February 1, 2007

Mr. Don Hwang
Hazardous Materials Specialist
ALAMEDA COUNTY ENVIROMENTAL HEALTH
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Clayton Project No.33104-004578.00

Subject: **First Quarter 2007 Groundwater Monitoring Report**
Former Lemoine Sausage Factory
630 29th Avenue
Oakland, California

Dear Mr. Hwang:

Clayton Group Services is pleased to present the results of the First Quarter 2007 groundwater monitoring event performed at the Former Lemoine Sausage Factory, located at 630 29th Avenue in Oakland, California. If you have any comments or questions regarding the report, please do not hesitate to contact me at (925) 426-2626.

Sincerely,

Timothy G. Bodkin, C.E.G., R.E.A.
Senior Project Manager
Environmental Services

Jeremy V. Wilson
Environmental Consultant
Environmental Services

JVW/tgb

cc: Bob Pender, AIG Technical Services
Donna Proffitt, Bank of America
Richard Tong, Bureau Veritas

First Quarter 2007 Groundwater Monitoring Report

Former Lemoine Sausage Factory
630 29th Avenue
Oakland, California

February 1, 2007
33104-004578.00

Prepared for:
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CONTENTS

1.0 INTRODUCTION

Clayton Group Services, Inc., *a Bureau Veritas Company* (Clayton), has prepared the following First Quarter 2007 Groundwater Monitoring Report for the former Lemoine Sausage Factory. The site is located at 630 29th Avenue near its intersection with 7th Street in Oakland, California (Figure 1). Groundwater monitoring is being performed at this site on a quarterly basis in accordance with an Alameda County Environmental Health (ACEH) letter dated June 19, 1999. Groundwater monitoring has been required due to past releases from a gasoline underground storage tank (UST) previously located beneath the sidewalk adjacent to the site.

The purpose of the groundwater monitoring is to document groundwater flow conditions and water quality beneath the site. Depth to groundwater measurements were obtained and groundwater samples were collected and analyzed for total petroleum hydrocarbons as gasoline (TPH-g) and associated compounds, including benzene, toluene, ethylbenzene and total xylenes (BTEX), and volatile organic compounds (VOCs).

2.0 SITE DESCRIPTION AND HISTORY

A single 1,000-gallon gasoline UST and associated plumbing/piping were formerly located beneath the sidewalk along 7th Street immediately east of the subject building. The fuel dispenser for the UST was located in a "cubby hole" near the building's roll-up door. The UST, fuel dispenser, and associated piping were removed on November 21, 1996. Confirmation soil samples were collected from the excavation for laboratory analyses. A petroleum hydrocarbon sheen was noted on groundwater that collected in the tank excavation. Analytical results showed the presence of petroleum hydrocarbons in the confirmation samples.

Subsequent groundwater investigations were performed to define the vertical and lateral extent of petroleum hydrocarbons in groundwater and to monitor groundwater conditions around the site. Several monitoring wells were installed and screened within the first-encountered water bearing zone, which predominantly occurs within low permeability clayey and sandy silts. The highest concentrations of TPH-g and benzene have been detected in the immediate vicinity or just downgradient of the former UST. VOCs have also been detected in monitoring wells located to the south and southwest of the former UST location and are believed to be originating from an off-site source.

3.0 FIELD ACTIVITIES

Groundwater level measurements and samples were obtained from ten (10) existing monitoring wells (MW-1, MW-2, and MW-6 through MW-13).

3.1. GROUNDWATER LEVEL MEASUREMENTS

On January 11, 2007, depth to water measurements were obtained in the monitoring wells to calculate groundwater elevations and to estimate the groundwater flow direction and gradient. The wells were opened and allowed to stabilize prior to measuring the groundwater levels. The depth to

water in each well was measured using an electronic well sounder. Groundwater depths were measured from a surveyed reference elevation point represented by a V-notch at the top of each casing. Groundwater elevations were calculated by subtracting the measured depth to water from the top of casing elevation at each monitoring well.

3.2. GROUNDWATER PURGING

Prior to groundwater sample collection at each monitoring well, between three and five well casing volumes of standing water were removed with the exception of Wells MW-1 and MW-2, which were not purged because of the lack of sufficient water within the well casing and poor groundwater recharge. Wells MW-6 through MW-13 were purged by hand bailing with 1-liter plastic disposable bailers.

The purge volume from each monitoring well was determined by multiplying the nominal cross-sectional area of the well casing by the water column within each well casing. The water column height in each well was determined by subtracting the depth to water from the total well casing depth. Water quality parameters (pH, specific conductivity, and temperature) were measured and recorded onto Field Sampling Data Sheets. Water quality parameter measurements were taken prior to purging and after removing each well casing volume of water from each monitoring well.

Groundwater purged from monitoring wells was stored onsite in sealed 55-gallon drums and labeled with identifying information. Groundwater level measurements for the First Quarter 2007 monitoring event were recorded on Field Sampling Data Sheets, as presented in Appendix A.

3.3 GROUNDWATER SAMPLING

Before groundwater sampling commenced, each purged monitoring well was allowed to recharge to at least 80% of the pre-purged standing water volume, except for Wells MW-1 and MW-2 for the reasons stated above. Groundwater samples for laboratory analyses were retrieved using either a peristaltic pump equipped with polytubing or a new disposable bailer. Groundwater samples were poured into appropriate laboratory-supplied containers. Sample containers were sealed, labeled with identifying project information, logged onto a chain-of-custody document, and temporarily stored in a chilled ice chest containing crushed ice for transport to the laboratory.

3.4 LABORATORY ANALYSES

Groundwater samples were analyzed by Curtis and Tompkins Ltd. of Berkeley, California, a State of California-certified laboratory. The samples were analyzed by the following United States Environmental Protection Agency (USEPA) approved analytical methods:

- USEPA Method 8021B for TPH-g/BTEX
- USEPA Method 8260B for VOCs

Certified analytical data sheets and chain-of-custody documentation for the First Quarter 2007 groundwater sampling event are presented in Appendix B.

4.0 FINDINGS

4.1. GROUNDWATER FLOW CONDITIONS

Groundwater flow conditions were assessed based upon the groundwater level measurements obtained in the wells. Groundwater depths ranged between 4.01 and 10.45 feet below the tops of well casings. Groundwater elevations ranged between 7.08 and 12.68 feet above mean sea level. Groundwater flow is to the west-southwest at an estimated gradient of 0.029 feet per foot (ft/ft). Depth to water measurements and groundwater elevation data from this event and previous events are presented in Table 1. The First Quarter 2007 groundwater elevation map is presented on Figure 2.

4.2. ANALYTICAL RESULTS

Analytical results for groundwater showed the presence of petroleum hydrocarbons and VOCs. The frequency and range of petroleum hydrocarbons and VOCs detected in groundwater during this quarter are as follows:

- TPH-g was detected in Wells MW-1, MW-2, MW-8, MW-9, MW-12, and MW-13 at concentrations ranging between 76 and 45,000 micrograms per liter (μg/L).
- Benzene was detected in Wells MW-1, MW-2, MW-8, MW-9, and MW-13 at concentrations ranging between 44 and 13,000 μg/L.
- Toluene was detected in Wells MW-1, MW-2, and MW-9 at concentrations ranging between 240 and 460 μg/L.
- Ethylbenzene was detected in Wells MW-1, MW-2, MW-8, MW-9, and MW-13 at concentrations ranging between 49 and 1,100 μg/L.
- Total xylenes were detected in Wells MW-1, MW-2, MW-8, MW-9, and MW-13 at concentrations ranging between 1.1 and 3050 μg/L.
- Trichloroethene (TCE) was detected in Wells MW-12 and MW-13 at 140 and 24 μg/L, respectively.
- Cis-1,2-dichloroethene (cis-1,2-DCE) was detected in Wells MW-8, MW-12, and MW-13 at concentrations of 820, 47, and 87 μg/L, respectively.
- Trans-1,2-dichloroethene (trans-1,2-DCE) was detected in Wells MW-8, MW-12, and MW-13 at concentrations ranging between 32 and 53 μg/L.

- Vinyl chloride (VC) was detected in Wells MW-8 and MW-13 at 58 and 11 µg/L, respectively.

Historical groundwater analytical results for petroleum hydrocarbons and VOCs detected in groundwater are presented in Table 2. TPH-g and benzene concentrations detected in groundwater and isoconcentration contours for these constituents detected during First Quarter 2007 are presented on Figures 3 and 4, respectively. TCE and cis 1,2-DCE concentrations detected in groundwater during First Quarter 2007 are presented in Figure 5.

5.0 CONCLUSIONS

Groundwater conditions for First Quarter 2007 are relatively consistent with those trends noted during previous monitoring events. TPH-g and BTEX concentrations detected in groundwater have generally slightly increased and remained relatively similar in comparison with the previous event, except for Well MW-13. TPH-g concentrations at Well MW-13 are significantly elevated and according to the analyticallaboratory notes, the sample exhibits a chromatographic pattern which does not resemble the standard. The highest concentrations of TPH-g and benzene were detected in Well MW-2, which is near the former UST location, and in Well MW-9, which is located downgradient of the former UST location within the central portion of the subject building. Wells MW-1, MW-12, and MW-13 define the northern, western, and southern edges of the petroleum hydrocarbon plume.

VOCs detected in groundwater during First Quarter 2007 include TCE and associated degradation compounds (such as cis-1,2-DCE, trans-1,2-DCE, and VC). VOC concentrations were detected in Wells MW-8, MW-12, and MW-13, which are located downgradient from the site and former UST location. VOC concentrations detected during this monitoring event appear to be similar with those detected in the previous event. The source of the VOCs is unknown and appears to be located off-site. VOC concentrations in groundwater beneath the site are not related to the UST release. Changes in VOC concentrations over the past several monitoring events indicate that the natural degradation of TCE is occurring.

Report prepared by:_____

Jeremy V. Wilson
Environmental Consultant
Environmental Services

Report reviewed by:_____

Timothy G. Bodkin, C.E.G., R.E.A.
Senior Project Manager
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PROFESSIONAL GEOLOGIST
TIMOTHY G. BODKIN
No. 1551
CERTIFIED
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GEOLOGIST
1/31/07
STATE OF CALIFORNIA

February 1, 2007

TABLES

TABLE 1

HISTORICAL GROUNDWATER ELEVATION DATA
FORMER LEMOINE SAUSAGE FACTORY
630 29TH AVENUE
OAKLAND, CALIFORNIA

Well Identification	Date Measured	Top of Casing Elevation (ft,msl)	Depth to Water (feet)	Groundwater Elevation (ft,msl)
MW-1	2/8/1999	16.69	3.60	13.09
	6/15/2000	16.69	4.82	11.87
	9/22/2000	16.69	6.30	10.39
	12/19/2000	16.69	5.50	11.19
	3/21/2001	16.69	4.29	12.40
	6/20/2001	16.69	5.85	10.84
	9/25/2001	16.69	6.76	9.93
	12/3/2001	16.69	4.17	12.52
	3/25/2002	16.69	2.77	13.92
	6/28/2002	16.69	5.61	11.08
	9/11/2002	16.69	6.17	10.52
	12/16/2002	16.69	3.91	12.78
	3/28/2003	16.69	4.44	12.25
	6/24/2003	16.69	5.29	11.40
	9/26/2003	16.69	6.88	9.81
	12/16/2003	16.69	NM	NM
	4/6/2004	16.69	3.57	13.12
	6/23/2004	16.69	5.96	10.73
	9/15/2004	16.69	NM	NM
	12/16/2004	16.69	4.40	12.29
	3/22/2005	16.69	3.44	13.25
	6/24/2005	16.69	4.45	12.24
	9/13/2005	16.69	6.03	10.66
	12/2/2005	16.69	4.95	11.74
	3/2/2006	16.69	3.74	12.95
	6/15/2006	16.69	4.58	12.11
	9/14/2006	16.69	5.15	11.54
	1/11/2007	16.69	4.01	12.68
MW-2	2/8/1999	20.79	14.20	6.59
	6/15/2000	20.79	10.46	10.33
	9/22/2000	20.79	11.49	9.30
	12/19/2000	20.79	11.38	9.41
	3/21/2001	20.79	10.01	10.78
	6/20/2001	20.79	10.92	9.87
	9/25/2001	20.79	11.78	9.01
	12/3/2001	20.79	11.13	9.66
	3/25/2002	20.79	9.21	11.58
	6/28/2002	20.79	10.65	10.14
	9/11/2002	20.79	10.89	9.90
	12/16/2002	20.79	11.15	9.64
	3/28/2003	20.79	10.27	10.52
	6/24/2003	20.79	10.24	10.55
	9/26/2003	20.79	11.20	9.59
	12/16/2003	20.79	11.50	9.29
	4/6/2004	20.79	9.40	11.39
	6/23/2004	20.79	11.60	9.19
	9/15/2004	20.79	10.94	9.85
	12/16/2004	20.79	NM	NM

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630 29TH AVENUE
OAKLAND, CALIFORNIA

Well Identification	Date Measured	Top of Casing Elevation (ft,msl)	Depth to Water (feet)	Groundwater Elevation (ft,msl)
MW-2	3/22/2005	20.79	9.26	11.53
	6/24/2005	20.79	10.03	10.76
	9/13/2005	20.79	10.58	10.21
	12/2/2005	20.79	NM	NM
	3/2/2006	20.79	9.45	11.34
	6/15/2006	20.79	9.84	10.95
	9/14/2006	20.79	10.27	10.52
	1/11/2007	20.79	10.45	10.34
MW-3	2/8/1999	21.10	7.45	13.65
	6/15/2000	21.10	10.56	10.54
	9/22/2000	21.10	15.30	5.80
	12/19/2000	21.10	9.72	11.38
	3/21/2001	21.10	8.95	12.15
	6/20/2001	21.10	10.14	10.96
	9/25/2001	21.10	10.74	10.36
	Removed from monitoring program in October 2001			
MW-4	2/8/1999	17.78	4.13	13.65
	6/15/2000	17.78	6.30	11.48
	9/22/2000	17.78	6.90	10.88
	12/19/2000	17.78	6.40	11.38
	3/21/2001	17.78	5.77	12.01
	6/20/2001	17.78	6.78	11.00
	9/25/2001	17.78	7.40	10.38
	Removed from monitoring program in October 2001			
MW-5	2/8/1999	21.12	7.62	13.50
	6/15/2000	21.12	10.36	10.76
	9/22/2000	21.12	9.99	11.13
	12/19/2000	21.12	9.99	11.13
	3/21/2001	21.12	8.68	12.44
	6/20/2001	21.12	9.90	11.22
	9/25/2001	21.12	10.34	10.78
	Removed from monitoring program in October 2001			
MW-6	6/15/2000	16.60	5.47	11.13
	9/22/2000	16.60	6.54	10.06
	12/19/2000	16.60	5.93	10.67
	3/21/2001	16.60	4.70	11.90
	6/20/2001	16.60	6.13	10.47
	9/25/2001	16.60	6.68	9.92
	12/3/2001	16.60	4.72	11.88
	3/25/2002	16.60	3.93	12.67
	6/28/2002	16.60	5.83	10.77
	9/11/2002	16.60	5.43	11.17
	12/16/2002	16.60	3.93	12.67
	3/28/2003	16.60	NM	
	6/24/2003	16.60	5.52	11.08

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630 29TH AVENUE
OAKLAND, CALIFORNIA

Well Identification	Date Measured	Top of Casing Elevation (ft,msl)	Depth to Water (feet)	Groundwater Elevation (ft,msl)
MW-6	9/26/2003	16.60	6.70	9.90
	12/16/2003	16.60	4.99	11.61
	4/6/2004	16.60	4.85	11.75
	6/23/2004	16.60	5.76	10.84
	9/15/2004	16.60	6.56	10.04
	12/16/2004	16.60	4.56	12.04
	3/22/2005	16.60	3.63	12.97
	6/24/2005	16.60	4.84	11.76
	9/13/2005	16.60	6.15	10.45
	12/2/2005	16.60	5.24	11.36
	3/2/2006	16.60	3.41	13.19
	6/15/2006	16.60	5.09	11.51
	9/14/2006	16.60	5.68	10.92
	1/11/2007	16.60	4.71	11.89
MW-7	12/16/2002	15.47	5.01	10.46
	12/17/2002	15.47	6.95	8.52
	12/18/2002	15.47	6.94	8.53
	12/19/2002	15.47	6.04	9.43
	12/20/2002	15.47	6.48	8.99
	12/21/2002	15.47	7.25	8.22
	12/22/2002	15.47	6.90	8.57
	12/23/2002	15.47	5.53	9.94
	12/24/2002	15.47	7.20	8.27
	12/25/2002	15.47	7.51	7.96
	12/26/2002	15.47	6.40	9.07
	3/28/2003	15.47	5.68	9.79
	6/24/2003	15.47	6.13	9.34
	9/26/2003	15.47	7.22	8.25
	12/16/2003	15.47	5.68	9.79
	4/6/2004	15.47	5.60	9.87
	6/23/2004	15.47	6.20	9.27
	9/15/2004	15.47	6.70	8.77
	12/16/2004	15.47	5.15	10.32
	3/22/2005	15.47	NM	NM
	6/24/2005	15.47	NM	NM
	9/13/2005	15.47	6.45	9.02
	12/2/2005	15.47	5.93	9.54
	3/2/2006	15.47	4.65	10.82
	6/15/2006	15.47	5.71	9.76
	9/14/2006	15.47	6.10	9.37
	1/11/2007	15.47	6.04	9.43

