

J. Lynn

**PO** #:

05317.1

Sample ID:	Cust	omer Sample ID	)	Date Sam	pled Time Sar	npled Date R	Received			
S200603-0643		1235-1		3/7/200	)6 4:59 P	M 3/8/	2006			
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag			
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/21/2006				
Sample ID:	Cust	omer Sample ID	1	Date Sampled Time Sampled Date Rec						
S200603-0644		1235-2		3/7/200	06 4:59 P	M 3/8/	2006			
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag			
Mercury - AA Cold Vapor	EPA 245.5	0.11	mg/Kg	0.05	Kleinworth	3/21/2006				
Sample ID: S200603-0645	Cust	omer Sample ID 1236-1		Date Sam 3/7/200 Reporting	npled Date R M 3/8/ Date	eceived 2006 Data				
Parameter	Method	Result	Units	Limit	Analyst	Analyzed				
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/21/2006				
Sample ID:	Custo	omer Sample ID		Date Sam	pled Time San	npled Date R	eceived			
	Custo	omer Sample ID		Date Sam 3/7/200	-	•	eceived			
Sample ID:	Custo	•	Units		-	•				

## **Laboratory Report Report ID: 74470**



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date:

3/22/2006

Client:

RSC-937

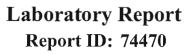
Taken by:

J. Lynn

**PO** #:

05317.1

Sample ID:	Cust	omer Sample ID		Date San	ipled Time Sa	ampled Date	Received
S200603-0647		1237-1		3/7/200	5:03	PM 3	8/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzeo	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/21/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	ipled Time Sa	impled Date	Received
S200603-0648		1248-1		3/7/200	06 1:30	PM 3	8/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzeo	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/21/2006	
Sample ID:		<0.05 omer Sample ID 1248-2	mg/Kg	0.05  Date Sam 3/7/200	pled Time Sa	mpled Date	Received 8/2006
Mercury - AA Cold Vapor  Sample ID: S200603-0649  Parameter		omer Sample ID	mg/Kg  Units	Date Sam	pled Time Sa	mpled Date	8/2006 <b>Data</b>
Sample ID: S200603-0649	Custo	omer Sample ID 1248-2		Date Sam 3/7/200 Reporting	npled Time Sa 06 1:34 1	ampled Date	8/2006 <b>Data</b>
Sample ID: S200603-0649  Parameter  Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	omer Sample ID 1248-2  Result <0.05	Units	Date Sam 3/7/200 Reporting Limit 0.05	Analyst Kleinworth	mpled Date PM 3/ Date Analyzed 3/21/2006	8/2006  Data Flag  Received
Sample ID: S200603-0649  Parameter  Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	omer Sample ID 1248-2 Result <0.05	Units	Date Sam 3/7/200 Reporting Limit 0.05  Date Sam 3/7/200	Analyst Kleinworth	mpled Date Analyzed 3/21/2006  mpled Date PM 3/2	8/2006  Data Flag  Received 8/2006
Sample ID: S200603-0649 Parameter	Method EPA 245.5	omer Sample ID 1248-2  Result <0.05	Units	Date Sam 3/7/200 Reporting Limit 0.05	Analyst Kleinworth	mpled Date PM 3/ Date Analyzed 3/21/2006	8/2006 Data Flag  Received 8/2006 Data





Date:

3/22/2006

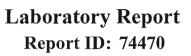
Client:

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Taken by: PO #:

J. Lynn 05317.1

Sample ID:	Cust	omer Sample ID		Date Sam	ipled Time Sa	mpled Date	Received
S200603-0651		1249-2		3/7/200	06 12:49	PM 3/	8/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.06	mg/Kg	0.05	Kleinworth	3/21/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	npled Time Sa	mpled Date	Received
S200603-0652		1250-1		3/7/200	06 12:46	PM 3/	8/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/21/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	ipled Time Sa	mpled Date	Received
S200603-0653		1250-2		3/7/200	-	•	3/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/21/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	ipled Time Sai	mpled Date	Received
S200603-0654		1251-1		3/7/200	06 12:40	PM 3/8	3/2006
				Reporting		Date	Data
Parameter	Method	Result	Units	Limit	Analyst	Analyzed	Flag





Date:

3/22/2006

Client:

RSC-937

Taken by:

J. Lynn

PO #:

05317.1

#### Analysis Report

<b>Sample ID:</b> S200603-0655	Cust	omer Sample ID 1251-2		<b>Date Sam</b> 3/7/200	-	•	Received 2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/21/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	npled Time Sar	npled Date R	Received
S200603-0656		1252-1		3/7/200	06 1:20 P	PM 3/8/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/21/2006	
Sample ID:	Custo	omer Sample ID		Date Sam	ipled Time San	npled Date R	eceived
Sample ID: S200603-0657	Custo	omer Sample ID		<b>Date Sam</b> 3/7/200	•	-	Received
•	Cust <sup>©</sup> Method	•	Units		•	-	
S200603-0657		1252-2	<b>Units</b> mg/Kg	3/7/200 <b>Reporting</b>	06 12:55 I	PM 3/8/ Date	2006 <b>Data</b>
S200603-0657  Parameter  Mercury - AA Cold Vapor	Method EPA 245.5	1252-2 Result		3/7/200 Reporting Limit	Analyst Kleinworth	PM 3/8/  Date Analyzed  3/21/2006	2006 <b>Data</b>
S200603-0657  Parameter	Method EPA 245.5	1252-2  Result  <0.05		3/7/200 Reporting Limit 0.05	Analyst Kleinworth  apled Time San	Date Analyzed 3/21/2006  mpled Date R	2006 Data Flag
Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result <0.05		3/7/200 Reporting Limit 0.05  Date Sam	Analyst Kleinworth  apled Time San	Date Analyzed 3/21/2006  mpled Date R	Data Flag

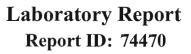
John C. Seher

Special Consultant

Quality Assurance Manager

John Kobza, Ph.D.

