



October 13, 2009
Project No. 20092474V1

Mr. Ranajit Sahu, C.E.M., Ph.D.
Basic Remediation Company
875 West Warm Springs Road
Henderson, Nevada 89011

RE: Southern RIBs Sub-Area Soil Re-Sampling, Henderson, Nevada

Dear Dr. Sahu:

PROVIDING

- Geotechnical Engineering
- Construction Materials Engineering
- Environmental Engineering
- Drilling Services

On September 11, 2009 through September 17, 2009, Geotechnical and Environmental Services, Inc. (GES) implemented a sampling program per the direction of Basic Remediation Company (BRC). This activity report details the scope of services performed, which consisted of the following:

- September 10, 2009: Staked and located forty three (43) sampling locations with a GPS Trimble ProXH Unit. The sample location coordinates were provided by ERM.
- September 11 – September 17, 2009: Collected forty four (44) samples from the surface using hand sampling methods throughout the site. Five (5) duplicate samples were taken, while two (2) MS/MSD samples were collected. Two (2) rinsate samples were taken throughout the sampling event.

GES's scope of services was to implement the field sampling program so that others can evaluate the data resulting from our sampling efforts. Therefore, this report does not provide conclusions regarding the analytes or their levels of occurrence.

Field Investigation Methodology

Soils - Soil samples were taken from forty four (44) surface locations by hand sampling methods. The samples submitted for chemical analyses were collected in clean 2.5-inch diameter by 6.0-inch long stainless steel sleeves using hand sampling methods. The ends of each sleeve(s) retained for analysis were covered with Teflon sheeting and placed in a sealable ZipLock™ type plastic bag. The samples submitted for asbestos analysis were collected in accordance with the Elutriation Method and shipped in eight-ounce wide-mouth polyethylene containers.

Each sample was provided a unique sampling number with the following designation: Sample Location, Date, and Time. For example, the first sampling location was identified as SRC2-J18S-Wall, 9/11/09, 1325, while the final sampling location (matrix spike duplicate) was identified as SRC2-J34-0, 9/17/09, 0958. The soil samples were stored in coolers with ice and shipped daily via FedEx to Test America Laboratories (Earth City, Missouri), GEL Laboratory (Charleston, South Carolina) and EMSL Laboratory (Westmont, New Jersey).

"We Make the Ground Work for You..."

7150 Placid Street Las Vegas, NV 89119
(702) 365-1001 • Fax (702) 341-7120
www.gesnevada.com

The health and safety monitoring effort complied with the **BRC Health and Safety Plan, October, 2005.**

Decontamination Procedures

The sampling equipment was decontaminated prior to initial usage and then between each location. Decontamination of the equipment consisted of a Liquinox™ detergent wash, a potable water rinse, and a final rinse with commercially available distilled water.

Investigative Derived Waste (IDW)

Investigative Derived Waste consisted of a small quantity of equipment decontamination waste (Liquinox laboratory grade detergent and rinse water). Decontamination fluid was minimal and disposed of appropriately.

Documentation

Documentation of the field activities consists of figures showing the site location (Vicinity Map, Figure 1), sample locations (Site Map, Figure 2) and photographs of representative boring locations (Figure 3). These documents are included as attachments. Copies of the Chain-of-Custodies are also included as attachments.

Changes to Original Planned Work

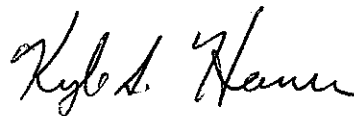
During this work there were no modifications to the original scope of services.

We appreciate this opportunity to provide our professional services. If you have questions or comment, feel free to contact our office at (702) 365-1001.

Sincerely,
Geotechnical & Environmental Services, Inc.



Richard A. Cooke, C.E.M.
Project Geologist
C.E.M. #1820



Kyle S. Hansen, C.E.M.
Environmental Program Manager
C.E.M. #2167

RAC:KSH:vm:ac

Enc.: Figures 1, 2 and 3
Chain-of-Custody Records (14)

Dist: 1 pdf copy emailed to client at sahuron@earthlink.net
1 original mailed to addressee
1 cc to project file

**FIGURES:
VICINITY MAP
SAMPLE LOCATION MAP
PHOTOGRAPHS**



 **SITE LOCATION**



**GEOTECHNICAL &
ENVIRONMENTAL
SERVICES, INC.**
(702) 365-1001
7150 Placid Street
Las Vegas, Nevada 89119

Vicinity Map
Southern RIBs Sub-Area
Henderson, Nevada

Job #20092474V1

Figure 1



1. Area 1: View toward the east showing a portion of Area 1. Sample location SRC2-AH16W is visible in the foreground.



2. Area 2: View toward the west along the northwest portion of Area 2.



3. Area 3: View toward the north (from area 2) showing the southwest portion of Area 3).



4. Area 4: View toward the southwest showing the northwest portion of Area 4. View is from the north boundary fence.



5. View showing the northwest portion of Area 4. Sample location SRC2-J21 is visible in the foreground.



6. North Boundary (fence-line); View toward the west along the north boundary. Sample location SRC2-J21 is visible in the foreground.

CHAIN-OF-CUSTODY FORMS

page 1/2

Name: Maria Barajas-Albalawi
Address: 2525 Natomas Park Drive, Suite 350
Sacramento, CA 95833
Phone #: (916) 924-9378

LABORATORY: TestAmerica-St. Louis

Contact Person: Jerry Everett
Address: 13715 Rider Trail North
Earth City, Missouri 63045
Phone: (314) 298-8566

FED EX #:

Date: 9-11-09

SAMPLER(S) PRINTED NAME AND SIGNATURE

Richard Cooke / Richard Cooke

ANALYSIS REQUEST

PROJECT NAME: Southern RIBs Re-Sampling

PROJECT NUMBER: 20082449V1

Container

[illegible]

Comments/Instructions:

Analyze at TA-Sacramento

⁴ Please report results in dry weight, therefore all soil will require % moisture testing.

Analyze at TA-Nashville

⁵Extract samples for Aroclors by 8082 only. If sum of the congeners result (method 1668) is greater than 33 ppb, please analyze for aroclors by 8082

Analyze at TA-Burlington

Signature:

Print Name:

Company Name/Title:

Date:

Time:

RELINQUISHED BY: Richard Cooke

Richard Cooke

GES/Bedogist

9-11-09	1700
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RECEIVED BY: *FedEx Air Bill*

RELINQUISHED BY:

RECEIVED BY:

For Lab Use Only: Sample Condition Upon Receipt:

ORIGINAL: Send with sample (sign only in blue or black ink)

COPIES: Retained by Sampler, Sent to Office

Page 2/2

Name: Maria Barajas-Albalawi
Address: 2525 Natomas Park Drive, Suite 350
Sacramento, CA 95833
Phone #: (916) 924-9378

LABORATORY: TestAmerica-St. Louis

Contact Person: Jerry Everett
Address: 13715 Rider Trail North
Earth City, Missouri 63045
Phone: (314) 298-8566

FED EX #:

Date: 9-11-09

[illegible]**Comments/Instructions:**

- ¹ Analyze at TA-Sacramento
² Analyze at TA-Nashville
³ Analyze at TA-Burlington
⁴ Please report results in dry weight, therefore all soil will require % moisture testing.
⁵ Extract samples for Aroclors by 8082 only. If sum of the congeners result (method 1668) is greater than 33 ppb, please analyze for aroclors by 8082

Signature:		Print Name:	Company Name/Title:	Date:	Time:
RELINQUISHED BY:	<i>Richard Cooke</i>	Richard Cooke	GES/Geologist	7-11-09	1700
RECEIVED BY:	Fed Ex Air B. U				
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For Lab Use Only: Sample Condition Upon Receipt:

ORIGINAL: Send with sample (sign only in blue or black ink)

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ERM CONTACT PERSON

Name: Maria Barajas-Albalawi
Address: 2525 Natomas Park Drive, Suite 350
Sacramento, CA 95833
Phone #: (916) 924-9378

LABORATORY: TestAmerica-St. Louis

Contact Person: Jerry Everett
Address: 13715 Rider Trail North
Earth City, Missouri 63045
Phone: (314) 298-8566

FED EX #:

Date: 9-14-09

SAMPLER(S) PRINTED NAME AND SIGNATURE

Phil Brinkhoff / Phil Brinkhoff

ANALYSIS REQUEST

PROJECT NAME: SOUTHERN RIBS SUB AREA RE-SAMPLING

PROJECT NUMBER: 20092474V1

Container

[illegible]**Comments/Instructions:**

* Please refer to Table 5 (Southern Ribs Sampling: emailed on October 17, 2008)

¹ Analyze at TA-Sacramento

⁴ Please report results in dry weight, therefore all soil will require % moisture testing.

² Analyze at TA-Nashville

⁵ Extract samples for Aroclors by 8082 only. If sum of the congeners result (method 1668) is greater than 33 ppb, please analyze for aroclors by 8082

³ Analyze at TA-Burlington

Signature:

Print Name:

Company Name/Title:

Date: Time:

RELINQUISHED BY:

Phil Brinkerhoff

GES/Geologist

7-14-09	1600
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COPIES: Retained by Sampler, Sent to Office

ERM CONTACT PERSON

Name: Maria Barajas-Albalawi
Address: 2525 Natomas Park Drive, Suite 350
Sacramento, CA 95833
Phone #: (916) 924-9378

LABORATORY: TestAmerica-St. Louis

Contact Person: Jerry Everett
Address: 13715 Rider Trail North
Earth City, Missouri 63045
Phone: (314) 298-8566

FED EX #: 7969 5534 7415 & 7979 4300 7791

Date: 9-17-09

SAMPLER(S) PRINTED NAME AND SIGNATURE

Phil Brinkerhoff / *Phil Brinkerhoff*

ANALYSIS REQUEST

PROJECT NAME: Southern RIBs SUB AREA

PROJECT NUMBER: 20092474V1

Container

[illegible]

Comments/Instructions:

Analyze at TA-Sacramento

² Extract samples for Aroclors by 8082 only. If sum of the congeners result (method 1668) is greater than 33 ppb, please analyze for aroclors by 8082

Signature:

Print Name:

Company Name/Title:

Date: _____

Time:

RELINQUISHED BY: P. P. B. B. B.

Phil Brunkhoff

GES / Geoloeist

9-17-DA	1600
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ORIGINAL: Send with sample (sign only in blue or black ink)

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ERM CHAIN OF CUSTODY RECORD

ERM CONTACT PERSON

Name: Maria Barajas-Albalawi
Address: 2525 Natomas Park Drive, Suite 350
Sacramento, CA 95833
Phone #: (916) 924-9378

LABORATORY: GEL Laboratories, LLC

Contact Person: Amanda Rasci
Address: 2040 Savage Road
Charleston, SC 29407
Phone: (843) 556-8177

FED EX #: 7969 5533 5216

Date: 9-17-09

SAMPLER(S) PRINTED NAME AND SIGNATURE

Phil Brinkerhoff / *Phil Brinkerhoff*

ANALYSIS REQUEST

PROJECT NAME: Southern RIBs SUB AREA

PROJECT NUMBER: 20092474V1

SAMPLE ID	DATE	TIME	Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	EDA	RADIONUCL	PERCHLORA	SVOCs* by 81	PAH'S* by 82	PERCENT MM																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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Comments/Instructions:

RELINQUISHED BY:	Signature:	Print Name:	Company Name/Title:	Date:	Time:
RECEIVED BY:	<i>Phil Brinkerhoff</i>	Phil Brinkerhoff	GES / Geologist	9-17-09	
RELINQUISHED BY:					
RECEIVED BY:					

For Lab Use Only: Sample Condition Upon Receipt:

ORIGINAL: Send with sample (sign only in blue or black ink)

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