



GETTLER-RYAN INC.

FACSIMILE COVER SHEET

TO: Ms. Susan Hugo DATE: 12/8/99

COMPANY: Alameda County Dept. of Environ. Health

FAX NUMBER: (510) 337-9335

FROM: Steve Carter / Greg Guss

SUBJECT: Chevron # 20-6265

COMMENTS: Table of analytical data for recent

Sampling conducted to profile soil for
disposal characterization. Site Plan
showing sample locations also attached.

Please call us at 916.631.1300 if you
have questions.

Total Pages Including Cover Sheet: 5

If there are any problems with this transmission, please call 916.631.1300.

SOIL ANALYTICAL RESULTS² (four point composites)
 Former Chevron Asphalt Plant Terminal #206265
 1520 Powell Street
 Emeryville, California
 Samples Collected on November 22 and 23, 1999

Sample Identification	TPHg (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	TPHd (mg/kg)	TRPH (mg/kg)	Total Lead (mg/kg)	Soluble Lead (mg/l)	VOC (mg/kg)
G1(5,9.5,A5,A9.5)	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	2.1 ^{10,12}	82	12	---	ND
G2(5,9.5,A5,A9.5)	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	5.9 ^{10,12}	91	10	---	ND ¹⁴
G3(5,9.5,A5,A9.5)	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	1.6 ¹²	<50	34	---	ND ¹⁵
G4(5,9.5,A5,A9.5)	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	6.7 ^{10,12}	100	19	---	ND ¹⁶
G5(5,9.5,A5,A9.5)	7.3 ²	<0.0050	0.0089	0.0073	0.049	38 ^{10,4}	310	36	---	---
G6(5,9.5,A5,A9.5)	46 ⁸	<0.10	<0.10	0.15	0.46	13 ^{4,12}	110	12	---	---
G7(5,9.5,A5,A9.5)	56 ^{8,9}	<0.25	<0.25	<0.25	<0.25	89 ^{4,10,12}	330	34	---	---
G8(5,9.5,A5,A9.5)	39 ⁷	<0.025	<0.025	0.025	0.14	14 ^{4,10,12}	150	19	---	---
G9(5,9.5,A5,A9.5)	10 ⁷	<0.050	0.052	<0.050	0.19	10 ^{10,12}	240	14	---	---
G10(5,9.5,A5,A9.5)	5.7 ¹	<0.0050	0.0084	0.0060	0.039	16 ^{10,4}	340	13	---	---
G11(5,9.5,A5,A9.5)	11 ²	<0.025	<0.025	<0.025	<0.025	12 ¹⁰	160	48	---	---
G12(5,9.5,A5,A9.5)	130 ²	<0.10	<0.10	<0.10	0.48	390 ^{11,4}	310	51	<0.020	---
G13(5,9.5,A5,A9.5)	22 ^{3,4}	<0.10	<0.10	<0.10	0.45	18 ^{10,4}	330	14	---	ND ²⁰
G14(5,9.5,A5,A9.5)	550 ⁷	0.35	0.64	0.92	2.4	20 ¹³	130	6.5	---	ND ¹⁷
G15(5,9.5,A5,A9.5)	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	8.9 ^{10,12}	340	36	---	ND ¹⁸
G16(5,9.5,A5,A9.5)	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	3.1 ¹²	<50	6.0	---	ND
G17(5,9.5,A5,A9.5)	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	2.9 ^{10,12}	120	8.5	---	ND
G18(5,9.5,A5,A9.5)	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	1.5 ¹²	140	9.0	---	ND
G19(5,9.5,A5,A9.5)	7.1 ⁷	<0.0050	0.0058	0.016	0.075	6.3 ^{10,12}	200	9.0	---	ND
G20(5,9.5,A5,A9.5)	<1.0	<0.0050	0.0061	<0.0050	<0.0050	1.5 ¹⁰	57	11	---	ND ¹⁹
G21(5,9.5,A5,A9.5)	<1.0	<0.0050	0.0059	<0.0050	0.0093	3.3 ¹⁰	120	12	---	---
G22(5,9.5,A5,A9.5)	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	24 ^{10,4}	750	17	---	---