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OAKLAND, CALIFORNIA

Well Identification	Date Measured	Top of Casing Elevation (ft,msl)	Depth to Water (feet)	Groundwater Elevation (ft,msl)
MW-8	6/15/2000	17.58	7.14	10.44
	9/22/2000	17.58	8.33	9.25
	12/19/2000	17.58	7.71	9.87
	3/21/2001	17.58	6.40	11.18
	6/20/2001	17.58	7.96	9.62
	9/25/2001	17.58	8.89	8.69
	12/3/2001	17.58	6.58	11.00
	3/25/2002	17.58	5.40	12.18
	6/28/2002	17.58	7.71	9.87
	9/11/2002	17.58	8.40	9.18
	12/16/2002	17.58	5.63	11.95
	3/28/2003	17.58	6.62	10.96
	6/24/2003	17.58	7.44	10.14
	9/26/2003	17.58	8.71	8.87
	12/16/2003	17.58	6.69	10.89
	4/6/2004	17.58	6.74	10.84
	6/23/2004	17.58	7.98	9.60
	9/15/2004	17.58	8.52	9.06
	12/16/2004	17.58	5.61	11.97
	3/22/2005	17.58	5.54	12.04
	6/24/2005	17.58	6.77	10.81
	9/13/2005	17.58	7.92	9.66
	12/2/2005	17.58	7.36	10.22
	3/2/2006	17.58	5.83	11.75
	6/15/2006	17.58	6.99	10.59
	9/14/2006	17.58	7.58	10.00
	1/11/2007	17.58	6.30	11.28
MW-9	12/3/2001	17.61	5.79	11.82
	3/25/2002	17.61	4.98	12.63
	6/28/2002	17.61	7.71	9.90
	9/11/2002	17.61	6.91	10.70
	12/16/2002	17.61	6.58	11.03
	3/28/2003	17.61	6.08	11.53
	6/24/2003	17.61	6.42	11.19
	9/26/2003	17.61	8.14	9.47
	12/16/2003	17.61	6.76	10.85
	4/6/2004	17.61	5.97	11.64
	6/23/2004	17.61	7.80	9.81
	9/15/2004	17.61	7.14	10.47
	12/16/2004	17.61	5.73	11.88
	3/22/2005	17.61	5.31	12.30
	6/24/2005	17.61	6.05	11.56
	9/13/2005	17.61	6.70	10.91

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MW-9	12/2/2005	17.61	6.92	10.69
	3/2/2006	17.61	5.83	11.78
	6/15/2006	17.61	6.32	11.29
	9/14/2006	17.61	6.79	10.82
	1/11/2007	17.61	5.59	12.02
MW-10	12/3/2001	16.92	4.22	12.70
	3/25/2002	16.92	3.00	13.92
	6/28/2002	16.92	5.65	11.27
	9/11/2002	16.92	6.16	10.76
	12/16/2002	16.92	3.74	13.18
	3/28/2003	16.92	4.54	12.38
	6/24/2003	16.92	5.40	11.52
	9/26/2003	16.92	6.98	9.94
	12/16/2003	16.92	4.94	11.98
	4/6/2004	16.92	4.54	12.38
	6/23/2004	16.92	5.96	10.96
	9/15/2004	16.92	6.86	10.06
	12/16/2004	16.92	4.45	12.47
	3/22/2005	16.92	3.56	13.36
	6/24/2005	16.92	4.58	12.34
	9/12/2005	16.92	6.08	10.84
	12/2/2005	16.92	4.94	11.98
	3/2/2006	16.92	3.90	13.02
	6/15/2006	16.92	4.74	12.18
	9/14/2006	16.92	5.27	11.65
	1/11/2007	16.92	4.37	12.55
MW-11	12/3/2001	14.87	5.67	9.20
	3/25/2002	14.87	4.68	10.19
	6/28/2002	14.87	6.35	8.52
	9/11/2002	14.87	6.91	7.96
	12/16/2002	14.87	3.92	10.95
	3/28/2003	14.87	5.17	9.70
	6/24/2003	14.87	5.86	9.01
	9/26/2003	14.87	7.16	7.71
	12/16/2003	14.87	5.61	9.26
	4/6/2004	14.87	5.49	9.38
	6/23/2004	14.87	5.68	9.19
	12/16/2004	14.87	4.69	10.18
	3/22/2005	14.87	4.20	10.67
	6/24/2005	14.87	5.41	9.46
	9/13/2005	14.87	6.23	8.64
	9/15/2005	14.87	6.45	8.42
	12/2/2005	14.87	5.95	8.92
	3/2/2006	14.87	4.31	10.56
	6/15/2006	14.87	5.40	9.47
	9/14/2006	14.87	5.94	8.93
	1/11/2007	14.87	5.45	9.42

TABLE 1

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FORMER LEMOINE SAUSAGE FACTORY
630 29TH AVENUE
OAKLAND, CALIFORNIA

Well Identification	Date Measured	Top of Casing Elevation (ft,msl)	Depth to Water (feet)	Groundwater Elevation (ft,msl)
MW-12	6/28/2002	14.05	6.13	7.92
	9/11/2002	14.05	6.82	7.23
	12/16/2002	14.05	4.94	9.11
	3/28/2003	14.05	5.08	8.97
	6/24/2003	14.05	5.73	8.32
	9/26/2003	14.05	6.94	7.11
	12/16/2003	14.05	4.99	9.06
	4/6/2004	14.05	5.04	9.01
	6/23/2004	14.05	5.78	8.27
	9/15/2004	14.05	6.43	7.62
	12/16/2004	14.05	4.34	9.71
	3/22/2005	14.05	3.50	10.55
	6/24/2005	14.05	4.9	9.15
	9/12/2005	14.05	6.11	7.94
	12/2/2005	14.05	5.13	8.92
	3/2/2006	14.05	3.83	10.22
	6/15/2006	14.05	5.18	8.87
	9/14/2006	14.05	5.86	8.19
	1/11/2007	14.05	6.97	7.08
MW-13	6/28/2002	13.39	6.21	7.18
	9/11/2002	13.39	6.66	6.73
	12/16/2002	13.39	3.90	9.49
	3/28/2003	13.39	5.34	8.05
	6/24/2003	13.39	5.99	7.40
	9/26/2003	13.39	6.99	6.40
	12/16/2003	13.39	5.01	8.38
	4/6/2004	13.39	5.35	8.04
	6/23/2004	13.39	6.12	7.27
	9/15/2004	13.39	6.63	6.76
	12/16/2004	13.39	4.69	8.70
	3/22/2005	13.39	4.86	8.53
	6/24/2005	13.39	5.13	8.26
	9/12/2005	13.39	6.33	7.06
	12/2/2005	13.39	5.25	8.14
	3/2/2006	13.39	4.33	9.06
	6/15/2006	13.39	5.44	7.95
	9/14/2006	13.39	6.03	7.36
	1/11/2007	13.39	5.41	7.98

Notes:

1. All top of casing elevations referenced to mean sea level (msl) and surveyed with reference to the benchmark located at Peterson Street and East 7th Street.
2. NM refers to Not Measured.

TABLE 2

HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FORMER LEMOINE SAUSAGE FACTORY
630 29TH AVENUE
OAKLAND, CALIFORNIA

Sample Location	Date Sampled	TPH-g ug/L	Benzene ug/L	Toluene ug/L	Ethylbenzene ug/L	Total Xylenes ug/L	TCE ug/L	1,2-DCA ug/L	cis-1,2-DCE ug/L	trans-1,2-DCE ug/L	VC ug/L
	RWQCB ESL	**100**	**1**	**40**	**30**	**20**	**5**	**0.5**	**6**	**10**	**0.5**
	DHS MCL	**-**	**1**	**150**	**300**	**1750**	**5**	**0.5**	**6**	**10**	**0.5**
MW-1	2/8/1999	**48,000**	**3,900**	**6,300**	**970**	**4,300**	NA	<30	NA	NA	NA
	6/15/2000	**29,000**	**3,900**	<100	**1,900**	**4,200**	<5.0	<5.0	<5.0	<5.0	<5.0
	9/22/2000	**25,000**	**3,100**	**1,800**	**470**	**3,600**	NA	NA	NA	NA	NA
	12/19/2000	**25,000**	**3,200**	**1,900**	**480**	**3,300**	<2.5	<2.5	<2.5	<2.5	<2.5
	3/21/2000	**21,000**	**3,200**	**1,700**	**290**	**2,600**	<2.5	<2.5	<2.5	<2.5	<2.5
	6/21/2001	**12,000**	**2,000**	**880**	**180**	**1,180**	<0.5	3.0	<0.5	<0.5	<0.5
	9/26/2001	**16,000**	**1,100**	**130**	< 10	**320**	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
	12/3/2001	**15,000**	**2,800**	**1,200**	**310**	**1,660**	<3.1	<3.1	<3.1	<3.1	<3.1
	3/25/2002	**11,000**	**3,200**	**1,200**	**73**	**1,860**	<5	<5	<5	<5	<5
	6/28/2002	**26,000**	**3,200**	**1,800**	**640**	**2,900**	<3.1	<3.1	<3.1	<3.1	<3.1
	9/11/2002	**27,000**	**3,200**	**1,900**	**720**	**3,500**	<4.2	<4.2	<4.2	<4.2	<4.2
	12/16/2002	**20,000**	**2,800**	**490**	**500**	**2,300**	<4.2	<4.2	<4.2	<4.2	<4.2
	3/28/2003	**20,000**	**2,700**	**1,500**	**650**	**2,300**	<3.6	<3.6	<3.6	<3.6	<3.6
	6/24/2003	**14,000**	**2,400**	**1,400**	**500**	**2,100**	<4.2	<4.2	<4.2	<4.2	<4.2
	9/26/2003	**11,000**	**1,200**	**960**	**370**	**1,600**	<1.0	<1.0	<1.0	<1.0	<1.0
	12/16/2003	Not Sampled									
	4/6/2004	**18,000**	**2,400**	**1,300**	**550**	**1,730**	<2.0	<2.0	<2.0	<2.0	<2.0
	6/23/2004	**25,000**	**2,700**	**1,700**	**680**	**2,300**	<2.5	<2.5	<2.5	<2.5	<2.5
	9/15/2004	Not Sampled									
	12/16/2004	**1,800**	**260**	**89**	**32**	**119**	<2.5	<2.5	<2.5	<2.5	<2.5
	3/22/2005	**19,000**	**2,400**	**960**	**530**	**1,330**	<3.6	<3.6	<3.6	<3.6	<3.6
	6/24/2005	**12,000**	**2,400**	**450**	**470**	**940**	<3.6	<3.6	<3.6	<3.6	<3.6
	9/13/2005	**17,000**	**2,700**	**1,000**	**740**	**1,760**	<1.0	<1.0	<1.0	<1.0	<1.0
	12/2/2005	**9,300**	**1,500**	**500**	**420**	**1,060**	<3.6	<3.6	<3.6	<3.6	<3.6
	3/2/2006	**6,200**	**1,400**	**200**	**180**	**370**	<3.6	<3.6	<3.6	<3.6	<3.6
	6/15/2006	**10,000**	**2,500**	**200**	**440**	**570**	<4.2	<4.2	<4.2	<4.2	<4.2
	9/14/2006	**13,000**	**2,300**	**320**	**450**	**870**	<4.2	<4.2	<4.2	<4.2	<4.2
	1/11/2007	**14,000**	**1,200**	**270**	**450**	**850**	<2.0	<2.0	<2.0	<2.0	<2.0

TABLE 2

HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FORMER LEMOINE SAUSAGE FACTORY
630 29TH AVENUE
OAKLAND, CALIFORNIA

Sample Location	Date Sampled	TPH-g ug/L	Benzene ug/L	Toluene ug/L	Ethylbenzene ug/L	Total Xylenes ug/L	TCE ug/L	1,2-DCA ug/L	cis-1,2-DCE ug/L	trans-1,2-DCE ug/L	VC ug/L
	RWQCB ESL	**100**	**1**	**40**	**30**	**20**	**5**	**0.5**	**6**	**10**	**0.5**
	DHS MCL	**-**	**1**	**150**	**300**	**1750**	**5**	**0.5**	**6**	**10**	**0.5**
MW-2	2/8/1999	**41,000**	**11,000**	**4,900**	**650**	**1,720**	NA	**60**	NA	NA	NA
	6/29/2000	**31,000**	**11,000**	**930**	**4,400**	**250**	<5.0	**25**	<5.0	<5.0	<5.0
	9/22/2000	**24,000**	**10,000**	**2,700**	**370**	**1,200**	NA	NA	NA	NA	NA
	12/19/2000	**43,000**	**9,800**	**4,000**	**810**	**2,430**	<13	**21**	<13	<13	<13
	3/23/2001	**34,000**	**10,000**	**3,200**	**410**	**1,220**	<13	**14**	<13	<13	<13
	6/21/2001	**30,000**	**8,600**	**2,600**	**440**	**1,230**	<0.5	**5.6**	<0.5	<0.5	<0.5
	9/26/2001	**26,000**	**12,000**	**3,900**	**590**	**1,960**	< 10	**11**	< 10	< 10	< 10
	12/3/2001	**45,000**	**13,000**	**5,100**	**950**	**2,930**	<7.1	**14**	<7.1	<7.1	<7.1
	3/25/2002	**21,000**	**11,000**	**3,700**	**1,000**	**2,790**	<17	<17	<17	<17	<17
	6/28/2002	**8,400**	**2,200**	**680**	**21**	**220**	<3.1	**8.8**	<3.1	<3.1	<3.1
	9/11/2002	**23,000**	**6,600**	**1,000**	**600**	**1,320**	<6.3	**10**	<6.3	<6.3	<6.3
	12/16/2002	**6,000**	**1,600**	**410**	**150**	**402**	4.5	**2.7**	**69**	**6.9**	<2.5
	3/28/2003	**30,000**	**9,300**	**920**	**930**	**2,000**	<13	**14**	<13	<13	<13
	6/24/2003	**19,000**	**10,000**	**1,700**	**1,100**	**2,530**	<13	<13	<13	<13	<13
	9/26/2003	**20,000**	**10,000**	**2,100**	**960**	**2,520**	<17	<17	<17	<17	<17
	12/16/2003	**22,000**	**10,000**	**2,700**	**1,200**	**2,920**	<25	<25	<25	<25	<25
	4/6/2004	**27,000**	**7,600**	**1,700**	**630**	**1,420**	<10	<10	<10	<10	<10
	6/23/2004	**33,000**	**8,200**	**1,800**	**870**	**1,930**	<17	<17	<17	<17	<17
	9/15/2004	**46,000**	**13,000**	**1,300**	**1,400**	**2,710**	<17	<17	<17	<17	<17
	12/16/2004	Not Sampled									
	3/22/2005	**42,000**	**9,900**	**1,200**	**1,200**	**2,530**	<17	<17	<17	<17	<17
	6/24/2005	**31,000**	**12,000**	**1,200**	**810**	**1,380**	<20	<20	<20	<20	<20
	9/13/2005	**35,000**	**13,000**	**1,100**	**1,300**	**2,260**	<7.1	<7.1	<7.1	<7.1	<7.1
	12/2/2005	Not Sampled									
	3/2/2006	**25,000**	**7,900**	**620**	**740**	**1,260**	<7.1	<7.1	<7.1	<7.1	<7.1
	6/15/2006	**47,000**	**11,000**	**800**	**1,200**	**2,230**	<20	<20	<20	<20	<20
	9/14/2006	**50,000**	**11,000**	**470**	**1,200**	**2,330 C**	<10	<10	<10	<10	<10
	1/11/2007	**29,000**	**10,000**	**240**	**1,100**	**1,340**	<13	<13	<13	<13	<13

