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January 4, 2013

Alameda County Department of
Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

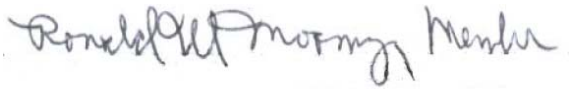
Attention: Mark Detterman

Subject: Fourth Quarter 2012 Groundwater Monitoring Report
1355 55th Street Emeryville, Ca
ACDEH Site No. RO0000046, Geotracker Global ID No. T0600101623

Ladies and Gentlemen:

Attached please find a copy of the *Fourth Quarter 2012 Groundwater Monitoring Report* prepared by Gribi Associates. I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

Very truly yours,



Ronald W. Mooney, Member
California Syrup & Extract Co. LLC
PO Box 8305
Emeryville, CA 94608

GRIBI
ASSOCIATES

January 4, 2013

Alameda County Department of
Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502

Attention: Mark E. Detterman

Subject: Fourth Quarter 2012 Groundwater Monitoring Report
1355 55th Street Emeryville, Ca
ACDEH Site No. RO0000046, Geotracker Global ID No. T0600101623

Ladies and Gentlemen:

Gribi Associates is pleased to submit this Fourth Quarter 2012 Groundwater Monitoring Report on behalf of California Syrup & Extract Company for the underground storage tank (UST) site located at 1355 55th Street in Emeryville, California (see Figure 1 and Figure 2). This letter report documents the monitoring and sampling of four site wells on December 3, 2012.

DESCRIPTION OF SAMPLING ACTIVITIES

1. Gribi Associates personnel conducted groundwater monitoring and sampling activities for four site wells (MW-1 through MW-4) on December 3, 2012.
2. Groundwater monitoring and sampling was conducted in accordance with California LUFT Field Manual, including the following:
   a. measuring static water levels;
   b. checking for presence of free-product;
   c. and purging of approximately three well volumes while recording of temperature, pH, conductivity, and clarity.
3. Collected groundwater samples were placed in an ice-chilled cooler and submitted to a state-certified laboratory for analyses.
4. Copies of groundwater sampling field data sheets are provided as Attachment A.

RESULTS OF GROUNDWATER MONITORING

Hydrologic Conditions

1. Groundwater depths ranged from approximately 4.26 feet (MW-1) to 7.33 feet (MW-4).
2. Groundwater elevations ranged from 18.70 feet above means sea level (msl) (MW-3) to 22.44 feet msl (MW-1).
3. Groundwater flow direction is generally to the southwest at a gradient of approximately .041.
4. Groundwater elevations are shown on Figure 3.

Laboratory Analytical Results

1. Groundwater samples from the two site wells were analyzed for the following parameters with standard method turn around time on results:
   a. USEPA M8015C Total Petroleum Hydrocarbons as Motor Oil (TPH-MO)
   b. USEPA M8015C Total Petroleum Hydrocarbons as Diesel (TPH-D)
   c. USEPA M8015C Total Petroleum Hydrocarbons as Gasoline (TPH-G)
   d. USEPA 8021B Benzene, Toluene, Ethylbenzene, Xylenes (BTEX)
   e. USEPA 8021B Methyl-tert-butyl Ether (MTBE)
2. Groundwater hydrocarbon results for this monitoring event are summarized in Table 1.
3. Groundwater hydrocarbon results for this monitoring event are summarized on Figure 4.
4. The laboratory analytical data report and chain-of custody are provided as Attachment B.

CONCLUSIONS

1. Detectable concentrations of hydrocarbons were reported only in well MW-2, and not in upgradient monitoring well MW-1 or downgradient wells MW-3 and MW-4. Thus, the groundwater hydrocarbon impacts associated with this site, which originated from the former gasoline UST (UST No. 5 on report figures) immediately adjacent to MW-2, have not migrated significantly and, hence, are limited in lateral extent.
2. The concentrations of BTEX constituents in MW-2 are low relative to the TPH-G concentration. Thus, significant natural attenuation has occurred over the many decades since UST No. 5 was last used.
3. Given the low concentrations of BTEX consistituents and the very limited lateral extent of hydrocarbon impacts, it is likely that this site meets low-threat closure criteria, either using the recently-adopted *Low-Threat Closure Policy* or the Regional Water Board's 1996 supplemental guidance criteria for low risk case closure.
4. Groundwater monitoring depths in site wells during this monitoring event were shallower than during any previous monitoring event, with depths in all four site wells approximately two feet shallower than during the previous August 2012 monitoring event. Thus, although the two new monitoring wells, MW-3 and MW-4, have only been

monitored two times (in August and December 2012), these two events represent a complete seasonal fluctuation in groundwater levels. Based on this determination, we do not believe that additional monitoring of site wells should be required prior to closure of this site.

PLANNED ACTIVITIES

1. We will await direction from ACDEH relative to any additional groundwater monitoring or other activities at this site.

We appreciate this opportunity to provide this report for your review. Please contact us if there are questions or if additional information is required.

