Attorney Client Communication
Attorney Work Product Communication
Privileged and Confidential

Project No. A8314-77-02
July 13, 2007

VIA E-MAIL

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

Attention: Legal Department

Subject: RUNKLE CANYON
SIMI VALLEY, CALIFORNIA
RESULTS OF JULY 2, 2007 SURFACE WATER AND SOIL SAMPLING

Ladies and Gentlemen:

In accordance with your request on behalf of Runkle Canyon, LLC (the Client), Geocon Consultants, Inc. has performed surface water sampling and analysis 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

In May 2007 a group of Simi Valley residents reportedly collected and analyzed soil and water samples from within Runkle Canyon. They reported their findings to the City of Simi Valley (the City) claiming that elevated concentrations of arsenic, nickel, and vanadium were reported in the samples. The group also claimed that the water was caustic and caused "chemical gloves" to bubble. On July 2, 2007 the group of residents directed representatives of Runkle Canyon, LLC and the City of Simi Valley to the location from which they had collected the samples. The objective of the trip was to provide an opportunity for the City of Simi Valley to collect and analyze samples of the materials. We were retained by Runkle Canyon, LLC to collect duplicate samples of the material and to evaluate the results. The scope of services performed for this investigation included collecting and analyzing duplicates samples of the water and soil collected by the City.

Sampling Activities

Mr. Ron Lovato, a sampling technician with Pat-Chem Laboratories of Moorpark, California (Pat-Chem), collected the following three samples from areas indicated by the residents as the locations from which they had collected the samples in May:

- A water sample (labeled "Downstream") from the stream channel in the Fish Tail area of the Site (GPS coordinates: N. 34.23515, W. 118.73397),
- A water sample (labeled "Upstream") from the stream channel on the east side of the road south of the Fish Tail area (GPS coordinates: N. 34.23213, W. 118.73253), and
- A soil sample (labeled "Top Soil Sample") from an area of reddish soil on the west side of the road, approximately 100 feet north of the "Upstream" location.

The water samples collected by Mr. Lovato were obtained by filling a Teflon® beaker with water from the stream. The unfiltered water was then decanted into three poly bottles, preserved with nitric acid, provided by Pat-Chem. One of the full bottles was then provided to Geocon to submit for analysis on behalf of Runkle Canyon, LLC, one was provided to Mr. James Steele, of Tetra Tech, to submit for analysis on behalf of the City of Simi Valley, the third was retained by Pat-Chem Laboratories. The soil sample collected by Mr. Lovato was placed into a new re-sealable plastic bag. The soil within the bag was then homogenized by shaking the bag. The homogenized material was then poured into three glass jars provided by Pat-Chem. One jar each was then distributed to Geocon and Teta Tech and the third was retained by Pat-Chem.

We collected additional samples from each of the water sample locations sampled by Pat-Chem. At each location we collected a sample of the water and the saturated sediment beneath the stream surface (labeled "Downstream A," and "Upstream A"). Water samples were obtained by filling the laboratory provided unpreserved, poly bottles directly from the stream. The sediment sample was collected by scooping the soil directly from the stream bed with a laboratory provided glass jar.

After collection, all of 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 samples we collected and the split samples collected by Pat-Chem were submitted to Advanced Technologies Laboratory, a NELAC accredited laboratory, located in Signal Hill, California for analysis. The laboratory was directed to filter and preserve the water samples we collected ("Downstream A," and "Upstream A") upon receipt. All of the samples were submitted for analysis of California Code of Regulations Title 22 metals by EPA Test Method 6010B/7470A.

In addition, the pH of the water in the stream was measured at each of the water sample locations by both Pat-Chem and Geocon using separate electronic pH meters.

The sample locations are shown on the attached sample location map provided as Figure 2.

Summary of Results

Water Results

None of the four water samples submitted were reported to contain concentrations of arsenic equal to or greater than the laboratory reporting limit of 0.010 milligrams per liter (mg/l). Barium was reported for all of the samples at concentrations ranging from 0.042 mg/l to 0.23 mg/l. Chromium was reported for one of the samples we collected, Upstream A, at a concentration equal to the laboratory reporting limit of 0.003 mg/l. Cobalt was reported for both of the samples collected by Pat-Chem at concentrations of 0.0095 mg/l and 0.0075 mg/l for samples Upstream and Downstream, respectively. Copper and lead were reported for the Upstream sample collected by Pat-Chem at concentrations of 0.0057 and 0.0058 mg/l, respectively. Nickel was reported for all four of the samples at concentrations ranging from 0.0097 mg/l to 0.046 mg/l. Vanadium was reported for both of the samples collected by Pat-Chem at concentrations of 0.017 mg/l and 0.0063 mg/l for samples Upstream and Downstream, respectively. Zinc was reported for all of the samples at concentrations ranging from 0.043 mg/l to 0.076 mg/l. None of the other metals tested were reported for the water samples at concentrations equal to or greater than their laboratory reporting limits. The pH of the stream water recorded by the field instruments used by Pat-Chem and Geocon ranged from 6.97 to 7.17.

Soil Results

Barium, chromium, cobalt, copper, lead, nickel, vanadium, and zinc were reported for all three of the soil samples analyzed. Arsenic was reported for two of the soil samples, "Downstream A" and "Top Soil" at concentrations of 1.3 milligrams per kilogram (mg/kg) and 7.3 mg/kg, respectively.

The pH of the stream water recorded by the field instruments used by Pat-Chem and Geocon ranged from 6.97 to 7.17.

The analytical results are summarized in Table 1. The laboratory analytical reports and chain-of-custody documentation are attached.

