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By Alameda County Environmental Health 3:18 pm, Jul 15, 2015

Ms. Barbara Jakub
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway
Alameda, CA 9502-6577

Subject: Former Val Strough Chevrolet Site
327 34th Street, Oakland, CA
Site ID #3035, RO#0000134

Dear Ms. Jakub:

This enclosed report has been prepared by LRM Consulting, Inc. on behalf of the Strough Family Trust. I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

If you have any questions, please contact Mr. Mehrdad Javaherian of LRM Consulting, Inc. at 650-343-4633.

Sincerely,

Linda L. Strough, Trustee

cc: Mehrdad Javaherian, LRM Consulting, Inc.
534 Plaza Lane, #145, Burlingame, CA 94010

Greggory Brandt, Wendel Rosen Black & Dean
1111 Broadway, 24th Floor, Oakland, CA 94607

July 15, 2015

Karel Detterman, P.G.
Alameda County Health Services Agency (County)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Supplemental Groundwater, Soil Vapor and Soil Matrix Sampling In Support of Site Closure under Low Threat Closure Policy
Former Val Strough Chevrolet, 327 34th Street, Oakland, CA
RO00034

Ms. Detterman:

In response to the County's request during our meeting on Friday, March 6, 2015, LRM Consulting, Inc. (LRM) performed supplemental groundwater, soil matrix, and soil vapor sampling in support of the requested closure of the above-referenced site in concert with the state's Low Threat Closure Policy (LTCP) for petroleum hydrocarbon release sites. Specifically, per the direct request of the County, the following supplemental sampling was conducted in April 2015, in support of closure via the LTCP guidelines, and per the County-approved letter workplan:

- Collection of a final round of groundwater samples at wells MW2, MW9A, and DPE1, with sample analyses expanded to include the full suite of volatile organic compounds (VOCs) via EPA Method 8260B, and semi-volatile organic compounds (SVOCs) via EPA Method 8270.

- Collection of shallow soil samples (for total petroleum hydrocarbon as gasoline [TPH-g] and diesel [TPH-d]) at 3, 6, and 9 feet below ground surface (bgs) at soil borings SB-14 and SB-15 advanced in the immediate vicinity of monitoring wells MW2 and MW9A, respectively (see Figure 1).

- Collection of shallow soil vapor samples (for TO-15 and oxygen analyses) from 5 feet bgs at shallow soil vapor probes (VM-1 and VM-2) installed immediately adjacent to MW2 and MW9A, respectively (see Figure 1).

Soil and groundwater sampling was performed per the procedures previously approved by the County and implemented by LRM at this site, while soil vapor sampling procedures, including both field and laboratory leakage tests, followed the Department of Toxic Substances Control ([DTSC], 2011) guidelines. Sampling field sheets are included as Attachment 1.

Groundwater Sampling Results

Table 1 summarizes the historical groundwater monitoring results for the site, herein expanded for results of the full suite of VOC and SVOC sampling at MW2, MW9A, and DPE1

during the April 2015 round of supplemental LTCP closure sampling. The laboratory analytical report is included as Attachment 2 herein. As indicated in Table 1, no chlorinated VOCs were detected in groundwater, while select SVOCs and VOCs consistent with the hydrocarbon range historically used at the site were detected; however, none with concentrations of significant concern, with only naphthalene (maximum concentration of 509 ug/L), 2,4-dimethlyphenol (maximum concentration of 111 ug/L), and 2-methylphenol (maximum concentration of 223 ug/L) among the newly analyzed suite of chemicals reported at concentrations which exceeded drinking water standards (see Table 1).

Based on these results, no significant waste oil impacts are deemed present and/or posing a threat to downgradient water quality, with the current levels of the gasoline-range hydrocarbon impacts associated with the historical gasoline underground storage tank (UST) at the site having already been deemed insignificant by the County during the March 6, 2015 meeting. Therefore, no further groundwater sampling is recommended at the site.

Bioattenuation Zone Soil Sampling Results

To evaluate for the presence of a bioattenuation zone serving to minimize the potential for vapor intrusion at the site, soil samples were collected from the top 10 feet (3 feet bgs, 6 feet bgs, and 9 feet bgs) of the soil column at soil borings SB-14 and SB-15 (see Figure 1). These results, summarized in Table 2 (see Attachment 3 for laboratory analytical report), indicate the absence of TPH-g above detection limits in all soil samples, and the residual presence (maximum concentration of 1.4 mg/kg) of TPH-d in soil samples collected from SB-14. All detected concentrations remain well below the 100 mg/kg bioattenuation zone threshold adopted by the LTCP guidelines.

Based on these results, a bioattenuation zone sufficient to eliminate the potential of any significant vapor intrusion impacts exists beneath the site. The presence of this zone is further corroborated through the analysis of oxygen levels in soil vapor samples discussed below.

Shallow Soil Vapor Sampling Results

To further supplement the bioattenuation zone soil sampling referenced above, shallow soil vapor sampling results from newly installed shallow vapor probes VM-1 and VM-2 yielded benzene, ethylbenzene, and naphthalene concentrations in soil vapor that remain well below the LTCP vapor intrusion thresholds for both residential and commercial/industrial land use with an established bioattenuation zone (see Table 3, and Attachment 4 for laboratory analytical report). Moreover, oxygen concentrations detected at both vapor probe locations were detected at 16%, well above the 4% oxygen threshold for bioattenuation of hydrocarbons in vapors under LTCP guidelines. Also worth noting is that helium results remained below detection limits (see Table 3), confirming the integrity of the vapor samples relative to potential leakage during sampling.

Based on these results, vapor intrusion is not considered a complete exposure pathway at the site, and a formal recommendation is accordingly set forth for closure of the site with no further action and no restrictions on land use. A deed restriction prohibiting installation and use of shallow water supply wells onsite will likely be necessary as part of the closure.

Since completion of the above-referenced sampling, LRM grouted the soil borings and removed the temporary soil vapor probes under guidance form Alameda County and in concert with the permit included herein as Attachment 5.

Closing

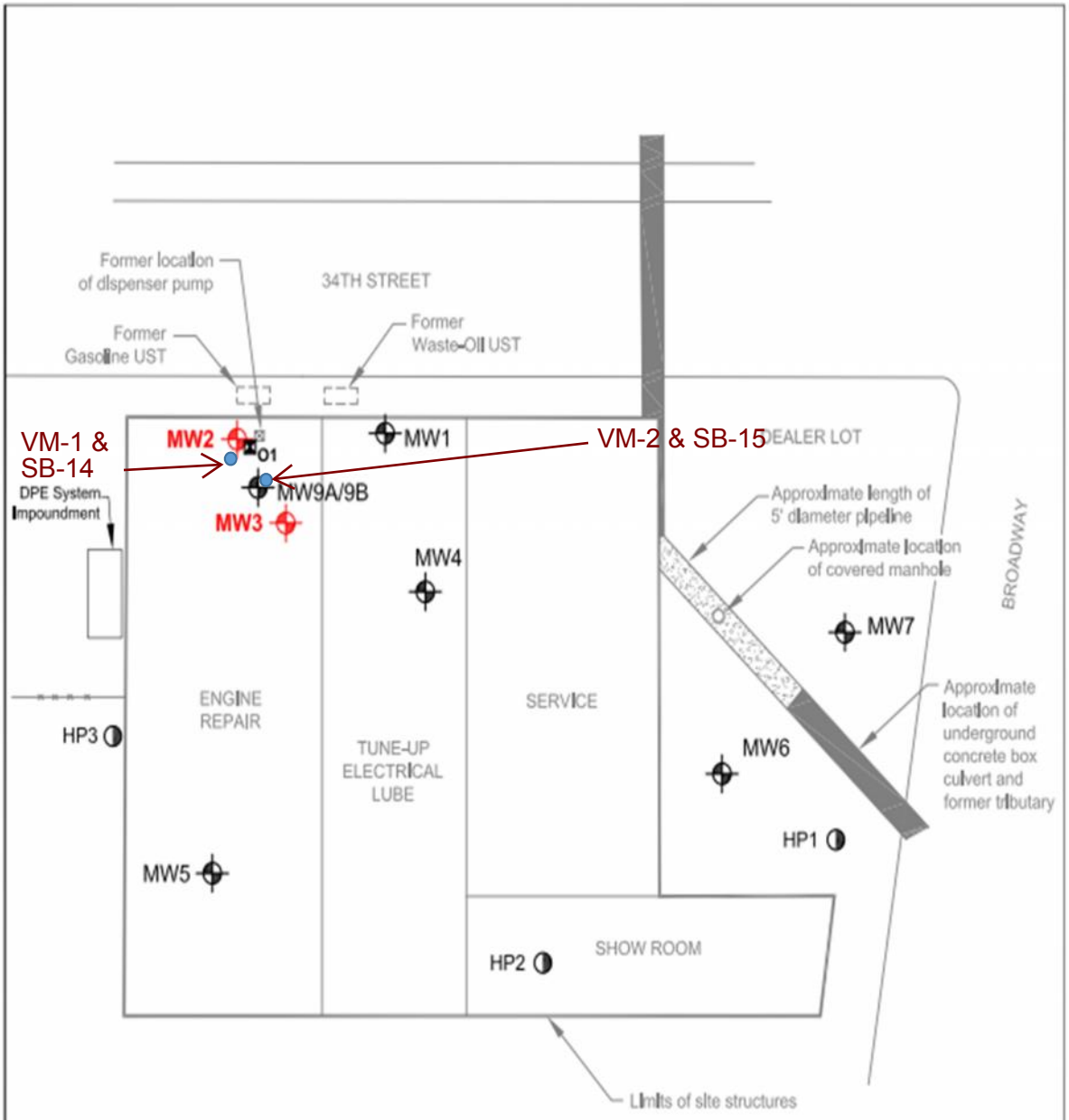
LRM appreciates the County's timely review of the document, and for its oversight and support of this project. If you have any questions, please contact Mehrdad Javaherian at 415-706-8935 or at mehrdad@lrm-consulting.com.

