Attorney Client Communication
Attorney Work Product Communication
Privileged and Confidential

Project No. A8314-77-02
July 26, 2007

VIA EMAIL

Runkle Canyon, LLC
10990 Wilshire Boulevard
Los Angeles, California 90024

Attention: Legal Department

Subject: RUNKLE CANYON
SIMI VALLEY, CALIFORNIA
RESULTS OF SURFACE WATER AND SOIL SAMPLING AND ANALYSIS

Ladies and Gentlemen:

In accordance with your request on behalf of Runkle Canyon, LLC (the Client), we have performed a limited assessment of soil and surface water from within the drainage area of Runkle Canyon (the Site). Runkle Canyon is located at the terminus of Sequoia Avenue in the City of Simi Valley, California.

Site Description

The property consists of three parcels totaling approximately 1,615 acres; a northeast 550 acre parcel, a northwest 350 acre parcel, and a southern 715 acre parcel. There is no known street address for the property.

The Site is generally a north-south trending valley extending though the central part of the 550 acre parcel. A small stream, which appears to drain the majority of the 550-acre parcel and the 715-acre parcel, meanders northward across the valley floor. East of the stream channel are rolling hills that comprise the majority of the 550-acre parcel. West of the stream channel is a steep ridge line that comprises the eastern portion of the 350-acre parcel. The portion of the 350-acre parcel west of the ridgeline appears to drain through an unnamed north-south trending canyon to the west of Runkle Canyon. Drainage from the 715-acre parcel appears to flow onto the southern end of the 550-acre parcel along three drainage courses. The area where the three drainages converge on the 550-acre parcel has been referred to as the "Fish Tail" area of the Site. A Site Plan depicting the site boundaries and adjacent development is presented as Figure 1.

Project Description and Objective

Representatives of Runkle Canyon, LLC were told by the Simi Valley City Manager that a group of residents had informed the City that they had collected a water sample from the stream draining Runkle Canyon. According to the City Manager the water sample collected by the residents was reported to be "caustic" and to contain elevated concentrations of arsenic. The analytical report for the samples collected by the residents was posted to the website www.stoprunklydyne.com. According to the information on the web site a water sample containing an arsenic concentration of 0.15 milligrams per liter (mg/l) and a soil sample containing an arsenic concentration of 34 milligrams per kilogram (mg/kg) were collected at the Site.

We were retained by Runkle Canyon, LLC to attempt to identify the location of the samples collected by the residents and to collect samples of soil and surface water from within the vicinity of the stream for analysis of metals. Additionally the pH of the water was tested to evaluate the potential of it being caustic. The scope of services performed for the investigation at the Site included locating areas of water within the stream channel, collecting representative samples of the water and soil, and analytical testing.

Sampling Activities

On June 18 and June 26, 2007 we collected a combined total of four water and four soil samples from the Site. At the time of the site reconnaissance, the stream appeared to terminate north of the Runkle Reservoir. On June 18, 2007 two water samples (labeled Creek 1 and Creek 2) were collected from two areas within the Fish Tail area of the Site where water was observed to be flowing. On June 26, 2007 four soil samples (labeled SS-1, SS-1A, SS-2, and SS-3) and two water samples (labeled SW-1 and SW-2) were collected from an area of flowing water upstream (south) of the Fish Tail area.

Water samples were collected from each of the areas observed to contain flowing water. The samples were collected by filling laboratory provided sample containers directly from the stream. The samples were then capped, labeled, and placed in an ice chest for transport to the analytical laboratory under standard chain-of-custody procedures.

Because it was unclear from the information available whether the soil sample collected by the residents was collected from the saturated sediments within the stream channel or from the soil adjacent to the stream channel sample SS-1 was collected from the saturated sediment beneath the water in the stream at the location of surface water sample SW-1 and sample SS-1A was collected from the stream bank at the same location. Sample SS-2 was collected from the stream bank adjacent to surface water sample SW-2. Sample SS-3 was taken from within the stream channel approximately 50 feet downstream (north) of sample SS-2. There was no water in the stream at the location of soil sample SS-3. Soil samples were collected by scooping the samples directly into laboratory provided sample containers. The samples were then capped, labeled, and placed in an ice chest for transport to the analytical laboratory under standard chain-of-custody procedures.

The coordinates of the sample locations were recorded with a hand held GPS unit. The recorded coordinates for the sample locations are:

Creek 1 – N. 34.23628, W. 118.73330
Creek 2 – N. 34.23552, W. 118.73358
SW-1, SS-1, and SS-1A – N. 34.23213, W. 118.732553
SW-2 and SS-2 – N. 34.23221, W. 118.73268
SS-3 – N. 34.23254, W. 118.73299

The sample locations are shown on the attached sample location map provided as Figure 2. Photographs of the sample locations and sample collection are attached.

The four water and four soil samples were submitted to Advanced Technologies Laboratory, a NELAC accredited laboratory, located in Signal Hill, California for analysis of Title 22 metals by EPA Test Method 6010B/7470. The water samples collected on June 18th (Creek 1 and Creek 2) were submitted for analysis of pH by Method SM4500-H+B. Additionally, because a sheen was observed on the water at location SW-1, the water sample collected from this location on June 26th was submitted for analysis of extended range total petroleum hydrocarbons (TPH) by modified EPA Test Method 8015B.

Summary of Analytical Results

A discussion of the analytical results is provided below. A summary of the analytical results for metals is provided on Table 1. The laboratory analytical reports and chain-of-custody documentation are attached.

Water Results

Arsenic was not reported at concentrations equal to or greater than the laboratory reporting limit of 0.010 mg/l for any of the water samples. Concentrations of barium ranging from 0.022 to 0.67 mg/l were reported for all four of the water samples. Beryllium was reported in one water sample (SW-2) at a concentration of 0.0035 mg/l. Chromium was reported for samples Creek 1 and SW-2 at concentrations of 0.022 and 0.045 mg/l, respectively. Cobalt was reported for samples Creek 1 and SW-2 at concentrations of 0.012 and 0.044 mg/l, respectively. Copper was reported for samples Creek 1 and SW-2 at concentrations of 0.021 and 0.028 mg/l, respectively. Lead was reported for one sample, SW-2, at a concentration of 0.030 mg/l. Nickel was reported for samples Creek 1 and SW-2 at concentrations of 0.016 and 0.040 mg/l, respectively. Selenium was reported for samples SW-1 and SW-2 at concentrations of 0.041 and 0.016 mg/l, respectively. Vanadium was reported for samples Creek 1 and SW-2 at concentrations of 0.064 and 0.17 mg/l, respectively. Zinc was reported for samples Creek 1, SW-1, and SW-2 at concentrations of 0.076, 0.015, and 0.19 mg/l, respectively.

The pH of water samples collected on June 18th was reported to be 7.0 and 7.7 for the northern (Creek 1) and southern (Creek 2) sample, respectively.

Sample SW-1 did not contain concentrations of TPH equal to or greater than the laboratory reporting limit of 0.20 mg/l.

Soil Results

Arsenic was reported for soil samples SS-1A, SS-2, and SS-3 at concentrations of 1.3, 1.5, and 1.1 mg/kg, respectively. Concentrations of barium (ranging from 21 to 38 mg/kg), chromium (ranging from 6.1 to 13 mg/kg), cobalt (ranging from 3.1 to 5.9 mg/kg), copper (ranging from 4.9 to 9.2 mg/kg), lead (ranging from 1.8 to 3.6 mg/kg), nickel (ranging from 3.7 to 6.8 mg/kg), vanadium (ranging 16 37 mg/kg) and zinc (ranging from 18 to 32 mg/kg) were reported for all four of the soil samples.

Discussion of Findings

Water Results

The State of California Department of Health Services (CDHS) has established Maximum Contaminant Levels (MCLs) for drinking water. None of the concentrations of metals reported for the water samples collected during this investigation were in excess of Primary MCLs, which address health concerns, or Secondary MCLs, which address esthetics, such as taste and odor.

Formal MCLs have not been established for all of the metals analyzed in a Title 22 metals scan including cobalt, molybdenum, silver, vanadium, and zinc. However, the CDHS has established Notification Levels which are health-based advisory levels established for chemicals in drinking water that lack MCLs. Notification Levels are advisory levels for water purveyors and are not enforceable standards. If a chemical is detected above its Notification Level, then a water purveyor is required to notify the local government agency. Further, if a Notification Level is exceeded, then the CDHS recommends that the water purveyor inform its customers and consumers of the presence of the chemical and the potential health concerns associated with exposure to it. Vanadium is the only metal detected for which there is an established Notification Level. The concentrations of vanadium of 0.064 and 0.17 mg/l, respectively reported for the two water samples Creek 1 and SW-2 exceed the Notification Level of 0.05 mg/l.

The results were also compared to the USEPA, Region 9, Preliminary Remediation Goals (PRGs) for tap water. PRGs are agency guidelines and not legally enforceable standards. They are health-risk based concentrations intended to assist in the initial screening-level evaluations of environmental assessments. The concentrations of vanadium of 0.064 and 0.17 mg/l, respectively reported for the two water samples Creek 1 and SW-2 exceed the tap water PRG of 0.036 mg/l.

Additionally, based on the reported pH of the samples, one of which was neutral and the other slightly basic, it does not appear that the water would be considered caustic.

Soil Results

The concentrations of metals reported for the soil samples were compared to the California Environmental Protection Agency, California Human Health Screening Levels (CHHSLs) for residential land use. CHHSLs are health-risk based concentrations intended to assist in the initial screening-level evaluations of environmental assessments. The CHHSL for each of the metals analyzed is provided on the attached Table 1.

With the exception of arsenic, no other metals were reported at concentrations exceeding their respective CHHSLs. Concentrations of arsenic reported for soil samples SS-1A (1.3 mg/kg), SS-2 (1.5 mg/kg), and SS-3 (1.1 mg/kg) collected at the Site exceed the CHHSL for arsenic. However, natural background concentrations of arsenic in California are often much greater than the health-based, direct-exposure goals in soil, which are 0.07 mg/kg for residential land use and 0.24 mg/kg for commercial/industrial land use. In these cases, it is unlikely that any real reduction in risk can be realized by implementing risk-based management options, because the observed concentrations likely represent ambient conditions. For example, the following table presents results from background metal concentration studies conducted in various California locations.