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 from the Site on July 2, 2007 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 a water purveyor is required to notify the local government agency. Further if a Notification Level is exceeded 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 analyzed for which there is an established Notification Level. The concentrations of vanadium reported in the two water samples collected by Pat-Chem were less than the Notification Level of 0.05 mg/l.

Soil Results

The concentrations of metals reported in 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. With the exception of arsenic, no other metals were reported at concentrations exceeding their respective CHHSLs. The CHHSL for each of the metals analyzed is provided on the attached Table 1.

Concentrations of arsenic exceeding the CHHSL for arsenic were reported for two of the soil samples collected at the Site. 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. However, at cleanup sites where metals have been identified as potential contaminates of concern, the Cal-EPA recommends that background concentrations of arsenic or other metals of potential concern at a site be determined from analysis of soil samples collected from areas that were not developed or used and are therefore unlikely to have been impacted by potential anthropogenic sources of arsenic.

Conclusions

Concentrations of metals exceeding MCLs or Notification Levels were not reported for any of the water samples collected during this investigation. Concentrations of arsenic exceeding CHHSLs were reported in two 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, 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.

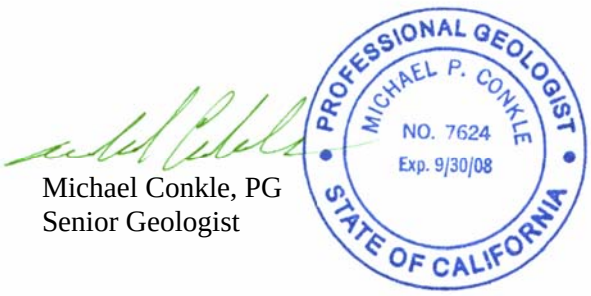
The Client should recognize that this report is not a comprehensive site characterization and should not be construed as such. The findings and conclusions as presented in this report are predicated on the results of the limited soil sampling and laboratory analyses performed, based on the scope of services 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.

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

Sincerely,

GEOCON CONSULTANTS, INC.



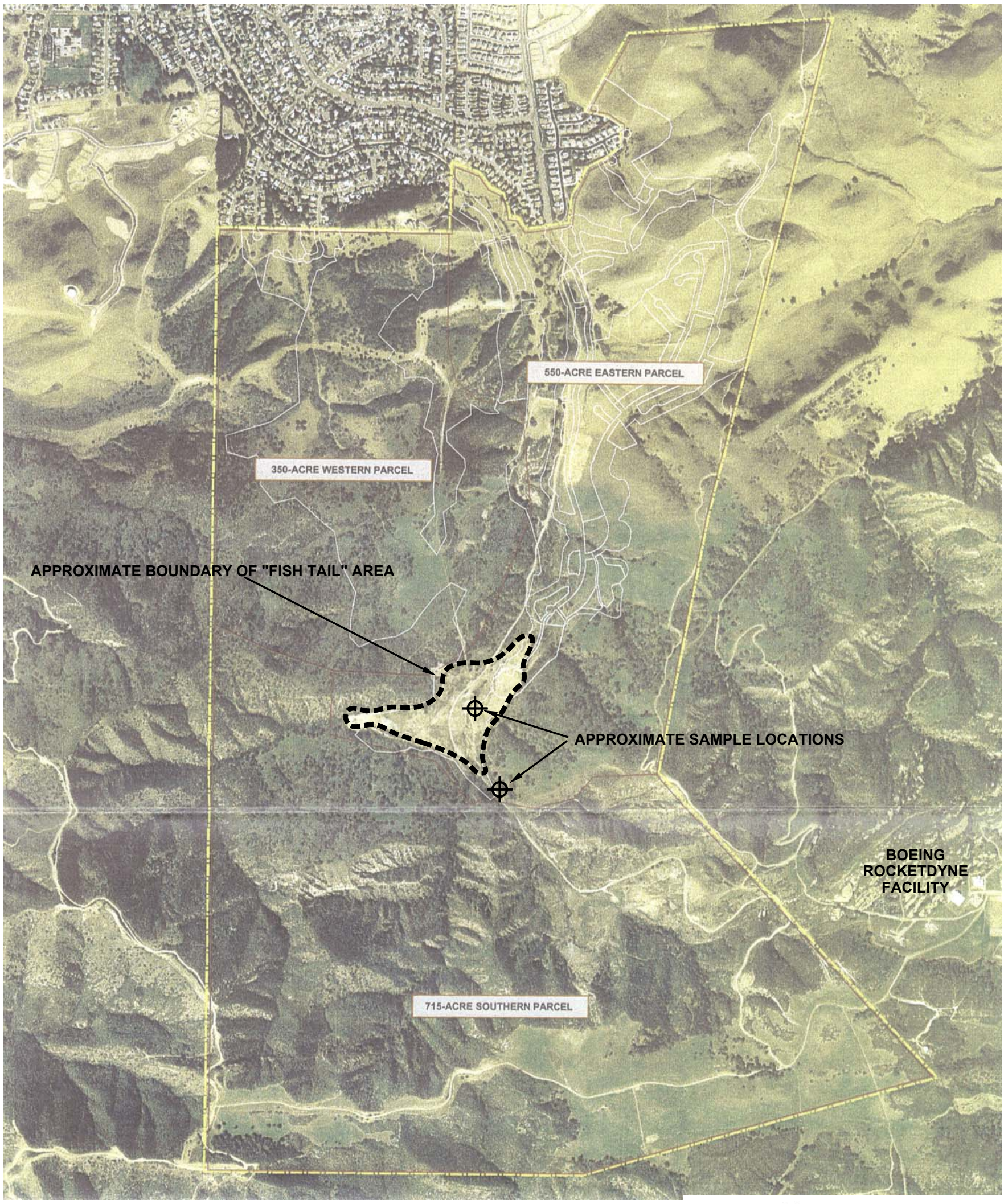
Michael Conkle, PG
Senior Geologist

MPC:am

(1) Addressee

Attachments:

Figure 1 – Site Plan
Figure 2 – Sample Location Map
Table 1 – Summary of Analytical Results
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 13, 2007	PROJECT NO. A8314-77-02	FIG. 1

LEGEND

Approximate Water Sample Location

Approximate Soil Sample Location

Base Map Source: Google Earth

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

July 2, 2007 - Sample Locations

RUNKLE CANYON, LLC
RUNKLE CANYON DEVELOPMENT
SIMI VALLEY, CALIFORNIA

JULY 13, 2006	PROJECT NO. A8314-77-02	FIG. 2

TABLE 1
SUMMARY ANALYTICAL RESULTS - METALS
RUNKLE CANYON
JULY 2, 2007

	Water Samples				MCLs	Soil Samples			CHHSLs
Sample ID	Upstream	Upstream A	Downstream	Downstream A	(mg/l)	Upstream A	Downstream A	Top Soil	(mg/kg)
Antimony	<0.0050	<0.0050	<0.0050	<0.0050	0.006	<2.0	<2.0	<2.0	30
Arsenic	<0.010	<0.010	<0.010	<0.010	0.01	<1.0	**1.3**	**7.3**	0.07
Barium	**0.23**	**0.058**	**0.19**	**0.042**	1.0	**24**	**17**	**73**	5,200
Beryllium	<0.0030	<0.0030	<0.0030	<0.0030	0.004	<1.0	<1.0	<1.0	150
Cadmium	<0.0030	<0.0030	<0.0030	<0.0030	0.005	<1.0	<1.0	<1.0	170
Chromium	<0.0030	**0.0030**	<0.0030	<0.0030	0.05	**5.4**	**4.2**	**7.7**	170[(2)]
Cobalt	**0.0095**	<0.0030	**0.0075**	<0.0030	NA	**3.2**	**3.0**	**9.8**	660
Copper	**0.0057**	<0.0050	<0.0050	<0.0050	1.0*	**6.4**	**4.5**	**7.6**	3,000
Lead	**0.0058**	<0.0050	<0.0050	<0.0050	0.015	**2.5**	**1.6**	**4.0**	150
Molybdenum	<0.0050	<0.0050	<0.0050	<0.0050	NA	<1.0	<1.0	<1.0	380
Nickel	**0.014**	**0.046**	**0.013**	**0.0097**	0.1	**3.6**	**3.0**	**7.2**	1,600
Selenium	<0.010	<0.010	<0.010	<0.010	0.05	<1.0	<1.0	<1.0	380
Silver	<0.0030	<0.0030	<0.0030	<0.0030	NA	<1.0	<1.0	<1.0	380
Thallium	<0.015	<0.015	<0.015	<0.015	0.002	<1.0	<1.0	<1.0	5.0
Vanadium	**0.017**	<0.0030	**0.0063**	<0.0030	0.05 [(1)]	**15**	**13**	**22**	530
Zinc	**0.076**	**0.043**	**0.065**	**0.060**	NA	**20**	**14**	**36**	23,000
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	0.002	<0.10	<0.10	<0.10	18

pH	P - 7.16	G - 7.17	P - 6.97	G - 7.03

Notes:
Metals by EPA Test Method 6010B
Mercury by EPA Test Method 7471A
pH - Field measurement recorded by Pat-Chem (P) or Geocon (G)
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 for residential land use
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

July 06, 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.: 093002

RE: RUNKLE CANYON, A8314-77-02

Attention: Mike Conkle

Enclosed are the results for sample(s) received on July 02, 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
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

ANALYTICAL RESULTS

Print Date: *06-Jul-07*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	UPSTREAM A
Lab Order:	093002	**Collection Date:**	7/2/2007 9:55:00 AM
Project:	RUNKLE CANYON, A8314-77-02	**Matrix:**	WATER
Lab ID:	093002-001A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3010A			**EPA 6010B**		
RunID: ICP8_070705A	QC Batch: 37633			PrepDate:	7/3/2007	Analyst: **RQ**
Antimony	ND	0.0050		mg/L	1	7/5/2007 12:13 PM
Arsenic	ND	0.010		mg/L	1	7/5/2007 12:13 PM
Barium	0.058	0.0030		mg/L	1	7/5/2007 12:13 PM
Beryllium	ND	0.0030		mg/L	1	7/5/2007 12:13 PM
Cadmium	ND	0.0030		mg/L	1	7/5/2007 12:13 PM
Chromium	0.0030	0.0030		mg/L	1	7/5/2007 12:13 PM
Cobalt	ND	0.0030		mg/L	1	7/5/2007 12:13 PM
Copper	ND	0.0050		mg/L	1	7/5/2007 12:13 PM
Lead	ND	0.0050		mg/L	1	7/5/2007 12:13 PM
Molybdenum	ND	0.0050		mg/L	1	7/5/2007 12:13 PM
Nickel	0.046	0.0050		mg/L	1	7/5/2007 12:13 PM
Selenium	ND	0.010		mg/L	1	7/5/2007 12:13 PM
Silver	ND	0.0030		mg/L	1	7/5/2007 12:13 PM
Thallium	ND	0.015		mg/L	1	7/5/2007 12:13 PM
Vanadium	ND	0.0030		mg/L	1	7/5/2007 12:13 PM
Zinc	0.043	0.010		mg/L	1	7/5/2007 12:13 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7470			**EPA 7470A**		
RunID: AA5_070705A	QC Batch: 37634			PrepDate:	7/3/2007	Analyst: **JAR**
Mercury	ND	0.20		µg/L	1	7/5/2007