Very truly yours,

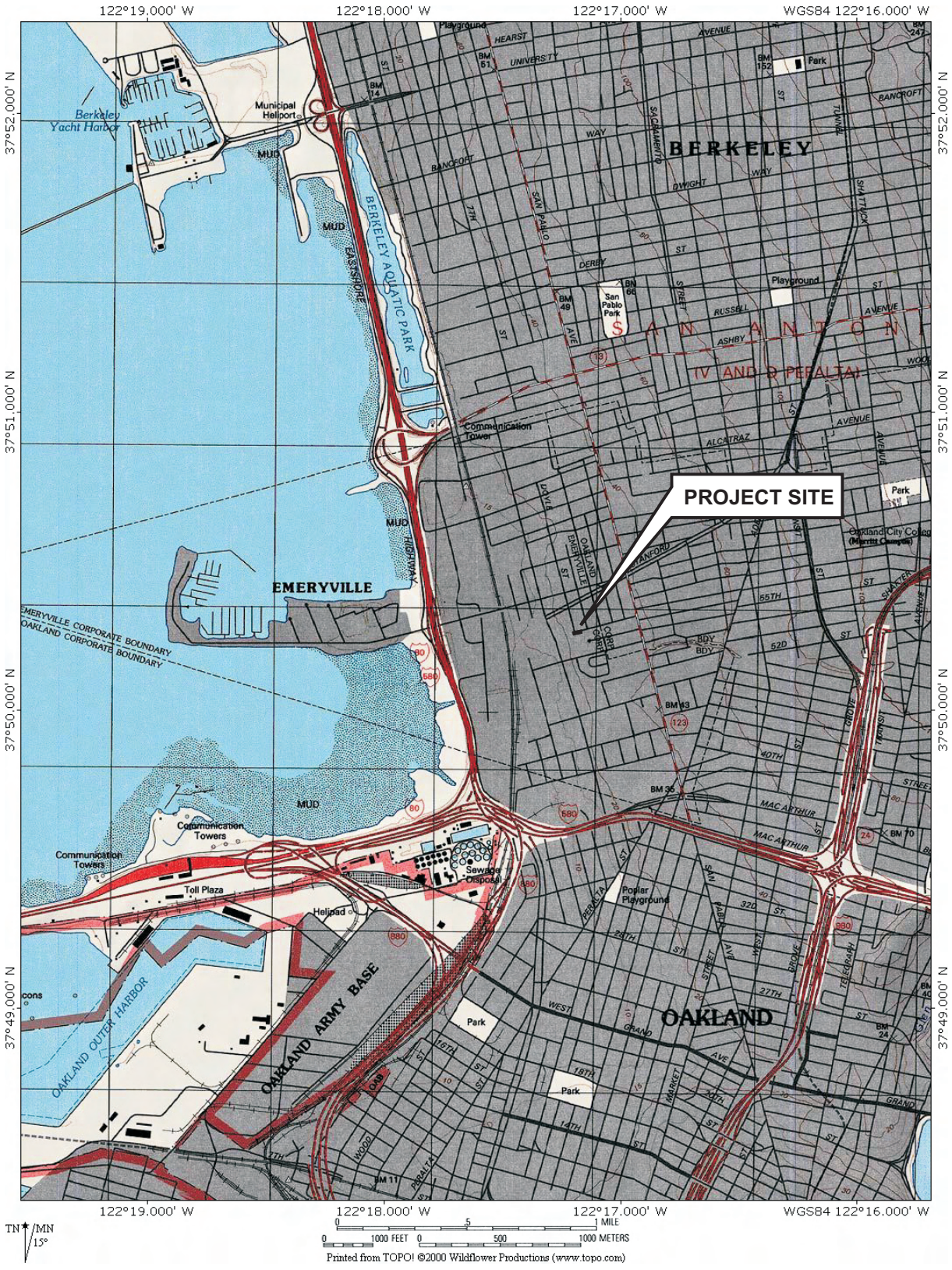
Matthew A. Rosman
Project Engineer

James E. Gribi
Professional Geologist
California No. 5843

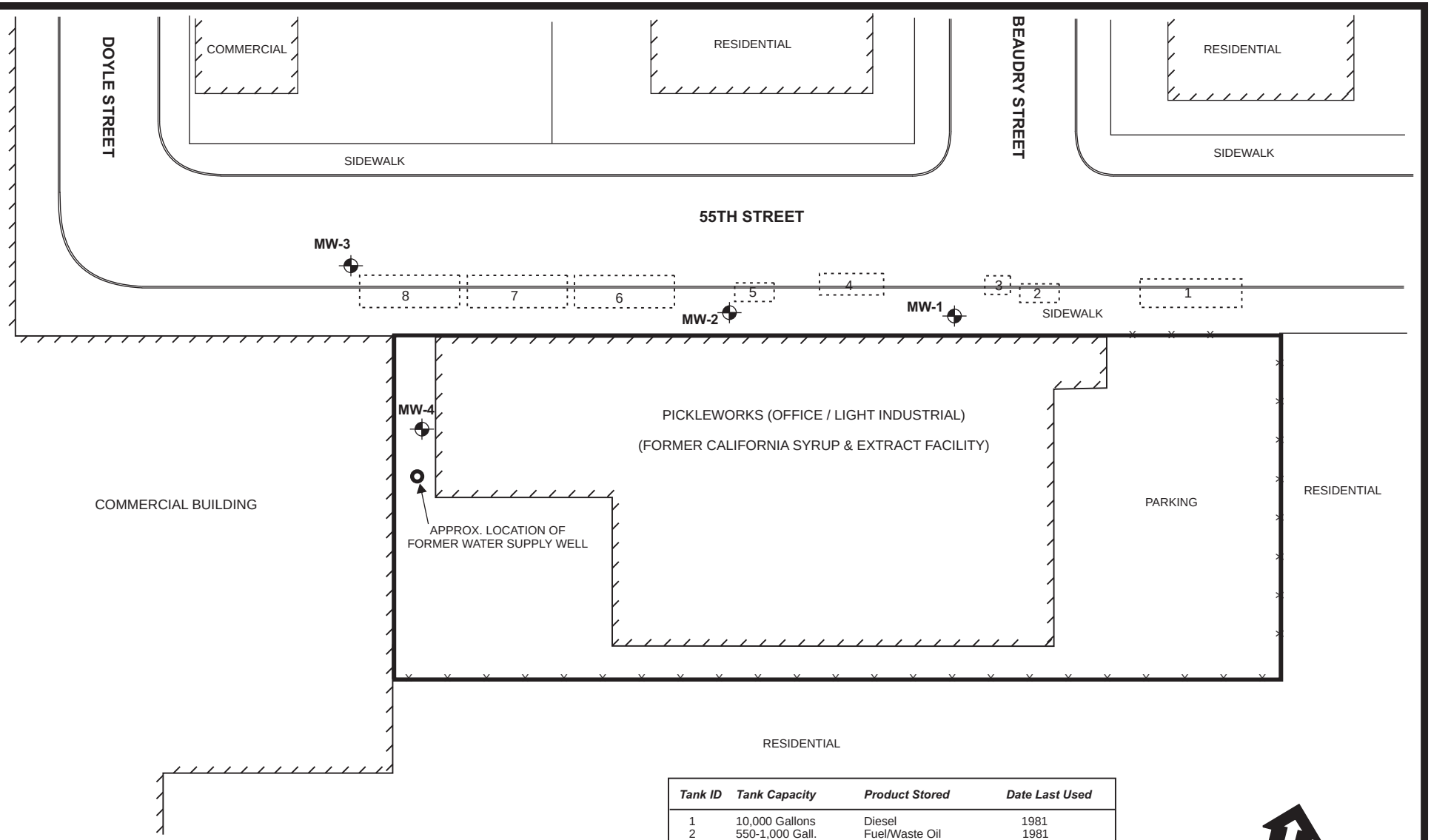
Enclosure

c: Mr. Ron Mooney, California Syrup & Extract

FIGURES



DESIGNED BY:	CHECKED BY:	**SITE VICINITY MAP**	DATE: 01/04/2012	FIGURE: **1**
DRAWN BY: JG	SCALE:	CALIFORNIA SYRUP AND EXTRACT 1375 55TH STREET EMERYVILLE, CALIFORNIA	GRIBI	
PROJECT NO:				



Tank ID	*Tank Capacity*	*Product Stored*	*Date Last Used*
1	10,000 Gallons	Diesel	1981
2	550-1,000 Gall.	Fuel/Waste Oil	1981
3	1,000 Gallons	Diesel	1981
4	1,000 Gallons	Aqueous Ammonia	1965
5	1,000 Gallons	Gasoline	1965
6	6,000-10,300 Gall.	Denatured Alcohol	1985
7	10,000 Gallons	Denatured Alcohol	1985
8	10,000 Gallons	Denatured Alcohol	1985

NOTE: ALL PRODUCT REMOVED & TANKS CLOSED IN-PLACE IN 1994.