LRM Consulting, Inc.

Mehrdad Javaherian, Ph.D., MPH, PE, LEED®GA

Enclosure

FIGURE



LEGEND:

HP2 ◑ Grab groundwater sampling location

MW5 ⊕ Groundwater monitoring well

MW2 ⊕ DPE Extraction Well

● Soil vapor probe and adjacent soil boring location

N

0 25 50

Scale (feet)

LRM consulting inc.

Supplemental Sample Locations
327 34th Street
Oakland, CA

FIGURE: 1

TABLES

TABLE 1 CUMULATIVE GROUNDWATER ELEVATION AND ANALYTICAL DATA
FORMER VAL STROUGH CHEVROLET, 327 34th STREET OAKLAND, CALIFORNIA

Well Number	Date	Casing Elevation (feet)		Depth to Water (feet)	GW Elevation (feet)	SPH Thickness (feet)	Concentration (µg/L) Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	TPH-mo	MTBE	TBA	n-Butylbenzene	sec-Butylbenzene	Isopropal-benzene	p-Isopropal toulene	Naphthalene	n-Propyl benzene	1,2,4-Trimethyl benzene	1,3,5- Trimethyl benzene	2,4- Dimethyl phenol	1-Methyl naphthalene	2-Methyl napthalene	2-Methyl phenol	3&4-Methyl phenol
MW2	07/27/93	101.27	a	22.10	79.17	0.00	10,000	27,000	2,900	20,000	120,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	10/02/97	101.27	a	22.91	78.36	0.43	*	*	*	*	*	*	*	*	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	06/30/98	101.27	a	19.69	81.58	0.45	7,300	18,000	2,500	15,600	72,000	--	--	5,500	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	07/29/98	101.27	a	20.11	81.16	0.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	08/26/98	101.27	a	20.54	80.73	0.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	10/01/98	101.27	a	21.52	79.75	0.42	6,400	17,000	2,600	17,000	84,000	--	--	2,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	10/30/98	101.27	a	21.54	79.73	0.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	11/30/98	101.27	a	21.21	80.06	0.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	12/28/98	101.27	a	21.10	80.17	0.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	01/25/99	101.27	a	20.80	80.47	0.01	9,000	26,000	3,800	27,500	130,000	--	--	5,800	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	02/26/99	101.27	a	18.00	83.27	sheen	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	03/24/99	101.27	a	18.27	83.00	trace	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	05/12/99	101.27	a	19.08	82.19	trace	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	12/15-16/99	101.27	a	22.42	78.85	0.025	*	*	*	*	*	*	*	*	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	03/20/00	101.27	a	17.09	84.18	0.026	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	07/20/00	101.27	a	20.86	80.41	0.017	*	*	*	*	*	*	*	*	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	10/11/00	101.27	a	22.10	79.17	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	04/10-11/01	101.27	a	19.98	81.29	0.00	8,000	22,000	2,600	23,500	150,000	1,500	<600	3,600	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	07/10/01	101.27	a	21.85	79.42	0.00	5,900	15,000	2,300	12,100	83,000	5,700	<1,500	2,800	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	11/20/01	65.95	b	22.75	43.20	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	02/19/02	65.95	b	20.12	45.83	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	05/21/02	65.95	b	21.10	44.85	0.00	8,600	25,000	3,500	26,000	150,000	31,000	<3,000	4,800	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	06/27/03	65.95	b	21.48	44.47	0.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	09/29/03	65.95	b	23.04	42.91	0.48	*	*	*	*	*	*	*	*	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2[e]	12/12/03	65.95	b	22.75	43.31	0.16	*	*	*	*	*	*	*	*	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2[g]	03/15/04	65.95	b	19.24	46.72	0.01	*	*	*	*	*	*	*	*	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2[g]	06/24/04	65.95	b	22.10	44.06	0.31	*	*	*	*	*	*	*	*	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2[g]	09/29/04	65.95	b	22.81	43.14	sheen	*	*	*	*	*	*	*	*	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2[e]	12/13/04	65.95	b	22.06	43.95	0.08	3,700	12,000	1,900	10,000	47,000	2,600	<500	1,200	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2[j]	03/14/05	65.95	b	25.00	40.95	0.00	780	3,700	920	6,400	43,000	43,000	<5,000	<200	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	06/15/05	65.95	b	21.14	44.81	0.00	2,900	15,000	2,400	22,000	120,000	13,000	<2,500	810	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	07/18/05	65.95	b	NM	NC	NM	2,700	13,000	1,800	15,000	120,000	17,000	--	530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	09/26/05	65.95	b	22.93	43.02	0.00	570	4,000	620	6,200	31,000	63,000	28,000	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	12/12/05	65.95	b	25.40	40.55	0.00	670	5,300	1,100	9,800	34,000	2,800	<500	65	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	03/29/06	65.95	b	15.66	50.29	sheen	620	2,800	540	4,700	33,000	<4,000	<100	37	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	06/19/06	65.95	b	19.14	46.81	sheen	680	5,200	990	16,000	120,000	<30,000	1,900	170	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	09/29/06	65.95	b	21.16	44.79	0.00	1,200	5,100	1,200	9,300	59,000	<8000	300	230	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	12/12/06	65.95	b	21.46	44.49	0.00	850	4,400	1,100	8,900	45,000	<10000	360	110	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	03/01/07	65.95	b	19.48	46.47	0.00	1,400	5,200	980	9,500	71,000	<18000	460	160	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	06/12/07	65.95	b	20.98	44.97	0.00	1,300	4,900	1,200	8,900	40,000	<3000	<100	130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	09/25/07	65.95	b	22.57	43.38	0.00	1,400	6,500	1,900	13,000	68,000	<12000	250	240	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	12/20/07	65.95	b	22.70	43.25	0.00	1,400	7,000	2,400	16,000	75,000	<5000	650	270	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	03/26/08	65.95	b	22.51	43.44	0.00	1,400	6,200	1,800	16,000	83,000	<10000	360	480	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	06/03/08	65.95	b	21.85	44.10	0.00	1,900	11,000	2,500	18,000	98,000	<12000	500	660	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	09/25/08	65.95	b	23.30	42.65	0.00	740	3,500	1,700	10,000	46,000	<8000	170	340	180	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	12/29/08	65.95	b	22.95	43.00	0.00	260	1,500	1,100	6,400	29,000	<4000	<100	110	<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	03/24/09	65.71	l	19.58	46.13	0.00	410	2,000	900	8,900	45,000	<8,000	420	300	210	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	06/02/09	65.71	l	20.50	45.21	0.00	680	3,100	1,200	10,000	80,000	<12000	480	330	180	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	09/10/09	65.71	l	22.40	43.31	0.00	700	3,000	1,300	9,400	45,000	< 8000	190	370	220	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	12/04/09	65.71	l	24.30	41.41	0.00	290	1,500	930	4,900	24,000	< 2000	170	200	92	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	03/10/10	65.71	l	22.20	43.51	0.00	200	1,300	700	9,500	45,000	< 6,000	< 100	340	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	05/28/10	65.71	l	22.41	43.30	0.00	260	1,100	650	4,700	23,000	< 8000	170	380	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	08/26/10	65.71	1	23.00	42.71	0.00	160	980	490	4,200	22,000	<2000	<100	180	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	09/20/10	65.71	1	NM	NC	0.00	52	360	210	1,600	8,800	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	12/22/10	65.71	1	22.47	43.24	0.00	130	1,100	430	6,000	26,000	<3000	<100	640	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	03/16/11	65.71	1	19.00	46.71	0.00	430	1700	490	3700	29,000	< 3000	190	500	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	06/21/11	65.71	1	20.10	45.61	0.00	640	2100	680	4000	26,000	< 3000	< 100	660	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	09/14/11	65.71	1	21.97	43.74	0.00	460	3200	1200	7600	47,000	< 30000	520	380	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	12/01/11	65.71	1	22.73	42.98	0.00	350	2,200	1,100	4,600	26,000	<1000	<100	510	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	03/08/12	65.71	1	22.62	43.09	0.00	150	1000	560	2500	14,000	< 200	< 100	200	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	06/04/12	65.71	1	20.31	45.40	0.00	380	2,000	560	3,200	22,000	<100	<100	320	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	09/06/12	65.71	1	29.10	36.61	0.00	220	520	130	780	6,300	< 50	< 100	18	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	12/14/12	65.71	1	21.15	44.56	0.00	620	2,500	430	8,100	51,000	< 2000	430	24	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	03/27/13	65.71	1	21.97	43.74	0.00	620	3,200	480	6,100	36,000	350	< 100	56	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	06/18/13	65.71	1	22.60	43.11	0.00	120	1,000	380	4,000	24,000	1,100	260	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	09/24/13	65.71	1	23.06	42.65	0.00	49	250	100	690	4,300	<50	<100	3.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	12/10/13	65.71	1	23.41	42.30	0.00	41	180	200	520	3,000	72	110	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	03/04/14	65.71	1	22.83	42.88	0.00	56	280	480	2100	14000	1100	530	< 2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	06/11/14	65.71	1	22.83	42.88	0.00	110	540	320	1300	9400	130	< 100	1.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	09/30/14	65.71	1	22.95	42.76	0.00	43	92	320	960	6300	140	< 100	1.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW2	12/18/14	65.71	1	20.62	45.09	0.00	96	620	600	3000	23000	220	230	5.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 1 CUMULATIVE GROUNDWATER ELEVATION AND ANALYTICAL DATA
FORMER VAL STROUGH CHEVROLET, 327 34th STREET OAKLAND, CALIFORNIA

