

ZALCO LABORATORIES, INC.

Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

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

June 19, 2015

Joe Covello
Central California Oil Company
P O Box 22050
Bakersfield, CA 93390

TEL: -
FAX: -

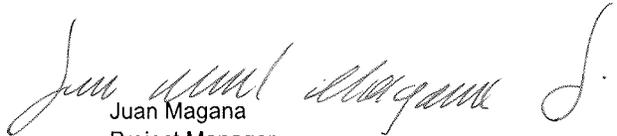
Project ID:
RE: 1504157

Dear Joe Covello:

Zalco Laboratories, Inc. received 1 samples on 4/14/2015 for the analyses presented in the following report.

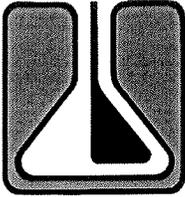
We appreciate your business and look forward to serving you in the future. Please feel free to call our office if you have any questions regarding these test results.

Sincerely,


Juan Magana
Project Manager
CC:

NSS: Non Sufficient Sample H: Exceeds Analysis Hold Time TTL: 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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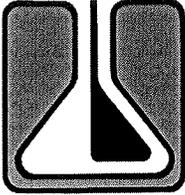
Central California Oil Company P O Box 22050 Bakersfield, CA 93390	Project: RWQCB Oilfield Ponds - 2Q2015 Project #: Attention: Joe Covello	Work Order No.: 1504157 Reported: 06/19/2015 Received: 04/14/2015 15:48
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Lab Sample ID: 1504157-01	Collected By:
Client Sample ID: Suzanne Lease Wash Tank Upstream Of Sump	Date Collected: 4/14/2015 12:57:00PM

Analyte	Results	PQL	Units	Flag	Method	Date Prepared	Date Analyzed	Init.
Alkalinity								
Total Alkalinity	4500	10	mg/L		SM 2320B	4/15/15	4/15/15	SAM
Bicarbonate (HCO3)	4500	10	mg/L		SM 2320B	4/15/15	4/15/15	SAM
Carbonate (CO3)	<10	10	mg/L		SM 2320B	4/15/15	4/15/15	SAM
Hydroxide (OH)	<10	10	mg/L		SM 2320B	4/15/15	4/15/15	SAM
CAM, Toxicity (17 Metals)								
			<i>TTLC Limits</i>					
Antimony	<0.20	0.20	500	mg/L	SW846 6010B	4/17/15	4/21/15	SS
Arsenic	<0.020	0.020	500	mg/L	SW846 6010B	4/17/15	4/21/15	SS
Barium	6.6	0.10	10000	mg/L	SW846 6010B	4/17/15	4/21/15	SS
Beryllium	<0.010	0.010	75	mg/L	SW846 6010B	4/17/15	4/21/15	SS
Cadmium	<0.010	0.010	100	mg/L	SW846 6010B	4/17/15	4/21/15	SS
Chromium	<0.050	0.050	2500	mg/L	SW846 6010B	4/17/15	4/21/15	SS
Cobalt	<0.10	0.10	8000	mg/L	SW846 6010B	4/17/15	4/21/15	SS
Copper	0.099	0.050	2500	mg/L	SW846 6010B	4/17/15	4/21/15	SS
Lead	<0.050	0.050	1000	mg/L	SW846 6010B	4/17/15	4/21/15	SS
Mercury	<0.0020	0.0020	20	mg/L	SW846 7470A	4/16/15	4/16/15	SS
Molybdenum	<0.10	0.10	3500	mg/L	SW846 6010B	4/17/15	4/21/15	SS
Nickel	0.061	0.050	2000	mg/L	SW846 6010B	4/17/15	4/21/15	SS
Selenium	<0.05	0.05	100	mg/L	SW846 6010B	4/17/15	4/21/15	SS
Silver	<0.020	0.020	500	mg/L	SW846 6010B	4/17/15	4/21/15	SS
Thallium	<0.50	0.50	700	mg/L	SW846 6010B	4/17/15	4/21/15	SS
Vanadium	<0.10	0.10	2400	mg/L	SW846 6010B	4/17/15	4/21/15	SS
Zinc	0.068	0.050	5000	mg/L	SW846 6010B	4/17/15	4/21/15	SS
General Chemistry								
			<i>MCL Limits</i>					
Fluoride	<1.0	1.0	2	mg/L	EPA 300.0	4/15/15	4/15/15	MSS
Nitrate as NO3	<20.0	20.0	45	mg/L	EPA 300.0	4/15/15	4/15/15	MSS
Electrical Conductivity	18	0.010		mmhos/cm	SM 2510B	4/15/15	4/15/15	SAM
Bromide	24	1.0		mg/L	EPA 300.0	4/15/15	4/15/15	MSS
Chloride	3800	500		mg/L	EPA 300.0	4/15/15	4/15/15	MSS
pH	7.35			pH Units	EPA 150.1	4/15/15	4/15/15	SAM
Sulfate as SO4	<5.0	5.0		mg/L	EPA 300.0	4/15/15	4/15/15	MSS
Total Dissolved Solids	12000	10		mg/L	SM 2540C	4/17/15	4/17/15	SAM
Hardness								

