# CARSON RIVER MERCURY SITE REFERENCE DOCUMENT

Units 13 & 15 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 901 South Stewart Street, Suite 4001 Carson City, Nevada 89701

LENNAR COMMUNITIES 10315 Professional Circle, Suite 110 Reno, Nevada 89521

PREPARED BY:

ENGINEERING & PLANNING & RESOURCE MANAGEMENT

RESOURCE CONCEPTS, INC.

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RESOURCE CONCEPTS, INC. 340 N. Minnesota Street Carson City, Nevada 89703-4152

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#### **Acronyms**

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: 2011-4-6 rpt. Units 13&15 Ref Doc 05317.2 Lennar RAE-sta-jm L1-3-61.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 <a href="http://ndep.nv.gov/bca/carsonriver/criver-1.htm">http://ndep.nv.gov/bca/carsonriver/criver-1.htm</a>.

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.

 $\underline{\text{Option B}}$  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 13 and 15 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.

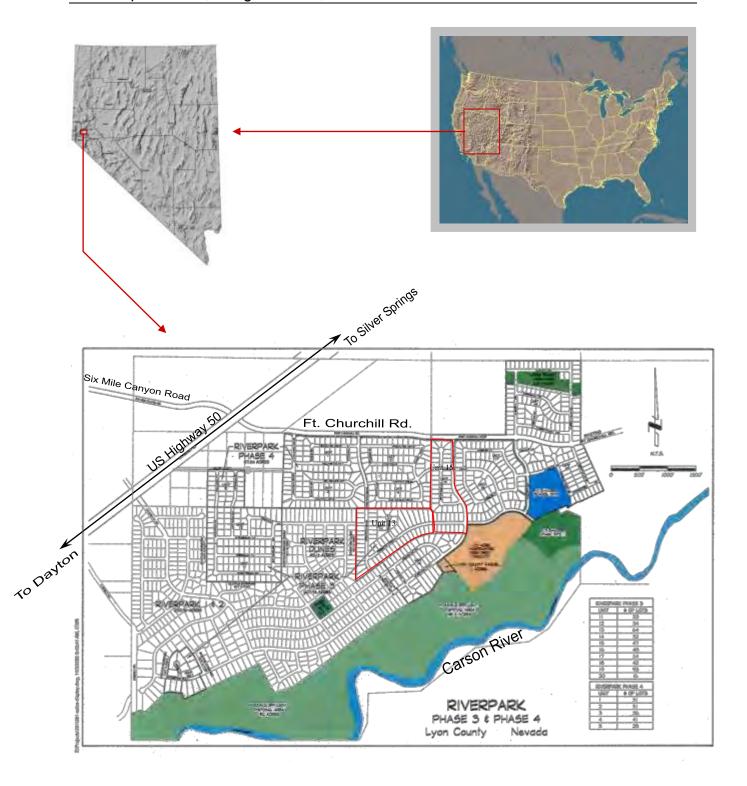
Sampling for Total Mercury at the Riverpark Subdivision, Dayton, Nevada, which is within the Carson River Mercury Site.

Robin Anne Eppard

Certified Environmental Manager (#1427)

Expires: March 8, 2013

Figure A: Vicinity Map Lennar – Riverpark Subdivision, Units 13 and 15 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).

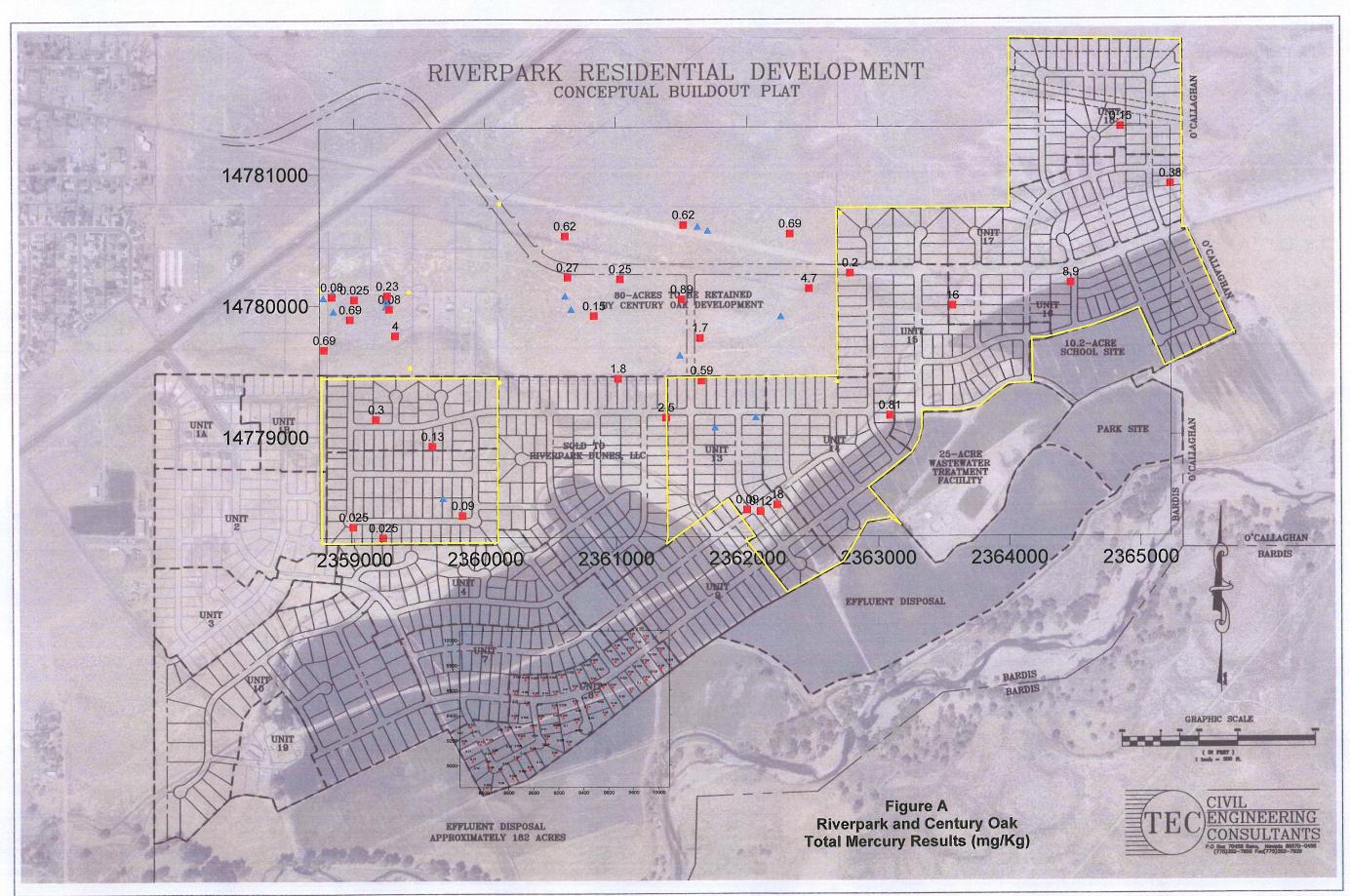
A pictorial representation of the analytical data using Surfer™ Software is presented in Figure A. Contour lines for total mercury are not shown because analytical results at or near 80mg/Kg were absent.

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

	Riverpark Subdivision and Adjoining Properties	
Sample	Samula Callection Location	Analytical
ID DOL 4	Sample Collection Location	Data (mg/Kg)
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 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 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 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	0.08
	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 – 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
S19A	APN 16-025-27 – Soils within ponded area	0.025
S19B	APN 16-025-27 – Soils within ponded area	0.25
	n=	34
	Minimum value	0.025
	Maximum value	18.0
	Mean value	1.97
	Median value	0.45



# **Analytical Data Sheets**







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 #:

#### 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.
- S200412-0220 Hg Samples reported on an as-received moist weight basis.
- S200412-0221 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
Carson City, NV 89703

Date;

12/9/2004

Client:

RSC-937

Taken by:

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:	Cust	tomer Sample II	D	Date Sam	ipled Time Samp	oled Date I	Received
S200412-0215		S 1		12/6/20	04 2:00 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	0,09	Layman	12/8/2004	Л
Sample ID:	Cust	omer Sample II		Date Sam	pled Time Samp	led Date F	leceived
227412-0216		S 2		12/6/20	04 2:07 PM	12/7	/2004
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Yercury - AA Cold Vapor	EPA 245.5	4.0	mg/Kg	0,5	Layman	12/8/2004	JI
Sample ID:	Custo	omer Sample II	).	Date Sam	pled Time Samp	led Date R	Leceived
Sample ID: 200412-0217	Custo	omer Sample II S 3		Date Sam			teceived /2004
Sample ID: 200412-0217 Parameter	Custo		Units				
200412-0217		S 3		12/6/200 Reporting	04 2:15 PM	12/7 Date	/2004 Data
Parameter [ercury - AA Cold Vapor	Method EPA 245.5	S 3  Result  0.08	Units mg/Kg	Reporting Limit	04 2:15 PM Analyst Layman	12/7 Date Analyzed 12/8/2004	/2004 Data Flag JI
200412-0217 Parameter	Method EPA 245.5	S 3  Result	Units mg/Kg	Reporting Limit 0.05	Analyst Layman  pled Time Samp	Date Analyzed 12/8/2004	Data Flag Jl
Parameter [ercury - AA Cold Vapor ample ID:	Method EPA 245.5	S 3  Result  0.08	Units mg/Kg	Reporting Limit	Analyst Layman  pled Time Samp	Date Analyzed 12/8/2004	/2004 Data Flag Jl
Parameter [ercury - AA Cold Vapor	Method EPA 245.5	S 3  Result 0.08  omer Sample III	Units mg/Kg	Reporting Limit 0.05	Analyst Layman  pled Time Samp	Date Analyzed 12/8/2004	Data Flag JI

Sierra Environmental

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

Date:

Monitoring, Inc. 12/9/2004

Client:

RSC-937

Taken by:

R. Eppard

PO #:

Sample ID;	Cus	tomer Sample II	)	Date Samp	oled Time Sai	mpled Date F	Received
S200412-0219		S 5		12/6/200	4 2:42 I	PM 12/7	/2004
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data
Mercury - AA Cold Vapor	EPA 245.5	<0,05	mg/Kg	0.05	Layman	12/8/2004	Л
Sample ID:	Cust	omer Sample ID	i.	Date Samp	oled Time Sar	npled Date F	Leceived
0412-0220		S 6		12/6/200	4 2:51 P	M 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	n
Sample ID:	Cust	omer Sample ID		Date Samp	led Time Sar	npled Date R	Leceived
200412-0221		\$7		12/6/2004			/2004
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
1ercury - AA Cold Vapor	EPA 245.5	0,69	mg/Kg	0.05	Layman	12/8/2004	Л
ample ID:	Cust	omer Sample ID		Date Samp		AND THE PROPERTY.	eceived
S200412-0222		S 8		12/6/2004 Reporting	) 3;U8 P	Date	Data
							-
Parameter	Method	Result	Units	Limit	Analyst	Analyzed	Flag

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:	Cust	tomer Sample L	D	Date Sam	pled Time Sa	ampled Date	Received
S200412-0223		S 9		12/6/20	04 3:20	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	U
Sample ID:	Cust	omer Sample II	)	Date Sam	pled Time Sa	mpled Date	Received
5000412-0224		S 10		12/6/200	04 3:25 1	PM 12	7/2004
Parameter	Method	Result	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	i i	Date Sam	pled Time Sa	mpled Date	Received
Sample ID: : :200412-0225	Custo	omer Sample II S 11	1	Date Sam			Received
Sample ID: ;200412-0225 Parameter	Custo Method		Units				7/2004 Data
200412-0225		S 11		12/6/200 Reporting	04 3:32 I	PM 12/ Date	7/2004 Data
Parameter fercury - AA Cold Vapor	Method EPA 245.5	S 11  Result  0.62	Units mg/Kg	12/6/200 Reporting Limit	Analyst Layman	PM 12/ Date Analyzed 12/8/2004	7/2004 Data Flag
Parameter fercury - AA Cold Vapor ample ID:	Method EPA 245.5	S 11 Result	Units mg/Kg	12/6/200 Reporting Limit	Analyst Layman  pled Time Sar	Date Analyzed 12/8/2004 mpled Date	7/2004 Data Flag
Parameter fercury - AA Cold Vapor	Method EPA 245.5	S 11  Result  0.62  omer Sample ID	Units mg/Kg	Reporting Limit -0.05	Analyst Layman  pled Time Sar	Date Analyzed 12/8/2004 mpled Date	7/2004  Data Flag  Jl



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:	Cust	tomer Sample II	0	Date Sam	pled Time Sa	mpled Date	Received
S200412-0227		S 13		12/6/20	04 3:45	PM 12/	7/2004
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Mercury - AA Cold Vapor	EPA 245,5	0.15	mg/Kg	0.05	Layman	12/8/2004	Л
Sample ID:	Cust	omer Sample II		Date Sam	pled Time Sa	mpled Date	Received
5200412-0228		S 14		12/6/20	04 3:54 1	PM 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:	Cust	omer Sample II	1	Date Sam	pled Time Sa	mpled Date	Received
Sample ID: 3200412-0229	Cust	omer Sample III S 15	1	Date Sam 12/6/200	The state of the s		Received
Sample ID: 3200412-0229	Cust Method		Units		The state of the s		
3200412-0229		S 15		12/6/20 Reporting	04 4:02 F	PM 12/ Date	7/2004 Data
\$200412-0229 Parameter	Method EPA 245.5	S 15 Result	Units mg/Kg	12/6/200 Reporting Limit	Analyst Layman	PM 12/ Date Analyzed 12/8/2004	7/2004 Data Flag
Parameter  fercury - AA Cold Vapor	Method EPA 245.5	S 15  Result  2.5	Units mg/Kg	12/6/200 Reporting Limit	Analyst Layman  pled Time San	PM 12/PM Date Analyzed 12/8/2004 mpled Date I	7/2004 Data Flag
Parameter  fercury - AA Cold Vapor  ample ID:	Method EPA 245.5	S 15  Result 2.5  omer Sample ID	Units mg/Kg	Reporting Limit 0.2	Analyst Layman  pled Time San	PM 12/PM Date Analyzed 12/8/2004 mpled Date I	7/2004  Data Flag  Jl



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

Date:

12/9/2004

Client:

RSC-937

Taken by:

R. Eppard

PO #:

#### Analysis Report

Sample ID:	Cust	omer Sample II	)	Date Sam	pled Time Sam	pled Date P	Received
S200412-0231		S 17		12/6/20	04 4:15 PM	1 12/7	/2004
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	1.7	mg/Kg	0.1	Layman	12/8/2004	Л
Sample ID:	Cust	omer Sample III		Date Sam	pled Time Sam	oled Date R	leceived
7~~9412-0232		S 18		12/6/200	04 4:21 PM	1 12/7	/2004
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
7 ( 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	EPA 245.5	0.00	77.5	0.05	Yasıman	12/8/2004	Л
	uttera	0.89 omer Sample ID	mg/Kg	Date Sam	Layman pled Time Samı	oled Date R	leceived
Sample ID: 200412-0233	Cust	omer Sample ID S 19A		Date Sam 12/6/200 Reporting	pled Time Samp 04 4:28 PM	oled Date R 12/7	leceived /2004 Data
Sample ID: 200412-0233 Parameter	Cust Method	omer Sample ID S 19A Result	Units	Date Sam 12/6/200 Reporting Limit	pled Time Samp 04 4:28 PM Analyst	oled Date R I 12/7. Date Analyzed	leceived /2004 Data Flag
Sample ID: 200412-0233	Cust	omer Sample ID S 19A		Date Sam 12/6/200 Reporting	pled Time Samp 04 4:28 PM	oled Date R 12/7	leceived /2004 Data
Sample ID: 200412-0233 Parameter	Method EPA 245,5	omer Sample ID S 19A Result	Units	Date Sam 12/6/200 Reporting Limit	pled Time Samp 04 4:28 PM Analyst Layman	Date R Date Analyzed 12/8/2004	leceived /2004 Data Flag
Sample ID: 200412-0233  Parameter  fercury - AA Cold Vapor	Method EPA 245,5	omer Sample ID S 19A Result <0.05	Units	Date Samp 12/6/200 Reporting Limit 0,05	pled Time Samp 04 4:28 PM Analyst Layman pled Time Samp	Date R Date Analyzed 12/8/2004	leceived /2004 Data Flag
Sample ID: 200412-0233  Parameter fercury - AA Cold Vapor  ample ID:	Method EPA 245,5	omer Sample ID S 19A  Result <0.05  omer Sample ID	Units	Date Samp 12/6/200 Reporting Limit 0.05	pled Time Samp 04 4:28 PM Analyst Layman pled Time Samp	Date R Date Analyzed 12/8/2004	Data Flag

A - The batch MS and/or MSD were outside acceptance limits. The batch LCS was acceptable.



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 Blan
Mercury - AA	Cold Vapor	102.0	107.0	253.0	81.29	<0.05 mg
MSD	Hg - MSD fai	iled due to sample inhon	ogeneity, see M	S recovery.		
Legend:		ry Control Standard Percent Difference	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

02/01

PHONE: (77	5) 857 - 2400	FAX:	775) 857 - 2404 E-Mail	sem@sem-analytical.co	om -					rage 101		
Client Name Resou	irce C	orca	ots, Inc		ase Order -248,3			Analyses Requested		Turnaround Time	Compl	
Address 340 N	J. Mini	neso	2 SA	Phone/Fax # 803-1600	1883-1686	Sie	20			Standard: Other:	Ye	s:
City Coxsoy	naty	State	89903 Report All		B	Containers	Hereury			Rush:	No.	0:
Sampled by: Roloin	A.E		-	in a complete	ard					48 Hr X	Lab Us Sub-Si	se Only Sample
Date Sampled	Time Sampled	Sample Type *	Sample	le Identification	Preservative* See Key Below	Number of	10/2/			Remarks	ρl <2	H >12
60204	1400	5	51.		6	1	V					
1	1407	5	52 1		6	1	/					
	1415	5	53 .		6	1	V					
	1427	5	54.		6	1	V					
	1442	S	65 '		6	1	V					
	1451	5	56		6	1	V		4			
	1500	5	97 '		6	1	V					
	1508	5	88 .		6	1	V				4 = 1	
1	1520	5	S9 1		6	1	V					
Dalinguicho	4 Due	Signatu			Print Name			Company		Date	Time	е
Relinquished	ben (	26	ppard	Robin	A. Eppard	1		RCI		6 Dec 04	1632	1
Received By	~ Ale	herm	1	Drew For	leson			RCI		6 Dec 04	1637	7
Reimpulsher	The	no		Draw f	zyksory			RCI		7 Dec ou	9:00	
Received By					, ,							
Relinquished	i By:	<u> </u>									-11	
Received	y Laboratory:	Frui	thron!	Stacey.	Smithso	n		SEM		12-7-04	9:0	10/
Yes	Seal Intact No	None_X	returned they are	es are discarded 30 da d to client or disposed	ays after results are re d of at client expense. oratory. The liability of	eporte The	analytical i	other arrangements are made results associated with this C is limited to the amount paid	OC app	dous samples will be ly only to the samples as	SEM Form F	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

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

CHAIN OF CUSTODY RECORD

Page 2 of 3

PHONE: 177	5) 857 - 2400	FAX: (7	775) 857 - 240	E-Mail s								10ge 207 3						
Client Name			pts, 1		Purchase Orde				An	alyses F	Requesto	ed		Turnaround	Time		npliance nitoring	
Address 340 N. City Caxson Samoled by:	. MIDI	State	7A ST Zip 9703	Report Aite	3-1656	r of Containers	1 Herruny					s	Rush: 24 Hr 48 Hr	-	Lab	No: X Use Only		
Date Sampled	Time Sampled	Sample Type *		Sample	Identification	12000	Preservative* See Key Below	Number	10401						Remark	is	<2	ρH
boad	1525	5	310				6	1 tur	1									
1	1532	5	511	gi ×			6	100	1									
	1538	5	512	1			b	1	V									
1 1	1545	S	513				6	$\mathbf{t}$	V									
	1554	5	914	,			6	1	1									
	1602	5	515	r			6	1	V			171		1				
	1610	5	SIb				6	1	V									
	1615	5	JIT	•			6	1	V	_								
1	1621	5	518				0	1	V		1							1
Relinquishe	d By:	Signati	vard 2		Rob	Print 1	Eppard			7	201	npany		1	Date Dec 01	į	163	ime 2
Received By	· al	mar	/		Dra	s fortes	Socia			R	CI				Pec o		163	
Reliminishe	d By: Gh	-	. ,		Preu	Fag	wy				CI			7	Peco		9:0	
Received B		_							-									
Received B	Laboratory	Sw	the	w	Sta	ceuSr	nithso	M		St	SM			De	c-7,20	204	9:02	) Am
Yes	Seal Inlact	None >	4	Samples returned they are Terms:	s are discarde to client or d received by Net thirty day	ed 30 days aft lisposed of at the laboratory s on approve	er results are re client expense . The liability of d credit.	eporte The If the la	d unles analyti aborato	al results ry is limit	ed to the	ated with e amour	this COC t paid for t	apply only ne report.	to the samp	be lles as	SE	EM COC n Revised 02/01
Degree	s C			* KEY:			king Water, 2=8 H, 2=NaOH + Z									ther		out i

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 04248,3 Resource Corrects, Monitoring Yes: Phone/Fax # Standard: Other. Address Therain 340 N. Minnesota Number of Containers No: Rush: TROBIN A. Eppera Lab Use Only Jeto! Robin Sub-Sample Remarks Date Time Sample See Key Below Type \* <2 >12 Sampled Sampled 919A 6 Decot 1628 6 919B 1628 10

Signature	Print Name	Company	Date	Time
Relinguished By: Copard	Robin A. Eppard	RCI	60ec 04	1632
Received By: Drum Jamm	and Feyleson	RCI	le Dec 04	1632
Resignationed By:	Vew Fagleson	RLI	7 Dec 04	9:00
Received By:				
Relinquished By:				
Received By Laboratory With A	Staceu Smithson	SEM	Dec. 7,2004	9:00A

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 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

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

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

SEM COC

Form Revised

02/01



Date: 1/28/2005 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:

- S200501-1198 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.

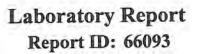
Approved By:

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.





Date:

1/28/2005

Client:

RSC-937

Taken by:

R. Eppard

PO #:

04248.2

Sample ID:	.780.405	omer Sample ID RCI-10		Date Samp 1/27/2003			
S200501-1198  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:	Custo	omer Sample ID		Date Samp	oled Time San	npled Date R	eceived
S200501-1199		RCI-11		1/27/200	5 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: S200501-1200	Cust	omer Sample ID RCI-12		Date Samp 1/27/200			eceived
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: S200501-1201	Cust	omer Sample ID RCI-14		Date Samp 1/27/200	12 To 10 To	A STATE OF THE STA	Received
5200501-1201				Reporting		Date	Data
Parameter	Method	Result	Units	Limit	Analyst	Analyzed 1/28/2005	Flag



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 1/27/200			Date Received 1/28/2005		
Parameter	Method	Result	Units	Reporting Limit	Analyst		ate alyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	< 0.05	mg/Kg	0.05	Layman	1/28	3/2005	

Data Flag Legend:



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

Date:

1/28/2005

Client:

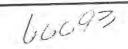
RSC-937

Taken by: PO #: R. Eppard 04248.2

Quality Control Report

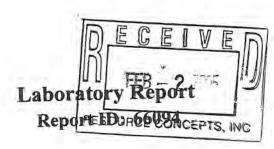
			date: Larlie e a la la vida de la	-			
Parameter		LCS, % Recovery	MS, % Recovery	MSD, % Recovery	RPD, %	Method Blank	
Mercury - AA Co	old Vapor	102.0	87.0	91.0	4.01	<0.05 mg/K	
		ory Control Standard Percent Difference	MS- Ma	trix Spike	MSD- Matrix S	pike Duplica	ite

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



# CHAIN OF CUSTODY RECORD

HONE: (77	5) 857 - 2400	FAX: (7	75) 857 - 2404 E-Mail se	m@sem-analytical.com Purchase Ord				-	Analys	ses Re	quest	ed	Turnaround Tir	ne	Complia Monito	ring
Address 340 N. Hinnesota St. 883-1600/883-1656						ners	Mercury						G.G. 1805	ther:	Yes X No:	
City	City	State	Zip Report Atter	A. Eppard	Ī	of Containers	mer	1		1			24 Hr X Capedado Talva	مربعد	Lab Use Sub-Sa	0.00
Pobin Date	A.E.	Sample Type*	1 (KO)	Bur a Coppe Identification	Preservative* See Key Below	umber	Total						Remarks	DAY SEE	pН	
Sampled 271/AN	Sampled 1447	5	BC1-10		6	1	1						115)771-0212			-
2005	1505	5	RC1-11		6	1	1						12	avu		
1	1517	5	RC1-12		6	1	V									
1	1530	5	RC1-13 -		6	1	V				-	25	- Did not	recie	je	-
1	1542	5	RC1-14.		6	1	V				1		Sampl	L.		
1	1550	5	RCI-15		6	1	1	1, 1								
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		Signat	ire	Print	Name	_				Comp	any		Date		Time	)
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Received B		0	grace	-100 is	Sterhou				2	CI			27 Jan 05	-	166	12
Relinquishe	d By:									-CI			28Jan0	5	9:0	3O
Tavis Os				11	ROI			28 Jan 0		9:00						
Relinquishe	MIAA	MAN		Muhille We			+-	- 1	41	1			28 Jan os		10.00	)
Maril	Laboratory	Velid	L.Ji	Mobilla				_	th	1			28 Jan		10:	OUM
Custody Yes	Seal Intac	None >	returned they are	to client or disposed of a received by the laborator	fter results are r t client expense y. The liability o	eport The of the	ed unles analytic laborato	s other al res	er arra sults as imited	ngeme ssociat to the	amou	nt paid for	Hazardous samples will be C apply only to the sample: the report.	s as	Form I	COC Revise
Sample	Temperatu	nbien	* KEY:	Sample Type: 1=Drii Preservative: 1=NaC	oking Water 2=	Surfac	ce Water C, 3=HN	, 3=G O3, 4	round =H2S	Water 04, 5=	, 4=W Na2S	aste Wate 203, 6=No	er, 5=Soil, 6=RCRA, 7=Oth one, 7=Other	er	1	





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.

