



September 17, 2003

Mr. Bruce G. Ehrlich
Nossaman, Guthner, Knox and Elliot LLP
445 South Figueroa Street, 31st Floor
Los Angeles, California 90071

**SITE: GREENPARK RUNKLE CANYON, LLC RUNKLE CANYON PROPERTY
IN SIMI VALLEY, CALIFORNIA**

RE: SITE INVESTIGATION REPORT OF WESTERN 350-ACRE PARCEL

Dear Mr. Ehrlich:

Miller Brooks Environmental, Inc. (Miller Brooks) is pleased to submit this report documenting the site investigation activities conducted on the western 350-acre portion (Site) of the 1,615-acre Runkle Canyon Property (Property) in Ventura County, California (see Figure 1). The site investigation activities were conducted at the request of GreenPark Runkle Canyon, LLC (GreenPark). The purpose of these activities was to identify recognized environmental conditions on the Property with a particular emphasis on strontium-90. The investigation included surface soil and water sampling, the drilling and sampling of soil borings, and groundwater sampling on the Runkle Canyon Property. This report presents the results of sampling and analysis performed on the western 350-acre portion of the Property, and includes a description of the Site, a summary of site assessment activities, results of laboratory analyses, and conclusions.

1.0 BACKGROUND INFORMATION

Strontium (chemical symbol Sr) is a silvery metal that is found in nature and has four stable isotopes and twelve radioactive isotopes. Isotopes are different forms of the same element that have the same number of protons in the nucleus but a different number of neutrons. While the four stable isotopes of strontium occur naturally, strontium-90 is a by-product of the fission of uranium and plutonium in nuclear reactors and nuclear weapons. In the 1950s and 1960s, large amounts of strontium-90 were produced during atmospheric nuclear weapons tests and were dispersed worldwide. Strontium-90 has a half-life of 29.1 years. The releases from the 1950s and 1960s have been decaying slowly and result in current low background levels. The average strontium-90 concentration in surface soil is about 0.1 pico Curie per gram (pCi/g; Environmental Protection Agency [EPA], 2003; Risk Assessment Information System, 2003; Argonne National Laboratory, 2001).

2.0 SUMMARY OF CONCLUSIONS

No detectable concentrations of strontium-90 were detected in soil samples collected from the surface soil of the Site.

3.0 SITE DESCRIPTION

The subject Site is located within an area of undeveloped land referred to as Runkle Canyon, located at the terminus of Sequoia Avenue in the City of Simi Valley in Ventura County, California. The Property consists of three land parcels totaling approximately 1,615 acres. The subject Site comprises the western 350 acres of the Property. The Site is identified by the Ventura County's Assessors office as Parcel Number 685-040-255. There is no known street address for the subject Site. The western 350-acre portion of the Property is undeveloped and consists of a gently sloping valley with hills to the east and west. The Property and Site locations are shown on Figure 1.

4.0 ENVIRONMENTAL SETTING

The Site is located on the United States Department of the Interior, Geological Survey (USGS) Topographic Maps (7.5-minute series) for the Calabasas Quadrangle dated 1952 and photorevised in 1967. The Runkle Canyon Property is located in the Simi Hills at the south side of the Simi Valley. Site elevations range from approximately 1,000 feet to 1,500 feet above mean sea level (USGS, 1952).

4.1 GEOLOGY

The Property is located on the northern flank of the Simi Hills, within the Western Transverse Ranges geomorphic province. The area is characterized by numerous east-west trending folds and reverse faults from ongoing compressional stresses. The Burro Flats Fault dissects the southern portion of the Property in an east-west direction, but has not been designated as an active fault by the State of California (California Division of Mines and Geology [CDMG], 1984).

The dominant geologic formations underlying the Property are the Santa Susana, Llajas and Chatsworth Formations. These are composed mainly of marine shales and sandstones. The geologic units in the area range from Upper Cretaceous to Lower Tertiary in age. The valley floors and stream channels are blanketed by Quaternary alluvium. Isolated remnants of older alluvial deposits are located within the elevated areas, generally adjacent to the main drainage of Runkle Canyon. They generally consist of medium- to reddish-brown sandy silt and clay with sand and cobble lenses. The maximum thickness of older alluvium encountered within previous subsurface investigations is 75 feet (CDMG, 1984).

4.2 HYDROGEOLOGY

The Property is located approximately 3 miles south of the Simi Valley Groundwater Basin within the Calleguas Creek Watershed. The major drainages in the area are the Los Angeles River to the southeast and Los Virgenes Creek to the south. The Chatsworth Reservoir is located approximately 10 miles east of the Site (California Regional Water Quality Control Board [CRWQCB], 1994). An unnamed stream drains to the north, to the Runkle Reservoir, which is located east of the Site, on the 550-acre eastern portion of the Property. The reservoir was observed to be dry during site investigation activities.

Research indicates that two main groundwater systems have been identified in the vicinity of the Property. The Shallow Zone groundwater is laterally discontinuous, and is found within the alluvial deposits along drainages and valley floors. Depth to water in the Shallow Zone has ranged from land surface (artesian conditions) to greater than 30 feet below ground surface (bgs).

A deeper, regional groundwater zone is present within the fractures of the Chatsworth Formation bedrock, which is the principal water-bearing system in the area. In the deeper regional groundwater zone within the Chatsworth Formation, groundwater has been measured at depths ranging from ground surface (artesian conditions) to approximately 567 feet bgs (Groundwater Resources Consultants, Inc. [GRC], 2000).

The groundwater flow direction in the Chatsworth Formation to the east of the Property is to the north-northwest (GRC, 2000). Due to the complex nature of the hydrogeologic setting, the groundwater flow direction and gradient is highly variable on different portions of the Property, so no general regional gradient could be determined.

There are no known municipal supply wells within two miles of the Runkle Canyon Property (Environmental Data Resources, 2000).

5.0 PREVIOUS ASSESMENTS

In April and May 2000, Foster Wheeler conducted a Phase I Site Assessment of the Site. Based on the results of that assessment, no recognized environmental conditions were identified at the Site (Foster Wheeler, 2000).

In September 2000, Harding ESE conducted surface soil sampling for radionuclide impact on the Property. Sample locations were selected based on presumed transport and distribution of constituents from the Santa Susana Field Laboratory (SSFL) facility to the east of the Site, and included onsite drainage features, access road drainage ditches, and low lying areas. Two samples (Samples SS-16 and SS-17; Figure 2) were collected on subject Site, fourteen samples were collected on the 715-acre southern parcel, and one sample was collected approximately 100 feet east of the eastern 550-acre parcel (Harding ESE, 2000).

Results of the soil sampling indicated that all concentrations of tritium were below the minimum detectable activity (MDA). In addition, all concentrations of cesium-137 on the Site were below the MDA. Strontium-90 was detected in one sample (SS-16) on the subject Site at a concentration that exceeded the MDA (Harding ESE, 2000). These results were then compared to concentrations calculated by Foster Wheeler during a 1999 investigation, which included a statistical evaluation using the Multi Agency Radiation Survey and Site Investigation Manual (MARSSIM) protocol (Foster Wheeler, 1999). The strontium-90 concentration in Sample SS-16 (0.686 pCi/g) was found not to exceed exposure limit considered to be protective of human health (1.23 pCi/g; Foster Wheeler, 1999 and Harding ESE, 2000).