N

- GROUNDWATER MONITORING WELL

0 40 80

APPROXIMATE SCALE IN FEET

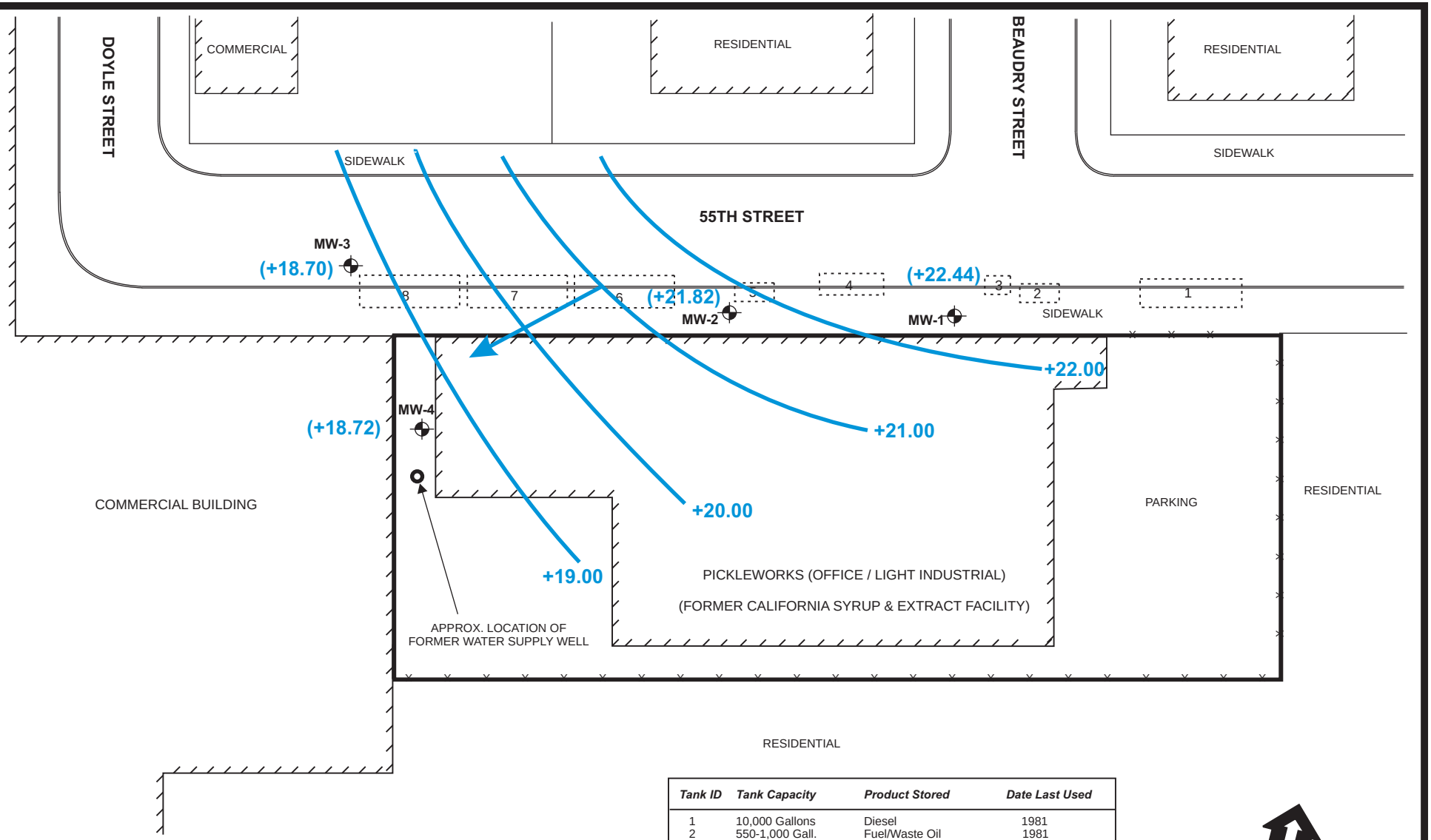
DESIGNED BY:	CHECKED BY:
DRAWN BY: JEG	SCALE:
PROJECT NO:	

SITE PLAN

1375 55TH STREET
EMERYVILLE, CALIFORNIA

DATE: 01/04/2013 FIGURE: **2**

GRIBI



Tank ID	*Tank Capacity*	*Product Stored*	*Date Last Used*
1	10,000 Gallons	Diesel	1981
2	550-1,000 Gall.	Fuel/Waste Oil	1981
3	1,000 Gallons	Diesel	1981
4	1,000 Gallons	Aqueous Ammonia	1965
5	1,000 Gallons	Gasoline	1965
6	6,000-10,300 Gall.	Denatured Alcohol	1985
7	10,000 Gallons	Denatured Alcohol	1985
8	10,000 Gallons	Denatured Alcohol	1985

NOTE: ALL PRODUCT REMOVED & TANKS CLOSED IN-PLACE IN 1994.