Source	Arsenic concentration (mg/kg)
Los Angeles Unified School Sites, CA (DTSC 2005)	6.0
California Sites (Bradford et al. 1996)	1-11.0
Northern California (LBNL 1995)	9.3-31.0
California Soils (Dragun & Chiasson 1991)	0.3-69
Western USA Soils (Dragun & Chiasson 1991)	<1.0-97

The concentration of arsenic reported in the soil samples collected from the Site appear to fall within the range of naturally occurring arsenic found in California soils.

Conclusions

Vanadium was the only metal present in the water samples at concentrations exceeding regulatory guidance levels. Concentrations of vanadium exceeding DHS Notification Levels and PRGs were reported for two of the water samples collected at the Site. However, both of these guidance levels apply to potable drinking water supplies. Because the proposed development for the Site does not currently include plans to supply drinking water to the development from onsite sources it is our opinion that further evaluation with respect to the concentrations of vanadium in the surface water is unwarranted. Should plans for the development change to include use of the surface water for water supply, the Client is advised that continued monitoring for metals and treatment for vanadium may be required prior to delivery of the water to consumers.

Concentrations of arsenic exceeding CHHSLs were reported for three of the soil samples collected, however the reported concentrations fall within the range of published background concentrations of arsenic in California soils. Based on the analytical results obtained during this investigation, no further evaluation with respect to metals in soil or water is recommended.

Limitations

This report has been prepared exclusively for Runkle Canyon, LLC. The information obtained is only relevant as of the date of the latest site visit. The information contained herein is only valid as of the date of the report, and may require an update to reflect additional information obtained.

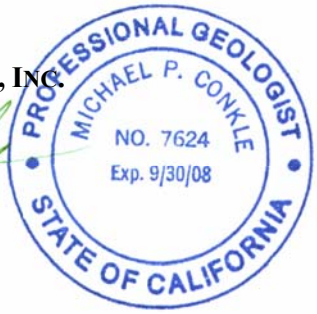
The Client should recognize that this report is not a comprehensive site characterization and should not be construed as such. The findings and conclusions as presented in this report are predicated on the results of the limited soil sampling and laboratory analyses performed, based on the scope of services requested by the client. It is possible that conditions may exist in the subsurface between the areas explored that could significantly change the conclusions and recommendations stated in this report. In addition, the information obtained is not intended to address potential impacts related to sources other than those requested by the Client as specified herein.

Therefore, the report should only be deemed conclusive with respect to the information obtained. No guarantee or warranty of the results of the report is implied within the intent of this report or any subsequent reports, correspondence, or consultation, either express or implied. We strived to perform the services summarized herein in accordance with the local standard of care in the geographic region at the time the services were rendered.

Please contact the undersigned at your convenience if you have any questions regarding this letter or if we may be of further service.

Sincerely,

GEOCON CONSULTANTS, INC.



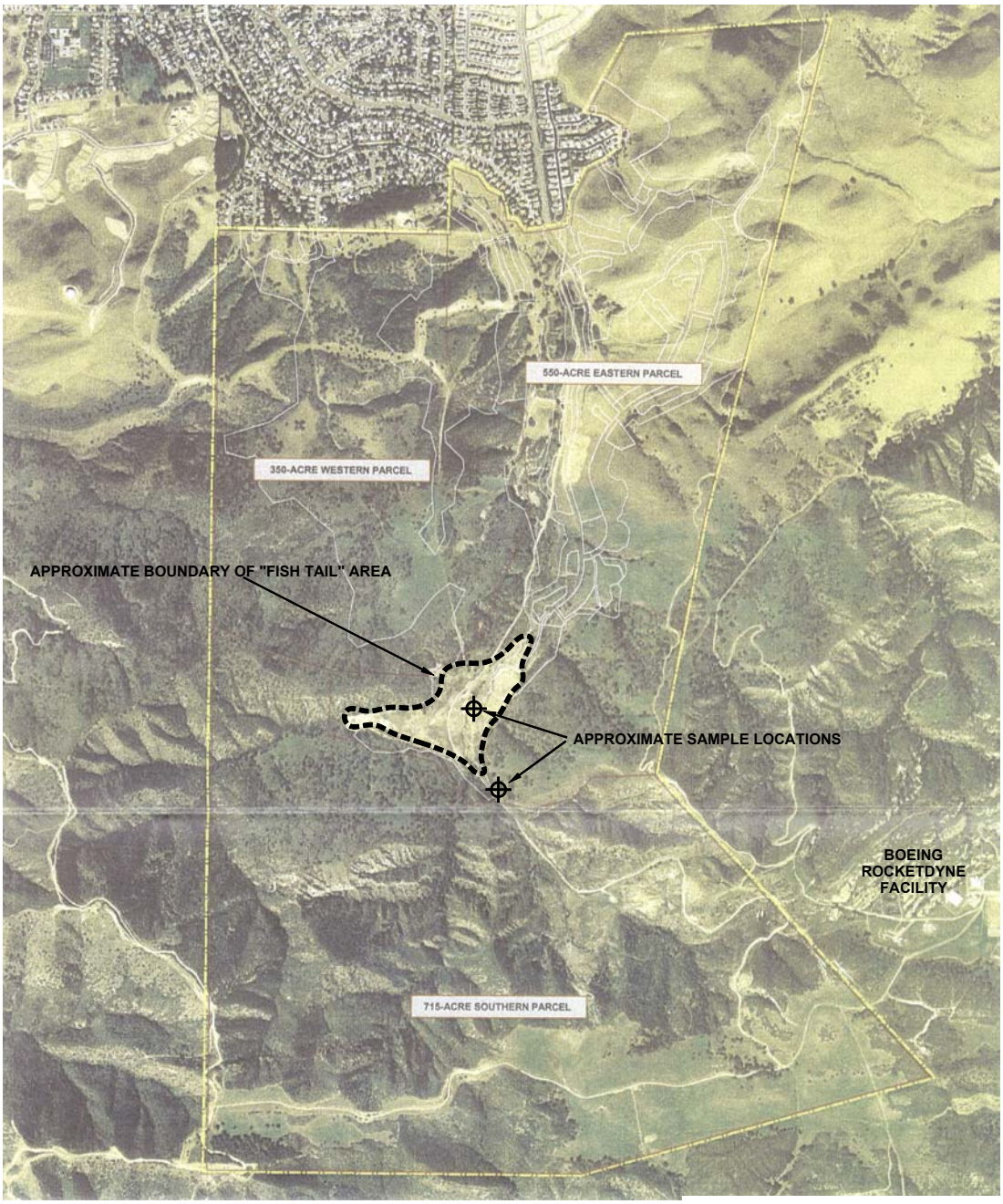
Michael Conkle, PG
Senior Geologist

MPC:am

(1) Addressee

Attachments:

Figure 1 – Site Plan
Figure 2 – Sample Location Map
Table 1 – Summary of Analytical Results – Metals
Site Photographs
Laboratory Reports and Chain-of-Custody Documentation



LEGEND

PROPERTY LINE

PARCEL BOUNDARY

TRACT BOUNDARY (SHOWN IN WHITE)

PROPOSED TRACT ROAD (SHOWN IN WHITE)

N

W E

S

0 2000 Feet

SCALE

GEOCON
CONSULTANTS, INC.

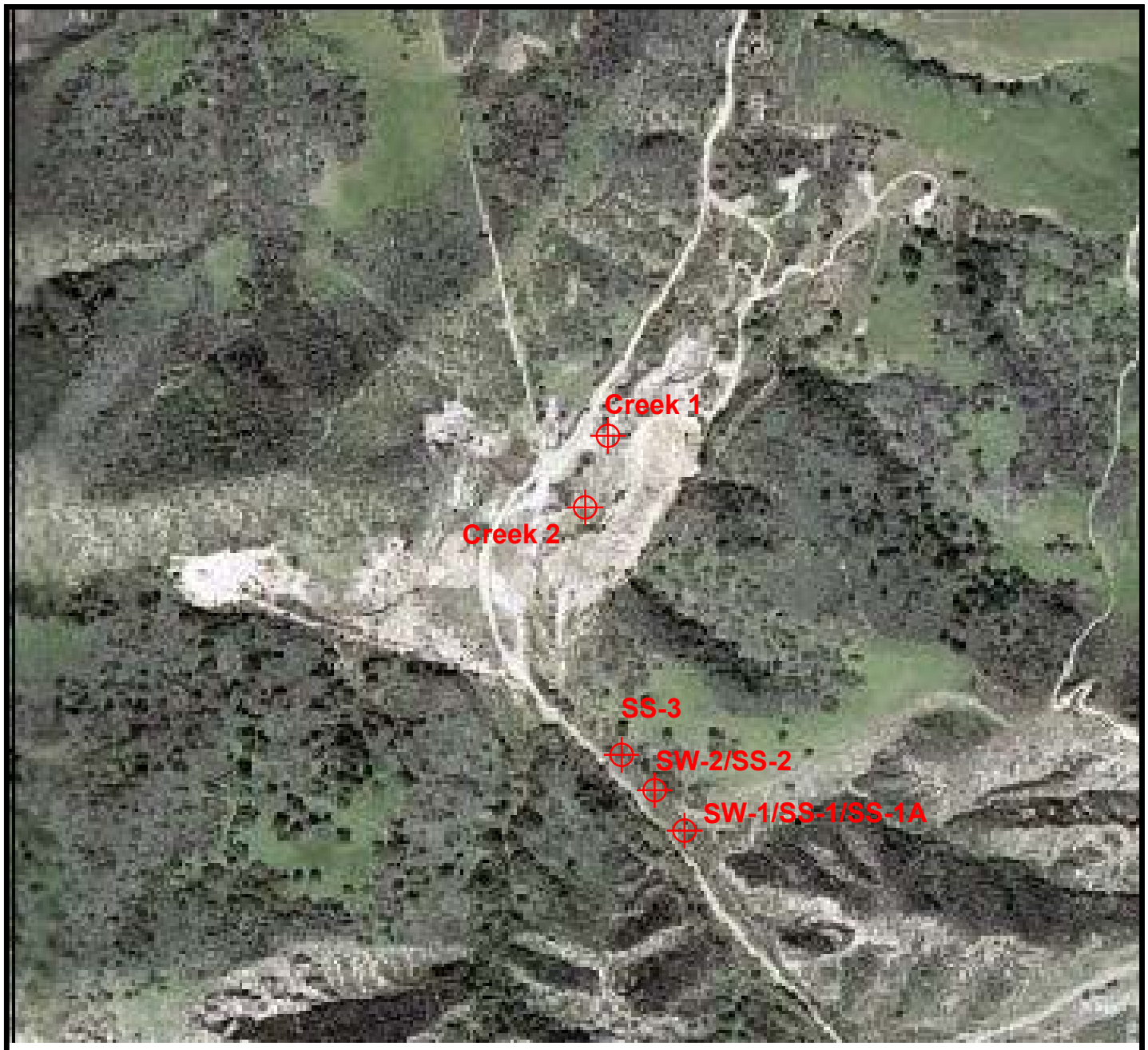
ENVIRONMENTAL GEOTECHNICAL MATERIALS
3303 N. SAN FERNANDO BLVD. - SUITE 100 - BURBANK, CA 91504
PHONE (818) 841-8388 - FAX (818) 841-1704