6.0 SUMMARY OF SITE ASSESSMENT ACTIVITIES

On March 14, 2003, Miller Brooks collected four surface soil samples (MBE-9, MBE-10, SS-16A, and SS-17A; Figure 2) at the Site. In addition, three offsite samples (Background-1 through Background-3) were collected as a baseline with which to compare results of the onsite samples. The samples were collected in 4-ounce glass jars and placed in a cooler for transport to a state-certified laboratory, following proper chain of custody protocol. The samples were analyzed for Strontium-90 using EPA Method 905.0. A description of general field procedures utilized is included in Appendix A.

Results of the laboratory analysis of soil samples are presented in Table 1. The laboratory reports and chain of custody documents are included in Appendix B.

7.0 FINDINGS

No detectable concentrations of strontium-90 were detected in the soil samples collected at the Site.

8.0 CONCLUSIONS

No detectable concentrations of strontium-90 were detected in soil samples collected from the surface soil of the Site.

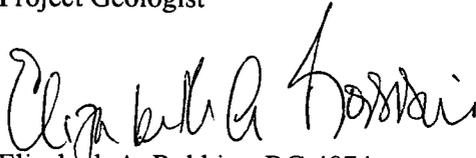
9.0 STATEMENT OF LIMITATIONS AND PROFESSIONAL CERTIFICATION

This report was prepared for the sole use of Greenpark Runkle Canyon, LLC. Any other use without the express written consent of Miller Brooks is prohibited. The conclusions herein are based solely upon the agreed written scope of work outlined in this report. Miller Brooks makes no warranties or guarantees as to the accuracy or completeness of information provided or compiled by others. It is possible that information exists beyond the scope of this investigation. Additional information which was not found or available to Miller Brooks at the time of writing this report, may result in modification of the conclusions presented. This report is not a legal opinion. The services performed by Miller Brooks have been conducted in a manner consistent with the level of care ordinarily exercised by members of our profession currently practicing under similar conditions. No other warranty, expressed or implied, is made.

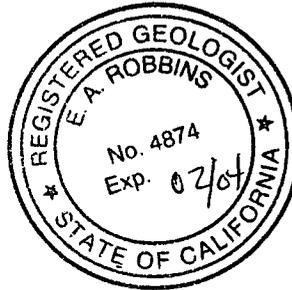
This investigation was supervised or personally conducted by the licensed professional whose signature and license number appear below.



Jennifer L. Canfield
Project Geologist



Elizabeth A. Robbins, RG 4874
Senior Geologist



- Attachments: Table 1 - Results of Laboratory Analysis of Soil Samples
Figure 1 - Vicinity Map
Figure 2 - Site Plan Showing Soil Sample Locations
Appendix A - General Field Procedures
Appendix B - Official Laboratory Reports and Chain of Custody Records

01-402-0002-02

10.0 REFERENCES

- Argonne National Laboratory, 2001, Human Health Fact Sheet, Strontium, www.ead.anl.gov/pub/doc/strontium, October.
- California Division of Mines and Geology, 1984, Geology of the Calabasas-Agoura-Eastern Thousand Oaks Area, Los Angeles and Ventura Counties, California, Open File Report 84-1.
- California Regional Water Quality Control Board, 1994, Water Quality Control Plan, Los Angeles Region, June 1994.
- Environmental Data Resources, 2000, The EDR-Radius Map with Geocheck, GreenPark Ranch, Simi Valley, California, August 2000.
- Foster Wheeler Environmental Corporation, 1999, Final Report – Runkle Ranch Site Investigation, Simi Valley, CA, October.
- Foster Wheeler Environmental Corporation, 2000, Phase I Environmental Site Assessment – Parcel Number 685-040-025, Simi Valley, CA, May 16.
- Groundwater Resources Consultants, Inc., 2000, Annual Groundwater Monitoring Report Santa Susana Field Laboratory, 1999, February 2000.
- Harding ESE, 2000, Results of Limited Soil Sampling, Rancho Simi Property, APN 685-130-180, Simi Valley, California, November 3.
- Risk Assessment Information System, 2003, RAGs A Format for Strontium-90 – CAS Number 10098972, www.risk.lsd.ornl.gov/tox/profiles/strontium_90_ragsa.shtml, September 12.
- United States Environmental Protection Agency, 2003, Radiation Information, Strontium, www.epa.gov/radiation/radionuclides/strontium.htm, September 12.
- United States Geological Survey, 1952, Calabassas Quadrangle, 7.5 Minute Topographic Series, Scale 1:24,000, Photorevised 1967.

The following documents were reviewed to evaluate the sampling and analysis protocol utilized by Miller Brooks in the investigation and reporting activities on the Runkle Canyon Property:

- Agency for Toxic Substance and Disease Registry (ATSDR), 1999, SSFL – Draft Preliminary Site Evaluation, December 1.
- Groundwater Resources Consultants, Inc., 1990, Area IV Radiological Investigation Report, Santa Susana Field Laboratory, Rockwell International Corporation - Rocketdyne Division, March 23.

- Haley and Aldrich, Inc, 2002, Groundwater Monitoring Quarterly Report, Third Quarter 2002, July through September 2002, Santa Susana Field Laboratory, Ventura County, California, November 25.
- McLaren/Hart, 1995, Additional Soil and Water Sampling at the Brandeis-Barden Institute and Santa Monica Mountains Conservancy, January 19.
- Olson, P., Shepard, K., and Adler, K., 1987, CERCLA Program Phase II – Site Characterization, May 29.
- Rockwell International, 1996, Proposed Statewide Release Criteria for Remediation of Facilities at the SSFL, March 11.
- Rocketdyne Energy Technology Engineering Center, 1996, Area IV Radiological Characterization Survey, Final Report, Volume I, August 15.
- Tetrattech EM, Inc., 2002, Final Rocketdyne Technical Support and Field Oversight Document Review for Building 4059, December 20.
- The Boeing Company, 2001, Request for Approval to Ship Soil from SRE to a Landfill, September 25.
- The Boeing Company, 1999, Factsheet-Santa Susana Field Laboratory, Groundwater Cleanup and Monitoring Program.
- The Boeing Company, 1999, Factsheet-Santa Susana Field Laboratory, Radiological Cleanup and Monitoring Program,
- USEPA, 1995, The U.S. EPA Announces Results of Rocketdyne's Off-Site Sampling Program for the Santa Susana Field Laboratory.

TABLE

TABLE 1
 RESULTS OF STRONTIUM ANALYSIS FOR SOIL SAMPLES
 Western 350-acre Parcel
 Runkle Canyon Property
 Simi Valley, California

Sample ID	Date	pCi/g-dry
MBE-9-Surface	3/14/03	ND<2.00
MBE-10-Surface	3/14/03	ND<2.00
SS-16A	3/14/03	ND<2.80
SS-17A *	3/14/03	ND<2.80
Duplicate-1 *	3/14/03	ND<2.80
Background-1	3/14/03	ND<2.00
Background-2	3/14/03	ND<2.00
Background-3	3/14/03	ND<2.20
Trip Blank	3/14/03	ND<10 pCi/L

Notes:

pCi/g-dry = pico curie per gram - dry

ND = not detected at limit indicated

* = Duplicate-1 was collected in the same location as Sample SS-17A on March 14, 2003.