⊕ - GROUNDWATER MONITORING WELL

0 40 80

APPROXIMATE SCALE IN FEET

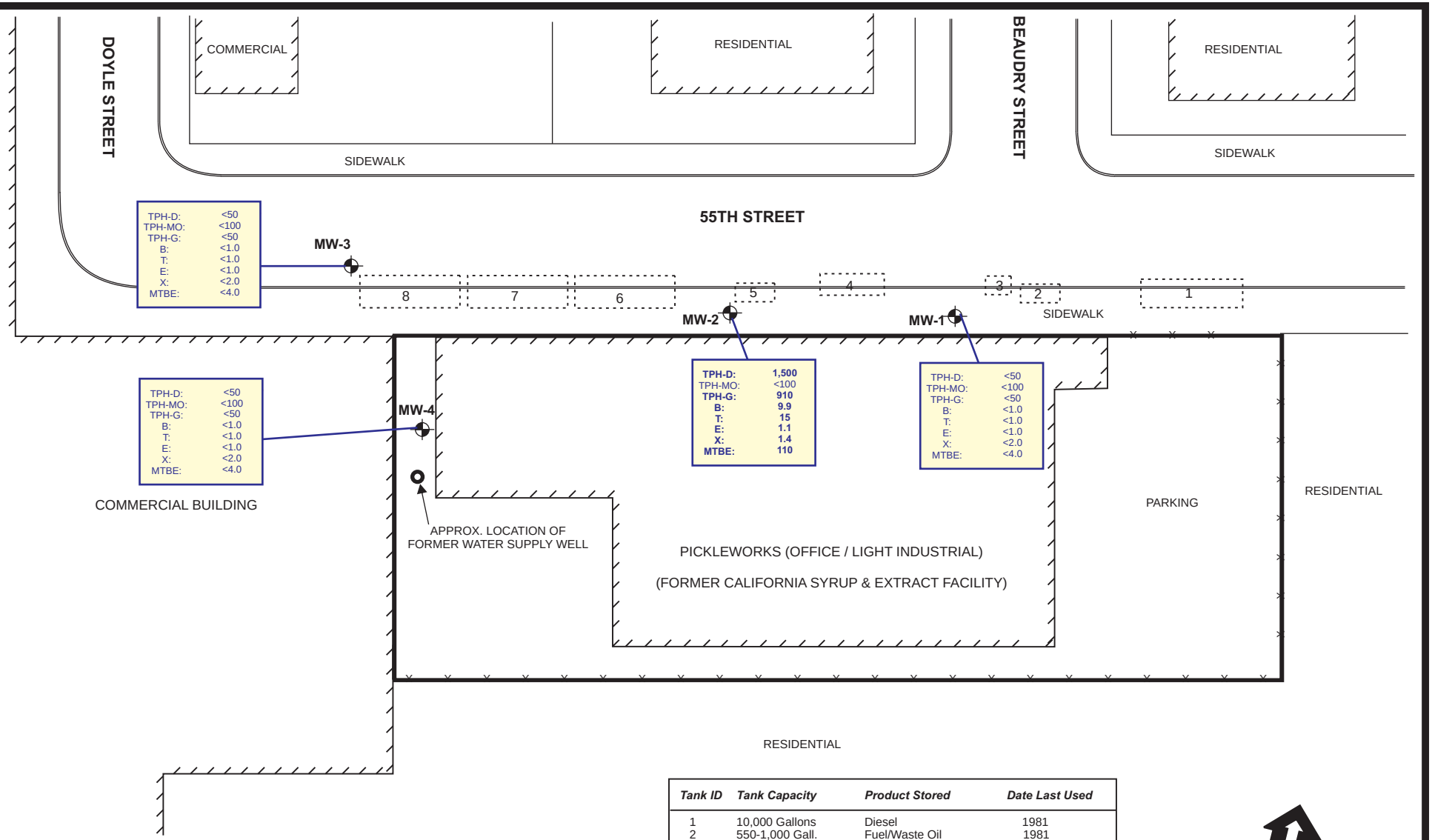
DESIGNED BY:	CHECKED BY:
DRAWN BY: JEG	SCALE:
PROJECT NO:	

GROUNDWATER ELEVATION GRADIENT - 12/03/2012

1375 55TH STREET
EMERYVILLE, CALIFORNIA

DATE: 01/04/2013 FIGURE: **3**

GRIBI



Tank ID	*Tank Capacity*	*Product Stored*	*Date Last Used*
1	10,000 Gallons	Diesel	1981
2	550-1,000 Gall.	Fuel/Waste Oil	1981
3	1,000 Gallons	Diesel	1981
4	1,000 Gallons	Aqueous Ammonia	1965
5	1,000 Gallons	Gasoline	1965
6	6,000-10,300 Gall.	Denatured Alcohol	1985
7	10,000 Gallons	Denatured Alcohol	1985
8	10,000 Gallons	Denatured Alcohol	1985

NOTE: ALL PRODUCT REMOVED & TANKS CLOSED IN-PLACE IN 1994.

GROUNDWATER HYDROCARBON RESULTS IN MICROGRAMS PER LITER (UG/L)

- GROUNDWATER MONITORING WELL

0 40 80

APPROXIMATE SCALE IN FEET

DESIGNED BY:	CHECKED BY:
DRAWN BY: JEG	SCALE:
PROJECT NO:	

GROUNDWATER HYDROCARBON RESULTS - 12/03/2012

1375 55TH STREET
EMERYVILLE, CALIFORNIA

DATE: 01/04/2013 FIGURE: **4**

GRIBI

TABLE

Table 1
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS
California Syrup & Extract Company UST Site

Sample ID	Sample Date	DTW	GW Elev.	Concentration, micrograms per liter (ug/L)							
				TPH-D	TPH-MO	TPH-G	B	T	E	X	MTBE
MW-1	9/24/1994	8.01	18.69	<50	<50	<50	<0.5	<0.5	<0.5	<0.5	–
<26.70>	12/29/1999	5.77	20.93	<50	<100	**120**	<0.5	<0.5	<0.5	**0.84**	<0.050
	3/23/2000	4.79	21.91	<50	<100	**97**	**0.58**	<0.5	<0.5	**21**	<0.005
	6/28/2000	8.90	17.80	<50	<100	**110**	**28**	**2.2**	**8.7**	**17**	<0.005
	10/04/2000	8.36	18.34	<50	<100	<50	<0.5	<0.5	<0.5	**1.5**	<0.005
	9/25/2009	6.89	19.81	<50	<100	<50	<1.0	<1.0	<1.0	<2.0	–
	2/18/2010	5.74	20.96	<50	<100	<50	<1.0	<1.0	<1.0	<2.0	<4.0
	7/26/2010	6.92	19.78	<50	<100	<50	<1.0	<1.0	<1.0	<2.0	<4.0
	2/14/2011	6.76	19.94	<50	<100	<50	<1.0	**4.1**	<1.0	<2.0	<4.0
	8/03/2011	7.08	19.62	<50	<100	<50	<1.0	<1.0	<1.0	<2.0	<4.0
	1/30/2012	7.57	19.13	<50	<100	<50	<1.0	<1.0	<1.0	<2.0	<4.0
	8/16/2012	6.49	20.21	<50	<100	<50	<0.50	<0.50	<0.50	<1.0	<1.0
	12/03/2012	4.26	22.44	<50	<100	<50	<1.0	<1.0	<1.0	<2.0	<4.0
MW-2	9/24/1994	7.88	18.29	**630**	<0.50	**970**	**57**	**3.4**	**3.6**	**3.0**	–
<26.17>	12/29/1999	7.29	18.88	<0.050	<0.100	**8,800**	**430**	**370**	**250**	**410**	<1.0
	3/23/2000	6.03	20.14	<0.050	<0.100	**10,000**	**590**	**90**	**210**	**640**	<1.0
	6/28/2000	7.11	19.06	<0.050	<0.100	**3,600**	**310**	**19**	**94**	**100**	**120**
	10/4/2000	7.64	18.53	<0.050	<0.100	**4,100**	**280**	**15**	**58**	**81**	**100**
	9/25/2009	7.55	18.62	**8,100**	**2,900**	**59,000**	**58**	**69**	**170**	**160**	–
	2/18/2010	5.96	20.21	**610**	<100	**1,400**	**12**	**5.4**	<1.0	<2.0	**97**
	7/26/2010	6.90	19.27	**560**	<100	**3,700**	**40**	**7.5**	<1.0	<2.0	**100**
	2/14/2011	6.99	19.18	**1,200**	<100	**2,400**	**17**	**11**	**4.2**	**4.4**	**49**
	8/03/2011	6.63	19.54	**1,500**	**860**	**2,100**	**6.2**	**15**	<1.0	<2.0	**200**
	1/30/2012	7.01	19.16	**1,100**	**220**	**2,400**	**80**	**31**	<1.0	<2.0	**200**
	8/16/2012	6.67	19.50	**750**	<100	**4,100**	**110**	**9.9**	**4.0**	**7.4**	**26**
	12/03/2012	4.35	21.82	**1,500**	<100	**910**	**9.9**	**15**	**1.1**	**1.4**	**110**