MPC		8000

SITE PLAN

RUNKLE CANYON, LLC
Runkle Canyon Development
Simi Valley, California

JULY 26, 2007	PROJECT NO. A8314-77-02	FIG. 1



⊕ Approximate Sample Location

GEOCON
INLAND EMPIRE, INC.

ENVIRONMENTAL GEOTECHNICAL MATERIALS
3303 N. SAN FERNANDO BLVD. - SUITE 100 - BURBANK, CA 91504
PHONE (818) 841-8388 - FAX (818) 841-1704

MPC		8000

Sample Locations

RUNKLE CANYON, LLC
Runkle Canyon Development
Simi Valley, California

JULY 26, 2006	PROJECT NO. A8314-77-02	FIG. 2

TABLE 1
SUMMARY ANALYTICAL RESULTS - METALS
RUNKLE CANYON
JUNE 18 AND JUNE 26, 2007

	Water Samples				MCLs (mg/l)	Soil Samples				CHHSLs (mg/kg)
Sample ID	Creek 1	Creek 2	SW-1	SW-2		SS-1	SS-1A	SS-2	SS-3	
Sample Date	6/18/2007	6/18/2007	6/26/2007	6/26/2007		6/26/2007	6/26/2007	6/26/2007	6/26/2007	
Antimony	<0.0050	<0.0050	<0.0050	<0.0050	0.006	<2.0	<2.0	<2.0	<2.0	30
Arsenic	<0.010	<0.010	<0.010	<0.010	0.01	<1.0	**1.3**	**1.5**	**1.1**	0.07
Barium	**0.13**	**0.022**	**0.065**	**0.67**	1.0	**21**	**29**	**38**	**27**	5,200
Beryllium	<0.0030	<0.0030	<0.0030	**0.0035**	0.004	<1.0	<1.0	<1.0	<1.0	150
Cadmium	<0.0030	<0.0030	<0.0030	<0.0030	0.005	<1.0	<1.0	<1.0	<1.0	170
Chromium	**0.022**	<0.0030	<0.0030	**0.045**	0.05	**6.1**	**8.0**	**13.0**	**7.7**	170[(2)]
Cobalt	**0.012**	<0.0030	<0.0030	**0.054**	NA	**3.1**	**4.2**	**5.9**	**4.4**	660
Copper	**0.021**	<0.0050	<0.0050	**0.028**	1.0*	**4.9**	**6.1**	**9.2**	**6.1**	3,000
Lead	<0.0050	<0.0050	<0.0050	**0.030**	0.015	**1.8**	**2.6**	**2.9**	**3.6**	150
Molybdenum	<0.0050	<0.0050	<0.0050	<0.0050	NA	<1.0	<1.0	<1.0	<1.0	380
Nickel	**0.016**	<0.0050	<0.0050	**0.040**	0.1	**3.7**	**4.5**	**6.8**	**5.2**	1,600
Selenium	<0.010	<0.010	**0.041**	**0.016**	0.05	<1.0	<1.0	<1.0	<1.0	380
Silver	<0.0030	<0.0030	<0.0030	<0.0030	NA	<1.0	<1.0	<1.0	<1.0	380
Thallium	<0.015	<0.015	<0.015	<0.015	0.002	<1.0	<1.0	<1.0	<1.0	5.0
Vanadium	**0.064**	<0.0030	<0.0030	**0.17**	0.05 [(1)]	**16**	**23**	**37**	**24**	530
Zinc	**0.076**	<0.010	**0.015**	**0.19**	NA	**18**	**25**	**32**	**26**	23,000
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	0.002	<0.10	<0.10	<0.10	<0.10	18

Notes:
Metals by EPA Test Method 6010B
Mercury by EPA Test Method 7470A
Water results in milligrams per liter (mg/l).
Soil results in milligrams per kilogram (mg/kg).
MCLs - California Department of Heath Services Maximum Contaminate Level
CHHSLs - California Human Health Screening Levels
NA = None established
<1.0 - Not reported at specified reporting limit.
* - Indicates Secondary MCL
(1) - Californina DHS Notification Level - There is no established MCL
(2) - For Chromium VI - The CHSSL for Cr III in 10,000

Photo 1 – Surface water at sample location Creek 1.

Photo 2 – Collecting surface water sample Creek 1.

GEOCON
CONSULTANTS, INC.
3303 N. San Fernando Blvd., Suite 100, Burbank, CA 91504
PHONE (818) 841-8388 – FAX (818) 841-1704

SITE PHOTOS 1 & 2		
Runkle Canyon - Surface Water Sampling Simi Valley, California		
A8314-77-02		June 2007

Photo 3 – Surface water at sample location SW-1.

Photo 4 – Surface water at sample location SW-1.

Photo 5 – Collecting water sample at sample location SW-2.

June 29, 2007

Mike Conkle
Geocon Consultants, Inc.
3303 N. San Fernando Blvd., Suite 100
Burbank, CA 91504
TEL: (818) 841-8388
FAX: (818) 841-1704

ELAP No.: 1838
NELAP No.: 02107CA
NEVADA.: CA-401
Arizona: AZ0689
CSDLAC No.: 10196
Workorder No.: 092768

RE: RUNKLE CANYON, A8314-77-02

Attention: Mike Conkle

Enclosed are the results for sample(s) received on June 18, 2007 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

This is an addendum report. Please incorporate with documentation previously submitted.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Eddie F. Rodriguez
Laboratory Director

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: *29-Jun-07*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	CREEK 1
Lab Order:	092768	**Collection Date:**	6/18/2007 9:30:00 AM
Project:	RUNKLE CANYON, A8314-77-02	**Matrix:**	WATER
Lab ID:	092768-001B		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3010A			**EPA 6010B**		
RunID: ICP8_070619B	QC Batch: 37202			PrepDate: 6/19/2007		Analyst: **HF**
Antimony	ND	0.0050		mg/L	1	6/19/2007 04:05 PM
Arsenic	ND	0.010		mg/L	1	6/19/2007 04:05 PM
Barium	0.13	0.0030		mg/L	1	6/19/2007 04:05 PM
Beryllium	ND	0.0030		mg/L	1	6/19/2007 04:05 PM
Cadmium	ND	0.0030		mg/L	1	6/19/2007 04:05 PM
Chromium	0.022	0.0030		mg/L	1	6/19/2007 04:05 PM
Cobalt	0.012	0.0030		mg/L	1	6/19/2007 04:05 PM
Copper	0.021	0.0050		mg/L	1	6/19/2007 04:05 PM
Lead	ND	0.0050		mg/L	1	6/19/2007 04:05 PM
Molybdenum	ND	0.0050		mg/L	1	6/19/2007 04:05 PM
Nickel	0.016	0.0050		mg/L	1	6/19/2007 04:05 PM
Selenium	ND	0.010		mg/L	1	6/19/2007 04:05 PM
Silver	ND	0.0030		mg/L	1	6/19/2007 04:05 PM
Thallium	ND	0.015		mg/L	1	6/19/2007 04:05 PM
Vanadium	0.064	0.0030		mg/L	1	6/19/2007 04:05 PM
Zinc	0.076	0.010		mg/L	1	6/19/2007 04:05 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7470			**EPA 7470A**		
RunID: AA5_070629A	QC Batch: 37447			PrepDate: 6/26/2007		Analyst: **JAR**
Mercury	ND	0.20		µg/L	1	6/29/2007

Qualifiers:

B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out
E	Value above quantitation range
ND	Not Detected at the Reporting Limit
	Results are wet unless otherwise specified

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	CREEK 2
Lab Order:	092768	**Collection Date:**	6/18/2007 10:00:00 AM
Project:	RUNKLE CANYON, A8314-77-02	**Matrix:**	WATER
Lab ID:	092768-002B		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3010A			**EPA 6010B**		
RunID: ICP8_070619B	QC Batch: 37202			PrepDate: 6/19/2007		Analyst: **HF**
Antimony	ND	0.0050		mg/L	1	6/19/2007 04:22 PM
Arsenic	ND	0.010		mg/L	1	6/19/2007 04:22 PM
Barium	0.022	0.0030		mg/L	1	6/19/2007 04:22 PM
Beryllium	ND	0.0030		mg/L	1	6/19/2007 04:22 PM
Cadmium	ND	0.0030		mg/L	1	6/19/2007 04:22 PM
Chromium	ND	0.0030		mg/L	1	6/19/2007 04:22 PM
Cobalt	ND	0.0030		mg/L	1	6/19/2007 04:22 PM
Copper	ND	0.0050		mg/L	1	6/19/2007 04:22 PM
Lead	ND	0.0050		mg/L	1	6/19/2007 04:22 PM
Molybdenum	ND	0.0050		mg/L	1	6/19/2007 04:22 PM
Nickel	ND	0.0050		mg/L	1	6/19/2007 04:22 PM
Selenium	ND	0.010		mg/L	1	6/19/2007 04:22 PM
Silver	ND	0.0030		mg/L	1	6/19/2007 04:22 PM
Thallium	ND	0.015		mg/L	1	6/19/2007 04:22 PM
Vanadium	ND	0.0030		mg/L	1	6/19/2007 04:22 PM
Zinc	ND	0.010		mg/L	1	6/19/2007 04:22 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7470			**EPA 7470A**		
RunID: AA5_070629A	QC Batch: 37447			PrepDate: 6/26/2007		Analyst: **JAR**
Mercury	ND	0.20		µg/L	1	6/29/2007