TABLE 2

HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FORMER LEMOINE SAUSAGE FACTORY
630 29TH AVENUE
OAKLAND, CALIFORNIA

Sample Location	Date Sampled	TPH-g ug/L	Benzene ug/L	Toluene ug/L	Ethylbenzene ug/L	Total Xylenes ug/L	TCE ug/L	1,2-DCA ug/L	cis-1,2-DCE ug/L	trans-1,2-DCE ug/L	VC ug/L
	RWQCB ESL	**100**	**1**	**40**	**30**	**20**	**5**	**0.5**	**6**	**10**	**0.5**
	DHS MCL	**-**	**1**	**150**	**300**	**1750**	**5**	**0.5**	**6**	**10**	**0.5**
MW-3	2/8/1999	**35,000**	**1,200**	**3,400**	**1,400**	**4,900**	NA	<30	NA	NA	NA
	6/29/2000	**39,000**	**7,800**	**630**	**8,000**	**3,400**	<5.0	**600**	<5.0	<5.0	<5.0
	9/22/2000	**83,000**	**16,000**	**20,000**	**1,300**	**7,000**	NA	NA	NA	NA	NA
	12/19/2000	**50,000**	**1,200**	**1,600**	**510**	**1,810**	<8.3	**350**	<8.3	<8.3	<8.3
	3/22/2001	**1,300**	**98**	**67**	**51**	**104**	<0.5	**2.3**	<0.5	<0.5	<0.5
	6/21/2001	**34,000**	**5,900**	**6,200**	**340**	**1,550**	2.4	**120**	**0.8**	<0.5	<0.5
	9/26/2001	**59,000**	**12,000**	**13,000**	**780**	**3,680**	< 8.3	**990**	< 8.3	< 8.3	< 8.3
	Removed from sampling program in October 2001										
MW-4	2/8/1999	**15,000**	**670**	**90**	**780**	**940**	NA	<30	NA	NA	NA
	6/15/2000	**2,300**	**230**	<5	**10**	**94**	<0.5	**0.88**	**2.1**	<0.5	<0.5
	9/22/2000	**12,000**	**2,800**	**82**	**1,100**	**1,300**	NA	NA	NA	NA	NA
	12/19/2000	**2,200**	**200**	**2.9**	**100**	**81.4**	<0.5	<0.5	<0.5	<0.5	<0.5
	3/22/2001	**5,600**	**1,100**	**13**	**310**	**303**	<0.5	<0.5	**1.6**	<0.5	<0.5
	6/21/2001	**11,000**	**2,300**	**26**	**570**	**641**	<0.5	**1.4**	**3.3**	<0.5	<0.5
	9/26/2001	**17,000**	**7,900**	< 50	**440**	**581**	< 0.5	**1.9**	**8.1**	< 0.5	< 0.5
	Removed from sampling program in October 2001										
MW-5	2/8/1999	**4,900**	**780**	**440**	**230**	**370**	<0.5	<0.5	<0.5	<0.5	<0.5
	6/29/2000	**3,900**	**1,500**	**28**	**330**	**260**	<0.5	**36**	<0.5	<0.5	<0.5
	9/27/2000	**16,000**	**4,300**	**3,100**	**420**	**1,600**	NA	NA	NA	NA	NA
	12/19/2000	**21,000**	**3,200**	**1,100**	**1,100**	**1,300**	<4.2	**15**	<4.2	<4.2	<4.2
	3/22/2001	**6,200**	**1,500**	**360**	**310**	**288**	<0.5	**3.3**	<0.5	<0.5	<0.5
	6/21/2001	**18,000**	**3,400**	**2,300**	**350**	**1,020**	<0.5	**21**	<0.5	<0.5	<0.5
	9/26/2001	**5,100**	**2,400**	**1,200**	< 10	**460**	< 3.6	**22**	< 3.6	< 3.6	< 3.6
	Removed from sampling program in October 2001										

TABLE 2

HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FORMER LEMOINE SAUSAGE FACTORY
630 29TH AVENUE
OAKLAND, CALIFORNIA

Sample Location	Date Sampled	TPH-g ug/L	Benzene ug/L	Toluene ug/L	Ethylbenzene ug/L	Total Xylenes ug/L	TCE ug/L	1,2-DCA ug/L	cis-1,2-DCE ug/L	trans-1,2-DCE ug/L	VC ug/L
	RWQCB ESL	**100**	**1**	**40**	**30**	**20**	**5**	**0.5**	**6**	**10**	**0.5**
	DHS MCL	**-**	**1**	**150**	**300**	**1750**	**5**	**0.5**	**6**	**10**	**0.5**
MW-6	6/15/2000	**1,100**	**3.8**	**2.2**	**2.1**	**4.8**	< 0.5	**0.78**	< 0.5	< 0.5	< 0.5
	9/22/2000	**71**	< 0.5	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	NA
	12/19/2000	**320**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	3/21/2001	**820**	< 0.5	< 0.5	**1.4**	**0.52**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	6/21/2001	**420**	< 0.5	< 0.5	**0.59**	**1**	< 0.5	**0.9**	< 0.5	< 0.5	< 0.5
	9/25/2001	**760**	< 0.5	< 0.5	< 0.5	**2.9**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12/3/2001	**72**	< 0.5	< 0.5	< 0.5	<0.5	< 0.5	**1.6**	< 0.5	< 0.5	< 0.5
	3/25/2002	**1,200**	**22**	**8.0**	**5.7**	**13.5**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	6/28/2002	**120**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.6**	< 0.5	< 0.5	< 0.5
	9/11/2002	**120**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12/16/2002	**62**	< 0.5	**0.54**	**3.0**	**8.39**	**0.7**	**1**	< 0.5	< 0.5	< 0.5
	3/28/2003	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/24/2003	**130**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	9/26/2003	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.7**	< 0.5	< 0.5	< 0.5
	12/16/2003	<50	< 0.5	< 0.5	< 0.5	**0.88**	**1.7**	< 0.5	**0.6**	<0.5	<0.5
	4/6/2004	**260**	< 0.5	< 0.5	< 0.5	< 0.5	<0.5	< 0.5	<0.5	<0.5	<0.5
	6/23/2004	**63**	< 0.5	< 0.5	< 0.5	< 0.5	<0.5	**0.8**	<0.5	<0.5	<0.5
	9/15/2004	<50	< 0.5	< 0.5	< 0.5	< 0.5	<0.5	< 0.5	<0.5	<0.5	<0.5
	12/16/2004	**240**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	3/22/2005	**420**	< 0.5	< 0.5	< 0.5	**0.95**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	6/24/2005	**91**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	9/13/2005	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12/2/2005	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.7**	< 0.5	< 0.5	< 0.5
	3/2/2006	**120**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	6/15/2006	**51**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

TABLE 2

HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FORMER LEMOINE SAUSAGE FACTORY
630 29TH AVENUE
OAKLAND, CALIFORNIA

Sample Location	Date Sampled	TPH-g ug/L	Benzene ug/L	Toluene ug/L	Ethylbenzene ug/L	Total Xylenes ug/L	TCE ug/L	1,2-DCA ug/L	cis-1,2-DCE ug/L	trans-1,2-DCE ug/L	VC ug/L
	RWQCB ESL	**100**	**1**	**40**	**30**	**20**	**5**	**0.5**	**6**	**10**	**0.5**
	DHS MCL	**-**	**1**	**150**	**300**	**1750**	**5**	**0.5**	**6**	**10**	**0.5**
MW-6	9/14/2006	**57**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	1/11/2007	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
MW-7	6/15/2000	**1,000**	**250**	< 10	<10	**16**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	9/22/2000	<50	**2**	< 0.5	< 0.5	< 0.5	NA	NA	NA	NA	NA
	12/19/2000	<50	**1.6**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	3/21/2001	**160**	**59**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	6/21/2001	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	9/25/2001	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12/3/2001	**82**	**24**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	3/25/2002	<50	**0.56**	**0.75**	<0.5	**0.69**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	6/28/2002	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	9/11/2002	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12/16/2002	<50	< 0.5	< 0.5	**1.6**	**3.7**	**0.5**	<0.5	<0.5	<0.5	<0.5
	3/28/2003	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	6/24/2003	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	9/26/2003	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12/16/2003	<50	< 0.5	< 0.5	< 0.5	**0.75**	**1.8**	< 0.5	**0.6**	< 0.5	< 0.5
	4/6/2004	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	6/23/2004	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	9/15/2004	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12/16/2004	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	3/22/2005	Not Sampled									
	6/24/2005	Not Sampled									
	9/12/2005	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	12/2/2005	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	3/2/2006	<50	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	6/15/2006	<50	< 0.5	< 0.5	< 0.5	**0.62**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5

TABLE 2

HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FORMER LEMOINE SAUSAGE FACTORY
630 29TH AVENUE
OAKLAND, CALIFORNIA

Sample Location	Date Sampled	TPH-g ug/L	Benzene ug/L	Toluene ug/L	Ethylbenzene ug/L	Total Xylenes ug/L	TCE ug/L	1,2-DCA ug/L	cis-1,2-DCE ug/L	trans-1,2-DCE ug/L	VC ug/L
	RWQCB ESL	**100**	**1**	**40**	**30**	**20**	**5**	**0.5**	**6**	**10**	**0.5**
	DHS MCL	**-**	**1**	**150**	**300**	**1750**	**5**	**0.5**	**6**	**10**	**0.5**
MW-7	9/14/2006	<50	< 0.5	< 0.5	< 0.5	<0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
	1/11/2007	<50	< 0.5	< 0.5	< 0.5	<0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
MW-8	6/15/2000	**5,400**	**150**	<5	**8.9**	**8.7**	**210**	<13	**1,100**	**73**	**25**
	9/22/2000	**1,800**	**340**	<2.5	<2.5	<2.5	NA	NA	NA	NA	NA
	12/19/2000	**2,700**	**410**	<2.5	**4.8**	<2.5	**130**	**9.1**	**1,000**	**67**	**48**
	3/21/2001	**3,500**	**530**	<2.5	**21**	<2.5	**32**	<3.6	**760**	**39**	**58**
	6/21/2001	**2,400**	**490**	<2.5	**29**	<2.5	**28**	**4.9**	**910**	**48**	**75**
	9/25/2001	**1,500**	**170**	**4.3**	**1.6**	**2.7**	**36**	**5.0**	**820**	**59**	**53**
	12/3/2001	**1,200**	**190**	**14**	**2.7**	**11.3**	**100**	<2.5	**650**	**44**	**31**
	3/25/2002	**990**	**280**	**7.2**	**1.4**	**6.8**	**10**	**3.6**	**790**	**33**	**49**
	6/28/2002	**2,200**	**410**	<1.0	**40**	<1.0	**18**	**4.9**	**900**	**54**	**80**
	9/11/2002	**2,000**	**390**	**1.6**	**39**	<1.0	**17**	<3.6	**1,000**	**60**	**91**
	12/16/2002	**95**	**26**	<0.5	**1**	<0.5	**17**	**2.2**	**330**	**36**	**4.7**
	3/28/2003	**1,500**	**400**	<0.5	**50**	**0.62**	**3.5**	<2.5	**700**	**39**	**41**
	6/24/2003	**3,300**	**520**	<0.5	**58**	**0.63**	**6.4**	**3.7**	**1,000**	**49**	**61**
	9/26/2003	**1,300**	**280**	**3.9**	**38**	**0.85**	**20**	<3.6	**890**	**49**	**47**
	12/16/2003	**1,100**	**310**	<2.5	**14**	<2.5	**12**	**4.3**	**1,200**	**53**	**110**
	4/6/2004	**3,800**	**420**	<0.5	**53**	**1.2**	**4.4**	**3.7**	**1,100**	**39**	**58**
	6/23/2004	**4,600**	**570**	**2.9**	**100**	**1.5**	<8.3	<8.3	**1,300**	**50**	**80**
	9/15/2004	**4,900**	**710**	<1.0	**100**	<1.0	<7.1	<7.1	**1,200**	**49**	**100**
	12/16/2004	**3,800**	**450**	<0.5	**75**	**6.5**	<8.3	<8.3	**1,500**	**60**	**86**
	3/22/2005	**1,700**	**120**	<1.0	**9.8**	<1.0	<3.6	<3.6	**620**	**27**	**38**
	6/24/2005	**1,400**	**100**	<1.0	**37**	<1.0	<5.0	<5.0	**770**	**29**	**51**
	9/13/2005	**2,700**	**250**	<1.0	**110**	<1.0	<7.1	<7.1	**1,000**	**35**	**60**
	12/2/2005	**1,500**	**160**	<1.0	**33**	<1.0	**13**	<5.0	**930**	**46**	**80**
	3/2/2006	**2,000 L**	**210**	<0.5	**36**	<0.5	<6.3	<6.3	**890**	**34**	**50**
	6/15/2006	**1,400**	**78**	<0.5	**21**	<0.5	**6.9**	<5.0	**700**	**28**	**41**

TABLE 2

HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FORMER LEMOINE SAUSAGE FACTORY
630 29TH AVENUE
OAKLAND, CALIFORNIA

Sample Location	Date Sampled	TPH-g ug/L	Benzene ug/L	Toluene ug/L	Ethylbenzene ug/L	Total Xylenes ug/L	TCE ug/L	1,2-DCA ug/L	cis-1,2-DCE ug/L	trans-1,2-DCE ug/L	VC ug/L
	RWQCB ESL	**100**	**1**	**40**	**30**	**20**	**5**	**0.5**	**6**	**10**	**0.5**
	DHS MCL	**-**	**1**	**150**	**300**	**1750**	**5**	**0.5**	**6**	**10**	**0.5**
MW-8	9/14/2006	**1,600**	**120**	<0.5	**42**	<0.5	**7.6**	<6.3	**800**	**37**	**43**
	1/11/2007	**1,100 Y**	**130**	<0.5	**49**	**1.1 C**	<6.3	<6.3	**820**	**32**	**58**
MW-9	12/3/2001	**90,000**	**15,000**	**15,000**	**2,200**	**9,100**	<10	<10	<10	<10	<10
	3/25/2002	**71,000**	**15,000**	**17,000**	**1,900**	**8,000**	<31	<31	<31	<31	<31
	6/28/2002	**60,000**	**5,800**	**7,400**	**1,100**	**5,400**	<13	<13	<13	<13	<13
	9/11/2002	**57,000**	**8,300**	**6,100**	**340**	**4,700**	<10	**18**	<10	<10	<10
	12/16/2002	**29,000**	**5,500**	**3,900**	**300**	**1,860**	<5	**8.9**	<5	<5	<5
	3/28/2003	**61,000**	**13,000**	**8,600**	**860**	**4,800**	<20	<20	<20	<20	<20
	6/24/2003	**45,000**	**15,000**	**9,600**	**1,100**	**5,200**	<5	**10**	<5	<5	<5
	9/26/2003	**34,000**	**12,000**	**5,600**	**880**	**4,700**	<17	<17	<17	<17	<17
	12/16/2003	**34,000**	**14,000**	**4,900**	**940**	**4,700**	<42	<42	<42	<42	<42
	4/6/2004	**60,000**	**14,000**	**3,100**	**1,300**	**5,500**	<17	<17	<17	<17	<17
	6/23/2004	**53,000**	**12,000**	**2,600**	**1,100**	**4,800**	<20	<20	<20	<20	<20
	9/15/2004	**76,000**	**17,000**	**2,200**	**1,500**	**6,600**	<20	<20	<20	<20	<20
	12/16/2004	**63,000**	**15,000**	**1,700**	**1,300**	**5,900**	<20	<20	<20	<20	<20
	3/22/2005	**66,000**	**13,000**	**2,000**	**1,200**	**5,800**	<17	<17	<17	<17	<17
	6/24/2005	**54,000**	**16,000**	**780**	**1,300**	**5,200**	<20	<20	<20	<20	<20
	9/13/2005	**48,000**	**11,000**	**4,800**	**470**	**4,110**	<17	<17	<17	<17	<17
	12/2/2005	**39,000**	**12,000**	**3,800**	**650**	**3,470 C**	<20	<20	<20	<20	<20
	3/2/2006	**51,000**	**12,000**	**3,500**	**750**	**4,170**	<20	<20	<20	<20	<20
	6/15/2006	**67,000**	**16,000**	**5,000**	**1,900**	**5,790**	<36	<36	<36	<36	<36
	9/14/2006	**49,000**	**13,000**	**620**	**1,000**	**3,680**	<13	<13	<13	<13	<13
	1/11/2007	**45,000**	**13,000**	**460**	**1,100**	**3,050**	<17	<17	<17	<17	<17
MW-10	12/3/2001	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/25/2002	**51**	**2.5**	**3.6**	**0.53**	**2.27**	<0.5	<0.5	<0.5	<0.5	<0.5
	6/28/2002	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	9/11/2002	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/16/2002	<50	<0.5	0.65	**3.0**	**7.53**	**0.8**	<0.5	<0.5	<0.5	<0.5
	3/28/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	6/24/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	9/26/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