Table 1
CUMULATIVE GROUNDWATER ANALYTICAL RESULTS
California Syrup & Extract Company UST Site

Sample ID	Sample Date	DTW	GW Elev.	Concentration, micrograms per liter (ug/L)							
				TPH-D	TPH-MO	TPH-G	B	T	E	X	MTBE
MW-3	8/16/2012	9.04	15.94	<50	<100	<50	<0.50	<0.50	<0.50	<1.0	**1.2**
<24.98>	12/03/2012	6.28	18.70	<50	<100	<50	<1.0	<1.0	<1.0	<2.0	<4.0
MW-4	8/16/2012	9.34	16.71	<50	<100	<50	<0.50	<0.50	<0.50	<1.0	<1.0
<26.05>	12/03/2012	7.33	18.72	<50	<100	<50	<1.0	<1.0	<1.0	<2.0	<4.0

Table Notes:

DTW = Depth to Water, in feet below top of casing.
GW Elev. = Groundwater mean sea level elevation.
TPH-D = Total Petroleum Hydrocarbons as Diesel
TPH-MO = Total Petroleum Hydrocarbons as Motor Oil
TPH-G = Total Petroleum Hydrocarbons as Gasoline
B = Benzene, T = Toluene, E = Ethylbenzene, X = Xylenes
MTBE = Methyl-tert-Butyl Ether
<50 = Not detected above the expressed value.
– = Not analyzed or not available.
ALL ND = No detectable concentrations of individual analytes.
<38.15> = Top of casing mean sea level (msl) elevation

ATTACHMENT A

GROUNDWATER MONITORING FIELD DATA RECORDS

Groundwater Gauging Field Sheet

Client Name: California Syrup and Extract
Project Name: California Syrup and Extract
Field Personnel: M. Rasmon
Date: 12/03/2012
Weather Conditions: PC, Cool

Well ID	Depth to Free Product (feet)	Depth to Groundwater (feet)	Casing Elevation (msl)	Groundwater Elevation (msl)	Total Well Depth (feet)	Well Box Conditions
MW-1	—	4.26	~~38.15~~ 27.70	22.44	16.7	
MW-2	—	4.35	~~38.06~~ 26.17	21.82	19.8	
MW-3	—	6.28	24.98	18.70		
MW-4	—	7.33	26.05	18.72		

Groundwater Monitoring Field Sheet

Client Name: California Syrup and Extract
Project Name: California Syrup and Extract
Sampling Personnel: MMR
Date: 12/03/2012
Weather Conditions: PC, Cool

Well ID: MW-1
Casing Diameter (inches): 2.0
Depth to Water: 4.26
Water Column (ft): 12.44
One Well Volume (gal): 2.11
Total Depth (feet): 16.7
Depth to Free Product: —
Product Thickness: ∅
3x Well Volume (gal): 6.3

Notes:
One Well Volume is determine by multiplying "Water Column" by:
- 0.059 for 3/4-inch well, 0.17 for 2-inch well, 0.38 for 3-inch well, 0.66 for 4-inch well, 1.50 for 6-inch well

FIELD METHODS

	Activity	Bailer	Pump	Comments
Purge Method			X	12V purge pump
Sample Method			X	12V purge pump

FIELD PARAMETERS

Time	Volume Purged	Temp. (F or C)	E.C. (µS/cm)	D.O. (mg/L)	pH	ORP (mV)	Comments
1413							
1415	2	17.5	628		6.69		
1418	4	17.9	647		6.66		
1421	6						

SAMPLE OBSERVATIONS

Characteristic	None	Slight	Moderate	Strong	Comments
Color	X				
Odor	X				
Turbidity	X				
Sheen	X				
Other:					

Sample Time: 1425
Sampler's Signature: MMR

Groundwater Monitoring Field Sheet

Client Name: **California Syrup and Extract** Project Name: **California Syrup and Extract**

Sampling Personnel: MAR Date: 12/03/2012

Weather Conditions: PC, cool

Well ID: **MW-2**

Casing Diameter (inches): **2.0** Total Depth (feet): **19.8**

Depth to Water: 4.35 Depth to Free Product: —

Water Column (ft): 15.45 Product Thickness: 0

One Well Volume (gal): 2.63 3x Well Volume (gal): 7.9

Notes:
One Well Volume is determine by multiplying "Water Column" by:
- 0.059 for 3/4-inch well, 0.17 for 2-inch well, 0.38 for 3-inch well, 0.66 for 4-inch well, 1.50 for 6-inch well

FIELD METHODS

Activity	*Bailer*	*Pump*	*Comments*
Purge Method		X	12V purge pump
Sample Method			

FIELD PARAMETERS

Time	*Volume Purged*	*Temp. (F or C)*	*E.C. (mS/cm)*	*D.O. (mg/L)*	*pH*	*ORP (mV)*	*Comments*
1438							
1441	2	17.6	675		6.66		
1444	4	17.7	667 → 671		6.67		
1448	6	18.4	708		6.59		
1451	8	18.6	706		6.58		

SAMPLE OBSERVATIONS

Characteristic	*None*	*Slight*	*Moderate*	*Strong*	*Comments*
Color	X				
Odor		X →			HC
Turbidity	X				
Sheen	X				
Other:					

Sample Time 1455 **Sampler's Signature** MAR

Groundwater Monitoring Field Sheet

Client Name: **California Syrup and Extract** Project Name: **California Syrup and Extract**

Sampling Personnel: MAR Date: 12/03/2012

Weather Conditions: PC, cool

Well ID: **MW-3**

Casing Diameter (inches): **2.0** Total Depth (feet): 14.58

Depth to Water: 6.28 Depth to Free Product: —

Water Column (ft): 8.30 Product Thickness: 0

One Well Volume (gal): 1.4 3x Well Volume (gal): 4.2

Notes:
One Well Volume is determine by multiplying "Water Column" by:
- 0.059 for 3/4-inch well, 0.17 for 2-inch well, 0.38 for 3-inch well, 0.66 for 4-inch well, 1.50 for 6-inch well