Laboratory Director





Date:

3/22/2006

Client: Taken by: RSC-937

PO #:

J. Lynn 05317.1

Sample ID:	Cust	omer Sample ID		Date Sam	ipled Time Sar	mpled Date R	leceived	
S200603-0659		1254-2		3/7/200	06 1:44 P	PM 3/8/	2006	
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag	
Mercury - AA Cold Vapor	EPA 245.5	<0.05	<0.05 mg/Kg 0.0		Kleinworth	3/21/2006		
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time San	npled Date R	eceived	
S200603-0660		1237-2		3/7/200	06 5:03 P	PM 3/8/	2006	
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag	
Mercury - AA Cold Vapor	EPA 245.5	< 0.05	mg/Kg	0.05	Kleinworth	3/21/2006		
Sample ID:	Custo	omer Sample ID		Date Sam	pled Time San	npled Date R	eceived	
	Custo	omer Sample ID 1238-1 Result	Units	Date Sam 3/7/200 Reporting Limit	-	-	eceived 2006 Data Flag	
Sample ID: S200603-0661		1238-1	Units mg/Kg	3/7/200 <b>Reporting</b>	5:05 P	PM 3/8/ Date	2006 <b>Data</b>	
Sample ID: S200603-0661 Parameter	Method EPA 245.5	1238-1 Result		3/7/200 Reporting Limit	Analyst Kleinworth  pled Time San	Date Analyzed 3/21/2006  mpled Date R	2006 Data Flag	
Sample ID: S200603-0661  Parameter  Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result <0.05		3/7/200 Reporting Limit 0.05	Analyst Kleinworth  pled Time San	Date Analyzed 3/21/2006  mpled Date R	Data Flag	

## **Laboratory Report Report ID: 74470**



Resource Concepts
Attn: Robin Eppard
340 N. Minnesota Street

Carson City, NV 89703

Date: Client: 3/22/2006

Taken by:

RSC-937

PO #:

J. Lynn 05317.1

## Quality Control Report

Parameter	LCS, % Recovery	MS, % Recovery	MSD, % Recovery	RPD, %	Method Blank			
Mercury - AA Cold Vapor	110.0	111.0	97.0	13.78	< 0.05	mg/Kg		
Mercury - AA Cold Vapor	110.0	101.0	112.0	10.31	< 0.05	mg/Kg		
Mercury - AA Cold Vapor	100.0	100.0	84.0	17.39	< 0.05	mg/Kg		
Mercury - AA Cold Vapor	100.0	124.0	116.0	6.35	< 0.05	mg/Kg		
Mercury - AA Cold Vapor	100.0	119.0	124.0	3.98	< 0.05	mg/Kg		

Legend: LCS- Laboratory Control Standard RPD- Relative Percent Difference MS- Matrix Spike

MSD- Matrix Spike Duplicate



#### CHAIN OF CUSTODY RECORD

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PHONE: (7	75) 857 - 240	0 FAX: (	775) 857 - 2404	E-Mail ser	n@sem-analytical.com									1					
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#### CHAIN OF CUSTODY RECORD

PHONE: (775) 857 - 2400 FAX: (775) 857 - 2404 E-Mail sem@sem-analytical.com Analyses Requested **Turnaround Time** Compliance Client Name Purchase Order 05317.1 Monitoring Phone/Fax # Yes: Address Standard: Other: 883-16001  $\underline{\mathsf{X}}$ Containers Report Attention: State No: Rush: MV 89703 Robin A. Eppard 24 Hr \_\_\_\_ Sampled by: 48 Hr \_\_\_\_ Lab Use Only JOSH LYNN Sub-Sample Sample Identification Date Time Sample Preservative\* Remarks Type \* See Key Below Sampled Sampled <2 >12 1206-2 1509 7 Marob 1207-1 . 1513 1207-2 1516 1208-1 1518 6 1208-2 1521 no sample no sample 1210-1 1540 1525 210-2 Print Name Signature Company Date Time Relinquished By: 1201 08:25 JOSH LYNN عاده عربهم عاد Received By: LCI WILL MIMHE Relinquished By: Received By: Relinquished By: JHALUNA RCI Received By Laboratory: Custody Seal Intact Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be Yes \_\_\_\_ No \_\_\_\_ returned to client or disposed of at client expense. The analytical results associated with this COC apply only to the samples as SEM COC they are received by the laboratory. The liability of the laboratory is limited to the amount paid for the report. Form Revised Terms: Net thirty days on approved credit. Sample Temperature 02/01 Sample Type: 1=Drinking Water, 2=Surface Water, 3=Ground Water, 4=Waste Water, 5=Soil, 6=RCRA, 7=Other Degrees C Preservative: 1=NaOH, 2=NaOH + ZnOAC, 3=HNO3, 4=H2SO4, 5=Na2S2O3, 6=None, 7=Other

#### CHAIN OF CUSTODY RECORD

1135 FINANCIAL BOULEVARD - RENO - NEVADA - 89502  PHONE: (775) 857 - 2400  FAX: (775) 857 - 2404  E-Mail sem@sem-analytical.com																				
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PHONE: (77	75) 857 - 240	0 FAX: (	(775) 857 - 240	4 E-Mail se	m@sem-analytical.co	om															
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			(775) 857 - 2404 E-Mail s	em@sem-analytical.com													
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CHAIN OF CUSTODY RÉCORD

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Sample Type: 1=Drinking Water, 2=Surface Water, 3=Ground Water, 4=Waste Water, 5=Soil, 6=RCRA, 7=Other Preservative: 1=NaOH, 2=NaOH + ZnOAC, 3=HNO3, 4=H2SO4, 5=Na2S2O3, 6=None, 7=Other

Form Revised 02/01

#### SIERRA ENVIRONMENTAL MONITORING, IN

Sample\_Temperature

Degrees C

1135 FINANCIAL BOULEVARD - RENO - NEVADA - 8950

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Terms: Net thirty days on approved credit.

\* KEY:

CHAIN OF CUSTODY RECORD

02/01

PHONE: (77	75) 857 - 240	0	(775) 857 - 2404	E-Mail se	m@sem-analytical.com												200		
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Sample Type: 1=Drinking Water, 2=Surface Water, 3=Ground Water, 4=Waste Water, 5=Soil, 6=RCRA, 7=Other

Preservative: 1=NaOH, 2=NaOH + ZnOAC, 3=HNO3, 4=H2SO4, 5=Na2S2O3, 6=None, 7=Other

PHONE: (7	75) 857 - 240	0 FAX:	(775) 857 - 240	4 E-Mail ser	m@sem-analytical.com															
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## **Laboratory Report Report ID: 74507**



Resource Concepts
Attn: Robin Eppard
340 N. Minnesota Street

340 N. Minnesota Street Carson City, NV 89703 **Date:** 3/22/2006

Client: RSC-937
Taken by: J. Lynn

**PO** #: 05317.1

Dear Robin Eppard,

It is the policy of Sierra Environmental Monitoring, Inc to strictly adhere to a comprehensive Quality Assurance Plan that insures the data presented in this report are both accurate and precise. Sierra Environmental Monitoring, Inc. maintains accreditation in the State of Nevada (NV-15) and the State of California (ELAP 2526).

The data presented in this report were obtained from the analysis of samples received under a chain of custody. Unless otherwise noted below, samples were received in good condition, properly preserved and within the hold time for the requested analyses. Any anomalies associated with the analysis of the samples have been flagged with appropriate explanation in the Analysis Report section of this Laboratory Report.

#### General Comments:

- There are no general comments for this report.

#### **Individual Sample Comments:**

- There are no specific comments that are associated with these samples.

Date:

3/22/2006

Sierra Environmental Monitoring, Inc.