TABLE 2

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FORMER LEMOINE SAUSAGE FACTORY
630 29TH AVENUE
OAKLAND, CALIFORNIA

Sample Location	Date Sampled	TPH-g ug/L	Benzene ug/L	Toluene ug/L	Ethylbenzene ug/L	Total Xylenes ug/L	TCE ug/L	1,2-DCA ug/L	cis-1,2-DCE ug/L	trans-1,2-DCE ug/L	VC ug/L
	RWQCB ESL	**100**	**1**	**40**	**30**	**20**	**5**	**0.5**	**6**	**10**	**0.5**
	DHS MCL	**-**	**1**	**150**	**300**	**1750**	**5**	**0.5**	**6**	**10**	**0.5**
MW-10	12/16/2003	<50	<0.5	<0.5	<0.5	<0.5	**0.6**	<0.5	<0.5	<0.5	<0.5
	4/6/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	6/23/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	9/15/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/16/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/22/2005	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	6/24/2005	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	9/12/2005	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/2/2005	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/2/2006	<50	**0.74**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	6/15/2006	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	9/14/2006	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	1/11/2007	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-11	12/3/2001	**1,600**	**470**	<0.5	**3.7**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/25/2002	**130**	**11**	**20**	**3.3**	**14.5**	<0.5	<0.5	<0.5	<0.5	<0.5
	6/28/2002	<50	**7.7**	<0.5	**<0.5**	<0.5	**0.6**	<0.5	<0.5	<0.5	<0.5
	9/11/2002	**120**	**66**	<0.5	**0.74**	<0.5	<0.5	<0.5	**0.6**	<0.5	<0.5
	12/16/2002	**160**	**42**	**0.89**	**4.8**	**11.1**	**3.6**	<0.5	**1.1**	<0.5	<0.5
	3/28/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	6/24/2003	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	9/26/2003	<50	**1.2**	**0.69**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/16/2003	**91**	**4.7**	<0.5	<0.5	**0.51**	**2.9**	<0.5	**0.9**	**0.6**	<0.5
	4/6/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	6/23/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	9/15/2004	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/16/2004	<50	**1.3**	<0.5	<0.5	**0.59**	<0.5	<0.5	<0.5	<0.5	<0.5
	3/22/2005	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	6/24/2005	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	9/13/2005	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/2/2005	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

TABLE 2

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FORMER LEMOINE SAUSAGE FACTORY
630 29TH AVENUE
OAKLAND, CALIFORNIA

Sample Location	Date Sampled	TPH-g ug/L	Benzene ug/L	Toluene ug/L	Ethylbenzene ug/L	Total Xylenes ug/L	TCE ug/L	1,2-DCA ug/L	cis-1,2-DCE ug/L	trans-1,2-DCE ug/L	VC ug/L
	RWQCB ESL	**100**	**1**	**40**	**30**	**20**	**5**	**0.5**	**6**	**10**	**0.5**
	DHS MCL	**-**	**1**	**150**	**300**	**1750**	**5**	**0.5**	**6**	**10**	**0.5**
MW-11	3/2/2006	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	6/15/2006	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	9/14/2006	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	1/11/2007	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-12	6/28/2002	**71**	<0.5	<0.5	<0.5	<0.5	**170**	<0.5	**42**	**47**	**0.9**
	9/11/2002	**89**	<0.5	<0.5	<0.5	<0.5	**180**	<0.5	**46**	**51**	**0.9**
	12/16/2002	**130**	<0.5	**0.9**	**4.2**	**9.9**	**200**	<0.5	**57**	**60**	**0.9**
	3/28/2003	**110**	<0.5	<0.5	<0.5	<0.5	**190**	<0.7	**53**	**53**	**0.9**
	6/24/2003	**140**	<0.5	<0.5	<0.5	<0.5	**220**	<1.0	**58**	**66**	<1.0
	9/26/2003	**230**	**2.9**	**1.1**	**3.8**	**6.71**	**210**	<0.7	**60**	**63**	<0.7
	12/16/2003	**120**	<0.5	<0.5	<0.5	**0.65**	**140**	<0.5	**44**	**44**	<0.5
	4/6/2004	**76**	<0.5	<0.5	<0.5	<0.5	**160**	<0.5	**49**	**54**	<0.5
	6/23/2004	**99**	<0.5	<0.5	<0.5	<0.5	**200**	<0.5	**65**	**74**	<0.5
	9/15/2004	**130**	<0.5	<0.5	<0.5	<0.5	**290**	<1.7	**73**	**83**	<1.7
	12/16/2004	**110**	**0.94**	<0.5	<0.5	<0.5	**240**	<2.0	**80**	**77**	<2.0
	3/22/2005	**61**	<0.5	<0.5	<0.5	<0.5	**95**	<0.5	**26**	**42**	<0.5
	6/24/2005	**59**	<0.5	<0.5	<0.5	<0.5	**120**	<1.0	**31**	**39**	<1.0
	9/12/2005	**64**	<0.5	<0.5	<0.5	<0.5	**130**	<0.7	**34**	**42**	<0.7
	12/2/2005	**80 Y,Z**	<0.5	<0.5	<0.5	<0.5	**170**	<1.0	**43**	**49**	<1.0
	3/2/2006	**54 Y Z**	<0.5	<0.5	<0.5	<0.5	**84**	<0.8	**27**	**31**	<0.8
	6/15/2006	**58 Y,Z**	<0.5	<0.5	<0.5	<0.5	**99**	<0.5	**30**	**38**	<0.5
	9/14/2006	**81 Y Z**	<0.5	<0.5	<0.5	<0.5	**110**	<1.0	**41**	**47**	<1.0
	1/11/2007	**76 Y Z**	<0.5	<0.5	<0.5	<0.5	**140**	<1.0	**47**	**53**	<1.0

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630 29TH AVENUE
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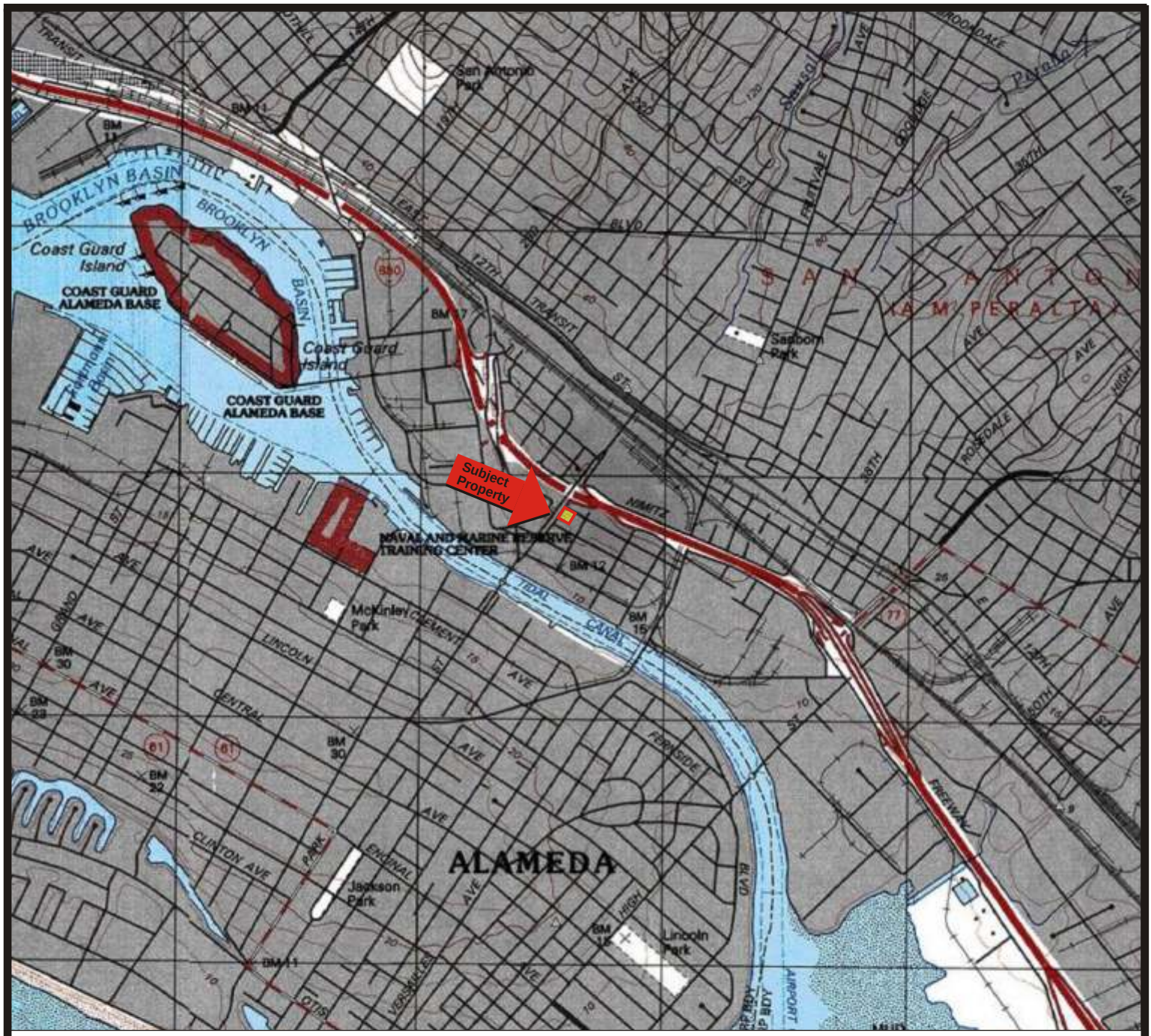
Sample Location	Date Sampled	TPH-g ug/L	Benzene ug/L	Toluene ug/L	Ethylbenzene ug/L	Total Xylenes ug/L	TCE ug/L	1,2-DCA ug/L	cis-1,2-DCE ug/L	trans-1,2-DCE ug/L	VC ug/L
	RWQCB ESL	**100**	**1**	**40**	**30**	**20**	**5**	**0.5**	**6**	**10**	**0.5**
	DHS MCL	**-**	**1**	**150**	**300**	**1750**	**5**	**0.5**	**6**	**10**	**0.5**
MW-13	6/28/2002	**5,600**	**120**	**55**	**130**	**9.5**	**61**	<0.5	**430**	**14**	**4.4**
	9/11/2002	**4,500**	**58**	**7.5**	**150**	**14**	**63**	<0.5	**410**	**13**	<1.3
	12/16/2002	**4,800**	**90**	<0.5	**85**	**24**	**76**	<0.5	**250**	**9.4**	**1.8**
	3/28/2003	**4,400**	**55**	<0.5	**51**	**14.3**	**85**	<0.5	**150**	**13**	**1.8**
	6/24/2003	**8,300**	**100**	<0.5	**94**	**12**	**68**	<1.0	**250**	**19**	**4.2**
	9/26/2003	**7,200**	**150**	<1.0	**89**	**57**	**51**	<1.0	**270**	**23**	**5.1**
	12/16/2003	**8,100**	**120**	**36**	**72**	**26.6**	**66**	<0.7	**240**	**23**	**10**
	4/6/2004	**3,300**	**22**	<1.0	**37**	**9.0**	**90**	<0.5	**190**	**23**	**8**
	6/23/2004	**7,000**	**140**	**25**	**88**	**21**	**53**	<2.0	**350**	**31**	**25**
	9/15/2004	**6,700**	**84**	<1.0	**78**	**7.2**	**37**	<1.7	**300**	**40**	**31**
	12/16/2004	**4,300**	**61**	<0.5	**44**	**11.5**	**69**	<2.0	**240**	**32**	**15**
	3/22/2005	**3,000**	**24**	<0.5	**20**	**7.6**	**72**	<0.5	**120**	**23**	**6.6**
	6/24/2005	**2,600**	**63**	<0.5	**25**	**4.3**	**42**	<1.0	**150**	**36**	**16**
	9/12/2005	**2,500**	**20 C**	<0.5	**33**	**6.7 c**	**25**	<1.3	**170**	**38**	**22**
	12/2/2005	**4,200 Y**	**70 C**	<0.5	**21 C**	**15.5 C**	**17**	<1.3	**140**	**40**	**24**
	3/2/2006	**3,200 L Y**	**67 C**	<0.5	**27**	**5.19 C**	**43**	<0.8	**110**	**32**	**16**
	6/15/2006	**3,400**	**92 C**	<0.5	**26**	**3.4 C**	**43**	<0.8	**120**	**39**	**18**
	9/14/2006	**2,000**	<0.5	<0.5	**64 C**	**38 C**	**15**	<0.8	**93**	**45**	**17**
	1/11/2007	**25,000 Y**	**44**	<5.0	**160**	**69 C**	**24**	<0.8	**87**	**45**	**11**

Notes:

1. All results are reported in micrograms per liter (µg/L).
2. NA refers to Not Analyzed.
3. NS refers to Not Sampled.
4. TPH-g refers to Total Petroleum Hydrocarbons as Gasoline.
5. MTBE refers to Methyl tert-butyl ether.
6. TCE refers to Trichloroethene.
7. trans-1,2-DCE refers to trans-1,2-dichlororethene.
8. cis-1,2-DCE refers to cis-1,2-Dichlororethene.
9. VC refers to Vinyl Chloride.
10. 1,2-DCA refers to 1,2-dichloroethane.
11. Y=Sample exhibits chromatographic pattern which does not resemble standard.
12. Z=Sample exhibits unknown single peak or peaks.
13. C=Presence confirmed, but RPD between columns exceed 40%.
14. L=Lighter hydrocarbons contributed to the quantitation.
15. RWQCB ESL refers to the California Regional Water Quality Control Board Environmental Screening Level for shallow soils less than 10 feet deep assuming groundwater is a current or potential source of drinking water, as presented in Table A of the RWQCB ESLs (2005).
16. DHS MCL refers to California Department of Health Services Maximum Contaminant Level.

FIGURES



Map Source: TOPO!© 2000 National Geographic Holdings

Note: Boundaries and Location Information is Approximate

1 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

Portion of the 7.5-Minute Series Oakland East, California
Quadrangle Topographic Map (Datum: NAD 27)
United States Department of the Interior
Geological Survey
1997

N

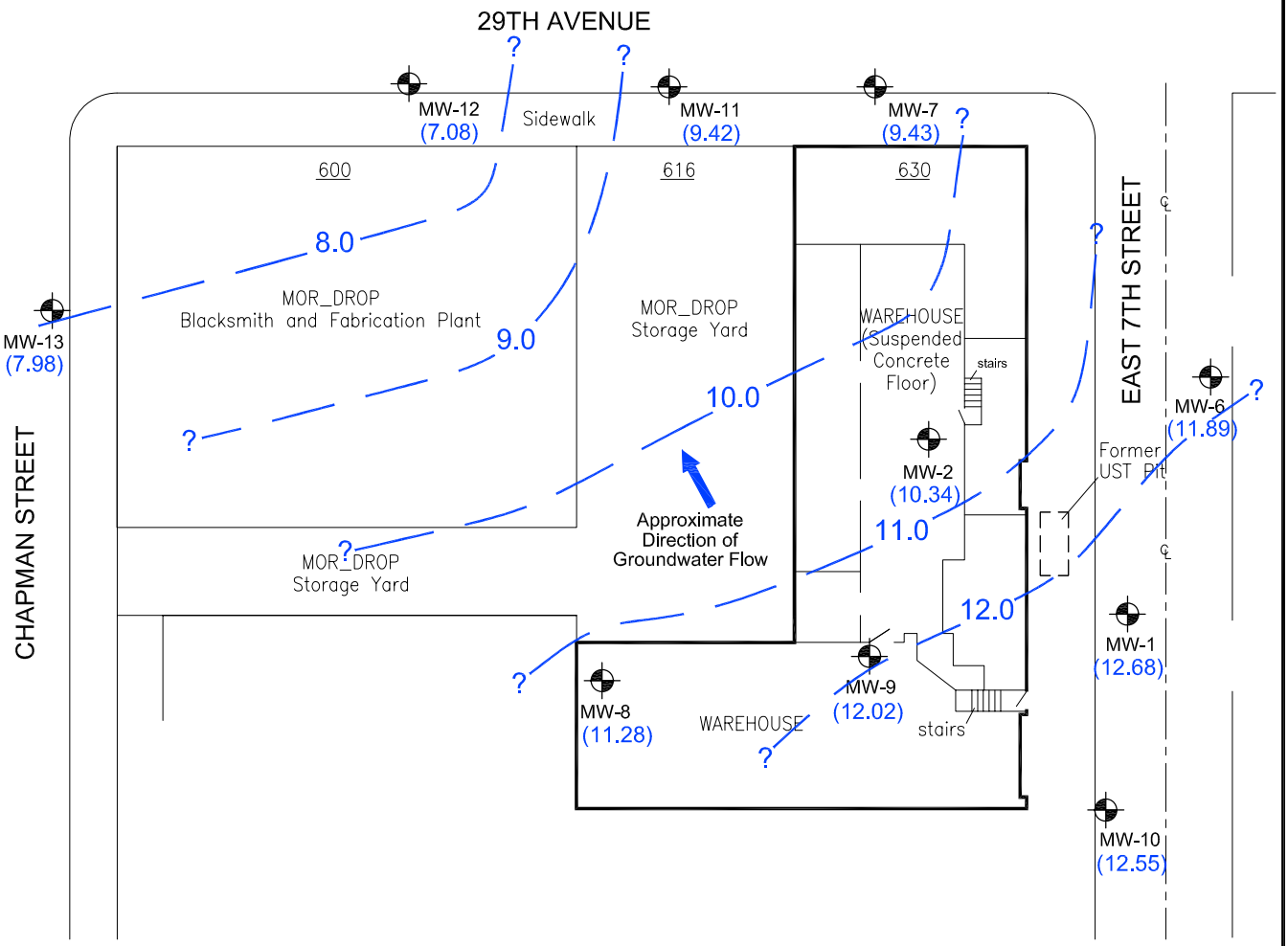
CALIF

QUADRANGLE LOCATION

PROPERTY LOCATION MAP
Former Lemoine Sausage Factory
630 29th Avenue
Oakland, California
Clayton Project No. 33104-004578.00