FIELD METHODS

Activity	*Bailer*	*Pump*	*Comments*
Purge Method		X	12V purge pump
Sample Method			12V purge pump

FIELD PARAMETERS

Time	*Volume Purged*	*Temp. (F or C)*	*E.C. (mS/cm)*	*D.O. (mg/L)*	*pH*	*ORP (mV)*	*Comments*
1340							
1343	1	18.6	633		6.59		
1345	2	18.7	632		6.61		
1347	3	18.8	628		6.61		
1350	4						

SAMPLE OBSERVATIONS

Characteristic	*None*	*Slight*	*Moderate*	*Strong*	*Comments*
Color	X				
Odor	X				
Turbidity	X				
Sheen	X				
Other:					

Sample Time 1350 **Sampler's Signature** MAR

Groundwater Monitoring Field Sheet

Client Name: **California Syrup and Extract** | Project Name: **California Syrup and Extract**

Sampling Personnel: MAE | Date: 12/03/2012

Weather Conditions: PC, Cool

Well ID: **MW-4**

Casing Diameter (inches): **2.0** | Total Depth (feet): 19.6

Depth to Water: 7.33 | Depth to Free Product: —

Water Column (ft): 12.27 | Product Thickness: 0

One Well Volume (gal): 2.09 | 3x Well Volume (gal): 6.3

Notes:
One Well Volume is determine by multiplying "Water Column" by:
- 0.059 for 3/4-inch well, 0.17 for 2-inch well, 0.38 for 3-inch well, 0.66 for 4-inch well, 1.50 for 6-inch well

FIELD METHODS

Activity	*Bailer*	*Pump*	*Comments*
Purge Method		X	12V purge pump
Sample Method		X	12V purge pump

FIELD PARAMETERS

Time	*Volume Purged*	*Temp. (F or C)*	*E.C. (mS/cm)*	*D.O. (mg/L)*	*pH*	*ORP (mV)*	*Comments*
1259							
1303	2	18.6	1.09		6.71		
1307	4	18.8	1.12		6.71		
1311	6	18.7	1.13		6.73		

SAMPLE OBSERVATIONS

Characteristic	*None*	*Slight*	*Moderate*	*Strong*	*Comments*
Color	X				
Odor	X				
Turbidity	X				
Sheen	X				
Other:					

Sample Time: 1315 | **Sampler's Signature**: MAE

ATTACHMENT B

LABORATORY DATA REPORTS AND CHAIN-OF-CUSTODY RECORDS

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

13 December 2012

Jim Gribi
Gribi Associates
1090 Adam Street, Suite K
Benicia, CA 94510

RE: California Syrup and Extract

Enclosed are the results of analyses for samples received by the laboratory on 12/06/12 09:54. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Daniel Chavez
Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: California Syrup and Extract	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/13/12 17:28

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	T122269-01	Water	12/03/12 14:25	12/06/12 09:54
MW-2	T122269-02	Water	12/03/12 14:55	12/06/12 09:54
MW-3	T122269-03	Water	12/03/12 13:50	12/06/12 09:54
MW-4	T122269-04	Water	12/03/12 13:15	12/06/12 09:54

SunStar Laboratories, Inc.

Daniel Chavez, Project Manager

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.

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: California Syrup and Extract	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/13/12 17:28

MW-1
T122269-01 (Water)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	ND	50	ug/l	1	2120620	12/06/12	12/07/12	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		*116 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015C									
C13-C28 (DRO)	ND	0.050	mg/l	1	2120610	12/06/12	12/08/12	EPA 8015C	
C29-C40 (MORO)	ND	0.10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*70.2 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	ND	4.0	ug/l	1	2120705	12/07/12	12/10/12	EPA 8021B	
Benzene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	2.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*111 %*	*65-135*		"	"	"	"	

SunStar Laboratories, Inc.

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Daniel Chavez, Project Manager

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Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Gribi Associates	Project: California Syrup and Extract	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/13/12 17:28

MW-2
T122269-02 (Water)

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	**910**	50	ug/l	1	2120620	12/06/12	12/07/12	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		*165 %*	*65-135*		"	"	"	"	*S-04*
Extractable Petroleum Hydrocarbons by 8015C									
C13-C28 (DRO)	**1.5**	0.050	mg/l	1	2120610	12/06/12	12/08/12	EPA 8015C	
C29-C40 (MORO)	ND	0.10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*70.1 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	**110**	4.0	ug/l	1	2120705	12/07/12	12/10/12	EPA 8021B	
Benzene	**9.9**	1.0	"	"	"	"	"	"	
Toluene	**15**	1.0	"	"	"	"	"	"	
Ethylbenzene	**1.1**	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	2.0	"	"	"	"	"	"	
o-Xylene	**1.4**	1.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*142 %*	*65-135*		"	"	"	"	*S-04*

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Gribi Associates	Project: California Syrup and Extract	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/13/12 17:28

MW-3
T122269-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	ND	50	ug/l	1	2120620	12/06/12	12/07/12	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		*123 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015C									
C13-C28 (DRO)	ND	0.050	mg/l	1	2120610	12/06/12	12/08/12	EPA 8015C	
C29-C40 (MORO)	ND	0.10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*65.1 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	ND	4.0	ug/l	1	2120705	12/07/12	12/10/12	EPA 8021B	
Benzene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	2.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*120 %*	*65-135*		"	"	"	"	

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Gribi Associates	Project: California Syrup and Extract	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/13/12 17:28

MW-4
T122269-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.									
Purgeable Petroleum Hydrocarbons by EPA 8015C									
C6-C12 (GRO)	ND	50	ug/l	1	2120620	12/06/12	12/07/12	EPA 8015C	
Surrogate: 4-Bromofluorobenzene		*118 %*	*65-135*		"	"	"	"	
Extractable Petroleum Hydrocarbons by 8015C									
C13-C28 (DRO)	ND	0.050	mg/l	1	2120610	12/06/12	12/08/12	EPA 8015C	
C29-C40 (MORO)	ND	0.10	"	"	"	"	"	"	
Surrogate: p-Terphenyl		*68.8 %*	*65-135*		"	"	"	"	
Volatile Organic Compounds by EPA Method 8021B									
Methyl tert-butyl ether	ND	4.0	ug/l	1	2120705	12/07/12	12/10/12	EPA 8021B	
Benzene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
m,p-Xylene	ND	2.0	"	"	"	"	"	"	
o-Xylene	ND	1.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*115 %*	*65-135*		"	"	"	"	

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Gribi Associates	Project: California Syrup and Extract	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/13/12 17:28