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: *06-Jul-07*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	DOWNSTREAM A
Lab Order:	093002	**Collection Date:**	7/2/2007 9:30:00 AM
Project:	RUNKLE CANYON, A8314-77-02	**Matrix:**	WATER
Lab ID:	093002-002A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3010A			**EPA 6010B**		
RunID: ICP8_070705A	QC Batch: 37633			PrepDate:	7/3/2007	Analyst: **RQ**
Antimony	ND	0.0050		mg/L	1	7/5/2007 12:19 PM
Arsenic	ND	0.010		mg/L	1	7/5/2007 12:19 PM
Barium	0.042	0.0030		mg/L	1	7/5/2007 12:19 PM
Beryllium	ND	0.0030		mg/L	1	7/5/2007 12:19 PM
Cadmium	ND	0.0030		mg/L	1	7/5/2007 12:19 PM
Chromium	ND	0.0030		mg/L	1	7/5/2007 12:19 PM
Cobalt	ND	0.0030		mg/L	1	7/5/2007 12:19 PM
Copper	ND	0.0050		mg/L	1	7/5/2007 12:19 PM
Lead	ND	0.0050		mg/L	1	7/5/2007 12:19 PM
Molybdenum	ND	0.0050		mg/L	1	7/5/2007 12:19 PM
Nickel	0.0097	0.0050		mg/L	1	7/5/2007 12:19 PM
Selenium	ND	0.010		mg/L	1	7/5/2007 12:19 PM
Silver	ND	0.0030		mg/L	1	7/5/2007 12:19 PM
Thallium	ND	0.015		mg/L	1	7/5/2007 12:19 PM
Vanadium	ND	0.0030		mg/L	1	7/5/2007 12:19 PM
Zinc	0.060	0.010		mg/L	1	7/5/2007 12:19 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7470			**EPA 7470A**		
RunID: AA5_070705A	QC Batch: 37634			PrepDate:	7/3/2007	Analyst: **JAR**
Mercury	ND	0.20		µg/L	1	7/5/2007

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: *06-Jul-07*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	UPSTREAM
Lab Order:	093002	**Collection Date:**	7/2/2007 9:55:00 AM
Project:	RUNKLE CANYON, A8314-77-02	**Matrix:**	WATER
Lab ID:	093002-003A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3010A			**EPA 6010B**		
RunID: ICP8_070705A	QC Batch: 37633			PrepDate:	7/3/2007	Analyst: **RQ**
Antimony	ND	0.0050		mg/L	1	7/5/2007 12:37 PM
Arsenic	ND	0.010		mg/L	1	7/5/2007 12:37 PM
Barium	0.23	0.0030		mg/L	1	7/5/2007 12:37 PM
Beryllium	ND	0.0030		mg/L	1	7/5/2007 12:37 PM
Cadmium	ND	0.0030		mg/L	1	7/5/2007 12:37 PM
Chromium	ND	0.0030		mg/L	1	7/5/2007 12:37 PM
Cobalt	0.0095	0.0030		mg/L	1	7/5/2007 12:37 PM
Copper	0.0057	0.0050		mg/L	1	7/5/2007 12:37 PM
Lead	0.0058	0.0050		mg/L	1	7/5/2007 12:37 PM
Molybdenum	ND	0.0050		mg/L	1	7/5/2007 12:37 PM
Nickel	0.014	0.0050		mg/L	1	7/5/2007 12:37 PM
Selenium	ND	0.010		mg/L	1	7/5/2007 12:37 PM
Silver	ND	0.0030		mg/L	1	7/5/2007 12:37 PM
Thallium	ND	0.015		mg/L	1	7/5/2007 12:37 PM
Vanadium	0.017	0.0030		mg/L	1	7/5/2007 12:37 PM
Zinc	0.076	0.010		mg/L	1	7/5/2007 12:37 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7470			**EPA 7470A**		
RunID: AA5_070705A	QC Batch: 37634			PrepDate:	7/3/2007	Analyst: **JAR**
Mercury	ND	0.20		µg/L	1	7/5/2007

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: *06-Jul-07*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	DOWNSTREAM
Lab Order:	093002	**Collection Date:**	7/2/2007 9:20:00 AM
Project:	RUNKLE CANYON, A8314-77-02	**Matrix:**	WATER
Lab ID:	093002-004A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3010A			**EPA 6010B**		
RunID: ICP8_070705A	QC Batch: 37633			PrepDate:	7/3/2007	Analyst: **RQ**
Antimony	ND	0.0050		mg/L	1	7/5/2007 11:35 AM
Arsenic	ND	0.010		mg/L	1	7/5/2007 11:35 AM
Barium	0.19	0.0030		mg/L	1	7/5/2007 11:35 AM
Beryllium	ND	0.0030		mg/L	1	7/5/2007 11:35 AM
Cadmium	ND	0.0030		mg/L	1	7/5/2007 11:35 AM
Chromium	ND	0.0030		mg/L	1	7/5/2007 11:35 AM
Cobalt	0.0075	0.0030		mg/L	1	7/5/2007 11:35 AM
Copper	ND	0.0050		mg/L	1	7/5/2007 11:35 AM
Lead	ND	0.0050		mg/L	1	7/5/2007 11:35 AM
Molybdenum	ND	0.0050		mg/L	1	7/5/2007 11:35 AM
Nickel	0.013	0.0050		mg/L	1	7/5/2007 11:35 AM
Selenium	ND	0.010		mg/L	1	7/5/2007 11:35 AM
Silver	ND	0.0030		mg/L	1	7/5/2007 11:35 AM
Thallium	ND	0.015		mg/L	1	7/5/2007 11:35 AM
Vanadium	0.0063	0.0030		mg/L	1	7/5/2007 11:35 AM
Zinc	0.065	0.010		mg/L	1	7/5/2007 11:35 AM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7470			**EPA 7470A**		
RunID: AA5_070705A	QC Batch: 37634			PrepDate:	7/3/2007	Analyst: **JAR**
Mercury	ND	0.20		µg/L	1	7/5/2007