Well Number	Date	Casing Elevation (feet)	Depth to Water (feet)	GW Elevation (feet)	SPH Thickness (feet)	Concentration (µg/L) Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	TPH-mo	MTBE	TBA	n-Butylbenzene	sec-Butylbenzene	Isopropal-benzene	p-Isopropal toulene	Naphthalene	n-Propyl benzene	1,2,4-Trimethyl benzene	1,3,5- Trimethyl benzene	2,4- Dimethyl phenol	1-Methyl naphthalene	2-Methyl napthalene	2-Methyl phenol	3&4-Methyl phenol
MW2	**03/13/15**				**0.00**	**123**	**449**	**458**	**1994**	**10700**	**320**	**320**	**3.3**	**--**	**9.4**	**8.2**	**40.2**	**4.8**	**188**	**83.6**	**586**	**223**	**111**	**16.4**	--	--	--
MW9A	09/10/09	65.90	22.51	43.39	0.00	7,800	33,000	4,500	25,000	160,000	< 20,000	410	1,800	780	--	--	--	--	--	--	--	--	--	--	--	--	--
MW9A	12/04/09	65.90	24.42	41.48	0.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW9A (m)	12/28/09	65.90	24.62	41.28	sheen	12,000	34,000	4,300	24,000	180,000	<200,000	3,400	2,100	680	--	--	--	--	--	--	--	--	--	--	--	--	--
MW9A	03/10/10	65.90	22.30	43.60	0.00	15,000	42,000	4,800	26,000	210,000	< 40,000	250	2,300	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW9A	05/28/10	65.90	22.62	43.29 (n)	0.02	Not Sampled due to Free Product																					
MW9A	08/26/10	65.90	23.21	42.70	0.00	2,600	19,000	3,000	22,000	150,000	<500,000	11,000	75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW9A	09/21/10	65.90	NM	NC	0.00	1,400	9,600	1,600	12,000	70,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW9A	12/22/10	65.90	22.63	43.28	0.00	4,400	17,000	1,900	13,000	83,000	<1500	<100	250	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW9A	03/16/11	65.90	20.31	45.60	0.00	4,900	22,000	2,800	20,000	130,000	< 1500	230	620	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW9A	06/21/11	65.90	20.36	45.55	0.00	16	33	39	230	2800	< 300	< 100	28	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW9A	09/14/11	65.90	22.24	43.67	0.00	3700	17000	2800	21000	120000	< 25000	1400	720	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW9A	12/01/11	65.90	23.02	42.89	0.00	3,700	14,000	2,000	15,000	98,000	<2000	410	670	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW9A	03/08/12	65.90	22.90	43.01	0.00	4600	16000	2100	17000	97000	< 300	< 100	810	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW9A	06/04/12	65.90	21.51	44.40	0.00	3,800	12,000	1,300	13,000	93,000	< 300	< 100	860	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW9A	09/06/12	65.90	23.60	42.31	0.00	2,800	13,000	1,800	13,000	110,000	< 800	430	420	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW9A	12/14/12	65.90	21.30	44.61	0.00	2,800	17,000	2,800	16,000	130,000	< 200	< 100	98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW9A	03/27/13	65.90	22.09	43.82	0.00	1,500	9,700	2,500	14,000	80,000	54	< 100	56	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW9A	06/18/13	65.90	22.55	43.36	0.00	1,300	7,300	1,900	11,000	66,000	250	150	16	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW9A	09/24/13	65.90	23.30	42.61	0.00	870	6,000	1,800	11,000	58,000	100	<100	<15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW9A	12/10/13	65.90	23.43	42.48	0.00	410	5,300	2,400	13,000	65,000	58	<100	<15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW9A	03/04/14	65.90	22.61	43.30	0.00	220	4,300	2,000	11,000	71,000	280	140	< 15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW9A	06/11/14	65.90	22.61	43.30	0.00	77	1800	1400	6000	58000	390	< 100	< 9.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW9A	09/30/14	65.90	23.20	42.71	0.00	370	1600	1600	6800	51000	800	< 100	27	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW9A	12/18/14	65.90	20.65	45.26	0.00	150	1200	1400	6100	46000	200	< 100	<9	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW9A	**03/13/15**				**0.00**	**488**	**1570**	**1280**	**5940**	**35600**	**160**	**<100**	**16.7**	**--**	**27.8**	**22.6**	**167**	**12.2**	**441 / 509**	**386**	**2690**	**738**	**58.9**	**141**	**223**	**47.7**	**42**
DPE-1	09/24/13	65.91	22.94	42.97	0.00	380	5000	2400	15000	99000	660	<100	<20	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-1	03/04/14	65.91	22.42	43.49	0.00	63	890	440	4000	26000	180	< 100	< 5.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-1	06/11/14	65.91	22.42	43.49	0.00	62	990	660	3600	28000	180	< 100	8.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-1	12/18/14	65.91	20.30	45.61	0.00	120	1000	580	3900	32000	<50	< 100	7.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DPE-1	**03/13/15**				**0.00**	**110**	**761**	**561**	**3520**	**19900**	**0.13**	**<100**	**<3.1**	**--**	**20.7**	**17.8**	**77.8**	**9.4**	**299**	**191**	**1470**	**421**	**<52.1**	**57.9**	**53.3**	**12.6**	**29.7**
Drinking Water Standards (Water Board, 2013)						**1**	**150**	**300**	**1800**	**100**	**100**	**100**	**5**		**N/A**	**N/A**	**N/A**	**N/A**	**6.1**	**N/A**	**N/A**	**N/A**	**100**	**N/A**	**10**	**N/A**	**N/A**

SPH Separate-phase hydrocarbons.
GW Groundwater.
TPH-g Total Petroleum Hydrocarbons quantified as gasoline.
TPH-d Total Petroleum Hydrocarbons quantified as diesel.
TPH-mo Total Petroleum Hydrocarbons quantified as motor oil.
MTBE Methyl tertiary butyl ether.
TBA Tertiary Butyl Alcohol
NC Not calculated.
NS Not surveyed
N/A Not Applicable
µg/L Micrograms per liter.
* SPH present; not sampled.
** Well MW4 elevation modified due to site renovation activities. Not Surveyed.
-- Not analyzed or not sampled.
< Less than the laboratory reporting limits.
a Elevations are referenced to monitoring well MW1, with assumed datum of 100.00 feet.
b Elevations based on a survey conducted August 2002 and referenced benchmark with known elevation (NGVD 29) of 60.40 feet above mean sea level.
c Analysis not conducted due to broken sample containers.
d Hydrocarbon reported in the gasoline range does not match laboratory gasoline standard.
e Groundwater elevation in wells with LPH are corrected by multiplying the specific gravity of gasoline (0.69) by the LPH thickness and adding this value to the water elevation.
f Hydrocarbon reported is in the early diesel range, and does not match the laboratory diesel standard.
g Sample contained discrete peak in gasoline range and identified by lab as MTBE.
h Quantity of unknown hydrocarbon(s) in sample based on diesel.
i The concentration reported reflect(s) individual or discrete unidentified peaks not matching a typical fuel pattern.
j Depth to groundwater is based on the depth of the stingers.
k Quantity of unknown hydrocarbon(s) in sample based on mtor oil.
l Resurveyed Prior to 1st Quarter 2009 Measurements
m The well was not purged due to insufficient water.
n Groundwater elevation corrected by subsituting the "product thickness" in the water column of the well with thickness of the groundwater equivalent, determined by multiplying the specific gravity of gasoline (0.739) by the "product thickness".
o Some hydrocarbons lower-boiling, some higher-boiling than diesel.

TABLE 2 SOIL ANALYTICAL DATA
FORMER VAL STROUGH CHEVROLET, 327 34th STREET OAKLAND, CALIFORNIA

		Sample	Concentration in mg/kg	
Boring Number	Sample Date	Depth (feet)	TPH-g	TPH-d
SB-14	04/27/15	3	<0.25	1.1
SB-14	04/27/15	6	<0.25	1
SB-14	04/27/15	9	<0.25	1.4
SB-15	04/27/15	3	<0.25	<1.0
SB-15	04/27/15	6	<0.25	<1.0
SB-15	04/27/15	9	<0.25	<1.0
LTCP Bioattenuation Zone Criteria			**100**	**100**

TPH-g Total Petroleum Hydrocarbons quantified as gasoline.
TPH-d Total Petroleum Hydrocarbons quantified as diesel.
mg/kg Miligrams per kilogram

TABLE 3 SOIL VAPOR ANALYTICAL DATA
FORMER VAL STROUGH CHEVROLET, 327 34th STREET OAKLAND, CALIFORNIA

Well Number	Date	Sample Depth Elevation (feet)	Concentration (µg/m3)			Percent (%)	
			Benzene	Ethyl-benzene	Naphthalene	Oxygen	Helium
VM-1	05/01/15	5	18	6	<5.3	16	<0.050
VM-2	05/01/15	5	58	180	110	16	<0.050
LTCP Vapor Intrusion Criteria (Residential with Bioattenuation Zone)			**85,000**	**1,100,000**	**93,000**	**4**	**NA**
LTCP Vapor Intrusion Criteria (Commercila/Industrial with Bioattenuation Zone)			**280,000**	**3,600,000**	**310,000**	**4**	**NA**

ug/m3 Micrograms per cubic meter

ATTACHMENT 1

Purging And Sampling Data Sheet

Job Number: TMSTROUGH	**Sampler:** Scott Polston	**Client:** Val Strough
Well ID: DPE1	**Date:** 3/13/15	**Site:** Former Val Strough Chevrolet 327 34th. Street, Oakland
Well Diameter: 4	**DTW:** 22.42	**Total Depth** 39.5
Purge Equipment Purger Pump	**Tubing** (OD) 1/2	**New** **Dedicated**
Purge Method	3- 5 Casing Vol Micro/low Flow Extraction Well Other:	
Multipliers	1"= 0.04, 2"=0.16, 3"=0.37, 4"=0.65, 5"=1.02, 6"=1.47 Gallons per liner foot	

