

ZALCO LABORATORIES, INC.

Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

June 3, 2015

Jennifer Brady
E & B Natural Resources Corp.
3000 James Rd
Bakersfield, CA 93308

TEL: (661) 428-6146
FAX: (661) 616-6179

Project ID:
RE: 1505302

Dear Jennifer Brady:

Zalco Laboratories, Inc. received 1 samples on 5/21/2015 for the analyses presented in the following report.

We appreciate your business and look forward to serving you in the future. Please feel free to call our office if you have any questions regarding these test results.

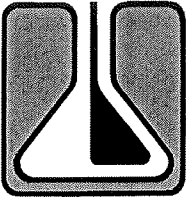
Sincerely,

A handwritten signature in black ink, appearing to read "Juan Magana", is written over a horizontal line.

Juan Magana
Project Manager
CC:

NSS: Non Sufficient Sample H: Exceeds Analysis Hold Time TTLC: Total Threshold Limit Concentration STLC: Soluble Threshold Limit Concentration TCLP: Toxicity Characteristic Leaching Procedure MCL: Maximum Contaminant Level *: See Case Narrative
The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Note: Samples analyzed for regulatory purposes should be put on ice immediately after sampling and received by the laboratory at temperatures between 0-6°C. Microbiological analysis requires samples to be at least 4-10°C when received at the laboratory. For additional information regarding the limitations of the method(s) referred to, please call us at 661-395-0539.



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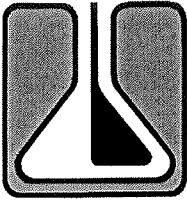
Table with 3 columns: Client Information (E & B Natural Resources Corp.), Project Information (Project: Master-4Q2013), and Work Order Information (Work Order No.: 1505302).

Table with 2 columns: Sample Information (Lab Sample ID: 1505302-01) and Collection Information (Collected By: Jennifer Brady).

Main analytical results table with columns: Analyte, Results, MDL, PQL, Units, Flag, Method, Date Prepared, Date Analyzed, and Init. Includes sections for CAM Corrosivity, CAM Ignitability of Solids, CAM Reactivity, CAM Toxicity (17 Metals), and Petroleum Hydrocarbons.

NSS: Non Sufficient Sample H: Exceeds Analysis Hold Time TTLC: Total Threshold Limit Concentration STLC: Soluble Threshold Limit Concentration TCLP: Toxicity Characteristic Leaching Procedure MCL: Maximum Contaminant Level *: See Case Narrative

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E & B Natural Resources Corp. 3000 James Rd Bakersfield, CA 93308	Project: Master-4Q2013 Project #: Attention: Jennifer Brady	Work Order No.: 1505302 Reported: 06/03/2015 Received: 05/21/2015 15:25
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Lab Sample ID: 1505302-01 Client Sample ID: GIG Soil Sample @ 12	Collected By: Jennifer Brady Date Collected: 5/20/2015 2:00:00PM
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Analyte	Results	MDL	PQL	Units	Flag	Method	Date Prepared	Date Analyzed	Init.
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Petroleum Hydrocarbons

Surrogates	% Recovery	Recovery Limits	Flag
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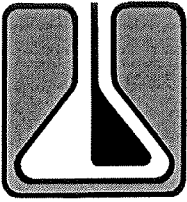
a,a,a-Trifluorotoluene	115	24-120		5/29/15 8:57
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Volatile Organic Compounds

Ethyl Acetate	<50.0		50.0	ug/kg	SW846 8260B	5/29/15	5/29/15	HLP
Acetone	<50.0	10.8	50.0	ug/kg	SW846 8260B	5/29/15	5/29/15	HLP
Acrolein	<20.0	4.87	20.0	ug/kg	SW846 8260B	5/29/15	5/29/15	HLP
Acrylonitrile	<20.0	1.14	20.0	ug/kg	SW846 8260B	5/29/15	5/29/15	HLP
Benzene	<5.00	0.370	5.00	ug/kg	SW846 8260B	5/29/15	5/29/15	HLP
Bromobenzene	<5.00	0.440	5.00	ug/kg	SW846 8260B	5/29/15	5/29/15	HLP
Bromochloromethane	<5.00	0.600	5.00	ug/kg	SW846 8260B	5/29/15	5/29/15	HLP
Bromodichloromethane	<5.00	0.370	5.00	ug/kg	SW846 8260B	5/29/15	5/29/15	HLP
Bromoform	<5.00	0.300	5.00	ug/kg	SW846 8260B	5/29/15	5/29/15	HLP
Bromomethane	<5.00	3.32	5.00	ug/kg	SW846 8260B	5/29/15	5/29/15	HLP
2-Butanone	<50.0	32.0	50.0	ug/kg	SW846 8260B	5/29/15	5/29/15	HLP
tert-Butyl alcohol	<50.0	24.8	50.0	ug/kg	SW846 8260B	5/29/15	5/29/15	HLP
n-Butylbenzene	<5.00	0.640	5.00	ug/kg	SW846 8260B	5/29/15	5/29/15	HLP
sec-Butylbenzene	<5.00	0.230	5.00	ug/kg	SW846 8260B	5/29/15	5/29/15	HLP
tert-Butylbenzene	<5.00	0.180	5.00	ug/kg	SW846 8260B	5/29/15	5/29/15	HLP
Carbon disulfide	<5.00	0.640	5.00	ug/kg	SW846 8260B	5/29/15	5/29/15	HLP
Carbon Tetrachloride	<5.00	0.590	5.00	ug/kg	SW846 8260B	5/29/15	5/29/15	HLP
Chlorobenzene	<5.00	0.280	5.00	ug/kg	SW846 8260B	5/29/15	5/29/15	HLP
Chloroethane	<5.00	2.59	5.00	ug/kg	SW846 8260B	5/29/15	5/29/15	HLP
2-Chloroethyl vinyl ether	<5.00	0.190	5.00	ug/kg	SW846 8260B	5/29/15	5/29/15	HLP
Chloroform	<5.00	0.490	5.00	ug/kg	SW846 8260B	5/29/15	5/29/15	HLP
Chloromethane	<5.00	1.45	5.00	ug/kg	SW846 8260B	5/29/15	5/29/15	HLP
2-Chlorotoluene	<5.00	0.680	5.00	ug/kg	SW846 8260B	5/29/15	5/29/15	HLP
4-Chlorotoluene	<5.00	1.19	5.00	ug/kg	SW846 8260B	5/29/15	5/29/15	HLP
Dibromochloromethane	<5.00	0.410	5.00	ug/kg	SW846 8260B	5/29/15	5/29/15	HLP
1,2-Dibromo-3-chloropropane	<5.00	2.09	5.00	ug/kg	SW846 8260B	5/29/15	5/29/15	HLP
1,2-Dibromoethane	<5.00	0.280	5.00	ug/kg	SW846 8260B	5/29/15	5/29/15	HLP
Dibromomethane	<5.00	0.330	5.00	ug/kg	SW846 8260B	5/29/15	5/29/15	HLP
1,2-Dichlorobenzene	<5.00	3.12	5.00	ug/kg	SW846 8260B	5/29/15	5/29/15	HLP
1,3-Dichlorobenzene	<5.00	0.440	5.00	ug/kg	SW846 8260B	5/29/15	5/29/15	HLP