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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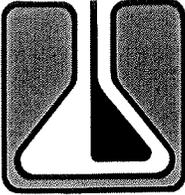
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Lab Sample ID: 1504157-01	Collected By:
Client Sample ID: Suzanne Lease Wash Tank Upstream Of Sump	Date Collected: 4/14/2015 12:57:00PM

Analyte	Results	PQL	Units	Flag	Method	Date Prepared	Date Analyzed	Init.
Hardness								
Hardness (as CaCO3)	240	2.0	mg/L		SM 2340B	4/16/15	4/16/15	SS
Metals								
Lithium	1.9	0.10	mg/L		EPA 200.7	4/16/15	4/16/15	SS
Metals - As Received								
Magnesium	45	0.050	mg/L		EPA 200.7	4/16/15	4/16/15	SS
Potassium	26	0.50	mg/L		EPA 200.7	4/16/15	4/16/15	SS
Sodium	5900	70	mg/L		EPA 200.7	4/16/15	4/16/15	SS
Calcium	22	0.050	mg/L		EPA 200.7	4/16/15	4/16/15	SS
Iron	0.12	0.10	mg/L		EPA 200.7	4/16/15	4/16/15	SS
Boron	15	0.10	mg/L		EPA 200.7	4/16/15	4/16/15	SS
Barium	5.0	0.10	mg/L		EPA 200.7	4/16/15	4/16/15	SS
Copper	<0.050	0.050	mg/L		EPA 200.7	4/16/15	4/16/15	SS
Silica (SiO2)	22	4.0	mg/L		EPA 200.7	4/16/15	4/16/15	SS
Strontium	3.7	0.10	mg/L		EPA 200.7	4/16/15	4/16/15	SS
Manganese	<0.030	0.030	mg/L		EPA 200.7	4/16/15	4/16/15	SS
Oil & Grease Testing								
TRPH	<5.00	5.00	mg/L		EPA 1664	4/29/15	4/29/15	BIG
Semivolatile Organic Compounds								
Indeno(1,2,3-cd)pyrene	<10.0	10.0	ug/L		SW846 8270C	4/17/15	4/20/15	JMM
Naphthalene	<10.0	10.0	ug/L		SW846 8270C	4/17/15	4/20/15	JMM
Acenaphthylene	<10.0	10.0	ug/L		SW846 8270C	4/17/15	4/20/15	JMM
Acenaphthene	<10.0	10.0	ug/L		SW846 8270C	4/17/15	4/20/15	JMM
Fluorene	<10.0	10.0	ug/L		SW846 8270C	4/17/15	4/20/15	JMM
Phenanthrene	<10.0	10.0	ug/L		SW846 8270C	4/17/15	4/20/15	JMM
Anthracene	<10.0	10.0	ug/L		SW846 8270C	4/17/15	4/20/15	JMM
Fluoranthene	<10.0	10.0	ug/L		SW846 8270C	4/17/15	4/20/15	JMM
Pyrene	<10.0	10.0	ug/L		SW846 8270C	4/17/15	4/20/15	JMM
Benzo (a) anthracene	<10.0	10.0	ug/L		SW846 8270C	4/17/15	4/20/15	JMM
Chrysene	<10.0	10.0	ug/L		SW846 8270C	4/17/15	4/20/15	JMM
Benzo (b) fluoranthene	<10.0	10.0	ug/L		SW846 8270C	4/17/15	4/20/15	JMM
Benzo (k) fluoranthene	<10.0	10.0	ug/L		SW846 8270C	4/17/15	4/20/15	JMM