Approved By:

This report is applicable only to the sample received by the laboratory. The liability of the laboratory is limited to the amount paid for this report. This report is for the exclusive use of the client to whom it is addressed and upon the condition that the client assumes all liability for the further distribution of the report or its contents.



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date:

3/22/2006

Client:

RSC-937

Taken by:

J. Lynn

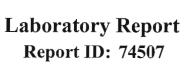
**PO** #:

05317.1

### Analysis Report

Sample ID:	Cust	omer Sample ID		Date San	npled Time Sa	mpled Date F	Received
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Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.06	mg/Kg	0.05	Kleinworth	3/21/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	npled Time Sa	mpled Date F	Received
S200603-0751	1228-2			3/8/200	06 1:26 I	PM 3/9/	2006
	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Parameter	Method	result					
Parameter Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/21/2006	
35 (00) 1100 - 200 6 - 200 -	EPA 245.5		mg/Kg	Date Sam 3/8/200	Kleinworth	mpled Date R	Received 2006
Mercury - AA Cold Vapor  Sample ID:	EPA 245.5	<0.05	mg/Kg Units	Date Sam	Kleinworth	mpled Date R	
Mercury - AA Cold Vapor  Sample ID: S200603-0752	EPA 245.5	<0.05  omer Sample ID  1232-1		Date Sam 3/8/200 Reporting	Kleinworth  npled Time Sai 06 2:48 F	mpled Date R PM 3/9/ Date	2006 <b>Data</b>
Sample ID: S200603-0752  Parameter	Method EPA 245.5	<0.05  omer Sample ID 1232-1  Result	Units	Date Sam 3/8/200 Reporting Limit	Neinworth  Time Sai  Control  Analyst  Kleinworth	mpled Date R PM 3/9/ Date Analyzed 3/21/2006	2006 <b>Data</b>
Sample ID: S200603-0752  Parameter Mercury - AA Cold Vapor	Method EPA 245.5	<0.05  omer Sample ID 1232-1  Result 0.06	Units	Date Sam 3/8/200 Reporting Limit 0.05	Neinworth  Time San  2:48 F  Analyst  Kleinworth  Appled Time San	mpled Date R PM 3/9/ Date Analyzed 3/21/2006	2006 Data Flag
Sample ID: S200603-0752  Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	omer Sample ID 1232-1 Result 0.06 omer Sample ID	Units	Date Sam 3/8/200 Reporting Limit 0.05	Neinworth  Time San  2:48 F  Analyst  Kleinworth  Appled Time San	mpled Date R PM 3/9/ Date Analyzed 3/21/2006	Data Flag

sem@sem-analytical.com





Date:

3/22/2006

Client:

RSC-937

Taken by:

J. Lynn

PO #:

05317.1

<b>Sample ID:</b> S200603-0754	Cust	omer Sample ID	)	<b>Date Sam</b> 3/8/200	-	-	Received 2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.07	mg/Kg	0.05	Kleinworth	3/21/2006	
Sample ID:	•		)	Date Sam	pled Time Sam	ıpled Date F	Received
S200603-0755			3/8/200	2:45 Pi	M 3/9/	2006	
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	< 0.05	mg/Kg	0.05	Kleinworth	3/21/2006	
<b>Sample ID:</b> S200603-0756	Cust	omer Sample ID 1239-1	ı	<b>Date Sam</b> 3/8/200	-	-	teceived
				Reporting		Date	_
Parameter	Method	Result	Units	Limit	Analyst	<b>Analyzed</b>	Data Flag
Parameter Mercury - AA Cold Vapor	Method EPA 245.5	Result <0.05	Units mg/Kg		Analyst Kleinworth	2	
Mercury - AA Cold Vapor  Sample ID:	EPA 245.5	<0.05	mg/Kg	Limit 0.05  Date Sam	Kleinworth pled Time Sam	Analyzed 3/21/2006  apled Date R	Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05  Date Sam 3/8/200	Kleinworth pled Time Sam	Analyzed  3/21/2006  apled Date R M 3/9/	Flag eceived 2006
Mercury - AA Cold Vapor  Sample ID:	EPA 245.5	<0.05	mg/Kg	Limit 0.05  Date Sam	Kleinworth pled Time Sam	Analyzed 3/21/2006  apled Date R	Flag



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date:

3/22/2006

Client:

RSC-937

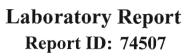
Taken by:

J. Lynn

**PO** #:

05317.1

Sample ID:	Cust	omer Sample II	)	Date Sam	npled Time San	mpled Date I	Received
S200603-0758	124	40-1 (Front) 🛭	ARC	3/8/200	06 2:59 I	PM 3/9	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/21/2006	
Sample ID:	Cust	omer Sample II	)	Date Sam	npled Time Sai	mpled Date I	Received
S200603-0759	⅓ 124	10-2 (Front)		3/8/200	06 2:57 F	PM 3/9	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/21/2006	
Mercury - AA Cold Vapor  Sample ID: S200603-0760	Cust	omer Sample III		0.05  Date Sam 3/8/200	pled Time Sar	mpled Date F	Received /2006
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time Sar	mpled Date F	
Sample ID: S200603-0760	Custo ★ 12 <sup>2</sup>	omer Sample ID	)	Date Sam 3/8/200 Reporting	apled Time Sar 06 3:06 P	mpled Date F PM 3/9/ Date	/2006 <b>Data</b>
Sample ID: S200603-0760 Parameter	Custo  Method  EPA 245.5	omer Sample ID 40-1 (Back)  Result  <0.05  omer Sample ID	Units mg/Kg	Date Sam 3/8/200 Reporting Limit	apled Time Sar 06 3:06 P Analyst Kleinworth	mpled Date FPM 3/9/ Date Analyzed 3/21/2006	/2006 <b>Data</b>
Sample ID: S200603-0760  Parameter  Mercury - AA Cold Vapor	Custo  Method  EPA 245.5	omer Sample ID 40-1 (Back) Result <0.05	Units mg/Kg	Date Sam 3/8/200 Reporting Limit 0.05	apled Time Sar 3:06 P Analyst Kleinworth	mpled Date F PM 3/9/ Date Analyzed 3/21/2006	/2006 Data Flag
Sample ID: S200603-0760  Parameter  Mercury - AA Cold Vapor  Sample ID:	Custo  Method  EPA 245.5	omer Sample ID 40-1 (Back)  Result  <0.05  omer Sample ID	Units mg/Kg	Date Sam 3/8/200 Reporting Limit 0.05	apled Time Sar 3:06 P Analyst Kleinworth	mpled Date F PM 3/9/ Date Analyzed 3/21/2006	/2006 Data Flag





Date:

3/22/2006

Client:

RSC-937

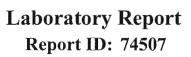
Taken by:

J. Lynn

PO #:

05317.1

Sample ID:	Cust	omer Sample II	)	<b>Date San</b>	npled Time Sar	npled Date F	Received
S200603-0762		1241-1		3/8/20	06 3:08 P	PM 3/9/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.22	mg/Kg	0.05	Kleinworth	3/21/2006	
Sample ID:	Cust	omer Sample ID	)	Date San	ipled Time Sar	npled Date R	Received
S200603-0763	•			3/8/20	06 3:10 P	2M 3/9/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.24	mg/Kg	0.05	Kleinworth	3/21/2006	
Sample ID: S200603-0764	Custo	omer Sample ID 1242-1	•	<b>Date Sam</b> 3/8/200	•	-	Received 2006
•	Custo Method	-	Units		-	-	
S200603-0764		1242-1		3/8/200 <b>Reporting</b>	06 3:12 P	M 3/9/ <b>Date</b>	2006 <b>Data</b>
S200603-0764  Parameter	Method EPA 245.5	1242-1 Result	Units mg/Kg	3/8/200 Reporting Limit	Analyst Kleinworth	M 3/9/ Date Analyzed 3/21/2006	2006 <b>Data</b>
S200603-0764  Parameter  Mercury - AA Cold Vapor	Method EPA 245.5	1242-1  Result  0.06	Units mg/Kg	3/8/200 Reporting Limit 0.05	Analyst Kleinworth  apled Time San	Date Analyzed 3/21/2006	2006 Data Flag
Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result 0.06  Omer Sample ID	Units mg/Kg	3/8/200 Reporting Limit 0.05  Date Sam	Analyst Kleinworth  apled Time San	Date Analyzed 3/21/2006	Data Flag





Date:

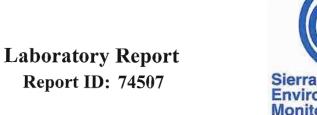
3/22/2006

Client: Taken by: RSC-937

**PO** #:

J. Lynn 05317.1

Sample ID: 3200603-0766	Cust	omer Sample ID	)	<b>Date San</b> 3/8/20	•	•	ed Date Received 3/9/2006	
Parameter	Method	Result	Units	Reporting Limit	Analyst		Date nalyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.10	mg/Kg	0.05	Kleinworth	3/2	21/2006	
Sample ID:	Custo	omer Sample ID	1	Date San	apled Time Sa	ampled	Date R	eceived
S200603-0767		1243-2		3/8/200	06 3:18	PM	3/9/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst		Date nalyzed	Data Flag
			17.7	0.05	771 : .1	21	21/2006	
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth		21/2000	
Mercury - AA Cold Vapor  Sample ID: S200603-0768		<0.05  omer Sample ID  1244-1		Date Sam 3/8/200	npled Time Sa	ampled	Date R	eceived
Sample ID:		omer Sample ID		Date San	npled Time Sa	a <b>mpled</b> PM	Date R	
Sample ID: S200603-0768	Custo	omer Sample ID		Date Sam 3/8/200 Reporting	npled Time Sa 06 3:19	ampled PM Ar	Date R 3/9/	2006 <b>Data</b>
Sample ID: S200603-0768  Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	omer Sample ID 1244-1  Result 0.05  omer Sample ID	Units mg/Kg	Date Sam 3/8/200 Reporting Limit 0.05	npled Time Sa 06 3:19  Analyst  Kleinworth  npled Time Sa	Ampled Ar 3/2	Date R 3/9/ Date nalyzed 21/2006	Data Flag
Sample ID: S200603-0768  Parameter  Mercury - AA Cold Vapor	Method EPA 245.5	omer Sample ID 1244-1  Result 0.05	Units mg/Kg	Date Sam 3/8/200 Reporting Limit 0.05	npled Time Sa 06 3:19  Analyst  Kleinworth  npled Time Sa	Ampled Ar 3/2	Date R 3/9/ Date nalyzed 21/2006	2006 Data Flag
Sample ID: S200603-0768  Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	omer Sample ID 1244-1  Result 0.05  omer Sample ID	Units mg/Kg	Date Sam 3/8/200 Reporting Limit 0.05  Date Sam 3/8/200	npled Time Sa 06 3:19  Analyst  Kleinworth  npled Time Sa	Ampled Ar 3/2	Date R 3/9/ Date nalyzed 21/2006  Date R 3/9/	2006  Data Flag  eccived



Sierra Environmental Monitoring, Inc.

Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date:

3/22/2006

Client:

RSC-937

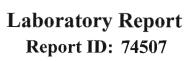
Taken by:

J. Lynn

PO #:

05317.1

Sample ID: 5200603-0770	Cust	omer Sample II	)	Date Sam	ipled Time Sai	mpled Date l	Received
S200603-0770		1245-1		3/8/200	06 3:21 F	PM 3/9	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/21/2006	
Sample ID:	Cust	omer Sample II	)	Date Sam	ıpled Time Sar	mpled Date I	Received
S200603-0771		1245-2		3/8/200	06 3:22 P	PM 3/9	/2006
Parameter	Method	Method Result		Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	< 0.05	mg/Kg	0.05	Kleinworth	3/21/2006	
<b>Sample ID:</b> S200603-0772	Custo	omer Sample ID	•	<b>Date Sam</b> 3/8/200	•	-	Received /2006
•	Custo Method	•	Units		-	-	
S200603-0772		1246-1		3/8/200 Reporting	3:25 P	PM 3/9.  Date	/2006 <b>Data</b>
Parameter Mercury - AA Cold Vapor	Method EPA 245.5	1246-1 Result	Units mg/Kg	3/8/200 Reporting Limit	Analyst Kleinworth	Date Analyzed 3/21/2006	/2006 <b>Data</b>
Parameter Mercury - AA Cold Vapor	Method EPA 245.5	1246-1  Result  <0.05	Units mg/Kg	3/8/200 Reporting Limit 0.05	Analyst Kleinworth  apled Time San	Date Analyzed 3/21/2006	/2006 Data Flag
Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result <0.05	Units mg/Kg	3/8/200 Reporting Limit 0.05  Date Sam	Analyst Kleinworth  apled Time San	Date Analyzed 3/21/2006	/2006 Data Flag





Date:

3/22/2006

Client:

RSC-937

Taken by:

J. Lynn

**PO** #:

05317.1

## Analysis Report

Sample ID: S200603-0774	Cust	omer Sample ID 1253-1		Date Sam 3/8/200	•	•	Received
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/21/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time Sa	mpled Date	Received
S200603-0775		1253-2		3/8/200	)6 2:17 I	PM 3/	9/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/21/2006	
<b>Sample ID:</b> S200603-0776	Custo	omer Sample ID 1209-1		<b>Date Sam</b> 3/8/200	-	-	Received
-	Custo Method	•	Units		-	-	
S200603-0776		1209-1	Units mg/Kg	3/8/200 <b>Reporting</b>	06 12:43	PM 3/9 Date	9/2006 <b>Data</b>
Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result <0.05	741-	3/8/200 Reporting Limit 0.05  Date Sam	Analyst Kleinworth  pled Time Sar	Date Analyzed 3/21/2006	Data Data Flag
Parameter Mercury - AA Cold Vapor	Method EPA 245.5	1209-1  Result  <0.05	741-	3/8/200 Reporting Limit 0.05  Date Sam 3/8/200 Reporting	Analyst Kleinworth  pled Time Sar	Date Analyzed 3/21/2006  mpled Date PM 3/9  Date	Data Flag Received 0/2006 Data
Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result <0.05	741-	3/8/200 Reporting Limit 0.05  Date Sam 3/8/200	Analyst Kleinworth  pled Time Sar	Date Analyzed 3/21/2006  mpled Date PM 3/9	Data Flag Received

sem@sem-analytical.com



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date:

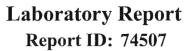
3/22/2006

Client: Taken by: RSC-937 J. Lynn

PO #:

05317.1

Sample ID:	Customer Sample ID	)	Date Sam	pled Time Sam	ipled Date I	Received	
S200603-0778		1213-1		3/8/200	6 1:08 PM	M 3/9	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/21/2006	
Sample ID.	Cust	Customer Sample ID			pled Time Sam	unlad Data I	Received
Sample ID:	Cusi	•	,	Date Sam	-	-	
S200603-0779	0779 1213-2			3/8/200	6 1:06 PN		/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	< 0.05	mg/Kg	0.05	Kleinworth	3/21/2006	
Sample ID:	Cust	omer Sample ID	•	Date Sam	pled Time Sam	pled Date I	Received
Sample ID: S200603-0780 Parameter	Custo Method	omer Sample ID 1216-1 Result	Units	Date Sam 3/8/200 Reporting Limit	•	•	Received /2006 Data Flag
S200603-0780		1216-1		3/8/200 <b>Reporting</b>	6 1:37 PM	M 3/9. <b>Date</b>	/2006 <b>Data</b>
S200603-0780  Parameter	Method EPA 245.5	1216-1 Result	Units mg/Kg	3/8/200 Reporting Limit	6 1:37 PN  Analyst  Kleinworth	Date Analyzed 3/21/2006	/2006 <b>Data</b>
S200603-0780  Parameter  Mercury - AA Cold Vapor	Method EPA 245.5	1216-1  Result  0.12	Units mg/Kg	3/8/200 Reporting Limit 0.05	Analyst Kleinworth  pled Time Sam	Date Analyzed 3/21/2006	/2006 Data Flag
Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result 0.12  Omer Sample ID	Units mg/Kg	3/8/200 Reporting Limit 0.05  Date Sam	Analyst Kleinworth  pled Time Sam	Date Analyzed 3/21/2006	/2006 Data Flag Received





Date:

3/22/2006

Client:

RSC-937

Taken by:

J. Lynn

PO #:

05317.1

### Analysis Report

Sample ID:	Custo	omer Sample II	)	Date Sam	pled Time Sai	mpled Date I	Received
S200603-0782		1220-1		3/8/200	)6 1:56 F	PM 3/9	/2006
Parameter	Method	Method Result Units			Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.28	mg/Kg	0.05	Kleinworth	3/21/2006	

Sample ID:

**Customer Sample ID** 

**Date Sampled** 

Time Sampled Date Received

3/9/2006

S200603-0783

1220-2

3/8/2006

1:54 PM

				Reporting		Date	Data
Parameter	Method	Result	Units	Limit	Analyst	Analyzed	Flag
Mercury - AA Cold Vapor	EPA 245.5	0.60	mg/Kg	0.05	Kleinworth	3/21/2006	

Data Flag Legend:



Resource Concepts
Attn: Robin Eppard

340 N. Minnesota Street Carson City, NV 89703 Date:

3/22/2006

Client:

RSC-937

Taken by: PO #:

J. Lynn 05317.1

### **Quality Control Report**

Parameter	LCS, % Recovery	MS, % Recovery	MSD, % Recovery	RPD, %	Method Blank
Mercury - AA Cold Vapor	102.0	100.0	117.0	15.20	<0.05 mg/Kg
Mercury - AA Cold Vapor	110.0	111.0	97.0	13.78	<0.05 mg/Kg

LCS-Laboratory Control Standard RPD-Relative Percent Difference MS- Matrix Spike

MSD- Matrix Spike Duplicate

Legend:

1135 F	INANCIAL	L BOULE	ENTAL MONITORII VARD - RENO - NEVAD 775) 857 - 2404 — E-Mail ser	A - 89502						CHAII	N OF CU	STODY RECORI	947	15	7
Client Name			ICEPTS INC.	Purchase Ord				Ar	nalyses	Requeste	ed	Turnaround	Time	Comp Moni	
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			Zip Report Attent	ion: 1206AN EPPARD		ontaine	RUNDE					Rush:		N -	lo:
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Date Sampled	Time Sampled	Sample Type *	Sample/lo	lentification	Preservative* See Key Below	Numb	in the state of th					Remark	s	<2	H >12
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Sample Temperature

Degrees C

Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The analytical results associated with this COC apply only to the samples as they are received by the laboratory. The liability of the laboratory is limited to the amount paid for the report.

Terms: Net thirty days on approved credit.

\* KEY: Sample Type: 1=Drinking Water, 2=Surface Water, 3=Ground Water, 4=Waste Water, 5=Soil, 6=RCRA, 7=Other Preservative: 1=NaOH, 2=NaOH + ZnOAC, 3=HNO3, 4=H2SO4, 5=Na2S2O3, 6=None, 7=Other

SEM COC Form Revised 02/01

#### **CHAIN OF CUSTODY RECORD**

PHONE: (7	75) 857 - 240	0 FAX:	(775) 857 - 240	4 E-Mail se	m@sem-analyt	ical.com										TD	1201	4		
Client Name	REWIL	CE CON	CEPTS 1	VC		Purchase Ord	ler 5:7.				Analy	yses F	Reques	ted		- and	Turnaroun	d/Time		pliance itoring
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City CACS	N City	State // V	Zip 84743	Report Atten		EOPARD		Containers	Mecc								Rus 24 Hr_		1 1	No: —
Sampled by:	JOSA	YNN		Signature:	147-	or Marine Strange											48 Hr _			Jse Only Sample
Date Sampled	Time Sampled	Sample Type *		Sample 1	dentification		Preservative* See Key Below	Number of	Torac								Rema	rks	<2	pH >12
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Degrees	Lat		1+	* KEY:	Sample Typ	e: 1=Drinkii	ng Water, 2=Su 2=NaOH + Zn											ther	II .	2/01



#### **CHAIN OF CUSTODY RECORD**

PHONE: (7	75) 857 - 240	0 FAX: (	775) 857 - 240	4 E-Mail se	m@sem-analyt	ical.com		_							$\Omega$	OB			
Client Name	RESOUR	ce an	128075 /	4°C		Purchase Ord	er			Ar	alyses	Reque	sted	· consistent	Tur	narbyno	d Time	Comp Monit	
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City A	UN_CITY_	State ∧//	<b>Zip</b> 89763	Report Atter	ition: Resid	EPPARD		of Containers	MERCURY							Rush 24 Hr		. N	o: 
Sampled by:				Signature:	ANTO	market ""maret took"		er of Co	TALM							48 Hr	·	Lab Us Sub-S	•
Date Sampled	Time Sampled	Sample Type *		Sample/I	dentification		Preservative* See Key Below	Number	Tot							Remar	ks	р <2	H >12
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Degrees C

Sample Type: 1=Drinking Water, 2=Surface Water, 3=Ground Water, 4=Waste Water, 5=Soil, 6=RCRA, 7=Other

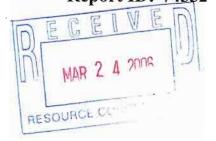
Preservative: 1=NaOH, 2=NaOH + ZnOAC, 3=HNO3, 4=H2SO4, 5=Na2S2O3, 6=None, 7=Other

02/01

					DA - 89502 m@sem-analytical.co										a 4 07	14			
			CEPTS W		Purcha O	ase Order				Analy	ses F	Requeste	ed			round	Time		pliance itoring
Addross	340 N.				Phone/Fax # 86.3.760	0 /883.1656	ırs	<b>**</b>	-						Standard	:	Other:		es:
City ARS	an City	State ∧/}/	Zip 89763	Report Atter	ROBIN EPPA	180	mber of Containers	MERCURY							24	Rush:	_	1	No:
Sampled by:	JOSH	LyNN		Signature:	47		er of C	1					1.		48	3 Hr			Jse Only Sample
Date Sampled	Time Sampled	Sample Type *		Samplé l	dentification	Preservative* See Key Below	-3	John Tok							Re	emark	s 	<2	pH >12
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Degrees	1.	bur	in the state of th	* KEY:	Sample Type: 1=	Drinking Water, 2=S NaOH, 2=NaOH + Zn										7=Oth	ier	02	2/01



Resource Concepts
Attn: Robin Eppard
340 N. Minnesota Street
Carson City, NV 89703



 Date:
 3/22/2006

 Client:
 RSC-937

 Taken by:
 J. Lynn

 PO #:
 05317.1

Dear Robin Eppard,

It is the policy of Sierra Environmental Monitoring, Inc to strictly adhere to a comprehensive Quality Assurance Plan that insures the data presented in this report are both accurate and precise. Sierra Environmental Monitoring, Inc. maintains accreditation in the State of Nevada (NV-15) and the State of California (ELAP 2526).

The data presented in this report were obtained from the analysis of samples received under a chain of custody. Unless otherwise noted below, samples were received in good condition, properly preserved and within the hold time for the requested analyses. Any anomalies associated with the analysis of the samples have been flagged with appropriate explanation in the Analysis Report section of this Laboratory Report.

#### General Comments:

- There are no general comments for this report.

#### Individual Sample Comments:

- There are no specific comments that are associated with these samples.

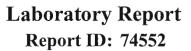
Approved By:

Date:

3/22/2006

Sierra Environmental Monitoring, Inc.

This report is applicable only to the sample received by the laboratory. The liability of the laboratory is limited to the amount paid for this report. This report is for the exclusive use of the client to whom it is addressed and upon the condition that the client assumes all liability for the further distribution of the report or its contents.





Date:

3/22/2006

Client: Taken by: RSC-937 J. Lynn

PO #:

05317.1

### Analysis Report

Sample ID:	Cust	omer Sample II	)	Date Sam	pled	Time Sam	pled	Date R	eceived
S200603-0958		1201-1		3/9/200	)6	4:11 PN	M	3/10	/2006
Parameter	Method	Result	Units	Reporting Limit	Aı	ıalyst		Date nalyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.16	mg/Kg	0.05	Kle	inworth	3/2	21/2006	
Sample ID:	Custo	omer Sample II	)	Date Sam	pled	Time Sam	pled	Date R	eceived
S200603-0959		1201-2		3/9/200	)6	4:07 PN	M	3/10/	/2006
				Reporting			]	Date	Data

				Reporting		Date	Data
Parameter	Method	Result	Units	Limit	Analyst	Analyzed	Flag
Mercury - AA Cold Vapor	EPA 245.5	< 0.05	mg/Kg	0.05	Kleinworth	3/21/2006	

Sample ID:	Custo	omer Sample II	)	Date San	npled Time Sai	mpled Date R	leceived
S200603-0960	129	01-2 - DUP		3/9/20	06 4:07 F	PM 3/10	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	< 0.05	mg/Kg	0.05	Kleinworth	3/21/2006	

Data Flag Legend:



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date:

3/22/2006

Client:

RSC-937

Taken by:

J. Lynn

**PO** #:

05317.1

## **Quality Control Report**

Parameter		LCS, % Recovery	MS, % Recovery	MSD, % Recovery	RPD, %	Method Blank
Mercury - AA (	Cold Vapor	102.0	100.0	117.0	15.20	<0.05 mg/Kg
Legend:		ory Control Standard Percent Difference	MS- Ma	trix Spike	MSD- Matrix S	pike Duplicate



11577

					em@sem-anal	ytical.com														
Client Name	RESAM	018 (	MCEPTS	luc		Purchase Ord	ler 317-1				Anal	yses l	Reque	sted			Turnaroun	d Time		pliance
Addrose	346 Nº			// <u>.</u>	Phone/Fax			ည	CORY								Standard:	Other:		itoring es:
City 二 (神在5g			21p 29763		ntion: Rolling	EPPARO	114,4	Containers	Meacu						ı		 Rush 24 Hr		N	<b>v</b> o:
Sampled by:	JoSH	Lynn		Signature:	John to	<sub>gard</sub> g + man maket man 2 agains and 5 <b>4444</b> E		5									48 Hr	_		lse Only Sample
Date Sampled	Time Sampled	Sample Type *		Sample	Identification	j.	Preservative* See Key Below	Number	Toral								Remar	ks	┥	pH >12
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Custody Yes	Seal Intact	None _		returned to they are re	are discarded o client or dis eceived by th	d 30 days afterposed of at o	er results are re lient expense. The liability of	The a	analytic	s othe	er arra ults as	ngem ssocia	ted wit	h this	COC	apply	ous samples will only to the samp	be	SEM Form	l COC Revised
	C M	ſ	er.	* KEY:	Sample Ty	⁄pe: 1≐Drinki				-							il, 6=RCRA, 7=0 Other	ther	02	2/01
II .																			H	



RSC-937

J. Lynn

05317.1

Resource Concepts

Attn: Robin Eppard

Client:

340 N. Minnesota Street

Carson City, NV 89703

PO #:

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#### General Comments:

- There are no general comments for this report.

#### **Individual Sample Comments:**

- There are no specific comments that are associated with these samples.

Approved By:

8/28/2006

Sierra Environmental Monitoring, Inc.

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Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703

Date:

8/28/2006

Client:

RSC-937

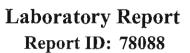
Taken by:

J. Lynn

PO #:

05317.1

Sample ID: S200608-1679	Cust	omer Sample II 1109-1	)	Date San 8/25/20	-	•	Received 8/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.08	mg/Kg	0.05	Kleinworth	8/28/2006	
Sample ID:	Cust	omer Sample II	)	Date Sam	npled Time Sar	npled Date l	Received
S200608-1680		1109-2		8/25/20	06 10:09 A	AM 8/2	8/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	8/28/2006	-
Sample ID:	Cust	omer Sample ID	)	Date Sam	•	-	Received
S200608-1681		1110-1		8/25/20	06 10:12 A	AM 8/28	3/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	8/28/2006	
Sample ID:	Cnst	omer Sample ID	)	Date Sam	•	-	Received
S200608-1682		1110-2		8/25/20	06 10:14 A	0.20	3/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.16	mg/Kg	0.05	Kleinworth	8/28/2006	





Date: Client: 8/28/2006 RSC-937

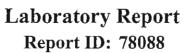
Taken by:

J. Lynn

PO #:

05317.1

Sample ID:	Custo	omer Sample II	)	Date San	ıpled	Time Sar	mpled	Date R	leceived
S200608-1683		1129-1		8/25/20	106	11:46	AM	Date Analyzed 8/28/2006  pled Date R M 8/28  Date Analyzed 8/28/2006  pled Date R M 8/28  Date Analyzed 8/28/2006  pled Date R M 8/28  Date Analyzed 8/28/2006	/2006
Parameter	Method	Result	Units	Reporting Limit	Ana	alyst	-		Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Klein	nworth	8/2	8/2006	
Sample ID:	Custo	omer Sample ID	)	Date Sam	•	Time Sar	-		eceived
S200608-1684		1129-2		8/25/20	00	11:48 A			
Parameter	Method	Result	Units	Reporting Limit	Ana	lyst			Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.12	mg/Kg	0.05	Klein	nworth	8/2	8/2006	
Sample ID: S200608-1685		omer Sample ID 30-1 (Back)	)	<b>Date Sam</b> 8/25/20	•	Time San 11:39 A	•		eceived /2006
				Reporting			1	Date	Data
Parameter	Method	Result	Units	Ĺimit	Ana	ılyst	_	alyzed	Flag
Parameter Mercury - AA Cold Vapor	Method EPA 245.5	0.17	Units mg/Kg		_	alyst aworth	An		Flag
	EPA 245.5		mg/Kg	Limit	Klein		8/2		
Mercury - AA Cold Vapor	EPA 245.5	0.17	mg/Kg	0.05	Klein	worth	An 8/2	8/2006 Date R	
Mercury - AA Cold Vapor  Sample ID:	EPA 245.5	0.17	mg/Kg	0.05  Date Sam	Klein	Time San	An 8/2 mpled AM	8/2006 Date R	eceived





Date:

8/28/2006

Client:

RSC-937

Taken by:

J. Lynn

PO #:

05317.1

Sample ID:	Cust	omer Sample ID		Date Sam	ipled Time S	ampled	Date R	leceived
S200608-1687		1144-1		8/25/20	006 10:16	Date Analyst S/28/2006  Time Sampled Date R 10:18 AM 8/28/ Date Analyst Aualyzed  Cleinworth 8/28/2006  Time Sampled Date R 10:18 AM 8/28/ Date Analyst Aualyzed Cleinworth 8/28/2006	/2006	
Parameter	Method	Method   Result   Units   Limit   Analyst   Analyzed		Data Flag				
Mercury - AA Cold Vapor	EPA 245.5	0.10	mg/Kg	0.05	Kleinworth	8/2	28/2006	
Sample ID:	Custo	omer Sample ID		Date Sam	ıpled Time S	ampled	Date R	leceived
S200608-1688		1144-2		8/25/20	006 10:18	3 AM	8/28	/2006
Parameter	Method	Result	Units		Analyst			Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.10	mg/Kg	0.05	Kleinworth	8/2	28/2006	
Sample ID:	Custo	-			-	-		eceived
Sample ID: S200608-1689	Custo	-		8/25/20	-	) AM	8/28	/2006
•	Custo Method	-	Units	8/25/20	-	AM	8/28 <b>Date</b>	
S200608-1689		1145-1	Units mg/Kg	8/25/20 Reporting	06 10:20	An	8/28 <b>Date</b>	/2006 <b>Data</b>
S200608-1689  Parameter	Method	1145-1 Result		8/25/20 Reporting Limit	06 10:20  Analyst	An	8/28 Date alyzed	/2006 <b>Data</b>
S200608-1689  Parameter	Method EPA 245.5	1145-1 Result		8/25/20 Reporting Limit	Analyst Kleinworth	Am  8/2	8/28/ Date alyzed	/2006 <b>Data</b>
S200608-1689  Parameter  Mercury - AA Cold Vapor	Method EPA 245.5	Result 0.07		8/25/20 Reporting Limit 0.05	Analyst Kleinworth	Am  8/2  ampled	8/28/Date alyzed 8/2006	/2006 Data Flag
S200608-1689  Parameter  Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result 0.07  Omer Sample ID		8/25/20 Reporting Limit 0.05	Analyst Kleinworth	Am 8/2 ampled AM	8/28/Date alyzed 8/2006	/2006 Data Flag



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date:

8/28/2006

Client:

RSC-937

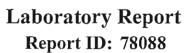
Taken by:

J. Lynn

PO #:

05317.1

Sample ID:	Cust	omer Sample ID	)	Date Sam	pled Time	Sampled	Date R	eceived
S200608-1691		1146-1		8/25/20	06 10:	32 AM	8/28	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst		Date ialyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	8/2	28/2006	
Sample ID:	Custo	omer Sample ID	)	Date Sam	pled Time	Sampled	Date R	eceived
S200608-1692		1146-2		8/25/20	06 10:3	29 AM	8/28	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	-	Date ialyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	8/2	28/2006	
Sample ID:	Custo	omer Sample ID	ı	Date Sam	pled Time	Sampled	Date R	eceived
S200608-1693		1151-1		8/25/20	06 11:0	05 AM	8/28/	2006
				Reporting		J	Date	Data
Parameter	Method	Result	Units	Limit	Analyst	An	alyzed	Flag
Parameter Mercury - AA Cold Vapor	Method EPA 245.5	Result   < 0.05	Units mg/Kg	0.05	Analyst Kleinworth		8/2006	Flag
	EPA 245.5		mg/Kg		Kleinworth		8/2006	Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth pled Time	8/2	8/2006 Date R	
Mercury - AA Cold Vapor  Sample ID:	EPA 245.5	<0.05	mg/Kg	0.05  Date Sam	Kleinworth pled Time	Sampled 08 AM	8/2006 Date R	eceived





Date: Client: 8/28/2006 RSC-937

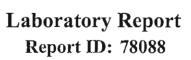
Taken by:

J. Lynn

PO #:

05317.1

Sample ID:	Cnst	omer Sample ID		Date San	npled Time Sar	mpled Date I	Received
S200608-1695		1152-1		8/25/20	006 11:10 A	AM 8/28	3/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	8/28/2006	
Sample ID:	Cust	omer Sample ID		Date San	npled Time San	npled Date I	Received
S200608-1696		1152-2		8/25/20	006 11:12 A	AM 8/28	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.05	mg/Kg	0.05	Kleinworth	8/28/2006	,
Sample ID: S200608-1697	Custo	omer Sample ID		Date Sam 8/25/20	•	-	Received /2006
-	Custo Method	•	Units		-	-	
S200608-1697		1203-1	Units mg/Kg	8/25/20 Reporting	06 11:27 A	AM 8/28 Date	/2006 <b>Data</b>
S200608-1697  Parameter	Method EPA 245.5	1203-1 Result		8/25/20 Reporting Limit	Analyst Kleinworth	AM 8/28  Date Analyzed  8/28/2006	/2006 <b>Data</b>
Parameter  Mercury - AA Cold Vapor	Method EPA 245.5	1203-1  Result  <0.05		8/25/20 Reporting Limit 0.05	Analyst Kleinworth  upled Time San	AM 8/28  Date Analyzed 8/28/2006  mpled Date F	/2006 Data Flag
Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result <a><a><a><a><a><a><a><a><a><a><a><a><a>&lt;</a></a></a></a></a></a></a></a></a></a></a></a></a>		8/25/20 Reporting Limit 0.05  Date Sam	Analyst Kleinworth  upled Time San	AM 8/28  Date Analyzed 8/28/2006  mpled Date F	/2006 Data Flag





Date:

8/28/2006

Client:

RSC-937

Taken by:

J. Lynn

PO #:

05317.1

Sample ID:	Cust	omer Sample ID		Date San	ipled	Time Sar	npled	Date F	Received		
S200608-1699		1204-1		8/25/20	006	11:23	AM	8/28	/2006		
Parameter	Method	Result	Units	Reporting Limit	An	alyst		Date nalyzed	Data Flag		
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Klei	nwortlı	8/2	28/2006			
Sample ID:	Custo	omer Sample ID		Date San	ipled	Time Sar	npled	Date R	leceived		
S200608-1700		1204-2		8/25/20	006	11:26 A	ΔM	8/28	/2006		
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\$200608-1701		30-1 (Front) Result	Units	8/25/20 Reporting Limit	06	11:35 A	AM	Date	/2006 <b>Data</b>		
Parameter Mercury - AA Cold Vapor	Method EPA 245.5	Result 0.12	Units mg/Kg	Reporting	06 <b>A</b> n	11:35 A	AM An		/2006		
Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result 0.12  Dimer Sample ID		Reporting Limit 0.05	An Klei	alyst nworth Time San	AM Am 8/2	Date nalyzed 28/2006 Date R	/2006 Data Flag		
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Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703

Date:

8/28/2006

Client: Taken by: RSC-937 J. Lynn

PO #:

05317.1

### Quality Control Report

Parameter	LCS, % Recovery	MS, % Recovery	MSD, % Recovery	RPD, %	Method Blank
Mercury - AA Cold Vapor	93.0	116.0	95.0	19.69	<0.05 mg/Kg
Mercury - AA Cold Vapor	93.0	91.0	88.0	3.84	<0.05 mg/Kg

LCS- Laboratory Control Standard Legend: RPD- Relative Percent Difference

MS- Matrix Spike

MSD- Matrix Spike Duplicate



THONE: (/	(5) 857 - 240	U PAX:	(115) 851 - 240	4 E-Mail ser	n@sem-analytical.com														
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## STATE OF NEVADA

Department of Conservation & Natural Resources

Kenny C. Guinn, Governor Allen Biaggi, Director

Leo M. Drozdoff, P.E., Administrator

## DIVISION OF ENVIRONMENTAL PROTECTION BUREAU OF CORRECTIVE ACTIONS

P: 775.687.9368 F: 775.687.8335

June 14, 2006

Ms. Robin Eppard Resource Concepts, Inc. 340 N. Minnesota St., Suite 230 Carson City, NV 89703



Subject: No Further Action

Location: Riverpark Subdivision, Units 11 & 12

RE: Superfund Reference Document, dated April 27, 2006

Dear Ms. Eppard:

The Nevada Division of Environmental Protection (NDEP) has reviewed the "Reference Document" relating to surface soils sampling for mercury at Units 11 & 12 of Riverpark Subdivision, Dayton, Nevada. Copies are to be distributed to and stored by the NDEP in Carson City and by Lyon County. The purpose of the Reference Document is to provide information related to mercury in surface soils in the Carson River Mercury Superfund site, and to act as one component of the Durable Notification Mechanism (DNM). The DNM is one requirement under "Option A" as outlined in the NDEP Letter, dated June 2, 2005. Upon receipt by NDEP of the Final Reference Document and recordation of the Environmental Covenant (deed restriction) Lennar will be deemed in compliance with the requirements of "Option A". The other major component of the DNM is a Long-Term Soils Management Plan (LTSMP), which will involve a variety of methods to ensure that property owners and residents in Riverpark Subdivision are aware of the site status. The LTSMP will be developed by the NDEP and implemented by both NDEP and Lyon County.

Sampling results of finish-grade soils in Riverpark Units 11 & 12 were less than the EPA action levels for residential properties (80 mg/Kg). Based on the information provided by Lennar Communities and their consultant, Resource Concepts, Inc., the NDEP will require no further assessment or remediation at this time of Riverpark Units 11 & 12. This closure of investigation is subject to the sampling data and information presented in the Reference Document. If new information is presented or future conditions warrant, the NDEP may request further information, data, investigation and/or remediation.

If you have any questions, or if I may be of further assistance, please do not hesitate to contact me at (775) 687-9385 or by e-mail at <u>igardner@ndep.nv.gov</u>., or Sam Jackson at (775) 687-9381.

Jeryl Gardner

Sincenely.

Environmental Scientist III

Superfund & Abandoned Mine Lands Programs

Bureau of Corrective Actions

cc: Lennar Communities, 10315 Professional Circle, Ste 110, Reno, NV 89521
Chairman, Lyon County Board of Commissioners, 27 S. Main St., Yerington, NV 89447
Wayne Praskins, Superfund Project Manager, USEPA-Region 9, 75 Hawthorne St., San Francisco, CA 94105
Sam Jackson, Supervisor, NDEP –Superfund Branch (electronic copy only)





## Additional Sampling Information

Sampling information relating to Unit 12 generated after the date on the cover of this Reference Document by regulatory agencies, property owners, or their agents, may be archived behind this page.