Purgeable Petroleum Hydrocarbons by EPA 8015C - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2120620 - EPA 5030 GC										
Blank (2120620-BLK1)				Prepared: 12/06/12		Analyzed: 12/07/12				
C6-C12 (GRO)	ND	50	ug/l							
Surrogate: 4-Bromofluorobenzene	*111*		"	*100*		*111*	*65-135*			
LCS (2120620-BS1)				Prepared: 12/06/12		Analyzed: 12/07/12				
C6-C12 (GRO)	4750	50	ug/l	5500		86.4	75-125			
Surrogate: 4-Bromofluorobenzene	*126*		"	*100*		*126*	*65-135*			
Matrix Spike (2120620-MS1)		**Source: T122266-01**		Prepared: 12/06/12		Analyzed: 12/07/12				
C6-C12 (GRO)	4060	50	ug/l	5500	21.3	73.5	65-135			
Surrogate: 4-Bromofluorobenzene	*177*		"	*100*		*177*	*65-135*			*S-04*
Matrix Spike Dup (2120620-MSD1)		**Source: T122266-01**		Prepared: 12/06/12		Analyzed: 12/07/12				
C6-C12 (GRO)	3900	50	ug/l	5500	21.3	70.5	65-135	4.09	20	
Surrogate: 4-Bromofluorobenzene	*163*		"	*100*		*163*	*65-135*			*S-04*

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Gribi Associates	Project: California Syrup and Extract	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/13/12 17:28

Extractable Petroleum Hydrocarbons by 8015C - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2120610 - EPA 3510C GC										
Blank (2120610-BLK1)				Prepared: 12/06/12		Analyzed: 12/08/12				
C13-C28 (DRO)	ND	0.050	mg/l							
C29-C40 (MORO)	ND	0.10	"							
Surrogate: p-Terphenyl	*3.11*		"	*4.00*		*77.9*	*65-135*			
LCS (2120610-BS1)				Prepared: 12/06/12		Analyzed: 12/08/12				
C13-C28 (DRO)	19.6	0.050	mg/l	20.0		97.8	75-125			
Surrogate: p-Terphenyl	*3.15*		"	*4.00*		*78.8*	*65-135*			
Matrix Spike (2120610-MS1)		**Source: T122255-05**		Prepared: 12/06/12		Analyzed: 12/08/12				
C13-C28 (DRO)	19.3	0.050	mg/l	20.0	ND	96.6	75-125			
Surrogate: p-Terphenyl	*3.06*		"	*4.00*		*76.5*	*65-135*			
Matrix Spike Dup (2120610-MSD1)		**Source: T122255-05**		Prepared: 12/06/12		Analyzed: 12/08/12				
C13-C28 (DRO)	19.7	0.050	mg/l	20.0	ND	98.6	75-125	2.07	20	
Surrogate: p-Terphenyl	*2.73*		"	*4.00*		*68.3*	*65-135*			

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Gribi Associates	Project: California Syrup and Extract	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/13/12 17:28

Volatile Organic Compounds by EPA Method 8021B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2120705 - EPA 5030 GC										
Blank (2120705-BLK1)				Prepared: 12/07/12		Analyzed: 12/10/12				
Methyl tert-butyl ether	ND	4.0	ug/l							
Benzene	ND	1.0	"							
Toluene	ND	1.0	"							
Ethylbenzene	ND	1.0	"							
m,p-Xylene	ND	2.0	"							
o-Xylene	ND	1.0	"							
Surrogate: 4-Bromofluorobenzene	*111*		"	*100*		*111*	*65-135*			
LCS (2120705-BS1)				Prepared: 12/07/12		Analyzed: 12/10/12				
Benzene	88.8	1.0	ug/l	100		88.8	70-130			
Toluene	81.8	1.0	"	100		81.8	70-130			
Ethylbenzene	71.8	1.0	"	100		71.8	70-130			
m,p-Xylene	141	2.0	"	200		70.6	70-130			
o-Xylene	73.0	1.0	"	100		73.0	70-130			
Surrogate: 4-Bromofluorobenzene	*133*		"	*100*		*133*	*65-135*			
Matrix Spike (2120705-MS1)	**Source: T122269-01**			Prepared: 12/07/12		Analyzed: 12/10/12				
Benzene	90.4	1.0	ug/l	100	ND	90.4	70-130			
Toluene	86.0	1.0	"	100	ND	86.0	70-130			
Ethylbenzene	76.9	1.0	"	100	ND	76.9	70-130			
m,p-Xylene	152	2.0	"	200	ND	76.0	70-130			
o-Xylene	78.3	1.0	"	100	ND	78.3	70-130			
Surrogate: 4-Bromofluorobenzene	*132*		"	*100*		*132*	*65-135*			
Matrix Spike Dup (2120705-MSD1)	**Source: T122269-01**			Prepared: 12/07/12		Analyzed: 12/10/12				
Benzene	86.8	1.0	ug/l	100	ND	86.8	70-130	4.13	20	
Toluene	78.0	1.0	"	100	ND	78.0	70-130	9.79	20	
Ethylbenzene	65.7	1.0	"	100	ND	65.7	70-130	15.7	20	QM-05
m,p-Xylene	129	2.0	"	200	ND	64.5	70-130	16.4	20	QM-05
o-Xylene	67.4	1.0	"	100	ND	67.4	70-130	15.0	20	QM-05
Surrogate: 4-Bromofluorobenzene	*131*		"	*100*		*131*	*65-135*			

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Gribi Associates	Project: California Syrup and Extract	
1090 Adam Street, Suite K	Project Number: [none]	**Reported:**
Benicia CA, 94510	Project Manager: Jim Gribi	12/13/12 17:28