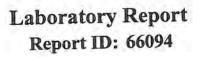
Approved By:

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.





Date:

2/1/2005

Client:

RSC-937

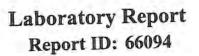
Taken by:

R. Eppard

PO #:

04248.2

Sample ID:	Customer Sample ID  RCI-1			Date Sampled 1/27/2005	1:05 PM	d Date Re	
S200501-1203	Method	Result	Units	Reporting Limit	Analyst A	Date Analyzed	Data Flag
Parameter Mercury - AA Cold Vapor	EPA 245.5	16	mg/Kg	2	Lî	1/31/2005	C
Sample ID:	Custo	omer Sample ID		Date Sampleo	d Time Sample	d Date R	
S200501-1204	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Parameter Mercury - AA Cold Vapor	EPA 245.5	0.38	mg/Kg	0.05	Li	1/31/2005	С
Sample ID:	Customer Sample ID RCI-3			Date Sample	d Time Sample		eceived /2005
S200501-1205	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Parameter  Mercury - AA Cold Vapor	EPA 245.5	0.15	mg/Kg	0.05	Li	1/31/2005	C
Sample ID:	Cust	tomer Sample ID		Date Sample	ed Time Sampl		Received
S200501-1206	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Parameter  Mercury - AA Cold Vapor	EPA 245.5	8.9	mg/Kg	0.5	Li	1/31/2005	C





Date:

2/1/2005

Client:

RSC-937

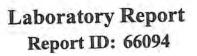
Taken by:

R. Eppard

PO #:

04248.2

Sample ID:	Customer Sample ID  RCI-5			Date Sampled 1/27/2005	Time Sampled 1:47 PM	d Date Re 1/28/2	
3200501-1207	Method	Result	Units	Reporting Limit A	and Joe	Date Analyzed	Data Flag
Parameter Mercury - AA Cold Vapor	EPA 245.5	0.20	mg/Kg	0.05	Li 1	1/31/2005	С
Sample ID:	Custo	omer Sample ID		Date Sampled	Time Sample	d Date Re	
S200501-1208	Method	Result	Units	Reporting Limit	Analyst A	Date Analyzed	Data Flag
Parameter Mercury - AA Cold Vapor	EPA 245.5	0.81	mg/Kg	0.05	Li	1/31/2005	С
Sample ID: S200501-1209	Cust	omer Sample ID RCI-7		Date Samples 1/27/2005 Reporting	d Time Sample 1:58 PM		eceived /2005 Data
Parameter	Method	Result	Units		1200	Analyzed	Flag
Mercury - AA Cold Vapor	EPA 245.5	18	mg/Kg	2	Li	1/31/2005	
Sample ID:							
	Cust	tomer Sample ID		Date Sample 1/27/2005	d Time Sampl 2:15 PM		Received 8/2005
Sample ID: S200501-1210	Cust	tomer Sample ID RCI-8 Result	Units				Received 8/2005 Data Flag





Date:

2/1/2005

Client:

RSC-937

Taken by:

R. Eppard

PO #:

04248.2

# Analysis Report

Sample ID:	Customer Sample ID RCI-9			Date Sampled 1/27/2005		Time Sample 2:35 PM		Date Received 1/28/2005	
S200501-1211	Method	Result	Units	Reporting Limit	An	alyst	Date Analyzed	Data Flag	
Parameter	Method	Result		0.05	1	1.5	/31/2005	C	
Mercury - AA Cold Vapor	EPA 245.5	0.12	mg/Kg	0.05		Li	1/31/2003		

Data Flag Legend:

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



04248.2

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 #:

Quality Control Report

		Quuity	Comitot		DDD 0/	Method Blank
Parameter		LCS, % Recovery	MS, % Recovery	MSD, % Recovery	RPD, %	Methou Duna
Mercury - AA	Cold Vapor	104.0	-400.0	-200.0	-66.67	<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

Degrees C

#### CHAIN OF CUSTODY RECORD

IONE: (775	857 - 2400	FAX: (7	75) 857 - 2404 E-Mail set	m@sem-analytical.com Purchase Or	der			1 i	Analys	es Req	uestec	9 -	Turnaround Time		Compli	
RESO  ddress  340 k  ity  Apso  ampled by:	NGTY	State NV S	Signature:	Phone/rax # 833-1600/88 tion: A. Eppard	33-1656	r of Containers	merceny						Standard: Other Rush: 24 Hr  48 Hr		Yes No No Lab Use Sub-Sa	o: e Only
Robin Date Sampled	Time Sampled	Sample Type*	Sample I	dentification	Preservative* See Key Below	Number of	Total						Remarks		<2 P	>12
LIALF	1305	5	RCI-I		6	1	V	= ,			4					
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-	1435	5	BC1-9		6	1	V		ULU				Date	_	Tim	e
and a		Signati		- 1 4	Name		-		DA	Compa	any		27Jan05	-	164	
elinguishe	THE G	EPH	rand	Robin A.	Eppard		-		RC							
eceived B	V	4		Travis (	Deferhor	nt			RC				27Jan 05		9:	
elinquishe	d By:	4	700	Travis	Osterho	ut	-		RC	1			2PJan05	1	_	_
Received B	y:/ // /	.11.1	Į.		Nard		1		RU				28 Jan 05		90	0
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Mu	d By III	LUa	, 1.7.	Middle	1115	2.1	1		Cr	137			28 Jun 0	- 1	10:1	00
71	y Laboratory  Seal Intac  No	TYLLA	returned they are	to client or disposed of a received by the laborato	at client expense ry. The liability	report The	labora	tory is l	imited	ngeme ssociate to the a	amoun	t paid for th	azardous samples will be apply only to the samples a ne report.	as	SE/ Form	N COC
Sample	Temperatu	ire	Terms:	Net thirty days on approv Sample Type: 1=Dr	nking Water, 2=	Surfa	ce Wat	er, 3=0	Ground	Water	, 4=Wa	ste Water,	5=Soil, 6=RCRA, 7=Other ne. 7=Other			

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

#### **Unit 13**

Final Grade Data



#### STATE OF NEVADA

Department of Conservation & Natural Resources

Kenny C. Guinn, Governor Allen Biaggi, Director

Leo M. Drozdoff, P.E., Administrator

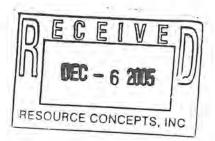
DIVISION OF ENVIRONMENTAL PROTECTION BUREAU OF CORRECTIVE ACTIONS

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.

Jeg 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

March 9, 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 13 and 15,

Riverpark Subdivision (Phase 3), Dayton, Nevada.

Dear Mr. Gardner:

Resource Concepts, Inc. (RCI) has been engaged by Lennar Communities (Lennar) to conduct sampling of soils in Units 13 and 15 of Phase 3 of the Riverpark Subdivision in Dayton, Nevada (Figure A). Lennar has agreed to develop Units 13 and 15 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 13 and 15 will be consistent with the December 2004 SAP by reference. Actual sample grids for Units 13 and 15, 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 Office (Yerington, Nevada). As chapters in the Reference Document, Units 13 and 15 will have satisfied the durable notification requirement under Option A.

Mr. Jeryl Gardner, ES III March 9, 2006 Page 2

In order to maintain site development schedules, RCI would appreciate a response to this request at your earliest convenience, so that sampling may continue on the heels of Units 11 and 12. 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

Robin Anne Eppard

Certified Environmental Manager (#1427)

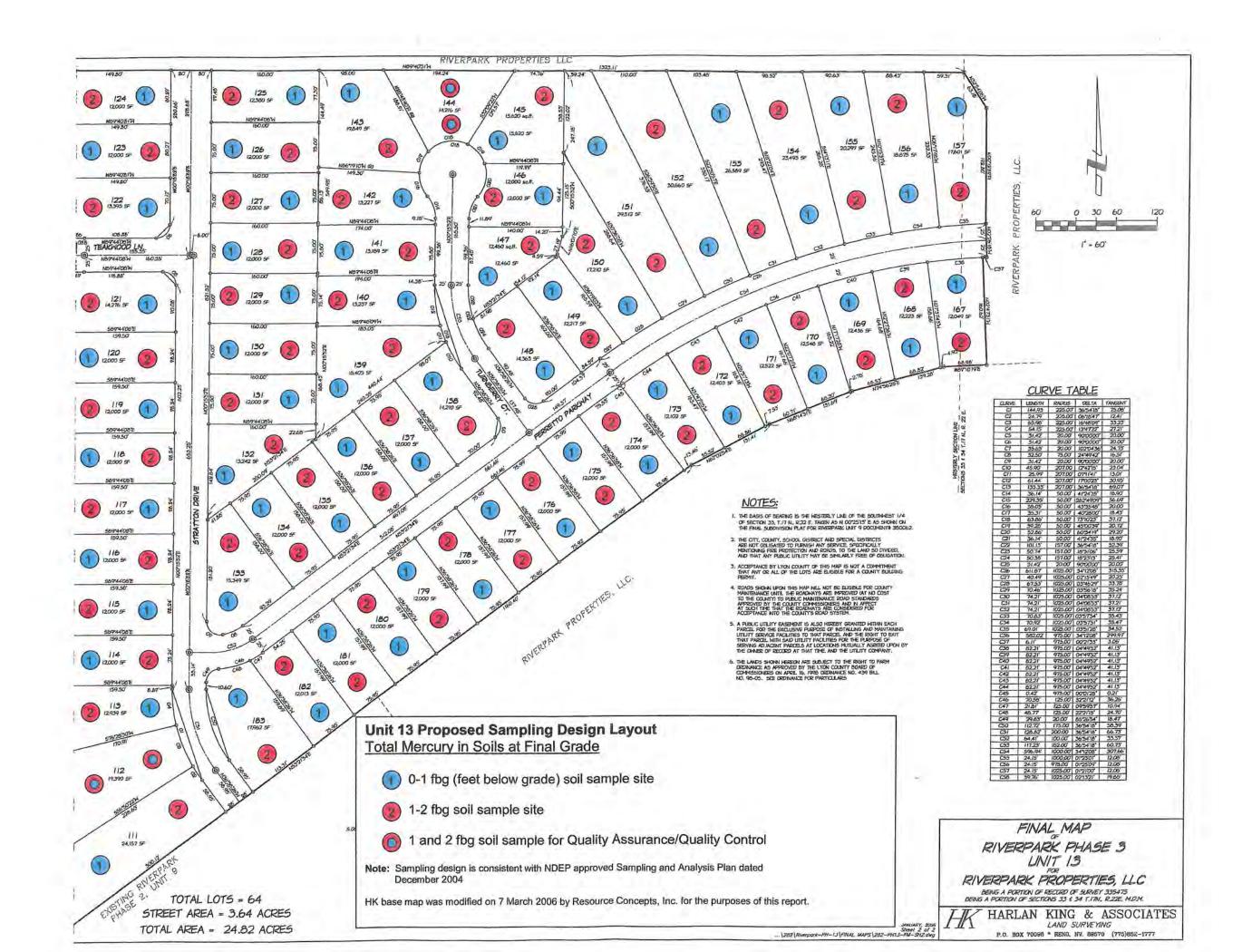
Expires: March 8, 2007

RAE:sta Attachments

cc: Clayton Miller, Lennar Rebecca Caterino, Lennar Ed Davis, Reynen & Bardis John Griffin, Esq.



Units 13 and 15 are encircled in red. Previously sampled Units, or Units currently being sampled, are encircled in yellow.





#### STATE OF NEVADA

Department of Conservation & Natural Resources

Kenny C. Guinn, Governor Allen Biaggi, Director

DIVISION OF ENVIRONMENTAL PROTECTION BUREAU OF CORRECTIVE ACTIONS

P: 775-687-9368 F: 775-687-8335 April 19, 2006 Leo M. Drozdoff, P.E., Administrator

DECEIVE

RESOURCE CONCEPTS, INC.

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 13 & 15 - Riverpark Subdivision, Dayton, NV

Dear Ms. Eppard:

On March 13, 2006, the Nevada Division of Environmental Protection (NDEP) received the 'Request for Approval for sampling and analysis plan for Units 13 and 15, 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 13 and 15 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 13 and 15 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. The NDEP anticipates delivery of this report with previous unit sampling results by April 26, 2006. The NDEP will not approve future sampling plans prior to receipt of the Reference Document.

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.

Singerely,

Jeryl 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 13

#### **Scope of Work**

A total of 132 samples from 64 lots were collected from Unit 13 between March 6 and March 15, 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 112 and 144 were sampled at both the 0-1 and 1-2 fbg levels (Sample numbers 13-112 and 13-144), from both the front and back yards; and
- The analytical laboratory randomly picked one sample (124 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.

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

#### Results

The analytical data (Table 13-A) 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. These data are entered as ½ that value, or 0.025mg/Kg. The maximum concentration of mercury in soils from the 0-1fbg level was 0.41mg/Kg, and 0.79mg/Kg for soils from the 1-2fbg level. The average value for mercury from the 0-1fbg level was 0.09mg/Kg, and 0.07mg/Kg from the 1-2fbg level. Finally, the median value all soil samples from the 0-1fbg level was 0.06mg/Kg, and 0.025mg/Kg from the 1-2fbg level. All samples collected from Unit 13 are well below the regulatory limit of 80mg/Kg.

A pictorial representation of the analytical data using Surfer™ Software is presented in Figures 13-A and 13-B. Figure 13-C 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 13-A
Summary of Unit 13 Testing for Total Mercury in Soils
Riverpark Subdivision, Dayton, Nevada

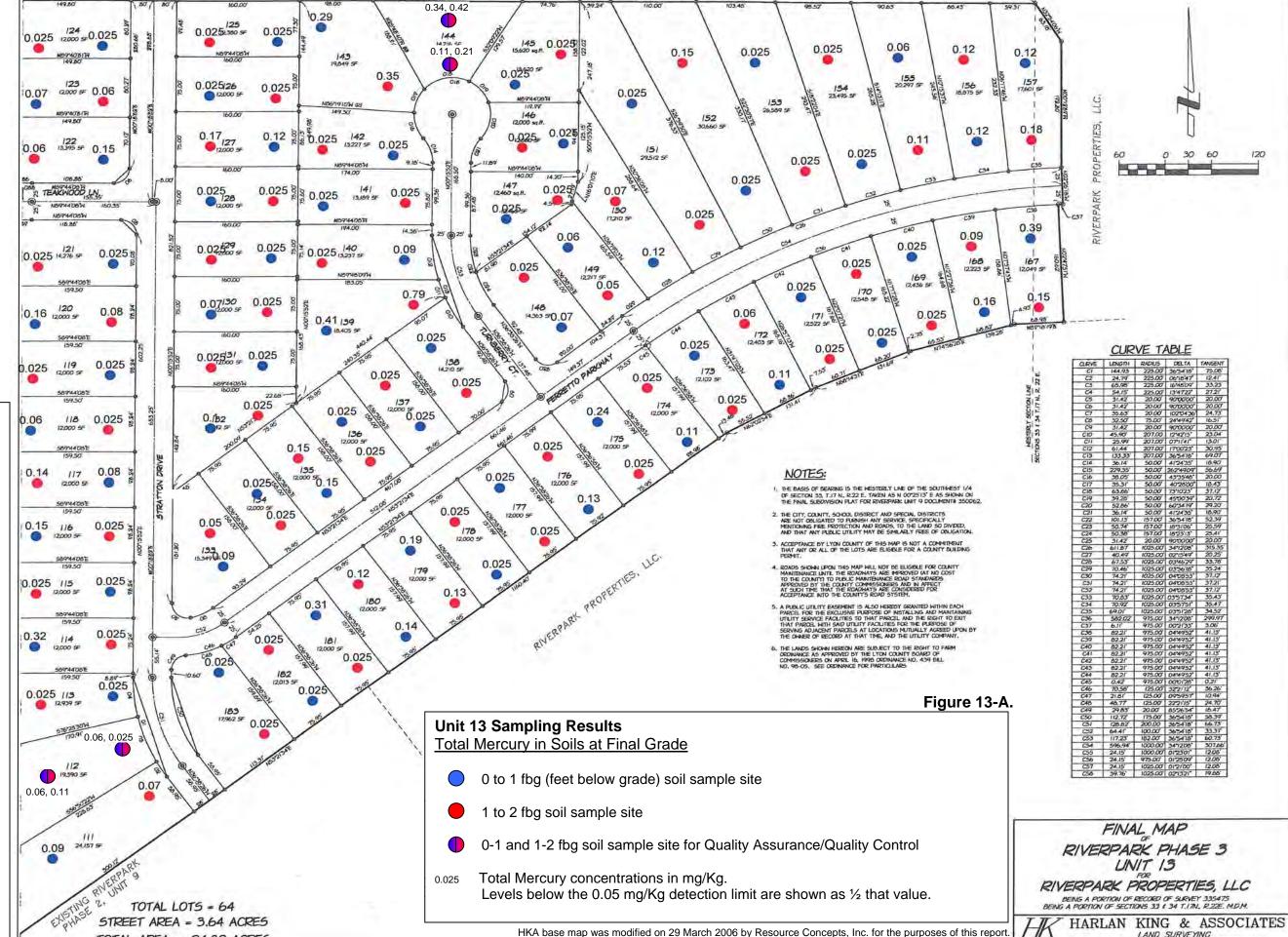
	0-1	fbg	ĺ	• •	1	-2 fbg	
	Total				Total		Total
Lot	Mercury	Lot	<b>Total Mercury</b>		Mercury	Lot	Mercury
Number	(mg/Kg)	Number	(mg/Kg)	Number	(mg/Kg)	Number	(mg/Kg)
13-111-1	0.09	13-143-1	0.29	13-111-2	0.07	13-143-2	0.35
13-112-1F	0.06	13-144-1F	0.11	13-112-2B	0.11	13-144-2B	0.42
13-112-1B	0.06	13-144-1B	0.34	13-112-2F	0.025	13-144-2F	0.21
13-113-1	0.025	13-145-1	0.025	13-113-2	0.025	13-145-2	0.025
13-114-1	0.32	13-146-1	0.025	13-114-2	0.025	13-146-2	0.025
13-115-1	0.025	13-147-1	0.025	13-115-2	0.025	13-147-2	0.025
13-116-1	0.15	13-148-1	0.07	13-116-2	0.025	13-148-2	0.025
13-117-1	0.08	13-149-1	0.06	13-117-2	0.14	13-149-2	0.05
13-118-1	0.06	13-150-1	0.12	13-118-2	0.025	13-150-2	0.07
13-119-1	0.025	13-151-1	0.025	13-119-2	0.025	13-151-2	0.025
13-120-1	0.16	13-152-1	0.025	13-120-2	0.08	13-152-2	0.15
13-121-1	0.025	13-153-1	0.025	13-121-2	0.025	13-153-2	0.025
13-122-1	0.15	13-154-1	0.025	13-122-2	0.06	13-154-2	0.025
13-123-1	0.07	13-155-1	0.06	13-123-2	0.06	13-155-2	0.11
13-124-1	0.025	13-156-1	0.12	13-124-2	0.025	13-156-2	0.12
13-124-1DUP	0.025	13-157-1	0.12	13-125-2	0.025	13-157-2	0.18
13-125-1	0.025	13-167-1	0.39	13-126-2	0.025	13-167-2	0.15
13-126-1	0.025	13-168-1	0.16	13-127-2	0.17	13-168-2	0.09
13-127-1	0.12	13-169-1	0.025	13-128-2	0.025	13-169-2	0.025
13-128-1	0.025	13-170-1	0.025	13-129-2	0.025	13-170-2	0.025
13-129-1	0.025	13-171-1	0.025	13-130-2	0.025	13-171-2	0.025
13-130-1	0.07	13-172-1	0.11	13-131-2	0.025	13-172-2	0.06
13-131-1	0.025	13-173-1	0.025	13-132-2	0.025	13-173-2	0.025
13-132-1	0.10	13-174-1	0.11	13-133-2	0.05	13-174-2	0.025
13-133-1	0.09	13-175-1	0.24	13-134-2	0.025	13-175-2	0.025
13-134-1	0.025	13-176-1	0.13	13-135-2	0.15	13-176-2	0.025
13-135-1	0.15	13-177-1	0.025	13-136-2	0.025	13-177-2	0.025
13-136-1	0.025	13-178-1	0.025	13-137-2	0.025	13-178-2	0.025
13-137-1	0.025	13-179-1	0.19	13-138-2	0.025	13-179-2	0.13
13-138-1	0.025	13-180-1	0.14	13-139-2	0.79	13-180-2	0.12
13-139-1	0.41	13-181-1	0.31	13-140-2	0.025	13-181-2	0.025
13-140-1	0.09	13-182-1	0.025	13-141-2	0.025	13-182-2	0.025
13-141-1	0.025	13-183-1	0.025	13-142-2	0.025	13-183-2	0.025
13-142-1	0.025						

67
0.025
0.41
0.09
0.06

n=	66
Minimum value	0.025
Maximum value	0.79
Mean value	0.07
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.



CURVE TABLE

FINAL MAP

UNIT 13

Sample site locations are approximate relative to lot lines in this figure

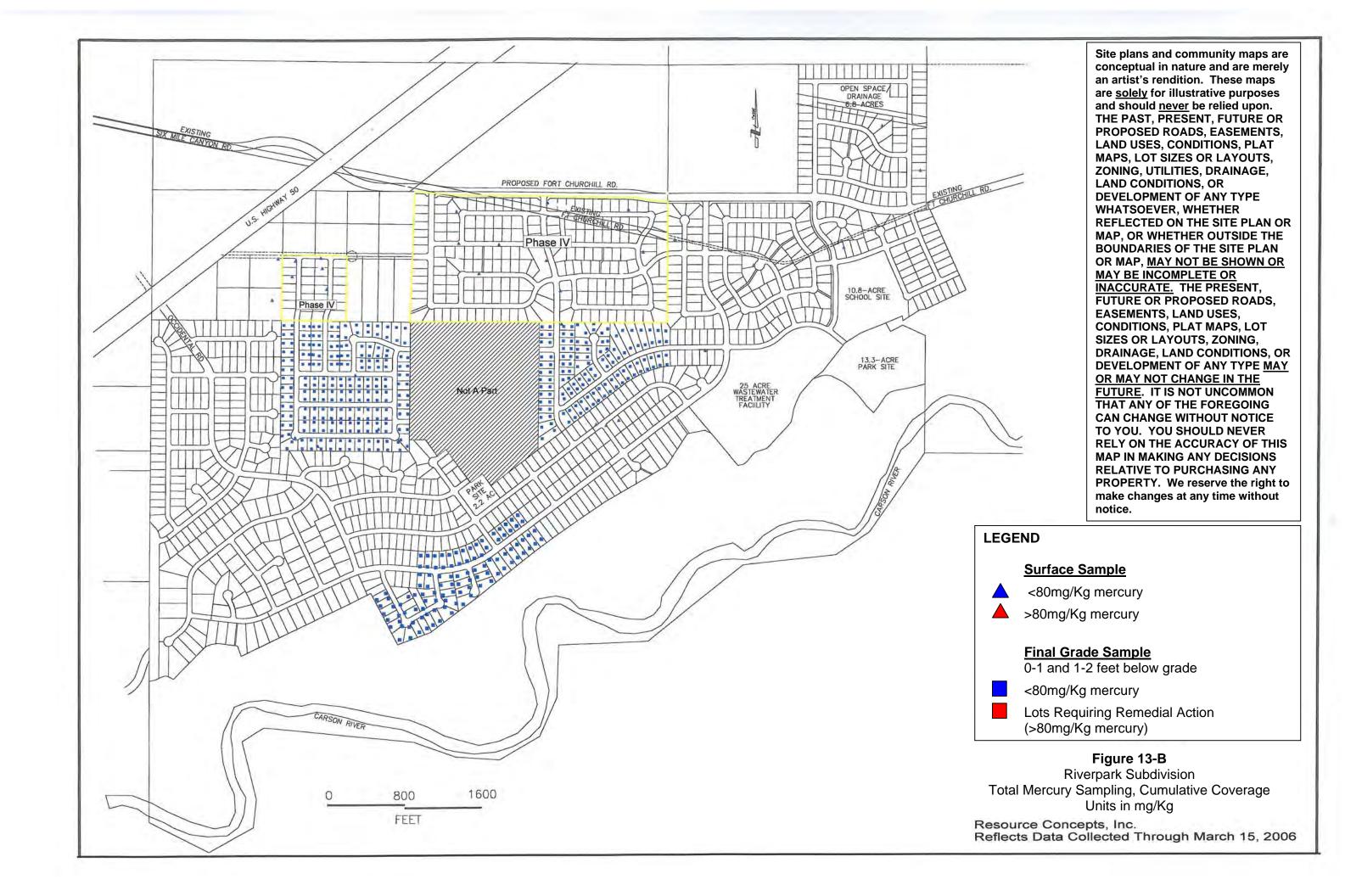
LAND SURVEYING

P.O. BOX 70098 \* RENO, NV. 89570 (775)852-1777

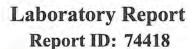
conceptual in nature and are merely an artist's rendition. These maps are solely for illustrative purposes and should never be relied upon. THE PAST, PRESENT, FUTURE OR PROPOSED ROADS, EASEMENTS. LAND USES, CONDITIONS, PLAT MAPS, LOT SIZES OR LAYOUTS, **ZONING, UTILITIES, DRAINAGE,** LAND CONDITIONS, 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.