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: *06-Jul-07*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	TOP SOIL SAMPLE
Lab Order:	093002	**Collection Date:**	7/2/2007 10:20:00 AM
Project:	RUNKLE CANYON, A8314-77-02	**Matrix:**	SOIL
Lab ID:	093002-005A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_070703D	QC Batch: 37631			PrepDate:	7/3/2007	Analyst: **HF**
Antimony	ND	2.0		mg/Kg	1	7/3/2007 04:02 PM
Arsenic	7.3	1.0		mg/Kg	1	7/3/2007 04:02 PM
Barium	73	1.0		mg/Kg	1	7/3/2007 04:02 PM
Beryllium	ND	1.0		mg/Kg	1	7/3/2007 04:02 PM
Cadmium	ND	1.0		mg/Kg	1	7/3/2007 04:02 PM
Chromium	7.7	1.0		mg/Kg	1	7/3/2007 04:02 PM
Cobalt	9.8	1.0		mg/Kg	1	7/3/2007 04:02 PM
Copper	7.6	2.0		mg/Kg	1	7/3/2007 04:02 PM
Lead	4.0	1.0		mg/Kg	1	7/3/2007 04:02 PM
Molybdenum	ND	1.0		mg/Kg	1	7/3/2007 04:02 PM
Nickel	7.2	1.0		mg/Kg	1	7/3/2007 04:02 PM
Selenium	ND	1.0		mg/Kg	1	7/3/2007 04:02 PM
Silver	ND	1.0		mg/Kg	1	7/3/2007 04:02 PM
Thallium	ND	1.0		mg/Kg	1	7/3/2007 04:02 PM
Vanadium	22	1.0		mg/Kg	1	7/3/2007 04:02 PM
Zinc	36	1.0		mg/Kg	1	7/3/2007 04:02 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_070705C	QC Batch: 37632			PrepDate:	7/3/2007	Analyst: **JAR**
Mercury	ND	0.10		mg/Kg	1	7/5/2007

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:**	UPSTREAM A
Lab Order:	093002	**Collection Date:**	7/2/2007 9:55:00 AM
Project:	RUNKLE CANYON, A8314-77-02	**Matrix:**	SOIL
Lab ID:	093002-006A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_070703D	QC Batch: 37631			PrepDate:	7/3/2007	Analyst: **HF**
Antimony	ND	2.0		mg/Kg	1	7/3/2007 04:09 PM
Arsenic	ND	1.0		mg/Kg	1	7/3/2007 04:09 PM
Barium	24	1.0		mg/Kg	1	7/3/2007 04:09 PM
Beryllium	ND	1.0		mg/Kg	1	7/3/2007 04:09 PM
Cadmium	ND	1.0		mg/Kg	1	7/3/2007 04:09 PM
Chromium	5.4	1.0		mg/Kg	1	7/3/2007 04:09 PM
Cobalt	3.2	1.0		mg/Kg	1	7/3/2007 04:09 PM
Copper	6.4	2.0		mg/Kg	1	7/3/2007 04:09 PM
Lead	2.5	1.0		mg/Kg	1	7/3/2007 04:09 PM
Molybdenum	ND	1.0		mg/Kg	1	7/3/2007 04:09 PM
Nickel	3.6	1.0		mg/Kg	1	7/3/2007 04:09 PM
Selenium	ND	1.0		mg/Kg	1	7/3/2007 04:09 PM
Silver	ND	1.0		mg/Kg	1	7/3/2007 04:09 PM
Thallium	ND	1.0		mg/Kg	1	7/3/2007 04:09 PM
Vanadium	15	1.0		mg/Kg	1	7/3/2007 04:09 PM
Zinc	20	1.0		mg/Kg	1	7/3/2007 04:09 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_070705C	QC Batch: 37632			PrepDate:	7/3/2007	Analyst: **JAR**
Mercury	ND	0.10		mg/Kg	1	7/5/2007

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: *06-Jul-07*

CLIENT:	Geocon Consultants, Inc.	**Client Sample ID:**	DOWNSTREAM A
Lab Order:	093002	**Collection Date:**	7/2/2007 9:30:00 AM
Project:	RUNKLE CANYON, A8314-77-02	**Matrix:**	SOIL
Lab ID:	093002-007A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP6_070703D	QC Batch: 37631			PrepDate:	7/3/2007	Analyst: **HF**
Antimony	ND	2.0		mg/Kg	1	7/3/2007 04:15 PM
Arsenic	1.3	1.0		mg/Kg	1	7/3/2007 04:15 PM
Barium	17	1.0		mg/Kg	1	7/3/2007 04:15 PM
Beryllium	ND	1.0		mg/Kg	1	7/3/2007 04:15 PM
Cadmium	ND	1.0		mg/Kg	1	7/3/2007 04:15 PM
Chromium	4.2	1.0		mg/Kg	1	7/3/2007 04:15 PM
Cobalt	3.0	1.0		mg/Kg	1	7/3/2007 04:15 PM
Copper	4.5	2.0		mg/Kg	1	7/3/2007 04:15 PM
Lead	1.6	1.0		mg/Kg	1	7/3/2007 04:15 PM
Molybdenum	ND	1.0		mg/Kg	1	7/3/2007 04:15 PM
Nickel	3.0	1.0		mg/Kg	1	7/3/2007 04:15 PM
Selenium	ND	1.0		mg/Kg	1	7/3/2007 04:15 PM
Silver	ND	1.0		mg/Kg	1	7/3/2007 04:15 PM
Thallium	ND	1.0		mg/Kg	1	7/3/2007 04:15 PM
Vanadium	13	1.0		mg/Kg	1	7/3/2007 04:15 PM
Zinc	14	1.0		mg/Kg	1	7/3/2007 04:15 PM
MERCURY BY COLD VAPOR TECHNIQUE						
	EPA 7471			**EPA 7471A**		
RunID: AA5_070705C	QC Batch: 37632			PrepDate:	7/3/2007	Analyst: **JAR**
Mercury	ND	0.10		mg/Kg	1	7/5/2007