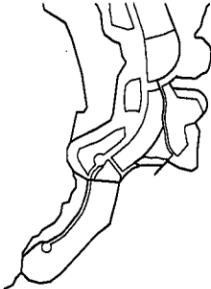
pCi/g = pico curie per liter

FIGURES

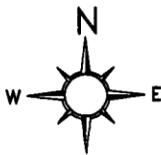


LEGEND

- MBE-9-SURFACE ⊙ SURFACE SOIL SAMPLE LOCATION
- SS-17 ⊕ SURFACE SOIL SAMPLE LOCATION (HARDING ESE, 2000)
- SS-17A ⊕ SURFACE SOIL SAMPLE LOCATION (MILLER BROOKS, 2003)
- PARCEL BOUNDARY
- - - - - PROPERTY BOUNDARY



PROPOSED DEVELOPMENT



0 600 FEET
SCALE

<p>MILLER BROOKS <i>Environmental, Inc.</i></p>	DRAWN BY: AIL	SITE PLAN SHOWING SURFACE SOIL SAMPLE LOCATIONS	FIGURE 2
	DATE: 06/05/03		
2124 MAIN STREET, SUITE 200 HUNTINGTON BEACH, CA. 92648 (714) 960-4088	REVISED BY: AIL	WESTERN 350-ACRE PARCEL RUNKLE CANYON PROPERTY SIMI VALLEY, CA.	
PROJECT NO. 01-402-0002-03	REVISED: 06/05/03		
	APPROVED BY: EAR		
	DATE: 06/05/03	FILE: K:\DWGS\RUNKLE CANYON\SAR\SURFACE 0613 [B-F2]	DATE PLOTTED: 06/05/03

APPENDIX A

APPENDIX A

GENERAL FIELD PROCEDURES

SURFACE AND HAND AUGER SOIL SAMPLING

During the investigation, soil is screened for organic vapors using a photoionization detector (PID). The soil samples are collected from the soil surface, an excavator bucket or hand-auger boring by inserting a 2-inch brass sample tube into undisturbed soil. The sample tube is sealed with Teflon sheeting and polyurethane caps. Each sample is labeled with the project number, boring number, sample depth, geologist's initials, and date of collection. After the samples have been labeled and documented in the chain of custody record, they are either delivered to an onsite mobile laboratory for immediate analysis or placed in a cooler with ice at approximately 4 degrees Celsius for transport to an offsite state-certified laboratory.

CHAIN OF CUSTODY PROTOCOL

Chain of custody protocol is followed for all soil samples selected for laboratory analysis. The chain of custody form accompanies the samples from the sampling locality to the laboratory, providing a continuous record of possession prior to analysis.

DECONTAMINATION

Drilling equipment is decontaminated by steam cleaning before being brought onsite. Prior to use, the sampler and sampling tubes are brush-scrubbed in a Liqui-nox and potable water solution, and rinsed twice in clean potable water. Sampling equipment and tubes are also decontaminated before each sample is collected to avoid cross-contamination between borings. Groundwater purging and sampling equipment that could come into contact with well fluids is either dedicated to a well or cleaned prior to each use in a Liqui-nox solution followed by two tap water rinses.

APPENDIX B



ASSOCIATED LABORATORIES

806 North Batavia - Orange, California 92868 - 714/771-6900

FAX 714/538-1209

CLIENT Orange Coast Analytical (4376)
ATTN: Mark Norrani
3002 Dow Ave.
Suite 532
Tustin, CA 92680

LAB REQUEST 108126

REPORTED 03/27/2003

RECEIVED 03/19/2003

PROJECT Runkle Ranch

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.

Client Sample Identification

419242

Creek - 1 Water

419243

Creek - 2 Water

419244

Windmill - 1 Water

419245

Creek - 3 Water

419246

Trip Blank

419247

Creek - 1 Soil

419248

Creek - 2 Soil

419249

Creek - 3 Soil

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by

Tito L. Parola
President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

CLIENT Orange Coast Analytical
ATTN: Mark Norrani
3002 Dow Ave.
Suite 532
Tustin, CA 92680

(4376)

LAB REQUEST 108126

REPORTED 03/27/2003

RECEIVED 03/19/2003

PROJECT Runkle Ranch

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.

419250

419251

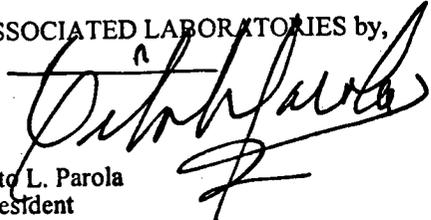
Client Sample Identification

Laboratory Method Blank-W

Laboratory Method Blank-S

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,


Tito L. Parola
President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 419242

Client Sample ID: Creek - 1 Water

Matrix: WATER
Date Sampled: 03/14/2003
Time Sampled: 09:00

Analyte	Result	DLR	Units	Date/Analyst
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Perchlorate by Ion Chromatography

Perchlorate	ND	4	ug/L	03/25/03 BGS
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Order #: 419243

Client Sample ID: Creek - 2 Water

Matrix: WATER
Date Sampled: 03/14/2003
Time Sampled: 09:15

Analyte	Result	DLR	Units	Date/Analyst
---------	--------	-----	-------	--------------

Perchlorate by Ion Chromatography

Perchlorate	ND	4	ug/L	03/25/03 BGS
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Order #: 419244

Client Sample ID: Windmill - 1 Water

Matrix: WATER
Date Sampled: 03/14/2003
Time Sampled: 10:30

Analyte	Result	DLR	Units	Date/Analyst
---------	--------	-----	-------	--------------

Perchlorate by Ion Chromatography

Perchlorate	ND	4	ug/L	03/25/03 BGS
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Order #: 419245

Client Sample ID: Creek - 3 Water

Matrix: WATER
Date Sampled: 03/14/2003
Time Sampled: 11:20

Analyte	Result	DLR	Units	Date/Analyst
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Perchlorate by Ion Chromatography

Perchlorate	ND	4	ug/L	03/25/03 BGS
-------------	----	---	------	--------------

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit



Order #: 419246
Matrix: WATER
Sampled: 03/14/2003

Client Sample ID: Trip Blank

Analyte	Result	DLR	Units	Date/Analyst
<u>Perchlorate by Ion Chromatography</u>				
Perchlorate	ND	4	ug/L	03/25/03 BGS

Order #: 419247
Matrix: SOLID

Client Sample ID: Creek - 1 Soil

Analyte	Result	DLR	Units	Date/Analyst
<u>Perchlorate by Ion Chromatography</u>				
Perchlorate	ND	0.040	mg/Kg	03/25/03 BGS

Order #: 419248
Matrix: SOLID

Client Sample ID: Creek - 2 Soil

Analyte	Result	DLR	Units	Date/Analyst
<u>Perchlorate by Ion Chromatography</u>				
Perchlorate	ND	0.040	mg/Kg	03/25/03 BGS

Order #: 419249
Matrix: SOLID

Client Sample ID: Creek - 3 Soil

Analyte	Result	DLR	Units	Date/Analyst
<u>Perchlorate by Ion Chromatography</u>				
Perchlorate	ND	0.040	mg/Kg	03/25/03 BGS

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit



Order #: 419250

Client Sample ID: Laboratory Method Blank-W

Matrix: WATER

Analyte	Result	DLR	Units	Date/Analyst
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Perchlorate by Ion Chromatography