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT: Geocon Consultants, Inc.
Work Order: 092768
Project: RUNKLE CANYON, A8314-77-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

Sample ID: **MB-37202** SampType: **MBLK** TestCode: **6010_W** Units: **mg/L** Prep Date: **6/19/2007** RunNo: **81245**
Client ID: **PBW** Batch ID: **37202** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **6/19/2007** SeqNo: **1233207**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.0050									
Arsenic	ND	0.010									
Barium	ND	0.0030									
Beryllium	ND	0.0030									
Cadmium	ND	0.0030									
Chromium	ND	0.0030									
Cobalt	ND	0.0030									
Copper	ND	0.0050									
Lead	ND	0.0050									
Molybdenum	ND	0.0050									
Nickel	ND	0.0050									
Selenium	ND	0.010									
Silver	ND	0.0030									
Thallium	ND	0.015									
Vanadium	ND	0.0030									
Zinc	ND	0.010									

Sample ID: **LCS-37202** SampType: **LCS** TestCode: **6010_W** Units: **mg/L** Prep Date: **6/19/2007** RunNo: **81245**
Client ID: **LCSW** Batch ID: **37202** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **6/19/2007** SeqNo: **1233208**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	1.083	0.0050	1.000	0	108	85	115				
Arsenic	1.045	0.010	1.000	0	105	85	115				
Barium	1.081	0.0030	1.000	0	108	85	115				
Beryllium	1.086	0.0030	1.000	0	109	85	115				
Cadmium	1.061	0.0030	1.000	0	106	85	115				
Chromium	1.047	0.0030	1.000	0	105	85	115				
Cobalt	1.058	0.0030	1.000	0	106	85	115				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

CLIENT: Geocon Consultants, Inc.
Work Order: 092768
Project: RUNKLE CANYON, A8314-77-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

Sample ID: **LCS-37202** SampType: **LCS** TestCode: **6010_W** Units: **mg/L** Prep Date: **6/19/2007** RunNo: **81245**
Client ID: **LCSW** Batch ID: **37202** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **6/19/2007** SeqNo: **1233208**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	1.055	0.0050	1.000	0	106	85	115				
Lead	1.063	0.0050	1.000	0	106	85	115				
Molybdenum	1.078	0.0050	1.000	0	108	85	115				
Nickel	1.043	0.0050	1.000	0	104	85	115				
Selenium	1.038	0.010	1.000	0	104	85	115				
Silver	1.081	0.0030	1.000	0	108	85	115				
Thallium	1.061	0.015	1.000	0	106	85	115				
Vanadium	1.068	0.0030	1.000	0	107	85	115				
Zinc	1.068	0.010	1.000	0	107	85	115				

Sample ID: **092768-002BMS** SampType: **MS** TestCode: **6010_W** Units: **mg/L** Prep Date: **6/19/2007** RunNo: **81245**
Client ID: **CREEK 2** Batch ID: **37202** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **6/19/2007** SeqNo: **1233211**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2.698	0.0050	2.500	0	108	83	117				
Arsenic	2.549	0.010	2.500	0	102	81	116				
Barium	2.514	0.0030	2.500	0.02248	99.7	63	132				
Beryllium	2.534	0.0030	2.500	0	101	85	114				
Cadmium	2.339	0.0030	2.500	0	93.6	83	115				
Chromium	2.459	0.0030	2.500	0.001005	98.3	83	115				
Cobalt	2.290	0.0030	2.500	0	91.6	83	116				
Copper	2.729	0.0050	2.500	0	109	85	118				
Lead	2.362	0.0050	2.500	0	94.5	82	113				
Molybdenum	2.567	0.0050	2.500	0	103	86	115				
Nickel	2.372	0.0050	2.500	0.0008724	94.8	86	113				
Selenium	2.609	0.010	2.500	0	104	80	115				
Silver	2.649	0.0030	2.500	0	106	40	140				
Thallium	2.341	0.015	2.500	0	93.6	82	113				
Vanadium	2.507	0.0030	2.500	0	100	86	114				
Zinc	2.352	0.010	2.500	0	94.1	81	116				

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

Calculations are based on raw values

CLIENT: Geocon Consultants, Inc.
Work Order: 092768
Project: RUNKLE CANYON, A8314-77-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

Sample ID: **092768-002BMSD** SampType: **MSD** TestCode: **6010_W** Units: **mg/L** Prep Date: **6/19/2007** RunNo: **81245**
Client ID: **CREEK 2** Batch ID: **37202** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **6/19/2007** SeqNo: **1233212**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2.740	0.0050	2.500	0	110	83	117	2.698	1.54	20	
Arsenic	2.597	0.010	2.500	0	104	81	116	2.549	1.85	20	
Barium	2.549	0.0030	2.500	0.02248	101	63	132	2.514	1.39	20	
Beryllium	2.575	0.0030	2.500	0	103	85	114	2.534	1.59	20	
Cadmium	2.373	0.0030	2.500	0	94.9	83	115	2.339	1.43	20	
Chromium	2.491	0.0030	2.500	0.001005	99.6	83	115	2.459	1.30	20	
Cobalt	2.323	0.0030	2.500	0	92.9	83	116	2.290	1.42	20	
Copper	2.757	0.0050	2.500	0	110	85	118	2.729	1.03	20	
Lead	2.396	0.0050	2.500	0	95.8	82	113	2.362	1.43	20	
Molybdenum	2.603	0.0050	2.500	0	104	86	115	2.567	1.43	20	
Nickel	2.401	0.0050	2.500	0.0008724	96.0	86	113	2.372	1.23	20	
Selenium	2.664	0.010	2.500	0	107	80	115	2.609	2.11	20	
Silver	2.678	0.0030	2.500	0	107	40	140	2.649	1.11	20	
Thallium	2.386	0.015	2.500	0	95.4	82	113	2.341	1.91	20	
Vanadium	2.538	0.0030	2.500	0	102	86	114	2.507	1.24	20	
Zinc	2.396	0.010	2.500	0	95.8	81	116	2.352	1.85	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
  Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Geocon Consultants, Inc.
Work Order: 092768
Project: RUNKLE CANYON, A8314-77-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 7470_W

Sample ID: **092895-002A-DUP**	SampType: **DUP**	TestCode: **7470_W**	Units: **µg/L**	Prep Date: **6/26/2007**	RunNo: **81759**
Client ID: **ZZZZZZ**	Batch ID: **37447**	TestNo: **EPA 7470A**	**EPA 7470**	Analysis Date: **6/29/2007**	SeqNo: **1243226**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.20						0	0	20	

Sample ID: **092895-002A-MS**	SampType: **MS**	TestCode: **7470_W**	Units: **µg/L**	Prep Date: **6/26/2007**	RunNo: **81759**
Client ID: **ZZZZZZ**	Batch ID: **37447**	TestNo: **EPA 7470A**	**EPA 7470**	Analysis Date: **6/29/2007**	SeqNo: **1243227**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	10.692	0.20	10.00	0	107	70	130				

Sample ID: **092895-002A-MSD**	SampType: **MSD**	TestCode: **7470_W**	Units: **µg/L**	Prep Date: **6/26/2007**	RunNo: **81759**
Client ID: **ZZZZZZ**	Batch ID: **37447**	TestNo: **EPA 7470A**	**EPA 7470**	Analysis Date: **6/29/2007**	SeqNo: **1243228**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	10.638	0.20	10.00	0	106	70	130	10.69	0.506	20	

Sample ID: **LCS-37447**	SampType: **LCS**	TestCode: **7470_W**	Units: **µg/L**	Prep Date: **6/26/2007**	RunNo: **81759**
Client ID: **LCSW**	Batch ID: **37447**	TestNo: **EPA 7470A**	**EPA 7470**	Analysis Date: **6/29/2007**	SeqNo: **1243229**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	9.180	0.20	10.00	0	91.8	85	115				

Sample ID: **MB-37447**	SampType: **MBLK**	TestCode: **7470_W**	Units: **µg/L**	Prep Date: **6/26/2007**	RunNo: **81759**
Client ID: **PBW**	Batch ID: **37447**	TestNo: **EPA 7470A**	**EPA 7470**	Analysis Date: **6/29/2007**	SeqNo: **1243230**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.20									

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
  Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

June 20, 2007

Mike Conkle
Geocon Consultants, Inc.
3303 N. San Fernando Blvd., Suite 100
Burbank, CA 91504
TEL: (818) 841-8388
FAX: (818) 841-1704

ELAP No.: 1838
NELAP No.: 02107CA
NEVADA.: CA-401
Arizona: AZ0689
CSDLAC No.: 10196
Workorder No.: 092768

RE: RUNKLE CANYON, A8314-77-02

Attention: Mike Conkle

Enclosed are the results for sample(s) received on June 18, 2007 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Eddie F. Rodriguez
Laboratory Director

CLIENT: Geocon Consultants, Inc. **Lab Order:** 092768
Project: RUNKLE CANYON, A8314-77-02

Lab ID: 092768-001 **Collection Date:** 6/18/2007 9:30:00 AM
Client Sample ID: CREEK 1 **Matrix:** WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3010A			**EPA 6010B**		
RunID: ICP8_070619B	QC Batch: 37202			PrepDate: 6/19/2007		Analyst: **HF**
Arsenic	ND	0.010		mg/L	1	6/19/2007 04:05 PM
Chromium	0.022	0.0030		mg/L	1	6/19/2007 04:05 PM
PH						
				SM4500-H+B		
RunID: PH4_070618A	QC Batch: R81201			PrepDate:		Analyst: **FD**
pH	7.0	0.10	H	pH Units	1	6/18/2007