Total Depth - DTW X Mulitplier = 1 casing vol.	80% Recovery = Total Depth -DTW X .20 + DTW

1 volume = 6.53 X .65 = 4.28 **Gallons** **80% =** _____ '

Time	ph	Temp	Cond	Turb	DO	ORP	Gallons	Notes
10:49	~~7.32~~	19.6	1.13	>5000	8.15	-100	~~0.5~~	.50
10:52	6.87	20.2	1.25	250	8.26	-106	4.5	
10:58	6.78	20.16	1.20	169	8.01	-112	9.0	
11:01	6.75	20.3	1.21	151	~~8.15~~	-94	14.0	DO = 7.98
11:05	6.77	20.25	1.24	149	7.91	-112	14.25	

Well Dewater	**Yes** (**No**)	**Total Volume Removed:** 14.25	**Gallons**
Sample Method:	(**Disp Bailer**) **New Tubing** **Sample port** **Other:** _____		
Sample Date: 3/13/15	**Sample Time:** 11:05	**DTW at Sample:**	
Sample ID: DPE1	**Lab:** Kiff	**Number of Containers:** 5	
Analysis: **TPH- Gas, BTEX, MTBE**			

Notes:

Purging And Sampling Data Sheet

Job Number: TMSTROUGH	**Sampler:** Scott Polston	**Client:** Val Strough
Well ID: MW2	**Date:** 3/13/15	**Site:** Former Val Strough Chevrolet 327 34th. Street, Oakland
Well Diameter: 2	**DTW:** 22.83	**Total Depth** 32
Purge Equipment Purger Pump	**Tubing** (OD) 1/2	**New** **Dedicated**
Purge Method	3- 5 Casing Vol Micro/low Flow Extraction Well Other:	
Multipliers	1"= 0.04, 2"=0.16, 3"=0.37, 4"=0.65, 5"=1.02, 6"=1.47 Gallons per liner foot	

Total Depth - DTW X Mulitplier = 1 casing vol.	80% Recovery = Total Depth -DTW X .20 + DTW

1 volume = 9.17 X .16 = 1.47 **Gallons** **80% =** _____ '

Time	ph	Temp	Cond	Turb	DO	ORP	Gallons	Notes
0934	6.63	17.3	1.53	323	6.68	-125	.25	
0935	6.94	17.9	1.45	83.5	5.92	-142	1.50	
0937	6.92	18.1	1.35	40.5	4.3	-146	3.0	ph - 6.90
0939	6.86	18.2	1.35	15.6	3.7	-148	4.5	
0941	6.90	18.6	1.25	12.0	3.4	-136	4.75	

Well Dewater Yes / No	**Total Volume Removed:** 4.75	**Gallons**
Sample Method: Disp Bailer New Tubing Sample port **Other:** _____		
Sample Date: 3/13/15	**Sample Time:** 0941	**DTW at Sample:**
Sample ID: MW2	**Lab:** Kiff	**Number of Containers:** 5
Analysis: TPH- Gas, BTEX, MTBE		

Notes:

Purging And Sampling Data Sheet

Job Number: TMSTROUGH	**Sampler:** Scott Polston	**Client:** Val Strough
Well ID: MW9A	**Date:** 3/13/15	**Site:** Former Val Strough Chevrolet 327 34th. Street, Oakland
Well Diameter: 2	**DTW:** 22.61	**Total Depth** 24.9
Purge Equipment ~~Purger Pump~~ Disp Bailer	**Tubing** (OD) 1/2	**New** **Dedicated**
Purge Method	3- 5 Casing Vol Micro/low Flow Extraction Well Other:	
Multipliers	1"= 0.04, 2"=0.16, 3"=0.37, 4"=0.65, 5"=1.02, 6"=1.47 Gallons per liner foot	
Total Depth - DTW X Mulitplier = 1 casing vol.	80% Recovery = Total Depth -DTW X .20 + DTW	

1 volume = 2.29 X .16 = .36 **Gallons** **80% =** _____ '

Time	ph	Temp	Cond	Turb	DO	ORP	Gallons	Notes
10:21	6.68	20.10	1.1	300	7.1	-86	.50	
10:24	6.85	19.9	1.15	250	6.90	-84	1.0	
10:28	6.78	19.8	1.17	175	6.88	-92	1.5	

Well Dewater ~~Yes~~ (No) **Total Volume Removed:** 1.5 **Gallons**

Sample Method: (Disp Bailer) **New Tubing** **Sample port** **Other:** _____

Sample Date: 3/13/15	**Sample Time:** 10:28	**DTW at Sample:**
Sample ID: MW9A	**Lab:** Kiff	**Number of Containers:** 5
Analysis: TPH- Gas, BTEX, MTBE		

Notes:

Soil Vapor Probe Purging/Sampling Log

Project Name: Former Val Strough
Job Number: TMSTROUGH
Date: 4/30/2015
Sampler(s): Scott Polston
Sample ID and Time: VM-1 ~0945
Notes: Held 150" of H_2O Vac 4 5 min

Soil Vapor Probe ID: VM-1
Suma Can Serial #: A7517
Flow Controller #: 982
Initial Vacuum: -25
Final Vacuum: -4.5

Specifications

Tubing length: 182.88 cm
Tubing inner diameter: 0.634 cm
Boring diameter: 5.08 cm
Sandpack height: 30.48 cm
Probe length: 2.54 cm
Probe diameter: 0.634 cm
Summa flow rate: 150 mL/min
Purge flow rate: 100 mL/min

Purge Volume Calculation

Purge volume = tubing + sandpack
Tubing = Pi * (inner diameter/2)^2 * length
= 57.734394 cm3
Sandpack = Pi * (boring diameter/2)^2 * sandpack height * porosity
= 231.66666 cm3
Single purge volume: 289.40105 cm^3
Total purge volumes extracted: 3.11
Pi = 3.1416
1 inch = 2.54 cm
1 ml = 1 cm3

Start Time: 0935
Total Purge Time: 9
Est. max. porosity = 0.375

Time	He in Shroud %	Purge Time (min./sec.)	He in Purge Sample % or ppm	VOCs ppbv / ppm	Comments
	27.6				
0935	27.5	0			
0938	27.1	3	0%	7.4	
0941	26.7	6	0%	7.9	
0944	25.9	9	0%	8.6	
0945	25.8				
0947	25.4				
0948	25.3				
0950	25.0				
0951	24.8				
0953	24.5		0%	~~1~~	3.2

Soil Vapor Probe Purging/Sampling Log

Project Name: Former Val Strough
Job Number: TMSTROUGH
Date: 4/30/2015
Sampler(s): Scott Polston
Sample ID and Time: VM-2
Notes: Held 150" of Vac for 5min

Soil Vapor Probe ID: VM-2
Suma Can Serial #: A7528
Flow Controller #: 985
Initial Vacuum: -30
Final Vacuum: -4.5

Specifications

Tubing length: 182.88 cm
Tubing inner diameter: 0.634 cm
Boring diameter: 5.08 cm
Sandpack height: 30.48 cm
Probe length: 2.54 cm
Probe diameter: 0.634 cm
Summa flow rate: 150 mL/min
Purge flow rate: 100 mL/min

Purge Volume Calculation

Purge volume = tubing + sandpack
Tubing = Pi * (inner diameter/2)^2 * length
= 57.734394 cm3
Sandpack = Pi * (boring diameter/2)^2 * sandpack height * porosity
= 231.66666 cm3
Single purge volume: 289.40105 cm^3
Total purge volumes extracted: 3.11
Pi = 3.1416
1 inch = 2.54 cm
1 ml = 1 cm3

Start Time: 1018
Total Purge Time: 9
Est. max. porosity = 0.375

Time	He in Shroud %	Purge Time (min./sec.)	He in Purge Sample % or ppm	VOCs ppbv / ppm	Comments
	29.1				
1018	28.9	0	0%	~~7.0~~	1- 3.6 ppm
1021	28.4	3	0%	7.0	3- 7.0 ppm
1024	27.8	6	0%	6.8	5. 4.1 ppm
1027	27.4	9	0%	7.3	
1028	27.5				
1030	27.2				
1033	26.8				
1035	26.5				
1038	26.0		0%	5.9	

ATTACHMENT 2

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

April 08, 2015

Mehrdad Javaherian
LRM Consulting, Inc.
1534 Plaza Lane
#145
Burlingame, CA 94010

RE: Project: FORMER VAL STROUGH CHEVROLET
Pace Project No.: 1244497

Dear Mehrdad Javaherian:
Enclosed are the analytical results for sample(s) received by the laboratory on March 16, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Troy G Turpen
troy.turpen@pacelabs.com
Project Manager

Enclosures

cc: Scott Polston

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

CERTIFICATIONS

Project: FORMER VAL STROUGH CHEVROLET
Pace Project No.: 1244497

Minnesota Certification IDs

1700 Elm Street SE Suite 200, Minneapolis, MN 55414
A2LA Certification #: 2926.01
Alaska Certification #: UST-078
Alaska Certification #MN00064
Alabama Certification #40770
Arizona Certification #: AZ-0014
Arkansas Certification #: 88-0680
California Certification #: 01155CA
Colorado Certification #Pace
Connecticut Certification #: PH-0256
EPA Region 8 Certification #: 8TMS-L
Florida/NELAP Certification #: E87605
Guam Certification #:14-008r
Georgia Certification #: 959
Georgia EPD #: Pace
Idaho Certification #: MN00064
Hawaii Certification #MN00064
Illinois Certification #: 200011
Indiana Certification#C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky Dept of Envi. Protection - DW #90062
Kentucky Dept of Envi. Protection - WW #:90062
Louisiana DEQ Certification #: 3086
Louisiana DHH #: LA140001
Maine Certification #: 2013011
Maryland Certification #: 322
Michigan DEPH Certification #: 9909
Minnesota Certification #: 027-053-137
Mississippi Certification #: Pace
Montana Certification #: MT0092
Nevada Certification #: MN_00064
Nebraska Certification #: Pace
New Jersey Certification #: MN-002
New York Certification #: 11647
North Carolina Certification #: 530
North Carolina State Public Health #: 27700
North Dakota Certification #: R-036
Ohio EPA #: 4150
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Certification #: MN200001
Oregon Certification #: MN300001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification
Saipan (CNMI) #:MP0003
South Carolina #:74003001
Texas Certification #: T104704192
Tennessee Certification #: 02818
Utah Certification #: MN000642013-4
Virginia DGS Certification #: 251
Virginia/VELAP Certification #: Pace
Washington Certification #: C486
West Virginia Certification #: 382
West Virginia DHHR #:9952C
Wisconsin Certification #: 999407970

Davis Cerification IDs

2795 Second Street Suite 300 Davis, CA 95618
North Dakota Certification #: R-214
Oregon Certification #: CA300002
Washington Certification #: C926-14a
California Certification #: 08263CA

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

SAMPLE SUMMARY

Project: FORMER VAL STROUGH CHEVROLET
Pace Project No.: 1244497

Lab ID	Sample ID	Matrix	Date Collected	Date Received
1244497001	**MW2**	Water	03/13/15 09:41	03/16/15 08:20
1244497002	**MW9A**	Water	03/13/15 10:28	03/16/15 08:20
1244497003	**DPE1**	Water	03/13/15 11:05	03/16/15 08:20

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

SAMPLE ANALYTE COUNT

Project: FORMER VAL STROUGH CHEVROLET
Pace Project No.: 1244497

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
1244497001	**MW2**	EPA 8015B	DRM	3	PASI-DAV
		EPA 8260B	JCP	64	PASI-DAV
		EPA 8270	JLR	77	PASI-M
1244497002	**MW9A**	EPA 8015B	DRM	3	PASI-DAV
		EPA 8260B	JCP	64	PASI-DAV
		EPA 8270	JLR	77	PASI-M
1244497003	**DPE1**	EPA 8015B	DRM	3	PASI-DAV
		EPA 8260B	JCP	64	PASI-DAV
		EPA 8270	JLR	77	PASI-M

Pace Analytical Services, Inc.
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ANALYTICAL RESULTS

Project: FORMER VAL STROUGH CHEVROLET
Pace Project No.: 1244497

Sample: MW2 **Lab ID: 1244497001** Collected: 03/13/15 09:41 Received: 03/16/15 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel Silica Gel	Analytical Method: EPA 8015B Preparation Method: EPA 3510							
TPH-DRO (C10-C28)	**0.32**	mg/L	0.050	1	03/23/15 11:00	04/07/15 20:31		
TPH - Motor Oil	**0.32**	mg/L	0.10	1	03/23/15 11:00	04/07/15 20:31	64742-65-0	
Surrogates								
n-Octacosane (S)	130	%.	70-130	1	03/23/15 11:00	04/07/15 20:31	630-02-4	
8260 MSV	Analytical Method: EPA 8260B							
Benzene	**123**	ug/L	2.8	5.6		03/26/15 22:27	71-43-2	
Bromobenzene	ND	ug/L	2.8	5.6		03/26/15 22:27	108-86-1	
Bromochloromethane	ND	ug/L	2.8	5.6		03/26/15 22:27	74-97-5	L3
Bromodichloromethane	ND	ug/L	2.8	5.6		03/26/15 22:27	75-27-4	L3
Bromoform	ND	ug/L	2.8	5.6		03/26/15 22:27	75-25-2	L3
Bromomethane	ND	ug/L	112	5.6		03/26/15 22:27	74-83-9	
n-Butylbenzene	**9.4**	ug/L	2.8	5.6		03/26/15 22:27	104-51-8	
sec-Butylbenzene	**8.2**	ug/L	2.8	5.6		03/26/15 22:27	135-98-8	
tert-Butylbenzene	ND	ug/L	2.8	5.6		03/26/15 22:27	98-06-6	
Carbon tetrachloride	ND	ug/L	2.8	5.6		03/26/15 22:27	56-23-5	L3
Chlorobenzene	ND	ug/L	2.8	5.6		03/26/15 22:27	108-90-7	
Chloroethane	ND	ug/L	2.8	5.6		03/26/15 22:27	75-00-3	
Chloroform	ND	ug/L	2.8	5.6		03/26/15 22:27	67-66-3	L3
Chloromethane	ND	ug/L	2.8	5.6		03/26/15 22:27	74-87-3	L2
2-Chlorotoluene	ND	ug/L	5.6	5.6		03/26/15 22:27	95-49-8	
4-Chlorotoluene	ND	ug/L	5.6	5.6		03/26/15 22:27	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.8	5.6		03/26/15 22:27	96-12-8	L3
Dibromochloromethane	ND	ug/L	2.8	5.6		03/26/15 22:27	124-48-1	L3
1,2-Dibromoethane (EDB)	ND	ug/L	2.8	5.6		03/26/15 22:27	106-93-4	L3
Dibromomethane	ND	ug/L	2.8	5.6		03/26/15 22:27	74-95-3	L3
1,2-Dichlorobenzene	ND	ug/L	2.8	5.6		03/26/15 22:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	2.8	5.6		03/26/15 22:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	2.8	5.6		03/26/15 22:27	106-46-7	
Dichlorodifluoromethane	ND	ug/L	2.8	5.6		03/26/15 22:27	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	2.8	5.6		03/26/15 22:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	2.8	5.6		03/26/15 22:27	107-06-2	L3
1,1-Dichloroethene	ND	ug/L	2.8	5.6		03/26/15 22:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	2.8	5.6		03/26/15 22:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	2.8	5.6		03/26/15 22:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	2.8	5.6		03/26/15 22:27	78-87-5	
1,3-Dichloropropane	ND	ug/L	2.8	5.6		03/26/15 22:27	142-28-9	L3
2,2-Dichloropropane	ND	ug/L	2.8	5.6		03/26/15 22:27	594-20-7	L3
1,1-Dichloropropene	ND	ug/L	2.8	5.6		03/26/15 22:27	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	2.8	5.6		03/26/15 22:27	10061-01-5	L3
trans-1,3-Dichloropropene	ND	ug/L	2.8	5.6		03/26/15 22:27	10061-02-6	L3
Ethylbenzene	**458**	ug/L	2.8	5.6		03/26/15 22:27	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	2.8	5.6		03/26/15 22:27	87-68-3	
Isopropylbenzene (Cumene)	**40.2**	ug/L	2.8	5.6		03/26/15 22:27	98-82-8	
p-Isopropyltoluene	**4.8**	ug/L	2.8	5.6		03/26/15 22:27	99-87-6	
Methylene Chloride	ND	ug/L	28.0	5.6		03/26/15 22:27	75-09-2	
Methyl-tert-butyl ether	**3.3**	ug/L	2.8	5.6		03/26/15 22:27	1634-04-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

ANALYTICAL RESULTS

Project: FORMER VAL STROUGH CHEVROLET
Pace Project No.: 1244497

Sample: MW2 **Lab ID: 1244497001** Collected: 03/13/15 09:41 Received: 03/16/15 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260B							
Naphthalene	**188**	ug/L	2.8	5.6		03/26/15 22:27	91-20-3	
n-Propylbenzene	**83.6**	ug/L	2.8	5.6		03/26/15 22:27	103-65-1	
Styrene	ND	ug/L	2.8	5.6		03/26/15 22:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	2.8	5.6		03/26/15 22:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.8	5.6		03/26/15 22:27	79-34-5	
Tetrachloroethene	ND	ug/L	2.8	5.6		03/26/15 22:27	127-18-4	L3
Toluene	**449**	ug/L	2.8	5.6		03/26/15 22:27	108-88-3	
TPH as Gas	**10700**	ug/L	280	5.6		03/26/15 22:27		
1,2,3-Trichlorobenzene	ND	ug/L	2.8	5.6		03/26/15 22:27	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	2.8	5.6		03/26/15 22:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	2.8	5.6		03/26/15 22:27	71-55-6	L3
1,1,2-Trichloroethane	ND	ug/L	2.8	5.6		03/26/15 22:27	79-00-5	L3
Trichloroethene	ND	ug/L	2.8	5.6		03/26/15 22:27	79-01-6	L3
Trichlorofluoromethane	ND	ug/L	2.8	5.6		03/26/15 22:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	2.8	5.6		03/26/15 22:27	96-18-4	
1,2,4-Trimethylbenzene	**586**	ug/L	2.8	5.6		03/26/15 22:27	95-63-6	
1,3,5-Trimethylbenzene	**223**	ug/L	2.8	5.6		03/26/15 22:27	108-67-8	
Vinyl chloride	ND	ug/L	2.8	5.6		03/26/15 22:27	75-01-4	
m&p-Xylene	**1410**	ug/L	2.8	5.6		03/26/15 22:27	179601-23-1	
o-Xylene	**584**	ug/L	2.8	5.6		03/26/15 22:27	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	98	%.	70-130	5.6		03/26/15 22:27	17060-07-0	
Toluene-d8 (S)	99	%.	70-130	5.6		03/26/15 22:27	2037-26-5	
4-Bromofluorobenzene (S)	105	%.	70-130	5.6		03/26/15 22:27	460-00-4	
8270 MSSV	Analytical Method: EPA 8270 Preparation Method: EPA 3520							
Phenol	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	108-95-2	
bis(2-Chloroethyl) ether	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	111-44-4	
2-Chlorophenol	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	95-57-8	
1,3-Dichlorobenzene	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	106-46-7	
Benzyl alcohol	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	100-51-6	
1,2-Dichlorobenzene	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	95-50-1	
2-Methylphenol(o-Cresol)	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	95-48-7	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	108-60-1	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	21.3	1	03/18/15 07:32	03/20/15 17:33		
N-Nitroso-di-n-propylamine	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	621-64-7	
Hexachloroethane	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	67-72-1	
Nitrobenzene	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	98-95-3	
Isophorone	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	78-59-1	
2-Nitrophenol	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	88-75-5	
2,4-Dimethylphenol	**111**	ug/L	53.2	1	03/18/15 07:32	03/20/15 17:33	105-67-9	
Benzoic acid	ND	ug/L	53.2	1	03/18/15 07:32	03/20/15 17:33	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	111-91-1	
2,4-Dichlorophenol	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	120-82-1	
Naphthalene	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	91-20-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

ANALYTICAL RESULTS

Project: FORMER VAL STROUGH CHEVROLET
Pace Project No.: 1244497

Sample: MW2 **Lab ID: 1244497001** Collected: 03/13/15 09:41 Received: 03/16/15 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV	Analytical Method: EPA 8270 Preparation Method: EPA 3520							
4-Chloroaniline	ND	ug/L	53.2	1	03/18/15 07:32	03/20/15 17:33	106-47-8	
Hexachloro-1,3-butadiene	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	87-68-3	
4-Chloro-3-methylphenol	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	59-50-7	
2-Methylnaphthalene	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	91-57-6	
Hexachlorocyclopentadiene	ND	ug/L	53.2	1	03/18/15 07:32	03/20/15 17:33	77-47-4	
2,4,6-Trichlorophenol	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	88-06-2	
2,4,5-Trichlorophenol	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	95-95-4	
2-Chloronaphthalene	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	91-58-7	
2-Nitroaniline	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	88-74-4	
Dimethylphthalate	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	131-11-3	
Acenaphthylene	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	208-96-8	
2,6-Dinitrotoluene	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	606-20-2	
3-Nitroaniline	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	99-09-2	
Acenaphthene	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	83-32-9	
2,4-Dinitrophenol	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	51-28-5	
4-Nitrophenol	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	100-02-7	
Dibenzofuran	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	132-64-9	
2,4-Dinitrotoluene	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	121-14-2	
Diethylphthalate	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	84-66-2	
4-Chlorophenylphenyl ether	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	7005-72-3	
Fluorene	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	86-73-7	
4-Nitroaniline	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	534-52-1	
N-Nitrosodiphenylamine	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	86-30-6	
4-Bromophenylphenyl ether	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	101-55-3	
Hexachlorobenzene	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	118-74-1	
Pentachlorophenol	ND	ug/L	21.3	1	03/18/15 07:32	03/20/15 17:33	87-86-5	
Phenanthrene	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	85-01-8	
Anthracene	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	120-12-7	
Di-n-butylphthalate	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	84-74-2	
Fluoranthene	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	206-44-0	
Pyrene	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	129-00-0	
Butylbenzylphthalate	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/L	53.2	1	03/18/15 07:32	03/20/15 17:33	91-94-1	
Benzo(a)anthracene	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	56-55-3	
Chrysene	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	117-81-7	
Di-n-octylphthalate	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	117-84-0	
Benzo(b)fluoranthene	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	205-99-2	
Benzo(k)fluoranthene	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	207-08-9	
Benzo(a)pyrene	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	193-39-5	
Dibenz(a,h)anthracene	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	53-70-3	
Benzo(g,h,i)perylene	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	191-24-2	
Pyridine	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	110-86-1	L2
N-Nitrosodimethylamine	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	62-75-9	
1,2-Diphenylhydrazine	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	122-66-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

ANALYTICAL RESULTS

Project: FORMER VAL STROUGH CHEVROLET
Pace Project No.: 1244497

Sample: MW2 **Lab ID: 1244497001** Collected: 03/13/15 09:41 Received: 03/16/15 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV	Analytical Method: EPA 8270 Preparation Method: EPA 3520							
Carbazole	ND	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	86-74-8	
1-Methylnaphthalene	**16.4**	ug/L	10.6	1	03/18/15 07:32	03/20/15 17:33	90-12-0	
Benzidine	ND	ug/L	53.2	1	03/18/15 07:32	03/20/15 17:33	92-87-5	L2,SS
Surrogates								
Nitrobenzene-d5 (S)	74	%.	54-125	1	03/18/15 07:32	03/20/15 17:33	4165-60-0	
2-Fluorobiphenyl (S)	71	%.	35-125	1	03/18/15 07:32	03/20/15 17:33	321-60-8	
p-Terphenyl-d14 (S)	67	%.	65-125	1	03/18/15 07:32	03/20/15 17:33	1718-51-0	
Phenol-d6 (S)	75	%.	55-125	1	03/18/15 07:32	03/20/15 17:33	13127-88-3	
2-Fluorophenol (S)	65	%.	51-125	1	03/18/15 07:32	03/20/15 17:33	367-12-4	
2,4,6-Tribromophenol (S)	89	%.	61-125	1	03/18/15 07:32	03/20/15 17:33	118-79-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

ANALYTICAL RESULTS

Project: FORMER VAL STROUGH CHEVROLET
Pace Project No.: 1244497

Sample: MW9A **Lab ID: 1244497002** Collected: 03/13/15 10:28 Received: 03/16/15 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel Silica Gel	Analytical Method: EPA 8015B Preparation Method: EPA 3510							
TPH-DRO (C10-C28)	**0.16**	mg/L	0.050	1	03/23/15 11:00	04/02/15 20:40		
TPH - Motor Oil	ND	mg/L	0.10	1	03/23/15 11:00	04/02/15 20:40	64742-65-0	
Surrogates								
n-Octacosane (S)	118	%.	70-130	1	03/23/15 11:00	04/02/15 20:40	630-02-4	
8260 MSV	Analytical Method: EPA 8260B							
Benzene	**488**	ug/L	6.2	12.5		03/26/15 22:54	71-43-2	
Bromobenzene	ND	ug/L	6.2	12.5		03/26/15 22:54	108-86-1	
Bromochloromethane	ND	ug/L	6.2	12.5		03/26/15 22:54	74-97-5	L3
Bromodichloromethane	ND	ug/L	6.2	12.5		03/26/15 22:54	75-27-4	L3
Bromoform	ND	ug/L	6.2	12.5		03/26/15 22:54	75-25-2	L3
Bromomethane	ND	ug/L	250	12.5		03/26/15 22:54	74-83-9	
n-Butylbenzene	**27.8**	ug/L	6.2	12.5		03/26/15 22:54	104-51-8	
sec-Butylbenzene	**22.6**	ug/L	6.2	12.5		03/26/15 22:54	135-98-8	
tert-Butylbenzene	ND	ug/L	6.2	12.5		03/26/15 22:54	98-06-6	
Carbon tetrachloride	ND	ug/L	6.2	12.5		03/26/15 22:54	56-23-5	L3
Chlorobenzene	ND	ug/L	6.2	12.5		03/26/15 22:54	108-90-7	
Chloroethane	ND	ug/L	6.2	12.5		03/26/15 22:54	75-00-3	
Chloroform	ND	ug/L	6.2	12.5		03/26/15 22:54	67-66-3	L3
Chloromethane	ND	ug/L	6.2	12.5		03/26/15 22:54	74-87-3	L2
2-Chlorotoluene	ND	ug/L	12.5	12.5		03/26/15 22:54	95-49-8	
4-Chlorotoluene	ND	ug/L	12.5	12.5		03/26/15 22:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	6.2	12.5		03/26/15 22:54	96-12-8	L3
Dibromochloromethane	ND	ug/L	6.2	12.5		03/26/15 22:54	124-48-1	L3
1,2-Dibromoethane (EDB)	ND	ug/L	6.2	12.5		03/26/15 22:54	106-93-4	L3
Dibromomethane	ND	ug/L	6.2	12.5		03/26/15 22:54	74-95-3	L3
1,2-Dichlorobenzene	ND	ug/L	6.2	12.5		03/26/15 22:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	6.2	12.5		03/26/15 22:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	6.2	12.5		03/26/15 22:54	106-46-7	
Dichlorodifluoromethane	ND	ug/L	6.2	12.5		03/26/15 22:54	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	6.2	12.5		03/26/15 22:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	6.2	12.5		03/26/15 22:54	107-06-2	L1
1,1-Dichloroethene	ND	ug/L	6.2	12.5		03/26/15 22:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	6.2	12.5		03/26/15 22:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	6.2	12.5		03/26/15 22:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	6.2	12.5		03/26/15 22:54	78-87-5	
1,3-Dichloropropane	ND	ug/L	6.2	12.5		03/26/15 22:54	142-28-9	L3
2,2-Dichloropropane	ND	ug/L	6.2	12.5		03/26/15 22:54	594-20-7	L3
1,1-Dichloropropene	ND	ug/L	6.2	12.5		03/26/15 22:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	6.2	12.5		03/26/15 22:54	10061-01-5	L3
trans-1,3-Dichloropropene	ND	ug/L	6.2	12.5		03/26/15 22:54	10061-02-6	L3
Ethylbenzene	**1280**	ug/L	6.2	12.5		03/26/15 22:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	6.2	12.5		03/26/15 22:54	87-68-3	
Isopropylbenzene (Cumene)	**167**	ug/L	6.2	12.5		03/26/15 22:54	98-82-8	
p-Isopropyltoluene	**12.2**	ug/L	6.2	12.5		03/26/15 22:54	99-87-6	
Methylene Chloride	ND	ug/L	62.5	12.5		03/26/15 22:54	75-09-2	
Methyl-tert-butyl ether	**16.7**	ug/L	6.2	12.5		03/26/15 22:54	1634-04-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

ANALYTICAL RESULTS

Project: FORMER VAL STROUGH CHEVROLET
Pace Project No.: 1244497

Sample: MW9A **Lab ID: 1244497002** Collected: 03/13/15 10:28 Received: 03/16/15 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260B							
Naphthalene	**509**	ug/L	6.2	12.5		03/26/15 22:54	91-20-3	
n-Propylbenzene	**386**	ug/L	6.2	12.5		03/26/15 22:54	103-65-1	
Styrene	ND	ug/L	6.2	12.5		03/26/15 22:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	6.2	12.5		03/26/15 22:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	6.2	12.5		03/26/15 22:54	79-34-5	
Tetrachloroethene	ND	ug/L	6.2	12.5		03/26/15 22:54	127-18-4	L3
Toluene	**1570**	ug/L	6.2	12.5		03/26/15 22:54	108-88-3	
TPH as Gas	**35600**	ug/L	625	12.5		03/26/15 22:54		
1,2,3-Trichlorobenzene	ND	ug/L	6.2	12.5		03/26/15 22:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	6.2	12.5		03/26/15 22:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	6.2	12.5		03/26/15 22:54	71-55-6	L3
1,1,2-Trichloroethane	ND	ug/L	6.2	12.5		03/26/15 22:54	79-00-5	L3
Trichloroethene	ND	ug/L	6.2	12.5		03/26/15 22:54	79-01-6	L3
Trichlorofluoromethane	ND	ug/L	6.2	12.5		03/26/15 22:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	6.2	12.5		03/26/15 22:54	96-18-4	
1,2,4-Trimethylbenzene	**2690**	ug/L	6.2	12.5		03/26/15 22:54	95-63-6	E
1,3,5-Trimethylbenzene	**738**	ug/L	6.2	12.5		03/26/15 22:54	108-67-8	
Vinyl chloride	ND	ug/L	6.2	12.5		03/26/15 22:54	75-01-4	
m&p-Xylene	**3680**	ug/L	6.2	12.5		03/26/15 22:54	179601-23-1	
o-Xylene	**2260**	ug/L	6.2	12.5		03/26/15 22:54	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	97	%.	70-130	12.5		03/26/15 22:54	17060-07-0	
Toluene-d8 (S)	102	%.	70-130	12.5		03/26/15 22:54	2037-26-5	
4-Bromofluorobenzene (S)	109	%.	70-130	12.5		03/26/15 22:54	460-00-4	
8270 MSSV	Analytical Method: EPA 8270 Preparation Method: EPA 3520							
Phenol	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	108-95-2	
bis(2-Chloroethyl) ether	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	111-44-4	
2-Chlorophenol	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	95-57-8	
1,3-Dichlorobenzene	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	106-46-7	
Benzyl alcohol	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	100-51-6	
1,2-Dichlorobenzene	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	95-50-1	
2-Methylphenol(o-Cresol)	**47.7**	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	95-48-7	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	108-60-1	
3&4-Methylphenol(m&p Cresol)	**42.0**	ug/L	21.7	1	03/18/15 07:32	03/20/15 18:01		
N-Nitroso-di-n-propylamine	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	621-64-7	
Hexachloroethane	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	67-72-1	
Nitrobenzene	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	98-95-3	
Isophorone	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	78-59-1	
2-Nitrophenol	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	88-75-5	
2,4-Dimethylphenol	**58.9**	ug/L	54.3	1	03/18/15 07:32	03/20/15 18:01	105-67-9	
Benzoic acid	ND	ug/L	54.3	1	03/18/15 07:32	03/20/15 18:01	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	111-91-1	
2,4-Dichlorophenol	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	120-82-1	
Naphthalene	**441**	ug/L	54.3	5	03/18/15 07:32	03/23/15 11:00	91-20-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

ANALYTICAL RESULTS

Project: FORMER VAL STROUGH CHEVROLET
Pace Project No.: 1244497

Sample: MW9A **Lab ID: 1244497002** Collected: 03/13/15 10:28 Received: 03/16/15 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV	Analytical Method: EPA 8270 Preparation Method: EPA 3520							
4-Chloroaniline	ND	ug/L	54.3	1	03/18/15 07:32	03/20/15 18:01	106-47-8	
Hexachloro-1,3-butadiene	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	87-68-3	
4-Chloro-3-methylphenol	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	59-50-7	
2-Methylnaphthalene	**223**	ug/L	54.3	5	03/18/15 07:32	03/23/15 11:00	91-57-6	
Hexachlorocyclopentadiene	ND	ug/L	54.3	1	03/18/15 07:32	03/20/15 18:01	77-47-4	
2,4,6-Trichlorophenol	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	88-06-2	
2,4,5-Trichlorophenol	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	95-95-4	
2-Chloronaphthalene	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	91-58-7	
2-Nitroaniline	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	88-74-4	
Dimethylphthalate	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	131-11-3	
Acenaphthylene	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	208-96-8	
2,6-Dinitrotoluene	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	606-20-2	
3-Nitroaniline	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	99-09-2	
Acenaphthene	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	83-32-9	
2,4-Dinitrophenol	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	51-28-5	
4-Nitrophenol	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	100-02-7	
Dibenzofuran	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	132-64-9	
2,4-Dinitrotoluene	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	121-14-2	
Diethylphthalate	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	84-66-2	
4-Chlorophenylphenyl ether	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	7005-72-3	
Fluorene	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	86-73-7	
4-Nitroaniline	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	534-52-1	
N-Nitrosodiphenylamine	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	86-30-6	
4-Bromophenylphenyl ether	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	101-55-3	
Hexachlorobenzene	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	118-74-1	
Pentachlorophenol	ND	ug/L	21.7	1	03/18/15 07:32	03/20/15 18:01	87-86-5	
Phenanthrene	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	85-01-8	
Anthracene	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	120-12-7	
Di-n-butylphthalate	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	84-74-2	
Fluoranthene	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	206-44-0	
Pyrene	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	129-00-0	
Butylbenzylphthalate	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/L	54.3	1	03/18/15 07:32	03/20/15 18:01	91-94-1	
Benzo(a)anthracene	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	56-55-3	
Chrysene	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	117-81-7	
Di-n-octylphthalate	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	117-84-0	
Benzo(b)fluoranthene	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	205-99-2	
Benzo(k)fluoranthene	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	207-08-9	
Benzo(a)pyrene	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	193-39-5	
Dibenz(a,h)anthracene	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	53-70-3	
Benzo(g,h,i)perylene	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	191-24-2	
Pyridine	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	110-86-1	L2
N-Nitrosodimethylamine	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	62-75-9	
1,2-Diphenylhydrazine	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	122-66-7	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

ANALYTICAL RESULTS

Project: FORMER VAL STROUGH CHEVROLET
Pace Project No.: 1244497

Sample: MW9A **Lab ID: 1244497002** Collected: 03/13/15 10:28 Received: 03/16/15 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV	Analytical Method: EPA 8270 Preparation Method: EPA 3520							
Carbazole	ND	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	86-74-8	
1-Methylnaphthalene	**141**	ug/L	10.9	1	03/18/15 07:32	03/20/15 18:01	90-12-0	
Benzidine	ND	ug/L	54.3	1	03/18/15 07:32	03/20/15 18:01	92-87-5	L2,SS
Surrogates								
Nitrobenzene-d5 (S)	94	%.	54-125	1	03/18/15 07:32	03/20/15 18:01	4165-60-0	
2-Fluorobiphenyl (S)	90	%.	35-125	1	03/18/15 07:32	03/20/15 18:01	321-60-8	
p-Terphenyl-d14 (S)	88	%.	65-125	1	03/18/15 07:32	03/20/15 18:01	1718-51-0	
Phenol-d6 (S)	98	%.	55-125	1	03/18/15 07:32	03/20/15 18:01	13127-88-3	
2-Fluorophenol (S)	91	%.	51-125	1	03/18/15 07:32	03/20/15 18:01	367-12-4	
2,4,6-Tribromophenol (S)	111	%.	61-125	1	03/18/15 07:32	03/20/15 18:01	118-79-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