SOIL ANALYTICAL RESULTS (32 four point composites)										
Former Chevron Asphalt Plant & Terminal #206265										
1520 Powell Street										
Emeryville, California										
Samples Collected on November 22 and 23, 1999										
Sample Identification	TPHg (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	TPHd (mg/kg)	TRPH (mg/kg)	Total Lead (mg/kg)	Soluble Lead (mg/l)	VOC (mg/kg)
G23(5,9.5,A5,A9.5)	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	25 ^{10,4}	600	13	---	---
G24(5,9.5,A5,A9.5)	<1.0	<0.0050	0.022	0.0070	0.043	4.6 ¹⁰	410	19	---	---
G25(5,9.5,A5,A9.5)	15 ¹	<0.0050	0.0055	0.011	0.044	19 ^{4,10}	250	17	---	---
G26(5,9.5,A5,A9.5)	14 ²	<0.0050	<0.0050	<0.0050	0.029	6.3 ¹¹	180	29	---	---
G27(5,9.5,A5,A9.5)	5.8 ⁵	<0.0050	<0.0050	<0.0050	0.013	2.5 ^{10,12}	110	65	<0.020	---
G28(5,9.5,A5,A9.5)	3.3 ⁵	<0.0050	<0.0050	<0.0050	<0.0050	6.9 ¹⁰	95	150	1.6	---
G29(5,9.5,A5,A9.5)	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	2.2 ^{10,12}	89	10	---	ND
G30(5,9.5,A5,A9.5)	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	3.4 ^{10,12}	<50	10	---	ND
G31(5,9.5,A5,A9.5)	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	23 ^{4,10}	230	600	19	ND
G32(5,9.5,A5,A9.5)	1.9 ⁶	<0.0050	<0.0050	<0.0050	<0.0050	25 ¹¹	<50	9.1	---	ND

Notes/Explanation:

- ¹ Chromatogram pattern: Gasoline C6-C12 + Unidentified hydrocarbon C6-C12
- ² Chromatogram pattern: Gasoline C6-C12 + Unidentified hydrocarbons >C8
- ³ Chromatogram pattern: Gasoline C6-C12
- ⁴ The surrogate recovery for this sample is outside the established control limits due to sample matrix effect.
- ⁵ Chromatogram pattern: Unidentified Hydrocarbon >C8
- ⁶ Unidentified hydrocarbon >C10
- ⁷ Chromatogram pattern: Unidentified Hydrocarbons C6-C12
- ⁸ Unidentified Hydrocarbon >C7
- ⁹ The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference.
- ¹⁰ Chromatogram pattern: Unidentified hydrocarbons >C16
- ¹¹ Chromatogram pattern: Diesel C9-C24 + Unidentified hydrocarbons >C16
- ¹² Discrete peaks

SOIL ANALYTICAL RESULTS (32 four point composites)