Perchlorate	ND	4	ug/L	03/25/03 BGS
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Order #: 419251

Client Sample ID: Laboratory Method Blank-S

Matrix: SOLID

Analyte	Result	DLR	Units	Date/Analyst
---------	--------	-----	-------	--------------

Perchlorate by Ion Chromatography

Perchlorate	ND	0.040	mg/Kg	03/25/03 BGS
-------------	----	-------	-------	--------------

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit





LABORATORY ANALYTICAL REPORT

Client: Orange Coast Analytical Inc
 Project: Runkle

Lab Order: C03030603
 Report Date: 04/21/03

Lab ID: C03030603-001

Collection Date: 03/13/03 10:25

Client Sample ID: MBE-7-Surface

Date Received: 03/20/03

Matrix: SOIL

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.40		E905.0	03/27/03 17:00 / db

Lab ID: C03030603-002

Collection Date: 03/13/03 10:40

Client Sample ID: MBE-7-3'

Date Received: 03/20/03

Matrix: SOIL

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.40		E905.0	03/27/03 17:00 / db

Lab ID: C03030603-003

Collection Date: 03/13/03 10:50

Client Sample ID: MBE-7-7'

Date Received: 03/20/03

Matrix: SOIL

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.40		E905.0	03/27/03 17:00 / db

Lab ID: C03030603-004

Collection Date: 03/13/03 12:25

Client Sample ID: MBE-8-Surface

Date Received: 03/20/03

Matrix: SOIL

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.40		E905.0	03/27/03 17:00 / db

Report Definitions: RL - Analyte reporting limit.
 QCL - Quality control limit.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Orange Coast Analytical Inc
 Project: Runkle

Lab Order: C03030603
 Report Date: 04/21/03

Lab ID: C03030603-005
 Client Sample ID: MBE-8-3'
 Matrix: SOIL

Collection Date: 03/13/03 12:45
 Date Received: 03/20/03

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.40		E905.0	03/27/03 17:00 / db

Lab ID: C03030603-006
 Client Sample ID: MBE-8-7'
 Matrix: SOIL

Collection Date: 03/13/03 12:55
 Date Received: 03/20/03

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.40		E905.0	03/27/03 17:00 / db

Lab ID: C03030603-007
 Client Sample ID: MBE-11-Surface
 Matrix: SOIL

Collection Date: 03/13/03 13:35
 Date Received: 03/20/03

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.40		E905.0	03/27/03 17:00 / db

Lab ID: C03030603-008
 Client Sample ID: MBE-11-3'
 Matrix: SOIL

Collection Date: 03/13/03 13:40
 Date Received: 03/20/03

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.40		E905.0	03/27/03 17:00 / db

Report Definitions: RL - Analyte reporting limit.
 QCL - Quality control limit.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Orange Coast Analytical Inc
 Project: Runkle

Lab Order: C03030603
 Report Date: 04/21/03

Lab ID: C03030603-009 Collection Date: 03/13/03 13:45
 Client Sample ID: MBE-11-7' Date Received: 03/20/03
 Matrix: SOIL MCL/

Analyses	Result	Units	Qual	RL	QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.40		E905.0	03/27/03 17:00 / db

Lab ID: C03030603-010 Collection Date: 03/13/03 14:30
 Client Sample ID: MBE-5-Surface Date Received: 03/20/03
 Matrix: SOIL MCL/

Analyses	Result	Units	Qual	RL	QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.40		E905.0	03/27/03 17:00 / db

Lab ID: C03030603-011 Collection Date: 03/13/03 14:33
 Client Sample ID: MBE-5-3' Date Received: 03/20/03
 Matrix: SOIL MCL/

Analyses	Result	Units	Qual	RL	QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.40		E905.0	03/27/03 17:00 / db

Lab ID: C03030603-012 Collection Date: 03/13/03 14:35
 Client Sample ID: MBE-5-7' Date Received: 03/20/03
 Matrix: SOIL MCL/

Analyses	Result	Units	Qual	RL	QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.40		E905.0	03/27/03 17:00 / db

Report Definitions: RL - Analyte reporting limit.
 QCL - Quality control limit.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Orange Coast Analytical Inc
 Project: Runkle

Lab Order: C03030603
 Report Date: 04/21/03

Lab ID: C03030603-013

Collection Date: 03/13/03 14:45

Client Sample ID: MBE-2-Surface

Date Received: 03/20/03

Matrix: SOIL

MCL/

Analyses	Result	Units	Qual	RL	QCL	Method	Analysis Date / By
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RADIONUCLIDES - TOTAL

Strontium 90	ND	pCi/g-dry		2.40		E905.0	03/27/03 17:00 / db
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Lab ID: C03030603-014

Collection Date: 03/13/03 15:00

Client Sample ID: MBE-2-3'

Date Received: 03/20/03

Matrix: SOIL

MCL/

Analyses	Result	Units	Qual	RL	QCL	Method	Analysis Date / By
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RADIONUCLIDES - TOTAL

Strontium 90	ND	pCi/g-dry		2.40		E905.0	03/27/03 17:00 / db
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Lab ID: C03030603-015

Collection Date: 03/13/03 15:05

Client Sample ID: MBE-2-7'

Date Received: 03/20/03

Matrix: SOIL

MCL/

Analyses	Result	Units	Qual	RL	QCL	Method	Analysis Date / By
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RADIONUCLIDES - TOTAL

Strontium 90	ND	pCi/g-dry		2.00		E905.0	03/28/03 16:00 / db
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Lab ID: C03030603-016

Collection Date: 03/13/03 14:00

Client Sample ID: MBE-12-Surface

Date Received: 03/20/03

Matrix: SOIL

MCL/

Analyses	Result	Units	Qual	RL	QCL	Method	Analysis Date / By
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RADIONUCLIDES - TOTAL

Strontium 90	ND	pCi/g-dry		2.00		E905.0	03/28/03 16:00 / db
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Report Definitions: RL - Analyte reporting limit.
 QCL - Quality control limit.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Orange Coast Analytical Inc
 Project: Runkle

Lab Order: C03030603
 Report Date: 04/21/03

Lab ID: C03030603-017

Collection Date: 03/13/03 14:10

Client Sample ID: MBE-1-Surface

Date Received: 03/20/03

Matrix: SOIL

MCL/

Analyses	Result	Units	Qual	RL	QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Strontium 90	2.10	pCi/g-dry		2.00		E905.0	03/28/03 16:00 / db
Strontium 90 precision (±)	1.20	pCi/g-dry				E905.0	03/28/03 16:00 / db

Lab ID: C03030603-018

Collection Date: 03/13/03 15:00

Client Sample ID: MBE-6-Surface

Date Received: 03/20/03

Matrix: SOIL

MCL/

Analyses	Result	Units	Qual	RL	QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Strontium 90	2.20	pCi/g-dry		2.00		E905.0	03/28/03 16:00 / db
Strontium 90 precision (±)	1.20	pCi/g-dry				E905.0	03/28/03 16:00 / db

Lab ID: C03030603-019

Collection Date: 03/13/03 15:15

Client Sample ID: MBE-3-Surface

Date Received: 03/20/03

Matrix: SOIL

MCL/

Analyses	Result	Units	Qual	RL	QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.00		E905.0	03/28/03 16:00 / db