Figure
1

BUREAU VERITAS



LEGEND:

MW-1 — Existing Monitoring Well Location

(12.68) — Groundwater Elevation (ft msl), 01/11/07

10 — Groundwater Surface Elevation Contour (ft msl)

ft msl — Feet Above Mean Sea Level

0 40

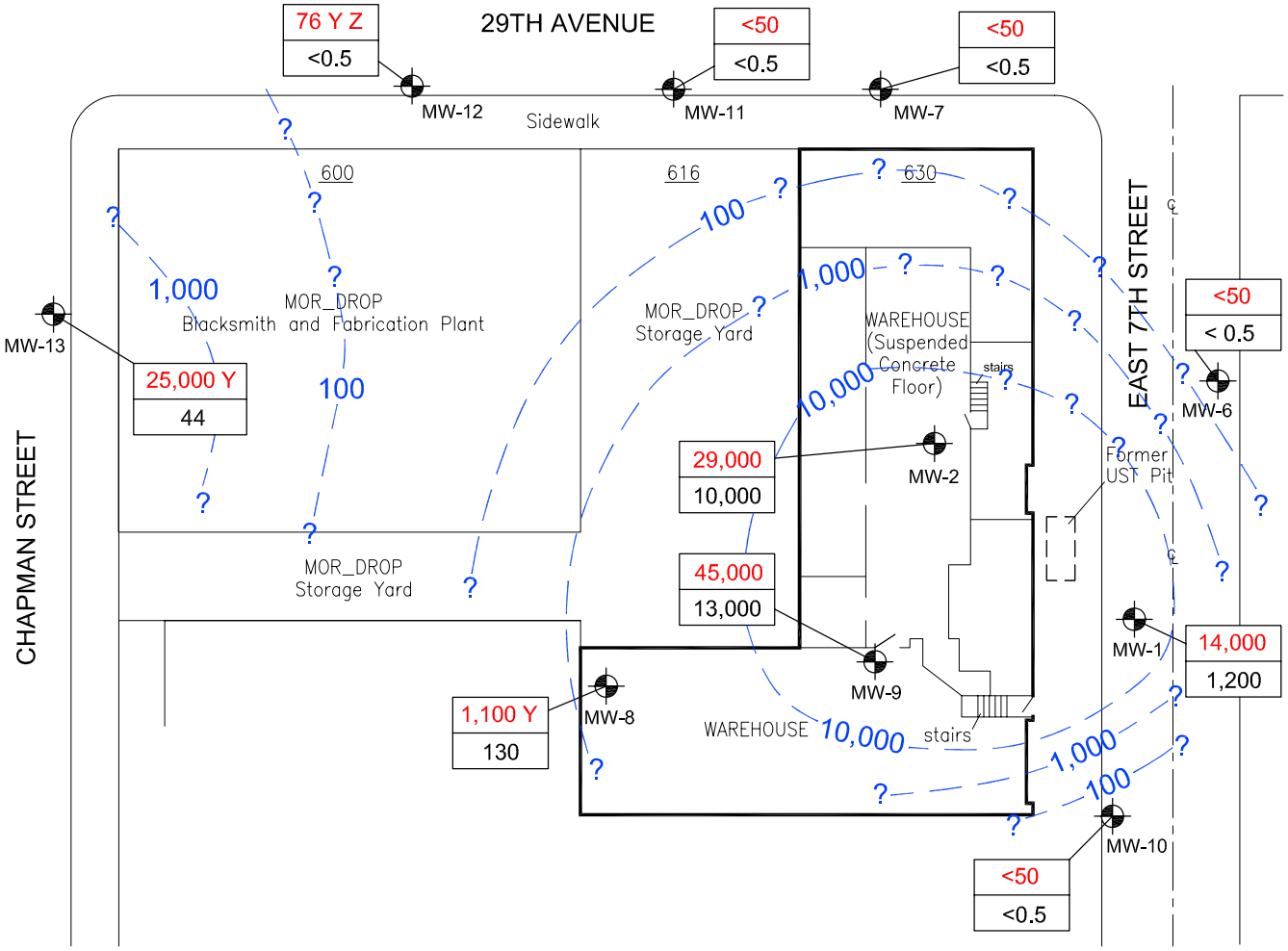
SCALE: feet

GROUNDWATER ELEVATION MAP, 1ST QUARTER 2007

FORMER LEMOINE SAUSAGE FACTORY
630 29TH AVENUE
OAKLAND, CALIFORNIA
Clayton Project No. 33104-004578.00

Figure
2
01/30/07
SITE0107.DWG

BUREAU VERITAS



LEGEND:

MW-1 — Existing Monitoring Well Location

45,000 — TPH-g Concentration (ug/L), 01/11/07

13,000 — Benzene Concentration (ug/L), 01/11/07

100 — TPH-g Isoconcentration Contour (ug/L)

TPH-g ug/L — Total Petroleum Hydrocarbons as Gasoline micrograms per liter

0 40

SCALE: feet

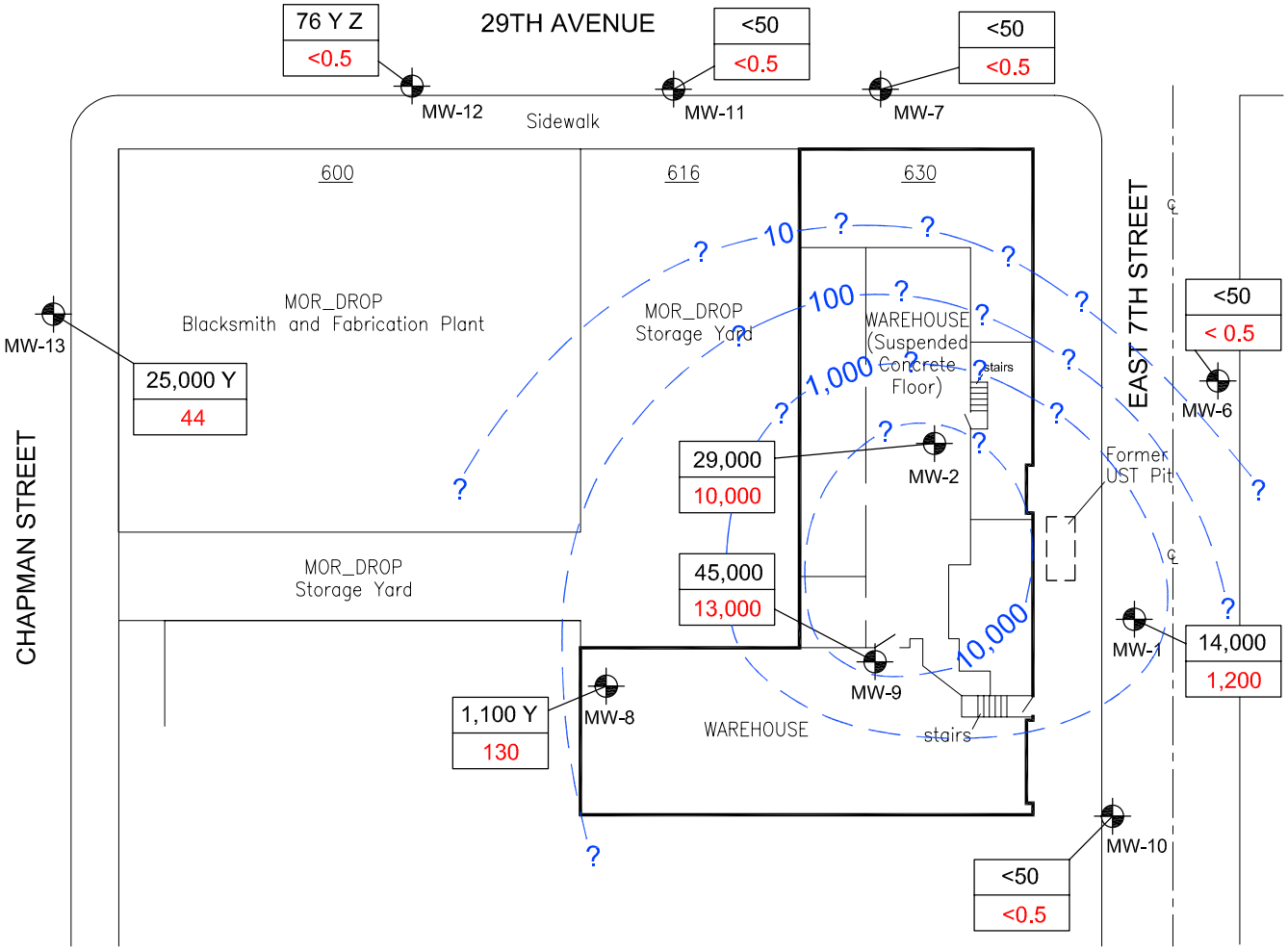
TPH-g CONCENTRATIONS IN GROUNDWATER, 1ST QUARTER 2007

FORMER LEMOINE SAUSAGE FACTORY
630 29TH AVENUE
OAKLAND, CALIFORNIA
Clayton Project No. 33104-004578.00

Figure 3

01/30/07
SITE0107.DWG

BUREAU VERITAS



LEGEND:

MW-1 — Existing Monitoring Well Location

45,000 — TPH-g Concentration (ug/L), 01/11/07

13,000 — Benzene Concentration (ug/L), 01/11/07

10 — Benzene Isoconcentration Contour (ug/L)

TPH-g — Total Petroleum Hydrocarbons as Gasoline

ug/L — micrograms per liter

0 40

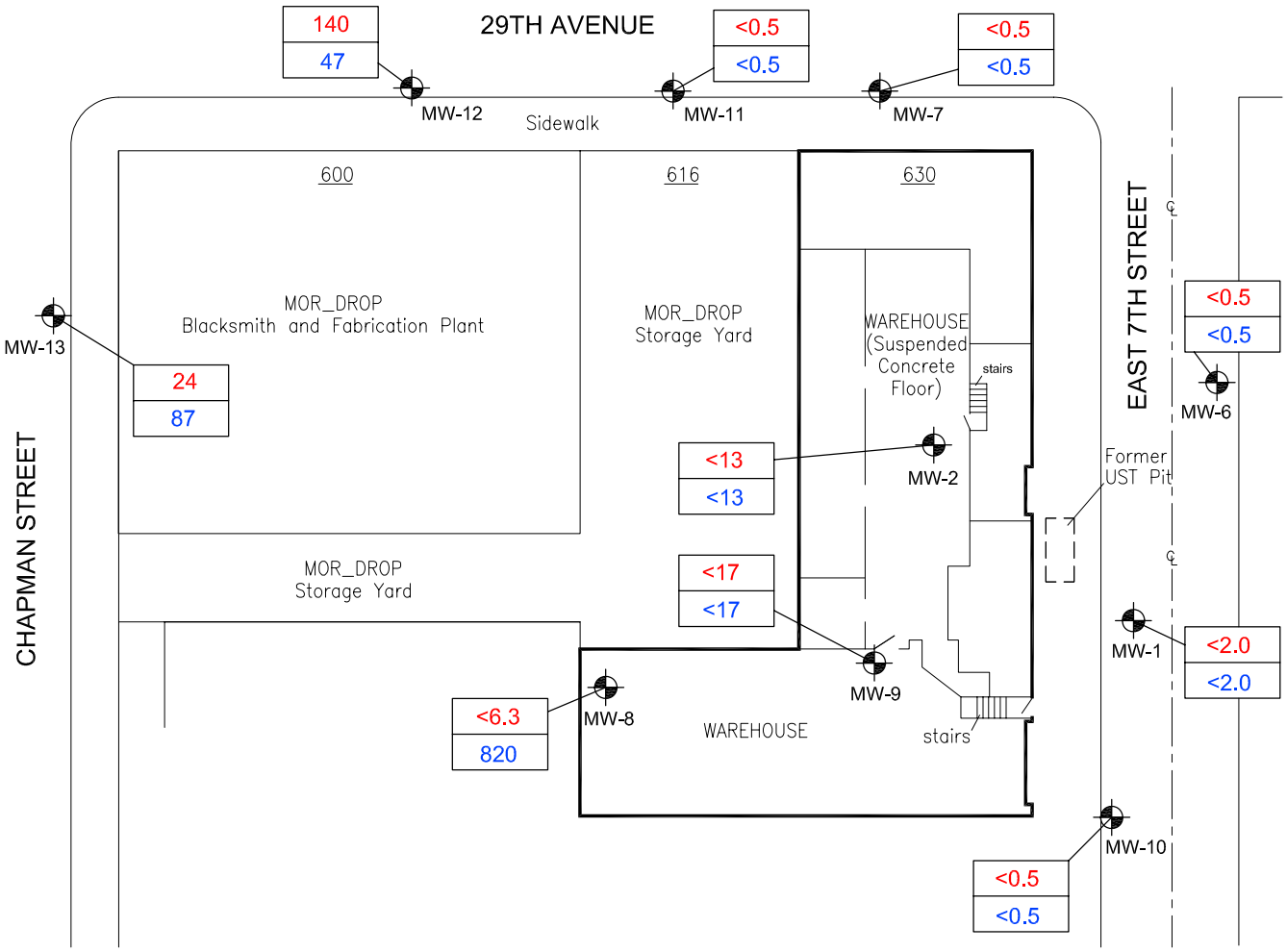
SCALE: feet

BENZENE CONCENTRATIONS IN GROUNDWATER, 1ST QUARTER 2007

FORMER LEMOINE SAUSAGE FACTORY
630 29TH AVENUE
OAKLAND, CALIFORNIA
Clayton Project No. 33104-004578.00

Figure
4
01/30/07
SITE0107.DWG

BUREAU VERITAS



LEGEND:

MW-1 — Existing Monitoring Well Location

7.6 — TCE Concentration (ug/L), 01/11/07

800 — cis 1,2-DCE Concentration (ug/L), 01/11/07

TCE	Trichloroethene
cis 1,2-DCE	cis 1,2-Dichloroethene
ug/L	micrograms per liter

0 40

SCALE: feet

TCE AND cis-1,2-DCE CONCENTRATIONS IN GROUNDWATER, 1ST QUARTER 2007

FORMER LEMOINE SAUSAGE FACTORY
630 29TH AVENUE
OAKLAND, CALIFORNIA

Clayton Project No. 33104-004578.00

Figure 5

01/30/07
SITE0107.DWG

BUREAU VERITAS

APPENDIX A

FIELD SAMPLING DATA SHEETS

BUREAU VERITAS

GROUNDWATER SAMPLING DATA SHEET

Project Name:	Former Lemoine Sausage Factory	Well ID Number:	MW-1
Project No.:	33104-004578.00	Sample ID Number:	MW-1
Project Location:	630 24th Ave, Oakland, CA	Date Gauged:	1/11/07
Field Technician:	Adnan	Date Purged:	1/11/07
Weather Conditions:	~40, sunny breezy	Date Sampled:	1/11/07
Top of Casing Elevation (ft, msl):	16.69	Casing Diameter (inches):	3/4
Depth to Water Elevation (ft, btoc):	4.01	Wellhead Condition:	good
Groundwater Elevation (ft, msl):	12.68	Presence of Wellhead Gases:	–
Depth to Well Bottom (ft, btoc):	8.44	Vapor Reading (ppm):	–
Water Column Height (ft):	4.43	Presence of SPH:	–
Calculated Purge Volume (gal):	0.4	Thickness of SPH (ft):	–
Actual Purge Volume (gal):	0.4	Comments:	–