Lab ID: 092768-002 **Collection Date:** 6/18/2007 10:00:00 AM
Client Sample ID: CREEK 2 **Matrix:** WATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3010A			**EPA 6010B**		
RunID: ICP8_070619B	QC Batch: 37202			PrepDate: 6/19/2007		Analyst: **HF**
Arsenic	ND	0.010		mg/L	1	6/19/2007 04:22 PM
Chromium	ND	0.0030		mg/L	1	6/19/2007 04:22 PM
PH						
				SM4500-H+B		
RunID: PH4_070618A	QC Batch: R81201			PrepDate:		Analyst: **FD**
pH	7.7	0.10	H	pH Units	1	6/18/2007

Qualifiers:

B	Analyte detected in the associated Method Blank
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified
DO	Surrogate Diluted Out

CLIENT: Geocon Consultants, Inc.
Work Order: 092768
Project: RUNKLE CANYON, A8314-77-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 150.1_4500H+B_W

Sample ID: **092768-002ADUP** SampType: **DUP** TestCode: **150.1_4500H** Units: **pH Units** Prep Date: RunNo: **81201**
Client ID: **CREEK 2** Batch ID: **R81201** TestNo: **SM4500-H+B** Analysis Date: **6/18/2007** SeqNo: **1232399**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	7.800	0.10						7.740	0.772	10	H

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

CLIENT: Geocon Consultants, Inc.
Work Order: 092768
Project: RUNKLE CANYON, A8314-77-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

Sample ID: **MB-37202** SampType: **MBLK** TestCode: **6010_W** Units: **mg/L** Prep Date: **6/19/2007** RunNo: **81245**
Client ID: **PBW** Batch ID: **37202** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **6/19/2007** SeqNo: **1233207**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.010									
Chromium	ND	0.0030									

Sample ID: **LCS-37202** SampType: **LCS** TestCode: **6010_W** Units: **mg/L** Prep Date: **6/19/2007** RunNo: **81245**
Client ID: **LCSW** Batch ID: **37202** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **6/19/2007** SeqNo: **1233208**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	1.045	0.010	1.000	0	105	85	115				
Chromium	1.047	0.0030	1.000	0	105	85	115				

Sample ID: **092768-002BMS** SampType: **MS** TestCode: **6010_W** Units: **mg/L** Prep Date: **6/19/2007** RunNo: **81245**
Client ID: **CREEK 2** Batch ID: **37202** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **6/19/2007** SeqNo: **1233211**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	2.549	0.010	2.500	0	102	81	116				
Chromium	2.459	0.0030	2.500	0.001005	98.3	83	115				

Sample ID: **092768-002BMSD** SampType: **MSD** TestCode: **6010_W** Units: **mg/L** Prep Date: **6/19/2007** RunNo: **81245**
Client ID: **CREEK 2** Batch ID: **37202** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **6/19/2007** SeqNo: **1233212**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	2.597	0.010	2.500	0	104	81	116	2.549	1.85	20	
Chromium	2.491	0.0030	2.500	0.001005	99.6	83	115	2.459	1.30	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

CHAIN OF CUSTODY RECORD

Pg 1 of 1

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: 6/18/07

Method of Transport: Client ☐ ATL ☑ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt:
1. CHILLED Y☑ N☐ 4. SEALED Y☐ N☑
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☑ N☐
3. CONTAINER INTACT Y☑ N☐ 6. PRESERVED Y☑ N☐

Client: GGRP CORP
Attn: MIKE CONKLE
Address: 3305 N. SAN FERNANDO BLVD #100
City BURBANK State CA Zip Code 91504
TEL: (818) 841 8388
FAX: (818) 841 1708

Project Name: RUNKLE CANYON
Project #: A8314-77-02
Sampler: (Printed Name) (Signature)

Relinquished by: (Signature and Printed Name) _____ Date: 6/18/07 Time: 1445 Received by: (Signature and Printed Name) _____ Date: 6/18/07 Time: 1645

Relinquished by: (Signature and Printed Name) _____ Date: 6/18/07 Time: 1905 Received by: (Signature and Printed Name) _____ Date: 6/18/07 Time: 1905

Relinquished by: (Signature and Printed Name) _____ Date: Time: Received by: (Signature and Printed Name) _____ Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
MIKE CONKLE 6/18/07
Print Name Date
Signature

Send Report To:
Attn: MIKE CONKLE
Co: _____
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: _____
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
LAB TO FILTER METALS SAMPLES

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested: 8081A (Pesticides); 8082 (PCB); 8260B (Volatiles); 8270C (BNA); 6010B (Total Metal); 8015B (GRO) / 8020 (BTEX); 8015B (DRO); 8021 (BTEX); TITLE 22 / CAM 17 (6010 / 7000); ASBESTOS; CHROMIUM VI; 7471

SPECIFY APPROPRIATE MATRIX: SOIL; WATER; GROUND WATER; WASTEWATER

PRESERVATION

Q A / Q C: RTNE ☐ CT ☐ SWRCB ☐ Logcode ____ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	TAT	Container(s): #	Type	REMARKS
	092768-01	CREEK 1	6/18/07	930	C	2	P	X
	1 can	CREEK 2	1	1060	C	2	P	X

- TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

June 29, 2007

Mike Conkle
Geocon Consultants, Inc.
3303 N. San Fernando Blvd., Suite 100
Burbank, CA 91504
TEL: (818) 841-8388
FAX: (818) 841-1704

ELAP No.: 1838
NELAP No.: 02107CA
NEVADA.: CA-401
Arizona: AZ0689
CSDLAC No.: 10196
Workorder No.: 092895

RE: RUNKLE, A8413-77-02

Attention: Mike Conkle

Enclosed are the results for sample(s) received on June 26, 2007 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Eddie F. Rodriguez
Laboratory Director

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: *29-Jun-07*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	SW-1
Lab Order:	092895	**Collection Date:**	6/26/2007 9:40:00 AM
Project:	RUNKLE, A8413-77-02	**Matrix:**	WATER
Lab ID:	092895-001		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3010A			**EPA 6010B**		
RunID: ICP6_070627B	QC Batch: 37446			PrepDate:	6/26/2007	Analyst: **HF**
Antimony	ND	0.0050		mg/L	1	6/27/2007 01:30 PM
Arsenic	ND	0.010		mg/L	1	6/27/2007 01:30 PM
Barium	0.065	0.0030		mg/L	1	6/27/2007 01:30 PM
Beryllium	ND	0.0030		mg/L	1	6/27/2007 01:30 PM
Cadmium	ND	0.0030		mg/L	1	6/27/2007 01:30 PM
Chromium	ND	0.0030		mg/L	1	6/27/2007 01:30 PM
Cobalt	ND	0.0030		mg/L	1	6/27/2007 01:30 PM
Copper	ND	0.0050		mg/L	1	6/27/2007 01:30 PM
Lead	ND	0.0050		mg/L	1	6/27/2007 01:30 PM
Molybdenum	ND	0.0050		mg/L	1	6/27/2007 01:30 PM
Nickel	ND	0.0050		mg/L	1	6/27/2007 01:30 PM
Selenium	0.041	0.010		mg/L	1	6/27/2007 01:30 PM
Silver	ND	0.0030		mg/L	1	6/27/2007 01:30 PM
Thallium	ND	0.015		mg/L	1	6/27/2007 01:30 PM
Vanadium	ND	0.0030		mg/L	1	6/27/2007 01:30 PM
Zinc	0.015	0.010		mg/L	1	6/27/2007 01:30 PM
HYDROCARBON CHAIN IDENTIFICATION						
	EPA 3510C			**EPA 8015B(M)**		
RunID: GC7_BACK_070627A	QC Batch: 37451			PrepDate:	6/26/2007	Analyst: **CBR**
T/R Hydrocarbons: C8-C10	ND	0.20		mg/L	1	6/27/2007 11:48 AM
T/R Hydrocarbons: C10-C18	ND	0.20		mg/L	1	6/27/2007 11:48 AM
T/R Hydrocarbons: C18-C28	ND	0.20		mg/L	1	6/27/2007 11:48 AM
T/R Hydrocarbons: C28-C36	ND	0.20		mg/L	1	6/27/2007 11:48 AM
T/R Hydrocarbons: C36-C40	ND	0.20		mg/L	1	6/27/2007 11:48 AM
T/R Hydrocarbons: C8-C40 Total	ND	0.20		mg/L	1	6/27/2007 11:48 AM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7470			**EPA 7470A**		
RunID: AA5_070629A	QC Batch: 37447			PrepDate:	6/26/2007	Analyst: **JAR**
Mercury	ND	0.20		µg/L	1	6/29/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	SW-2
Lab Order:	092895	**Collection Date:**	6/26/2007 10:00:00 AM
Project:	RUNKLE, A8413-77-02	**Matrix:**	WATER
Lab ID:	092895-002		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3010A			**EPA 6010B**		
RunID: ICP6_070627B	QC Batch: 37446			PrepDate:	6/26/2007	Analyst: **HF**
Antimony	ND	0.0050		mg/L	1	6/27/2007 01:36 PM
Arsenic	ND	0.010		mg/L	1	6/27/2007 01:36 PM
Barium	0.67	0.0030		mg/L	1	6/27/2007 01:36 PM
Beryllium	0.0035	0.0030		mg/L	1	6/27/2007 01:36 PM
Cadmium	ND	0.0030		mg/L	1	6/27/2007 01:36 PM
Chromium	0.045	0.0030		mg/L	1	6/27/2007 01:36 PM
Cobalt	0.054	0.0030		mg/L	1	6/27/2007 01:36 PM
Copper	0.028	0.0050		mg/L	1	6/27/2007 01:36 PM
Lead	0.030	0.0050		mg/L	1	6/27/2007 01:36 PM
Molybdenum	ND	0.0050		mg/L	1	6/27/2007 01:36 PM
Nickel	0.040	0.0050		mg/L	1	6/27/2007 01:36 PM
Selenium	0.016	0.010		mg/L	1	6/27/2007 01:36 PM
Silver	ND	0.0030		mg/L	1	6/27/2007 01:36 PM
Thallium	ND	0.015		mg/L	1	6/27/2007 01:36 PM
Vanadium	0.17	0.0030		mg/L	1	6/27/2007 01:36 PM
Zinc	0.19	0.010		mg/L	1	6/27/2007 01:36 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7470			**EPA 7470A**		
RunID: AA5_070629A	QC Batch: 37447			PrepDate:	6/26/2007	Analyst: **JAR**
Mercury	ND	0.20		µg/L	1	6/29/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: *29-Jun-07*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	SS-1
Lab Order:	092895	**Collection Date:**	6/26/2007 9:45:00 AM
Project:	RUNKLE, A8413-77-02	**Matrix:**	SOIL
Lab ID:	092895-003		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_070627A	QC Batch: 37448			PrepDate:	6/26/2007	Analyst: **HF**
Antimony	ND	2.0		mg/Kg	1	6/27/2007 12:16 PM
Arsenic	ND	1.0		mg/Kg	1	6/27/2007 12:16 PM
Barium	21	1.0		mg/Kg	1	6/27/2007 12:16 PM
Beryllium	ND	1.0		mg/Kg	1	6/27/2007 12:16 PM
Cadmium	ND	1.0		mg/Kg	1	6/27/2007 12:16 PM
Chromium	6.1	1.0		mg/Kg	1	6/27/2007 12:16 PM
Cobalt	3.1	1.0		mg/Kg	1	6/27/2007 12:16 PM
Copper	4.9	2.0		mg/Kg	1	6/27/2007 12:16 PM
Lead	1.8	1.0		mg/Kg	1	6/27/2007 12:16 PM
Molybdenum	ND	1.0		mg/Kg	1	6/27/2007 12:16 PM
Nickel	3.7	1.0		mg/Kg	1	6/27/2007 12:16 PM
Selenium	ND	1.0		mg/Kg	1	6/27/2007 12:16 PM
Silver	ND	1.0		mg/Kg	1	6/27/2007 12:16 PM
Thallium	ND	1.0		mg/Kg	1	6/27/2007 12:16 PM
Vanadium	16	1.0		mg/Kg	1	6/27/2007 12:16 PM
Zinc	18	1.0		mg/Kg	1	6/27/2007 12:16 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_070628A	QC Batch: 37449			PrepDate:	6/27/2007	Analyst: **JAR**
Mercury	ND	0.10		mg/Kg	1	6/28/2007

Qualifiers:

B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out
E	Value above quantitation range
ND	Not Detected at the Reporting Limit
	Results are wet unless otherwise specified

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: *29-Jun-07*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	SS-1A
Lab Order:	092895	**Collection Date:**	6/26/2007 9:45:00 AM
Project:	RUNKLE, A8413-77-02	**Matrix:**	SOIL
Lab ID:	092895-004		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_070627A	QC Batch: 37448			PrepDate:	6/26/2007	Analyst: **HF**
Antimony	ND	2.0		mg/Kg	1	6/27/2007 12:22 PM
Arsenic	1.3	1.0		mg/Kg	1	6/27/2007 12:22 PM
Barium	29	1.0		mg/Kg	1	6/27/2007 12:22 PM
Beryllium	ND	1.0		mg/Kg	1	6/27/2007 12:22 PM
Cadmium	ND	1.0		mg/Kg	1	6/27/2007 12:22 PM
Chromium	8.0	1.0		mg/Kg	1	6/27/2007 12:22 PM
Cobalt	4.2	1.0		mg/Kg	1	6/27/2007 12:22 PM
Copper	6.1	2.0		mg/Kg	1	6/27/2007 12:22 PM
Lead	2.6	1.0		mg/Kg	1	6/27/2007 12:22 PM
Molybdenum	ND	1.0		mg/Kg	1	6/27/2007 12:22 PM
Nickel	4.5	1.0		mg/Kg	1	6/27/2007 12:22 PM
Selenium	ND	1.0		mg/Kg	1	6/27/2007 12:22 PM
Silver	ND	1.0		mg/Kg	1	6/27/2007 12:22 PM
Thallium	ND	1.0		mg/Kg	1	6/27/2007 12:22 PM
Vanadium	23	1.0		mg/Kg	1	6/27/2007 12:22 PM
Zinc	25	1.0		mg/Kg	1	6/27/2007 12:22 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_070628A	QC Batch: 37449			PrepDate:	6/27/2007	Analyst: **JAR**
Mercury	ND	0.10		mg/Kg	1	6/28/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: *29-Jun-07*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	SS-2
Lab Order:	092895	**Collection Date:**	6/26/2007 10:10:00 AM
Project:	RUNKLE, A8413-77-02	**Matrix:**	SOIL
Lab ID:	092895-005		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_070627A	QC Batch: 37448			PrepDate:	6/26/2007	Analyst: **HF**
Antimony	ND	2.0		mg/Kg	1	6/27/2007 12:28 PM
Arsenic	1.5	1.0		mg/Kg	1	6/27/2007 12:28 PM
Barium	38	1.0		mg/Kg	1	6/27/2007 12:28 PM
Beryllium	ND	1.0		mg/Kg	1	6/27/2007 12:28 PM
Cadmium	ND	1.0		mg/Kg	1	6/27/2007 12:28 PM
Chromium	13	1.0		mg/Kg	1	6/27/2007 12:28 PM
Cobalt	5.9	1.0		mg/Kg	1	6/27/2007 12:28 PM
Copper	9.2	2.0		mg/Kg	1	6/27/2007 12:28 PM
Lead	2.9	1.0		mg/Kg	1	6/27/2007 12:28 PM
Molybdenum	ND	1.0		mg/Kg	1	6/27/2007 12:28 PM
Nickel	6.8	1.0		mg/Kg	1	6/27/2007 12:28 PM
Selenium	ND	1.0		mg/Kg	1	6/27/2007 12:28 PM
Silver	ND	1.0		mg/Kg	1	6/27/2007 12:28 PM
Thallium	ND	1.0		mg/Kg	1	6/27/2007 12:28 PM
Vanadium	37	1.0		mg/Kg	1	6/27/2007 12:28 PM
Zinc	32	1.0		mg/Kg	1	6/27/2007 12:28 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_070628A	QC Batch: 37449			PrepDate:	6/27/2007	Analyst: **JAR**
Mercury	ND	0.10		mg/Kg	1	6/28/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: *29-Jun-07*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	SS-3
Lab Order:	092895	**Collection Date:**	6/26/2007 10:20:00 AM
Project:	RUNKLE, A8413-77-02	**Matrix:**	SOIL
Lab ID:	092895-006		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_070627A	QC Batch: 37448			PrepDate:	6/26/2007	Analyst: **HF**
Antimony	ND	2.0		mg/Kg	1	6/27/2007 12:45 PM
Arsenic	1.1	1.0		mg/Kg	1	6/27/2007 12:45 PM
Barium	27	1.0		mg/Kg	1	6/27/2007 12:45 PM
Beryllium	ND	1.0		mg/Kg	1	6/27/2007 12:45 PM
Cadmium	ND	1.0		mg/Kg	1	6/27/2007 12:45 PM
Chromium	7.7	1.0		mg/Kg	1	6/27/2007 12:45 PM
Cobalt	4.4	1.0		mg/Kg	1	6/27/2007 12:45 PM
Copper	6.1	2.0		mg/Kg	1	6/27/2007 12:45 PM
Lead	3.6	1.0		mg/Kg	1	6/27/2007 12:45 PM
Molybdenum	ND	1.0		mg/Kg	1	6/27/2007 12:45 PM
Nickel	5.2	1.0		mg/Kg	1	6/27/2007 12:45 PM
Selenium	ND	1.0		mg/Kg	1	6/27/2007 12:45 PM
Silver	ND	1.0		mg/Kg	1	6/27/2007 12:45 PM
Thallium	ND	1.0		mg/Kg	1	6/27/2007 12:45 PM
Vanadium	24	1.0		mg/Kg	1	6/27/2007 12:45 PM
Zinc	26	1.0		mg/Kg	1	6/27/2007 12:45 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_070628A	QC Batch: 37449			PrepDate:	6/27/2007	Analyst: **JAR**
Mercury	ND	0.10		mg/Kg	1	6/28/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT: Geocon Consultants, Inc.
Work Order: 092895
Project: RUNKLE, A8413-77-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: **MB-37448** SampType: **MBLK** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **6/26/2007** RunNo: **81626**
Client ID: **PBS** Batch ID: **37448** TestNo: **EPA 6010B** **EPA 3050B** Analysis Date: **6/27/2007** SeqNo: **1240809**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	2.0									
Arsenic	ND	1.0									
Barium	ND	1.0									
Beryllium	ND	1.0									
Cadmium	ND	1.0									
Chromium	ND	1.0									
Cobalt	ND	1.0									
Copper	ND	2.0									
Lead	ND	1.0									
Molybdenum	ND	1.0									
Nickel	ND	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									
Thallium	ND	1.0									
Vanadium	ND	1.0									
Zinc	ND	1.0									

Sample ID: **LCS-37448** SampType: **LCS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **6/26/2007** RunNo: **81626**
Client ID: **LCSS** Batch ID: **37448** TestNo: **EPA 6010B** **EPA 3050B** Analysis Date: **6/27/2007** SeqNo: **1240810**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	53.301	2.0	50.00	0	107	80	120				
Arsenic	51.730	1.0	50.00	0	103	80	120				
Barium	55.151	1.0	50.00	0	110	80	120				
Beryllium	54.362	1.0	50.00	0	109	80	120				
Cadmium	54.529	1.0	50.00	0	109	80	120				
Chromium	56.252	1.0	50.00	0	113	80	120				
Cobalt	54.858	1.0	50.00	0	110	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

CLIENT: Geocon Consultants, Inc.
Work Order: 092895
Project: RUNKLE, A8413-77-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: **LCS-37448** SampType: **LCS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **6/26/2007** RunNo: **81626**
Client ID: **LCSS** Batch ID: **37448** TestNo: **EPA 6010B** **EPA 3050B** Analysis Date: **6/27/2007** SeqNo: **1240810**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	56.846	2.0	50.00	0	114	80	120				
Lead	54.953	1.0	50.00	0	110	80	120				
Molybdenum	56.541	1.0	50.00	0	113	80	120				
Nickel	54.532	1.0	50.00	0	109	80	120				
Selenium	52.759	1.0	50.00	0	106	80	120				
Silver	52.055	1.0	50.00	0	104	80	120				
Thallium	54.071	1.0	50.00	0	108	80	120				
Vanadium	56.563	1.0	50.00	0	113	80	120				
Zinc	53.870	1.0	50.00	0	108	80	120				

Sample ID: **092895-006AMS** SampType: **MS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **6/26/2007** RunNo: **81626**
Client ID: **SS-3** Batch ID: **37448** TestNo: **EPA 6010B** **EPA 3050B** Analysis Date: **6/27/2007** SeqNo: **1240820**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	93.515	2.0	125.0	0	74.8	24	110				
Arsenic	102.131	1.0	125.0	1.074	80.8	61	104				
Barium	139.014	1.0	125.0	27.34	89.3	35	135				
Beryllium	108.159	1.0	125.0	0	86.5	64	104				
Cadmium	106.677	1.0	125.0	0	85.3	65	106				
Chromium	117.076	1.0	125.0	7.675	87.5	47	122				
Cobalt	106.567	1.0	125.0	4.394	81.7	55	111				
Copper	126.439	2.0	125.0	6.149	96.2	52	132				
Lead	105.813	1.0	125.0	3.551	81.8	37	128				
Molybdenum	109.059	1.0	125.0	0	87.2	58	108				
Nickel	112.306	1.0	125.0	5.202	85.7	48	120				
Selenium	101.480	1.0	125.0	0	81.2	57	105				
Silver	105.828	1.0	125.0	0.3676	84.4	44	116				
Thallium	97.894	1.0	125.0	0	78.3	55	103				
Vanadium	137.474	1.0	125.0	24.25	90.6	57	116				
Zinc	134.935	1.0	125.0	25.57	87.5	41	120				

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

Calculations are based on raw values

CLIENT: Geocon Consultants, Inc.
Work Order: 092895
Project: RUNKLE, A8413-77-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: **092895-006AMSD** SampType: **MSD** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **6/26/2007** RunNo: **81626**
Client ID: **SS-3** Batch ID: **37448** TestNo: **EPA 6010B** **EPA 3050B** Analysis Date: **6/27/2007** SeqNo: **1240821**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	105.441	2.0	125.0	0	84.4	24	110	93.51	12.0	20	
Arsenic	112.225	1.0	125.0	1.074	88.9	61	104	102.1	9.42	20	
Barium	145.569	1.0	125.0	27.34	94.6	35	135	139.0	4.61	20	
Beryllium	117.952	1.0	125.0	0	94.4	64	104	108.2	8.66	20	
Cadmium	116.497	1.0	125.0	0	93.2	65	106	106.7	8.80	20	
Chromium	125.671	1.0	125.0	7.675	94.4	47	122	117.1	7.08	20	
Cobalt	115.002	1.0	125.0	4.394	88.5	55	111	106.6	7.61	20	
Copper	135.830	2.0	125.0	6.149	104	52	132	126.4	7.16	20	
Lead	116.298	1.0	125.0	3.551	90.2	37	128	105.8	9.44	20	
Molybdenum	119.070	1.0	125.0	0	95.3	58	108	109.1	8.78	20	
Nickel	121.137	1.0	125.0	5.202	92.7	48	120	112.3	7.57	20	
Selenium	110.641	1.0	125.0	0	88.5	57	105	101.5	8.64	20	
Silver	116.526	1.0	125.0	0.3676	92.9	44	116	105.8	9.62	20	
Thallium	108.169	1.0	125.0	0	86.5	55	103	97.89	9.97	20	
Vanadium	146.364	1.0	125.0	24.25	97.7	57	116	137.5	6.26	20	
Zinc	153.514	1.0	125.0	25.57	102	41	120	134.9	12.9	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
  Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Geocon Consultants, Inc.
Work Order: 092895
Project: RUNKLE, A8413-77-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

Sample ID: **MB-37446**	SampType: **MBLK**	TestCode: **6010_W**	Units: **mg/L**	Prep Date: **6/26/2007**	RunNo: **81627**
Client ID: **PBW**	Batch ID: **37446**	TestNo: **EPA 6010B**	**EPA 3010A**	Analysis Date: **6/27/2007**	SeqNo: **1240822**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.0050									
Arsenic	ND	0.010									
Barium	ND	0.0030									
Beryllium	ND	0.0030									
Cadmium	ND	0.0030									
Chromium	ND	0.0030									
Cobalt	ND	0.0030									
Copper	ND	0.0050									
Lead	ND	0.0050									
Molybdenum	ND	0.0050									
Nickel	ND	0.0050									
Selenium	ND	0.010									
Silver	ND	0.0030									
Thallium	ND	0.015									
Vanadium	ND	0.0030									
Zinc	ND	0.010									

Sample ID: **LCS-37446**	SampType: **LCS**	TestCode: **6010_W**	Units: **mg/L**	Prep Date: **6/26/2007**	RunNo: **81627**
Client ID: **LCSW**	Batch ID: **37446**	TestNo: **EPA 6010B**	**EPA 3010A**	Analysis Date: **6/27/2007**	SeqNo: **1240823**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	1.038	0.0050	1.000	0	104	85	115				
Arsenic	1.012	0.010	1.000	0	101	85	115				
Barium	1.062	0.0030	1.000	0	106	85	115				
Beryllium	1.060	0.0030	1.000	0	106	85	115				
Cadmium	1.071	0.0030	1.000	0	107	85	115				
Chromium	1.066	0.0030	1.000	0	107	85	115				
Cobalt	1.067	0.0030	1.000	0	107	85	115				
Copper	1.076	0.0050	1.000	0	108	85	115				
Lead	1.074	0.0050	1.000	0	107	85	115				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

CLIENT: Geocon Consultants, Inc.
Work Order: 092895
Project: RUNKLE, A8413-77-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

Sample ID: **LCS-37446**	SampType: **LCS**	TestCode: **6010_W**	Units: **mg/L**	Prep Date: **6/26/2007**	RunNo: **81627**
Client ID: **LCSW**	Batch ID: **37446**	TestNo: **EPA 6010B**	**EPA 3010A**	Analysis Date: **6/27/2007**	SeqNo: **1240823**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	1.068	0.0050	1.000	0	107	85	115				
Nickel	1.069	0.0050	1.000	0	107	85	115				
Selenium	1.045	0.010	1.000	0	104	85	115				
Silver	1.011	0.0030	1.000	0	101	85	115				
Thallium	1.054	0.015	1.000	0	105	85	115				
Vanadium	1.071	0.0030	1.000	0	107	85	115				
Zinc	1.061	0.010	1.000	0	106	85	115				

Sample ID: **092895-002AMS**	SampType: **MS**	TestCode: **6010_W**	Units: **mg/L**	Prep Date: **6/26/2007**	RunNo: **81627**
Client ID: **SW-2**	Batch ID: **37446**	TestNo: **EPA 6010B**	**EPA 3010A**	Analysis Date: **6/27/2007**	SeqNo: **1240828**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2.353	0.0050	2.500	0	94.1	83	117				
Arsenic	2.363	0.010	2.500	0	94.5	81	116				
Barium	2.942	0.0030	2.500	0.6737	90.7	63	132				
Beryllium	2.479	0.0030	2.500	0.003549	99.0	85	114				
Cadmium	2.372	0.0030	2.500	0.001279	94.8	83	115				
Chromium	2.362	0.0030	2.500	0.04509	92.7	83	115				
Cobalt	2.203	0.0030	2.500	0.05365	86.0	83	116				
Copper	2.567	0.0050	2.500	0.02821	102	85	118				
Lead	2.210	0.0050	2.500	0.02974	87.2	82	113				
Molybdenum	2.440	0.0050	2.500	0	97.6	86	115				
Nickel	2.314	0.0050	2.500	0.04008	91.0	86	113				
Selenium	2.344	0.010	2.500	0.01614	93.1	80	115				
Silver	2.411	0.0030	2.500	0	96.4	40	140				
Thallium	2.105	0.015	2.500	0	84.2	82	113				
Vanadium	2.571	0.0030	2.500	0.1743	95.8	86	114				
Zinc	2.349	0.010	2.500	0.1886	86.4	81	116				

Qualifiers:

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

Calculations are based on raw values

CLIENT: Geocon Consultants, Inc.
Work Order: 092895
Project: RUNKLE, A8413-77-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

Sample ID: **092895-002AMSD** SampType: **MSD** TestCode: **6010_W** Units: **mg/L** Prep Date: **6/26/2007** RunNo: **81627**
Client ID: **SW-2** Batch ID: **37446** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **6/27/2007** SeqNo: **1240829**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2.347	0.0050	2.500	0	93.9	83	117	2.353	0.267	20	
Arsenic	2.348	0.010	2.500	0	93.9	81	116	2.363	0.667	20	
Barium	2.957	0.0030	2.500	0.6737	91.3	63	132	2.942	0.523	20	
Beryllium	2.479	0.0030	2.500	0.003549	99.0	85	114	2.479	0.0179	20	
Cadmium	2.357	0.0030	2.500	0.001279	94.2	83	115	2.372	0.644	20	
Chromium	2.353	0.0030	2.500	0.04509	92.3	83	115	2.362	0.409	20	
Cobalt	2.190	0.0030	2.500	0.05365	85.5	83	116	2.203	0.580	20	
Copper	2.574	0.0050	2.500	0.02821	102	85	118	2.567	0.286	20	
Lead	2.197	0.0050	2.500	0.02974	86.7	82	113	2.210	0.604	20	
Molybdenum	2.429	0.0050	2.500	0	97.2	86	115	2.440	0.440	20	
Nickel	2.304	0.0050	2.500	0.04008	90.6	86	113	2.314	0.436	20	
Selenium	2.321	0.010	2.500	0.01614	92.2	80	115	2.344	0.984	20	
Silver	2.400	0.0030	2.500	0	96.0	40	140	2.411	0.453	20	
Thallium	2.091	0.015	2.500	0	83.6	82	113	2.105	0.688	20	
Vanadium	2.566	0.0030	2.500	0.1743	95.7	86	114	2.571	0.157	20	
Zinc	2.328	0.010	2.500	0.1886	85.6	81	116	2.349	0.917	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
  Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Geocon Consultants, Inc.
Work Order: 092895
Project: RUNKLE, A8413-77-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 7470_W

Sample ID: **092895-002A-MS**	SampType: **MS**	TestCode: **7470_W**	Units: **µg/L**	Prep Date: **6/26/2007**	RunNo: **81759**
Client ID: **SW-2**	Batch ID: **37447**	TestNo: **EPA 7470A**	**EPA 7470**	Analysis Date: **6/29/2007**	SeqNo: **1243227**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	10.692	0.20	10.00	0	107	70	130				

Sample ID: **092895-002A-MSD**	SampType: **MSD**	TestCode: **7470_W**	Units: **µg/L**	Prep Date: **6/26/2007**	RunNo: **81759**
Client ID: **SW-2**	Batch ID: **37447**	TestNo: **EPA 7470A**	**EPA 7470**	Analysis Date: **6/29/2007**	SeqNo: **1243228**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	10.638	0.20	10.00	0	106	70	130	10.69	0.506	20	

Sample ID: **LCS-37447**	SampType: **LCS**	TestCode: **7470_W**	Units: **µg/L**	Prep Date: **6/26/2007**	RunNo: **81759**
Client ID: **LCSW**	Batch ID: **37447**	TestNo: **EPA 7470A**	**EPA 7470**	Analysis Date: **6/29/2007**	SeqNo: **1243229**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	9.180	0.20	10.00	0	91.8	85	115				

Sample ID: **MB-37447**	SampType: **MBLK**	TestCode: **7470_W**	Units: **µg/L**	Prep Date: **6/26/2007**	RunNo: **81759**
Client ID: **PBW**	Batch ID: **37447**	TestNo: **EPA 7470A**	**EPA 7470**	Analysis Date: **6/29/2007**	SeqNo: **1243230**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.20									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

CLIENT: Geocon Consultants, Inc.
Work Order: 092895
Project: RUNKLE, A8413-77-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 7471_S

Sample ID: **092895-006A-MS**	SampType: **MS**	TestCode: **7471_S**	Units: **mg/Kg**	Prep Date: **6/27/2007**	RunNo: **81663**
Client ID: **SS-3**	Batch ID: **37449**	TestNo: **EPA 7471A**	**EPA 7471**	Analysis Date: **6/28/2007**	SeqNo: **1241687**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.856	0.10	0.8300	0	103	58	168				

Sample ID: **092895-006A-MSD**	SampType: **MSD**	TestCode: **7471_S**	Units: **mg/Kg**	Prep Date: **6/27/2007**	RunNo: **81663**
Client ID: **SS-3**	Batch ID: **37449**	TestNo: **EPA 7471A**	**EPA 7471**	Analysis Date: **6/28/2007**	SeqNo: **1241688**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.872	0.10	0.8300	0	105	58	168	0.8558	1.92	20	

Sample ID: **LCS-37449**	SampType: **LCS**	TestCode: **7471_S**	Units: **mg/Kg**	Prep Date: **6/27/2007**	RunNo: **81663**
Client ID: **LCSS**	Batch ID: **37449**	TestNo: **EPA 7471A**	**EPA 7471**	Analysis Date: **6/28/2007**	SeqNo: **1241689**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.857	0.10	0.8300	0	103	80	120				

Sample ID: **MB-37449**	SampType: **MBLK**	TestCode: **7471_S**	Units: **mg/Kg**	Prep Date: **6/27/2007**	RunNo: **81663**
Client ID: **PBS**	Batch ID: **37449**	TestNo: **EPA 7471A**	**EPA 7471**	Analysis Date: **6/28/2007**	SeqNo: **1241690**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

CLIENT: Geocon Consultants, Inc.
Work Order: 092895
Project: RUNKLE, A8413-77-02

ANALYTICAL QC SUMMARY REPORT

BatchID: 37451

Sample ID: **MB-37451**	SampType: **MBLK**	TestCode: **8015_W_DM**	Units: **mg/L**	Prep Date: **6/26/2007**	RunNo: **81617**
Client ID: **PBW**	Batch ID: **37451**	TestNo: **EPA 8015B(M**	**EPA 3510C**	Analysis Date: **6/27/2007**	SeqNo: **1240627**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	ND	0.20									
ORO	ND	0.20									

Sample ID: **LCS-37451**	SampType: **LCS**	TestCode: **8015_W_DM**	Units: **mg/L**	Prep Date: **6/26/2007**	RunNo: **81617**
Client ID: **LCSW**	Batch ID: **37451**	TestNo: **EPA 8015B(M**	**EPA 3510C**	Analysis Date: **6/27/2007**	SeqNo: **1240628**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	0.725	0.20	1.000	0	72.5	44	123				

Sample ID: **MB-37451MS**	SampType: **MS**	TestCode: **8015_W_DM**	Units: **mg/L**	Prep Date: **6/26/2007**	RunNo: **81617**
Client ID: **ZZZZZZ**	Batch ID: **37451**	TestNo: **EPA 8015B(M**	**EPA 3510C**	Analysis Date: **6/27/2007**	SeqNo: **1240629**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	0.743	0.20	1.000	0	74.3	44	123				

Sample ID: **MB-37451MSD**	SampType: **MSD**	TestCode: **8015_W_DM**	Units: **mg/L**	Prep Date: **6/26/2007**	RunNo: **81617**
Client ID: **ZZZZZZ**	Batch ID: **37451**	TestNo: **EPA 8015B(M**	**EPA 3510C**	Analysis Date: **6/27/2007**	SeqNo: **1240630**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	0.733	0.20	1.000	0	73.3	44	123	0.7434	1.37	30	

Sample ID: **MB-37451**	SampType: **MBLK**	TestCode: **8015_W_DSL**	Units: **mg/L**	Prep Date: **6/26/2007**	RunNo: **81617**
Client ID: **PBW**	Batch ID: **37451**	TestNo: **EPA 8015B(M**	**EPA 3510C**	Analysis Date: **6/27/2007**	SeqNo: **1241740**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	ND	0.050									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

CLIENT: Geocon Consultants, Inc.
Work Order: 092895
Project: RUNKLE, A8413-77-02

ANALYTICAL QC SUMMARY REPORT

BatchID: 37451

Sample ID: **LCS-37451**	SampType: **LCS**	TestCode: **8015_W_DSL**	Units: **mg/L**	Prep Date: **6/26/2007**	RunNo: **81617**
Client ID: **LCSW**	Batch ID: **37451**	TestNo: **EPA 8015B(M**	**EPA 3510C**	Analysis Date: **6/27/2007**	SeqNo: **1241741**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	0.725	0.050	1.000	0	72.5	44	123				

Sample ID: **MB-37451MS**	SampType: **MS**	TestCode: **8015_W_DSL**	Units: **mg/L**	Prep Date: **6/26/2007**	RunNo: **81617**
Client ID: **ZZZZZZ**	Batch ID: **37451**	TestNo: **EPA 8015B(M**	**EPA 3510C**	Analysis Date: **6/27/2007**	SeqNo: **1241742**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	0.743	0.050	1.000	0	74.3	44	123				

Sample ID: **MB-37451MSD**	SampType: **MSD**	TestCode: **8015_W_DSL**	Units: **mg/L**	Prep Date: **6/26/2007**	RunNo: **81617**
Client ID: **ZZZZZZ**	Batch ID: **37451**	TestNo: **EPA 8015B(M**	**EPA 3510C**	Analysis Date: **6/27/2007**	SeqNo: **1241743**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	0.733	0.050	1.000	0	73.3	44	123	0.7434	1.37	30	

Sample ID: **MB-37451**	SampType: **MBLK**	TestCode: **HC_W_ATL**	Units: **mg/L**	Prep Date: **6/26/2007**	RunNo: **81617**
Client ID: **PBW**	Batch ID: **37451**	TestNo: **EPA 8015B(M**	**EPA 3510C**	Analysis Date: **6/27/2007**	SeqNo: **1240651**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
T/R Hydrocarbons: C8-C10	ND	0.20									
T/R Hydrocarbons: C10-C18	ND	0.20									
T/R Hydrocarbons: C18-C28	ND	0.20									
T/R Hydrocarbons: C28-C36	ND	0.20									
T/R Hydrocarbons: C36-C40	ND	0.20									
T/R Hydrocarbons: C8-C40 Total	ND	0.20									

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits

Calculations are based on raw values

- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CHAIN OF CUSTODY RECORD

Pg _____ of _____

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____
Logged By: [illegible] Date: 6/26/07

Method of Transport: Client ☐ ATL ☑ CA OverN ☐ FEDEX ☐ Other: _____

Sample Condition Upon Receipt:
1. CHILLED Y☑ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☑ N☐
3. CONTAINER INTACT Y☑ N☐ 6. PRESERVED Y☐ N☑

Client: GEOCON
Attn:
Address: 3303 N. SAN FERNANDO BLVD
City BURBANK State CA Zip Code 91506
TEL: (818) 841-8388
FAX: (818) 841-1704

Project Name: ROWLEY
Project #: A8403-07-02
Sampler: M. CONKLE (Printed Name) (Signature)

Relinquished by: (Signature and Printed Name)	Date: 6/26/07	Time: 1215	Received by: (Signature and Printed Name)	Date: 6/26/07	Time: 1215
Relinquished by: (Signature and Printed Name)	Date: 6/26/07	Time: 1530	Received by: (Signature and Printed Name)	Date: 6/26/07	Time: 1615
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
M. CONKLE Print Name 6/26/07 Date
Signature

Send Report To:
Attn: _____
Co: _____
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: _____
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
WATER SAMPLES ARE TO BE FILTERED AND PRESERVED BY LAB. (METALS ONLY)

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / 8020 (BTEX)	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	TPH ex (C8-40)	ARSENIC	SOIL	WATER	GROUND WATER	WASTEWATER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	092895-1	SW-1	6/26	940									X	X			X				B	2			
	-2	SW-2		1000										X			X					1			
	-3	SS-1		935										X		X						1			
	-4	SS-1A		945										X		X						1			
	-5	SS-2		1010										X		X						1			
	-6	SS-3		1020										X		X						1			

QA/QC: RTNE ☐ CT ☐ SWRCB ☐ Logcode ____ OTHER ____

- TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.