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to possible matrix interference. The LCS was within acceptance criteria. The data is acceptable as no negative impact on data is expected.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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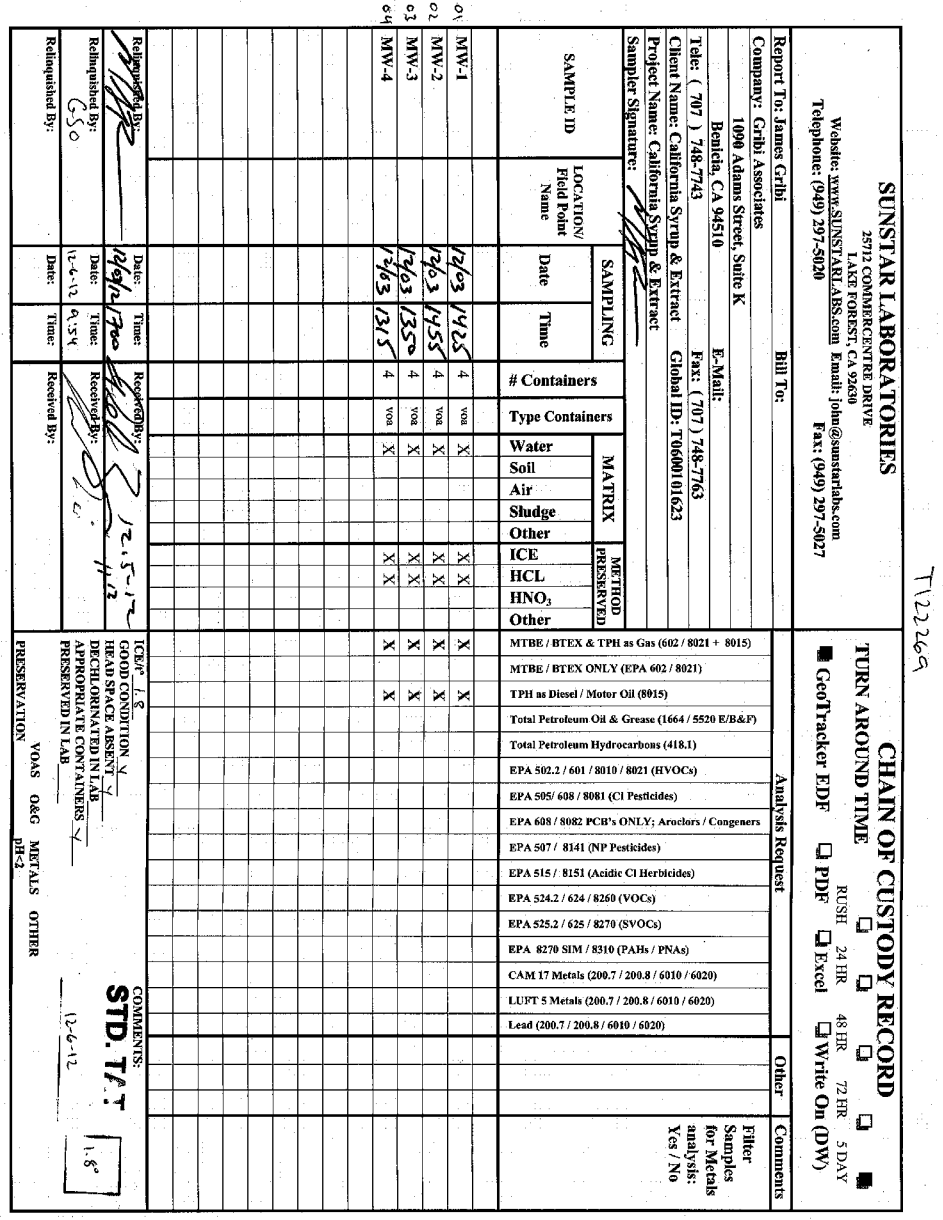

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T122269

CHAIN OF CUSTODY RECORD
TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY ■
■ GeoTracker EDF ☐ PDF ☐ Excel ☐ Write On (DW)

Report To: James Gribi — Bill To:
Company: Gribi Associates
1090 Adams Street, Suite K
Benicia, CA 94510 E-Mail:
Tele: (707) 748-7743 Fax: (707) 748-7763
Client Name: California Syrup & Extract Global ID: T0600101623
Project Name: California Syrup & Extract
Sampler Signature:

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX: Water	MATRIX: Soil	MATRIX: Air	MATRIX: Sludge	MATRIX: Other	METHOD PRESERVED: ICE	METHOD PRESERVED: HCL	METHOD PRESERVED: HNO_3	METHOD PRESERVED: Other
01 MW-1		12/3	1425	4	voa	X					X	X		
02 MW-2		12/3	1455	4	voa	X					X	X		
03 MW-3		12/3	1350	4	voa	X					X	X		
04 MW-4		12/3	1315	4	voa	X					X	X		

Analysis Request

	Other	Comments
MTBE / BTEX & TPH as Gas (602 / 8021 + 8015)	X	X
MTBE / BTEX ONLY (EPA 602 / 8021)		
TPH as Diesel / Motor Oil (8015)	X	X
Total Petroleum Oil & Grease (1664 / 5520 E/B&F)		
Total Petroleum Hydrocarbons (418.1)		
EPA 502.2 / 601 / 8010 / 8021 (HVOCs)		
EPA 505/ 608 / 8081 (Cl Pesticides)		
EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners		
EPA 507 / 8141 (NP Pesticides)		
EPA 515 / 8151 (Acidic Cl Herbicides)		
EPA 524.2 / 624 / 8260 (VOCs)		
EPA 525.2 / 625 / 8270 (SVOCs)		
EPA 8270 SIM / 8310 (PAHs / PNAs)		
CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)		
LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)		
Lead (200.7 / 200.8 / 6010 / 6020)		

Filter Samples for Metals analysis: Yes / No

Relinquished By: Date: 12/3/12 Time: 1700 — Received By: Date: 12-5-12 Time: 11:12
Relinquished By: GSO Date: 12-6-12 Time: 9:54 — Received By: Date: Time:
Relinquished By: Date: Time: — Received By: Date: Time:

ICE/° 1.8
GOOD CONDITION Y
HEAD SPACE ABSENT Y
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS Y
PRESERVED IN LAB

COMMENTS: STD. TAT

1.8°

PRESERVATION VOAS O&G METALS OTHER pH<2

12-6-12

SunStar Laboratories, Inc.
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SAMPLE RECEIVING REVIEW SHEET

BATCH # T122269

Client Name: Gribi Project: California Syrup & Extract

Received by: Dan Date/Time Received: 12/6/12 9:54

Delivered by : ☐ Client ☐ SunStar Courier ☒ GSO ☐ FedEx ☐ Other _____

Total number of coolers received 1 **Temp criteria = 6°C > 0°C (no frozen containers)**

Temperature: cooler #1 2.0 °C +/- the CF (- 0.2°C) = 1.8 °C corrected temperature

cooler #2 _____ °C +/- the CF (- 0.2°C) = _____ °C corrected temperature

cooler #3 _____ °C +/- the CF (- 0.2°C) = _____ °C corrected temperature

Samples outside temp. but received on ice, w/in 6 hours of final sampling.	☒Yes	☐No*	☐N/A
Custody Seals Intact on Cooler/Sample	☒Yes	☐No*	☐N/A
Sample Containers Intact	☒Yes	☐No*	
Sample labels match COC ID's	☒Yes	☐No*	
Total number of containers received match COC	☒Yes	☐No*	
Proper containers received for analyses requested on COC	☒Yes	☐No*	
Proper preservative indicated on COC/containers for analyses requested	☒Yes	☐No*	☐N/A

Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times. ☒Yes ☐No*

* Complete Non-Conformance Receiving Sheet if checked Cooler/Sample Review - Initials and date DM 12/6/12

Comments: