



R 0 3 3 4

Alameda County
Environmental Health
NOV 21 2006

November 20, 2006

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

Clayton Project No.33104-004578.00

**Subject: Third Quarter 2006 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 Third Quarter 2006 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

Clayton Group Services, Inc.

A Bureau Veritas Company
6920 Koll Center Parkway, Suite 216
Pleasanton, CA 94566

Main: (925) 426-2600
Fax: (925) 426-0106
www.us.bureauveritas.com



Ro

Third Quarter 2006 Groundwater Monitoring Report

Former Lemoine Sausage Factory
630 29th Avenue
Oakland, California

November, 2006
33104-004578.00

Prepared for:
AIG Technical Services, Inc.
80 Pine Street, 6th Floor
New York, New York 10005

Alameda County
NOV 21 2006
Environmental Health

Clayton Group Services, Inc.
A Bureau Veritas Company
6920 Koll Center Parkway, Suite 216
Pleasanton, California 94566
925.426.2600
www.us.bureauveritas.com



CONTENTS

<u>Section</u>	<u>Page</u>
1.0 INTRODUCTION.....	1
2.0 SITE DESCRIPTION AND HISTORY.....	1
3.0 FIELD ACTIVITIES.....	1
3.1. GROUNDWATER LEVEL MEASUREMENTS.....	1
3.2. GROUNDWATER PURGING.....	2
3.4 LABORATORY ANALYSES.....	2
4.0 FINDINGS.....	3
4.1. GROUNDWATER FLOW CONDITIONS.....	3
4.2. ANALYTICAL RESULTS.....	3
5.0 CONCLUSIONS.....	4

Tables

1. Summary of Groundwater Elevation Data
2. Summary of Groundwater Analytical Results

Figures

1. Property Location Map
2. Groundwater Elevation Map, 2nd Quarter 2006
3. TPH-g Concentrations in Groundwater, 2nd Quarter 2006
4. Benzene Concentrations in Groundwater, 2nd Quarter 2006
5. TCE and cis-1,2- DCE Concentrations in Groundwater, 2nd Quarter 2006

Appendices

- A. Field Sampling Data Sheets
- B. Chain-of-Custody Documentation and Certified Analytical Reports



1.0 INTRODUCTION

Clayton Group Services, Inc., a Bureau Veritas Company (Clayton), has prepared the following Third Quarter 2006 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 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 September 14, 2006, 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, approximately three (3) 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. Monitoring Well MW-7 was purged using a peristaltic pump due to a parked car obstructing access to the monitoring well.

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 Third Quarter 2006 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 Third Quarter 2006 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 5.15 and 10.27 feet below the tops of well casings. Groundwater elevations ranged between 7.36 and 11.65 feet above mean sea level. Groundwater flow is to the southwest at an estimated gradient of 0.017 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 Third Quarter 2006 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-6, MW-8, MW-9, MW-12, and MW-13 at concentrations ranging between 57 and 50,000 micrograms per liter ($\mu\text{g/L}$).
- Benzene was detected in Wells MW-1, MW-2, MW-8, and MW-9 at concentrations ranging between 120 and 13,000 $\mu\text{g/L}$.
- Toluene was detected in Wells MW-1, MW-2, and MW-9 at concentrations ranging between 320 and 620 $\mu\text{g/L}$.
- Ethylbenzene was detected in Wells MW-1, MW-2, MW-8, MW-9, and MW-13 at concentrations ranging between 42 and 1,200 $\mu\text{g/L}$.
- Total xylenes were detected in Wells MW-1, MW-2, MW-9, and MW-13 at concentrations ranging between 38 and 3,680 $\mu\text{g/L}$.
- Trichloroethene (TCE) was detected in Wells MW-8, MW-12, and MW-13 at 7.6, 110 and 15 $\mu\text{g/L}$, respectively.
- Cis-1,2-dichloroethene (cis-1,2-DCE) was detected in Wells MW-8, MW-12, and MW-13 at concentrations of 800, 41, and 93 $\mu\text{g/L}$, respectively.
- Trans-1,2-dichloroethene (trans-1,2-DCE) was detected in Wells MW-8, MW-12, and MW-13 at concentrations ranging between 37 and 47 $\mu\text{g/L}$.



- Vinyl chloride (VC) was detected in Wells MW-8 and MW-13 at 43 and 17 $\mu\text{g/L}$, respectively.

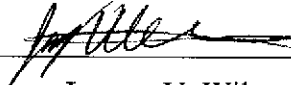
Historical groundwater analytical results for petroleum hydrocarbons and VOCs detected in groundwater are presented in Table 2. TPH-g and benzene concentrations detected in groundwater and isoconcentration contours for these constituents for Third Quarter 2006 are presented on Figures 3 and 4, respectively. TCE and cis 1,2-DCE concentrations detected in groundwater during Third Quarter 2006 are presented in Figure 5.

5.0 CONCLUSIONS

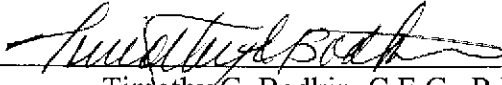
Groundwater conditions for Third Quarter 2006 are relatively consistent with those trends noted during previous monitoring events. TPH-g and BTEX concentrations detected in groundwater have generally slightly increased and or remained relatively similar in comparison with the previous event. The highest 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 within the central portion of the subject building and downgradient of the former UST location. Wells MW-6, MW-12, and MW-10 define the northern, western, and eastern edges of the petroleum hydrocarbon plume.

VOCs detected in groundwater during Third Quarter 2006 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 with the exception of slightly increased and decreased concentrations of VOCs. 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. Apparent 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
Environmental Services



November 20, 2006



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	
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	



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-2	9/15/2004	20.79	10.94	9.85
	12/16/2004	20.79	NM	NM
	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
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	



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-6	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
	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
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	



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-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	
	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	
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		



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-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
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
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



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-12	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
	MW-13	6/28/2002	13.39	6.21
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	

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	Benzene	Toluene	Ethylbenzene	Total Xylenes	TCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	VC
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	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	

TABLE 2

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



Sample Location	Date Sampled	TPH-g	Benzene	Toluene	Ethylbenzene	Total Xylenes	TCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	VC	
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	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		

TABLE 2

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



Sample Location	Date Sampled	TPH-g	Benzene	Toluene	Ethylbenzene	Total Xylenes	TCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	VC
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	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	< 0.5	0.95	< 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	
9/14/2006	57	< 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	Benzene	Toluene	Ethylbenzene	Total Xylenes	TCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	VC
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	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	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	
9/14/2006	1,600	120	<0.5	42	<0.5	7.6	<6.3	800	37	43	

TABLE 2

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



Sample Location	Date Sampled	TPH-g	Benzene	Toluene	Ethylbenzene	Total Xylenes	TCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	VC
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	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-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	
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
	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	

TABLE 2

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



Sample Location	Date Sampled	TPH-g	Benzene	Toluene	Ethylbenzene	Total Xylenes	TCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	VC
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	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	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
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
	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

TABLE 2

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



Sample Location	Date Sampled	TPH-g	Benzene	Toluene	Ethylbenzene	Total Xylenes	TCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	VC
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	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-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	

TABLE 2

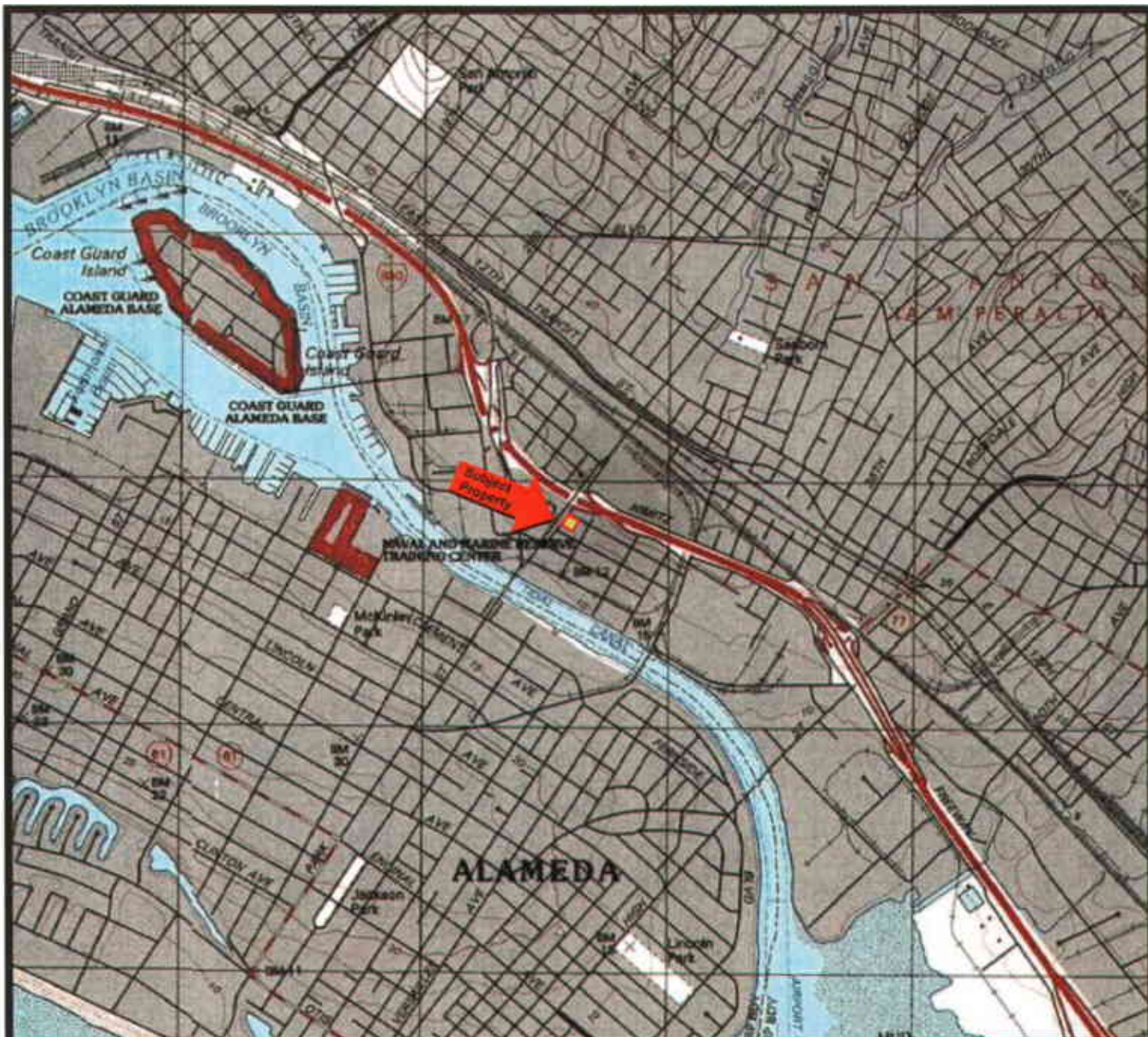
**HISTORICAL GROUNDWATER ANALYTICAL RESULTS
FORMER LEMOINE SAUSAGE FACTORY
630 29TH AVENUE
OAKLAND, CALIFORNIA**



Sample Location	Date Sampled	TPH-g	Benzene	Toluene	Ethylbenzene	Total Xylenes	TCE	1,2-DCA	cis-1,2-DCE	trans-1,2-DCE	VC
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	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	

Notes:

1. All results are reported in micrograms per liter (μ /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-dichloroethene.
8. cis-1,2-DCE refers to cis-1,2-Dichloroethene.
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.



Map Source: TOPO!© 2000 National Geographic Holdings

Note: Boundaries and Location Information is Approximate



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

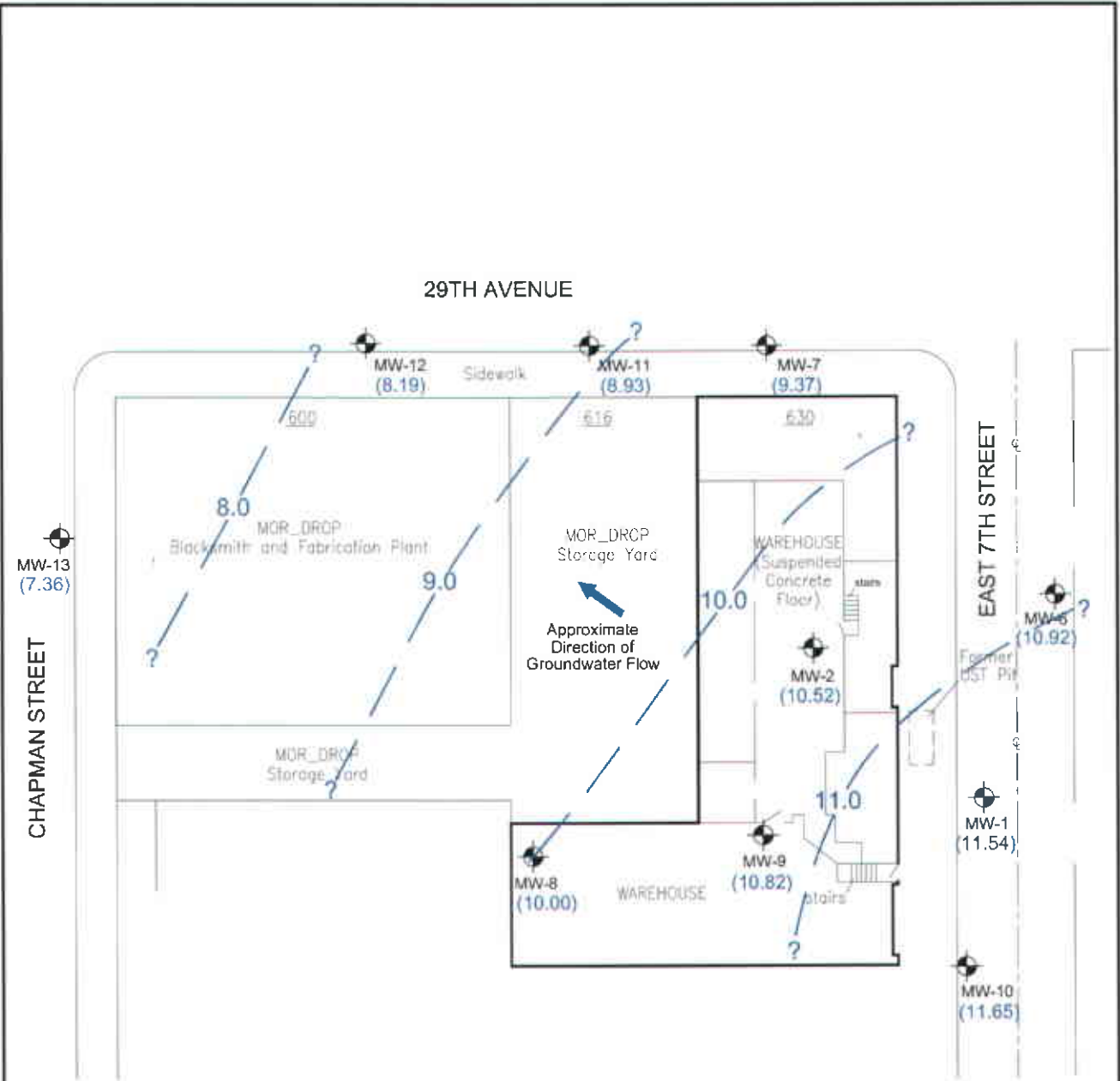


PROPERTY LOCATION MAP
 Former Lemoine Sausage Factory
 630 29th Avenue
 Oakland, California
 Clayton Project No. 33104-004578.00



Figure

1



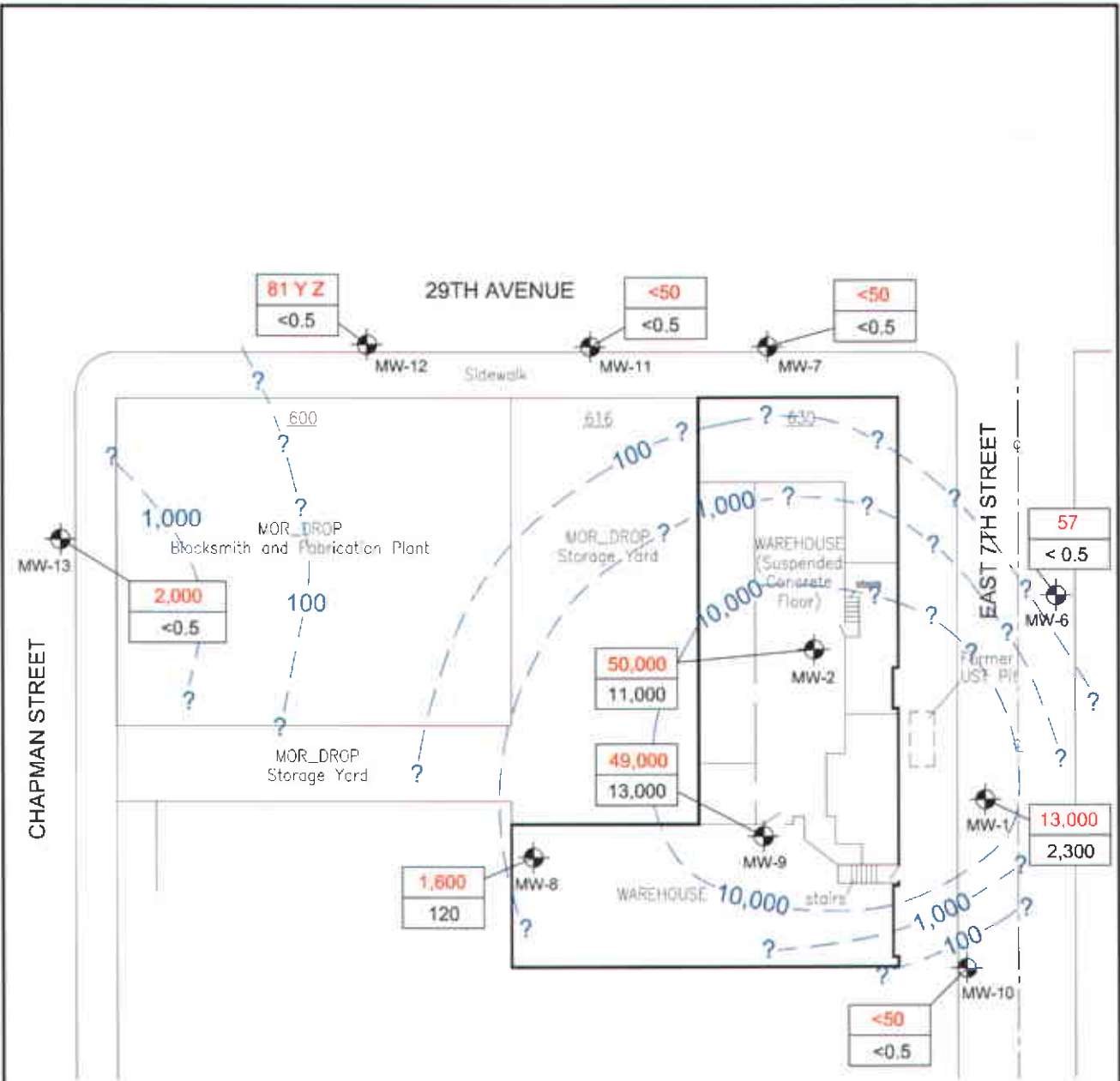


LEGEND:

- MW-1  Existing Monitoring Well Location
- (11.54) Groundwater Elevation (ft msl), 09/14/06
- 10.0  Groundwater Surface Elevation Contour (ft msl)
- ft msl Feet Above Mean Sea Level



<p>GROUNDWATER ELEVATION MAP, 3RD QUARTER 2006</p> <p>FORMER LEMOINE SAUSAGE FACTORY 630 29TH AVENUE OAKLAND, CALIFORNIA Clayton Project No. 33104-004578.00</p>	<p>Figure 2 10/08/06 SITE1006 DWG</p>	
---	--	---



LEGEND:

MW-1 Existing Monitoring Well Location

TPH-g Concentration (ug/L), 09/14/06
 Benzene Concentration (ug/L), 09/14/06

TPH-g Isoconcentration Contour (ug/L)

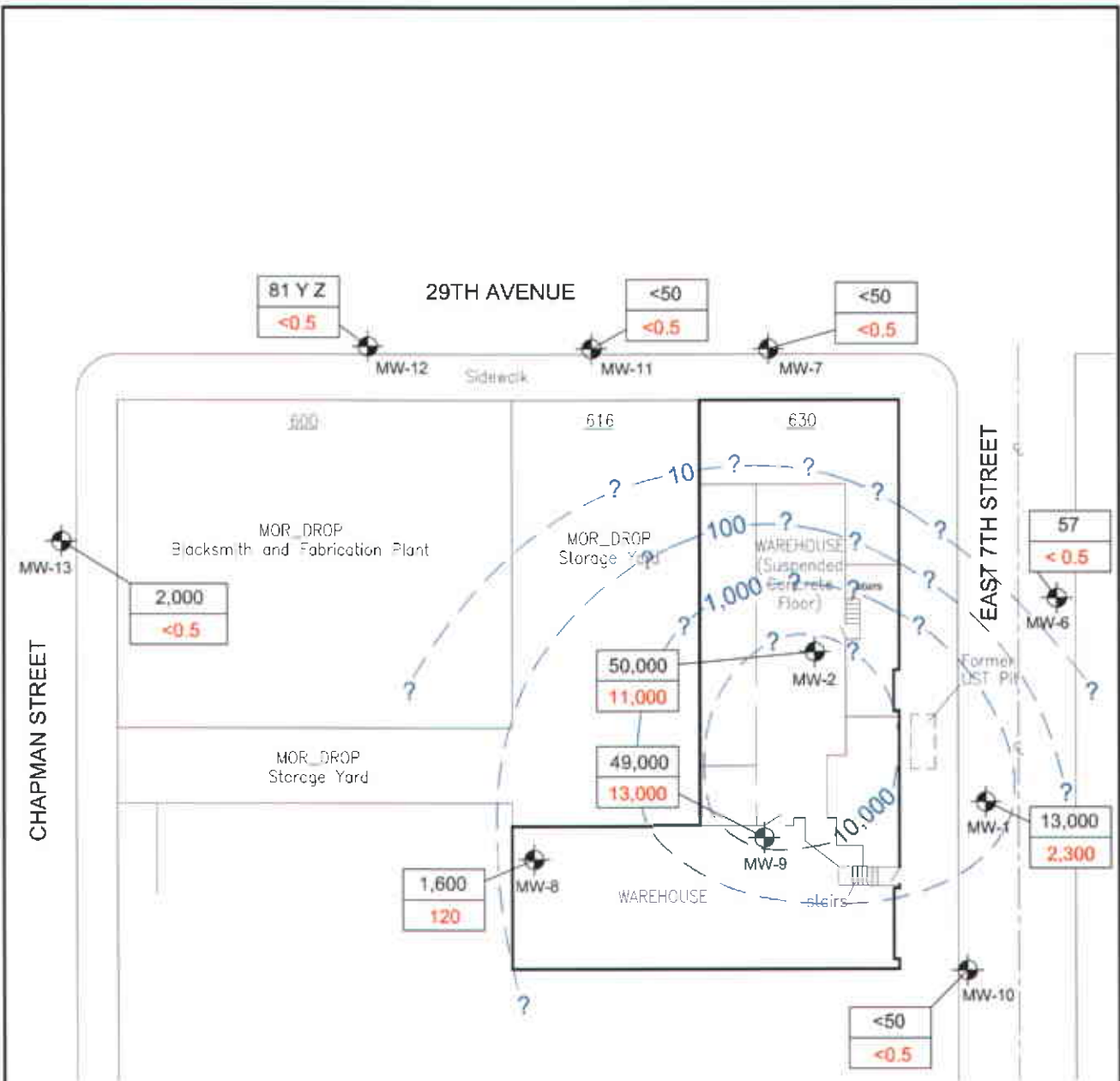
TPH-g Total Petroleum Hydrocarbons as Gasoline
 ug/L micrograms per liter



TPH-g CONCENTRATIONS IN GROUNDWATER, 3RD QUARTER 2006
 FORMER LEMOINE SAUSAGE FACTORY
 630 29TH AVENUE
 OAKLAND, CALIFORNIA
 Clayton Project No. 33104-004578.00

Figure
3
 10/08/06
 SITE1008 DWG





LEGEND:

MW-1 Existing Monitoring Well Location

1,600
120

TPH-g Concentration (ug/L), 09/14/06
Benzene Concentration (ug/L), 09/14/06

10 Benzene Isoconcentration Contour (ug/L)

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



BENZENE CONCENTRATIONS IN GROUNDWATER, 3RD QUARTER 2006

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

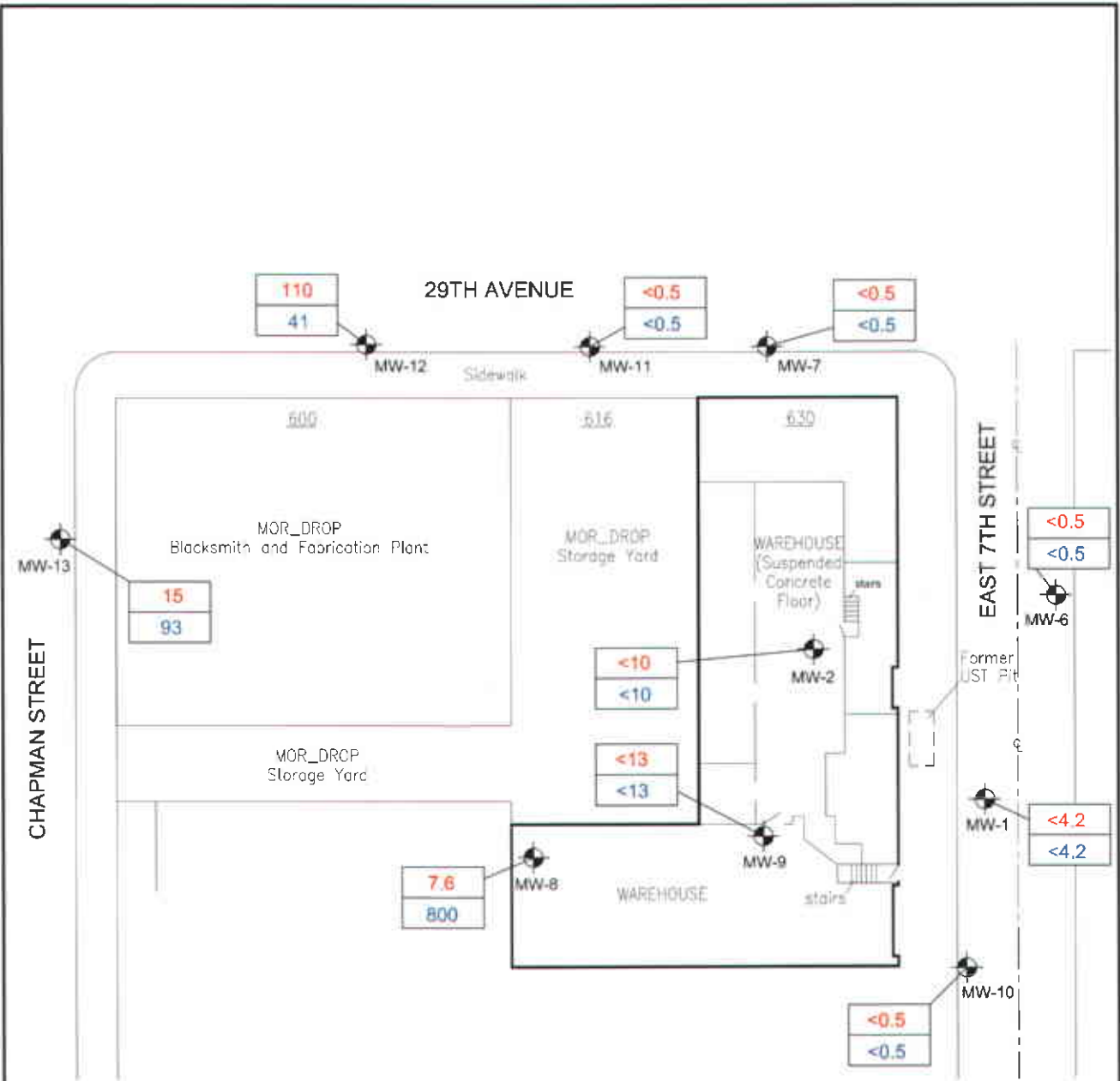
Figure

4

10/08/06
SITE1006 DWG



BUREAU OF GEOLOGY AND MINES
VERITAS

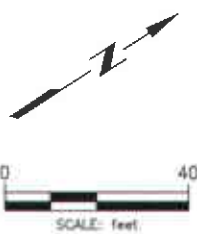


LEGEND:

MW-1 Existing Monitoring Well Location

TCE Concentration (ug/L), 09/14/06
 cis-1,2-DCE Concentration (ug/L), 09/14/06

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



TCE AND cis-1,2-DCE CONCENTRATIONS IN GROUNDWATER, 3RD QUARTER 2006
 FORMER LEMOINE SAUSAGE FACTORY
 630 29TH AVENUE
 OAKLAND, CALIFORNIA
 Clayton Project No. 33104-004578.00

Figure
5
 10/08/06
 SITE1006 DWG





APPENDIX A

FIELD SAMPLING DATA SHEETS



FIELD SAMPLING DATA SHEET

Job Location: Former Lemoine Sausage Factory	Job #: 70-04578.00
630 29th Avenue	Date Purged: 9-14-06
Oakland, California	Purge Method: Peristaltic Pump
Sampling Location: MW-1	Date & Time Sampled: 9-14-06 1400
Top of Casing Elevation: 16.69 (ft, msl)	Sampling Method: Peristaltic Pump
Depth to Water: 5.15 (ft)	Lab Analysis: TPH-g/BTEX/VOCs
Groundwater Elevation: 11.54 (ft)	Preservatives: Ice/HCL
Well Bottom Depth: 7.69 (ft)	# of Containers: 6
Water Column Height: 3.85 (ft)	Sampling Personnel: JWV
Well Casing Volume: 0.07 (WC* 0.01)	Weather Conditions: sky Partly Cloudy / cool
Casing Volumes Purged: 0	
Purge Rate:	Well Diameter: 3/4"

Time	Volume Removed (gal)	pH	Specific Conductivity (µmhos/cm)	Redox Potential (mVolts)	Temperature (°F or °C)	Turbidity (Visual)
:						
:						
:						
:						
:						
:						
:						
:						
:						
:						
:						
:						
:						
:						
:						

Field Notes:
 Did not conduct purging due to limited water w/in well
 No odor



FIELD SAMPLING DATA SHEET

Job Location:	Former Lemoine Sausage Factory	Job #:	70-04578.00
	630 29th Avenue	Date Purged:	9-14-06
	Oakland, California	Purge Method:	Peristaltic Pump
Sampling Location:	MW-2	Date & Time Sampled:	9-14-06 1125
Top of Casing Elevation:	20.79 (ft, msl)	Sampling Method:	Peristaltic Pump
Depth to Water:	10.27 (ft)	Lab Analysis:	TPH-g/BTEX/VOCs
Groundwater Elevation:	10.52 (ft)	Preservatives:	Ice/HCL
Well Bottom Depth:	0.79 (ft)	# of Containers:	6
Water Column Height:	9.73 (ft)	Sampling Personnel:	JVW
Well Casing Volume:	6.10 (WC* 0.01)	Weather Conditions:	
Casing Volumes Purged:			
Purge Rate:		Well Diameter:	3/4"

Time	Volume Removed (gal)	pH	Specific Conductivity (µmhos/cm)	Redox Potential (mVolts)	Temperature (°F or °C)	Turbidity (Visual)
:						
:						
:						
:						
:						
:						
:						
:						
:						
:						
:						
:						
:						
:						

Field Notes: Well Not Purged Due to well volume Odor observed during Sampling



FIELD SAMPLING DATA SHEET

Job Location:	Former Lemoine Sausage Factory	Job #:	70-04578.00
	630 29th Avenue	Date Purged:	9-14-06
	Oakland, California	Purge Method:	Disposable Bailer
Sampling Location:	MW-6	Date & Time Sampled:	9-14-06 1440
Top of Casing Elevation:	16.60 (ft, msl)	Sampling Method:	Disposable Bailer
Depth to Water:	5.68 (ft)	Lab Analysis:	TPH-g/BTEX/VOCs
Groundwater Elevation:	10.92 (ft)	Preservatives:	Ice/HCL
Well Bottom Depth:	-3.40 (ft)	# of Containers:	6
Water Column Height:	14.32 (ft)	Sampling Personnel:	JVW
Well Casing Volume:	2.29 (WC* 0.16)	Weather Conditions:	Partly Cloudy/Cool
Casing Volumes Purged:			
Purge Rate:		Well Diameter:	2"

Time	Volume Removed (gal)	pH	Specific Conductivity (µmhos/cm)	Redox Potential (mVolts)	Temperature (°F or °C)	Turbidity (Visual)
14:20	0	9.91	9.45	—	24.1	clear
14:25	2.5	10.12	9.50	—	24.1	clear
14:30	5.0	9.98	9.61	—	24.0	clear
14:35	7.5	9.97	9.57	—	24.1	clear
:				—		
:				—		
:						
:						
:						
:						
:						
:						

Field Notes:
 No odor



FIELD SAMPLING DATA SHEET

Job Location:	Former Lemoine Sausage Factory	Job #:	70-04578.00
	630 29th Avenue	Date Purged:	9-14-06
	Oakland, California	Purge Method:	Disposable Bailer
Sampling Location:	MW-7	Date & Time Sampled:	9-14-06 1700
Top of Casing Elevation:	15.47 (ft, msl)	Sampling Method:	Disposable Bailer
Depth to Water:	6.10 (ft)	Lab Analysis:	TPH-g/BTEX/VOCs
Groundwater Elevation:	9.37 (ft)	Preservatives:	Ice/HCL
Well Bottom Depth:	-4.53 (ft)	# of Containers:	6
Water Column Height:	13.90 (ft)	Sampling Personnel:	JVW
Well Casing Volume:	2.22 (WC* 0.16)	Weather Conditions:	Partly Cloudy / cool
Casing Volumes Purged:			
Purge Rate:		Well Diameter:	2"

Time	Volume Removed (gal)	pH	Specific Conductivity (µmhos/cm)	Redox Potential (mVolts)	Temperature (°F or °C)	Turbidity (Visual)
16:44	0	10.41	0.929	—	21.2	Clear
16:48	2.25	10.46	0.925	—	21.6	Clear
16:52	4.50	10.48	0.931	—	21.5	Clear
16:56	6.75	10.47	0.933	—	21.5	Clear
:				—		
:				—		
:				—		
:				—		
:				—		
:				—		
:				—		
:				—		

Field Notes:



FIELD SAMPLING DATA SHEET

Job Location: Former Lemoine Sausage Factory	Job #: 70-04578.00
630 29th Avenue	Date Purged: 9-14-04
Oakland, California	Purge Method: Disposable Bailer
Sampling Location: MW-8	Date & Time Sampled: 9-14-04 1235
Top of Casing Elevation: 17.58 (ft, msl)	Sampling Method: Disposable Bailer
Depth to Water: 11.58 (ft)	Lab Analysis: TPH-g/BTEX/VOCs
Groundwater Elevation: 10.00 (ft)	Preservatives: Ice/HCL
Well Bottom Depth: -2.42 (ft)	# of Containers: 6
Water Column Height: 12.42 (ft)	Sampling Personnel: JWJ
Well Casing Volume: 1.99 (WC* 0.16)	Weather Conditions: Partly cloudy / cool
Casing Volumes Purged:	
Purge Rate:	Well Diameter: 2"

Time	Volume Removed (gal)	pH	Specific Conductivity (µmhos/cm)	Redox Potential (mVolts)	Temperature (°F or °C)	Turbidity (Visual)
12:15	0	10.09	1.108	—	18.3	Clear
12:20	2	10.20	1.107	—	17.9	Clear
12:25	4	10.11	1.095	—	17.8	Clear
12:30	6	10.15	1.103	—	17.9	Clear
:						
:						
:						
:						
:						
:						
:						
:						
:						

Field Notes: Petroleum odor



FIELD SAMPLING DATA SHEET

Job Location: Former Lemoine Sausage Factory	Job #: 70-04578.00
630 29th Avenue	Date Purged: 9-14-06
Oakland, California	Purge Method: Disposable Bailer
Sampling Location: MW-9	Date & Time Sampled: 9-14-06 1310
Top of Casing Elevation: 17.61 (ft, msl)	Sampling Method: Disposable Bailer
Depth to Water: 6.79 (ft)	Lab Analysis: TPH-g/BTEX/VOCs
Groundwater Elevation: 10.82 (ft)	Preservatives: Ice/HCL
Well Bottom Depth: 2.61 (ft)	# of Containers: 6
Water Column Height: 8.21 (ft)	Sampling Personnel: JWV
Well Casing Volume: 1.31 (WC* 0.16)	Weather Conditions: Partly Cloudy/cool
Casing Volumes Purged:	
Purge Rate:	Well Diameter: 2"

Time	Volume Removed (gal)	pH	Specific Conductivity ($\mu\text{mhos/cm}$)	Redox Potential (mVolts)	Temperature ($^{\circ}\text{F}$ or $^{\circ}\text{C}$)	Turbidity (Visual)
12:44	0	9.14	8.41 ^{ms/cm}	—	18.4	clear
12:48	1.5	9.38	8.47	—	18.4	clear
12:53	3.0	9.34	8.52	—	18.5	clear
12:59	4.5	9.42	8.61	—	18.4	clear
:				—		
:				—		
:						
:						
:						
:						
:						
:						

Field Notes:
 Petroleum odor
 3rd purge: batters 1/2 full → will wait 10 minutes for recharge



FIELD SAMPLING DATA SHEET

Job Location: Former Lemoine Sausage Factory	Job #: 70-04578.00
630 29th Avenue	Date Purged: 9-14-06
Oakland, California	Purge Method: Disposable Bailer
Sampling Location: MW-10	Date & Time Sampled: 9-14-06 1340
Top of Casing Elevation: 16.92 (ft, msl)	Sampling Method: Disposable Bailer
Depth to Water: 5.27 (ft)	Lab Analysis: TPH-g/BTEX/VOCs
Groundwater Elevation: 11.65 (ft)	Preservatives: Ice/HCL
Well Bottom Depth: 7.92 (ft)	# of Containers: 6
Water Column Height: 3.73 (ft)	Sampling Personnel: JWW
Well Casing Volume: 0.60 (WC* 0.16)	Weather Conditions: partly cloudy, cool
Casing Volumes Purged:	
Purge Rate:	Well Diameter: 2"

Time	Volume Removed (gal)	pH	Specific Conductivity (µmhos/cm)	Redox Potential (mVolts)	Temperature (°F or °C)	Turbidity (Visual)
13:23	0	10.58	0.750	—	24.4	clear
13:26	0.75	10.47	0.600	—	24.7	clear
13:29	1.5	10.18	0.600	—	24.8	clear
13:34	2.25	10.21	0.589	—	24.9	slightly cloudy w/ some sediment
:				—		~
:				—		
:						
:						
:						
:						
:						
:						

Field Notes: *No odor*



FIELD SAMPLING DATA SHEET

Job Location: Former Lemoine Sausage Factory	Job #: 70-04578.00
630 29th Avenue	Date Purged: 9-14-06
Oakland, California	Purge Method: Disposable Bailer
Sampling Location: MW-11	Date & Time Sampled: 9-14-06 1623
Top of Casing Elevation: 14.87 (ft, msl)	Sampling Method: Disposable Bailer
Depth to Water: 5.94 (ft)	Lab Analysis: TPH-g/BTEX/VOCs
Groundwater Elevation: 8.93 (ft)	Preservatives: Ice/HCL
Well Bottom Depth: -0.13 (ft)	# of Containers: 6
Water Column Height: 9.06 (ft)	Sampling Personnel: JWJ
Well Casing Volume: 1.45 (WC* 0.16)	Weather Conditions: Partly cloudy / Cool
Casing Volumes Purged:	
Purge Rate:	Well Diameter: 2"

Time	Volume Removed (gal)	pH	Specific Conductivity (µmhos/cm)	Redox Potential (mVolts)	Temperature (°F or °C)	Turbidity (Visual)
16:05	0	10.58	1.154	—	21.9	clear
16:09	1.5	10.42	1.154	—	22.42	clear
16:14	3.0	10.45	1.159	—	22.1	clear
16:18	4.5	10.44	1.167	—	22.0	clear
:				—		
:				—		
:				—		
:						
:						
:						
:						
:						

Field Notes:



FIELD SAMPLING DATA SHEET

Job Location: Former Lemoine Sausage Factory	Job #: 70-04578.00
630 29th Avenue	Date Purged: 9-14-06
Oakland, California	Purge Method: Disposable Bailer
Sampling Location: MW-12	Date & Time Sampled: 9-14-06 1555
Top of Casing Elevation: 14.05 (ft, msl)	Sampling Method: Disposable Bailer
Depth to Water: 5.86 (ft)	Lab Analysis: TPH-g/BTEX/VOCs
Groundwater Elevation: 8.19 (ft)	Preservatives: Ice/HCL
Well Bottom Depth: -0.95 (ft)	# of Containers: 6
Water Column Height: 9.14 (ft)	Sampling Personnel: JWV
Well Casing Volume: 1.46 (WC* 0.16)	Weather Conditions: partly cloudy/cool
Casing Volumes Purged:	
Purge Rate:	Well Diameter: 2"

Time	Volume Removed (gal)	pH	Specific Conductivity (µmhos/cm)	Redox Potential (mVolts)	Temperature (°F or °C)	Turbidity (Visual)
15:40	0.5	10.24	1,213	—	22.0	clear
15:44	1.5	10.30	1,205	—	22.2	clear
15:48	3.0	10.27	1,212	—	22.1	clear
15:52	4.5	10.29	1,214	—	22.2	clear
:				—		
:				—		
:						
:						
:						
:						
:						
:						

Field Notes:
No odor



FIELD SAMPLING DATA SHEET

Job Location:	Former Lemoine Sausage Factory	Job #:	70-04578.00
	630 29th Avenue	Date Purged:	9-14-00
	Oakland, California	Purge Method:	Disposable Bailer
Sampling Location:	MW-13	Date & Time Sampled:	9-14-00 1515
Top of Casing Elevation:	13.39 (ft, msl)	Sampling Method:	Disposable Bailer
Depth to Water:	6.03 (ft)	Lab Analysis:	TPH-g/BTEX/VOCs
Groundwater Elevation:	7.36 (ft)	Preservatives:	Ice/HCL
Well Bottom Depth:	-1.61 (ft)	# of Containers:	6
Water Column Height:	8.97 (ft)	Sampling Personnel:	JWV
Well Casing Volume:	1.44 (WC* 0.16)	Weather Conditions:	Partly cloudy/cool
Casing Volumes Purged:			
Purge Rate:		Well Diameter:	2"

Time	Volume Removed (gal)	pH	Specific Conductivity (µmhos/cm)	Redox Potential (mVolts)	Temperature (°F or °C)	Turbidity (Visual)
15:00	0	10.02	0.817	—	23.3	clear
15:04	1.5	10.11	0.821	—	23.6	clear
15:08	3.0	10.06	0.830	—	23.5	clear
15:12	4.5	10.18	0.825	—	23.4	clear
:				—		
:				—		
:				—		
:						
:						
:						
:						
:						

Field Notes:
~~No odor~~ Slight petroleum odor



**BUREAU
VERITAS**

APPENDIX B

**CHAIN-OF-CUSTODY DOCUMENTATION AND CERTIFIED
ANALYTICAL REPORTS**



A N A L Y T I C A L R E P O R T

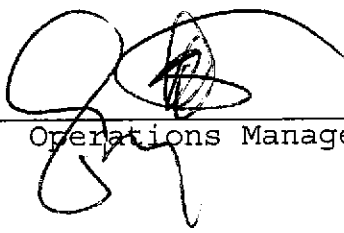
Prepared for:

Clayton Group Services
6920 Koll Center Parkway
Suite 216
Pleasanton, CA 94566

Date: 30-SEP-06
Lab Job Number: 189441
Project ID: 70-04578.00
Location: Sausage Factory

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis.

Reviewed by: 
Project Manager

Reviewed by: 
Operations Manager

This package may be reproduced only in its entirety.

CASE NARRATIVE

Laboratory number: 189441
Client: Clayton Group Services
Project: 70-04578.00
Location: Sausage Factory
Request Date: 09/15/06
Samples Received: 09/14/06

This hardcopy data package contains sample and QC results for ten water samples, requested for the above referenced project on 09/15/06. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B and EPA 8021B):

Response exceeding the instrument's linear range was observed for trifluorotoluene (PID) in MW-13 (lab # 189441-010); affected data was qualified with "b". The surrogate coelutes with the sample matrix. High surrogate recoveries were observed for bromofluorobenzene (FID) and trifluorotoluene (PID) in MW-13 (lab # 189441-010); the corresponding trifluorotoluene (FID) surrogate recovery was within limits. The surrogate coelutes with the sample matrix. No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):

Freon 113 was detected above the RL in the method blank for batch 117698; this analyte was not detected in samples at or above the RL. No other analytical problems were encountered.

Curtis & Tompkins Laboratories Analytical Report

Lab #:	189441	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00		
Matrix:	Water	Sampled:	09/14/06
Units:	ug/L	Received:	09/14/06
Batch#:	117445		

Field ID:	MW-01	Diln Fac:	20.00
Type:	SAMPLE	Analyzed:	09/15/06
Lab ID:	189441-001		

Analyte	Result	RL	Analysis
Gasoline C7-C12	13,000	1,000	EPA 8015B
Benzene	2,300	10	EPA 8021B
Toluene	320	10	EPA 8021B
Ethylbenzene	450	10	EPA 8021B
m,p-Xylenes	690	10	EPA 8021B
o-Xylene	180	10	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	108	69-137	EPA 8015B
Bromofluorobenzene (FID)	96	80-133	EPA 8015B
Trifluorotoluene (PID)	105	64-132	EPA 8021B
Bromofluorobenzene (PID)	99	80-120	EPA 8021B

Field ID:	MW-02	Diln Fac:	500.0
Type:	SAMPLE	Analyzed:	09/15/06
Lab ID:	189441-002		

Analyte	Result	RL	Analysis
Gasoline C7-C12	50,000	25,000	EPA 8015B
Benzene	11,000	250	EPA 8021B
Toluene	470	250	EPA 8021B
Ethylbenzene	1,200	250	EPA 8021B
m,p-Xylenes	1,900	250	EPA 8021B
o-Xylene	430 C	250	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	95	69-137	EPA 8015B
Bromofluorobenzene (FID)	101	80-133	EPA 8015B
Trifluorotoluene (PID)	100	64-132	EPA 8021B
Bromofluorobenzene (PID)	107	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
 b= See narrative
 ND= Not Detected
 RL= Reporting Limit
 LR= Response exceeds instrument's linear range

Curtis & Tompkins Laboratories Analytical Report

Lab #:	189441	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00		
Matrix:	Water	Sampled:	09/14/06
Units:	ug/L	Received:	09/14/06
Batch#:	117445		

Field ID:	MW-06	Diln Fac:	1.000
Type:	SAMPLE	Analyzed:	09/15/06
Lab ID:	189441-003		

Analyte	Result	RL	Analysis
Gasoline C7-C12	57	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)	87	69-137	EPA 8015B
Bromofluorobenzene (FID)	93	80-133	EPA 8015B
Trifluorotoluene (PID)	91	64-132	EPA 8021B
Bromofluorobenzene (PID)	100	80-120	EPA 8021B

Field ID:	MW-07	Diln Fac:	1.000
Type:	SAMPLE	Analyzed:	09/15/06
Lab ID:	189441-004		

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)	80	69-137	EPA 8015B
Bromofluorobenzene (FID)	87	80-133	EPA 8015B
Trifluorotoluene (PID)	78	64-132	EPA 8021B
Bromofluorobenzene (PID)	90	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
 b= See narrative
 ND= Not Detected
 RL= Reporting Limit
 LR= Response exceeds instrument's linear range

Curtis & Tompkins Laboratories Analytical Report

Lab #:	189441	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00		
Matrix:	Water	Sampled:	09/14/06
Units:	ug/L	Received:	09/14/06
Batch#:	117445		

Field ID:	MW-08	Diln Fac:	1.000
Type:	SAMPLE	Analyzed:	09/15/06
Lab ID:	189441-005		

Analyte	Result	RL	Analysis
Gasoline C7-C12	1,600	50	EPA 8015B
Benzene	120	0.50	EPA 8021B
Toluene	ND	0.50	EPA 8021B
Ethylbenzene	42	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)	101	69-137	EPA 8015B
Bromofluorobenzene (FID)	112	80-133	EPA 8015B
Trifluorotoluene (PID)	120	64-132	EPA 8021B
Bromofluorobenzene (PID)	110	80-120	EPA 8021B

Field ID:	MW-09	Diln Fac:	50.00
Type:	SAMPLE	Analyzed:	09/15/06
Lab ID:	189441-006		

Analyte	Result	RL	Analysis
Gasoline C7-C12	49,000	2,500	EPA 8015B
Benzene	13,000	25	EPA 8021B
Toluene	620	25	EPA 8021B
Ethylbenzene	1,000	25	EPA 8021B
m,p-Xylenes	3,200	25	EPA 8021B
o-Xylene	480	25	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	100	69-137	EPA 8015B
Bromofluorobenzene (FID)	96	80-133	EPA 8015B
Trifluorotoluene (PID)	105	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
 b= See narrative
 ND= Not Detected
 RL= Reporting Limit
 LR= Response exceeds instrument's linear range



Curtis & Tompkins Laboratories Analytical Report

Lab #:	189441	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00		
Matrix:	Water	Sampled:	09/14/06
Units:	ug/L	Received:	09/14/06
Batch#:	117445		

Field ID:	MW-10	Diln Fac:	1.000
Type:	SAMPLE	Analyzed:	09/15/06
Lab ID:	189441-007		

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)	87	69-137	EPA 8015B
Bromofluorobenzene (FID)	99	80-133	EPA 8015B
Trifluorotoluene (PID)	85	64-132	EPA 8021B
Bromofluorobenzene (PID)	96	80-120	EPA 8021B

Field ID:	MW-11	Diln Fac:	1.000
Type:	SAMPLE	Analyzed:	09/15/06
Lab ID:	189441-008		

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)	86	69-137	EPA 8015B
Bromofluorobenzene (FID)	90	80-133	EPA 8015B
Trifluorotoluene (PID)	89	64-132	EPA 8021B
Bromofluorobenzene (PID)	98	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
b= See narrative
ND= Not Detected
RL= Reporting Limit
LR= Response exceeds instrument's linear range

Curtis & Tompkins Laboratories Analytical Report

Lab #:	189441	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00		
Matrix:	Water	Sampled:	09/14/06
Units:	ug/L	Received:	09/14/06
Batch#:	117445		

Field ID:	MW-12	Diln Fac:	1.000
Type:	SAMPLE	Analyzed:	09/16/06
Lab ID:	189441-009		

Analyte	Result	RL	Analysis
Gasoline C7-C12	81 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)	91	69-137	EPA 8015B
Bromofluorobenzene (FID)	98	80-133	EPA 8015B
Trifluorotoluene (PID)	103	64-132	EPA 8021B
Bromofluorobenzene (PID)	103	80-120	EPA 8021B

Field ID:	MW-13	Diln Fac:	1.000
Type:	SAMPLE	Analyzed:	09/15/06
Lab ID:	189441-010		

Analyte	Result	RL	Analysis
Gasoline C7-C12	2,000	50	EPA 8015B
Benzene	ND	0.50	EPA 8021B
Toluene	ND	0.50	EPA 8021B
Ethylbenzene	64 C	0.50	EPA 8021B
m,p-Xylenes	ND	0.50	EPA 8021B
o-Xylene	38 C	0.50	EPA 8021B

Surrogate	%REC	Limits	Analysis
Trifluorotoluene (FID)	91	69-137	EPA 8015B
Bromofluorobenzene (FID)	166 *	80-133	EPA 8015B
Trifluorotoluene (PID)	1833 * >LR b	64-132	EPA 8021B
Bromofluorobenzene (PID)	105	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
 b= See narrative
 ND= Not Detected
 RL= Reporting Limit
 LR= Response exceeds instrument's linear range



Curtis & Tompkins Laboratories Analytical Report

Lab #:	189441	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00		
Matrix:	Water	Sampled:	09/14/06
Units:	ug/L	Received:	09/14/06
Batch#:	117445		

Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC356154	Analyzed:	09/15/06

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)	93	69-137	EPA 8015B
Bromofluorobenzene (FID)	100	80-133	EPA 8015B
Trifluorotoluene (PID)	98	64-132	EPA 8021B
Bromofluorobenzene (PID)	106	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

b= See narrative

ND= Not Detected

RL= Reporting Limit

LR= Response exceeds instrument's linear range

Chromatogram

Sample Name : 189441-001,117445,20x,tvh & btxe

Sample #: a7.0

Page 1 of 1

File Name : G:\GC05\DATA\258G007.raw

Date : 9/15/06 07:04 PM

Method : TVHBTXE

Time of Injection: 9/15/06 06:39 PM

Start Time : 0.00 min

End Time : 25.00 min

Low Point : 1.67 mV

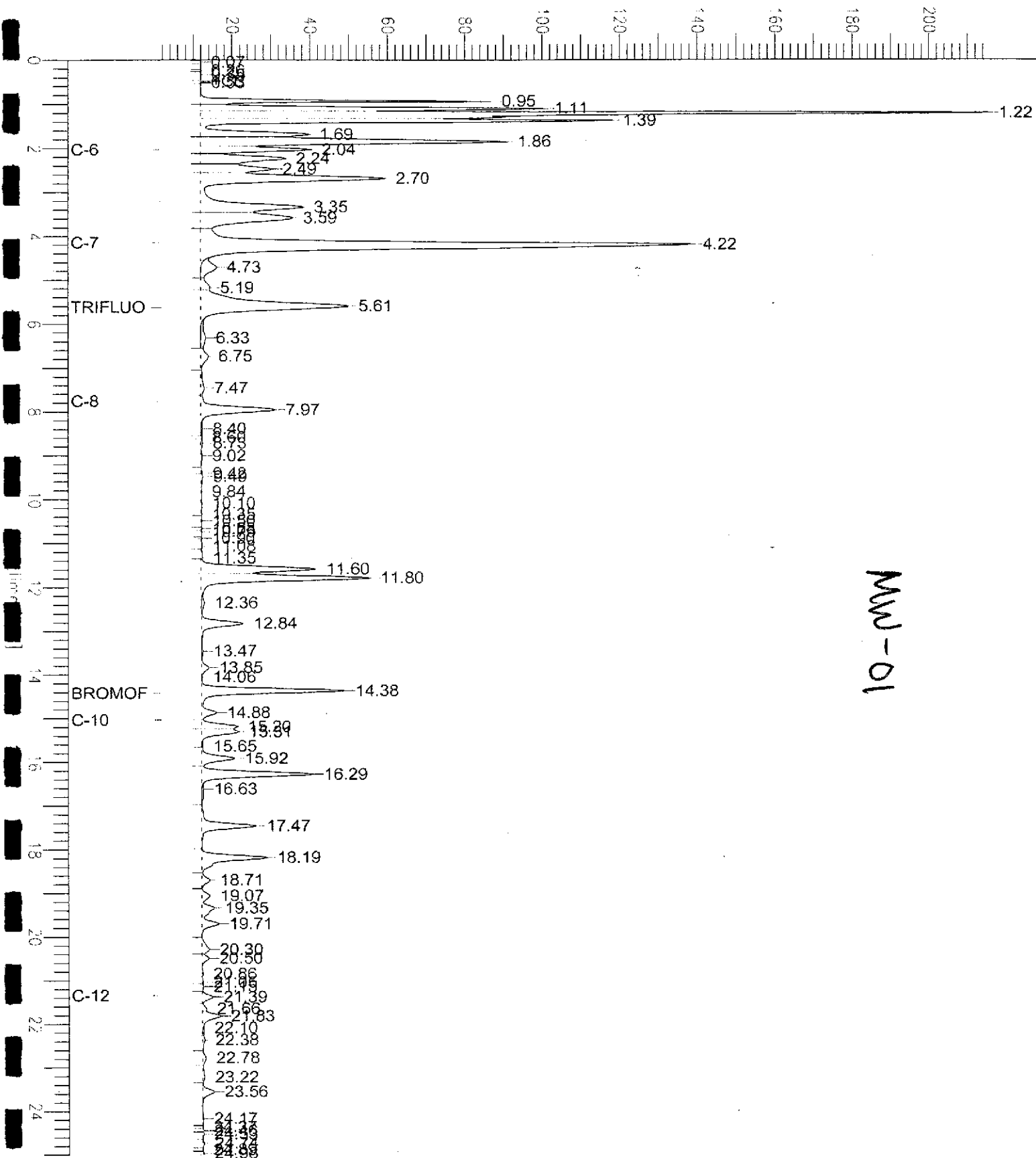
High Point : 215.43 mV

Scale Factor: 1.0

Plot Offset: 2 mV

Plot Scale: 213.8 mV

Response [mV]

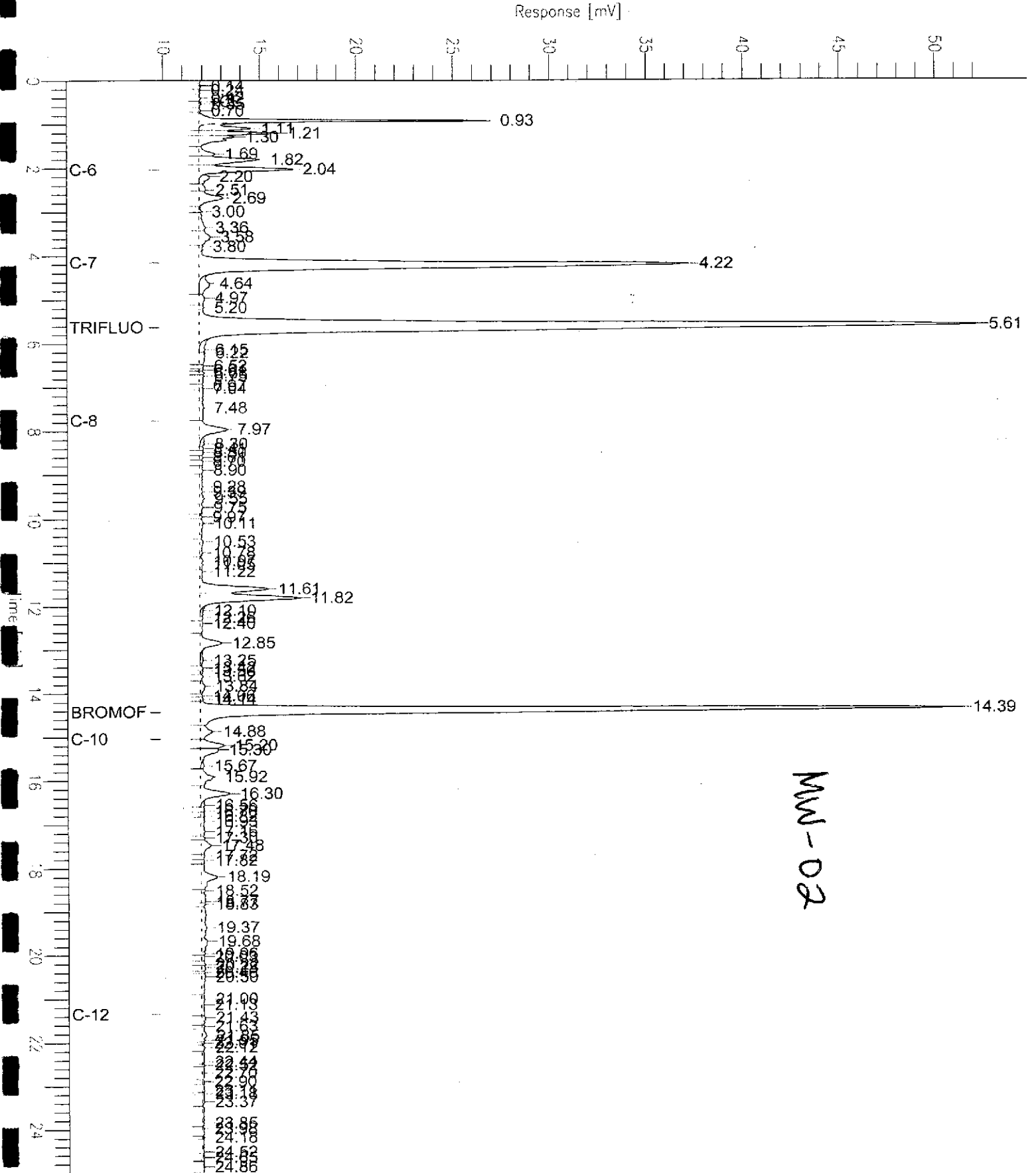


NW-01

Chromatogram

Sample Name : 189441-002,117445,500x,tvh & btxe
File Name : G:\GC05\DATA\258G005.raw
Method : TVHBTXE
Start Time : 0.00 min
Scale Factor : 1.0

Sample #: a7.0
Date : 9/15/06 06:01 PM
Time of Injection: 9/15/06 05:36 PM
Low Point : 9.80 mV
High Point : 52.27 mV
Plot Scale: 42.5 mV



Chromatogram

Sample Name : 189441-003,117445,tvh & btxe

Sample #: a7.0

Page 1 of 1

FileName : G:\GC05\DATA\2598009.raw

Date : 9/15/06 08:08 PM

Method : TVHBTXE

Time of Injection: 9/15/06 07:42 PM

Start Time : 0.00 min End Time : 25.00 min

Low Point : 7.25 mV

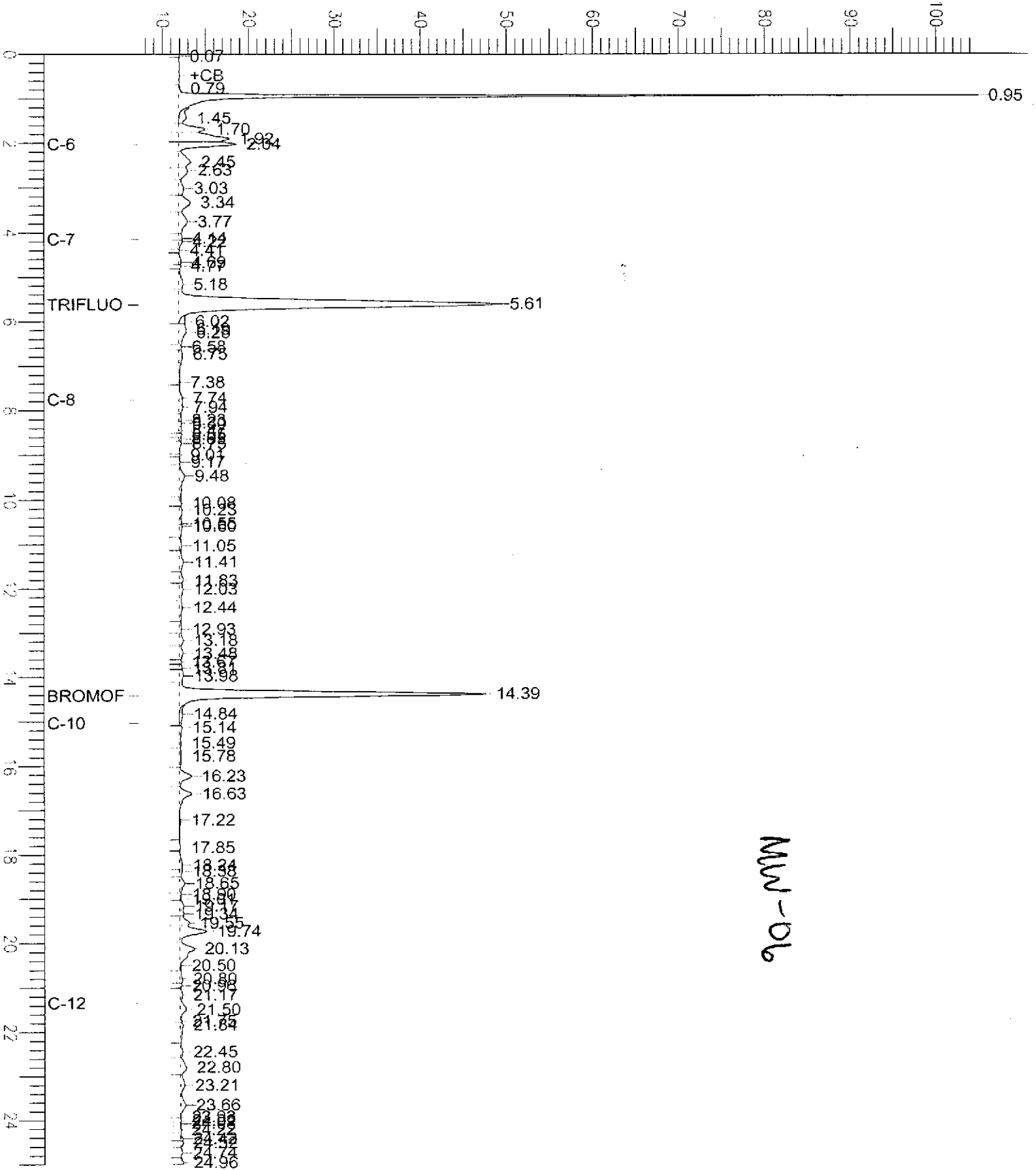
High Point : 104.95 mV

Scale Factor: 1.0

Plot Offset: 7 mV

Plot Scale: 97.7 mV

Response [mV]



MW-06

Chromatogram

Sample Name : 189441-005,117445,lvh & btxe

Sample #: a7.0

Page 1 of 1

File Name : G:\GC05\DATA\258G011.raw

Date : 9/18/06 03:45 PM

Method : TVHBTXE

Time of Injection: 9/15/06 08:46 PM

Start Time : 0.00 min

End Time : 25.00 min

Low Point : -35.97 mV

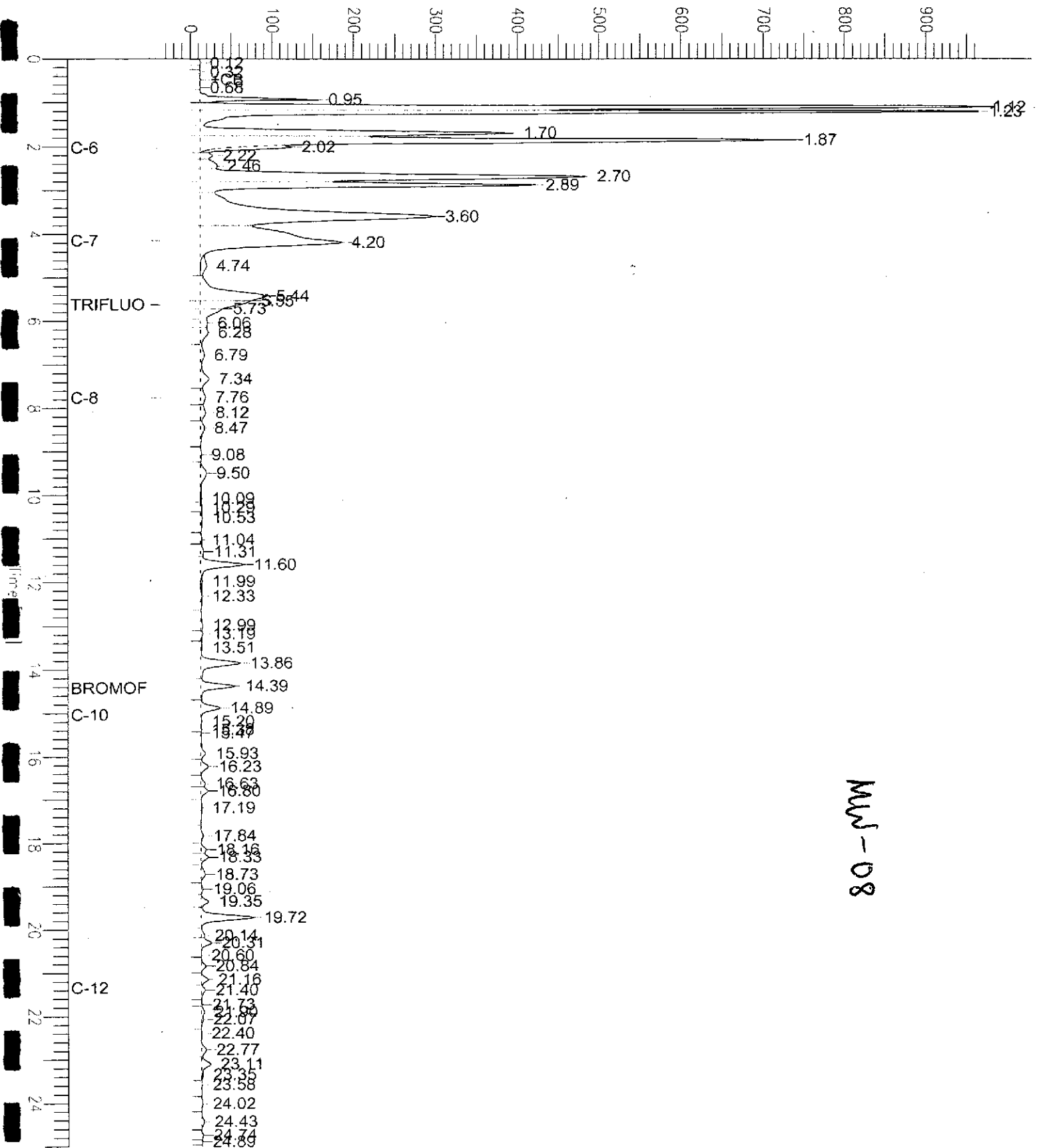
High Point : 969.32 mV

Scale Factor: 1.0

Plot Offset: -36 mV

Plot Scale: 1005.3 mV

Response [mV]



MW-08

Chromatogram

Sample Name : 189441-006,117445,50x,tvh & btxe

Sample #: a7.0

Page 1 of 1

File Name : G:\GC05\DATA\258G006.raw

Date : 9/15/06 06:33 PM

Method : TVHBTXE

Time of Injection: 9/15/06 06:07 PM

Start Time : 0.00 min

End Time : 25.00 min

Low Point : -2.26 mV

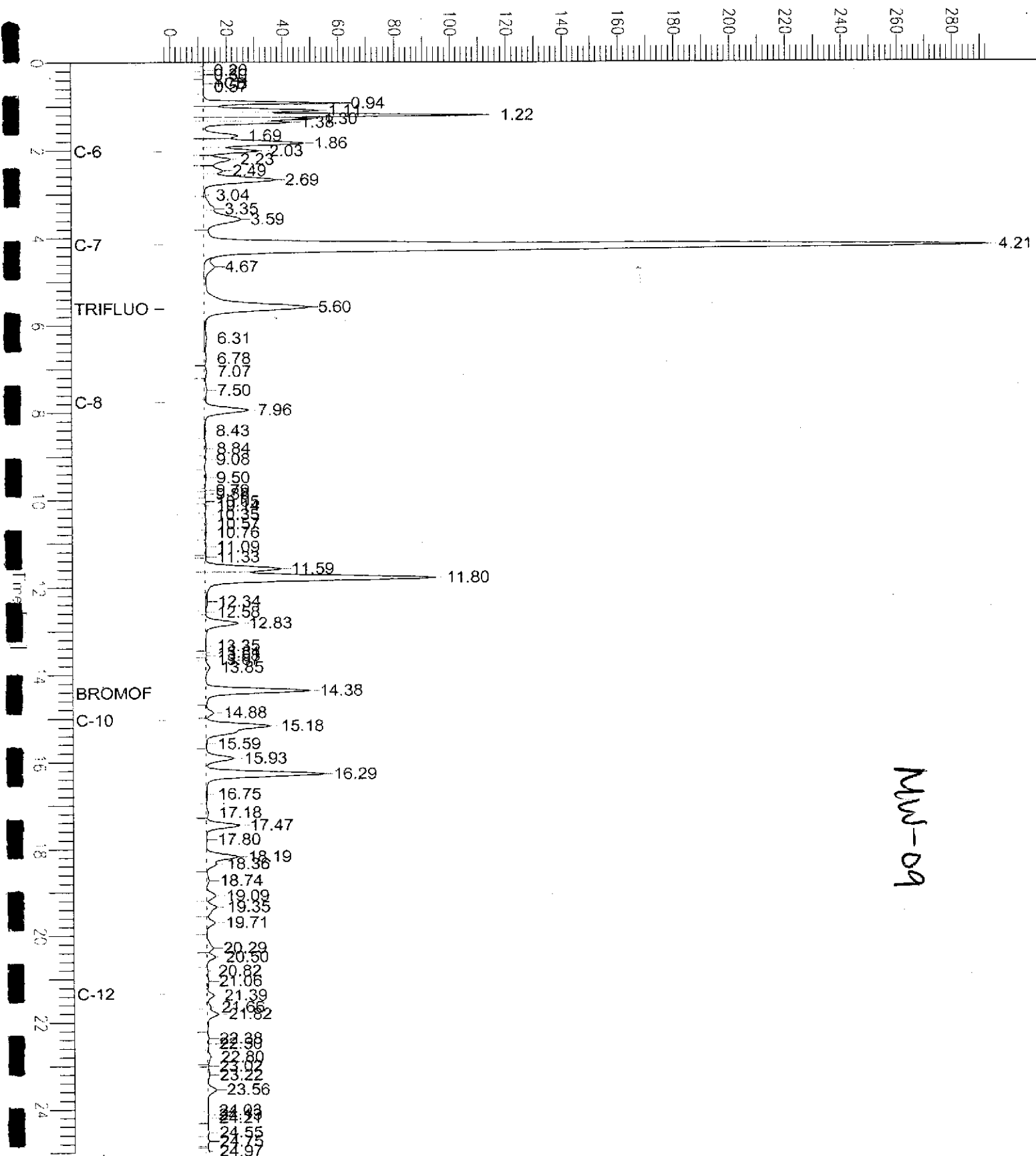
High Point : 293.16 mV

Scale Factor: 1.0

Plot Offset: -2 mV

Plot Scale: 295.4 mV

Response [mV]



NWS-09

Chromatogram

Sample Name : 189441-009,117445,tvh & btxe

Sample #: a7.0

Page 1 of 1

File Name : G:\GC05\DATA\258G018.raw

Date : 9/16/06 12:54 AM

Method : TVHBTXE

Time of Injection: 9/16/06 12:28 AM

Start Time : 0.00 min

End Time : 25.00 min

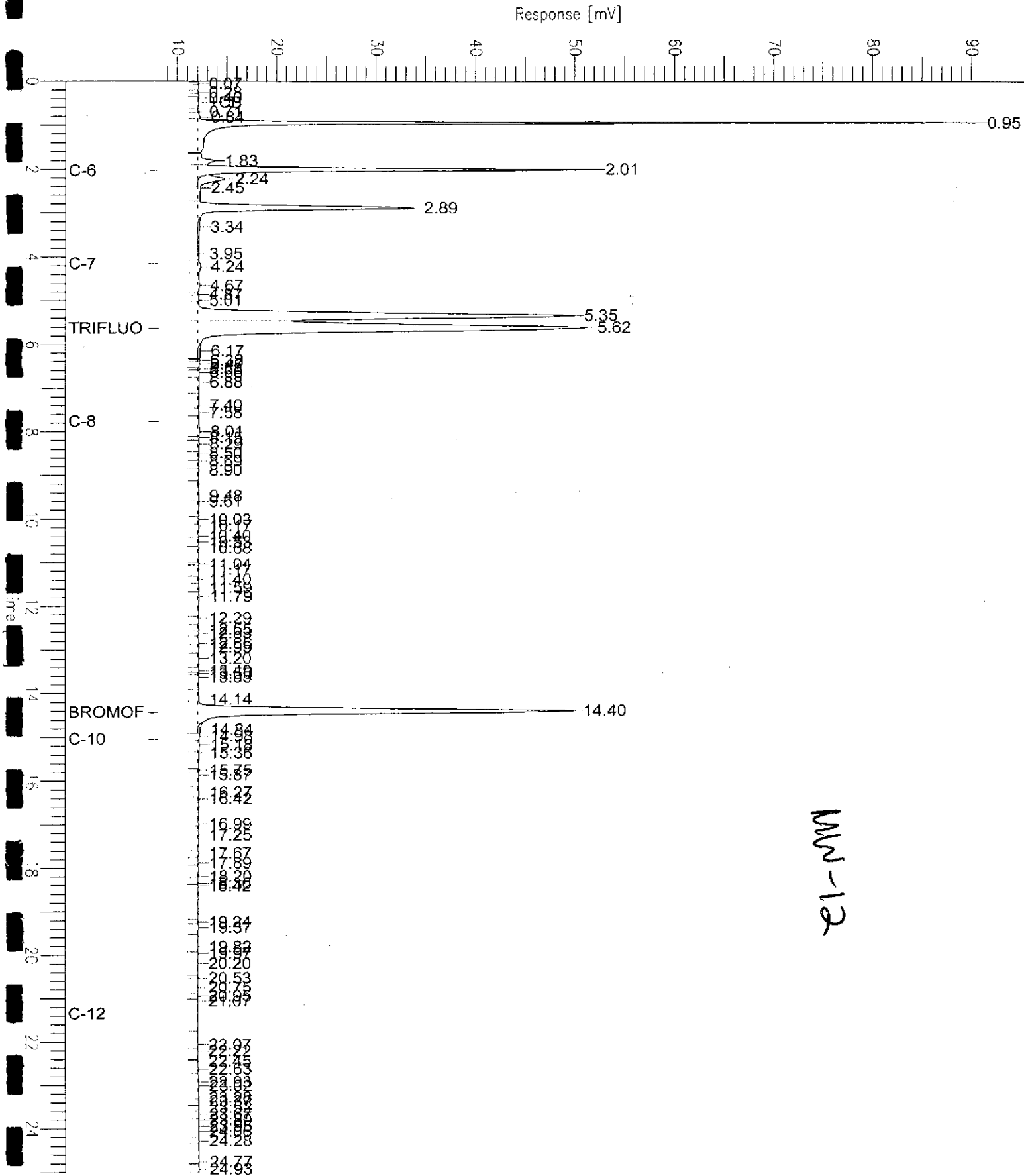
Low Point : 8.11 mV

High Point : 90.58 mV

Scale Factor: 1.0

Plot Offset: 8 mV

Plot Scale: 82.5 mV



Chromatogram

Sample Name : 189441-010,117445,tvh & btxe

Sample #: a7.0

Page 1 of 1

FileName : G:\GC05\DATA\258G008.raw

Date : 9/18/06 02:46 PM

Method : TVHBTXE

Time of Injection: 9/15/06 07:11 PM

Start Time : 0.00 min

End Time : 25.00 min

Low Point : 2.74 mV

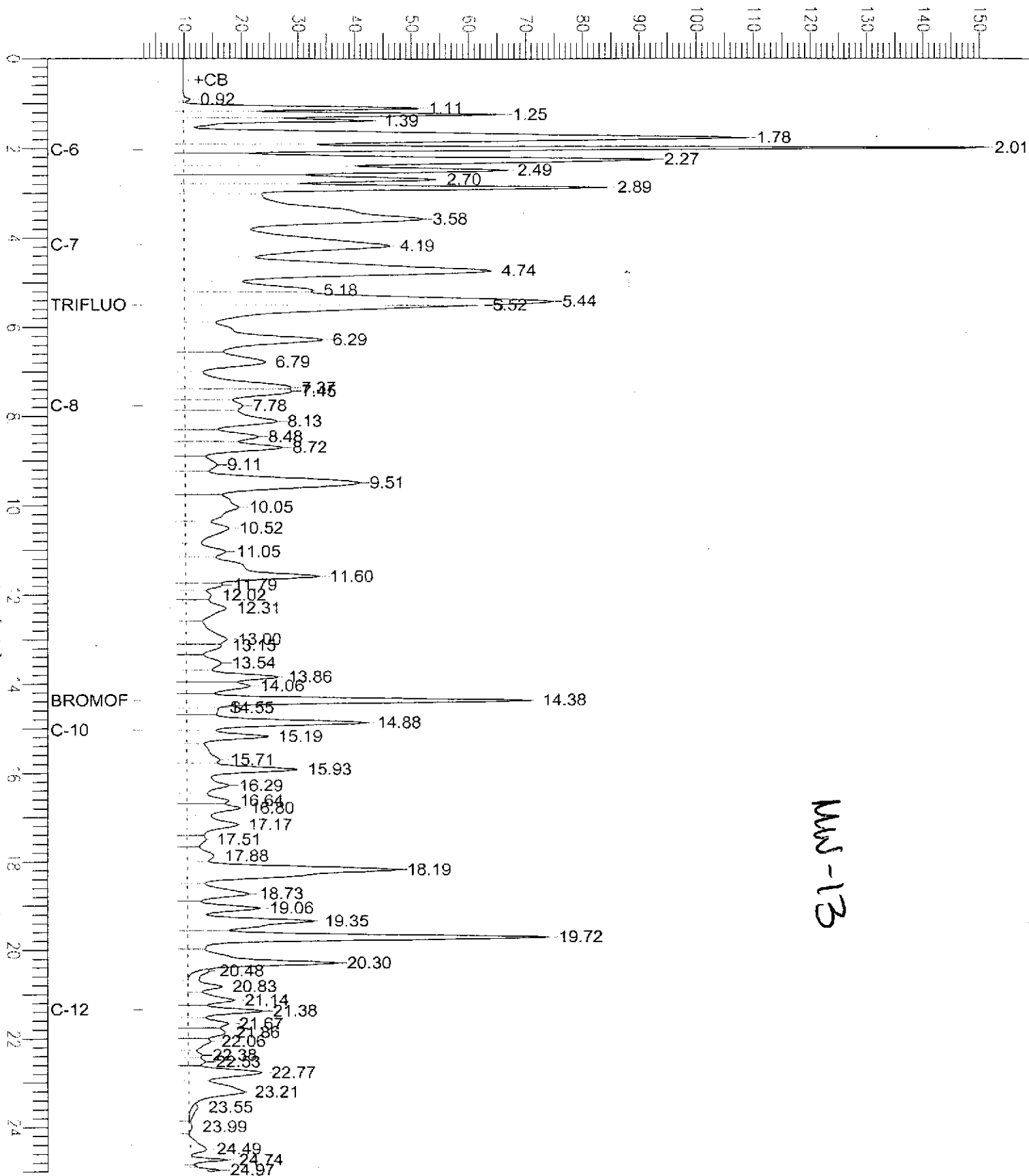
High Point : 150.86 mV

Scale Factor: 1.0

Plot Offset: 3 mV

Plot Scale: 148.1 mV

Response [mV]



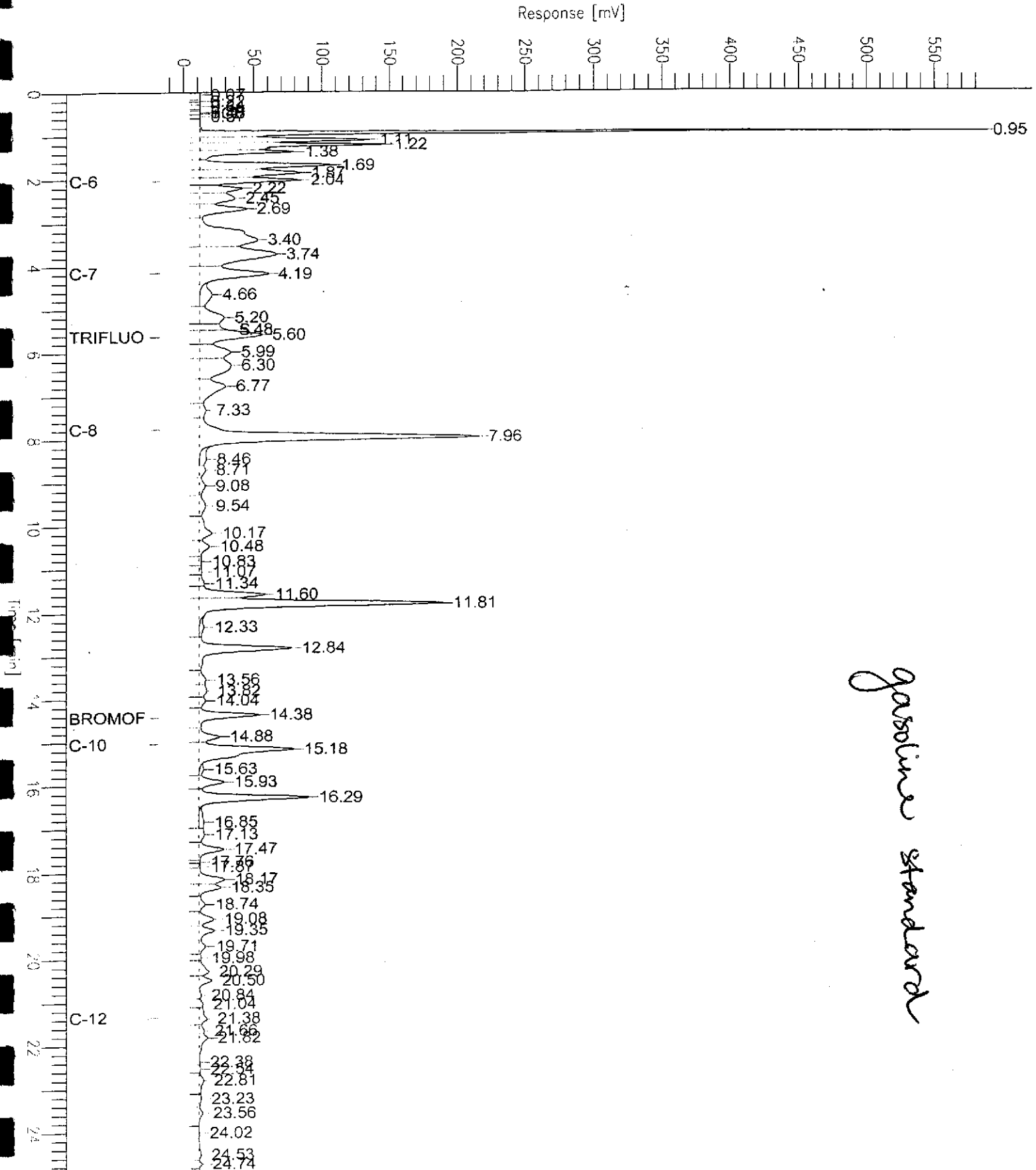
MS-13

Chromatogram

Sample Name : ccv/lcs,gc356156,117445,s4266,5/5000
File Name : G:\GC05\DATA\258G003.raw
Method : TVHBTXE
Start Time : 0.00 min
Scale Factor : 1.0

Sample # :
Date : 9/18/06 02:32 PM
Time of Injection : 9/15/06 02:09 PM
Low Point : -16.79 mV
Plot Scale : 602.3 mV

Page 1 of 1



Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	189441	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8021B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC356155	Batch#:	117445
Matrix:	Water	Analyzed:	09/15/06
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Benzene	20.00	18.80	94	80-120
Toluene	20.00	19.48	97	80-120
Ethylbenzene	20.00	20.28	101	80-120
m,p-Xylenes	20.00	22.53	113	80-120
o-Xylene	20.00	20.82	104	80-120

Surrogate	%REC	Limits
Trifluorotoluene (PID)	104	64-132
Bromofluorobenzene (PID)	115	80-120



Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	189441	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC356156	Batch#:	117445
Matrix:	Water	Analyzed:	09/15/06
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	2,053	103	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	109	69-137
Bromofluorobenzene (FID)	118	80-133



Batch QC Report

Curtis & Tompkins Laboratories Analytical Report

Lab #:	189441	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	117445
MSS Lab ID:	189424-001	Sampled:	09/14/06
Matrix:	Water	Received:	09/15/06
Units:	ug/L	Analyzed:	09/16/06
Gain Fac:	1.000		

Type: MS Lab ID: QC356209

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	74.42	2,000	1,999	96	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	117	69-137
Bromofluorobenzene (FID)	100	80-133

Type: MSD Lab ID: QC356210

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,939	93	80-120	3	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	115	69-137
Bromofluorobenzene (FID)	97	80-133

RPD= Relative Percent Difference

Purgeable Halocarbons by GC/MS

Lab #:	189441	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8260B
Field ID:	MW-01	Batch#:	117698
Lab ID:	189441-001	Sampled:	09/14/06
Matrix:	Water	Received:	09/14/06
Units:	ug/L	Analyzed:	09/22/06
Diln Fac:	8.333		

Analyte	Result	RL
Chloromethane	ND	8.3
Vinyl Chloride	ND	4.2
Bromomethane	ND	8.3
Chloroethane	ND	8.3
Trichlorofluoromethane	ND	8.3
Freon 113	ND	4.2
1,1-Dichloroethene	ND	4.2
Methylene Chloride	ND	170
trans-1,2-Dichloroethene	ND	4.2
1,1-Dichloroethane	ND	4.2
cis-1,2-Dichloroethene	ND	4.2
Chloroform	ND	8.3
1,1,1-Trichloroethane	ND	4.2
Carbon Tetrachloride	ND	4.2
1,2-Dichloroethane	ND	4.2
Trichloroethene	ND	4.2
1,2-Dichloropropane	ND	4.2
Bromodichloromethane	ND	4.2
cis-1,3-Dichloropropene	ND	4.2
trans-1,3-Dichloropropene	ND	4.2
1,1,2-Trichloroethane	ND	4.2
Tetrachloroethene	ND	4.2
Dibromochloromethane	ND	4.2
Chlorobenzene	ND	4.2
Bromoform	ND	4.2
1,1,2,2-Tetrachloroethane	ND	4.2
1,3-Dichlorobenzene	ND	4.2
1,4-Dichlorobenzene	ND	4.2
1,2-Dichlorobenzene	ND	4.2

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	90	80-130
Toluene-d8	96	80-120
Bromofluorobenzene	98	80-122

ND= Not Detected

RL= Reporting Limit

Purgeable Halocarbons by GC/MS

Lab #:	189441	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8260B
Field ID:	MW-02	Batch#:	117743
Lab ID:	189441-002	Sampled:	09/14/06
Matrix:	Water	Received:	09/14/06
Units:	ug/L	Analyzed:	09/24/06
Diln Fac:	20.00		

Analyte	Result	RL
Chloromethane	ND	20
Vinyl Chloride	ND	10
Bromomethane	ND	20
Chloroethane	ND	20
Trichlorofluoromethane	ND	20
Freon 113	ND	10
1,1-Dichloroethene	ND	10
Methylene Chloride	ND	400
trans-1,2-Dichloroethene	ND	10
1,1-Dichloroethane	ND	10
cis-1,2-Dichloroethene	ND	10
Chloroform	ND	20
1,1,1-Trichloroethane	ND	10
Carbon Tetrachloride	ND	10
1,2-Dichloroethane	ND	10
Trichloroethene	ND	10
1,2-Dichloropropane	ND	10
Bromodichloromethane	ND	10
cis-1,3-Dichloropropene	ND	10
trans-1,3-Dichloropropene	ND	10
1,1,2-Trichloroethane	ND	10
Tetrachloroethene	ND	10
Dibromochloromethane	ND	10
Chlorobenzene	ND	10
Bromoform	ND	10
1,1,2,2-Tetrachloroethane	ND	10
1,3-Dichlorobenzene	ND	10
1,4-Dichlorobenzene	ND	10
1,2-Dichlorobenzene	ND	10

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	115	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	105	80-122

ND= Not Detected
 RL= Reporting Limit

Purgeable Halocarbons by GC/MS

Lab #:	189441	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8260B
Field ID:	MW-06	Batch#:	117698
Lab ID:	189441-003	Sampled:	09/14/06
Matrix:	Water	Received:	09/14/06
Units:	ug/L	Analyzed:	09/22/06
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	98	80-130
Toluene-d8	97	80-120
Bromofluorobenzene	101	80-122

ND= Not Detected
 RL= Reporting Limit

Purgeable Halocarbons by GC/MS

Lab #:	189441	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8260B
Field ID:	MW-07	Batch#:	117698
Lab ID:	189441-004	Sampled:	09/14/06
Matrix:	Water	Received:	09/14/06
Units:	ug/L	Analyzed:	09/22/06
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	97	80-130
Toluene-d8	98	80-120
Bromofluorobenzene	104	80-122

ND= Not Detected
 RL= Reporting Limit



Purgeable Halocarbons by GC/MS

Lab #:	189441	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8260B
Field ID:	MW-08	Batch#:	117698
Lab ID:	189441-005	Sampled:	09/14/06
Matrix:	Water	Received:	09/14/06
Units:	ug/L	Analyzed:	09/22/06
Diln Fac:	12.50		

Analyte	Result	RL
Chloromethane	ND	13
Vinyl Chloride	43	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	37	6.3
1,1-Dichloroethane	ND	6.3
cis-1,2-Dichloroethene	800	6.3
Chloroform	ND	13
1,1,1-Trichloroethane	ND	6.3
Carbon Tetrachloride	ND	6.3
1,2-Dichloroethane	ND	6.3
Trichloroethene	7.6	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	97	80-130
Toluene-d8	94	80-120
Bromofluorobenzene	99	80-122

ND= Not Detected

RL= Reporting Limit



Purgeable Halocarbons by GC/MS

Lab #:	189441	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8260B
Field ID:	MW-09	Batch#:	117743
Lab ID:	189441-006	Sampled:	09/14/06
Matrix:	Water	Received:	09/14/06
Units:	ug/L	Analyzed:	09/24/06
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	110	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	101	80-122

ND= Not Detected

RL= Reporting Limit

Purgeable Halocarbons by GC/MS

Lab #:	189441	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8260B
Field ID:	MW-10	Batch#:	117698
Lab ID:	189441-007	Sampled:	09/14/06
Matrix:	Water	Received:	09/14/06
Units:	ug/L	Analyzed:	09/22/06
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	96	80-130
Toluene-d8	99	80-120
Bromofluorobenzene	103	80-122

ND= Not Detected
 RL= Reporting Limit



Purgeable Halocarbons by GC/MS

Lab #:	189441	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8260B
Field ID:	MW-11	Batch#:	117743
Lab ID:	189441-008	Sampled:	09/14/06
Matrix:	Water	Received:	09/14/06
Units:	ug/L	Analyzed:	09/24/06
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	120	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	106	80-122

D= Not Detected

L= Reporting Limit

Purgeable Halocarbons by GC/MS

Lab #:	189441	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8260B
Field ID:	MW-12	Batch#:	117743
Lab ID:	189441-009	Sampled:	09/14/06
Matrix:	Water	Received:	09/14/06
Units:	ug/L	Analyzed:	09/24/06
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	47	1.0
1,1-Dichloroethane	ND	1.0
cis-1,2-Dichloroethene	41	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	110	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	113	80-130
Toluene-d8	99	80-120
Bromofluorobenzene	101	80-122

ND= Not Detected
 RL= Reporting Limit

Purgeable Halocarbons by GC/MS

Lab #:	189441	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8260B
Field ID:	MW-13	Batch#:	117743
Lab ID:	189441-010	Sampled:	09/14/06
Matrix:	Water	Received:	09/14/06
Units:	ug/L	Analyzed:	09/24/06
Diln Fac:	1.667		

Analyte	Result	RL
Chloromethane	ND	1.7
Vinyl Chloride	17	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	93	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	15	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	114	80-130
Toluene-d8	100	80-120
Bromofluorobenzene	97	80-122

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	189441	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC357153	Batch#:	117698
Matrix:	Water	Analyzed:	09/22/06
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	1.9	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	96	80-130
Toluene-d8	96	80-120
Bromofluorobenzene	101	80-122

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	189441	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC357154	Batch#:	117698
Matrix:	Water	Analyzed:	09/22/06
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	94	80-130
Toluene-d8	97	80-120
Bromofluorobenzene	101	80-122

ND= Not Detected
 RL= Reporting Limit

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	189441	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC357358	Batch#:	117743
Matrix:	Water	Analyzed:	09/23/06
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	109	80-130
Toluene-d8	101	80-120
Bromofluorobenzene	103	80-122

D= Not Detected
 L= Reporting Limit

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	189441	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC357152	Batch#:	117698
Matrix:	Water	Analyzed:	09/22/06
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	25.99	104	77-128
Trichloroethene	25.00	24.16	97	80-120
Chlorobenzene	25.00	25.69	103	80-120

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	87	80-130
Toluene-d8	95	80-120
Bromofluorobenzene	92	80-122

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	189441	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	117743
Units:	ug/L	Analyzed:	09/23/06
Diln Fac:	1.000		

Type: BS Lab ID: QC357359

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	31.16	125	77-128
Trichloroethene	25.00	24.35	97	80-120
Chlorobenzene	25.00	24.50	98	80-120

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	109	80-130
Toluene-d8	102	80-120
Bromofluorobenzene	99	80-122

Type: BSD Lab ID: QC357360

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	30.31	121	77-128	3	20
Trichloroethene	25.00	23.68	95	80-120	3	20
Chlorobenzene	25.00	23.29	93	80-120	5	20

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	107	80-130
Toluene-d8	102	80-120
Bromofluorobenzene	100	80-122

RPD= Relative Percent Difference

Batch QC Report

Purgeable Halocarbons by GC/MS

Lab #:	189441	Location:	Sausage Factory
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-04578.00	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	117698
MSS Lab ID:	189462-027	Sampled:	09/15/06
Matrix:	Water	Received:	09/15/06
Units:	ug/L	Analyzed:	09/23/06
Diln Fac:	1.000		

Type: MS Lab ID: QC357266

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.06158	25.00	29.49	118	77-129
Trichloroethene	0.8822	25.00	26.25	101	77-123
Chlorobenzene	<0.1078	25.00	24.50	98	80-120

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	98	80-130
Toluene-d8	103	80-120
Bromofluorobenzene	96	80-122

Type: MSD Lab ID: QC357267

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	28.17	113	77-129	5	20
Trichloroethene	25.00	24.52	95	77-123	7	20
Chlorobenzene	25.00	23.75	95	80-120	3	20

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	92	80-130
Toluene-d8	97	80-120
Bromofluorobenzene	96	80-122

RPD= Relative Percent Difference

189441



CHAIN OF CUSTODY

Page 1 of 1

Lab: Curtis and 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

Project Information

Project No.: 70-04578.00
 Name: Sausage Factory
 Location: 630 29th Ave, Oakland, CA

Special instructions and/or specific regulatory requirements:

Global Id T0600102114
 Log Code CGSP

Analyses Requested									
8021B for TPH-g/BIEX									
8260B for HVOCs									

Sample Identification	Date Sampled	Time Sampled	Matrix/Media	No. of Conts	8021B for TPH-g/BIEX	8260B for HVOCs	Sample Condition/Comments				Preservative
MW-01	9-14-06	1400	GW	6	X	X					
MW-02		1125		6							
MW-06		1440		6							
MW-07		1700		6							
MW-08		1235		6							
MW-09		1310		6							
MW-10		1340		6							
MW-11		1623		6							
MW-12		1555		6							
MW-13		1515		6							

1 Curtis
16 of 186
-10

Collected by: Jeremy Wilson

Collector's Signature:

Relinquished by: Date/Time 9-14-06 1800

Received by: Anna Fuzante Date/Time 9/14/06 1800

Relinquished by: _____ Date/Time _____

Received by: _____ Date/Time _____

Method of Shipment: _____

Sample Condition on Rcpt: _____