Lab ID: C03030603-020

Collection Date: 03/13/03 15:30

Client Sample ID: MBE-4-Surface

Date Received: 03/20/03

Matrix: SOIL

MCL/

Analyses	Result	Units	Qual	RL	QCL	Method	Analysis Date / By
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.00		E905.0	03/28/03 16:00 / db

Report Definitions: RL - Analyte reporting limit.
 QCL - Quality control limit.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Orange Coast Analytical Inc
 Project: Runkle

Lab Order: C03030603
 Report Date: 04/21/03

Lab ID: C03030603-021
 Client Sample ID: MBE-4-3'
 Matrix: SOIL

Collection Date: 03/13/03 15:35
 Date Received: 03/20/03

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.00		E905.0	03/28/03 16:00 / db

Lab ID: C03030603-022
 Client Sample ID: MBE-4-7'
 Matrix: SOIL

Collection Date: 03/13/03 15:40
 Date Received: 03/20/03

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.00		E905.0	03/28/03 16:00 / db

Lab ID: C03030603-023
 Client Sample ID: Duplicate 1
 Matrix: SOIL

Collection Date: 03/13/03
 Date Received: 03/20/03

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.00		E905.0	03/28/03 16:00 / db

Lab ID: C03030603-024
 Client Sample ID: Duplicate 2
 Matrix: SOIL

Collection Date: 03/13/03
 Date Received: 03/20/03

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.00		E905.0	03/28/03 16:00 / db

Report Definitions: RL - Analyte reporting limit.
 QCL - Quality control limit.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Orange Coast Analytical Inc
 Project: Runkle

Lab Order: C03030603
 Report Date: 04/21/03

Lab ID: C03030603-025
 Client Sample ID: MBE-10-Surface
 Matrix: SOIL
 Collection Date: 03/14/03 11:45
 Date Received: 03/20/03

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.00		E905.0	03/28/03 16:00 / db

Lab ID: C03030603-026
 Client Sample ID: MBE-9-Surface
 Matrix: SOIL
 Collection Date: 03/14/03 11:50
 Date Received: 03/20/03

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.00		E905.0	03/28/03 16:00 / db

Lab ID: C03030603-027
 Client Sample ID: Background-1
 Matrix: SOIL
 Collection Date: 03/14/03 07:55
 Date Received: 03/20/03

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.00		E905.0	03/28/03 16:00 / db

Lab ID: C03030603-028
 Client Sample ID: Background-2
 Matrix: SOIL
 Collection Date: 03/14/03 08:00
 Date Received: 03/20/03

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.00		E905.0	03/28/03 16:00 / db

Report Definitions: RL - Analyte reporting limit.
 QCL - Quality control limit.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Orange Coast Analytical Inc
 Project: Runkle

Lab Order: C03030603
 Report Date: 04/21/03

Lab ID: C03030603-029
 Client Sample ID: Background-3
 Matrix: SOIL

Collection Date: 03/14/03 12:00
 Date Received: 03/20/03

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.20		E905.0	03/31/03 17:00 / db

Lab ID: C03030603-030
 Client Sample ID: SS-1A
 Matrix: SOIL

Collection Date: 03/14/03 09:30
 Date Received: 03/20/03

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.20		E905.0	03/31/03 17:00 / db

Lab ID: C03030603-031
 Client Sample ID: SS-2A
 Matrix: SOIL

Collection Date: 03/14/03 09:35
 Date Received: 03/20/03

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.20		E905.0	03/31/03 17:00 / db

Lab ID: C03030603-032
 Client Sample ID: SS-3A
 Matrix: SOIL

Collection Date: 03/14/03 09:40
 Date Received: 03/20/03

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.20		E905.0	03/31/03 17:00 / db

Report Definitions: RL - Analyte reporting limit.
 QCL - Quality control limit.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Orange Coast Analytical Inc
 Project: Runkle

Lab Order: C03030603
 Report Date: 04/21/03

Lab ID: C03030603-033
 Client Sample ID: SS-4A
 Matrix: SOIL

Collection Date: 03/14/03 09:50
 Date Received: 03/20/03

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.20		E905.0	03/31/03 17:00 / db

Lab ID: C03030603-034
 Client Sample ID: SS-5A
 Matrix: SOIL

Collection Date: 03/14/03 09:55
 Date Received: 03/20/03

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.20		E905.0	03/31/03 17:00 / db

Lab ID: C03030603-035
 Client Sample ID: SS-6A
 Matrix: SOIL

Collection Date: 03/14/03 10:00
 Date Received: 03/20/03

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.20		E905.0	03/31/03 17:00 / db

Lab ID: C03030603-036
 Client Sample ID: SS-7A
 Matrix: SOIL

Collection Date: 03/14/03 10:05
 Date Received: 03/20/03

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.20		E905.0	03/31/03 17:00 / db

Report Definitions: RL - Analyte reporting limit.
 QCL - Quality control limit.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Orange Coast Analytical Inc
 Project: Runkle

Lab Order: C03030603
 Report Date: 04/21/03

Lab ID: C03030603-037
 Client Sample ID: SS-8A
 Matrix: SOIL

Collection Date: 03/14/03 10:10
 Date Received: 03/20/03

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.20		E905.0	03/31/03 17:00 / db

Lab ID: C03030603-038
 Client Sample ID: SS-9A
 Matrix: SOIL

Collection Date: 03/14/03 10:15
 Date Received: 03/20/03

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.20		E905.0	03/31/03 17:00 / db

Lab ID: C03030603-039
 Client Sample ID: SS-10A
 Matrix: SOIL

Collection Date: 03/14/03 10:40
 Date Received: 03/20/03

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.20		E905.0	03/31/03 17:00 / db

Lab ID: C03030603-040
 Client Sample ID: SS-11A
 Matrix: SOIL

Collection Date: 03/14/03 10:45
 Date Received: 03/20/03

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.20		E905.0	03/31/03 17:00 / db

Report Definitions: RL - Analyte reporting limit.
 QCL - Quality control limit.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Orange Coast Analytical Inc
 Project: Runkle

Lab Order: C03030603
 Report Date: 04/21/03

Lab ID: C03030603-041
 Client Sample ID: SS-12A
 Matrix: SOIL

Collection Date: 03/14/03 10:50
 Date Received: 03/20/03

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.20		E905.0	03/31/03 17:00 / db

Lab ID: C03030603-042
 Client Sample ID: SS-13A
 Matrix: SOIL

Collection Date: 03/14/03 09:45
 Date Received: 03/20/03

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.20		E905.0	03/31/03 17:00 / db

Lab ID: C03030603-043
 Client Sample ID: SS-14A
 Matrix: SOIL

Collection Date: 03/14/03 11:00
 Date Received: 03/20/03

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.80		E905.0	04/01/03 15:15 / db

Lab ID: C03030603-044
 Client Sample ID: SS-15A
 Matrix: SOIL

Collection Date: 03/14/03 11:30
 Date Received: 03/20/03

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.80		E905.0	04/01/03 15:15 / db

Report Definitions: RL - Analyte reporting limit.
 QCL - Quality control limit.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Orange Coast Analytical Inc
 Project: Runkle

Lab Order: C03030603
 Report Date: 04/21/03

Lab ID: C03030603-045
 Client Sample ID: SS-16A
 Matrix: SOIL

Collection Date: 03/14/03 11:40
 Date Received: 03/20/03

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.80		E905.0	04/01/03 15:15 / db