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: 093002
Project: RUNKLE CANYON, A8314-77-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: **MB-37631** SampType: **MBLK** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **7/3/2007** RunNo: **81894**
Client ID: **PBS** Batch ID: **37631** TestNo: **EPA 6010B** **EPA 3050B** Analysis Date: **7/3/2007** SeqNo: **1245256**

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	0.104	2.0									
Lead	ND	1.0									
Molybdenum	ND	1.0									
Nickel	ND	1.0									
Selenium	ND	1.0									
Silver	ND	1.0									
Thallium	0.302	1.0									
Vanadium	ND	1.0									
Zinc	ND	1.0									

Sample ID: **LCS-37631** SampType: **LCS** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **7/3/2007** RunNo: **81894**
Client ID: **LCSS** Batch ID: **37631** TestNo: **EPA 6010B** **EPA 3050B** Analysis Date: **7/3/2007** SeqNo: **1245257**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	49.404	2.0	50.00	0	98.8	80	120				
Arsenic	48.179	1.0	50.00	0	96.4	80	120				
Barium	51.120	1.0	50.00	0	102	80	120				
Beryllium	50.189	1.0	50.00	0	100	80	120				
Cadmium	49.119	1.0	50.00	0	98.2	80	120				
Chromium	50.562	1.0	50.00	0	101	80	120				
Cobalt	49.623	1.0	50.00	0	99.2	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: 093002
Project: RUNKLE CANYON, A8314-77-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: **LCS-37631**	SampType: **LCS**	TestCode: **6010_S**	Units: **mg/Kg**	Prep Date: **7/3/2007**	RunNo: **81894**
Client ID: **LCSS**	Batch ID: **37631**	TestNo: **EPA 6010B**	**EPA 3050B**	Analysis Date: **7/3/2007**	SeqNo: **1245257**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	50.692	2.0	50.00	0.1040	101	80	120				
Lead	49.647	1.0	50.00	0	99.3	80	120				
Molybdenum	50.600	1.0	50.00	0	101	80	120				
Nickel	48.967	1.0	50.00	0	97.9	80	120				
Selenium	47.376	1.0	50.00	0	94.8	80	120				
Silver	49.775	1.0	50.00	0	99.6	80	120				
Thallium	48.722	1.0	50.00	0.3021	96.8	80	120				
Vanadium	51.084	1.0	50.00	0	102	80	120				
Zinc	48.255	1.0	50.00	0	96.5	80	120				

Sample ID: **093002-007AMS**	SampType: **MS**	TestCode: **6010_S**	Units: **mg/Kg**	Prep Date: **7/3/2007**	RunNo: **81894**
Client ID: **DOWNSTREAM A**	Batch ID: **37631**	TestNo: **EPA 6010B**	**EPA 3050B**	Analysis Date: **7/3/2007**	SeqNo: **1245262**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	104.009	2.0	125.0	0.2469	83.0	24	110				
Arsenic	103.862	1.0	125.0	1.309	82.0	61	104				
Barium	123.796	1.0	125.0	17.39	85.1	35	135				
Beryllium	109.781	1.0	125.0	0	87.8	64	104				
Cadmium	103.550	1.0	125.0	0	82.8	65	106				
Chromium	110.036	1.0	125.0	4.192	84.7	47	122				
Cobalt	103.236	1.0	125.0	2.994	80.2	55	111				
Copper	117.245	2.0	125.0	4.541	90.2	52	132				
Lead	102.456	1.0	125.0	1.609	80.7	37	128				
Molybdenum	108.841	1.0	125.0	0	87.1	58	108				
Nickel	107.092	1.0	125.0	3.025	83.3	48	120				
Selenium	100.194	1.0	125.0	0	80.2	57	105				
Silver	105.796	1.0	125.0	0	84.6	44	116				
Thallium	99.591	1.0	125.0	0	79.7	55	103				
Vanadium	120.042	1.0	125.0	12.62	85.9	57	116				
Zinc	111.783	1.0	125.0	14.48	77.8	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: 093002
Project: RUNKLE CANYON, A8314-77-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: **093002-007AMSD** SampType: **MSD** TestCode: **6010_S** Units: **mg/Kg** Prep Date: **7/3/2007** RunNo: **81894**
Client ID: **DOWNSTREAM A** Batch ID: **37631** TestNo: **EPA 6010B** **EPA 3050B** Analysis Date: **7/3/2007** SeqNo: **1245263**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	109.640	2.0	125.0	0.2469	87.5	24	110	104.0	5.27	20	
Arsenic	108.685	1.0	125.0	1.309	85.9	61	104	103.9	4.54	20	
Barium	129.334	1.0	125.0	17.39	89.6	35	135	123.8	4.38	20	
Beryllium	114.165	1.0	125.0	0	91.3	64	104	109.8	3.91	20	
Cadmium	108.563	1.0	125.0	0	86.9	65	106	103.5	4.73	20	
Chromium	115.985	1.0	125.0	4.192	89.4	47	122	110.0	5.26	20	
Cobalt	108.772	1.0	125.0	2.994	84.6	55	111	103.2	5.22	20	
Copper	122.533	2.0	125.0	4.541	94.4	52	132	117.2	4.41	20	
Lead	107.832	1.0	125.0	1.609	85.0	37	128	102.5	5.11	20	
Molybdenum	114.362	1.0	125.0	0	91.5	58	108	108.8	4.95	20	
Nickel	112.591	1.0	125.0	3.025	87.7	48	120	107.1	5.01	20	
Selenium	105.278	1.0	125.0	0	84.2	57	105	100.2	4.95	20	
Silver	111.904	1.0	125.0	0	89.5	44	116	105.8	5.61	20	
Thallium	104.511	1.0	125.0	0	83.6	55	103	99.59	4.82	20	
Vanadium	126.009	1.0	125.0	12.62	90.7	57	116	120.0	4.85	20	
Zinc	117.276	1.0	125.0	14.48	82.2	41	120	111.8	4.80	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: 093002
Project: RUNKLE CANYON, A8314-77-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

Sample ID: **MB-37633** SampType: **MBLK** TestCode: **6010_W** Units: **mg/L** Prep Date: **7/3/2007** RunNo: **81947**
Client ID: **PBW** Batch ID: **37633** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **7/5/2007** SeqNo: **1245983**

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-37633** SampType: **LCS** TestCode: **6010_W** Units: **mg/L** Prep Date: **7/3/2007** RunNo: **81947**
Client ID: **LCSW** Batch ID: **37633** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **7/5/2007** SeqNo: **1245984**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.939	0.0050	1.000	0	93.9	85	115				
Arsenic	0.923	0.010	1.000	0	92.3	85	115				
Barium	0.955	0.0030	1.000	0	95.5	85	115				
Beryllium	0.933	0.0030	1.000	0	93.3	85	115				
Cadmium	0.954	0.0030	1.000	0	95.4	85	115				
Chromium	0.945	0.0030	1.000	0	94.5	85	115				
Cobalt	0.928	0.0030	1.000	0	92.8	85	115				
Copper	0.955	0.0050	1.000	0	95.5	85	115				
Lead	0.909	0.0050	1.000	0	90.9	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: 093002
Project: RUNKLE CANYON, A8314-77-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

Sample ID: **LCS-37633** SampType: **LCS** TestCode: **6010_W** Units: **mg/L** Prep Date: **7/3/2007** RunNo: **81947**
Client ID: **LCSW** Batch ID: **37633** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **7/5/2007** SeqNo: **1245984**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Molybdenum	0.944	0.0050	1.000	0	94.4	85	115				
Nickel	0.911	0.0050	1.000	0	91.1	85	115				
Selenium	0.906	0.010	1.000	0	90.6	85	115				
Silver	0.888	0.0030	1.000	0	88.8	85	115				
Thallium	0.945	0.015	1.000	0	94.5	85	115				
Vanadium	0.926	0.0030	1.000	0	92.6	85	115				
Zinc	0.914	0.010	1.000	0	91.4	85	115				

Sample ID: **093002-004AMS** SampType: **MS** TestCode: **6010_W** Units: **mg/L** Prep Date: **7/3/2007** RunNo: **81947**
Client ID: **DOWNSTREAM** Batch ID: **37633** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **7/5/2007** SeqNo: **1245986**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2.198	0.0050	2.500	0	87.9	83	117				
Arsenic	2.112	0.010	2.500	0	84.5	81	116				
Barium	2.254	0.0030	2.500	0.1876	82.7	63	132				
Beryllium	2.075	0.0030	2.500	0.001037	82.9	85	114				S
Cadmium	1.970	0.0030	2.500	0.001038	78.8	83	115				S
Chromium	2.075	0.0030	2.500	0.001544	82.9	83	115				S
Cobalt	1.900	0.0030	2.500	0.007473	75.7	83	116				S
Copper	2.335	0.0050	2.500	0.002830	93.3	85	118				
Lead	1.860	0.0050	2.500	0.003525	74.3	82	113				S
Molybdenum	2.083	0.0050	2.500	0	83.3	86	115				S
Nickel	1.958	0.0050	2.500	0.01274	77.8	86	113				S
Selenium	2.132	0.010	2.500	0	85.3	80	115				
Silver	2.137	0.0030	2.500	0	85.5	40	140				
Thallium	1.969	0.015	2.500	0	78.8	82	113				S
Vanadium	2.028	0.0030	2.500	0.006317	80.9	86	114				S
Zinc	1.942	0.010	2.500	0.06479	75.1	81	116				S

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: 093002
Project: RUNKLE CANYON, A8314-77-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

Sample ID: **093002-004AMSD** SampType: **MSD** TestCode: **6010_W** Units: **mg/L** Prep Date: **7/3/2007** RunNo: **81947**
Client ID: **DOWNSTREAM** Batch ID: **37633** TestNo: **EPA 6010B** **EPA 3010A** Analysis Date: **7/5/2007** SeqNo: **1245987**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	2.500	0.0050	2.500	0	100	83	117	2.198	12.9	20	
Arsenic	2.416	0.010	2.500	0	96.6	81	116	2.112	13.4	20	
Barium	2.525	0.0030	2.500	0.1876	93.5	63	132	2.254	11.3	20	
Beryllium	2.354	0.0030	2.500	0.001037	94.1	85	114	2.075	12.6	20	
Cadmium	2.205	0.0030	2.500	0.001038	88.2	83	115	1.970	11.3	20	
Chromium	2.334	0.0030	2.500	0.001544	93.3	83	115	2.075	11.7	20	
Cobalt	2.128	0.0030	2.500	0.007473	84.8	83	116	1.900	11.3	20	
Copper	2.640	0.0050	2.500	0.002830	106	85	118	2.335	12.3	20	
Lead	2.106	0.0050	2.500	0.003525	84.1	82	113	1.860	12.4	20	
Molybdenum	2.368	0.0050	2.500	0	94.7	86	115	2.083	12.8	20	
Nickel	2.196	0.0050	2.500	0.01274	87.3	86	113	1.958	11.4	20	
Selenium	2.432	0.010	2.500	0	97.3	80	115	2.132	13.1	20	
Silver	2.409	0.0030	2.500	0	96.3	40	140	2.137	11.9	20	
Thallium	2.223	0.015	2.500	0	88.9	82	113	1.969	12.1	20	
Vanadium	2.275	0.0030	2.500	0.006317	90.7	86	114	2.028	11.5	20	
Zinc	2.185	0.010	2.500	0.06479	84.8	81	116	1.942	11.8	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: 093002
Project: RUNKLE CANYON, A8314-77-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 7470_W