Gallons Per Foot: 1"=0.04, 2"=0.17, 3"=0.37, 4"=0.66, 6"=1.5, other= r2 x 0.163

PURGING MEASUREMENTS

Time	Volume Removed (gal)	Specific Conductivity ~~(mmhos/cm)~~	Temp (°C)	Dissolved Oxygen (mg/L)	pH (units)	PPM ~~Turbidity (NTUs)~~	ORP (mV)	Odor
1240	~0.4	544	13.3		7.38	260		–
	WELL	DRIED	AFTER	1ST	PURGE	VOLUME		

Water Level Indicator Model & No.:		Purge Method:	Peri Pump
pH/Cond/Temp Meter Model:		Purge Equipment Used:	"
Turbidity Meter Model:		Purge Rate (gpm):	
Sample Collection Time:	1300	Chemical Laboratory:	C+T
Sample Collection Method:	Peri Pump	Chemical Analysis:	TPH-g, BTEX, VOCs
Sample Containers Used:	6 VOAs		

Other Field Observations: Spec Cond = µmhos/cm, Turbidity = TDS, ppm

BUREAU VERITAS

GROUNDWATER SAMPLING DATA SHEET

Project Name:	Former Lemoine Sausage Factory	Well ID Number:	MW-2
Project No.:	33104-004578.00	Sample ID Number:	MW-2
Project Location:	630 24th Ave, Oakland, CA	Date Gauged:	1/11/07
Field Technician:	Adrian	Date Purged:	1/11/07
Weather Conditions:	~40, sunny, breezy	Date Sampled:	1/11/07
Top of Casing Elevation (ft, msl):	20.79	Casing Diameter (inches):	3/4"
Depth to Water Elevation (ft, btoc):	10.45	Wellhead Condition:	good
Groundwater Elevation (ft, msl):	10.34	Presence of Wellhead Gases:	—
Depth to Well Bottom (ft, btoc):	20.55	Vapor Reading (ppm):	—
Water Column Height (ft):	10.10	Presence of SPH:	—
Calculated Purge Volume (gal):	~~0.7~~	Thickness of SPH (ft):	—
Actual Purge Volume (gal):	~~~~ ~2/3	Comments:	

Gallons Per Foot: 1"=0.04, 2"=0.17, 3"=0.37, 4"=0.66, 6"=1.5, other= r2 x 0.163

PURGING MEASUREMENTS

Time	Volume Removed (gal)	Specific Conductivity ~~(mmhos/cm)~~	Temp (°C)	Dissolved Oxygen (mg/L)	pH (units)	~~Turbidity (NTUs)~~ RM	ORP (mV)	Odor
12:10	0.5	3999	17.0		6.57	2000		—
	WELL DRIED							

Water Level Indicator Model & No.:		Purge Method:	Peri Pump
pH/Cond/Temp Meter Model:		Purge Equipment Used:	"
Turbidity Meter Model:		Purge Rate (gpm):	
Sample Collection Time:	1230	Chemical Laboratory:	C+T
Sample Collection Method:	Peri Pump	Chemical Analysis:	TPH-g, BTEX, VOCs
Sample Containers Used:	6 VOAs		

Other Field Observations: Spec Cond = µmhos, Turbidity = TDS, ppm

BUREAU VERITAS

GROUNDWATER SAMPLING DATA SHEET

Project Name:	Former Lemoine Sausage Factory	Well ID Number:	MW-6
Project No.:	33104-00 4578.00	Sample ID Number:	MW-6
Project Location:	630 14th Ave, Oakland, CA	Date Gauged:	1/11/07
Field Technician:	Adnan	Date Purged:	1/11/07
Weather Conditions:	~40, sunny, breezy	Date Sampled:	1/11/07
Top of Casing Elevation (ft, msl):	16.60	Casing Diameter (inches):	2
Depth to Water Elevation (ft, btoc):	4.71	Wellhead Condition:	good
Groundwater Elevation (ft, msl):	11.89	Presence of Wellhead Gases:	-
Depth to Well Bottom (ft, btoc):	20.13	Vapor Reading (ppm):	-
Water Column Height (ft):	15.42	Presence of SPH:	-
Calculated Purge Volume (gal):	2.6	Thickness of SPH (ft):	-
Actual Purge Volume (gal):	10.4	Comments:	-

Gallons Per Foot: 1"=0.04, 2"=0.17, 3"=0.37, 4"=0.66, 6"=1.5, other= r2 x 0.163

PURGING MEASUREMENTS

Time	Volume Removed (gal)	Specific Conductivity (~~umhos/cm~~)	Temp (°C)	Dissolved Oxygen (mg/L)	pH (units)	Turbidity (ppm ~~NTUs~~)	ORP (mV)	Odor
1355	2.6	869	16.6		7.06	414		-
1405	2.6	906	18.2		7.07	434		-
1420	2.6	908	18.1		7.10	444		-
1430	2.6	900	18.1		7.11	447		-

Water Level Indicator Model & No.:		Purge Method:	bailer
pH/Cond/Temp Meter Model:		Purge Equipment Used:	bailer
Turbidity Meter Model:		Purge Rate (gpm):	
Sample Collection Time:	1440	Chemical Laboratory:	C+T
Sample Collection Method:	bailer	Chemical Analysis:	TPH-g, BTEX, VOCs
Sample Containers Used:	6 VOAs		

Other Field Observations: Spec Cond = µmhos/cm, Turbidity = TDS ppm

BUREAU VERITAS

GROUNDWATER SAMPLING DATA SHEET

Project Name:	Former Lemoine Sausage Factory	Well ID Number:	MW-7
Project No.:	33104-004578.00	Sample ID Number:	MW-7
Project Location:	630 24th Ave, Oakland, CA	Date Gauged:	1/11/07
Field Technician:	Adnan	Date Purged:	1/11/07
Weather Conditions:	~50, sunny breezy	Date Sampled:	1/11/07
Top of Casing Elevation (ft, msl):	15.47	Casing Diameter (inches):	2"
Depth to Water Elevation (ft, btoc):	6.04	Wellhead Condition:	good
Groundwater Elevation (ft, msl):	9.43	Presence of Wellhead Gases:	-
Depth to Well Bottom (ft, btoc):	19.95	Vapor Reading (ppm):	-
Water Column Height (ft):	13.91	Presence of SPH:	-
Calculated Purge Volume (gal):	2.3	Thickness of SPH (ft):	-
Actual Purge Volume (gal):	9.2	Comments:	

Gallons Per Foot: 1"=0.04, 2"=0.17, 3"=0.37, 4"=0.66, 6"=1.5, other= r2 x 0.163

PURGING MEASUREMENTS

Time	Volume Removed (gal)	Specific Conductivity ~~(umhos/cm)~~	Temp (°C)	Dissolved Oxygen (mg/L)	pH (units)	Turbidity ppm (NTUs)	ORP (mV)	Odor
1735	2.3	993	16.6		7.50	470		-
1745	2.3	1001	17.3		7.42	481		-
1755	2.3	1010	18.4		7.37	496		-
1805	2.3	1007	18.2		7.40	499		-

Water Level Indicator Model & No.:		Purge Method:	bailer
pH/Cond/Temp Meter Model:		Purge Equipment Used:	"
Turbidity Meter Model:		Purge Rate (gpm):	
Sample Collection Time:	1815	Chemical Laboratory:	C+T
Sample Collection Method:	bailer	Chemical Analysis:	TPH-g, BTEX, VOCs
Sample Containers Used:	6 VOAs		

Other Field Observations: Spec Cond = µmhos/cm, Turbidity = TDS, ppm

BUREAU VERITAS

GROUNDWATER SAMPLING DATA SHEET

Project Name:	Former Lemoine Sausage Factory	Well ID Number:	MW-8
Project No.:	33104-00 4578.00	Sample ID Number:	MW-8
Project Location:	630 24th Ave, Oakland, CA	Date Gauged:	1/11/07
Field Technician:	Adnan	Date Purged:	1/11/07
Weather Conditions:	~40°, Sunny, breezy	Date Sampled:	1/11/07
Top of Casing Elevation (ft, msl):	17.58	Casing Diameter (inches):	2"
Depth to Water Elevation (ft, btoc):	~~6.04~~ 6.30	Wellhead Condition:	good
Groundwater Elevation (ft, msl):	~~11.54~~ 11.28	Presence of Wellhead Gases:	-
Depth to Well Bottom (ft, btoc):	20.0	Vapor Reading (ppm):	-
Water Column Height (ft):	13.7	Presence of SPH:	-
Calculated Purge Volume (gal):	2.3	Thickness of SPH (ft):	-
Actual Purge Volume (gal):	~~9.2~~ 9.2	Comments:	

Gallons Per Foot: 1"=0.04, 2"=0.17, 3"=0.37, 4"=0.66, 6"=1.5, other= r2 x 0.163

PURGING MEASUREMENTS

Time	Volume Removed (gal)	Specific Conductivity (~~umhos/cm~~)	Temp (°C)	Dissolved Oxygen (mg/L)	pH (units)	ppm Turbidity (~~NTUs~~)	ORP (mV)	Odor
1045	2.3	980	15.8		7.19	440		-
1050	2.3	1009	16.4		7.12	484		-
1055	2.3	986	16.5		7.06	471		-
1100	2.3	998	16.5		7.05	478		-

Water Level Indicator Model & No.:		Purge Method:	bailer
pH/Cond/Temp Meter Model:		Purge Equipment Used:	"
Turbidity Meter Model:		Purge Rate (gpm):	
Sample Collection Time:	1110	Chemical Laboratory:	C+T
Sample Collection Method:	bailer	Chemical Analysis:	TPH-g, BTEX, VOCs
Sample Containers Used:	6 VOAs		

Other Field Observations: ~~Spec~~ Cond = ~~umhos~~/cm, Turbidity = ~~NTU~~s, ppm TDS, ppm

BUREAU VERITAS

GROUNDWATER SAMPLING DATA SHEET

Project Name:	Former Lemoine Sewage Facility	Well ID Number:	MW-9
Project No.:	33104-004578.00	Sample ID Number:	MW-9
Project Location:	630 24th ~~Ave~~, Oakland, CA	Date Gauged:	1/11/07
Field Technician:	Adnan	Date Purged:	1/11/07
Weather Conditions:	~45, sunny, breezy	Date Sampled:	1/11/07
Top of Casing Elevation (ft, msl):	17.61	Casing Diameter (inches):	2"
Depth to Water Elevation (ft, btoc):	5.59	Wellhead Condition:	good
Groundwater Elevation (ft, msl):	12.02	Presence of Wellhead Gases:	-
Depth to Well Bottom (ft, btoc):	14.90	Vapor Reading (ppm):	-
Water Column Height (ft):	9.31	Presence of SPH:	-
Calculated Purge Volume (gal):	1.5	Thickness of SPH (ft):	-
Actual Purge Volume (gal):		Comments:	

Gallons Per Foot: 1"=0.04, 2"=0.17, 3"=0.37, 4"=0.66, 6"=1.5, other= r2 x 0.163

PURGING MEASUREMENTS

Time	Volume Removed (gal)	Specific Conductivity (~~mmhos/cm~~)	Temp (°C)	Dissolved Oxygen (mg/L)	pH (units)	Turbidity (~~NTUs~~) (ppm)	ORP (mV)	Odor
1130	1.5	3999			7.01	2000		-
1133	1.5	3999			6.75	2000		-
1140	1.5	3999			6.71	2000		-
1150	1.5	3999			6.71	2000		-

Water Level Indicator Model & No.:		Purge Method:	bailer
pH/Cond/Temp Meter Model:		Purge Equipment Used:	"
Turbidity Meter Model:		Purge Rate (gpm):	
Sample Collection Time:	1155	Chemical Laboratory:	C+T
Sample Collection Method:	bailer	Chemical Analysis:	TPH-g, BTEX, VOCs
Sample Containers Used:	6 VOAs		
Other Field Observations:	Spec Cond. = ~~mmhos/cm~~, Turbidity = TDS, ppm		

BUREAU VERITAS

GROUNDWATER SAMPLING DATA SHEET

Project Name:	Former Lemoine Sausage Factory	Well ID Number:	MW-10
Project No.:	33104-004578.00	Sample ID Number:	MW-10
Project Location:	630 24th Ave, Oakland, CA	Date Gauged:	1/11/07
Field Technician:	Adnan	Date Purged:	1/11/07
Weather Conditions:		Date Sampled:	1/11/07
Top of Casing Elevation (ft, msl):	16.92	Casing Diameter (inches):	2
Depth to Water Elevation (ft, btoc):	4.37	Wellhead Condition:	good
Groundwater Elevation (ft, msl):	12.55	Presence of Wellhead Gases:	-
Depth to Well Bottom (ft, btoc):	8.70	Vapor Reading (ppm):	-
Water Column Height (ft):	4.33	Presence of SPH:	-
Calculated Purge Volume (gal):	0.7	Thickness of SPH (ft):	-
Actual Purge Volume (gal):	2.8	Comments:	

Gallons Per Foot: 1"=0.04, 2"=0.17, 3"=0.37, 4"=0.66, 6"=1.5, other= r2 x 0.163

PURGING MEASUREMENTS

Time	Volume Removed (gal)	Specific Conductivity (~~mmhos/cm~~)	Temp (°C)	Dissolved Oxygen (mg/L)	pH (units)	~~Turbidity~~ (NTUs)	ORP (mV)	Odor
1315	0.7	460	14.6			220		-
1320	0.7	480	14.9			230		-
1325	0.7	478	15.0			229		-
1330	0.7	480	15.0			230		-

Water Level Indicator Model & No.:		Purge Method:	bailer
pH/Cond/Temp Meter Model:		Purge Equipment Used:	bailer
Turbidity Meter Model:		Purge Rate (gpm):	
Sample Collection Time:	1335	Chemical Laboratory:	C+T
Sample Collection Method:	bailer	Chemical Analysis:	TPH-g, BTEX, VOCs
Sample Containers Used:	6 VOAs		
Other Field Observations:	Spec Cond = µmhos/cm, Turbidity = TDS, Rain		

BUREAU VERITAS

GROUNDWATER SAMPLING DATA SHEET

Project Name:	Former Lemoine Sewage Facility	Well ID Number:	MW-11
Project No.:	33104-004578.00	Sample ID Number:	MW-11
Project Location:	630 29th Ave, Oakland, CA	Date Gauged:	1/11/07
Field Technician:	Adnan	Date Purged:	1/11/07
Weather Conditions:	~50, sunny, breezy	Date Sampled:	1/11/07
Top of Casing Elevation (ft, msl):	14.87	Casing Diameter (inches):	2
Depth to Water Elevation (ft, btoc):	5.45	Wellhead Condition:	good
Groundwater Elevation (ft, msl):	9.42	Presence of Wellhead Gases:	
Depth to Well Bottom (ft, btoc):	15.11	Vapor Reading (ppm):	
Water Column Height (ft):	9.66	Presence of SPH:	
Calculated Purge Volume (gal):	1.6	Thickness of SPH (ft):	
Actual Purge Volume (gal):	4.8	Comments:	

Gallons Per Foot: 1"=0.04, 2"=0.17, 3"=0.37, 4"=0.66, 6"=1.5, other= r2 x 0.163

PURGING MEASUREMENTS

Time	Volume Removed (gal)	Specific Conductivity ~~(mmhos/cm)~~	Temp (°C)	Dissolved Oxygen (mg/L)	pH (units)	~~Turbidity (NTUs)~~ (PPM)	ORP (mV)	Odor
1645	1.6	1373	16.5		7.44	656		gasoline - slight
1655	1.6	1356	16.5		7.39	649		↓
1705	1.6	1362	16.5		7.30	648		↓

Water Level Indicator Model & No.:		Purge Method:	bailer
pH/Cond/Temp Meter Model:		Purge Equipment Used:	"
Turbidity Meter Model:		Purge Rate (gpm):	
Sample Collection Time:	1715	Chemical Laboratory:	C+T
Sample Collection Method:	bailer	Chemical Analysis:	TPH-g, BTEX, VOCs
Sample Containers Used:	6 VOAs		
Other Field Observations:	Spec Cond = µmhos/cm, Turbidity = TDS, ppm		