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Analyte	Results	PQL	Units	Flag	Method	Date Prepared	Date Analyzed	Init.
Semivolatile Organic Compounds								
Benzo (a) pyrene	<10.0	10.0	ug/L		SW846 8270C	4/17/15	4/20/15	JMM
Dibenz (a,h) anthracene	<10.0	10.0	ug/L		SW846 8270C	4/17/15	4/20/15	JMM
Benzo (g,h,i) perylene	<10.0	10.0	ug/L		SW846 8270C	4/17/15	4/20/15	JMM

Surrogates	% Recovery	Recovery Limits	Flag
Nitrobenzene-d5	35.0	0-95	4/20/15 14:56
2-Fluorobiphenyl	38.4	0-92	4/20/15 14:56
Terphenyl-d14	74.0	0-100	4/20/15 14:56

Subcontracted Analyses

Analyte	Results	PQL	Units	Method	Date Prepared	Date Analyzed	Init.
Gross Alpha	94.5		pCi/L	SM 7110C	4/21/15	4/22/15	JMM
Radium-226	3.79	0.470	pCi/L	E903.1	4/17/15	5/11/15	JMM
Radium-228	<0.506	0.506	pCi/L	EPA Ra-05	4/28/15	4/30/15	JMM
Uranium (ug/L)	0.198		pCi/L	E908	4/29/15	4/29/15	JMM

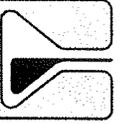
Volatile Organic Compounds

Analyte	Results	PQL	Units	Method	Date Prepared	Date Analyzed	Init.
m,p-Xylene	<5.00	5.00	ug/L	SW846 8260B	4/21/15	4/21/15	HLP
Benzene	<5.00	5.00	ug/L	SW846 8260B	4/21/15	4/21/15	HLP
Xylenes, total	0.00		ug/L	SW846 8260B	4/21/15	4/21/15	HLP
Methyl tert-Butyl Ether	<5.00	5.00	ug/L	SW846 8260B	4/21/15	4/21/15	HLP
Ethylbenzene	<5.00	5.00	ug/L	SW846 8260B	4/21/15	4/21/15	HLP
Toluene	<5.00	5.00	ug/L	SW846 8260B	4/21/15	4/21/15	HLP
o-Xylene	<5.00	5.00	ug/L	SW846 8260B	4/21/15	4/21/15	HLP

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	106	89-165	4/21/15 13:40
Toluene-d8	106	65-124	4/21/15 13:40
4-Bromofluorobenzene	98.8	94-114	4/21/15 13:40

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ZALCO LABORATORIES, INC. **CHAIN OF CUSTODY, ID#** 15004167
 4309 Armour Avenue, Bakersfield, CA 93308 (661) 395-0539 FAX (661) 395-3069 www.zalcolabs.com

Page 1 of 1
 Zalco Lab # 15004167
 Client PO # _____

REPORT INFO

INVOICE INFO

ANALYSIS

Client: Central Calif Oil Co Invoice To: Same as Client CGR LLC
 Address: PO Box 22050 Address: PO Box 2658
 City, State, Zip: Bakersfield CA 93380 City, State, Zip: Corning CA 93221
 Attention: Tor Covello Attention: RT Sudder
 Phone: 661 663-0802 Phone: 831 277-4101
 Results Fax: _____
 Email: t.budd@centralcalif.com Email: t.budd@centralcalif.com

SAMPLED BY: Hoppers EMPLOYED BY: RT

Sample No. *	Sample Description	Date	Sample Time	Type*
<u>3</u>	<u>Suzanne lease Well tank upstream of pump.</u>	<u>4/14</u>	<u>12:57</u>	<u>W</u>

#	OF	CONTAINERS	ANALYSIS	TEMPERATURE (C)
<u>1</u>	<u>1</u>	<u>1</u>	<u>See Attached</u>	<u>9.4</u>

RELINQUISHED BY: Signature

PRINT

COMPANY

Date Time

RECEIVED BY: Signature

PRINT

[Signature] Tom Hoppers ZCC 4/14/05 3:45 PM [Signature] [Signature]

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