Sample ID: **093002-004A-MS**	SampType: **MS**	TestCode: **7470_W**	Units: **µg/L**	Prep Date: **7/3/2007**	RunNo: **81964**
Client ID: **DOWNSTREAM**	Batch ID: **37634**	TestNo: **EPA 7470A**	**EPA 7470**	Analysis Date: **7/5/2007**	SeqNo: **1246210**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	9.444	0.20	10.00	0	94.4	70	130				

Sample ID: **093002-004A-MSD**	SampType: **MSD**	TestCode: **7470_W**	Units: **µg/L**	Prep Date: **7/3/2007**	RunNo: **81964**
Client ID: **DOWNSTREAM**	Batch ID: **37634**	TestNo: **EPA 7470A**	**EPA 7470**	Analysis Date: **7/5/2007**	SeqNo: **1246211**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	9.504	0.20	10.00	0	95.0	70	130	9.444	0.629	20	

Sample ID: **LCS-37634**	SampType: **LCS**	TestCode: **7470_W**	Units: **µg/L**	Prep Date: **7/3/2007**	RunNo: **81964**
Client ID: **LCSW**	Batch ID: **37634**	TestNo: **EPA 7470A**	**EPA 7470**	Analysis Date: **7/5/2007**	SeqNo: **1246212**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	9.199	0.20	10.00	0	92.0	85	115				

Sample ID: **MB-37634**	SampType: **MBLK**	TestCode: **7470_W**	Units: **µg/L**	Prep Date: **7/3/2007**	RunNo: **81964**
Client ID: **PBW**	Batch ID: **37634**	TestNo: **EPA 7470A**	**EPA 7470**	Analysis Date: **7/5/2007**	SeqNo: **1246213**

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: 093002
Project: RUNKLE CANYON, A8314-77-02

ANALYTICAL QC SUMMARY REPORT

TestCode: 7471_S

Sample ID: **093002-007A-MS**	SampType: **MS**	TestCode: **7471_S**	Units: **mg/Kg**	Prep Date: **7/3/2007**	RunNo: **81970**
Client ID: **DOWNSTREAM A**	Batch ID: **37632**	TestNo: **EPA 7471A**	**EPA 7471**	Analysis Date: **7/5/2007**	SeqNo: **1246261**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.821	0.10	0.8300	0	98.9	58	168				

Sample ID: **093002-007A-MSD**	SampType: **MSD**	TestCode: **7471_S**	Units: **mg/Kg**	Prep Date: **7/3/2007**	RunNo: **81970**
Client ID: **DOWNSTREAM A**	Batch ID: **37632**	TestNo: **EPA 7471A**	**EPA 7471**	Analysis Date: **7/5/2007**	SeqNo: **1246262**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.830	0.10	0.8300	0	100	58	168	0.8207	1.18	20	

Sample ID: **LCS-37632**	SampType: **LCS**	TestCode: **7471_S**	Units: **mg/Kg**	Prep Date: **7/3/2007**	RunNo: **81970**
Client ID: **LCSS**	Batch ID: **37632**	TestNo: **EPA 7471A**	**EPA 7471**	Analysis Date: **7/5/2007**	SeqNo: **1246263**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.801	0.10	0.8300	0	96.5	80	120				

Sample ID: **MB-37632**	SampType: **MBLK**	TestCode: **7471_S**	Units: **mg/Kg**	Prep Date: **7/3/2007**	RunNo: **81970**
Client ID: **PBS**	Batch ID: **37632**	TestNo: **EPA 7471A**	**EPA 7471**	Analysis Date: **7/5/2007**	SeqNo: **1246264**

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		

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: 7/2/07

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	Address: 3303 N. SAN FERNANDO BLVD #100		TEL: (818) 841 8388
Attn: MIKE CONKLE	City BURBANK	State CA	Zip Code 91504 FAX: (818) 841 1724

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

Relinquished by: (Signature and Printed Name) M. CONKLE	Date: 7/2/07	Time: 1425	Received by: (Signature and Printed Name)	Date: 7/2/07	Time: 1425
Relinquished by: (Signature and Printed Name)	Date: 7/2/07	Time: 1800	Received by: (Signature and Printed Name)	Date: 7/2/07	Time: 1800
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 7/2/07
Print Name Date
Signature

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

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

Special Instructions/Comments:
FILTER AND PRESERVE UNPRESERVED METALS SAMPLES AT LAB

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)

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

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	TAT	Container(s): #	Type	PRESERVATION	REMARKS
	093002-01	UPSTREAM A	7/2/07	955	C	1	P	P	
	-2	DOWNSTREAM A		930	C	1	P	P	
	-3	UPSTREAM		955	C	1	P	P	N
	-4	DOWNSTREAM		920	C	1	P	P	N
	-5	TOP SOIL SAMPLE		1025	C	1	J	G	
	-6	UP STREAM A		955	C	1	J	G	
	-7	DOWNSTREAM A		930	C	1	J	G	

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.