BUREAU VERITAS

GROUNDWATER SAMPLING DATA SHEET

Project Name:	Former Lemoine Sausage Factory	Well ID Number:	MW-12
Project No.:	33104-004578.00	Sample ID Number:	MW-12
Project Location:	630 24th Ave, Oakland, CA	Date Gauged:	1/11/07
Field Technician:	Adnan	Date Purged:	1/11/07
Weather Conditions:	~50, sunny, breezy	Date Sampled:	1/11/07
Top of Casing Elevation (ft, msl):	14.05	Casing Diameter (inches):	
Depth to Water Elevation (ft, btoc):	~~6.97~~ 6.97	Wellhead Condition:	
Groundwater Elevation (ft, msl):	~~7.08~~ 7.08	Presence of Wellhead Gases:	
Depth to Well Bottom (ft, btoc):	15.89	Vapor Reading (ppm):	
Water Column Height (ft):	8.92	Presence of SPH:	
Calculated Purge Volume (gal):	~~8.92~~ 1.5	Thickness of SPH (ft):	
Actual Purge Volume (gal):	4.5	Comments:	

Gallons Per Foot: 1"=0.04, 2"=0.17, 3"=0.37, 4"=0.66, 6"=1.5, other= r2 x 0.163

PURGING MEASUREMENTS

Time	Volume Removed (gal)	Specific Conductivity ~~(umhos/cm)~~	Temp (°C)	Dissolved Oxygen (mg/L)	pH (units)	~~Turbidity (NTUs)~~ TDS ppm	ORP (mV)	Odor
1600	1.5	1393	16.6		7.30	669		-
1610	1.5	1361	16.6		7.40	672		-
1620	1.5	1384	16.6		7.34	664		-

Water Level Indicator Model & No.:		Purge Method:	bailer
pH/Cond/Temp Meter Model:		Purge Equipment Used:	"
Turbidity Meter Model:		Purge Rate (gpm):	
Sample Collection Time:	1630	Chemical Laboratory:	CTT
Sample Collection Method:	bailer	Chemical Analysis:	TPH-g, BTEX, VOCs
Sample Containers Used:	6 VOAs		

Other Field Observations: Spec Cond = µmhos/cm, Turbidity = TDS, ppm

BUREAU VERITAS

GROUNDWATER SAMPLING DATA SHEET

Project Name: Former Lemoine Sausage Factory	Well ID Number: MW - 13
Project No.: 33104-00 4578.00	Sample ID Number: MW - 13
Project Location: 630 24th Ave, Oakland, CA	Date Gauged: 1/11/07
Field Technician: Adnan	Date Purged: 1/11/07
Weather Conditions:	Date Sampled: 1/11/07
Top of Casing Elevation (ft, msl): 13.39	Casing Diameter (inches):
Depth to Water Elevation (ft, btoc): 5.41	Wellhead Condition:
Groundwater Elevation (ft, msl): 7.98	Presence of Wellhead Gases:
Depth to Well Bottom (ft, btoc): 14.32	Vapor Reading (ppm):
Water Column Height (ft): 8.91	Presence of SPH:
Calculated Purge Volume (gal): 1.5	Thickness of SPH (ft):
Actual Purge Volume (gal):	Comments:

Gallons Per Foot 1"=0.04, 2"=0.17, 3"=0.37, 4"=0.66, 6"=1.5, other= r2 x 0.163

PURGING MEASUREMENTS

Time	Volume Removed (gal)	Specific Conductivity (µmhos/cm)	Temp (°C)	Dissolved Oxygen (mg/L)	pH (units)	Turbidity (NTUs)	ORP (mV)	Odor
1500	1.5	726			7.39			
1510	1.5	725			7.23			
1520	1.5	731			7.20			
1525	1.5	740			7.19			
1530	1.5	737			7.20			

Water Level Indicator Model & No.:	Purge Method: bailer
pH/Cond/Temp Meter Model:	Purge Equipment Used: "
Turbidity Meter Model:	Purge Rate (gpm):
Sample Collection Time: 1535	Chemical Laboratory: C+T
Sample Collection Method: bailer	Chemical Analysis: TPH-g, BTEX, VOCs
Sample Containers Used: 6 VOAs	
Other Field Observations: Spec Cond = µmhos/cm, Turbidity = TDS, ppm	

APPENDIX B

CHAIN-OF-CUSTODY DOCUMENTATION AND CERTIFIED ANALYTICAL REPORTS

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

CASE NARRATIVE

Laboratory number:	**192085**
Client:	**Clayton Group Services**
Location:	**Sausage Factory**
Request Date:	**01/12/07**
Samples Received:	**01/12/07**

This hardcopy data package contains sample and QC results for eleven water samples, requested for the above referenced project on 01/12/07. The samples were received intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B and EPA 8021B):
High surrogate recovery was observed for bromofluorobenzene (FID) in MW-13 (lab # 192085-010); the corresponding trifluorotoluene (FID) surrogate recovery was within limits. High surrogate recoveries were observed for trifluorotoluene (PID) in MW-08 (lab # 192085-005) and MW-13 (lab # 192085-010). High surrogate recovery was observed for bromofluorobenzene (PID) in MW-13 (lab # 192085-010). No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Curtis & Tompkins Laboratories Analytical Report

Lab #:	192085	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD		
Matrix:	Water	Sampled:	01/11/07
Units:	ug/L	Received:	01/12/07

Field ID:	MW-01	Diln Fac:	5.000
Type:	SAMPLE	Batch#:	121230
Lab ID:	192085-001	Analyzed:	01/15/07

Analyte	Result	RL	Analysis
Gasoline C7-C12	14,000	250	EPA 8015B
Benzene	1,200	2.5	EPA 8021B
Toluene	270	2.5	EPA 8021B
Ethylbenzene	450	2.5	EPA 8021B
m,p-Xylenes	670	2.5	EPA 8021B
o-Xylene	180	2.5	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	124	69-137	EPA 8015B
Bromofluorobenzene (FID)	113	80-133	EPA 8015B
Trifluorotoluene (PID)	97	64-132	EPA 8021B
Bromofluorobenzene (PID)	91	80-120	EPA 8021B

Field ID:	MW-02	Diln Fac:	50.00
Type:	SAMPLE	Batch#:	121230
Lab ID:	192085-002	Analyzed:	01/16/07

Analyte	Result	RL	Analysis
Gasoline C7-C12	29,000	2,500	EPA 8015B
Benzene	10,000	25	EPA 8021B
Toluene	240	25	EPA 8021B
Ethylbenzene	1,100	25	EPA 8021B
m,p-Xylenes	1,100	25	EPA 8021B
o-Xylene	240	25	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	102	69-137	EPA 8015B
Bromofluorobenzene (FID)	95	80-133	EPA 8015B
Trifluorotoluene (PID)	115	64-132	EPA 8021B
Bromofluorobenzene (PID)	112	80-120	EPA 8021B

*= Value outside of QC limits; see narrative
C= Presence confirmed, but RPD between columns exceeds 40%
Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Curtis & Tompkins Laboratories Analytical Report

Lab #:	192085	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD		
Matrix:	Water	Sampled:	01/11/07
Units:	ug/L	Received:	01/12/07

Field ID:	MW-06	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	121209
Lab ID:	192085-003	Analyzed:	01/13/07

Analyte	Result	RL	Analysis
Gasoline C7-C12	ND	50	EPA 8015B
Benzene	ND	0.50	EPA 8021B
Toluene	ND	0.50	EPA 8021B
Ethylbenzene	ND	0.50	EPA 8021B
m,p-Xylenes	ND	0.50	EPA 8021B
o-Xylene	ND	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	95	69-137	EPA 8015B
Bromofluorobenzene (FID)	92	80-133	EPA 8015B
Trifluorotoluene (PID)	90	64-132	EPA 8021B
Bromofluorobenzene (PID)	90	80-120	EPA 8021B

Field ID:	MW-07	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	121209
Lab ID:	192085-004	Analyzed:	01/13/07

Analyte	Result	RL	Analysis
Gasoline C7-C12	ND	50	EPA 8015B
Benzene	ND	0.50	EPA 8021B
Toluene	ND	0.50	EPA 8021B
Ethylbenzene	ND	0.50	EPA 8021B
m,p-Xylenes	ND	0.50	EPA 8021B
o-Xylene	ND	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	102	69-137	EPA 8015B
Bromofluorobenzene (FID)	102	80-133	EPA 8015B
Trifluorotoluene (PID)	102	64-132	EPA 8021B
Bromofluorobenzene (PID)	102	80-120	EPA 8021B

*= Value outside of QC limits; see narrative
C= Presence confirmed, but RPD between columns exceeds 40%
Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Curtis & Tompkins Laboratories Analytical Report

Lab #:	192085	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD		
Matrix:	Water	Sampled:	01/11/07
Units:	ug/L	Received:	01/12/07

Field ID:	MW-08	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	121209
Lab ID:	192085-005	Analyzed:	01/13/07

Analyte	Result	RL	Analysis
Gasoline C7-C12	1,100 Y	50	EPA 8015B
Benzene	130	0.50	EPA 8021B
Toluene	ND	0.50	EPA 8021B
Ethylbenzene	49	0.50	EPA 8021B
m,p-Xylenes	1.1 C	0.50	EPA 8021B
o-Xylene	ND	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	111	69-137	EPA 8015B
Bromofluorobenzene (FID)	112	80-133	EPA 8015B
Trifluorotoluene (PID)	135 *	64-132	EPA 8021B
Bromofluorobenzene (PID)	119	80-120	EPA 8021B

Field ID:	MW-09	Diln Fac:	50.00
Type:	SAMPLE	Batch#:	121230
Lab ID:	192085-006	Analyzed:	01/16/07

Analyte	Result	RL	Analysis
Gasoline C7-C12	45,000	2,500	EPA 8015B
Benzene	13,000	25	EPA 8021B
Toluene	460	25	EPA 8021B
Ethylbenzene	1,100	25	EPA 8021B
m,p-Xylenes	2,600	25	EPA 8021B
o-Xylene	450	25	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	118	69-137	EPA 8015B
Bromofluorobenzene (FID)	104	80-133	EPA 8015B
Trifluorotoluene (PID)	119	64-132	EPA 8021B
Bromofluorobenzene (PID)	120	80-120	EPA 8021B

*= Value outside of QC limits; see narrative
C= Presence confirmed, but RPD between columns exceeds 40%
Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
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Curtis & Tompkins Laboratories Analytical Report

Lab #:	192085	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD		
Matrix:	Water	Sampled:	01/11/07
Units:	ug/L	Received:	01/12/07

Field ID:	MW-10	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	121230
Lab ID:	192085-007	Analyzed:	01/15/07

Analyte	Result	RL	Analysis
Gasoline C7-C12	ND	50	EPA 8015B
Benzene	ND	0.50	EPA 8021B
Toluene	ND	0.50	EPA 8021B
Ethylbenzene	ND	0.50	EPA 8021B
m,p-Xylenes	ND	0.50	EPA 8021B
o-Xylene	ND	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	99	69-137	EPA 8015B
Bromofluorobenzene (FID)	103	80-133	EPA 8015B
Trifluorotoluene (PID)	109	64-132	EPA 8021B
Bromofluorobenzene (PID)	115	80-120	EPA 8021B

Field ID:	MW-11	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	121209
Lab ID:	192085-008	Analyzed:	01/13/07

Analyte	Result	RL	Analysis
Gasoline C7-C12	ND	50	EPA 8015B
Benzene	ND	0.50	EPA 8021B
Toluene	ND	0.50	EPA 8021B
Ethylbenzene	ND	0.50	EPA 8021B
m,p-Xylenes	ND	0.50	EPA 8021B
o-Xylene	ND	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	89	69-137	EPA 8015B
Bromofluorobenzene (FID)	91	80-133	EPA 8015B
Trifluorotoluene (PID)	83	64-132	EPA 8021B
Bromofluorobenzene (PID)	86	80-120	EPA 8021B

*= Value outside of QC limits; see narrative
C= Presence confirmed, but RPD between columns exceeds 40%
Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Curtis & Tompkins Laboratories Analytical Report

Lab #:	192085	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD		
Matrix:	Water	Sampled:	01/11/07
Units:	ug/L	Received:	01/12/07

Field ID:	MW-12	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	121209
Lab ID:	192085-009	Analyzed:	01/13/07

Analyte	Result	RL	Analysis
Gasoline C7-C12	76 Y Z	50	EPA 8015B
Benzene	ND	0.50	EPA 8021B
Toluene	ND	0.50	EPA 8021B
Ethylbenzene	ND	0.50	EPA 8021B
m,p-Xylenes	ND	0.50	EPA 8021B
o-Xylene	ND	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	98	69-137	EPA 8015B
Bromofluorobenzene (FID)	102	80-133	EPA 8015B
Trifluorotoluene (PID)	109	64-132	EPA 8021B
Bromofluorobenzene (PID)	102	80-120	EPA 8021B

Field ID:	MW-13	Diln Fac:	10.00
Type:	SAMPLE	Batch#:	121209
Lab ID:	192085-010	Analyzed:	01/13/07

Analyte	Result	RL	Analysis
Gasoline C7-C12	25,000 Y	500	EPA 8015B
Benzene	44	5.0	EPA 8021B
Toluene	ND	5.0	EPA 8021B
Ethylbenzene	160	5.0	EPA 8021B
m,p-Xylenes	69 C	5.0	EPA 8021B
o-Xylene	ND	5.0	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	115	69-137	EPA 8015B
Bromofluorobenzene (FID)	144 *	80-133	EPA 8015B
Trifluorotoluene (PID)	147 *	64-132	EPA 8021B
Bromofluorobenzene (PID)	139 *	80-120	EPA 8021B

*= Value outside of QC limits; see narrative
C= Presence confirmed, but RPD between columns exceeds 40%
Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Curtis & Tompkins Laboratories Analytical Report

Lab #:	192085	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD		
Matrix:	Water	Sampled:	01/11/07
Units:	ug/L	Received:	01/12/07

Field ID:	TRIP BLANK	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	121230
Lab ID:	192085-011	Analyzed:	01/15/07

Analyte	Result	RL	Analysis
Gasoline C7-C12	ND	50	EPA 8015B
Benzene	ND	0.50	EPA 8021B
Toluene	ND	0.50	EPA 8021B
Ethylbenzene	ND	0.50	EPA 8021B
m,p-Xylenes	ND	0.50	EPA 8021B
o-Xylene	ND	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	95	69-137	EPA 8015B
Bromofluorobenzene (FID)	97	80-133	EPA 8015B
Trifluorotoluene (PID)	100	64-132	EPA 8021B
Bromofluorobenzene (PID)	103	80-120	EPA 8021B

Type:	BLANK	Batch#:	121209
Lab ID:	QC371664	Analyzed:	01/12/07
Diln Fac:	1.000		

Analyte	Result	RL	Analysis
Gasoline C7-C12	ND	50	EPA 8015B
Benzene	ND	0.50	EPA 8021B
Toluene	ND	0.50	EPA 8021B
Ethylbenzene	ND	0.50	EPA 8021B
m,p-Xylenes	ND	0.50	EPA 8021B
o-Xylene	ND	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	96	69-137	EPA 8015B
Bromofluorobenzene (FID)	96	80-133	EPA 8015B
Trifluorotoluene (PID)	101	64-132	EPA 8021B
Bromofluorobenzene (PID)	100	80-120	EPA 8021B

*= Value outside of QC limits; see narrative
C= Presence confirmed, but RPD between columns exceeds 40%
Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Curtis & Tompkins Laboratories Analytical Report

Lab #:	192085	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD		
Matrix:	Water	Sampled:	01/11/07
Units:	ug/L	Received:	01/12/07

Type:	BLANK	Batch#:	121230
Lab ID:	QC371736	Analyzed:	01/15/07
Diln Fac:	1.000		

Analyte	Result	RL	Analysis
Gasoline C7-C12	ND	50	EPA 8015B
Benzene	ND	0.50	EPA 8021B
Toluene	ND	0.50	EPA 8021B
Ethylbenzene	ND	0.50	EPA 8021B
m,p-Xylenes	ND	0.50	EPA 8021B
o-Xylene	ND	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	99	69-137	EPA 8015B
Bromofluorobenzene (FID)	102	80-133	EPA 8015B
Trifluorotoluene (PID)	76	64-132	EPA 8021B
Bromofluorobenzene (PID)	80	80-120	EPA 8021B

*= Value outside of QC limits; see narrative
C= Presence confirmed, but RPD between columns exceeds 40%
Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	192085	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8021B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC371665	Batch#:	121209
Matrix:	Water	Analyzed:	01/12/07
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Benzene	20.00	18.15	91	80-120
Toluene	20.00	18.67	93	80-120
Ethylbenzene	20.00	19.23	96	80-120
m,p-Xylenes	20.00	19.90	100	80-120
o-Xylene	20.00	19.87	99	80-120

Surrogate	%REC	Limits
Trifluorotoluene (PID)	112	64-132
Bromofluorobenzene (PID)	115	80-120