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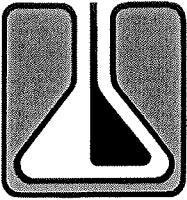
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Lab Sample ID: 1505302-01 Client Sample ID: GIG Soil Sample @ 12	Collected By: Jennifer Brady Date Collected: 5/20/2015 2:00:00PM
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Analyte	Results	MDL	PQL	Units	Flag	Method	Date Prepared	Date Analyzed	Init.
Volatile Organic Compounds									
1,4-Dichlorobenzene	<5.00	0.430	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
Dichlorodifluoromethane	<5.00	0.820	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
1,1-Dichloroethane	<5.00	0.400	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
1,2-Dichloroethane	<5.00	0.340	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
1,1-Dichloroethene	<5.00	0.650	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
cis-1,2-Dichloroethene	<5.00	0.750	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
trans-1,2-Dichloroethene	<5.00	0.560	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
1,2-Dichloropropane	<5.00	0.560	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
1,3-Dichloropropane	<5.00	0.200	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
2,2-Dichloropropane	<5.00	0.870	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
1,1-Dichloropropene	<5.00	0.610	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
Di-isopropyl ether	<5.00	0.570	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
cis-1,3-Dichloropropene	<5.00	0.570	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
trans-1,3-Dichloropropene	<5.00	0.470	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
Ethyl tert-Butyl Ether	<5.00	0.400	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
Ethyl Benzene	15.9	0.280	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
Hexachlorobutadiene	<5.00	0.670	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
2-Hexanone	<50.0	8.57	50.0	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
Iodomethane	<5.00	0.790	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
Isopropylbenzene	<5.00	0.180	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
4-Isopropyltoluene	<5.00	0.360	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
Methylene Chloride	<5.00	1.72	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
4-Methyl-2-pentanone	<50.0	22.6	50.0	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
Methyl tert-Butyl Ether	<5.00	0.670	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
Naphthalene	<5.00	0.320	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
n-Propylbenzene	6.83	0.520	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
Styrene	<5.00	0.240	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
Tert-Amyl Methyl Ether	<5.00	1.00	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
1,1,1,2-Tetrachloroethane	<5.00	0.180	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
1,1,2,2-Tetrachloroethane	<5.00	0.340	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
Tetrachloroethene	<5.00	0.450	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
Toluene	34.0	0.310	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
1,2,3-Trichlorobenzene	<5.00	0.260	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
1,2,4-Trichlorobenzene	<5.00	0.680	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
1,1,1-Trichloroethane	<5.00	0.560	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP

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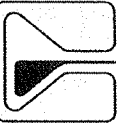
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Volatile Organic Compounds									
1,1,2-Trichloroethane	<5.00	0.490	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
Trichloroethene	<5.00	0.440	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
Trichlorofluoromethane	<5.00	0.570	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
1,2,3-Trichloropropane	<5.00	0.340	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
1,2,4-Trimethylbenzene	34.2	0.570	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
1,3,5-Trimethylbenzene	10.2	0.650	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
Vinyl acetate	<5.00	1.96	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
Vinyl chloride	<5.00	0.790	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
o-Xylene	29.0	0.570	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
Xylenes, total	101			ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
m,p-Xylene	72.0	1.08	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP
1,1,2-Trichloro-1,2,2-Trifluoroethane	<5.00	1.51	5.00	ug/kg		SW846 8260B	5/29/15	5/29/15	HLP

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 4309 Armour Avenue, Bakersfield, CA 93308 (661) 395-0539 FAX (661) 395-3069 www.zalcolabs.com

Page _____ of _____
 Zalco Lab # _____
 Client PO # _____

REPORT INFO

INVOICE INFO

ANALYSIS

Client: E-B Natural Resources Invoice To: Same as Client

Address: 3000 James Rd Address:

City, State, Zip: Bake CA 93308 City, State, Zip:

Attention: Janet Brady Attention:

Phone: Phone:

Fax: Fax:

Results: Email:

Results: Janet Brady@ebresources.com Email:

SAMPLED BY: _____ EMPLOYED BY: E-B

Sample No. * _____ Sample Description _____ Date _____ Sample Time _____ Sample Type * _____

1 Glycol soil sample @ 12' 7/21/15 1400 S

CONTAINERS

CAM 17

VOC

TPH

Ignitability

pH

reactive sulfide

TEMPERATURE (C)

PROJECT ID: _____

QUOTE ID: _____

COMMENTS:

Turnaround Time: _____ working days

Route: _____ working days

Rush By: 5 working days

Send Copy to State of CA? Yes No

Attention To: _____

Send Copy to County? Yes No

County: _____

Relinquished By: Signature _____ PRINT _____

Company: E-B Date: 7/21/15 Time: 1400 RECEIVED BY: Signature _____ PRINT _____

NOTE: Samples are discarded 30 days after results unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client's expense.

*Sample Type Key: AQ-Aqueous; BS-Biosolid; DW-Drinking Water; GW-Ground Water; G-Gas; LPG-Liquid Petroleum Gas; OL-Oil; O-Other; P-Petroleum; S-Soil/Solid; ST-Storm Water; WW-Wastewater
 *Sample No.: FOR OFFICE USE ONLY