Former Chevron Asphalt Plant & Terminal #206265

1520 Powell Street

Emeryville, California

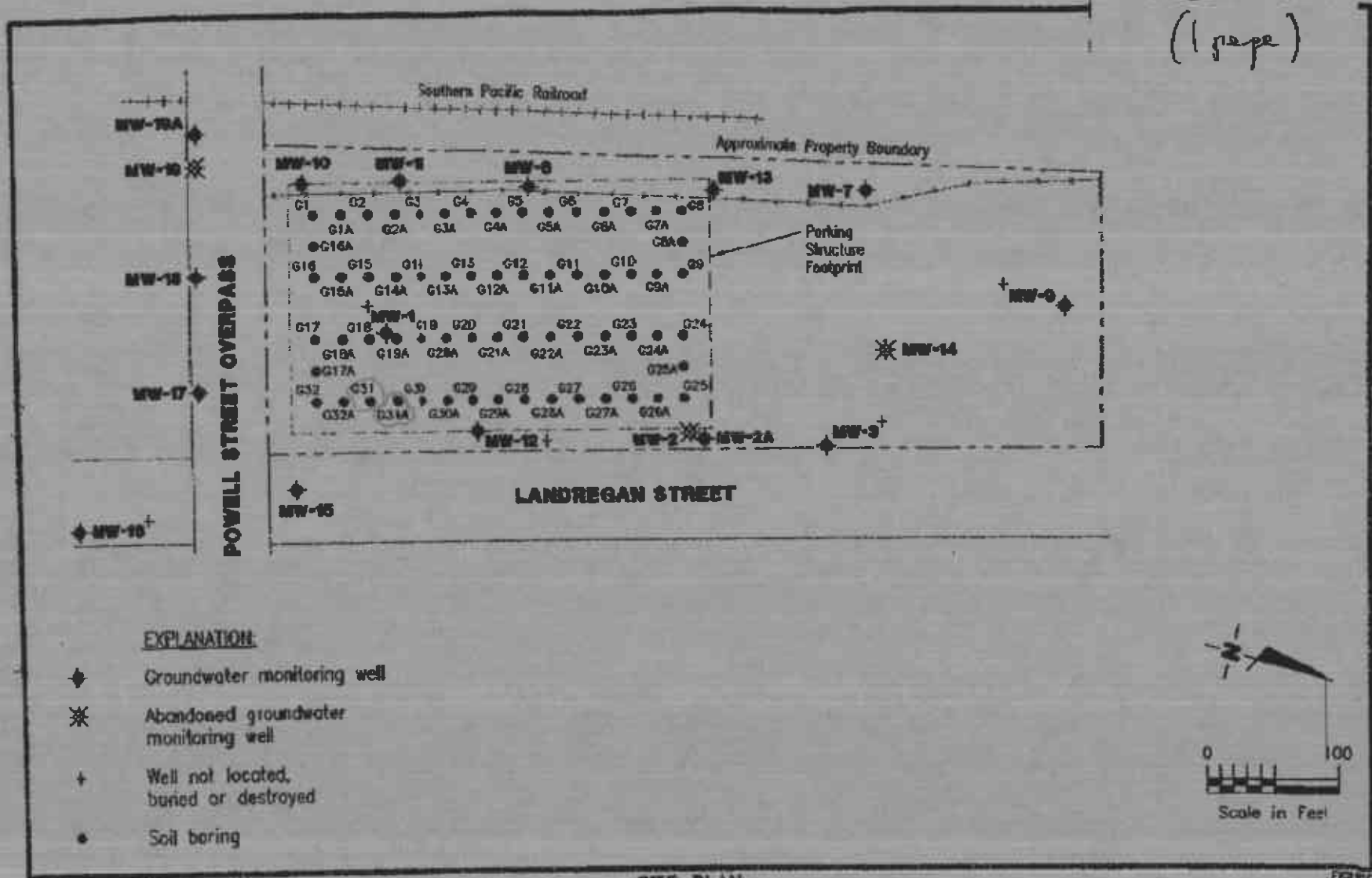
Samples Collected on November 22 and 23, 1999

Sample Identification	TPHg (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	TPHd (mg/kg)	TRPH (mg/kg)	Total Lead (mg/kg)	Soluble Lead (mg/l)	VOC (mg/kg)
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- ¹³ Chromatogram pattern: Unidentified hydrocarbons <C16
- ¹⁴ All compounds non-detectable except vinyl acetate (0.10 mg/kg) and trichloroethene (0.41 mg/kg)
- ¹⁵ All compounds non-detectable except trichloroethene (0.12 mg/kg)
- ¹⁶ All compounds non-detectable except trichloroethene (0.28 mg/kg)
- ¹⁷ All compounds non-detectable except ethylbenzene (0.34 mg/kg)
- ¹⁸ All compounds non-detectable except benzene (0.37 mg/kg), toluene (0.42 mg/kg), chlorobenzene (0.40 mg/kg), ethylbenzene (0.39 mg/kg), and xylenes (1.2 mg/kg)
- ¹⁹ All compounds non-detectable except toluene (0.11 mg/kg)
- ²⁰ Reporting limit(s) for this sample have been raised due to high levels of non-target compounds

mg/kg = milligram/kilogram
 mg/l = milligram/liter
 TPHg = total petroleum hydrocarbons as gasoline
 TPHd = total petroleum hydrocarbons as diesel
 TRPH = total recoverable petroleum hydrocarbons (5520e&f)
 VOC = volatile organic compounds

To: Steve Eric
 From: Barbara Cook
 (1 page)



EXPLANATION:

- ◆ Groundwater monitoring well
- ✱ Abandoned groundwater monitoring well
- +
- Soil boring

** TOTAL PAGE .002 **



Gottler - Ryan Inc.

6747 Sierra Ct., Suite J (925) 551-7516
 Dublin, CA 94568

SITE PLAN
 Former Chevron Asphalt Plant
 and Terminal No. 1001067
 Emeryville, California

FIGURE
2

JOB NUMBER
 345161.02

REVIEWED BY

DATE
 11/99

REVISED DATE