Lab ID: C03030603-046
 Client Sample ID: SS-17A
 Matrix: SOIL

Collection Date: 03/14/03 11:10
 Date Received: 03/20/03

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.80		E905.0	04/01/03 15:15 / db

Lab ID: C03030603-047
 Client Sample ID: Duplicate-1
 Matrix: SOIL

Collection Date: Not Provided
 Date Received: 03/20/03

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.80		E905.0	04/01/03 15:15 / db

Lab ID: C03030603-048
 Client Sample ID: Duplicate-2
 Matrix: SOIL

Collection Date: Not Provided
 Date Received: 03/20/03

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/g-dry		2.80		E905.0	04/01/03 15:15 / db

Report Definitions: RL - Analyte reporting limit.
 QCL - Quality control limit.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Orange Coast Analytical Inc
Project: RunkleLab Order: C03030603
Report Date: 04/21/03

Lab ID: C03030603-049

Collection Date: Not Provided

Client Sample ID: Trip Blank

Date Received: 03/20/03

Matrix: AQUEOUS

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
RADIONUCLIDES - TOTAL							
Strontium 90	ND	pCi/L		10		E905.0	04/01/03 15:15 / db

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Energy Laboratories Inc.

Sample Receipt Checklist

Client Name ORNG-CST-ANLYTCL-INC

Date and Time Received: 3/20/2003 14:00:00

Work Order Number C03030603

Received by sh

Checklist completed by [Signature] 3/20/03 [Date]

Reviewed by _____
Initials Date

Carrier name FedEx

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present
- Custody seals intact on sample bottles? Yes No Not Present
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Container/Temp Blank temperature in compliance? Yes No 10°C
- Water - VOA vials have zero headspace? Yes No No VOA vials submitted
- Water - pH acceptable upon receipt? Yes No Not Applicable

Adjusted? _____ Checked by _____

Any No and/or NA (not applicable) response must be detailed in the comments section below.

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments:

The were two bottles marked as Duplicate-1 for the 3-14-03 samples, SAG faxed client per Mark Noorani bottles matched w/ sampler name. Also per M. Noorani project is Runkle only.

Corrective Action _____

ANALYTICAL SUMMARY REPORT

April 21, 2003

Mark Noorani

Orange Coast Analytical Inc

3002 Dow Ste 532

Tustin, CA 92780

Workorder No.: C03030603

Project Name: Runkle

Energy Laboratories Inc. received the following 49 samples from Orange Coast Analytical Inc on 3/20/2003 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C03030603-001	MBE-7-Surface	03/13/03 10:25	03/20/03	Soil	Digestion For RadioChemistry Strontium 90
C03030603-002	MBE-7-3'	03/13/03 10:40	03/20/03	Soil	Same As Above
C03030603-003	MBE-7-7'	03/13/03 10:50	03/20/03	Soil	Same As Above
C03030603-004	MBE-8-Surface	03/13/03 12:25	03/20/03	Soil	Same As Above
C03030603-005	MBE-8-3'	03/13/03 12:45	03/20/03	Soil	Same As Above
C03030603-006	MBE-8-7'	03/13/03 12:55	03/20/03	Soil	Same As Above
C03030603-007	MBE-11-Surface	03/13/03 13:35	03/20/03	Soil	Same As Above
C03030603-008	MBE-11-3'	03/13/03 13:40	03/20/03	Soil	Same As Above
C03030603-009	MBE-11-7'	03/13/03 13:45	03/20/03	Soil	Same As Above
C03030603-010	MBE-5-Surface	03/13/03 14:30	03/20/03	Soil	Same As Above
C03030603-011	MBE-5-3'	03/13/03 14:33	03/20/03	Soil	Same As Above
C03030603-012	MBE-5-7'	03/13/03 14:35	03/20/03	Soil	Same As Above
C03030603-013	MBE-2-Surface	03/13/03 14:45	03/20/03	Soil	Same As Above
C03030603-014	MBE-2-3'	03/13/03 15:00	03/20/03	Soil	Same As Above
C03030603-015	MBE-2-7'	03/13/03 15:05	03/20/03	Soil	Same As Above
C03030603-016	MBE-12-Surface	03/13/03 14:00	03/20/03	Soil	Same As Above
C03030603-017	MBE-1-Surface	03/13/03 14:10	03/20/03	Soil	Same As Above
C03030603-018	MBE-6-Surface	03/13/03 15:00	03/20/03	Soil	Same As Above
C03030603-019	MBE-3-Surface	03/13/03 15:15	03/20/03	Soil	Same As Above
C03030603-020	MBE-4-Surface	03/13/03 15:30	03/20/03	Soil	Same As Above
C03030603-021	MBE-4-3'	03/13/03 15:35	03/20/03	Soil	Same As Above
C03030603-022	MBE-4-7'	03/13/03 15:40	03/20/03	Soil	Same As Above
C03030603-023	Duplicate 1	03/13/03 0:00	03/20/03	Soil	Same As Above

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030603R0020

C03030603-024	Duplicate 2	03/13/03 0:00	03/20/03	Soil	Same As Above
C03030603-025	MBE-10-Surface	03/14/03 11:45	03/20/03	Soil	Same As Above
C03030603-026	MBE-9-Surface	03/14/03 11:50	03/20/03	Soil	Same As Above
C03030603-027	Background-1	03/14/03 7:55	03/20/03	Soil	Same As Above
C03030603-028	Background-2	03/14/03 8:00	03/20/03	Soil	Same As Above
C03030603-029	Background-3	03/14/03 12:00	03/20/03	Soil	Same As Above
C03030603-030	SS-1A	03/14/03 9:30	03/20/03	Soil	Same As Above
C03030603-031	SS-2A	03/14/03 9:35	03/20/03	Soil	Same As Above
C03030603-032	SS-3A	03/14/03 9:40	03/20/03	Soil	Same As Above
C03030603-033	SS-4A	03/14/03 9:50	03/20/03	Soil	Same As Above
C03030603-034	SS-5A	03/14/03 9:55	03/20/03	Soil	Same As Above
C03030603-035	SS-6A	03/14/03 10:00	03/20/03	Soil	Same As Above
C03030603-036	SS-7A	03/14/03 10:05	03/20/03	Soil	Same As Above
C03030603-037	SS-8A	03/14/03 10:10	03/20/03	Soil	Same As Above
C03030603-038	SS-9A	03/14/03 10:15	03/20/03	Soil	Same As Above
C03030603-039	SS-10A	03/14/03 10:40	03/20/03	Soil	Same As Above
C03030603-040	SS-11A	03/14/03 10:45	03/20/03	Soil	Same As Above
C03030603-041	SS-12A	03/14/03 10:50	03/20/03	Soil	Same As Above
C03030603-042	SS-13A	03/14/03 9:45	03/20/03	Soil	Same As Above
C03030603-043	SS-14A	03/14/03 11:00	03/20/03	Soil	Same As Above
C03030603-044	SS-15A	03/14/03 11:30	03/20/03	Soil	Same As Above
C03030603-045	SS-16A	03/14/03 11:40	03/20/03	Soil	Same As Above
C03030603-046	SS-17A	03/14/03 11:10	03/20/03	Soil	Same As Above
C03030603-047	Duplicate-1		03/20/03	Soil	Same As Above
C03030603-048	Duplicate-2		03/20/03	Soil	Same As Above
C03030603-049	Trip Blank		03/20/03	Aqueous	Strontium 90

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative or Report.

If you have any questions regarding these tests results, please call.

Report Approved By:



ROGER GALINDO
LABORATORY SUPERVISOR

Date: 21-Apr-03

CLIENT: Orange Coast Analytical Inc
Project: Runkle
Sample Delivery Group: C03030603

CASE NARRATIVE

THIS IS THE FINAL PAGE OF THE LABORATORY ANALYTICAL REPORT

BRANCH LABORATORY LOCATIONS

eli-b - Energy Laboratories, Inc. - Billings, MT
eli-cs - Energy Laboratories, Inc. - College Station, TX
eli-g - Energy Laboratories, Inc. - Gillette, WY
eli-h - Energy Laboratories, Inc. - Helena, MT
eli-r - Energy Laboratories, Inc. - Rapid City, SD

SUBCONTRACTING ANALYSIS

Subcontracting of sample analyses to an outside laboratory may be required. If so, ENERGY LABORATORIES will utilize its branch laboratories or qualified contract laboratories for this service. Any such laboratories will be indicated within the Laboratory Analytical Report.

SAMPLE TEMPERATURE COMPLIANCE: 4°C (±2°C)

Temperature of samples received may not be considered properly preserved by accepted standards. Samples that are hand delivered immediately after collection shall be considered acceptable if there is evidence that the chilling process has begun.

ENERGY LABORATORIES, INC. - CASPER, WY certifies that certain method selections contained in this report meet requirements as set forth by NELAC. Some client specific reporting requirements may not require NELAC reporting protocol.

ELI appreciates the opportunity to provide you with this analytical service. For additional information and services visit our web page www.energylab.com.

The total number of pages of this report are indicated by the last four digits of the tracking number located in the lower right corner.

ORANGE COAST ANALYTICAL, INC.

3002 Dow, Suite 532
Tustin, CA 92780
(714) 832-0064, Fax (714) 832-0067

4620 E. Elwood, Suite 4
Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

REQUIRED TAT: **Normal**

CUSTOMER INFORMATION

Mr. Mark Noorani
Orange Coast Analytical, Inc.
3002 Dow St., Suite 532
Tustin, CA 92780

PROJECT INFORMATION

PROJECT NAME: **Rumble Ranch**
NUMBER: **402-0002-02**
LOCATION: **Simi Valley, CA**
ADDRESS:

SAMPLED BY: **Jennifer Canfield / P. Conroy**

ANALYSIS METHOD REQUEST: **Staphylococcus - 90**

SAMPLE ID	J. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	REMARKS/PRECAUTIONS
SS-1A	1	3/14/03	9:30	soil	4oz		
SS-2A			9:35				
SS-3A			9:40				
SS-4A			9:50				
SS-5A			9:55				
SS-6A			10:00				
SS-7A			10:05				
SS-8A			10:10				
SS-9A			10:15				
SS-10A			10:40				
SS-11A			10:45				
SS-12A			10:50				
SS-13A			9:45				
SS-14A			11:00				

Total No. of Samples: **19 + trip blank**
Method of Shipment: **FEDEX**

Relinquished By: **Jennifer Canfield** Date/Time: **3/14/03 4:50p**
 Relinquished By: **Mark Noorani** Date/Time: **3/13/03 4:00p**
 Relinquished By: **Mark Noorani** Date/Time: **3/14/03 4:50pm**

Received By: **Jennifer Canfield** Date/Time: **3/14/03 4:50pm**
 Received By: **Mark Noorani** Date/Time: **3/14/03 4:50pm**

Reporting Format: (check) **NORMAL** S.D. HMMD
RWQCB OTHER
 Sample Integrity: (check) **intact** on ice

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

CUSTOMER INFORMATION		PROJECT INFORMATION				ANALYSIS METHOD REQUEST	REMARKS/PRECAUTIONS
COMPANY:	PROJECT NAME:	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX		
Miller Brooks Environmental	Rumler Ranch		3/14/03	9:30	soil	403	
SEND REPORT TO: Elizabeth Kolobovs	NUMBER: 402-0002-02			9:35			
ADDRESS: 2124 Mann Street, Ste 200	LOCATION: Simi Valley, CA			9:40			
HB, CA 927648	ADDRESS:			9:50			
PHONE: 7149604088	SAMPLED BY: Jennifer Canfield / R. Conroy			9:55			
FAX: 7149602462				10:00			
SS-1A				10:05			
SS-2A				10:10			
SS-3A				10:15			
SS-4A				10:40			
SS-5A				10:45			
SS-6A				11:00			
SS-7A							
SS-8A							
SS-9A							
SS-10A							
SS-11A							
SS-12A							
SS-13A							
SS-14A							
Total No. of Samples: 19 + trip blank		Method of Shipment:					
Relinquished By: Jennifer Canfield	Date/Time: 3/14/03 4:56p	Received By:		Date/Time:		Reporting Format: (check)	
Relinquished By:	Date/Time:	Received By:		Date/Time:		NORMAL <input type="checkbox"/> S.D. HMMD <input type="checkbox"/>	
Relinquished By:	Date/Time:	Received By: Jennifer Canfield		Date/Time: 3/14/03 4:50 PM		RWQCB <input type="checkbox"/> OTHER <input type="checkbox"/>	
Relinquished By:	Date/Time:	Received By:		Date/Time:		Sample Integrity: (check)	
						intact <input type="checkbox"/> on ice <input type="checkbox"/>	

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.



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Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

CUSTOMER INFORMATION

COMPANY: Miller Proxos Environmental
SEND REPORT TO: Elizabeth Robbins
ADDRESS: 2704 Main St., Ste 200
HB, CA 92648

PROJECT INFORMATION

PROJECT NAME: Runkle Canyon
NUMBER: 402-0002-02
LOCATION: Simi Valley, CA
ADDRESS:

PHONE: 714960-4088 FAX: 714960-2462

SAMPLED BY: RM for Our field Richard Camp

NO. OF CONTAINERS	SAMPLE ID	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	REMARKS/PRECAUTIONS
1	MBE-2-7'	3/14/03	3:05	spill	jar	dry	
	MBE-12-surface		2:00		jar		
	MBE-1-surface		2:10				
	MBE-10-surface		3:00				
	MBE-3-surface		3:15				
	MBE-4-surface		3:30				
	MBE-4-3'		3:35		brass ring		
	MBE-4-7'		3:40		brass ring		
	Duplicate-1		-		jar		
	Duplicate-2		-		jar		
1	MBE-10-surface	3/14/03	11:45		jar		
1	MBE-9-surface	3/14/03	11:50		jar		
	Background-1		7:55				
	Background-2		8:00				

Total No. of Samples: 19 / 29 total

Method of Shipment:

Relinquished By: *Richard Camp* Date/Time: 3/15/03

Received By: *Richard Camp* Date/Time: 3:00

Relinquished By: _____ Date/Time: _____

Received By: _____ Date/Time: _____

Relinquished By: _____ Date/Time: _____

Received For Lab By: _____ Date/Time: _____

Reporting Format: (check)

NORMAL _____ S.D. HMMD _____

RWQCB _____ OTHER _____

Sample Integrity: (check)

intact _____ on ice _____

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

REQUIRED TAT: Normal

ANALYSIS/METHOD REQUEST
590
SR90



ORANGE COAST ANALYTICAL, INC.

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Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970

REQUIRED TAT: _____

Normal

ANALYSIS METHOD REQUEST
Stonham-90

CUSTOMER INFORMATION		PROJECT INFORMATION	
COMPANY: Miller Brooks Environmental	PROJECT NAME: Runkle Canyon	NO. OF CONTAINERS: 1	SAMPLED BY: Jennifer Cunfield/CMens
SEND REPORT TO: Elizabeth Robbins	NUMBER: 402-002-02	SAMPLE DATE: 3/13/03	CONTAINER TYPE: 405 jar
ADDRESS: 224 Main Street, Ste 200	LOCATION: Simi Valley, CA	SAMPLE TIME: 10:25	SAMPLE MATRIX: Soil
Huntington Beach, CA 92648	ADDRESS:	10:40	10:50
PHONE: 714 960-4088 FAX: 714 960-4622		12:25	12:45
		12:55	1:35
		1:40	1:45
		2:30	2:33
		2:35	2:45
		3:00	

SAMPLE ID	NO. OF CONTAINERS	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.	REMARKS/PRECAUTIONS
MBE-7-SURFACE	1	3/13/03	10:25	Soil	405 jar		
MBE-7-3'			10:40		ring		
MBE-7-7'			10:50		↓ jar		
MBE-B-SURFACE			12:25		jar		
MBE-B-3'			12:45		ring		
MBE-B-7'			12:55		↓ jar		
MBE-11-SURFACE			1:35		ring		
MBE-11-3'			1:40		↓ jar		
MBE-11-7'			1:45		ring		
MBE-S-SURFACE			2:30		jar		
MBE-S-3'			2:33		ring		
MBE-S-7'			2:35		↓ jar		
MBE-2-SURFACE			2:45		jar		
MBE-2-3'			3:00		ring		

Total No. of Samples: 14/29 total		Method of Shipment:	
Relinquished By: Jennifer Cunfield	Date/Time: 3/13/03	Received By: [Signature]	Date/Time: 3:00
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:
Reporting Format: (check)		Reporting Format: (check)	
NORMAL		S.D. HMMD	
RWQCB		OTHER	
Sample Integrity: (check)		Sample Integrity: (check)	
intact		on ice	

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

APPENDIX C

8.0 DETERMINATION OF NATURAL TRITIUM

To further investigate the levels of tritium present in natural water in the local area, to permit some judgment as to what is "natural" and what is "artificial" tritium, the results identified by consideration of the previous plot as "natural" are displayed in Figure 8-1, as a cumulative probability plot. In this plot, an estimated Gaussian distribution, determined by a least-squares fit to the data, is shown by the diagonal straight line passing through the points. If the points were perfectly selected from a Gaussian distribution, the points would all be exactly on the line. The observed agreement is quite good.

This natural or background tritium set consists of the following samples and results (in pCi/L \pm 2-sigma):

1. 17th and G Streets surface drainage	42.9 \pm 9.07
2. Chatsworth swimming pool	36.7 \pm 9.50
3. Tap water from LADWP, Chatsworth	35.8 \pm 8.54
4. R-2A pond (9/18/89)	34.0 \pm 8.40
5. Bell Creek (9/18/89)	30.0 \pm 8.12
6. Tap water from LADWP, Canoga Park	29.7 \pm 10.1
7. ETEC Power Pak cooling tower water	28.8 \pm 8.51
8. Arrowhead bottled drinking water	26.1 \pm 7.69
9. R-2A pond (6/21/90)	20.8 \pm 8.99
10. SRE pond (9/17/89)	20.1 \pm 7.42
11. SRE pond (6/28/90)	19.1 \pm 8.77
12. RMDF pond	17.0 \pm 7.30
13. Ventura County Waterworks, Moorpark	16.6 \pm 8.52
14. Rainfall (9/17/89)	15.8 \pm 7.14
15. Canadian Glacier bottled drinking water	15.4 \pm 8.31
16. WS-5 (depth to water 405 ft)	12.7 \pm 8.37
17. RD-18 (depth to water 84 ft)	11.3 \pm 8.08
18. RD-7 (depth to water 70 ft)	10.0 \pm 7.96
19. Dead Water (UST)	8.86 \pm 7.97
20. RD-25 (depth to water 50 ft)	8.73 \pm 7.88

21. R-1 pond	7.55 ± 7.95
22. RD-21 (depth to water 105 ft)	5.84 ± 7.72
23. Dead Water (UST)	4.34 ± 3.27
24. Dead Water (UST)	3.33 ± 3.13
25. RD-25 (depth to water 50 ft)	3.24 ± 6.93
26. Dead Water (UST)	1.99 ± 3.15
27. Dead Water (UST)	1.50 ± 7.78
28. Dead Water (UST)	0.53 ± 3.03
29. RD-22 (depth to water 303 ft)	-0.58 ± 7.37
30. Golden Wilderness bottled drinking water	-3.07 ± 7.32

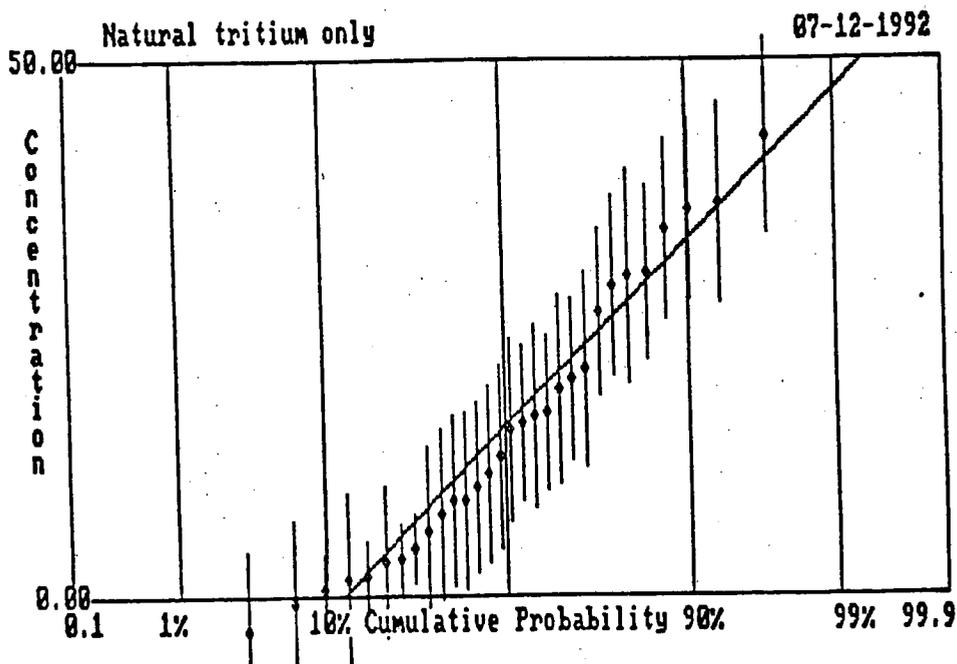


Figure 8-1. Cumulative Probability Plot of Results of Tritium-in-Water Analyses by U.S. Testing, Using Electrolytic Enrichment, for "Natural" Water Samples. The Straight Line Through Most of the Data Points Represents an Approximate Gaussian Distribution