TOTAL AREA = 24.82 ACRES

Site plans and community maps are



#### **Analytical Data Sheets**





RESOURCE CONCEPTS, INC



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

 Date:
 3/8/2006

 Client:
 RSC-937

 Taken by:
 J. Lynn

 PO #:
 05.317.1

#### 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:

J. Lynn

PO #:

05.317.1

Sample ID:	Cust	omer Sample ID	), i	Date Sam	선생님 아이는 얼마 그렇게 살		Received
S200603-0350		13-140-1		3/6/200	)6 3:21 F	PM 3	/7/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyze	Data d Flag
Mercury - AA Cold Vapor	EPA 245.5	0.09	mg/Kg	0.05	Kleinworth	3/7/2006	
Sample ID:	Cust	omer Sample II		Date Sam	ipled Time Sai	mpled Dat	e Received
S200603-0351		13-140-2		3/6/200	06 3:25 I	PM 3	/7/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyze	Data d Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/7/2006	
Sample ID:	Cust	omer Sample II		Date Sam	pled Time Sa	mpled Dat	e Received
S200603-0352		13-141-1		3/6/200	06 3:30 I	PM 3	/7/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyze	Data d Flag
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Sample ID:	Cust	omer Sample II		Date Sam	pled Time Sa	mpled Dat	e Received
S200603-0353		13-141-2		3/6/200	06 3:34 I	PM 3	/7/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyze	Data d Flag
Mercury - AA Cold Vapor	EPA 245.5	< 0.05	mg/Kg	0.05	Kleinworth	3/7/2006	



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

3/8/2006

Client:

RSC-937

Taken by:

J. Lynn

PO #:

05.317.1

Sample ID:	Custo	omer Sample ID	)	Date Sam	pled	Time San	npled	Date R	eceived
S200603-0354		13-142-1		3/6/200	06	3:38 P	M	3/7/	2006
Parameter	Method	Result	Units	Reporting Limit	An	alyst		Date nalyzed	Data Flag
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Sample ID:	Custo	omer Sample ID		Date Sam	pled	Time San	npled	Date R	eceived
S200603-0355		13-142-2		3/6/200	06	3:41 P	M	3/7/	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	3/	7/2006	
Sample ID:	Custo	omer Sample ID		Date San	pled	Time San	npled	Date R	eceived
Sample ID: S200603-0356		omer Sample ID 13-147-1	).	Date Sam 3/6/200		Time San 3:59 P	2000		eceived
			Units		06		M		
S200603-0356  Parameter		13-147-1		3/6/200 Reporting	06 <b>A</b> n	3:59 P	M Ar	3/7/. Date	2006 Data
S200603-0356	Method EPA 245.5	13-147-1 Result	Units mg/Kg	3/6/200 Reporting Limit	An Kle	3:59 P	Ar 3/	3/7// Date nalyzed 7/2006	2006 Data
S200603-0356  Parameter  Mercury - AA Cold Vapor	Method EPA 245.5	13-147-1  Result <0.05	Units mg/Kg	3/6/200 Reporting Limit 0.05	An Kle	3:59 P	Ar 3/	3/7// Date nalyzed 7/2006  Date R	2006 Data Flag
S200603-0356  Parameter  Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result <0.05	Units mg/Kg	3/6/200 Reporting Limit 0.05	An Kle	3:59 P  nalyst inworth  Time Sar	Ar 3/	3/7// Date nalyzed 7/2006  Date R	2006 Data Flag



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

3/8/2006

Client:

RSC-937

Taken by:

J. Lynn

PO #:

05.317.1

#### Analysis Report

Sample ID:	Custo	omer Sample ID		Date Samp	pled Time San	npled Date R	eceived
S200603-0358		13-147-2		3/6/200	6 4:02 P	M 3/7/	2006
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Sample ID:	Custo	omer Sample II	)	Date Sam	pled Time San	npled Date R	eceived
S200603-0359		13-146-1		3/6/200	6 3:53 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	3/7/2006	
Sample ID:	Cust	omer Sample II	)	Date Sam	pled Time San	npled Date F	teceived
S200603-0360		13-145-1		3/6/200	6 3:47 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	3/7/2006	
Sample ID:		omer Sample II	)	Date Sam			leceived
S200603-0361		13-145-2		3/6/200	6 3:50 P		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	

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:

J. Lynn

PO #:

05.317.1

Quality Control Report

Parameter	LCS, % Recovery	MS, % Recovery	MSD, % Recovery	RPD, %	Method	Blank
Mercury - AA Cold Vapor	98.0	108.0	116.0	6.81	< 0.05	mg/Kg
Mercury - AA Cold Vapor	98.0	90.0	88.0	2.11	< 0.05	mg/Kg

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

MS- Matrix Spike

MSD- Matrix Spike Duplicate

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

# CHAIN OF CUSTODY RECORD

Compliance Monitoring	Yes:		Lab Use Only	Hd Hd	<2 >12										Time	09 68	X	×	i inc	AND STREET	175 (1930) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SEM COC Form Revised 02/01	
Turnaround Time	Standard: Other:	24 Hr	48 Hr	Remarks			H. W. C.								Date	67 MAR66	C) Note 10 6			3-7-16	07100	ous samples will be ouly to the samples as ourt.	Other
Analyses Requested															Company	RCI	RCF			PCL		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	2=NaOH + ZnOAC, 3=HNO3, 4=H2SO4, 5=Na2S2O3, 6=None, 7=Other
)	SJƏU	nistno	<u>भ</u> क्टल्		nuM	11 9	C. Salar	1	100	1 0	111	1		7	Vame		A Carlo Employed					er results are reported unless Slient expense. The analytica The liability of the laboratory I credit. ing Water, 2=Surface Water,	. 2=NaOH + ZnOAC, 3=HNO
Purchase Order		rt Attention: 下いらい。 イアネタク		Sample Identification			<b>4</b>		ŧs.	€b	Ą	<b>49</b>	4.0 <b>*6</b>	<b>1</b> 01	Print Name	JasH Lynn	- Krussell		-11			Samples are discarded 30 days after result returned to client or disposed of at client ex they are received by the laboratory. The list Terms: Net thirty days on approved credit.	
1 1	A TORBOUN	tate Zip Repo	Signa		Type *	5 13-140-1	Some of the Comments of the Co		5-11-5		2-211-81 5	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	7-911-51-5		ature	September 1975 Septem	was more		. The state of the	J. J. Berry			
Client Name  Client Name	Address AC N. N. N. N. 2507		Sampled by:		Sampled Sampled Tv	722	523		75.51	30	1		V is		-	Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Redenved By Laboratolov.	Custody Seal Intact Yes No Nor	Degrees C

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

**CHAIN OF CUSTODY RECORD** 

PHONE: (773) 837 - 2400 FA	FAX: (//5) 85/ - 2404 E-	E-Mail Seili@Seili-allalylical.colli	-			Man	***************************************				0000
Client Name	The state of the s	Purchase Order	Order			Analyses	Analyses Kequested	<b>.</b>	l urnaround i ime	ıme	Monitoring
		Phone/Fax #		<u> </u>	<b>A</b> > 1				Standard:	Other:	Yes:
É	e Zip	Report Attention:	**************************************		יוְבִינינ וּ				Rush:		No:
Sampled by:		A CONTRACTOR OF THE PARTY OF TH		o to re	y 71%				48 Hr		Lab Use Only Sub-Sample
Date Time Sample		Sample' Identification	Preservative*	-	-2				Remarks		Hd -
Sampled Sampled Type *	* 0		See Key Below								<2 >12
COMMUN 15:53 5		- 179	<u>~</u>		. 700,00						
5 45.50	-51-51		9	New york							
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Sign	Signature	Print Name	lame			රි	Company		Date		Time
Relinquished By:	200 mm	WAT HST				RCI			30 300 20	13	971
Received By:	2000 March 1970 March	Y							2 22 23	Mag III	7.00
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Relinquished By:						Control of Same Control		-		. A	
Received By Laboratory:						A CONTRACTOR OF THE PARTY OF TH				1	2
Custody Seal Infact Yes No None 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	er results are rep Slient expense. The liability of t credit. Ing Water, 2=Su , 2=NaOH + ZnC	oorted ( The an he labt rface V )AC, 3	alytical oratory vater, 3	other arrange results assoc is limited to the =Ground Wa , 4=H2SO4,	ments are blated with the amount ter, 4=Was 5=Na2S2C	made. Hazar this COC app paid for the re te Water, 5=5 3, 6=None, 7	dous samples will be only only to the sample sport.  Soil, 6=RCRA, 7=Oth =Other	s as	SEM COC Form Revised 02/01



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date: Client: 3/14/2006

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:

3/14/2006

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.



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Name   Parameter   Method   Result   Units   Limit   Analyst   Analyst   Date   Parameter   Method   Result   Units   Limit   Analyst   Analyst   Analyzed   File   Parameter   Parameter   Method   Result   Units   Limit   Analyst   Analyzed   File   Parameter   Parameter   Method   Result   Units   Limit   Analyst   Analyst   Analyzed   Parameter   Parameter   Method   Result   Units   Limit   Analyst   Analyzed   Parameter   Param								
Parameter   Method   Result   Units   Limit   Analyst   Analyzed   Flat	Sample ID:	Cust	omer Sample ID		Date Sam	pled Time Sar	mpled Date	Received
Parameter   Method   Result   Units   Limit   Analyst   Analyzed   Flat	S200603-0917		13-113-1		3/9/200	)6 3:37 P	PM 3/1	0/2006
Customer Sample ID   Date Sampled   Time Sampled   Date Received   Sampled   Date Received   Sampled   Date   Da	Parameter	Method	Result	Units		Analyst		Data Flag
Nample ID:   Customer Sample ID   Date Sample   Date   D	Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/13/2006	
Parameter   Method   Result   Units   Limit   Analyst   Analyzed   Flat	Sample ID:	Cust	omer Sample ID		Date Sam	pled Time Sar	mpled Date	Received
Parameter Method Result Units Limit Analyst Analyzed Flag Mercury - AA Cold Vapor EPA 245.5 <0.05 mg/Kg 0.05 Kleinworth 3/13/2006  Sample ID: Customer Sample ID Date Sampled Time Sampled Date Received S200603-0919 13-114-1 3/9/2006 3:26 PM 3/10/2006  Parameter Method Result Units Limit Analyst Analyzed Flag Mercury - AA Cold Vapor EPA 245.5 0.32 mg/Kg 0.05 Kleinworth 3/13/2006  Sample ID: Customer Sample ID Date Sampled Time Sampled Date Received S200603-0920 13-114-2 3/9/2006 3:31 PM 3/10/2006  Parameter Method Result Units Limit Analyst Analyzed Flag Parameter Method Result Units Limit A	S200603-0918		13-113-2		3/9/200	06 3:41 P	PM 3/1	0/2006
Sample ID:  Customer Sample ID  Date Sampled Time Sampled Date Received Sampled Date Received Date Received Date Received Date Received Date Reporting Date Date Date Date Date Date Date Date	Parameter	Method	Result	Units	the same of the sa	Analyst		Data Flag
Sample ID:   Customer Sample ID   Date Sampled   Time Sampled   Date Received   Date	Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/13/2006	
Parameter Method Result Units Limit Analyst Analyzed Flat Mercury - AA Cold Vapor EPA 245.5 0.32 mg/Kg 0.05 Kleinworth 3/13/2006  Sample ID: Customer Sample ID Date Sampled Time Sampled Date Received Sample ID: 3/9/2006 3:31 PM 3/10/2006  Parameter Method Result Units Limit Analyst Analyzed Flat Date Date Date Date Date Date Date Da	Sample ID:	Cust	omer Sample ID		Date Sam	pled Time Sar	mpled Date	Received
Parameter Method Result Units Limit Analyst Analyzed Flavorury - AA Cold Vapor EPA 245.5 0.32 mg/Kg 0.05 Kleinworth 3/13/2006  Sample ID: Customer Sample ID Date Sampled Time Sampled Date Receive 3/200603-0920 13-114-2 3/9/2006 3:31 PM 3/10/2006  Parameter Method Result Units Limit Analyst Analyzed Flavorum P	S200603-0919		13-114-1		3/9/200	)6 3:26 P	PM 3/1	0/2006
Sample ID: Customer Sample ID Date Sampled Time Sampled Date Receive 3200603-0920 13-114-2 3/9/2006 3:31 PM 3/10/2006 Reporting Date Da Parameter Method Result Units Limit Analyst Analyzed Flag	Parameter	Method	Result	Units		Analyst		Data Flag
S200603-0920 13-114-2 3/9/2006 3:31 PM 3/10/2006  Reporting Date Da  Parameter Method Result Units Limit Analyst Analyzed Fla	Mercury - AA Cold Vapor	EPA 245.5	0.32	mg/Kg	0.05	Kleinworth	3/13/2006	
Reporting Date Da Parameter Method Result Units Limit Analyst Analyzed Fl.	Sample ID:	Cust	omer Sample ID		Date Sam	pled Time Sar	mpled Date	Received
Parameter Method Result Units Limit Analyst Analyzed Fl.	S200603-0920		13-114-2		3/9/200	06 3:31 F	PM 3/1	0/2006
		Method	Result	Units		Analyst		Data Flag
	Mercury - AA Cold Vapor	EPA 245.5	< 0.05	mg/Kg	0.05	Kleinworth	3/13/2006	



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Sample ID:	Custo	omer Sample ID		Date Sam	pled Time Sa	mpled	Date R	leceived
S200603-0921		13-115-1		3/9/200	3:18	PM	3/10	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst		Date alyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/1	3/2006	
Sample ID:	Custo	omer Sample ID		Date Sam	pled Time Sa	mpled	Date R	teceived
S200603-0922		13-115-2		3/9/200	3:21	PM	3/10	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst		Date alyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	< 0.05	mg/Kg	0.05	Kleinworth	3/1	3/2006	
Sample ID:	Custo	omer Sample ID		Date Sam	pled Time Sa	mpled	Date R	eceived
Sample ID: S200603-0923		omer Sample ID 13-116-1		Date Sam 3/9/200				eceived /2006
			Units			PM 1		
S200603-0923		13-116-1		3/9/200 Reporting	06 3:11	PM I An	3/10 Date	/2006 Data
S200603-0923  Parameter	Method EPA 245.5	13-116-1 Result	Units mg/Kg	3/9/200 Reporting Limit	Analyst Kleinworth	PM I An 3/1	3/10/ Date alyzed 3/2006	/2006 Data
S200603-0923  Parameter  Mercury - AA Cold Vapor	Method EPA 245.5	13-116-1 Result  0.15	Units mg/Kg	3/9/200 Reporting Limit 0.05	Analyst Kleinworth	PM I An 3/1	3/10. Date alyzed 3/2006	/2006 Data Flag
S200603-0923  Parameter  Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result 0.15  Omer Sample ID	Units mg/Kg	3/9/200 Reporting Limit 0.05  Date Sam	Analyst Kleinworth	PM An 3/1 ampled PM	3/10. Date alyzed 3/2006	/2006 Data Flag



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3/14/2006

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Sample ID:	Cust	omer Sample ID	ý.	Date Sam	pled Time San	apled Date I	Received	
S200603-0925		13-117-1		3/9/200	06 3:02 P	M 3/10	/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	3/13/2006		
Sample ID:		omer Sample ID		Date Sam			Received	
S200603-0926		13-117-2			3.071	Date	Data	
Parameter	Method	Result	Units	Reporting Limit	Analyst	Analyzed	Flag	
Mercury - AA Cold Vapor	EPA 245.5	0.14	mg/Kg	0.05	Kleinworth	3/13/2006		
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time San	apled Date I	Received	
S200603-0927		13-118-1		3/9/200	06 2:53 P	M 3/10	/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	3/13/2006		
Sample ID:	Cust	omer Sample II		Date Sam	pled Time San	npled Date I	Received	
S200603-0928		13-118-2		3/9/200	06 2:59 P	M 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	3/13/2006		



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Sample ID:	Cust	omer Sample ID	Date Sam	pled Time	Sampled	Date R	eceived	
S200603-0929		13-119-1		3/9/200	06 2:4	45 PM	3/10/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst		Date nalyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/1	3/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time	Sampled	Date R	eceived
S200603-0930		13-119-2		3/9/200	06 2:4	19 PM	3/10/	2006
Parameter	Method	Reporting  Method Result Units Limit Analyst		Analyst		Date nalyzed	Data Flag	
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/1	13/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	nled Time	Sampled	Data D	
		omer sumple is		Dute Sum	bree			
S200603-0931		13-120-1		3/9/200		39 PM		eceived /2006
S200603-0931  Parameter	Method		Units			39 PM		
		13-120-1		3/9/200 Reporting	06 2:3	39 PM	3/10. Date	/2006 <b>Data</b>
Parameter	Method EPA 245.5	13-120-1 Result	Units mg/Kg	3/9/200 Reporting Limit	Analyst Kleinworth	39 PM	3/10/ Date nalyzed 13/2006	/2006 <b>Data</b>
Parameter Mercury - AA Cold Vapor	Method EPA 245.5	13-120-1 Result  0.16	Units mg/Kg	3/9/200 Reporting Limit 0.05	Analyst Kleinworth	39 PM Ai 3/	3/10/ Date nalyzed 13/2006	/2006 Data Flag
Parameter Mercury - AA Cold Vapor Sample ID:	Method EPA 245.5	Result 0.16  omer Sample ID	Units mg/Kg	3/9/200 Reporting Limit 0.05 Date Sam	Analyst Kleinworth	39 PM An 3/ Sampled 42 PM	3/10/ Date nalyzed 13/2006	/2006 Data Flag



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Sample ID:	Custo	omer Sample ID		Date Sam	pled Time San	npled I	ate Received		
S200603-0933		13-121-1		3/9/200	06 2:35 P	M	3/10/2006		
Parameter	Method	Result	Units	Reporting Limit	Analyst	Da: Analy			
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/13/2	006		
Sample ID:	Custo	omer Sample ID		Date Sam	pled Time San	npled I	ate Received		
S200603-0934		13-121-2		3/9/200	06 2:31 P	M	3/10/2006		
Parameter	Method	Result	Units	Reporting Limit	Analyst	Da Analy	75 11 11 11 11 11 11 11 11 11 11 11 11 11		
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05 Kleinworth		3/13/2	3/13/2006		
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time San	npled I	ate Received		
Sample ID: S200603-0935		omer Sample ID 13-122-1		Date Sam 3/9/200			Date Received 3/10/2006		
S200603-0935			Units				3/10/2006 te Data		
		13-122-1		3/9/200 Reporting	06 2:23 P	M Da	3/10/2006 te Data yzed Flag		
S200603-0935  Parameter	Method EPA 245.5	13-122-1 Result	Units mg/Kg	3/9/200 Reporting Limit	Analyst Kleinworth	M Da Analy 3/13/2	3/10/2006 te Data yzed Flag		
S200603-0935  Parameter  Mercury - AA Cold Vapor	Method EPA 245.5	13-122-1 Result 0.15	Units mg/Kg	3/9/200 Reporting Limit 0.05	Analyst Kleinworth  apled Time San	Da Analy 3/13/2	3/10/2006 te Data yzed Flag		
Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result 0.15  omer Sample ID	Units mg/Kg	3/9/200 Reporting Limit 0.05  Date Sam	Analyst Kleinworth  apled Time San	Da Analy 3/13/2	3/10/2006 te Data vzed Flag 2006  Date Received 3/10/2006 te Data		



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Sample ID:	Custo	omer Sample ID	Y -	Date Sam	pled Time Sar	npled Date	Received
S200603-0937		13-123-1		3/9/200	6 2:08 P	PM 3/	10/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data I Flag
Mercury - AA Cold Vapor	EPA 245.5	0.07	mg/Kg	0.05	Kleinworth	3/13/2006	
Sample ID:	Custo	omer Sample ID		Date Sam	pled Time Sar	npled Date	Received
S200603-0938		13-123-2		3/9/200	6 2:19 P	M 3/	10/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data I Flag
Mercury - AA Cold Vapor	EPA 245.5	0.06	mg/Kg	0.05	Kleinworth	3/13/2006	
Sample ID: S200603-0939		omer Sample ID	Date Samp 3/9/200			Received 10/2006	
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzee	Data I Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/13/2006	
Sample ID:		omer Sample ID	ì	Date Sam			Received
S200603-0940	Reporting		Analyst	Date Analyze	Data		
Parameter Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/13/2006	
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Sample ID:	Custo	omer Sample ID		Date Sam	pled Time	Sampled	Date R	eceived		
S200603-0941		13-124-2		3/9/200	6 2:	04 PM	3/10/	2006		
Parameter	Method	Result	Units	Reporting Limit	Analyst		Date alyzed	Data Flag		
Mercury - AA Cold Vapor	EPA 245.5	< 0.05	mg/Kg	0.05	Kleinworth	Cleinworth 3/13/2006				
Sample ID:	Custo	<b>Date Sam</b> 3/9/200			Date R 3/10/					
S200603-0942		13-125-1			0 12		Date	Data		
Parameter	Reporting  Method Result Units Limit Ana		Analyst		alyzed	Flag				
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	n 3/1	3/2006			
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time	Sampled	Date R	eceived		
S200603-0943		13-125-2			6 12	:48 PM	2/10			
201111111111111111111111111111111111111					ıg		3/10/	2006		
Parameter	Method	Result	Units	Reporting Limit	Analyst		Date nalyzed	2006 Data Flag		
Parameter Mercury - AA Cold Vapor	Method EPA 245.5		Units mg/Kg		Analyst Kleinwortl	Aı	Date	Data		
4 111 111 111	EPA 245.5	Result		Limit	Kleinwortl	Aı	Date nalyzed	Data		
Mercury - AA Cold Vapor	EPA 245.5	Result <0.05		<b>Limit</b> 0.05	Kleinwortl	A1 3/1	Date nalyzed 3/2006 Date R	Data Flag		
Mercury - AA Cold Vapor  Sample ID:	EPA 245.5	Result <0.05		0.05  Date Sam	Kleinwortl	An 3/1 2 Sampled 1:58 PM	Date nalyzed 3/2006 Date R	Data Flag		



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Sample ID:	Cust	omer Sample ID		Date Sam	pled Time Sa	mpled	Date R	eceived	
S200603-0945		13-126-2		3/9/200	1:02	PM	3/10	/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	3/13/	2006		
Sample ID: S200603-0946		omer Sample ID		<b>Date Sam</b> 3/9/200				Received	
Parameter	Method	Result	Units	Reporting Limit	Analyst	-	ate lyzed	Data Flag	
Mercury - AA Cold Vapor	EPA 245.5	0.12	mg/Kg	0.05	Kleinworth	3/13/	2006		
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time Sa	mpled	Date R	leceived	
S200603-0947		13-127-2		3/9/200	1:12	PM	3/10	/2006	
Parameter	Method	Result	Units	Reporting Limit	Analyst	-	ate lyzed	Data Flag	
Mercury - AA Cold Vapor	EPA 245.5	0.17	mg/Kg	0.05	Kleinworth	3/13/	2006		
Sample ID:	Cust	omer Sample ID		Date Sam		1		leceived	
S200603-0948		13-128-1		3/9/200	06 1:17	PM	3/10	/2006	
				***			1.		
Parameter	Method	Result	Units	Reporting Limit	Analyst			Data Flag	



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Sample ID:	Custo	omer Sample II		Date Sam	pled Time San	pled Date F	leceived	
S200603-0949		13-128-2		3/9/200	6 1:21 P	M 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	3/13/2006		
Sample ID:	Custo	omer Sample II	1	Date Sam	pled Time San	npled Date F	Received	
S200603-0950		13-129-1		3/9/200	6 1:26 P	M 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	3/13/2006		
	Customer Sample ID							
Sample ID:	Cust	omer Sample II	ý.	Date Sam	pled Time San	npled Date F	Received	
<b>Sample ID:</b> S200603-0951		omer Sample II 13-129-2	į.	<b>Date Sam</b> 3/9/200			Received 0/2006	
		Children of the Parish of the	Units					
S200603-0951		13-129-2		3/9/200 Reporting	6 1:29 P	M 3/10  Date	/2006 <b>Data</b>	
S200603-0951  Parameter  Mercury - AA Cold Vapor	Method EPA 245.5	13-129-2 Result	Units mg/Kg	3/9/200 Reporting Limit	Analyst Kleinworth	M 3/10  Date Analyzed  3/13/2006	/2006 <b>Data</b>	
Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	13-129-2  Result <0.05	Units mg/Kg	3/9/200 Reporting Limit 0.05	Analyst Kleinworth  pled Time San	M 3/10  Date Analyzed 3/13/2006	Data Flag	
S200603-0951  Parameter  Mercury - AA Cold Vapor	Method EPA 245.5	Result <0.05	Units mg/Kg	3/9/200 Reporting Limit 0.05  Date Sam	Analyst Kleinworth  pled Time San	M 3/10  Date Analyzed 3/13/2006	Data Flag	



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

Taken by:

3/14/2006

Client:

RSC-937 J. Lynn

PO #:

05317.1

Custo	omer Sample ID		Date Sam	pled Time San	npled Date I	Received
	13-130-2		3/9/200	1:36 P	M 3/10	)/2006
Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/13/2006	
					Received	
Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/13/2006	
Cust	omer Sample ID		Date Sam	pled Time Sar	npled Date l	Received
	13-131-2		3/9/200	06 1:43 P	PM 3/10	0/2006
Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/13/2006	
						Received
	13-132-1		Reporting	)0 1:40 F	Date	Data
Method	Result	Units	Limit	Analyst	Analyzed	Flag
	Method EPA 245.5  Cust  Method EPA 245.5  Cust  Method EPA 245.5  Cust	Method   Result     EPA 245.5   <0.05     Customer Sample ID     13-131-1     Method   Result     EPA 245.5   <0.05     Customer Sample ID     13-131-2     Method   Result     EPA 245.5   <0.05	Method Result Units  EPA 245.5 <0.05 mg/Kg  Customer Sample ID  13-131-1  Method Result Units  EPA 245.5 <0.05 mg/Kg  Customer Sample ID  13-131-2  Method Result Units  EPA 245.5 <0.05 mg/Kg  Customer Sample ID  13-131-2  Method Result Units  EPA 245.5 <0.05 mg/Kg	Method   Result   Units   Limit	Method   Result   Units   Limit   Analyst	13-130-2   3/9/2006   1:36 PM   3/10