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	192085	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC371666	Batch#:	121209
Matrix:	Water	Analyzed:	01/12/07
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	1,860	93	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	104	69-137
Bromofluorobenzene (FID)	113	80-133

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	192085	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	121209
MSS Lab ID:	192080-001	Sampled:	01/11/07
Matrix:	Water	Received:	01/12/07
Units:	ug/L	Analyzed:	01/12/07
Diln Fac:	1.000		

Type: MS Lab ID: QC371667

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	18.28	2,000	1,840	91	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	100	69-137
Bromofluorobenzene (FID)	99	80-133

Type: MSD Lab ID: QC371668

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,761	87	80-120	4	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	93	69-137
Bromofluorobenzene (FID)	103	80-133

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	192085	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8021B
Matrix:	Water	Batch#:	121230
Units:	ug/L	Analyzed:	01/15/07
Diln Fac:	1.000		

Type: BS Lab ID: QC371737

Analyte	Spiked	Result	%REC	Limits
Benzene	20.00	19.41	97	80-120
Toluene	20.00	18.10	90	80-120
Ethylbenzene	20.00	18.05	90	80-120
m,p-Xylenes	20.00	17.96	90	80-120
o-Xylene	20.00	19.84	99	80-120

Surrogate	%REC	Limits
Trifluorotoluene (PID)	78	64-132
Bromofluorobenzene (PID)	82	80-120

Type: BSD Lab ID: QC371738

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Benzene	20.00	19.44	97	80-120	0	20
Toluene	20.00	17.96	90	80-120	1	20
Ethylbenzene	20.00	17.35	87	80-120	4	20
m,p-Xylenes	20.00	17.58	88	80-120	2	20
o-Xylene	20.00	18.93	95	80-120	5	20

Surrogate	%REC	Limits
Trifluorotoluene (PID)	78	64-132
Bromofluorobenzene (PID)	81	80-120

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	192085	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC371739	Batch#:	121230
Matrix:	Water	Analyzed:	01/15/07
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	1,888	94	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	111	69-137
Bromofluorobenzene (FID)	113	80-133

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	192085	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	121230
MSS Lab ID:	192095-003	Sampled:	01/10/07
Matrix:	Water	Received:	01/12/07
Units:	ug/L	Analyzed:	01/15/07
Diln Fac:	1.000		

Type: MS Lab ID: QC371740

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	109.6	2,000	1,993	94	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	103	69-137
Bromofluorobenzene (FID)	107	80-133

Type: MSD Lab ID: QC371741

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,990	94	80-120	0	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	100	69-137
Bromofluorobenzene (FID)	105	80-133

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Halocarbons by GC/MS

Lab #:	192085	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW-01	Batch#:	121244
Lab ID:	192085-001	Sampled:	01/11/07
Matrix:	Water	Received:	01/12/07
Units:	ug/L	Analyzed:	01/16/07
Diln Fac:	4.000		

Analyte	Result	RL
Chloromethane	ND	4.0
Vinyl Chloride	ND	2.0
Bromomethane	ND	4.0
Chloroethane	ND	4.0
Trichlorofluoromethane	ND	4.0
Freon 113	ND	2.0
1,1-Dichloroethene	ND	2.0
Methylene Chloride	ND	80
trans-1,2-Dichloroethene	ND	2.0
1,1-Dichloroethane	ND	2.0
cis-1,2-Dichloroethene	ND	2.0
Chloroform	ND	4.0
1,1,1-Trichloroethane	ND	2.0
Carbon Tetrachloride	ND	2.0
1,2-Dichloroethane	ND	2.0
Trichloroethene	ND	2.0
1,2-Dichloropropane	ND	2.0
Bromodichloromethane	ND	2.0
cis-1,3-Dichloropropene	ND	2.0
trans-1,3-Dichloropropene	ND	2.0
1,1,2-Trichloroethane	ND	2.0
Tetrachloroethene	ND	2.0
Dibromochloromethane	ND	2.0
Chlorobenzene	ND	2.0
Bromoform	ND	2.0
1,1,2,2-Tetrachloroethane	ND	2.0
1,3-Dichlorobenzene	ND	2.0
1,4-Dichlorobenzene	ND	2.0
1,2-Dichlorobenzene	ND	2.0

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	108	80-130
Toluene-d8	103	80-120
Bromofluorobenzene	102	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Halocarbons by GC/MS

Lab #:	192085	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW-02	Batch#:	121244
Lab ID:	192085-002	Sampled:	01/11/07
Matrix:	Water	Received:	01/12/07
Units:	ug/L	Analyzed:	01/16/07
Diln Fac:	25.00		

Analyte	Result	RL
Chloromethane	ND	25
Vinyl Chloride	ND	13
Bromomethane	ND	25
Chloroethane	ND	25
Trichlorofluoromethane	ND	25
Freon 113	ND	13
1,1-Dichloroethene	ND	13
Methylene Chloride	ND	500
trans-1,2-Dichloroethene	ND	13
1,1-Dichloroethane	ND	13
cis-1,2-Dichloroethene	ND	13
Chloroform	ND	25
1,1,1-Trichloroethane	ND	13
Carbon Tetrachloride	ND	13
1,2-Dichloroethane	ND	13
Trichloroethene	ND	13
1,2-Dichloropropane	ND	13
Bromodichloromethane	ND	13
cis-1,3-Dichloropropene	ND	13
trans-1,3-Dichloropropene	ND	13
1,1,2-Trichloroethane	ND	13
Tetrachloroethene	ND	13
Dibromochloromethane	ND	13
Chlorobenzene	ND	13
Bromoform	ND	13
1,1,2,2-Tetrachloroethane	ND	13
1,3-Dichlorobenzene	ND	13
1,4-Dichlorobenzene	ND	13
1,2-Dichlorobenzene	ND	13

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	104	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	105	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Halocarbons by GC/MS

Lab #:	192085	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW-06	Batch#:	121244
Lab ID:	192085-003	Sampled:	01/11/07
Matrix:	Water	Received:	01/12/07
Units:	ug/L	Analyzed:	01/15/07
Diln Fac:	1.000		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	103	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	107	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Halocarbons by GC/MS

Lab #:	192085	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW-07	Batch#:	121244
Lab ID:	192085-004	Sampled:	01/11/07
Matrix:	Water	Received:	01/12/07
Units:	ug/L	Analyzed:	01/15/07
Diln Fac:	1.000		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	104	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	107	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Halocarbons by GC/MS

Lab #:	192085	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW-08	Batch#:	121203
Lab ID:	192085-005	Sampled:	01/11/07
Matrix:	Water	Received:	01/12/07
Units:	ug/L	Analyzed:	01/13/07
Diln Fac:	12.50		

Analyte	Result	RL
Chloromethane	ND	13
Vinyl Chloride	58	6.3
Bromomethane	ND	13
Chloroethane	ND	13
Trichlorofluoromethane	ND	13
Freon 113	ND	6.3
1,1-Dichloroethene	ND	6.3
Methylene Chloride	ND	250
trans-1,2-Dichloroethene	32	6.3
1,1-Dichloroethane	ND	6.3
cis-1,2-Dichloroethene	820	6.3
Chloroform	ND	13
1,1,1-Trichloroethane	ND	6.3
Carbon Tetrachloride	ND	6.3
1,2-Dichloroethane	ND	6.3
Trichloroethene	ND	6.3
1,2-Dichloropropane	ND	6.3
Bromodichloromethane	ND	6.3
cis-1,3-Dichloropropene	ND	6.3
trans-1,3-Dichloropropene	ND	6.3
1,1,2-Trichloroethane	ND	6.3
Tetrachloroethene	ND	6.3
Dibromochloromethane	ND	6.3
Chlorobenzene	ND	6.3
Bromoform	ND	6.3
1,1,2,2-Tetrachloroethane	ND	6.3
1,3-Dichlorobenzene	ND	6.3
1,4-Dichlorobenzene	ND	6.3
1,2-Dichlorobenzene	ND	6.3

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	93	80-130
Toluene-d8	95	80-120
Bromofluorobenzene	95	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Halocarbons by GC/MS

Lab #:	192085	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW-09	Batch#:	121244
Lab ID:	192085-006	Sampled:	01/11/07
Matrix:	Water	Received:	01/12/07
Units:	ug/L	Analyzed:	01/16/07
Diln Fac:	33.33		

Analyte	Result	RL
Chloromethane	ND	33
Vinyl Chloride	ND	17
Bromomethane	ND	33
Chloroethane	ND	33
Trichlorofluoromethane	ND	33
Freon 113	ND	17
1,1-Dichloroethene	ND	17
Methylene Chloride	ND	670
trans-1,2-Dichloroethene	ND	17
1,1-Dichloroethane	ND	17
cis-1,2-Dichloroethene	ND	17
Chloroform	ND	33
1,1,1-Trichloroethane	ND	17
Carbon Tetrachloride	ND	17
1,2-Dichloroethane	ND	17
Trichloroethene	ND	17
1,2-Dichloropropane	ND	17
Bromodichloromethane	ND	17
cis-1,3-Dichloropropene	ND	17
trans-1,3-Dichloropropene	ND	17
1,1,2-Trichloroethane	ND	17
Tetrachloroethene	ND	17
Dibromochloromethane	ND	17
Chlorobenzene	ND	17
Bromoform	ND	17
1,1,2,2-Tetrachloroethane	ND	17
1,3-Dichlorobenzene	ND	17
1,4-Dichlorobenzene	ND	17
1,2-Dichlorobenzene	ND	17

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	106	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	104	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Halocarbons by GC/MS

Lab #:	192085	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW-10	Batch#:	121244
Lab ID:	192085-007	Sampled:	01/11/07
Matrix:	Water	Received:	01/12/07
Units:	ug/L	Analyzed:	01/15/07
Diln Fac:	1.000		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	105	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	107	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Halocarbons by GC/MS

Lab #:	192085	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW-11	Batch#:	121244
Lab ID:	192085-008	Sampled:	01/11/07
Matrix:	Water	Received:	01/12/07
Units:	ug/L	Analyzed:	01/15/07
Diln Fac:	1.000		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	105	80-130
Toluene-d8	102	80-120
Bromofluorobenzene	109	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Halocarbons by GC/MS

Lab #:	192085	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW-12	Batch#:	121203
Lab ID:	192085-009	Sampled:	01/11/07
Matrix:	Water	Received:	01/12/07
Units:	ug/L	Analyzed:	01/13/07
Diln Fac:	2.000		

Analyte	Result	RL
Chloromethane	ND	2.0
Vinyl Chloride	ND	1.0
Bromomethane	ND	2.0
Chloroethane	ND	2.0
Trichlorofluoromethane	ND	2.0
Freon 113	ND	1.0
1,1-Dichloroethene	ND	1.0
Methylene Chloride	ND	40
trans-1,2-Dichloroethene	53	1.0
1,1-Dichloroethane	ND	1.0
cis-1,2-Dichloroethene	47	1.0
Chloroform	ND	2.0
1,1,1-Trichloroethane	ND	1.0
Carbon Tetrachloride	ND	1.0
1,2-Dichloroethane	ND	1.0
Trichloroethene	140	1.0
1,2-Dichloropropane	ND	1.0
Bromodichloromethane	ND	1.0
cis-1,3-Dichloropropene	ND	1.0
trans-1,3-Dichloropropene	ND	1.0
1,1,2-Trichloroethane	ND	1.0
Tetrachloroethene	ND	1.0
Dibromochloromethane	ND	1.0
Chlorobenzene	ND	1.0
Bromoform	ND	1.0
1,1,2,2-Tetrachloroethane	ND	1.0
1,3-Dichlorobenzene	ND	1.0
1,4-Dichlorobenzene	ND	1.0
1,2-Dichlorobenzene	ND	1.0

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	94	80-130
Toluene-d8	96	80-120
Bromofluorobenzene	96	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Halocarbons by GC/MS

Lab #:	192085	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW-13	Batch#:	121203
Lab ID:	192085-010	Sampled:	01/11/07
Matrix:	Water	Received:	01/12/07
Units:	ug/L	Analyzed:	01/13/07
Diln Fac:	1.667		

Analyte	Result	RL
Chloromethane	ND	1.7
Vinyl Chloride	11	0.8
Bromomethane	ND	1.7
Chloroethane	ND	1.7
Trichlorofluoromethane	ND	1.7
Freon 113	ND	0.8
1,1-Dichloroethene	ND	0.8
Methylene Chloride	ND	33
trans-1,2-Dichloroethene	45	0.8
1,1-Dichloroethane	ND	0.8
cis-1,2-Dichloroethene	87	0.8
Chloroform	ND	1.7
1,1,1-Trichloroethane	ND	0.8
Carbon Tetrachloride	ND	0.8
1,2-Dichloroethane	ND	0.8
Trichloroethene	24	0.8
1,2-Dichloropropane	ND	0.8
Bromodichloromethane	ND	0.8
cis-1,3-Dichloropropene	ND	0.8
trans-1,3-Dichloropropene	ND	0.8
1,1,2-Trichloroethane	ND	0.8
Tetrachloroethene	ND	0.8
Dibromochloromethane	ND	0.8
Chlorobenzene	ND	0.8
Bromoform	ND	0.8
1,1,2,2-Tetrachloroethane	ND	0.8
1,3-Dichlorobenzene	ND	0.8
1,4-Dichlorobenzene	ND	0.8
1,2-Dichlorobenzene	ND	0.8

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	112	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	102	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	192085	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC371635	Batch#:	121203
Matrix:	Water	Analyzed:	01/12/07
Units:	ug/L		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	102	80-130
Toluene-d8	99	80-120
Bromofluorobenzene	97	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	192085	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	121203
Units:	ug/L	Analyzed:	01/12/07
Diln Fac:	1.000		

Type: BS Lab ID: QC371636

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	28.30	113	77-128
Trichloroethene	25.00	25.90	104	80-120
Chlorobenzene	25.00	25.72	103	80-120

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	99	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	98	80-122

Type: BSD Lab ID: QC371637

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	27.01	108	77-128	5	20
Trichloroethene	25.00	25.78	103	80-120	0	20
Chlorobenzene	25.00	25.08	100	80-120	2	20

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	99	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	94	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	192085	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	121244
Units:	ug/L	Analyzed:	01/15/07
Diln Fac:	1.000		

Type: BS Lab ID: QC371793

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	28.49	114	77-128
Trichloroethene	25.00	26.31	105	80-120
Chlorobenzene	25.00	25.11	100	80-120

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	101	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	99	80-122

Type: BSD Lab ID: QC371794

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	26.58	106	77-128	7	20
Trichloroethene	25.00	24.71	99	80-120	6	20
Chlorobenzene	25.00	24.97	100	80-120	1	20

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	98	80-130
Toluene-d8	102	80-120
Bromofluorobenzene	100	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	192085	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC371795	Batch#:	121244
Matrix:	Water	Analyzed:	01/15/07
Units:	ug/L		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	20
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	1.0
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Bromoform	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	102	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	104	80-122

ND= Not Detected
RL= Reporting Limit

Clayton GROUP SERVICES

CHAIN OF CUSTODY

192085

Lab: Curtis&Tompkins

TAT: Standard

Report results to:

Name: Jeremy Wilson
Company: Clayton Group Services
Mailing Address: 6920 Koll Center Parkway, Ste. 216
City, State, Zip: Pleasanton, California 94566
Telephone No.: (925) 426-2600
Fax No.: (925) 426-0106
E-mail: jeremy.wilson@us.bureauveritas.com

Project Information

Project No.: 33104-04578.00
Name: Sausage Factory
Location: 630 29th Avenue, Oakland
Global_Id: T0600102114
Log_code: CGSP

Special instructions and/or specific regulatory requirements:

	Sample Identification	Sample Date	Sample Time	Matrix/ Media	No. of Conts.	8021B for TPH-g/BTEX	8260B for HVOCs	Sample Condition/Comments	Preservative
-1	MW-01	1/11/07	1300	water	6	X	X		HCl
-2	MW-02		1230		6				HCl
-3	MW-06		1440		6				HCl
-4	MW-07		1015		6				HCl
-5	MW-08		1110		6				HCl
-6	MW-09		1155		6				HCl
-7	MW-10		1335		6				HCl
-8	MW-11		1715		6				HCl
-9	MW-12		1630		6				HCl
-10	MW-13		1535		6				HCl

Analyses Requested

Collected by: AE ***Date/Time*** _____ ***Collector's Signature:*** _____ ***Date/Time*** 1/12/07

Relinquished by: _____ ***Date/Time*** _____ ***Received by:*** _____ ***Date/Time*** 1/12/07 - 1235

Relinquished by: _____ ***Date/Time*** _____ ***Received by:*** _____ ***Date/Time*** _____

Method of Shipment: _____ ***Sample Condition on Rcpt:*** _____