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703 Date: Client: 3/14/2006

Client: Taken by: RSC-937 J. Lynn

PO #:

05317.1

#### Analysis Report

Sample ID:	191 <sup>1</sup> 17 17 17 19 19 19 19 19 19 19 19 19 19 19 19 19					ampled	Date R	eceived
S200603-0957	77.0	3/9/200	6 1:49	1:49 PM		2006		
Parameter	Method	Result	Units	Reporting Limit	Analyst		Date alyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	< 0.05	mg/Kg	0.05	Kleinworth	3/1	3/2006	

Data Flag Legend:



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street

Carson City, NV 89703

Date:

3/14/2006

Client:

RSC-937

Taken by:

J. Lynn

PO #:

05317.1

#### Quality Control Report

Parameter	LCS, % Recovery	MS, % Recovery	MSD, % Recovery	RPD, %	Method	l Blank
Mercury - AA Cold Vapor	102.0	130.0	125.0	3.53	< 0.05	mg/Kg
Mercury - AA Cold Vapor	102.0	133.0	124.0	6.88	< 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

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

CHAIN OF CUSTODY RECORD

PHONE: (77	'5) 857 - 240(	FAX: (	775) 857 - 2404	E-Mail se	m@sem-analyti	ical.com											į				
Client Name			NCE FIS			Purchase Orde	er 317. j				Analy	/ses R	eques	ted			Turnar	ound Time		Compl Monito	
Address	340 N		ESOTA		Phone/Fax#	1600/883		ers	i i je se								Standard:	Other:		Ye.	-
City CACS	in City	State ∕∵ ⊬	Zip 产生和 3	Report Atten	tion: Resim of	EPPARD		Number of Containers	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0									Rush: Hr <u>- أم</u>		No	): 
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		Signatu	ire			Print N	lame		Company Date					ate	Time						
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Custody Seal Intact Yes No None Samples are discarded 30 days after results are returned to client or disposed of at client expense they are received by the laboratory. The liability Terms: Net thirty days on approved credit.  *KEY: Sample Type: 1=Drinking Water, 2=					er results are re dient expense. The liability of credit.	The the l	analyti aborato	cal resu ory is lin	ılts as nited	ssocia to the	ted wit amoui	th this nt paid	COC a	apply e repo	only to the s ort.	samples as		Form R	COC Revised /01		
Degrees	s с <u>Ми</u>	, 2=NaOH + Zr	OAC	, 3=HN	103, 4=	H2S	04, 5=	Na2S2	203, 6	=None	e, 7=C	Other		┛┃							

## SIERRA ENVIRONMENTAL MONITORING, INC.



#### CHAIN OF CUSTODY RECORD

			VARD - RENO - NEVAL 775) 857 - 2404     E-Mail sei												194 ), E.			
Client Name				Purchase Ord					Anal	yses F	Reque	sted			Turnaround	Time	Comp Monit	
Address	340 N 1	ฟักพละร	CEPTS INC	Phone/Fax # 883.1466 / 88		ners	West GR								Standard:	Other:	Ye N	es:
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Sample	Temperatu	re	terms: N	Sample Type: 1=Drin	king Water, 2=	Surfac	ce Wate	er, 3=0	Ground 4=H2S	d Wate	er, 4=\ =Na2	Waste	Wate	r, 5=S ne, 7=	oil, 6=RCRA, 7=0 =Other	ther	0:	2/01

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



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

PHONE: (77	5) 857 - 2400	FAX: (7	775) 857 - 2404	E-Mail sem	@sem-analyt	ical.com	· · · · · · · · · · · · · · · · · · ·											,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
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			sata St.		Phone/Fax#	60/883		ers									Standa	rd: 	Other:	į .	∠
				Report Attenti	on: Robin	EPPARD		Containers	MAKL									Rush:			o: 
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Sample Temperature

Degrees C

Terms: Net thirty days on approved credit.

Form Revised 02/01

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.

1135 FINANCIAL BOULEVARD - RENO - NEVADA - 89502

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

PHONE: (77	5) 857 - 240	0 FAX: (	775) 857 - 2404	E-Mail ser	m@sem-analyt	tical.com														
Client Name			GNCEPT	,		Purchase Ord					Anal	yses	Reque	sted			Turnaround	Time		oliance toring
Address	540 N.			a lay ha	Phone/Fax #	65.3	1 1.1	ers	September 1								Standard:	Other:	Y	es:
			Zip Vタチョ	Report Atten	tion: Zobin E	PPARD		Containers									Rush: 24 Hr			
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## SIERRA ENVIRONMENTAL MONITORING, INC.

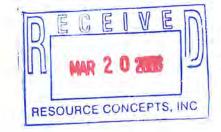


#### **CHAIN OF CUSTODY RECORD**

					sem@sem-ana															
Client Name			PAICETITS		:	Purchase Or	der				Anal	yses F	Reque	sted			Turnaround	Γime	Comp Monit	liance toring
Address	340 N.	MINA	reseta.			s# 83/600	1883.1656	ners	9. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10								Standard:	Other:	· -	es:
City - Masa	N City	State <i>V</i>	Zip 29763	Report At	tention:  Cch	in Eppard		Containers	Mercan								Rush: 24 Hr	o <sup>rge</sup> 	_	
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Date Sampled	Time Sampled	Sample Type *		Sampl	e Identificatio	n	Preservative* See Key Below	Number of	CTAL								Remark	3	p <2	H >12
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	s C	· 1.		* KEY:	Sample	Type: 1=Drin	king Water, 2=S H, 2=NaOH + Zr	urface nOAC	e Wate , 3≕HN	er, 3=0 NO3, 4	Fround =H2S	l Wate O4, 5=	r, 4=V =Na2S	Vaste 3 203,	Water 6=Nor	, 5=Sc ne, 7=	oil, 6=RCRA, 7=Otl Other	ner	02	2/01

Sierra Environmental Monitoring, Inc.

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



 Date:
 3/16/2006

 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:

3/16/2006

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:

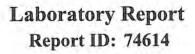
3/16/2006

Client: Taken by: RSC-937 J. Lynn

PO #:

05317.1

Cust	omer Sample II	)	Date Sam	pled Tim	e Sampled	Date R	eceived
	13-111-1		3/13/20	06 1	:44 PM	3/14	/2006
Method	Result	Units	Reporting Limit	Analyst			Data Flag
EPA 245.5	0.09	mg/Kg	0.05	Kleinwort	h 3/1	15/2006	
Cust	omer Sample II	)	Date Sam	pled Tim	e Sampled	Date R	leceived
	13-111-2		3/13/20	06 1	:41 PM	3/14	/2006
Method	Result	Units	Reporting Limit	Analyst		erman .	Data Flag
EPA 245.5	0.07	mg/Kg	0.05	Kleinwort	h 3/1	15/2006	
Cust	omer Sample II		Date Sam	pled Tim	e Sampled	Date R	leceived
k 13-1	112-1 (Front)		3/13/20	06 1	:53 PM	3/14	/2006
Method	Result	Units	Reporting Limit	Analyst			Data Flag
EPA 245.5	0.06	mg/Kg	0.05	Kleinwort	h 3/1	15/2006	
Cust	omer Sample II		Date Sam	pled Tim	e Sampled	Date R	Received
13-1	112-2 (Front)	CAGO	3/13/20	06 1	:59 PM	3/14	25 / 31 -
							/2006
Method	Result	Units	Reporting Limit	Analyst		Date nalyzed	/2006 Data Flag
	Method EPA 245.5  Cust  Method EPA 245.5  Cust  \( \) 13-1  Method EPA 245.5  Cust  Cust  Cust	Method   Result	Method Result Units EPA 245.5 0.09 mg/Kg  Customer Sample ID 13-111-2  Method Result Units EPA 245.5 0.07 mg/Kg  Customer Sample ID \( \) 13-112-1 (Front)  Method Result Units EPA 245.5 0.06 mg/Kg  Customer Sample ID	Method   Result   Units   Limit	Method   Result   Units   Limit   Analyst	Method   Result   Units   Limit   Analyst   Analyst	Method   Result   Units   Limit   Analyst   Analyzed





Date:

3/16/2006

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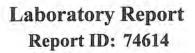
Taken by:

J. Lynn

PO #:

05317.1

Sample ID:	Cust	omer Sample II	0	Date Sam	pled Time Sa	ampled	Date R	eceived
S200603-1154	13-1	12-1 (Back)	œAG.	3/13/20	06 1:49	PM	3/14/	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst		ate lyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.06	mg/Kg	0.05	Kleinworth	3/15	5/2006	
Sample ID:	Cust	omer Sample II	D	Date Sam	pled Time Sa	ampled	Date R	eceived
S200603-1155	13-1	12-2 (Back)		3/13/20	06 1:50	PM	3/14/	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	-	ate dyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.11	mg/Kg	0.05	Kleinworth	3/15	5/2006	
Sample ID:	Cust	aman Campla II		Date Sam	pled Time Sa	led	ن ایک	
	200	omer Sample II		Date Sam	pied Time Sa	ampieu	Date R	eceived
S200603-1156		omer Sample 11 13-133-1		3/13/20				eceived /2006
S200603-1156  Parameter		시간에는 뭐 하는 라고 있다.	Units			PM D		100
		13-133-1		3/13/20 Reporting	06 2:04	PM D Ana	3/14/ ate	/2006 <b>Data</b>
Parameter	Method EPA 245.5	13-133-1 Result	Units mg/Kg	3/13/20 Reporting Limit	Analyst Kleinworth	PM D Ana 3/15	3/14/ late alyzed	/2006 Data Flag
Parameter Mercury - AA Cold Vapor	Method EPA 245.5	13-133-1 Result 0.09	Units mg/Kg	3/13/20 Reporting Limit 0.05	Analyst Kleinworth  apled Time Sa	PM D Ana 3/15	3/14/ Date alyzed 5/2006	/2006 Data Flag
Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result 0.09  omer Sample II	Units mg/Kg	3/13/20 Reporting Limit 0.05  Date Sam	Analyst Kleinworth  apled Time Sa	PM D Ana 3/15 ampled PM D	3/14/ Pate alyzed 5/2006	/2006 Data Flag





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Sample ID:	Cust	omer Sample ID		Date San	pled	Time Sam	pled	Date R	eceived
S200603-1158		13-134-1		3/13/20	006	2:09 PI	M	3/14/	/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	Kle	inworth	3/1	5/2006	
Sample ID:	Cust	omer Sample ID		Date San	9.3	Time San			eceived
S200603-1159		13-134-2		3/13/20	006	2:11 Pl	M	3/14	/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	3/1	5/2006	
Sample ID:	Cust	omer Sample ID		Date San	ipled	Time San	ıpled	Date R	eceived
Sample ID: S200603-1160		omer Sample ID 13-135-1		Date San 3/13/20		Time Sam 2:15 Pl	1		eceived /2006
			Units		006		M		/2006 Data
S200603-1160		13-135-1		3/13/20 Reporting	006 An	2:15 P	M Ai	3/14/ Date	/2006 <b>Data</b>
S200603-1160  Parameter	Method EPA 245.5	13-135-1 Result	Units mg/Kg	3/13/20 Reporting Limit	An Kle	2:15 Pl	Ar 3/1	3/14/ Date nalyzed	/2006 Data
S200603-1160  Parameter  Mercury - AA Cold Vapor	Method EPA 245.5	13-135-1 Result  0.15	Units mg/Kg	3/13/20 Reporting Limit 0.05	An Kle	2:15 Pl	Ar 3/1	3/14/ Date nalyzed 15/2006	/2006 Data Flag
S200603-1160  Parameter  Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result 0.15  omer Sample ID	Units mg/Kg	3/13/20 Reporting Limit 0.05	An Kle	2:15 Planalyst inworth Time San	Ar 3/1	3/14/ Date nalyzed 15/2006	Data Flag



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Sample ID:	Cust	omer Sample II	)	Date Sam	pled Time Sa	mpled	Date R	eceived
S200603-1162		13-136-1		3/13/20	06 2:20 1	PM	3/14	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst		Date alyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/1	5/2006	
Sample ID:	Cust	omer Sample II	)	Date Sam	pled Time Sa	mpled	Date R	eceived
S200603-1163		13-136-2		3/13/20	06 2:22 1	PM	3/14	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst		Date alyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/1	5/2006	
Sample ID:	Cust	omer Sample II		Date Sam	pled Time Sa	mpled	Date R	teceived
S200603-1164		13-137-1		3/13/20	06 2:25 1	PM	3/14	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst		Date alyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/1	5/2006	
Sample ID:	Cust	omer Sample II		Date Sam	pled Time Sa	mpled	Date R	eceived
S200603-1165		13-137-2		3/13/20	06 2:271	PM	3/14	
3200003-1103		13-13/-2		2,12,50			5/11	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst		Date alyzed	/2006 Data Flag



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Sample ID:	Cust	omer Sample ID	1.	Date San	ipled Time Sa	mpled	Date R	eceived
S200603-1166		13-138-1		3/13/20	006 2:31	PM	3/14	/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	3/15	/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	npled Time Sa	mpled	Date R	eceived
S200603-1167		13-138-2		3/13/20	06 2:33	PM	3/14/	/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	3/15/	/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	ipled Time Sa	mpled	Date R	eceived
S200603-1168		13-148-1		3/13/20	06 2:42	PM	3/14	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst		ate lyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.07	mg/Kg	0.05	Kleinworth	3/15/	/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time Sa	mpled	Date R	eceived
S200603-1169		13-148-2		3/13/20	06 2:45	PM	3/14/	2006
				Reporting		D	ate	Data
Parameter	Method	Result	Units	Limit	Analyst	Ana	lyzed	Flag



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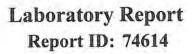
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Sample ID:	Cust	omer Sample ID		Date Sam	pled	Time San	pled	Date R	eceived
S200603-1170		13-149-1		3/13/20	06	2:48 P	M	3/14/	2006
Parameter	Method	Result	Units	Reporting Limit	An	alyst		Date alyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.06	mg/Kg	0.05	Klei	nworth	3/1	5/2006	
Sample ID:		omer Sample ID		Date Sam		Time San	-	Date R	
S200603-1171		13-149-2		3/13/20	06	2:50 P	7.5	7 7 7 7	2006
Parameter	Method	Result	Units	Reporting Limit	An	alyst		Date alyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.05	mg/Kg	0.05	Klei	nworth	3/1	5/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	pled	Time San	pled	Date R	aggirad
S200603-1172									eceiveu
		13-150-1		3/13/20	06	2:53 P	M	3/14/	2006
Parameter	Method	13-150-1 Result	Units	3/13/20 Reporting Limit		2:53 P		3/14/ Date nalyzed	
Parameter Mercury - AA Cold Vapor			Units mg/Kg	Reporting	An		An	Date	/2006 <b>Data</b>
Mercury - AA Cold Vapor	Method EPA 245.5	Result	mg/Kg	Reporting Limit	An Klei	alyst	An 3/1	Date nalyzed 5/2006	/2006 <b>Data</b>
Mercury - AA Cold Vapor	Method EPA 245.5	Result 0.12	mg/Kg	Reporting Limit 0.05	An Klei	alyst nworth	An 3/1	Date alyzed 5/2006 Date R	/2006 Data Flag
Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result 0.12 omer Sample ID	mg/Kg	Reporting Limit 0.05	An Klei npled	alyst nworth Time San	An 3/1	Date alyzed 5/2006 Date R	/2006 Data Flag





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Sample ID:	Cust	omer Sample ID	Ç.	Date Sam	pled Time Sam	ipled Date F	Received
S200603-1174		13-151-1		3/13/20	06 2:58 PI	M 3/14	/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	i	Date Sam	pled Time Sam	ipled Date F	Received
S200603-1175		13-151-2		3/13/20	06 3:00 PI	M 3/14	/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	pled Time Sam	pled Date I	Received
S200603-1176		13-152-1		3/13/20	06 2:53 PI	M 3/14	/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			Received
S200603-1177		13-152-2		3/13/20	006 2:52 P	M 3/14	1/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.15	mg/Kg	0.05	Kleinworth	3/15/2006	



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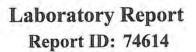
3/16/2006

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05317.1

Sample ID:	Cust	omer Sample ID	)	Date Sam	pled	Time San	npled	Date R	eceived
S200603-1178		13-153-1		3/13/20	06	2:55 P	M	3/14	/2006
Parameter	Method	Result	Units	Reporting Limit	An	alyst		Date alyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Klei	nworth	3/1	5/2006	
Sample ID:	Custo	omer Sample ID		Date Sam	pled	Time San	npled	Date R	eceived
S200603-1179		13-153-2		3/13/20	06	2:57 P	M	3/14	/2006
Parameter	Method	Result	Units	Reporting Limit	An	alyst		Date alyzed	Data Flag
	ED 1 015 5	< 0.05	mg/Kg	0.05	Klei	nworth	3/1	5/2006	
Mercury - AA Cold Vapor	EPA 245.5	~0.03	1116/116	1910.7	24310				
		omer Sample ID		Date Sam	5.50	Time San	npled	Date R	teceived
Sample ID: S200603-1180	Cust			3.6 S.	pled				eceived
Sample ID: S200603-1180	Cust	omer Sample ID		Date Sam	npled	Time San	M		
Sample ID:	Cust	omer Sample ID		Date Sam 3/13/20 Reporting	npled 106 An	Time San 4:02 P	M Ar	3/14 <b>Date</b>	/2006 <b>Data</b>
Sample ID: S200603-1180  Parameter  Mercury - AA Cold Vapor	Method EPA 245.5	omer Sample ID 13-154-1 Result	Units mg/Kg	Date Sam 3/13/20 Reporting Limit	npled 1006 An Klei	Time San 4:02 P	M Ar 3/1	3/14 Date nalyzed	/2006 <b>Data</b>
Sample ID: S200603-1180 Parameter	Method EPA 245.5	omer Sample ID 13-154-1 Result <0.05	Units mg/Kg	Date Sam 3/13/20 Reporting Limit 0.05	npled 106 An Klei	Time San 4:02 P alyst inworth	Ar 3/1	3/14 Date nalyzed 5/2006	/2006 Data Flag
Sample ID: S200603-1180  Parameter  Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	omer Sample III 13-154-1  Result <0.05  omer Sample III	Units mg/Kg	Date Sam 3/13/20 Reporting Limit 0.05	An Klei	Time San 4:02 P alyst inworth	Ar 3/1	3/14 Date nalyzed 5/2006	/2006 Data Flag





Date:

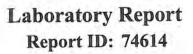
3/16/2006

Client: Taken by: RSC-937 J. Lynn

PO #:

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Sample ID:	Cust	omer Sample II	)	Date Sam	pled Time San	ime Sampled Date Rec		
S200603-1182		13-169-1		3/13/20	06 3:13 P	M	3/14/2006	
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyz		
Mercury - AA Cold Vapor	EPA 245.5	Kleinworth	Eleinworth 3/15/2006					
Sample ID:	Cust	omer Sample II		Date Sam	pled Time San	npled Da	ate Received	
S200603-1183		13-169-2		3/13/20	06 3:15 P	M	3/14/2006	
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyz		
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/15/20	06	
Sample ID:	Cust	omer Sample II	)	Date San	ipled Time San	npled Da	ate Received	
S200603-1184		13-170-1		3/13/20	06 3:04 P	M	3/14/2006	
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyz	41.50	
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/15/20	06	
Sample ID:		omer Sample II		Date Sam			ate Received	
S200603-1185		13-170-2		3/13/20	006 3:08 P		3/14/2006	
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyz		
Mercury - AA Cold Vapor	EPA 245.5	< 0.05	mg/Kg	0.05	Kleinworth	3/15/20	06	





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Sample ID:	Custo	omer Sample ID		Date Samp	oled Time San			
S200603-1186		13-171-1		3/13/200	6 3:23 P	M	3/14/2006	
Parameter	Method	Result	Units	Reporting Limit	Analyst	Dat Analy		
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/15/20	006	
Sample ID:	Custo	omer Sample ID		Date Samp	oled Time San	npled D	ate Received	
S200603-1187		13-171-2		3/13/200	6 3:25 P	M	3/14/2006	
Parameter	Method	Result	Units	Reporting Limit	Analyst	Dat Analy		
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/15/2	006	
Carried ID.	Cust	omer Sample ID		Date Sam	oled Time Sar	npled D	ate Received	
Sample ID:		13-172-1		3/13/200			3/14/2006	
S200603-1188  Parameter	Method	Result	Units	Reporting Limit	Analyst	Dat Analy	e Data	
Mercury - AA Cold Vapor	EPA 245.5	0.11	mg/Kg	0.05	Kleinworth	3/15/2	006	
Sample ID:	Customer Sample ID			Date Samp 3/13/200			ate Received	
S200603-1189  Parameter	Method	Result	Units	Reporting Limit	Analyst	Dat Analy	te Data	
Mercury - AA Cold Vapor	EPA 245.5	0.06	mg/Kg	0.05	Kleinworth	3/15/2	006	
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Sample ID:	Cust	omer Sample ID		Date Sam	pled Time San	pled Date F	Received
S200603-1190		13-173-1		3/13/20	006 3:32 P	M 3/14	/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	ipled Time San	npled Date F	Received
S200603-1191		13-173-2		3/13/20	006 3:35 P	M 3/14	/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 San	ipled Time San	npled Date F	Received
S200603-1192		13-174-1		3/13/20	006 3:38 P	M 3/14	/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	3/15/2006	
Sample ID:	Cust	omer Sample ID	Y-	Date San	ıpled Time San	npled Date F	Received
S200603-1193		13-174-2		3/13/20	006 3:40 P	M 3/14	/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	



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Sample ID:	Cust	omer Sample ID	)	Date Sam	ipled Time Sai	Sampled Date Receive		
S200603-1194		13-175-1		3/13/20	06 3:43 F	PM		
Parameter	Method	Result	Units	Reporting Limit	Analyst	-	Date alyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	mg/Kg	0.05	Kleinworth	3/1:	5/2006		
Sample ID:	Custo	omer Sample ID	)	Date Sam	npled Time San	mpled	Date R	eceived
S200603-1195		13-175-2	3/13/20	06 3:45 F	PM	3/14	2006	
Parameter	Method	Result	Units	Reporting Limit	Analyst		Date alyzed	Data Flag
	EPA 245.5	< 0.05	mg/Kg	0.05	Kleinworth	3/1:	5/2006	
Mercury - AA Cold Vapor	EFA 243.5	-0.05						
Sample ID:	Cust	omer Sample II		Date Sam 3/13/20				eceived
Sample ID: S200603-1196	Cust					PM I		/2006 <b>Data</b>
Sample ID: S200603-1196 Parameter	Cust	omer Sample II 13-176-1	)	3/13/20 Reporting	1:03 F	PM I An	3/14. Date	/2006 <b>Data</b>
Sample ID: S200603-1196  Parameter  Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	omer Sample III 13-176-1  Result 0,13  omer Sample III	Units mg/Kg	3/13/20 Reporting Limit 0.05	Analyst Kleinworth  npled Time Sai	PM I An 3/1:	3/14 Date alyzed 5/2006	Data Flag
Sample ID: S200603-1196	Method EPA 245.5	omer Sample III 13-176-1 Result 0.13	Units mg/Kg	3/13/20 Reporting Limit 0.05	Analyst Kleinworth  npled Time Sai	PM I An 3/1: mpled PM I	3/14 Date alyzed 5/2006	/2006



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Taken by: PO #: J. Lynn 05317.1

Sample ID:	Custo	omer Sample ID		Date Sam	pled Time Sar			
S200603-1198		13-177-1		3/13/20	06 1:08 P	PM 3/1	4/2006	
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:		omer Sample ID		Date San 3/13/20	Ser. 0.172	Walter Francisco	Received 4/2006	
S200603-1199  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		
((44.4m)) = 3.55 + 4.55   (1.42.45	- VAL E.V.							
Re- 1-0:	Cust	omer Sample ID	)	Date San	ıpled Time Saı	mpled Date	Received	
Sample ID:		omer Sample ID	)	Date San 3/13/20			Received 4/2006	
Sample ID: S200603-1200			Units				Data	
Sample ID:		13-178-1		3/13/20 Reporting	006 1:10 H	PM 3/1 Date	4/2006 <b>Data</b>	
Sample ID: S200603-1200  Parameter  Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result <0.05	Units mg/Kg	3/13/20 Reporting Limit 0.05	Analyst Kleinworth  npled Time Sa	Date Analyzed 3/15/2006	4/2006 Data Flag	
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Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street Carson City, NV 89703

Date: Client: 3/16/2006

Taken by:

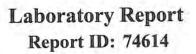
RSC-937 J. Lynn

PO #:

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### Analysis Report

Sample ID:	Custo	omer Sample ID	Page 1	Date Sam	pled Time Sam	pled Date F	Received		
S200603-1202		13-179-1		3/13/20	06 1:15 PM	M 3/14	/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 K			Kleinworth	leinworth 3/15/2006				
Sample ID;	Custo	omer Sample ID		Date Sam	pled Time Sam	ipled Date I	Received		
S200603-1203		13-179-2		3/13/20	06 1:17 Pi	M 3/14	1/2006		
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	3/15/2006			
1875									
Sample ID: \$200603-1204		omer Sample ID 13-180-1		Date Sam 3/13/20			Received 1/2006		
S200603-1204		omer Sample ID 13-180-1 Result	Units						
		13-180-1		3/13/20 Reporting	06 1:20 PI	M 3/14  Date	1/2006 <b>Data</b>		
Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result 0.14  omer Sample ID	Units mg/Kg	3/13/20 Reporting Limit	Analyst Kleinworth  apled Time San	Date Analyzed 3/15/2006	Jata Data Flag		
S200603-1204  Parameter  Mercury - AA Cold Vapor	Method EPA 245.5	13-180-1 Result  0.14	Units mg/Kg	3/13/20 Reporting Limit 0.05	Analyst Kleinworth  apled Time San	Date Analyzed 3/15/2006	Data Flag		





Sample ID:

Date:

3/16/2006

Client:

RSC-937

Taken by:

**Date Sampled** 

J. Lynn

PO #:

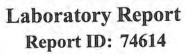
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Time Sampled Date Received

### Analysis Report

**Customer Sample ID** 

Sample ID:	Custi	mer Sample 10				The state of the s	
S200603-1206		13-181-1		3/13/20	06 1:24 P	M 3/14/	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	
C	Cust	omer Sample ID		Date San	npled Time Sar	npled Date R	eceived
Sample ID:		13-181-2		3/13/20			2006
S200603-1207	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Parameter Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/15/2006	
Sample ID: S200603-1208 Parameter	Customer Sample ID  13-182-1  Method Result U			3/13/20 Reporting Limit	006 1:31 F Analyst	PM 3/14 Date Analyzed	/2006 Data Flag
Mercury - AA Cold Vapor	EDA 245 5				***	211512006	
	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/15/2006	
Sample ID:	Cust	omer Sample ID		0.05  Date San 3/13/20	npled Time San	mpled Date R	teceived
Sample ID: S200603-1209 Parameter	Cust			Date San	npled Time San	mpled Date R	





Date:

3/16/2006

Client: Taken by: RSC-937

PO #:

J. Lynn 05317.1

#### Analysis Report

Sample ID: \$200603-1210		omer Sample II 13-183-1	)	Date Sam 3/13/200		d Time Sampled 1:36 PM		eceived 2006
Parameter	Method	Result	Units	Reporting Limit	Analyst		Date alyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	3/1	5/2006	

Sample ID: S200603-1211		omer Sample ID	Date Sam 3/13/200	0.000		Date Received 3/14/2006		
Parameter	Method	Result	Units	Reporting Limit	Analyst		Date alyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	< 0.05	mg/Kg	0.05	Kleinworth	3/1:	5/2006	

Data Flag Legend:



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street

Carson City, NV 89703

Date:

3/16/2006

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	107.0	129.0	117.0	9.13	< 0.05	mg/Kg
Mercury - AA Cold Vapor	107.0	125.0	129.0	3.38	< 0.05	mg/Kg
Mercury - AA Cold Vapor	107.0	114.0	121.0	6.13	< 0.05	mg/Kg
Mercury - AA Cold Vapor	107.0	127.0	100.0	23.94	< 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											СНА	IN O	CUS	TODY F	RECOR	D			
PHONE: (7)	75) 857 - 240	0 FAX: (		E-Mail sem	@sem-analytical.com Purchase Ord				,	Analys	ses R	eques			<del>\</del>	urnaroun	d Time	i	omplia Ionito	
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City	san Cil	State	/ 87703	Report Attenti	· # 1	hail be ord	Number of Containers									Rust 24 Hr	Land Contraction of the Contract		No:	
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Date Sampled	Time Sampled	Sample Type *		•	entification	Preservative* See Key Below	Num									Rema			.pH <2	>12
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SIERRA ENVIRONMENTAL MONITORING, INC.  1135 FINANCIAL BOULEVARD - RENO - NEVADA - 89502											CHA	AIN O	F CUS	TODY R	ECORD	<i></i>		
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Date Sampled	Time Sampled	Sample Type *		Sample/ld	entification	Preservative* See Key Below	Numb								Remarks		<2 P	H >12
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Sampled by	- JOSH	LYNN		nature:			ğ	- State of the sta	B							48 Hr _			lse Only Sample
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#### CHAIN OF CUSTODY RECORD SIERRA ENVIRONMENTAL MONITORING, INC. 1135 FINANCIAL BOULEVARD - RENO - NEVADA - 89502 PHONE: (775) 857 - 2400 FAX: (775) 857 - 2404 E-Mail sem@sem-analytical.com Compliance Analyses Requested Turnaround Time Purchase Order Client Name Monitoring 05-3/7./ CSOURCE Yes: Standard: Other: Address gp. of Containers No: Rush: Report Attention: 24 Hr 🛷 Lab Use Only 48 Hr \_\_\_\_ Signature: Sampled by: JOSH LYNN Sub-Sample Remarks pΗ Sample Identification Preservative\* Time Sample Date >12 See Key Below Type \* Sampled Sampled 13-152-1 "3 MARGE 13-152-2 1552 13-153-1 1602 1605 1513 13-169-2-1515 13-170-Time Date Print Name Company Signature Relinquished By: Received By Relinquished By: Received By: Relinquished By: Shawna Coldinar. Received By Laboratory:

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.

Sample Temperature

Degrees C

\*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** SIERRA ENVIRONMENTAL MONITORING, INC. 1135 FINANCIAL BOULEVARD - RENO - NEVADA - 89502 PHONE: (775) 857 - 2400 FAX: (775) 857 - 2404 E-Mail sem@sem-analytical.com Compliance Analyses Requested Client Name 125317.1 Monitoring Yes: Standard: Other: Address عم<sup>ن</sup> المقطعة Rush: Report Attention: ツレタテフロヨ 长っろいし 州 مرد 24 Hr Lab Use Only 48 Hr \_\_\_\_\_ Sampled by: JOSH LYNN Sub-Sample Sample Identification Remarks Preservative\* Sample Date >12 See Key Below Sampled Type \* Sampled 1508 13-176-2--(T Mag 64 1523 1527 1572 1535 1538 Time Company Print Name Signature 0940 Relinquished By: 940 Received By: Relinguished By: Received By: Relinguished By: K 1/10/1914 Received By Laboratory: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be Gustody Seal Intact returned to client or disposed of at client expense. The analytical results associated with this COC apply only to the samples as Yes No. **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

\* KEY:

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

#### **CHAIN OF CUSTODY RECORD** SIERRA ENVIRONMENTAL MONITORING, INC. 1135 FINANCIAL BOULEVARD - RENO - NEVADA - 89502 PHONE: (775) 857 - 2400 FAX: (775) 857 - 2404 E-Mail sem@sem-analytical.com Compliance Turnaround Time Analyses Requested Purchase Order Client Name Monitoring 05317.1 Yes: Standard: Phone/Fax # Address 883-1600 of Containers No: Rush: Report Attention: NVATUS 24 Hr 4 Kahin Lab Use Only 48 Hr Signature: Sampled by: JOSH LYNN Sub-Sample Sample /dentification Remarks Preservative\* Time Sample Date >12 See Key Below Type \* Sampled Sampled 13-175-1 1543 3MAG 01 1545 1300 1308 1305 1310 1313 Date Time Print Name Company Signature 0940 Relinquished By: Received By: Relinquished By: Received By: Relinquished By: Received By Laboratory: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be **Gustody Seal Intact** returned to client or disposed of at client expense. The analytical results associated with this COC apply only to the samples as Yes No None **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 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

Sample Temperature

Degrees C

#### **CHAIN OF CUSTODY RECORD** SIERRA ENVIRONMENTAL MONITORING, INC. 1135 FINANCIAL BOULEVARD - RENO - NEVADA - 89502 PHONE: (775) 857 - 2400 FAX: (775) 857 - 2404 E-Mail sem@sem-analytical.com Compliance Turĥaround Time Analyses Requested Purchase Order Client Napre Monitoring AK. 417 Yes: Standard: Phone/Fax # Address No: Rush: Report Attention: 24 Hr 👑 Lab Use Only 48 Hr \_\_\_\_ Signature: Sampled by: JOSH LYNN Sub-Sample Remarks Sample Identification Preservative\* Sample Date Time >12 See Key Below Type \* Sampled Sampled 13-179-2 = 13M1206 1317 1320 1333 13-183-2 Date Time Company Print Name Signature 0940 Relinquished By: 14 Mar 06 Received By: Relinquished By: Received By Shanino Received By Laboratory: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be **Custody Seal Intact** returned to client or disposed of at client expense. The analytical results associated with this COC apply only to the samples as Yes \_\_\_\_\_ No \_\_\_\_ SEM COC they are received by the laboratory. The liability of the laboratory is limited to the amount paid for the report.

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

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Sample Temperature

Degrees C

Sierra Environmental Monitoring, Inc.

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



 Date:
 3/20/2006

 Client:
 RSC-937

 Taken by:
 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:

3/20/2006

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:

3/20/2006

Client:

RSC-937

PO #:

Taken by:

R. Eppard 05317.1

Sample ID:	Cust	omer Sample ID	Date Sam	pled Time Sa	mpled	d Date Received		
S200603-1328		13-155-1	3/15/20	06 9:40	AM	3/15/2006		
Parameter	Method	Result	Units	Reporting Limit	Analyst		ate lyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.06	mg/Kg	0.05	Kleinworth	3/17	/2006	
Sample ID:		omer Sample ID		Date Sam 3/15/20				eceived /2006
S200603-1329		13-155-2			00 9.42		ate	Data
Parameter	Method	Result	Units	Reporting Limit	Analyst		lyzed	Flag
Mercury - AA Cold Vapor	EPA 245.5	0,11	mg/Kg	0.05	Kleinworth	3/17	/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time Sa	ımpled	Date R	eceived
S200603-1330		13-156-1		3/15/20	06 9:51	AM	3/15	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	_	ate lyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.12	mg/Kg	0.05	Kleinworth	3/17	/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time Sa	mpled	Date R	eceived
S200603-1331		13-156-2		3/15/20	06 9:47	AM	3/15	/2006
	Marked	Result	Units	Reporting Limit	Analyst		ate llyzed	Data
Parameter	Method	Result	Cilits		1 Allany Ge	279		Flag



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

3/20/2006

Client: Taken by: RSC-937 R. Eppard

PO #:

05317.1

Sample ID:	Cust	omer Sample ID	Date Sam	pled Time Sar	npled Date	Date Received	
S200603-1332	- 10	13-157-1	3/15/20	06 9:55 A	M 3/1	3/15/2006	
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	3/17/2006	
Sample ID:	Cust	omer Sample ID	)	Date Sam	pled Time Sar	npled Date	Received
S200603-1333		13-157-2	3/15/20	06 9:59 A	M 3/1	5/2006	
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	3/17/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time Sar	npled Date	Received
S200603-1334		13-167-2		3/15/20	06 10:07	AM 3/1	5/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Parameter Mercury - AA Cold Vapor	Method EPA 245.5	Result 0.15	Units mg/Kg		Analyst Kleinworth		72.75577.1
Mercury - AA Cold Vapor	EPA 245.5	0.15	mg/Kg	Limit	Kleinworth	Analyzed 3/17/2006	72.75577.1
Mercury - AA Cold Vapor  Sample ID:	EPA 245.5		mg/Kg	Limit 0.05	Kleinworth	Analyzed 3/17/2006 mpled Date	Flag
2 41,01111	EPA 245.5	0.15	mg/Kg	Date Sam	Kleinworth	Analyzed 3/17/2006 mpled Date	Flag Received 5/2006 Data



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

3/20/2006

Client: Taken by: RSC-937 R. Eppard

PO #:

05317.1

Sample ID:	Custo	omer Sample II	Date Sam	pled Time Sa	mpled	Date Received		
S200603-1336		13-168-1		3/15/20	06 10:12	AM	3/15/2006	
Parameter	Method	Result	Units	Reporting Limit	Analyst	100	ate alyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.16	mg/Kg	0.05	Kleinworth	3/17	7/2006	
Sample ID:	Custo	omer Sample II	)	Date Sam	pled Time Sa	mpled	Date R	eceived
S200603-1337		13-168-2	3/15/20	06 10:17	AM	3/15/2006		
Parameter	Method	Result	Units	Reporting Limit	Analyst	1117	alyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.09	mg/Kg	0.05	Kleinworth	3/17/2006		
Sample ID:	Cust	omer Sample II	)	Date Sam	pled Time Sa	mpled	Date R	eceived
S200603-1338	∜ 13-1	44-1 (Front)		3/15/20	06 11:33	AM	3/15	2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	-	Date alyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.11	mg/Kg	0.05	Kleinworth	3/1	7/2006	
Sample ID:	Cust	omer Sample II	)	Date Sam	Market Street Street Street	4.5%		eceived
S200603-1339	13-144-2 (Front) (AAC)			3/15/20	06 11:36	AM	3/15	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst		Date alyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.21	mg/Kg	0.05	Kleinworth	3/1	7/2006	



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

Date: Client: 3/20/2006

Taken by:

RSC-937 R. Eppard

PO #:

05317.1

Sample ID:	Custo	Date Sampled		Time Sampled		d Date Received			
S200603-1340	13-1	3/15/20	06	11:40 /	AM	3/15/2006			
Parameter	Method	Result	Units	Reporting Limit	An	alyst		Date alyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.34	mg/Kg	0.05	Klei	nworth	3/1	7/2006	
Sample ID:	Custo	omer Sample ID		Date Sam	pled	Time Sar	a Pusta in a		eceived
S200603-1341	13-1	44-2 (Back)		3/15/20	006	11:43 AM		3/15/2006	
Parameter	Method	Result	Units	Reporting Limit	An	alyst		Date nalyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.42	mg/Kg	0.05	Klei	nworth	3/1	7/2006	
- 100 cm - 1									
Sample ID:	Custo	omer Sample ID		Date San	npled	Time Sar	mpled		leceived
Sample ID: S200603-1342		omer Sample ID 13-143-1		Date Sam 3/15/20		Time Sai			eceived /2006
S200603-1342			Units		006		AM		
		13-143-1		3/15/20 Reporting	006 An	11:52	AM Ai	3/15 <b>Date</b>	/2006 <b>Data</b>
Parameter Mercury - AA Cold Vapor	Method EPA 245.5	13-143-1 Result	Units mg/Kg	3/15/20 Reporting Limit	An Klei	11:52 A	AII 3/1	3/15 Date nalyzed 17/2006	/2006 <b>Data</b>
Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	13-143-1 <b>Result</b> 0.29	Units mg/Kg	3/15/20 Reporting Limit 0.05	An Klei	11:52 alyst	An Ar 3/1	3/15 Date nalyzed 17/2006 Date F	/2006 Data Flag
Parameter Mercury - AA Cold Vapor	Method EPA 245.5	Result 0.29 omer Sample ID	Units mg/Kg	3/15/20 Reporting Limit 0.05  Date San	An Klei	alyst inworth	An Ar 3/1	3/15 Date nalyzed 17/2006 Date F	/2006 Data Flag



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

Date:

3/20/2006

Client: Taken by: RSC-937

PO #:

R. Eppard

05317.1

### Analysis Report

Sample ID:		omer Sample II	Date Sam 3/15/20			Date Received 3/15/2006		
S200603-1344  Parameter	Method	13-139-1 Result	Units	Reporting Limit	Analyst	D	ate alyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.41	mg/Kg	0.05	Kleinworth	3/17	7/2006	

Sample ID: S200603-1345 **Customer Sample ID** 

13-139-2

**Date Sampled** 

Time Sampled Date Received

3/15/2006

11:56 AM

3/15/2006

				Reporting		Date	Data
Parameter	Method	Result	Units	Limit	Analyst	Analyzed	Flag
Mercury - AA Cold Vapor	EPA 245.5	0.79	mg/Kg	0.05	Kleinworth	3/17/2006	

Data Flag Legend:



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

Date:

3/20/2006

Client:

RSC-937

Taken by:

R. Eppard

PO #:

05317.1

### Quality Control Report

Parameter  Mercury - AA Cold Vapor		LCS, % Recovery	MS, % Recovery	MSD, % Recovery	RPD, %	Method	Blank
		102.0	98.0	104.0	6.19	< 0.05	mg/Kg
Legend:		ory Control Standard Percent Difference	MS- Ma	trix Spike	MSD- Matrix S	pike Duplic	ate

1135 F	INANCIAL	BOULE	NTAL MONITORIN VARD - RENO - NEVAD	A - 89502		**************************************			CHAIN (	OF CUS	TODY RECORD	7/6	Entered Services
Client Name		parameter.	775) 857 - 2404 E-Mail sen	Purchase Ord	ler			Analy	ses Requested		Turnardund Time		pliance nitoring
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City	san(1)	State	Zip Report Attent	on: 2/7		Number of Containers					Rush: 24 Hr <u>X</u>		
Sampled by:		/	Signature:			o Jo	The state of the s				48 Hr		Jse Only Sample
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_Yes	Seal Intact No	None	returned to they are re	ceived by the laboratory thirty days on approved	client expense. The liability of credit.	The f the la	analytical re aboratory is	sults as limited t	sociated with thi to the amount pa	s COC app aid for the r	oly only to the samples as report.	Form	M COC Revise 02/01
Degree			* KEY:	Sample Type: 1=Drink Preservative: 1=NaOF	ing Water, 2=S I, 2=NaOH + Zr	urface nOAC	e Water, 3=6 5, 3=HNO3, 4	Ground 4=H2SC	Water, 4=Waste 04, 5=Na2S2O3,	Water, 5= 6=None, 7	Soil, 6=RCRA, 7=Other 7=Other		

#### **CHAIN OF CUSTODY RECORD** SIERRA ENVIRONMENTAL MONITORING, INC. 1135 FINANCIAL BOULEVARD - RENO - NEVADA - 89502 PHONE: (775) 857 - 2400 FAX: (775) 857 - 2404 E-Mail sem@sem-analytical.com Compliance Analyses Requested Turnaround Time Purchase Order Client Name Monitoring , 2, 1 Yes: Standard: Other: Phone/Fax # Address $\Delta$ No: Rush: Report Attention: 24 Hr 📐 Lab Use Only Signature: Sampled by: Sub-Sample Eppard Remarks Sample Identification Preservative\* Time Sample Date <2 >12 See Key Below Sampled Type \* Sampled 13-168-2 15 Harob 1153 6 L 1140 6 13-143-1 1152 13-143-2 1146 10 3-139-1 1201 1156 Time Date Print Name Company Signature 15 Har 2006 1401 Relinguished By: Eppard Received By: Shawna Relinquished By: Received By: Relinquished By: PNULLS Received By Laboratory: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be **Custody 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 SEM COC they are received by the laboratory. The liability of the laboratory is limited to the amount paid for the report. Form 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

02/01

Terms: Net thirty days on approved credit.

\* KEY:

Sample Temperature

Degrees C



### STATE OF NEVADA

Department of Conservation & Natural Resources

DIVISION OF ENVIRONMENTAL PROTECTION

Jim Gibbons, Governor Allen Bioggi, Director

Leo M. Drozdoff, P.E., Administrator

April 7, 2010

Tim Scheideman, Operations Manager Lennar Reno, LLC 10345 Professional Circle, Suite 100 Reno, NV 89521

Subject:

No Further Action

Location: Riverpark Subdivision, Units 13 & 15

RE: Superfund Reference Document, dated February, 2007

Dear Mr. Scheideman:

The Nevada Division of Environmental Protection (NDEP) has reviewed the "Reference Document" relating to surface soils sampling for mercury at Units 13 & 15 of Riverpark Subdivision, Dayton, Nevada. Originals in hardcopy and electronic format are distributed to and on file with the NDEP in Carson City. The purpose of the Reference Document is to provide information related to sampling for mercury in surface soils in the Carson River Mercury Superfund site, and to satisfy one component of the Durable Notification Mechanism (DNM).

The soil sampling results in Riverpark Units 13 & 15 indicate that finish-grade soils (equal to or less than 2 feet below ground surface) do not exceed 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 sampling, assessment or remediation of Riverpark Units 13 & 15 unless such investigation and/or assessment is indicated by the terms of the Environmental Covenant that is recorded on the properties with the Lyon County Recorder's Office. 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, sampling and/or remediation.

Since the NDEP has received the Reference Document for Riverpark Units 13 and 15, the NDEP deems that Lennar is in compliance with the requirements of "Option A" for Riverpark Units 13 & 15, as outlined in the NDEP letter to Riverpark, dated June 2, 2005.

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:dfriedman@ndep.nv.gov">dfriedman@ndep.nv.gov</a>, or Jeff Collins at (775) 687-9381.

Sincerely

David Friedman

Environmental Scientist III

Superfund Branch

**Bureau of Corrective Actions** 

cc: Robin Eppard, Resource Concepts, Inc., 340 N. Minnesota St., Suite 230, Carson City, NV 89703 Jere Johnson, Remedial Project Manager (SFD 8-2), USEPA-Region 9, 75 Hawthorne St., San Francisco, CA 94105 Joe Mortensen, Chair, Lyon County Board of Commissioners, 680 Miller Lane, Fernley, NV 89408 Dennis Stark, County Manager, Lyon County Manager's Office, 27 S. Main Street, Yerington, NV 89447 Jeff Collins, Supervisor, NDEP –Superfund Branch (electronic copy only)





### **Additional Sampling Information**

Sampling information relating to Unit 13 generated by regulatory agencies, property owners, or their agents after the date of the Final Grade Sampling results may be archived behind this page.

### **Unit 15**

Final Grade Data



### STATE OF NEVADA

Department of Conservation & Natural Resources

Kenny C. Guinn, Governor Allen Biaggi, Director

Leo M. Drozdoff, P.E., Administrator

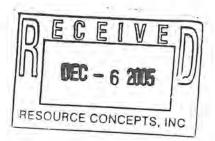
DIVISION OF ENVIRONMENTAL PROTECTION BUREAU OF CORRECTIVE ACTIONS

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.

Jeg 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

March 9, 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 13 and 15,

Riverpark Subdivision (Phase 3), Dayton, Nevada.

Dear Mr. Gardner:

Resource Concepts, Inc. (RCI) has been engaged by Lennar Communities (Lennar) to conduct sampling of soils in Units 13 and 15 of Phase 3 of the Riverpark Subdivision in Dayton, Nevada (Figure A). Lennar has agreed to develop Units 13 and 15 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 13 and 15 will be consistent with the December 2004 SAP by reference. Actual sample grids for Units 13 and 15, 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 Office (Yerington, Nevada). As chapters in the Reference Document, Units 13 and 15 will have satisfied the durable notification requirement under Option A.

Mr. Jeryl Gardner, ES III March 9, 2006 Page 2

In order to maintain site development schedules, RCI would appreciate a response to this request at your earliest convenience, so that sampling may continue on the heels of Units 11 and 12. 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

Robin Anne Eppard

Certified Environmental Manager (#1427)

Expires: March 8, 2007

RAE:sta Attachments

cc: Clayton Miller, Lennar Rebecca Caterino, Lennar Ed Davis, Reynen & Bardis John Griffin, Esq.



Units 13 and 15 are encircled in red. Previously sampled Units, or Units currently being sampled, are encircled in yellow.





### STATE OF NEVADA

Department of Conservation & Natural Resources

Kenny C. Guinn, Governor Allen Biaggi, Director

DIVISION OF ENVIRONMENTAL PROTECTION BUREAU OF CORRECTIVE ACTIONS

P: 775-687-9368 F: 775-687-8335 April 19, 2006 Leo M. Drozdoff, P.E., Administrator

DECEIVE

RESOURCE CONCEPTS, INC.

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 13 & 15 - Riverpark Subdivision, Dayton, NV

Dear Ms. Eppard:

On March 13, 2006, the Nevada Division of Environmental Protection (NDEP) received the 'Request for Approval for sampling and analysis plan for Units 13 and 15, 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 13 and 15 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 13 and 15 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. The NDEP anticipates delivery of this report with previous unit sampling results by April 26, 2006. The NDEP will not approve future sampling plans prior to receipt of the Reference Document.

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.

Singerely,

Jeryl 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 15

### Scope of Work

A total of 98 samples from 47 lots were collected from Unit 15 between August 22 and August 28, 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 238 and 252 were sampled at both the 0-1 and 1-2 fbg levels (Sample numbers 15-238 and 15-252), from both the front and back yards
- The analytical laboratory did not pick a sample from this unit 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.

Sample locations were surveyed in the field using a Trimble 5800 survey-grade GPS receiver tied into centerline monuments. Sampling locations for Lot 270, Unit 15 were calculated in the office as the field staking was missing at the time of the survey.

#### Results

The analytical data (Table 15-A) 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. These data are entered as ½ that value, or 0.025mg/Kg. The maximum concentration of mercury in soils from the 0-1fbg level was 0.26mg/Kg, and 0.93mg/Kg for soils from the 1-2fbg level. The average value for mercury from the 0-1fbg level was 0.06mg/Kg, and 0.08mg/Kg from the 1-2fbg level. Finally, the median value all soil samples from the 0-1fbg level was 0.05mg/Kg, and 0.06mg/Kg from the 1-2fbg level. All samples collected from Unit 15 are well below the regulatory limit of 80mg/Kg.

A pictorial representation of the analytical data using Surfer™ Software is presented in Figures 15-A and 15-B. Figure 15-C 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.

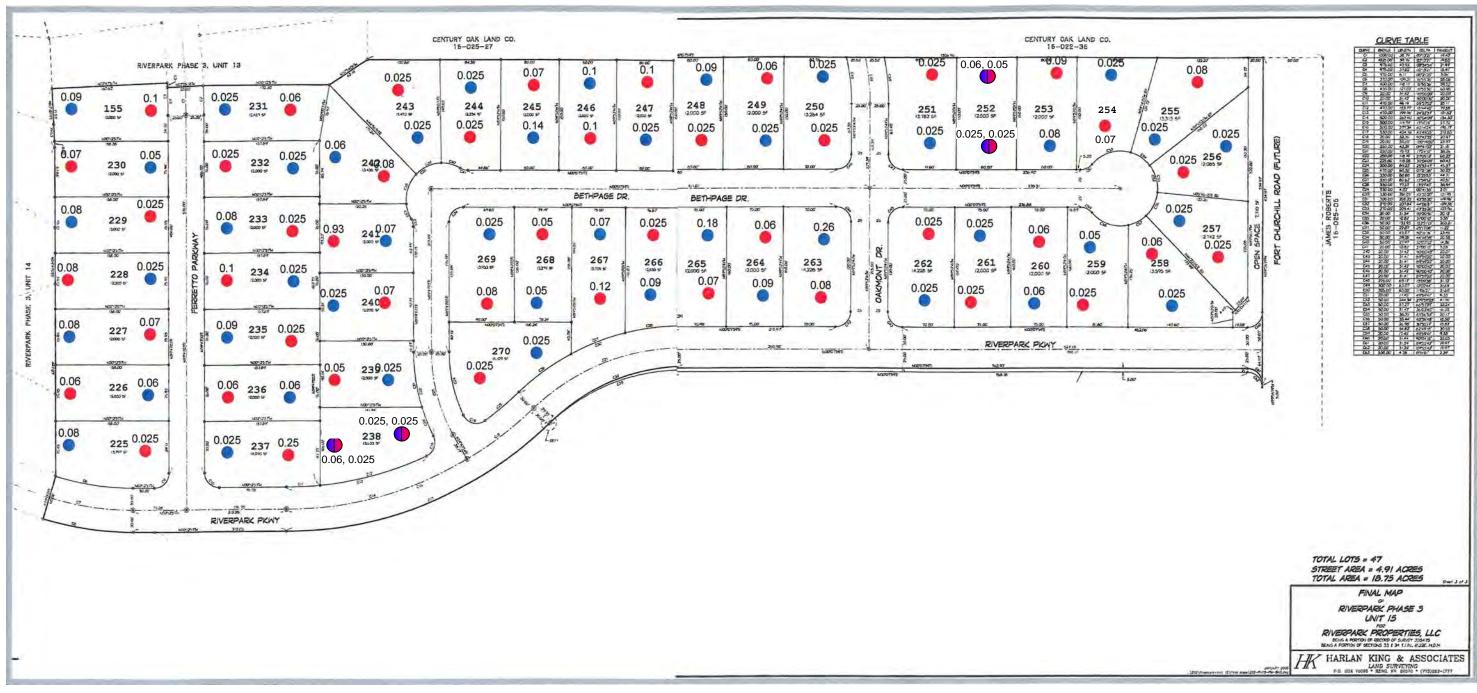
The lot numbers presented in the laboratory analysis and the results figure 15-A correspond to the recorded lot APN. The lot numbers shown in the Unit 15 figure of the request for approval letter dated March 9, 2006 were tentative numbers pending APN assignment.

# Table 15-A Summary of Unit 15 Testing for Total Mercury in Soils Riverpark Subdivision, Dayton, Nevada

	0	-1 fbg			1	-2 fbg	
Lat Number	Total Mercury	Lat Number	Total Mercury	Lat Number	Total Mercury	Lat Number	Total Mercury
Lot Number 15-155-1	(mg/Kg) 0.09	Lot Number 15-248-1	(mg/Kg) 0.09	Lot Number 15-155-2	(mg/Kg) 0.10	Lot Number 15-248-2	(mg/Kg) 0.025
15-135-1	0.08	15-249-1	0.025	15-135-2	0.025	15-249-2	0.023
15-226-1	0.06	15-250-1	0.025	15-226-2	0.023	15-250-2	0.025
15-227-1	0.08	15-251-1	0.025	15-227-2	0.07	15-251-2	0.025
15-228-1	0.025	15-252-1F	0.025	15-228-2	0.08	15-252-2F	0.025
15-229-1	0.08	15-252-1B	0.06	15-229-2	0.025	15-252-2B	0.05
15-230-1	0.05	15-253-1	0.08	15-230-2	0.07	15-253-2	0.09
15-231-1	0.025	15-254-1	0.025	15-231-2	0.06	15-254-2	0.07
15-232-1	0.025	15-255-1	0.025	15-232-2	0.025	15-255-2	0.08
15-233-1	0.08	15-256-1	0.025	15-233-2	0.025	15-256-2	0.025
15-234-1	0.025	15-257-1	0.025	15-234-2	0.10	15-257-2	0.025
15-235-1	0.09	15-258-1	0.025	15-235-2	0.025	15-258-2	0.06
15-236-1	0.06	15-259-1	0.05	15-236-2	0.06	15-259-2	0.025
15-237-1	0.025	15-260-1	0.06	15-237-2	0.25	15-260-2	0.06
15-238-1F	0.025	15-261-1	0.025	15-238-2F	0.025	15-261-2	0.025
15-238-1B	0.06	15-262-1	0.025	15-238-2B	0.025	15-262-2	0.025
15-239-1	0.025	15-263-1	0.26	15-239-2	0.05	15-263-2	0.08
15-240-1	0.025	15-264-1	0.09	15-240-2	0.07	15-264-2	0.06
15-241-1	0.07	15-265-1	0.18	15-241-2	0.93	15-265-2	0.07
15-242-1	0.06	15-266-1	0.09	15-242-2	0.08	15-266-2	0.025
15-243-1	0.025	15-267-1	0.07	15-243-2	0.025	15-267-2	0.12
15-244-1	0.025	15-268-1	0.05	15-244-2	0.025	15-268-2	0.05
15-245-1	0.14	15-269-1	0.025	15-245-2	0.07	15-269-2	0.08
15-246-1	0.10	15-270-1	0.025	15-246-2	0.10	15-270-2	0.025
15-247-1	0.025			15-247-2	0.10		
		n=	48			n=	48
		Minimum value	0.025			Minimum value	0.025
		Maximum value	0.26			Maximum value	
		Mean value	0.06			Mean value	
		Median value	0.05			Median value	0.06

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.



Site plans and community maps are conceptual in nature and are merely an artist's rendition. These maps are <u>solely</u> for illustrative purposes and should <u>never</u> 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, <u>MAY NOT BE SHOWN OR MAY BE INCOMPLETE OR INACCURATE.</u> 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 <u>MAY OR MAY NOT CHANGE IN THE FUTURE</u>. 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.

Figure 15-A.

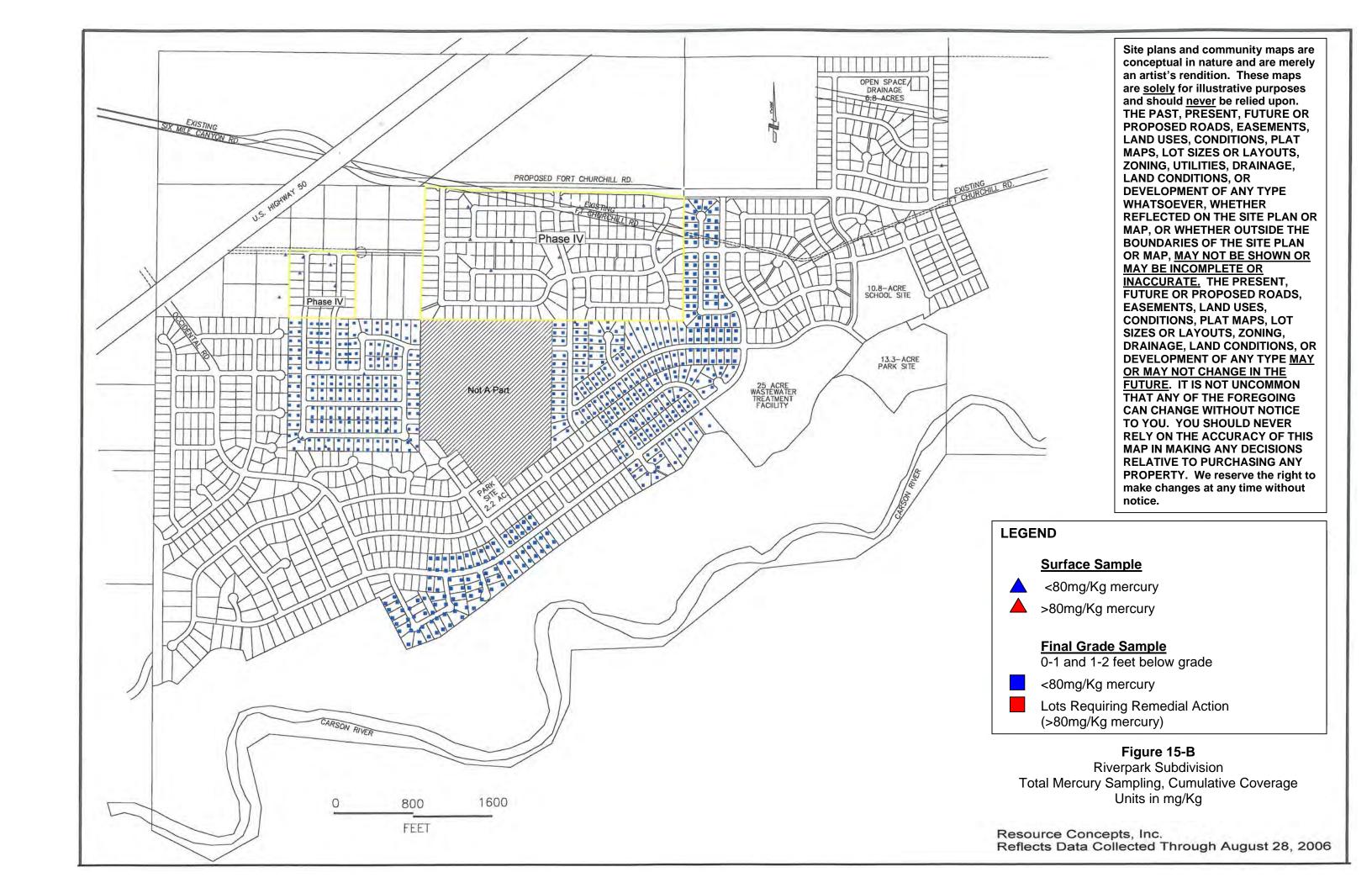
## Unit 15 Sampling Results Total Mercury in Soils at Final Grade

- 0 to 1 fbg (feet below grade) soil sample site
- 1 to 2 fbg soil sample site
- 0-1 and 1-2 fbg soil sample site for Quality Assurance/Quality Control

Total Mercury concentrations in mg/Kg.

Levels below the 0.05 mg/Kg detection limit are shown as ½ that value.

HK base map was modified on 8 March 2006 by Resource Concepts, Inc. for the purposes of this report. Lot numbers were updated on 22 August 2006.



## **Analytical Data Sheets**



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 #: 05317.2

#### 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:**

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

Approved By:

Date:

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:

8/24/2006

Client:

RSC-937

Taken by:

J. Lynn

PO #:

05317.2

Sample ID:	Cust	omer Sample II	)	Date Sam	pled Time Sa	mpled Date	Received
S200608-1351		15-225-1		8/22/20	06 12:19	PM 8/2	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	
Sample ID: S200608-1352		omer Sample ID 15-225-2		Date Sam 8/22/20		-	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	8/24/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time Sa	mpled Date	Received
S200608-1353		15-226-1		8/22/20	06 12:14	PM 8/2	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:	Custo	omer Sample ID		Date Sam	pled Time Sa	mpled Date	Received
S200608-1354		15-226-2		8/22/20	06 12:17	PM 8/2	23/2006
				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: Client: 8/24/2006

Taken by:

RSC-937

DO 4.

J. Lynn

PO #:

05317.2

Sample ID:		omer Sample ID		Date Sam	\$ 10 mm		Received
S200608-1355		15-227-1		8/22/20	06 12:09 F		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	8/24/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time San	npled Date	Received
S200608-1356		15-227-2		8/22/20	06 12:12 F	PM 8/2	3/2006
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	8/24/2006	
Sample ID:	Cust	c I II		Date Sam	pled Time San	unlad Data	
	Cust	omer Sample ID		Date Sam	picu i iiiic San	upieu Date	Received
		omer Sample ID 15-228-1		8/22/20		The second second second	Received 3/2006
S200608-1357		[10] [10] [10] [10] [10] [10] [10] [10]	Units			The second second second	
		15-228-1	Units mg/Kg	8/22/20 Reporting	06 12:03 F	PM 8/2 Date	3/2006 Data
S200608-1357  Parameter  Mercury - AA Cold Vapor	Method EPA 245.5	15-228-1 <b>Result</b> <0.05	12 (22.74)	8/22/20 Reporting Limit	Analyst Kleinworth	PM 8/2  Date Analyzed  8/24/2006	3/2006 Data
Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	15-228-1 Result	12 (22.74)	8/22/200 Reporting Limit 0.05	Analyst Kleinworth	Date Analyzed 8/24/2006	3/2006 Data Flag
S200608-1357  Parameter	Method EPA 245.5	Result <0.05	12 (22.74)	Reporting Limit 0.05	Analyst Kleinworth	Date Analyzed 8/24/2006	3/2006 Data Flag



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 #:

05317.2

Sample ID:	Cust	omer Sample ID		Date Sam	ipled Time Sa	mpled Da	e Received
S200608-1359		15-229-1		8/22/20	006 11:58	AM 8	/23/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyze	Data d Flag
Mercury - AA Cold Vapor	EPA 245.5	0.08	mg/Kg	0.05	Kleinworth	8/24/200	6
Sample ID:		omer Sample ID		Date Sam			e Received
S200608-1360		15-229-2		8/22/20	006 12:00		/23/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzo	Data d Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	8/24/200	6
Mercury - AA Cold Vapor Sample ID:	Cust	<0.05 omer Sample ID 15-230-1	mg/Kg	0.05  Date Sam 8/22/20	npled Time Sa	ımpled Da	
Mercury - AA Cold Vapor  Sample ID: S200608-1361	Cust	omer Sample ID	mg/Kg Units	Date San	npled Time Sa	ımpled Da	e Received /23/2006 Data
Mercury - AA Cold Vapor  Sample ID: S200608-1361  Parameter	Cust	omer Sample ID 15-230-1		Date Sam 8/22/20 Reporting	npled Time Sa 006 11:51	ampled Da AM 8 Date	e Received /23/2006 Data
Mercury - AA Cold Vapor  Sample ID: S200608-1361	Method EPA 245.5	omer Sample ID 15-230-1 Result	Units	Date Sam 8/22/20 Reporting Limit	npled Time Sa 2006 11:51 Analyst Kleinworth	AM 8 Date Analyze 8/24/200	e Received /23/2006 Data ed Flag 6
Mercury - AA Cold Vapor  Sample ID: S200608-1361  Parameter  Mercury - AA Cold Vapor	Method EPA 245.5	omer Sample ID 15-230-1 Result 0.05	Units	Date Sam 8/22/20 Reporting Limit 0.05	npled Time Sa 2006 11:51  Analyst  Kleinworth  npled Time Sa	AM 8 Date Analyze 8/24/200	e Received /23/2006 Data ed Flag
Sample ID: S200608-1361  Parameter Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	omer Sample ID 15-230-1 Result 0.05 omer Sample ID	Units	Date Sam 8/22/20 Reporting Limit 0.05	npled Time Sa 2006 11:51  Analyst  Kleinworth  npled Time Sa	AM 8 Date Analyze 8/24/200	pe Received /23/2006 Data ed Flag 6 te Received /23/2006 Data



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 #:

05317.2

Sample ID:	Cust	omer Sample ID	r	Date Sam			eceived
S200608-1363		15-155-1		8/22/20	06 11:49 A	M 8/23	/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	8/24/2006	
Sample ID:	Cust	omer Sample ID		Date Sam			eceived
S200608-1364		15-155-2		8/22/20	06 11:45 A	M 8/23	/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	8/24/2006	
Sample ID:		omer Sample ID		Date Sam			teceived
S200608-1365		15-231-1		8/22/20	06 1:34 P		/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	8/24/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	npled Time San	npled Date R	Received
S200608-1366		15-231-2		8/22/20	06 1:37 P	M 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	



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 #:

05317.2

Sample ID:	Cust	omer Sample II	1	Date Sam	ipled Time Sai	mpled Dat	Received
S200608-1367		15-232-1		8/22/20	06 1:40 F	PM 8	23/2006
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	8/24/2000	
Sample ID:	Cust	omer Sample II		Date Sam	pled Time Sai	mpled Dat	Received
S200608-1368		15-232-2		8/22/20	06 1:43 F	PM 8	23/2006
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	8/24/2000	
Sample ID:							
Sample ID:	Cust	omer Sample ID	)	Date Sam	pled Time Sar	mpled Dat	Received
S200608-1369		omer Sample ID 15-233-1		<b>Date Sam</b> 8/22/20			Received 23/2006
			Units				23/2006 <b>Data</b>
S200608-1369		15-233-1		8/22/20 Reporting	06 1:46 F	PM 8.	23/2006 Data I Flag
S200608-1369  Parameter  Mercury - AA Cold Vapor	Method EPA 245.5	15-233-1  Result  0.08	Units mg/Kg	8/22/20 Reporting Limit	06 1:46 F  Analyst  Kleinworth	Date Analyze 8/24/2000	23/2006 Data I Flag
S200608-1369  Parameter  Mercury - AA Cold Vapor  Sample ID:	Method EPA 245.5	Result 0.08  omer Sample ID	Units mg/Kg	8/22/20 Reporting Limit 0.05	Analyst Kleinworth  Apled Time Sar	Date Analyze 8/24/2000	23/2006 Data I Flag
S200608-1369  Parameter	Method EPA 245.5	15-233-1  Result  0.08	Units mg/Kg	8/22/20 Reporting Limit 0.05  Date Sam	Analyst Kleinworth  Apled Time Sar	Date Analyze 8/24/2000	Data Flag Received 23/2006 Data



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 #:

05317.2

Sample ID:	Cust	omer Sample ID	1	Date Sam	pled Time S	ampled	Date R	leceived
S200608-1371		15-234-1		8/22/20	06 1:51	l PM	8/23	/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	24/2006	
Sample ID:	Cust	omer Sample ID	8	Date Sam	pled Time S	Sampled	Date R	Received
S200608-1372		15-234-2		8/22/20	06 1:54	4 PM	8/23	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst		Date ialyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.10	mg/Kg	0.05	Kleinworth	8/2	24/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time S	Sampled	Date R	Received
S200608-1373		15-235-1		8/22/20	06 1;57	7 PM	8/23	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst		Date nalyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.09	mg/Kg	0.05	Kleinworth	8/2	24/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time S	Sampled	Date R	Received
S200608-1374		15-235-2		8/22/20	06 2:03	1 PM	8/23	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst		Date nalyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	< 0.05	mg/Kg	0.05	Kleinworth	8/2	24/2006	



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 #:

05317.2

#### Analysis Report

Sample ID:	Cust	omer Sample ID		Date Sam	ipled Time San	npled Date R	leceived
S200608-1375		15-236-1		8/22/20	06 2:05 P	M 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:	Cust	omer Sample ID		Date Sam	pled Time San	npled Date F	Received
S200608-1376		15-236-2		8/22/20	06 2:08 P	M 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:	Cust	omer Sample ID		Date Sam	pled Time San	npled Date F	teceived
*******		15-237-1		8/22/20	06 2:10 P	M 8/23	/2006
S200608-1377		15 251 1					
S200608-1377  Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Parameter			Units mg/Kg		Analyst Kleinworth		
Parameter Mercury - AA Cold Vapor	Method EPA 245.5	Result	mg/Kg	Limit	Kleinworth	Analyzed 8/24/2006	
Parameter Mercury - AA Cold Vapor Sample ID:	Method EPA 245.5	Result <0.05	mg/Kg	<b>Limit</b> 0.05	Kleinworth	Analyzed 8/24/2006	Flag
3-1131-2-11	Method EPA 245.5	Result <0.05	mg/Kg	Limit 0.05  Date Sam	Kleinworth	Analyzed 8/24/2006	Flag

Data Flag Legend:



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 #:

05317.2

#### Quality Control Report

Parameter	LCS, % Recovery	MS, % Recovery	MSD, % Recovery	RPD, %	Method	Blank
Mercury - AA Cold Vapor	100.0	110.0	104.0	5.41	< 0.05	mg/Kg
Mercury - AA Cold Vapor	100.0	116.0	116.0	0.43	< 0.05	mg/Kg

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

MSD- Matrix Spike Duplicate

Lab Use Only Sub-Sample ρН Remarks >12 Time Date 0845 23 Aug 06 esource (incepts, Inc 8/23/06 005 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 SEM COC they are received by the laboratory. The liability of the laboratory is limited to the amount paid for the report. Form Revised 02/01 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 Ambunt

Compliance

Monitoring

Yes:

No:

Other:

Standard:

Rush:

24 Hr

martin

Shawna

7758572404

Received BX

08/24/2006

Sample Temperature Degrees C

None X

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.

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

SEM COC Form Revised 02/01

005

Compliance

Monitoring

Yes:

No:

I ah Use Only

Sub-Sample

Time

0845

<2

>12

Other.

2/13	SIERRA ENVIRONMENTAL MONITORIA	NG, INC.		CHAIN OF	CUSTODY RECORD
12	LAGE ENLANCIAL BOLL FVARD - RENU - NEVAU	W - 02305			M Jah
Ш	PHONE: (775) 857 - 2400 FAX: (775) 857 - 2404 E-Mail sen	nansem-analytical.com	A	nalyses Requested	Three ound time
PAGE	Client Name Concepts, I	nc O5.317.1	ļ <del></del>		Standard: Olher:
	Address N. Minnesota	Phone/Fax # 883-1656 20	hun		Rush:
	State NV 89703 Kob	See Key Below	Total Mercury		24 Hr 48 Hr _1
	7038 24	of fer	1724		Remarks
ᅱ	Date Time Sample Sample 1	dentification Preservative' E	19		
Ė	Sampled Sampled Type *	See Key Below Z	<del>- - - -</del>		
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SIERRA					
SI	1357 15-235-1	* / / /	+/-		
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	> 1410 7 15-237-1				Date
	Signature	Print Name	Ţ <u>,</u>	Company	
	Relinquished By:	JOSH LYNN	Kesou	rce Conceptsi	Tac 23 Ang 06
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572	Received By he wha Martin	SHAWK Mary A			
7758572404	Relinquished By:				
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54	Reinguind By War Day h	Shawna Martn			0/22/0/2
14:	Regulari By Latoratory:	Stacky miths	M 56	_(()	18/23/06
90	Custody seal intact Samples	are discarded 30 days after results are reports of at client expense. The	rted unless other re analytical resu	rarrangements are made lits associated with this C	<ul> <li>Hazardous sémples will be</li> <li>OC apply only to the samples as</li> </ul>
/28	Yes thou are r	repeived by the laboratory. The liability of the	e laboratory is lir	nifed to the amount paid t	for the report.
08/24/2006	Comple Temperature Terms: N	let thirty days on approved credit.	nee Water 3=Gr	ound Water, 4=Waste Wa	ater, 5=Soil, 6=RCRA, 7=Other
08,	Degrees C Ambient *KEY:	Sample Type: 1=Drinking Water, 2=Surr Preservative: 1=NaOH, 2=NaOH + ZnO.	AC, 3=HNO3, 4=	H2SO4, 5=Na2S2O3, 6=	None, 7=Other
	Degrees C //////	PIESEIVANVE. 1 TELOTINE TO THE			

SEM COC Form Revised 02/01

Time

0845

Compliance Monitoring Yes:

No:

Lab Use Only Sub-Sample

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SIERRA ENVIRONMENTAL MONITORII  1135 FINANCIAL BOULEVARD - RENO - NEVAL							CH	IAIN C	OF CU	STO	PO 4 Turneround Tox
1135 FINANCIAL BOULEVARD - RE-Mail se PHONE: (775) 857 - 2400 FAX: (775) 857 - 2404 E-Mail se	m@sem-analytical.com Purchase Ord					Analys	es Req	uested			Turneround Time
Client Name RESOURCE CONCEPTS, INC.	05.317	·. Z								+	Standard: Oth
Address 340 N MINNESOTA ST	Phone/Fax# 883.1600 /883	.1656	ners	ury.							Rush:
City CARSON CITY NV 89703 Report Allen	A EPPARD		i Containers	TOTAL MERCURY							24 Hr 48 Hr
Sampled by: half Lynn	Job Jug	Preservative*	Number of	STAL							Remarks
Date   Mille   Sample	kientification	See Key Below	Ž					_	-		
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Signature Relinquished By:	Josef Lynn				1	2C1					23 Aug 06
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Rejumished by Marona Martin		Mart		-	10	Y V	$\overline{n}$				8/23/0b
Resident By Laboratory		mynse		اهم الم	lanc of	hor arra	angeme	nts are	made.	Hazard	ious samples will be
Sample Custody Spakinger	es are discarded 30 days and to client or disposed of	after results are at client expens	repor e. Th	neo on ie analy	tical n	esults a	associat	ed with	this CO	C apply	y only to the sample: port.
Yes _ war and	:d by the 1300130	IIV. [IIC REDING			-						
Sample Jemperator	Net thirty days on appro Sample Type: 1=Dr Preservalive: 1=Na	inking Water, 2	Surfa	ace Wa	ter, 3=	Ground 4=H2S	d Water 604, 5≃	, 4=Wa Na2S20	sie wate 03, 6=N	er, 5=5 one, 7:	=Other
Degrees C Ambient REY.	Preservative: 1=Na	UH, Z=NaUH +	21107	70, U-1	.,,,,,,						

Compliance Monitoring Yes:

No:

Lab Use Only

Sub-Sample

Time

0845

1005

SEM COC

Form Revised 02/01

8.45

>12

<2



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

Date:

8/25/2006

Client:

RSC-937

Taken by:

J. Lynn

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:

8/25/2006

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:

8/25/2006

Client:

RSC-937

Taken by:

J. Lynn

PO #:

Sample ID:	<b>Customer Sample ID</b>			Date San	npled	Time San	mpled	Date R	eceived	
S200608-1547	15-2	8/24/2006		12:07 PM		8/25/2006				
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	nworth	8/2	25/2006		
Sample ID:	Customer Sample ID			Date San	npled	Time Sai	mpled	Date R	eceived	
S200608-1548	15-2	15-238-2 (Front)			8/24/2006		12:09 PM		8/25/2006	
Parameter	Method	Result	Units	Reporting Limit	An	alyst		Date nalyzed	Data Flag	
			70.00	0.05	****		DI	15/2006		
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Klei	nworth	8/2	25/2006		
		<0.05		Date San		Time Sai			eceived	
Sample ID:	Custo				apled		mpled	Date R	eceived	
Mercury - AA Cold Vapor  Sample ID: S200608-1549  Parameter	Custo	omer Sample ID		Date San	apled 006	Time Sai	mpled PM	Date R		
Sample ID: S200608-1549	Custo 15-2	omer Sample ID 238-1 (Back)		Date San 8/24/20 Reporting	apled 006	Time Sai	mpled PM Ar	Date R 8/25/	/2006 <b>Data</b>	
Sample ID: S200608-1549  Parameter  Mercury - AA Cold Vapor	Custo 15-2 Method EPA 245.5	omer Sample ID 238-1 (Back) Result	Units mg/Kg	Date San 8/24/20 Reporting Limit	npled 006 An Klei	Time Sai 12:02	mpled PM Ar 8/2	Date R 8/25/ Date nalyzed	/2006 Data Flag	
Sample ID: S200608-1549  Parameter  Mercury - AA Cold Vapor  Sample ID:	Custo 15-2  Method EPA 245.5  Custo	omer Sample ID 238-1 (Back) Result 0.06	Units mg/Kg	Date San 8/24/20 Reporting Limit 0.05	npled  O06  An: Klein	Time Sai 12:02 alyst nworth	mpled PM Ar 8/2	Date R 8/25/ Date nalyzed 25/2006	/2006 Data Flag	
Sample ID: S200608-1549 Parameter	Custo 15-2  Method EPA 245.5  Custo	omer Sample ID 238-1 (Back)  Result 0.06  omer Sample ID	Units mg/Kg	Date San 8/24/20 Reporting Limit 0.05	Ana Klein	Time Sai 12:02 alyst nworth	mpled PM Ar 8/2 mpled	Date R 8/25/ Date nalyzed 25/2006	/2006 Data Flag	



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

Date:

8/25/2006

Client:

RSC-937

Taken by:

J. Lynn

PO #:

Sample ID:	Cust	Date Sam		ime Sample		Received				
S200608-1551		8/24/20	006	11:48 AM	8/25	8/25/2006				
Parameter	Method	Result	Units	Reporting Limit	Anal	yst A	Date nalyzed	Data Flag		
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinv	vorth 8	3/25/2006			
Sample ID:	Cust	omer Sample ID		Date Sam	pled T	ime Sample	d Date R	leceived		
S200608-1552		15-239-2						1:50 AM 8/25/2006		
Parameter	Method	Result	Units	Reporting Limit	Anal	yst A	Date nalyzed	Data Flag		
Mercury - AA Cold Vapor	EPA 245.5	0.05	mg/Kg	0.05	Kleinw	Kleinworth 8/2				
Sample ID:	Cust	omer Sample ID		Date Sam	pled T	ime Sample	l Date R	eceived		
S200608-1553		15-240-1		8/24/20		11:42 AM		/2006		
Parameter	Method	Result	Units	Reporting Limit	Analy	yst A	Date nalyzed	Data Flag		
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinw	orth 8	/25/2006			
		omer Sample ID		Date Sam	pled T	ime Sampleo	l Date R			
Sample ID:	Custo	15-240-2				and showing		eceived		
Sample ID: S200608-1554				8/24/200	06	11:45 AM	8/25	eceived 2006		
			Units	8/24/200 Reporting Limit	06 Analy		8/25/ Date nalyzed			



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

Date:

8/25/2006

Client:

RSC-937

Taken by:

J. Lynn

PO #:

Sample ID:	Customer Sample ID			Date Sam	pled Time Sa	mpled Date	Received	
S200608-1555		15-263-1	8/24/20	06 10:46	AM 8/2	8/25/2006		
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data d Fla	
Mercury - AA Cold Vapor	EPA 245.5	0.26	mg/Kg	0.05	Kleinworth	8/25/2006		
Sample ID:	Cust	omer Sample ID	6	Date Sam	pled Time Sar	mpled Date	Received	
S200608-1556		15-263-2			06 10:51	10:51 AM 8/25		
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	8/25/2006	8/25/2006	
Sample ID:	Custo	omer Sample ID		Date Sam	pled Time Sar	npled Date	Received	
S200608-1557	15-264-1			8/24/20			5/2006	
	Method			Reporting		Date	2/2000	
Parameter	Method	Result	Units	Limit	Analyst	Analyzed	Data Flag	
Parameter Mercury - AA Cold Vapor	EPA 245.5	Result 0.09	Units mg/Kg	<b>Limit</b> 0.05	Analyst Kleinworth	Analyzed 8/25/2006	Data	
Mercury - AA Cold Vapor	EPA 245.5		mg/Kg	0.05	Kleinworth	8/25/2006	Data	
Mercury - AA Cold Vapor Sample ID:	EPA 245.5	0.09	mg/Kg		Kleinworth pled Time San	8/25/2006 mpled Date	Data Flag	
	EPA 245.5	0.09	mg/Kg	0.05  Date Sam	Kleinworth pled Time San	8/25/2006 mpled Date	Data Flag Received	



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

Date:

8/25/2006

Client:

RSC-937

Taken by:

J. Lynn

PO #:

Sample ID:	Customer Sample ID			Date Sam	pled Time Sa	mpled Date	Received	
S200608-1559		15-265-1	8/24/20	06 11:01	AM 8/	8/25/2006		
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	8/25/2006		
Sample ID:	Cust	omer Sample ID		Date Sam	pled Time Sar	mpled Date	Received	
S200608-1560		15-265-2			06 11:05	AM 8/	25/2006	
Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzeo	Data Flag	
Mercury - AA Cold Vapor	EPA 245.5	0.07	mg/Kg	0.05	Kleinworth	8/25/2006	8/25/2006	
Sample ID:	Cust	omer Sample ID	i	Date Sam	pled Time Sai	mpled Date	Received	
S200608-1561	15-266-1			8/24/20	06 11:10	AM 8/	25/2006	
				Reporting		Date		
Parameter	Method	Result	Units	Limit	Analyst	Analyzed	Data Flag	
Parameter Mercury - AA Cold Vapor	EPA 245.5	Result 0.09	Units mg/Kg	Limit 0.05	Analyst Kleinworth	8/25/2006		
Mercury - AA Cold Vapor	EPA 245.5	(1013191)	mg/Kg		Kleinworth	8/25/2006		
Mercury - AA Cold Vapor Sample ID:	EPA 245.5	0.09	mg/Kg	0.05	Kleinworth	8/25/2006	Flag	
	EPA 245.5	0.09	mg/Kg	0.05  Date Sam	Kleinworth	8/25/2006	Received 25/2006 Data	



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

8/25/2006

Client:

RSC-937

Taken by:

J. Lynn

PO #:

Sample ID:	Cust	omer Sample II	)	Date San	npled Time Sa	mpled	Date R	eceived
S200608-1563		15-267-1		8/24/20	006 11:16	AM	8/25	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst		ate lyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.07	mg/Kg	0.05	Kleinworth	8/25	/2006	
Sample ID:	Cust	omer Sample II		Date San	npled Time San	mpled	Date R	eceived
S200608-1564		15-267-2		8/24/20	006 11:20	AM	8/25	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst		ate lyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.12	mg/Kg	0.05	Kleinworth	8/25/	/2006	
Sample ID:	Cust	omer Sample II	)	Date San	ipled Time Sai	mpled	Date R	eceived
S200608-1565		15-268-1		8/24/20	006 11:22	AM	8/25	/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	8/25/	/2006	
Sample ID:	Cust	omer Sample ID		Date San	ipled Time Sai	mpled	Date R	eceived
S200608-1566		15-268-2		8/24/20	006 11:25	AM	8/25	/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	8/25/	2006	



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

Date:

8/25/2006

Client:

RSC-937

Taken by:

J. Lynn

PO #:

#### Analysis Report

Sample ID:	Cust	omer Sample ID		Date Sam	pled Time	Sampled	Date R	eceived
S200608-1567		15-269-1		8/24/20	06 11:	29 AM	8/25	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst		Date alyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	8/2	25/2006	
Sample ID:	Cust	omer Sample ID	4	Date Sam	pled Time	Sampled	Date R	eceived
S200608-1568		15-269-2		8/24/20	06 11:	32 AM	8/25	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst		Date alyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	0.08	mg/Kg	0.05	Kleinworth	8/2	25/2006	
Sample ID:	Cust	omer Sample ID		Date Sam	* 1 * 1 * 1 * 1 * 1 * 1 * 1 * 1 * 1 * 1	Sampled	Date R	leceived
S200608-1569		15-270-1		8/24/20	06 11:	37 AM	8/25	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst		Date alyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	<0.05	mg/Kg	0.05	Kleinworth	8/2	25/2006	
Sample ID:	Custo	omer Sample ID		Date Sam	pled Time	Sampled	Date R	Received
S200608-1570		15-270-2		8/24/20	06 11:	34 AM	8/25	/2006
Parameter	Method	Result	Units	Reporting Limit	Analyst		Date alyzed	Data Flag
Mercury - AA Cold Vapor	EPA 245.5	< 0.05	mg/Kg	0.05	Kleinworth	8/2	5/2006	

Data Flag Legend:



Resource Concepts Attn: Robin Eppard 340 N. Minnesota Street

Carson City, NV 89703

Date:

8/25/2006

Client:

RSC-937

Taken by:

J. Lynn

PO #:

#### Quality Control Report

Parameter		LCS, % Recovery	MS, % Recovery	MSD, % Recovery	RPD, %	Method	Blank
Mercury - AA Cold V	apor	105.0	126.0	135.0	6.87	< 0.05	mg/Kg
Mercury - AA Cold V	apor	105.0	119.0	122.0	2.50	< 0.05	mg/Kg
		ry Control Standard Percent Difference	MS- Ma	trix Spike	MSD- Matrix S	pike Duplic	ate

ם ביי	113	SIEF	-
(775) 857 _ 2400	5 FINANCIAL E	RA ENVIR	est.
DHONE: /775) 857 - 2400 FAX: /775) 857 - 2404 F-Mail sem@sem-analytical.com	BOULEVARD - REN	SIERRA ENVIRONMENTAL MONITORING, INC.	
F-Mail sem@s	IO - NEVADA - 8	ONITORING,	
em-an:	39502	Z	
em-analytical com	39502	INC.	)
em-analytical.com	39502	INC.	<b>)</b>

CHAIN OF CUSTODY RECORD

Degrees C	Sample Temperature	Custody Seal Intact	Neceived by Laboratory	Bossiand Buf shorst	Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:		Y 104	114	2411 L	1150	3411	1204	2021	1709		Sampled Sampled	Date Time	-	Sampled by:	CARSON D	Address M. /	TESOURCE
	ature	act None			g of the contract of the contr		Mar 7	M mull AT	A KI	Signature	1 V	5	1,7	Ö	00		<i>L</i> 3			oled Type *	ıe Sample	•	j	ty ,	MINNESOTA	ELONCEPTS
7.	they are rec Terms: Net	Samples ar returned to					and a second	STORIO-	unaser"		15-263-1"	15-240-2.	15-246-1	15.239-2	15.739-1	15-238-2 (BA	15-738-1 (BACK)	15-238-2 (BRONT	15-238-1 (FRONT)		Sample lo		Signature:	Table VIB9 703 Report Attention	TA St.	Mrs LINC
Preservative: 1=NaOl	100 =	Samples are discarded 30 days after results are returned to client or disposed of at client expense.		anneways.			WMARUN	えるようで	Josef Lynn	Print						BACK).	E .	WT) t	NT) ;		Sample Identification			HAME EMAK	Phone/Fax # /600 /6	8.00
1=NaOH, 2=NaOH + ZnOAC, 3=HNO3, 4=H	y. The liability of the lad credit.	ter results are reported the results are reported to the reported to the results are r	2	Edit Opposite and the state of			O TEBEM	IN JOBAN		Print Name	> 1								6	See Key Below Z	Preservative*	ero	of C	antain	683-1656 ers	The following
2, 3=HNO3, 4=H2SC	laboratory is limited in	ed unless other arrar	Contract of the Contract of th				PA	R	1/4 SOME		<u> </u>			<	,									Δ	ury	
2SO4, 5=Na2S2O3, 6=None, 7=Other	to the amount paid in	ngements are made ssociated with this C		<i>S</i> ( )					(bricEPTS	Company													-		10.50 be	
None, 7=Other	poratory. The liability of the laboratory is limited to the amount baid for the report.  A-Drinking Water 3-Surface Water 3-Ground Water 4-Waste Water 5-Soil 6-RCRA 7-Other	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	0000	Same Same	)		2520	25 Mg	Inc. 25 hick	Date											Remarks		48 Hr_	Rush: 24 Hr_ <u>//</u>	Standard:	
		ples as	06 1/6	of Commerce			40 00	250 d d 250	6 cta	Time						·1/4.				<2	ırks PH	Sub-Sample	Lab Use Only	sh:	Other: Yes:	_       

Degrees C

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

# **CHAIN OF CUSTODY RECORD**

	iil, 6=RCRA, 7=Other Other	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	Sample Type: 1=Drinking Water, 2=Surface Water, 3=Ground Preservative: 1=NaOH, 2=NaOH + ZnOAC, 3=HNO3, 4=H	* KEY:		Degrees C
Form Revised	ort.	The liability of the laboratory is limited to the amount paid for the report.	they are received by the laboratory. The liability of the lat Terms: Net thirty days on approved credit.		nperature	Sample Temperature
	ous samples will be only to the samples as	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	ediscarded 30 days after results are reported slient or disposed of at client expense. The a	Samples are returned to o	al Intact None	Custody Seal Intact
13.93	X 2506		KA A		aboratory:	Received By Laboratory:
					y:	Relinquished By:
	C		or control and the second seco			Received By:
240	25/206	RCT	WMMNIN TEBENU	1 cbe-	W Mar	Relinquished By//
040	90 say 52	RCL	W MYROLD TEBER	Te back	M War 1	Received By:
0700	25 Ruch	Kesouler Concers, Inc.	JOSH LYNIN	/	Y Short	Relinquished By:
Time	Date	Company	Print Name	Signature		
			something.	15-767-2.	1120 5	
				1.200-51	1116	
				15-266-71	103.	
				15-266-11	1110	
				15-265-2	1105	
				15-265-11	1101	
				15-264-2	1056	
	-			15-264-10	1054	
			6	15-263-2	1051 5	24Av666
<2 >12		7.	See Key Below		ă	Sampled
<u>니</u> 도	Remarks	07	Sample Identification Preservative*		Time Sample	Date
Lab Use Only Sub-Sample	48 Hr	/AI,	er of C	Signature:		Sampled by:
l No:	Rush:	MET	Report Attention AIME ERAKD ontained	State 24 7/3 Report Attent	~	EMACION OH
Yes:	Standard: Other:	RINRI	Phonesteax # 600 /883-1654 20	SOTA St.	Address W. MINNESOTA	Address 540 M
Compliance Monitoring	Turnaround Time	Analyses Requested	Purchase Order 2	bncepis, Inc.		Client Name LESOURCE
			E-Mail sem@sem-analytical.com	FAX: (775) 857 - 2404 E-Mail se	S	PHONE: (775) 857 - 2400

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

# **CHAIN OF CUSTODY RECORD**

	)ther	23, 6=None, 7=C	)3, 4=H2SO4, 5=Na2S2(	C, 3=HNC	9 water, z-ould ≥=NaOH + ZnOA	Preservative: 1=NaOH, 2=NaOH + ZnOAC, 3=HNO3, 4=H2SO4, 5=Na2S2O3, 6=None, 7=Other	" KE 1:		C	Degrees C
Form Revised 02/01	ardony 7-Other	ato Motor FI-Poi	3-0	N/ptp:	redit.	Terms: Net thirty days on approved credit.	Terms: Net		Sample Temperature	Sample T
SEM COC	Its associated with this COC apply only to the samples as itted to the amount paid for the report.	this COC apply the paid for the repo	lient expense. The analytical results associated with this COC apply on The liability of the laboratory is limited to the amount paid for the report.	e analytica laborator	ent expense. The liability of the	returned to client or disposed of at client expense. The analytical resulthey are received by the laboratory. The liability of the laboratory is lim	returned to they are rec	None	No	Yes
	arrangements are made. Hazardous samples will be	made. Hazardo	s other arrangements are	ted unless	results are repor	Samples are discarded 30 days after results are reported unless other	Samples an		Custody Seal-Intact	Custody
13 7	77700		3	<u> </u>	14 14 14 14 14 14 14 14 14 14 14 14 14 1			- I I I I I I I I I I I I I I I I I I I	Received By-Laboratory:	Received By
							Consumer Con		1By:	Relinquished By:
	4		7	3,					• • •	Received By
540	21/10/00		TOT			MARIT	becan	1 ( )	ti in	Relinquished By:
0920	20 mg 06		TO PA	-	3	Williamin	A Commence of the Commence of	1 Off	701/MW.	Received By:
CHO	25 Ave 66	PISITO.	SOURCE LANCEP	1000		Josef Lynn		Contraction of the Contraction o	d By:	Relinquished By:
Time	Date		Company		ame	Print Name		Signature		
7										
et:				17			15-240-2m.	( )	1134	1
				ν.			5-270-1.	/ /	1137	1
,				e.			15-769-2.		1152	
				<			5-269-10		1179	an ang a dan pangkapat da da da
				7 ~			5-768-2	/	1125	1
	THE PERSON NAMED IN COLUMN 1			<	6		5-268-1:	5	1177	24 May: 6
<2 >12				<u> </u>	<			Type *	Sampled	Sampled
모	Remarks				Preservative*	Sample Identification	Sample id	Sample	Time	Date
Lab Use Only Sub-Sample	48 Hr				or of C		Signature:			Sampled by
No:	Rush: 24 Hr				Ontaine	1917 En for	Zip Report Attention:	State 139 703	7	EMARCSON (
Yes:	Standard: Other:			ans Mal	1983-1656 B	one/Eax#		N. Minne SOTA	N, Mi	Address 340
Monitoring	I urnaround I Ime	sted	Analyses Kequested			Purchase Order	15 Inc	MACEPTS		Client Name
1 Camaliana			,	-	-	E-Mail sem@sem-analytical.com	FAX: (775) 857 - 2404 E-Mail se		PHONE: (775) 857 - 2400	PHONE: (7

Degrees C



Sierra Environmental Monitoring, Inc.

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

**Date:** 8/29/2006 Client: RSC-937

**Taken by:** J. Lynn **PO #:** 05317.2

Dear Robin Eppard,

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

explanation in the Analysis Report section of this Laboratory Report. 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 The data presented in this report were obtained from the analysis of samples received under a chain of custody. Unless

### 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:

8/29/2006

Sierra Enviyonmental Monitoring, Inc.

assumes all liability for the further distribution of the report or its contents. 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 This report is applicable only to the sample received by the laboratory. The liability of the laboratory is limited to the amount paid

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

 Date:
 8/29/2006

 Client:
 RSC-937

 Taken by:
 J. Lynn

 PO #:
 05317.2

	8/29/2006	Geinworth 8/2	)5 Kle	0.0	mg/Kg	0.07	EPA 245.5	Mercury - AA Cold Vapor
Data Flag	_			Reporting Limit	Units	Result	Method	Parameter
2006	8/29/2006	11:28 AM	8/28/2006	~		15-241-1		S200608-1770
eceived	Date R	Time Sampled Date Received	Date Sampled	Da		Customer Sample ID	Cust	Sample ID:

	8/29/2006	Cleinworth 8/2	0.05 Kle	mg/Kg	0.93	EPA 245.5	Mercury - AA Cold Vapor
Data Flag	Date Analyzed		Reporting Limit Ar	Units	Result	Method	Parameter
/2006	8/29/2006	11:36 AM	8/28/2006		15-241-2		S200608-1771
eccived	Date R	Time Sampled Date Received	Date Sampled		Customer Sample ID	Custo	Sample ID:

	8/29/2006	inworth 8/2	0.05 Klei	mg/Kg	0.06	EPA 245.5	Mercury - AA Cold Vapor
Data Flag	Date Analyzed	Analyst An	Reporting Limit An	Units	Result	Method	Parameter
2006	8/29/200	3:12 PM	8/28/2006		15-242-1		S200608-1772
eceived	Date R	Time Sampled Date Received	Date Sampled		Customer Sample ID	Custo	Sample ID:

	8/29/2006	Kleinworth 8/2	0.05 Klei	mg/Kg	0.08	EPA 245.5	Mercury - AA Cold Vapor
Data Flag	Date Analyzed		Reporting Limit An	Units	Result	Method	Parameter
2006	8/29/2006	3:15 PM	8/28/2006		15-242-2		S200608-1773
eceived	Date R	Time Sampled Date Received	d		Customer Sample ID	Custo	Sample ID:



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

PO #: Client: Date: Taken by: 05317.2 J. Lynn RSC-937 8/29/2006

# Analysis Report

Marian A Cold Vision	Parameter	S200608-1775	Sample ID:	Mercury - AA Cold Vapor	Parameter	Sample ID: S200608-1774
EDA 245 5	Method		Cust	EPA 245.5	Method	Cust
>0.05	Result	15-243-2	Customer Sample ID	<0.05	Result	Customer Sample ID 15-243-1
ma/Ka	Units			mg/Kg	Units	
200	Reporting Limit	8/28/2006	Date Sampled	0.05	Reporting Limit	Date Sampled 8/28/2006
Kleinworth	Analyst	11:23 AM	ed Time Sampl	Kleinworth	Analyst	
8/29/2006	Date D Analyzed F	8/29/2006	Time Sampled Date Received	8/29/2006	Date D Analyzed F	Time Sampled Date Received 11:21 AM 8/29/2006
	Data Flag	6	ved		Data Flag	ived 6

006	8/29/2006	Kleinworth		0.05	mg/Kg	<0.05	EPA 245.5	Mercury - AA Cold Vapor
zed	Date Analyzed	Analyst	1	Reporting Limit	Units	Result	Method	Parameter
8/29/2006	11:08 AM	11:08	8/28/2006	8/2		15-244-1		S200608-1776
ate R	Time Sampled Date Received	Time Sa	Date Sampled	Date		Customer Sample ID	Cust	Sample ID:
006	8/29/2006	Kleinworth	Z.	0.05	mg/Kg	<0.05	EPA 245.5	Mercury - AA Cold Vapor
Zed	Analyzed	Analyst	ŀ	rimit	Units	Result	Method	Parameter

	8/29/2006	Kleinworth 8/2	0.05 Klei	mg/Kg	<0.05	EPA 245.5	Mercury - AA Cold Vapor
Data Flag	Date Analyzed		Reporting Limit An	Units	Result	Method	Parameter
/2006	8/29/2006	11:18 AM	8/28/2006		15-244-2		\$200608-1777
eceived	Date R	Time Sampled Date Received	Date Sampled		Customer Sample ID	Cust	Sample ID:

1135 Financial Blvd. Reno, NV 89502-2348 Phone (775) 857-2400 FAX (775) 857-2404 sem@sem-analytical.com

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

Date: 8/29/2006

Client: RSC-937
Taken by: J. Lynn
PO #: 05317.2

	8/29/2006	Kleinworth 8/2	0.05 Kles	mg/Kg	0.14	EPA 245.5	Mercury - AA Cold Vapor
Data Flag		analyst An	Reporting Limit An	Units	Result	Method	Parameter
2006	8/29/2006	10:53 AM	8/28/2006		15-245-1		S200608-1778
eceived	Date Re	Time Sampled Date Received	Date Sampled		Customer Sample ID	Cust	Sample ID:

ł	8/29/2006	Cleinworth 8.	0.05 Kle	mg/Kg	0.07	EPA 245.5	Mercury - AA Cold Vapor
Data Flag	Date Analyzed		Reporting Limit A	Units	Result	Method	Parameter
/2006	8/29/2006	11:05 AM	8/28/2006		15-245-2		S200608-1779
Received	Date F	Time Sampled Date Received	Date Sampled		Customer Sample ID	Cust	Sample ID:

	8/29/2006	Kleinworth 8/2	0.05 Klei	mg/Kg	0.10	EPA 245.5	Mercury - AA Cold Vapor
Data Flag	Date Analyzed		Reporting Limit Analy	Units	Result	Method	Parameter
2006	8/29/2006	10:47 AM	8/28/2006		15-246-1		S200608-1780
eceived	Date Ru	Time Sampled Date Received	Date Sampled		Customer Sample ID	Custo	Sample ID:

	8/29/2006	Kleinworth 8/2	0.05 Klei	mg/Kg	0.10	EPA 245.5	Mercury - AA Cold Vapor
Data	Date Analyzed		Reporting Limit An	Units	Result	Method	Parameter
/2006	8/29/2006	10:50 AM	8/28/2006		15-246-2		S200608-1781
leceived	Date R	Time Sampled Date Received	Date Sampled		Customer Sample ID	Cust	Sample ID:



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

 Date:
 8/29/2006

 Client:
 RSC-937

 Taken by:
 J. Lynn

PO #:

05317.2

	8/29/2006	Kleinworth 8/2	Klei	0.05	mg/Kg	< 0.05	EPA 245.5	Mercury - AA Cold Vapor
Data Flag	Date Analyzed	Analyst An		Reporting Limit	Units	Result	Method	Parameter
2006	8/29/2006	10:42 AM	8/28/2006	8/28		15-247-1		S200608-1782
eceived	Date R	Time Sampled Date Received	Date Sampled	Date S		Customer Sample ID	Cust	Sample ID:

	8/29/2006	Kleinworth 8/	Klei	0.05	mg/Kg	0.10	EPA 245.5	Mercury - AA Cold Vapor
Data Flag	Date Analyzed		An	Reporting Limit	Units	Result	Method	Parameter
/2006	8/29/	10:45 AM 8/29/2006	006	8/28/2006		15-247-2		S200608-1783
eceiv	Date R	Date Sampled Time Sampled Date Received	npled	Date San	-	Customer Sample ID	Cust	Sample ID:

	8/29/2006	Kleinworth 8/	0.05 Kle	mg/Kg	0.09	EPA 245.5	Mercury - AA Cold Vapor
Data Flag	Date Analyzed	Analyst A	Reporting Limit An	Units	Result	Method	Parameter
/2006	8/29/2006	10:37 AM	8/28/2006		15-248-1		S200608-1784
eceived	Date R	Time Sampled Date Received	Date Sampled		Customer Sample ID	Cust	Sample ID:

	8/29/2006	Kleinworth 8/2	0.05 Klei	mg/Kg	< 0.05	EPA 245.5	Mercury - AA Cold Vapor
Data	Date Analyzed		Reporting Limit An	Units	Result	Method	Parameter
/2006	8/29/2006	10:39 AM	8/28/2006		15-248-2		S200608-1785
eceived	Date R	Time Sampled Date Received	Date Sampled		Customer Sample ID	Custo	Sample ID:



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

 Date:
 8/29/2006

 Client:
 RSC-937

 Taken by:
 J. Lynn

 PO #:
 05317.2

	8/29/2006	Cleinworth 8/2	0.05 Kle	mg/Kg	<0.05	EPA 245.5	Mercury - AA Cold Vapor
Data Flag	2		Reporting Limit Ar	Units	Result	Method	Parameter
2006	8/29/2006	10:32 AM	8/28/2006	4	15-249-1		S200608-1786
eceived	Date Re	Time Sampled Date Received	Date Sampled		<b>Customer Sample ID</b>	Cust	Sample ID:

	8/29/2006	Kleinworth 8/2	).05 Klei	0	mg/Kg	0.06	EPA 245.5	Mercury - AA Cold Vapor
Flag	Date Analyzed		Reporting Limit An	Rep	Units	Result	Method	Parameter
2006	8/29/2006	10:35 AM	8/28/2006			15-249-2		S200608-1787
eceived	Date R	Time Sampled Date Received	ba		-	Customer Sample ID	Cust	Sample ID:

	8/29/2006	Kleinworth 8/2	0.05 Klei		mg/Kg	<0.05	EPA 245.5	Mercury - AA Cold Vapor
Data Flag	Date Data Analyzed Flag		Reporting Limit An	Rej I	Units	Result	Method	Parameter
/2006	8/29/2006	10:25 AM	8/28/2006			15-250-1		S200608-1788
Received	Date R	Time Sampled Date Received	Date Sampled		_	Customer Sample ID	Cust	Sample ID:

	8/29/2006	Kleinworth 8/2	0.05 Kle	mg/Kg	<0.05	EPA 245 S	Mercury - AA Cold Vanor
Data Flag	Date Analyzed			Units	Result	Method	Parameter
/2006	8/29/2006	10:29 AM	8/28/2006		15-250-2		S200608-1789
eceived	Date R	Time Sampled Date Received	Date Sampled		Customer Sample ID	Custo	Sample ID:



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

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 8/29/2006

 Client:
 RSC-937

 Taken by:
 J. Lynn

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 05317.2

	8/29/2006	Kleinworth 8/2	0.05 Klei	mg/Kg	< 0.05	EPA 245.5	Mercury - AA Cold Vapor
Data Flag	Date Data Analyzed Flag		Reporting Limit An	Units	Result	Method	Parameter
2006	8/29/2006	1:51 PM	8/28/2006		15-251-1		S200608-1790
eceived	Date Re	Ti	Date Sampled		Customer Sample ID	Custo	Sample ID:

3	8/29/2006	Jeinworth	0.05 Kle	mg/Kg	<0.05	EPA 245.5	:ury - AA Cold Vapor
Data d Flag	Date Analyzed	Analyst	Reporting Limit A	Units	Result	Method	Parameter
8/29/2006		1:54 PM	8/28/2006		15-251-2		200608-1791
e Received	iled Date	Time Sampled Date Received	Date Sampled		Customer Sample ID	Cust	ple ID:

	8/29/2006	Kleinworth 8/2	Kle	0.05	mg/Kg	< 0.05	EPA 245.5	Mercury - AA Cold Vapor
Data	2			Reporting Limit	Units	Result	Method	Parameter
2006	8/29/2000	2:01 PM	8/28/2006	8/2		15-252-1 (Front)	15-2	S200608-1792
eceived	Date Re	Time Sampled Date Received	Date Sampled	Date		Customer Sample ID	Custo	Sample ID:

	8/29/2006	Kleinworth 8/2	Kle	0.05	mg/Kg	<0.05	EPA 245.5	Mercury - AA Cold Vapor
Data Flag	Date nalyzed	>	An	Reporting Limit	Units	Result	Method	Parameter
/2006	8/29/2006	2:03 PM	9006	8/28/2006		15-252-2 (Front)	15-2	S200608-1793
eceived	Date R	Time Sampled Date Received	mpled	Date Sampled		Customer Sample ID	Cust	Sample ID:



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

 Date:
 8/29/2006

 Client:
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 Taken by:
 J. Lynn

 PO #:
 05317.2

	8/29/2006	Kleinworth 8/2	0.05 Kle	mg/Kg	0.06	EPA 245.5	Mercury - AA Cold Vapor
Data	Date Analyzed		Reporting Limit Ar	Units	Result	Method	Parameter
2006	8/29/2006	Time Sampled Date Received 1:56 PM 8/29/2006	<b>Date Sampled</b> 8/28/2006		Customer Sample ID 15-252-1 (Back)	Custr 15-2	Sample ID: S200608-1794

	8/29/2006		0.05 Kle	mg/Kg	0.05	EPA 245.5	Mercury - AA Cold Vapor
Data Flag	Date Analyzed		Reporting Limit Analyst		Result	Method	Parameter
/2006	8/29/2006	1:58 PM	8/28/2006		15-252-2 (Back)	15-2	S200608-1795
eceived	Date R	Time Sampled Date Received	Date Sampled		Customer Sample ID	Custo	Sample ID:

	8/29/2006	Kleinworth 8/.	0.05 Kle	mg/Kg	0.08	EPA 245.5	Mercury - AA Cold Vapor
Flag			Reporting Limit An	Units	Result	Method	Parameter
/2006	8/29	2:06 PM	8/28/2006		15-253-1		S200608-1796
eceived	Date K	Time Sampled Date Received	Date Sampled		Customer Sample ID	Custo	Sample ID:

	8/29/2006	Kleinworth 8/2	0.05 Klei	mg/Kg	0.09	EPA 245.5	Mercury - AA Cold Vapor
Data Flag	Date Analyzed		Reporting Limit An	Units	Result	Method	Parameter
/2006	8/29/2006	2:10 PM	8/28/2006		15-253-2		S200608-1797
eceived	Date R	Time Sampled Date Received	Date Sampled		Customer Sample ID	Cust	Sample ID:



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

 Date:
 8/29/2006

 Client:
 RSC-937

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 J. Lynn

 PO #:
 05317.2

	8/29/2006	Cleinworth 8/2	0.05 Klei	€g	mg/K	< 0.05	EPA 245.5	Mercury - AA Cold Vapor
Data Flag	Date Analyzed		Reporting Limit An		Units	Result	Method	Parameter
2006	8/29/2006	2:14 PM	8/28/2006			15-254-1		S200608-1798
eceived	Date Re	Time Sampled Date Received	Date Sampled		D	Customer Sample II	Cus	Sample ID:

	8/29/2006	Cleinworth 8	0.05 Kie	mg/Kg	0.07	EPA 245.5	Mercury - AA Cold Vapor
Data	Date Analyzed		Reporting Limit A	Units	Result	Method	Parameter
2006	8/29/2000	2:16 PM	8/28/2006		15-254-2		S200608-1799
eceived	1 Date R	Time Sampled Date Received	ed		Customer Sample ID	Cust	Sample ID:

	8/29/2006	Kleinworth 8/2	0.05 Klei	mg/Kg	<0.05	EPA 245.5	Mercury - AA Cold Vapor
Data Flag	Date Analyzed		Reporting Limit An	Units	Result	Method	Parameter
/2006	8/29/2006	2:19 PM	8/28/2006		15-255-1		S200608-1800
eceived	Date R	Time Sampled Date Received	d		Customer Sample ID	Cust	Sample ID:

	8/29/2006	Kleinworth 8/2	0.05 Klei	mg/Kg	0.08	EPA 245.5	Mercury - AA Cold Vapor
Data Flag	Date Analyzed		Reporting Limit An	Units	Result	Method	Parameter
/2006	8/29/2000	2:22 PM	8/28/2006		15-255-2		S200608-1801
eceived	Date R	Time Sampled Date Received	Date Sampled		Customer Sample ID	Custo	Sample ID:



Resource Concepts
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	8/29/2006	Kleinworth	0.05 Kle	mg/Kg	<0.05	EPA 245.5	Mercury - AA Cold Vapor
Data Flag	_		Reporting Limit A	Units	Result	Method	Parameter
2006	8/29/2006	2:24 PM	8/28/2006		15-256-1		S200608-1802
eceived	d Date K	-	Date Sampled		Customer Sample ID	Cust	Sample ID:

	8/29/2006	Kleinworth	0.05 KI	mg/Kg	<0.05	EPA 245.5	Mercury - AA Cold Vapor
Flag	Date Analyzed		34		Result	Method	Parameter
ceived 2006	d Date Receiv 8/29/2006	Time Sampled Date Received 2:32 PM 8/29/2006	Date Sampled 8/28/2006		Customer Sample ID 15-257-1	Custo	Sample ID: S200608-1804
	8/29/2006	Kleinworth 8	0.05 Kle	mg/Kg	<0.05	EPA 245.5	Mercury - AA Cold Vapor
Plag Flag	Date Analyzed	Analyst A	Reporting Limit A	Units	Result	Method	Parameter
006	8/29/2006	2:27 PM	8/28/2006		15-256-2		S200608-1803
cerved	d Date Ke	Time Sampled Date Received	Date Sampled		Customer Sample ID	Custo	Sample ID:

	8/29/2006	Kleinworth 8/2	0.05 Klei	mg/Kg	< 0.05	EPA 245.5	Mercury - AA Cold Vapor
Data Flag	Date Analyzed		Reporting Limit Anal	Units	Result	Method	Parameter
/2006	8/29/2006	2:35 PM	8/28/2006		15-257-2		s200608-1805
eceived	Date R	Time Sampled Date Received	Date Sampled		Customer Sample ID	Cust	sample ID:



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

 Date:
 8/29/2006

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 05317.2

	8/29/2006	Kleinworth	0.05	mg/Kg	< 0.05	EPA 245.5	Mercury - AA Cold Vapor
Data Flag	Date Data Analyzed Flag	Analyst	Reporting Limit	Units	Result	Method	Parameter
2006	8/29/2006	6	8/28/2006		15-258-1		S200608-1806
eceived	Time Sampled Date Received	led Time Sam	Date Sampled		Customer Sample ID	Cust	Sample ID:

	8/29/2006	Kleinworth	0.05	mg/Kg	0.06	EPA 245.5	Mercury - AA Cold Vapor
Data	Date Analyzed	Analyst	Reporting Limit	Units	Result	Method	Parameter
/2006	8/29/2006		8/28/2006		15-258-2		S200608-1807
eceived	Date Sampled Time Sampled Date Received	d Time San	Date Sample		Customer Sample ID	Cust	Sample ID:

	8/29/2006	Kleinworth 8/	0.05 Kle	mg/Kg	0.05	EPA 245.5	Mercury - AA Cold Vapor
Data Flag	Date Analyzed		Reporting Limit An	Units	Result	Method	Parameter
8/29/2006	8/29		8/28/2006		15-259-1		S200608-1808
Received	Date R	Time Sampled Date Received	Date Sampled		Customer Sample ID	Custo	Sample ID:

	8/29/2006	Kleinworth 8/	Kle	0.05	mg/Kg	< 0.05	EPA 245.5	Mercury - AA Cold Vapor
Data Flag	Date Analyzed			Reporting Limit	Units	Result	Method	Parameter
/2006	8/29/2006		8/28/2006	8/2		15-259-2		S200608-1809
leceived	Date R	Time Sampled Date Received	Date Sampled	Date		Customer Sample ID	Custo	Sample ID:



Resource Concepts
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 Date:
 8/29/2006

 Client:
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 PO #:
 05317.2

	8/29/2006	leinworth 8	0.05 Klei	mg/Kg	0.06	EPA 245.5	Mercury - AA Cold Vapor
Data Flag	1		Reporting Limit An	Units	Result	Method	Parameter
2006	8/29/2006		8/28/2006		15-260-1		S200608-1810
eceived	d Date Re	Time Sampled Date Received	Date Sampled		Customer Sample ID	Custo	Sample ID:

	8/29/2006	leinworth 8/	.05 Kle	0.	mg/Kg	0.06	EPA 245.5	Mercury - AA Cold Vapor
Data Flag	Date Analyzed		Reporting Limit An	Repo	Units	Result	Method	Parameter
/2006	8/29/2006		8/28/2006			15-260-2		S200608-1811
eceived	Date R	Time Sampled Date Received	Date Sampled	D		Customer Sample ID	Cust	Sample ID:

	8/29/2006	Kleinworth 8	Klei	0.05	mg/Kg	<0.05	EPA 245.5	Mercury - AA Cold Vapor
Data Flag				Reporting Limit	Units	Result	Method	Parameter
2006	8/29/2006		8/28/2006	8/2		15-261-1		S200608-1812
eceived	Date R	Time Sampled Date Received	Date Sampled	Date		<b>Customer Sample ID</b>	Custo	Sample ID:

1	8/29/2006	Kleinworth	0.05 K	mg/Kg	<0.05		Mercury - AA Cold Vapor
Flag	Analyzed	Analyst	Limit /	Units	Result		Parameter
8/29/2006	8/29		8/28/2006		15-261-2		S200608-1813
Received	Time Sampled Date Received	Time San	Date Sampled		Customer Sample ID	Custo	Sample ID:

Sierra Environmental Monitoring, Inc.

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

 Date:
 8/29/2006

 Client:
 RSC-937

 Taken by:
 J. Lynn

PO #:

05317.2

# Analysis Report

	8/29/2006	Kleinworth 8	0.05 Kle	mg/Kg	<0.05	EPA 245.5	Mercury - AA Cold Vapor
Data Flag	Date Analyzed		Reporting Limit An	Units	Result	Method	Parameter
8/29/2006	8/29		8/28/2006		15-262-1		S200608-1814
Received	d Date F	Time Sampled Date Received	Date Sampled		Customer Sample ID	Custo	Sample ID:

	8/29/2006		0.05 Kle	mg/Kg	< 0.05	EPA 245.5	Mercury - AA Cold Vapor
Data Flag	Date Data Analyzed Flag	Analyst A	Reporting Limit An	Units	Result	Method	Parameter
2006	8/29/2000		8/28/2006		15-262-2		S200608-1815
eceived	Date R	Time Sampled Date Received	Date Sampled		Customer Sample ID	Custo	Sample ID:

Data Flag Legend:



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

 Date:
 8/29/2006

 Client:
 RSC-937

 Taken by:
 J. Lynn

PO #:

05317.2

# Quality Control Report

ate	Spike Duplicate	MSD- Matrix S	MS- Matrix Spike	MS- Ma	Legend: LCS- Laboratory Control Standard RPD- Relative Percent Difference	RPD- Relative P	Legend:
mg/Kg	<0.05	8.85	100.0	110.0	96.0	Cold Vapor	Mercury - AA Cold Vapor
mg/Kg	< 0.05	7.68	124.0	115.0	96.0	Cold Vapor	Mercury - AA Cold Vapor
mg/Kg	<0.05	5.76	114.0	121.0	96.0	Cold Vapor	Mercury - AA Cold Vapor
Blank	Method Blan	RPD, %	MSD, % Recovery	MS, % Recovery	LCS, % Recovery		Parameter

SIERRA ENVIRONMENTAL MONITORING, INC	
1135 FINANCIAL BOULEVARD - RENG - NEVADA - 8950	10.0

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

78/06

02/01

IPHONE: (7	75) 857 - 240	JU FAX:	(775) 857 - 2404 E-Mail S	.em@sem-analytical.com												101	, -		
CERT Name	URCE (	Conce	EPTS, Inc.	Pyrchase Ore	7.2					Anai	yses F	Reque	sted			Turnarour		1 '	pliance itoring
3470	N.M.	INNES	SOTA St.	BappelFax # BB3-1600 BB.	13-165	70	ers	Edence							Sta	andard:	Other:		(es:
PARSON	oCity,1	NV g	29703 Regar Atte	Anne EPPAR	Ø		of Containers	NEA								Rus 24 Hr_		N	№: —
Sampled by:			Signalure:	John for			er of C	176					i			48 Hr _			ise Only Sample
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Sampled	Sampled				See Key 8	Below	Z	12	-	$\dashv$		<del>├─-</del> }						<2	>12
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2	1053	<u> </u>	15-245-1		<u> </u>			/											
- "		Signatu	re	Print N				1			Comp				<del></del>	Date		Time	e
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Received By	Laboratory:	Now	14	Dire Nau					la Se	20	~				9	129/0	40	8:0	7
	No	None <u></u>	_ returned to they are red	ore discarded 30 days after or client or disposed of at client conditions and the laboratory, at this to days an accompany of this days are accompany.	lient expen The liabilit	nse. T	The ar	ınalytica	al result	ts ass	sociate	ed with	this C	OC app	ly only to t			SEM (	
Sample Te	mperature		Terms: Ne	et thirty days on approved	creait.													0.00	CVISION

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 Ambien

\*KEY:

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SIERRA ENVIRONMENTAL MONITORING, INC	•
ordinate interest included in the control in the co	٠.
1135 FINANCIAL BOULEVARD - RENO - NEVADA - 89502	2

#### CHAIN OF CUSTODY RECORD

1135 FINANCIAL BOULEVARD - RENO - NEV. PHONE: (775) 857 - 2400 FAX: (775) 857 - 2404 E-Mail														
PESOURCE ONCERTS INC.	Purchase On 05-3	der 17.2			,	Inaly	ses F	Reques	ted		Turnarour	nd Time		pliance
340 N. MINNESOTA ST.	883-1600/88	3-1650	ners	Ganay							Standard:	Olher:		res:
PARSON CHY NV89703 REGIONAL	Anne EPPI	ARD	ontai	10							Rus 24 Hr_		'	
Sampled by: Josa Lynn Signature:	John		Number of Containers	176							48 Hr_			Ise Only Sample
Date Time Sample Sample Sample	dentification	Preservative* See Key Below	Numbe	Tot			ļ				Rema	rks	7	pH   >12
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Received By Laboratory	Tue Nov	'a_			9	ر ج	<u>~</u>				8/29/		\$1-0	7
Custody Seal Intact Samples a Yes No None returned to they are re	re discarded 30 days after client or disposed of at cli ceived by the laboratory. It thirty days on approved of	results are rep ent expense. T The liability of t	The a	nalytica	other ar I results	range asso	emen iciate	ts are d with	this Co	OC apply	ous samples will b anly to the sampl	e	SEM Form R	coc
Degrees C Aabaut **KEY:	Sample Type: 1=Drinkin Preservative: 1=NaOH,	g Water, 2=Sur										her	02/	

Sample Temp	perature
Degrees C	Ambent

SIERRA ENVIRONMENTAL MONITORING, INC. 1135 FINANCIAL BOULEVARD - RENO - NEVADA - 89502	
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1135 FINANCIAL BOULEVARD - RENO - NEVADA - 89502	5

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

			VARD - RENO - NEV													
PHONE: (7)	15) 857 • 240 11 OCE (	O FAX:	(775) 857 - 2404 E-Mail:	Purchase O	17 2		7	Ал	alyses I	Request	ed		Tumaroun	d Time	Comp Monit	liance toring
340/	N.MII	nnes	OTA ST,	Dhann Fou #	3-1656 ARD	Containers	MERCAN						Standard: 		-	25: - 0:
Sampled by:			Signature:	Soft Rus		r of Co	12/						48 Hr		ì	se Only Iample
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<b>.</b>	^		· KEY:	Sample Type: 1=Drini	king Water, 2=5	Surface	e Water	, 3=Groun	d Mate	r, 4≃Was	ie water	ີ, ວ=ວ໙ マ=໒	II, U=KCKA, /=C	11101		

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

SIERRA ENVIRONMI 1135 FINANCIAL BOULE	EVARD - RENO - NEVAD	A - 89502						CHAIN OF CUS	STODY RECORD		
PHONE: (775) 857 - 2400 FAX:	(775) 857 - 2404 E-Mali ser	n@sem-analytical.com Purchase On	ig ,			Ana	alyses	Requested	Turnaround Time		oliance
RESOURCE LONCA	EP13, 410.	Purchase On 25-3/	7.2		2		- <sub>T</sub>	<del>, , , , , , , , , , , , , , , , , , , </del>			toring es:
CUERT Name KESOURCE CONCA Address 340 N. MINNA	esoya St.	883-1600 BB	73-1656	ers	ACNO				Standard: Other:	-	€3.  {o:
CARGON City, NV	9703 Report Attent	ANNE EPAH	( <u>)</u>	ontain	MI				Rush:		
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2 12 12 15	<b>X</b> 4 7	~ <sup>1</sup> 1	/			100		,	donles	711	')

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Received By Laboratory:	Tre Nava	SEM	8 29/08	8:01
Custody Seal Intact  Yes No None returned to	client or disposed of at client expense. The	ed unless other arrangements are made. Hazard analytical results associated with this COC apply	only to the samples as	SEM CO

Sample Temperature

Degrees C

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

SEM COC Form Revised 02/01

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SIERRA ENVIRONMENTAL

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

Reported under corrected Po: 05.317.2

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

			775) 857 - 2404 E-Mail se	m@sem-analytical.com	VO: 05.5	17.6						-			<u></u>	
Client Name RESOURCE CONCEPTS INC Purchase Order 04.298-2					Analyses Requested						Turnaround Time		Compliance Monitoring			
Address 340 N MINNESOTA ST 883.1600/883.1656			ers	<b>K</b>						Standard:	Other:	E	es:			
City Carson City NV 89703 Report Attention: REGIN ANNE EPPARD Sampled by: JOSN LYNN Signature: John Report Attention: REGIN ANNE EPPARD			ontain	MERCURY	!					Rus 24 Hr_			lo: 			
				Number of Containers	AL M						48 Hr_			se Only Sample		
Date T	imæ S	Sample Type *	Sample	dentification	Preservative* See Key Below	Nemb	TOTAL						Rema	irks	<2 P	) >12
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Received By Laboratory: Nove The Nove					Sizu 8				8/29	06	810	て				
Custody Seal II Yes No Sample Tempe	No	ne	returned to they are red	e discarded 30 days after client or disposed of at o eived by the laboratory. thirty days on approved	lient expense. The liability of credit.	The a	nalytica boraton	al results a y is limited	ssocia to the	ted with amount	this COC a paid for th	apply onli e report.	y to the sam	ples as	Form R	CBC Revised /01
Campio Tompo	_	, <i>L</i>	7	Sample Type: 1=Drinki	ng Water, 2=Si	ırface	Water,	3=Ground	Wate	r, 4=Was	le Water, !	5=Soil, 6	=RCRA, 7=0	Other	]	

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



#### STATE OF NEVADA

Department of Conservation & Natural Resources

DIVISION OF ENVIRONMENTAL PROTECTION

Jim Gibbons, Governor Allen Bioggi, Director

Leo M. Drozdoff, P.E., Administrator

April 7, 2010

Tim Scheideman, Operations Manager Lennar Reno, LLC 10345 Professional Circle, Suite 100 Reno, NV 89521

Subject:

No Further Action

Location: Riverpark Subdivision, Units 13 & 15

RE: Superfund Reference Document, dated February, 2007

Dear Mr. Scheideman:

The Nevada Division of Environmental Protection (NDEP) has reviewed the "Reference Document" relating to surface soils sampling for mercury at Units 13 & 15 of Riverpark Subdivision, Dayton, Nevada, Originals in hardcopy and electronic format are distributed to and on file with the NDEP in Carson City. The purpose of the Reference Document is to provide information related to sampling for mercury in surface soils in the Carson River Mercury Superfund site, and to satisfy one component of the Durable Notification Mechanism (DNM).

The soil sampling results in Riverpark Units 13 & 15 indicate that finish-grade soils (equal to or less than 2 feet below ground surface) do not exceed 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 sampling, assessment or remediation of Riverpark Units 13 & 15 unless such investigation and/or assessment is indicated by the terms of the Environmental Covenant that is recorded on the properties with the Lyon County Recorder's Office. 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, sampling and/or remediation.

Since the NDEP has received the Reference Document for Riverpark Units 13 and 15, the NDEP deems that Lennar is in compliance with the requirements of "Option A" for Riverpark Units 13 & 15, as outlined in the NDEP letter to Riverpark, dated June 2, 2005.

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:dfriedman@ndep.nv.gov">dfriedman@ndep.nv.gov</a>, or Jeff Collins at (775) 687-9381.

Sincerely

David Friedman

Environmental Scientist III

Superfund Branch

Bureau of Corrective Actions

cc: Robin Eppard, Resource Concepts, Inc., 340 N. Minnesota St., Suite 230, Carson City, NV 89703 Jere Johnson, Remedial Project Manager (SFD 8-2), USEPA-Region 9, 75 Hawthorne St., San Francisco, CA 94105 Joe Mortensen, Chair, Lyon County Board of Commissioners, 680 Miller Lane, Fernley, NV 89408 Dennis Stark, County Manager, Lyon County Manager's Office, 27 S. Main Street, Yerington, NV 89447 Jeff Collins, Supervisor, NDEP –Superfund Branch (electronic copy only)





#### **Additional Sampling Information**

Sampling information relating to Unit 15 generated by regulatory agencies, property owners, or their agents after the date of the Final Grade Sampling results may be archived behind this page.