ANALYTICAL RESULTS

Project: FORMER VAL STROUGH CHEVROLET
Pace Project No.: 1244497

Sample: DPE1 **Lab ID: 1244497003** Collected: 03/13/15 11:05 Received: 03/16/15 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel Silica Gel	Analytical Method: EPA 8015B Preparation Method: EPA 3510							
TPH-DRO (C10-C28)	**0.13**	mg/L	0.050	1	03/23/15 11:00	04/07/15 21:06		
TPH - Motor Oil	ND	mg/L	0.10	1	03/23/15 11:00	04/07/15 21:06	64742-65-0	
Surrogates								
n-Octacosane (S)	124	%.	70-130	1	03/23/15 11:00	04/07/15 21:06	630-02-4	
8260 MSV	Analytical Method: EPA 8260B							
Benzene	**110**	ug/L	3.1	6.25		03/26/15 23:21	71-43-2	
Bromobenzene	ND	ug/L	3.1	6.25		03/26/15 23:21	108-86-1	
Bromochloromethane	ND	ug/L	3.1	6.25		03/26/15 23:21	74-97-5	L3
Bromodichloromethane	ND	ug/L	3.1	6.25		03/26/15 23:21	75-27-4	L3
Bromoform	ND	ug/L	3.1	6.25		03/26/15 23:21	75-25-2	L3
Bromomethane	ND	ug/L	125	6.25		03/26/15 23:21	74-83-9	
n-Butylbenzene	**20.7**	ug/L	3.1	6.25		03/26/15 23:21	104-51-8	
sec-Butylbenzene	**17.8**	ug/L	3.1	6.25		03/26/15 23:21	135-98-8	
tert-Butylbenzene	ND	ug/L	3.1	6.25		03/26/15 23:21	98-06-6	
Carbon tetrachloride	ND	ug/L	3.1	6.25		03/26/15 23:21	56-23-5	L3
Chlorobenzene	ND	ug/L	3.1	6.25		03/26/15 23:21	108-90-7	
Chloroethane	ND	ug/L	3.1	6.25		03/26/15 23:21	75-00-3	
Chloroform	ND	ug/L	3.1	6.25		03/26/15 23:21	67-66-3	L3
Chloromethane	ND	ug/L	3.1	6.25		03/26/15 23:21	74-87-3	L2
2-Chlorotoluene	ND	ug/L	6.2	6.25		03/26/15 23:21	95-49-8	
4-Chlorotoluene	ND	ug/L	6.2	6.25		03/26/15 23:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	3.1	6.25		03/26/15 23:21	96-12-8	L3
Dibromochloromethane	ND	ug/L	3.1	6.25		03/26/15 23:21	124-48-1	L3
1,2-Dibromoethane (EDB)	ND	ug/L	3.1	6.25		03/26/15 23:21	106-93-4	L3
Dibromomethane	ND	ug/L	3.1	6.25		03/26/15 23:21	74-95-3	L3
1,2-Dichlorobenzene	ND	ug/L	3.1	6.25		03/26/15 23:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	3.1	6.25		03/26/15 23:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	3.1	6.25		03/26/15 23:21	106-46-7	
Dichlorodifluoromethane	ND	ug/L	3.1	6.25		03/26/15 23:21	75-71-8	L2
1,1-Dichloroethane	ND	ug/L	3.1	6.25		03/26/15 23:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	3.1	6.25		03/26/15 23:21	107-06-2	L3
1,1-Dichloroethene	ND	ug/L	3.1	6.25		03/26/15 23:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	3.1	6.25		03/26/15 23:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	3.1	6.25		03/26/15 23:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	3.1	6.25		03/26/15 23:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	3.1	6.25		03/26/15 23:21	142-28-9	L3
2,2-Dichloropropane	ND	ug/L	3.1	6.25		03/26/15 23:21	594-20-7	L3
1,1-Dichloropropene	ND	ug/L	3.1	6.25		03/26/15 23:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	3.1	6.25		03/26/15 23:21	10061-01-5	L3
trans-1,3-Dichloropropene	ND	ug/L	3.1	6.25		03/26/15 23:21	10061-02-6	L3
Ethylbenzene	**561**	ug/L	3.1	6.25		03/26/15 23:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	3.1	6.25		03/26/15 23:21	87-68-3	
Isopropylbenzene (Cumene)	**77.8**	ug/L	3.1	6.25		03/26/15 23:21	98-82-8	
p-Isopropyltoluene	**9.4**	ug/L	3.1	6.25		03/26/15 23:21	99-87-6	
Methylene Chloride	ND	ug/L	31.2	6.25		03/26/15 23:21	75-09-2	
Methyl-tert-butyl ether	ND	ug/L	3.1	6.25		03/26/15 23:21	1634-04-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
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ANALYTICAL RESULTS

Project: FORMER VAL STROUGH CHEVROLET
Pace Project No.: 1244497

Sample: DPE1 **Lab ID: 1244497003** Collected: 03/13/15 11:05 Received: 03/16/15 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260B							
Naphthalene	**299**	ug/L	3.1	6.25		03/26/15 23:21	91-20-3	
n-Propylbenzene	**191**	ug/L	3.1	6.25		03/26/15 23:21	103-65-1	
Styrene	ND	ug/L	3.1	6.25		03/26/15 23:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	3.1	6.25		03/26/15 23:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.1	6.25		03/26/15 23:21	79-34-5	
Tetrachloroethene	ND	ug/L	3.1	6.25		03/26/15 23:21	127-18-4	L3
Toluene	**761**	ug/L	3.1	6.25		03/26/15 23:21	108-88-3	
TPH as Gas	**19900**	ug/L	312	6.25		03/26/15 23:21		
1,2,3-Trichlorobenzene	ND	ug/L	3.1	6.25		03/26/15 23:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	3.1	6.25		03/26/15 23:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	3.1	6.25		03/26/15 23:21	71-55-6	L3
1,1,2-Trichloroethane	ND	ug/L	3.1	6.25		03/26/15 23:21	79-00-5	L3
Trichloroethene	ND	ug/L	3.1	6.25		03/26/15 23:21	79-01-6	L3
Trichlorofluoromethane	ND	ug/L	3.1	6.25		03/26/15 23:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	3.1	6.25		03/26/15 23:21	96-18-4	
1,2,4-Trimethylbenzene	**1470**	ug/L	3.1	6.25		03/26/15 23:21	95-63-6	E
1,3,5-Trimethylbenzene	**421**	ug/L	3.1	6.25		03/26/15 23:21	108-67-8	
Vinyl chloride	ND	ug/L	3.1	6.25		03/26/15 23:21	75-01-4	
m&p-Xylene	**2290**	ug/L	3.1	6.25		03/26/15 23:21	179601-23-1	
o-Xylene	**1230**	ug/L	3.1	6.25		03/26/15 23:21	95-47-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	95	%.	70-130	6.25		03/26/15 23:21	17060-07-0	
Toluene-d8 (S)	103	%.	70-130	6.25		03/26/15 23:21	2037-26-5	
4-Bromofluorobenzene (S)	110	%.	70-130	6.25		03/26/15 23:21	460-00-4	
8270 MSSV	Analytical Method: EPA 8270 Preparation Method: EPA 3520							
Phenol	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	108-95-2	
bis(2-Chloroethyl) ether	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	111-44-4	
2-Chlorophenol	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	95-57-8	
1,3-Dichlorobenzene	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	106-46-7	
Benzyl alcohol	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	100-51-6	
1,2-Dichlorobenzene	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	95-50-1	
2-Methylphenol(o-Cresol)	**12.6**	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	95-48-7	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	108-60-1	
3&4-Methylphenol(m&p Cresol)	**29.7**	ug/L	20.8	1	03/18/15 07:32	03/20/15 18:30		
N-Nitroso-di-n-propylamine	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	621-64-7	
Hexachloroethane	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	67-72-1	
Nitrobenzene	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	98-95-3	
Isophorone	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	78-59-1	
2-Nitrophenol	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	88-75-5	
2,4-Dimethylphenol	ND	ug/L	52.1	1	03/18/15 07:32	03/20/15 18:30	105-67-9	
Benzoic acid	ND	ug/L	52.1	1	03/18/15 07:32	03/20/15 18:30	65-85-0	
bis(2-Chloroethoxy)methane	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	111-91-1	
2,4-Dichlorophenol	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	120-83-2	
1,2,4-Trichlorobenzene	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	120-82-1	
Naphthalene	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	91-20-3	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

ANALYTICAL RESULTS

Project: FORMER VAL STROUGH CHEVROLET
Pace Project No.: 1244497

Sample: DPE1 **Lab ID: 1244497003** Collected: 03/13/15 11:05 Received: 03/16/15 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV	Analytical Method: EPA 8270 Preparation Method: EPA 3520							
4-Chloroaniline	ND	ug/L	52.1	1	03/18/15 07:32	03/20/15 18:30	106-47-8	
Hexachloro-1,3-butadiene	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	87-68-3	
4-Chloro-3-methylphenol	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	59-50-7	
2-Methylnaphthalene	**53.3**	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	91-57-6	
Hexachlorocyclopentadiene	ND	ug/L	52.1	1	03/18/15 07:32	03/20/15 18:30	77-47-4	
2,4,6-Trichlorophenol	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	88-06-2	
2,4,5-Trichlorophenol	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	95-95-4	
2-Chloronaphthalene	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	91-58-7	
2-Nitroaniline	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	88-74-4	
Dimethylphthalate	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	131-11-3	
Acenaphthylene	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	208-96-8	
2,6-Dinitrotoluene	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	606-20-2	
3-Nitroaniline	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	99-09-2	
Acenaphthene	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	83-32-9	
2,4-Dinitrophenol	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	51-28-5	
4-Nitrophenol	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	100-02-7	
Dibenzofuran	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	132-64-9	
2,4-Dinitrotoluene	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	121-14-2	
Diethylphthalate	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	84-66-2	
4-Chlorophenylphenyl ether	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	7005-72-3	
Fluorene	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	86-73-7	
4-Nitroaniline	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	100-01-6	
4,6-Dinitro-2-methylphenol	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	534-52-1	
N-Nitrosodiphenylamine	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	86-30-6	
4-Bromophenylphenyl ether	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	101-55-3	
Hexachlorobenzene	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	118-74-1	
Pentachlorophenol	ND	ug/L	20.8	1	03/18/15 07:32	03/20/15 18:30	87-86-5	
Phenanthrene	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	85-01-8	
Anthracene	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	120-12-7	
Di-n-butylphthalate	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	84-74-2	
Fluoranthene	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	206-44-0	
Pyrene	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	129-00-0	
Butylbenzylphthalate	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	85-68-7	
3,3'-Dichlorobenzidine	ND	ug/L	52.1	1	03/18/15 07:32	03/20/15 18:30	91-94-1	
Benzo(a)anthracene	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	56-55-3	
Chrysene	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	218-01-9	
bis(2-Ethylhexyl)phthalate	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	117-81-7	
Di-n-octylphthalate	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	117-84-0	
Benzo(b)fluoranthene	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	205-99-2	
Benzo(k)fluoranthene	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	207-08-9	
Benzo(a)pyrene	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	50-32-8	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	193-39-5	
Dibenz(a,h)anthracene	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	53-70-3	
Benzo(g,h,i)perylene	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	191-24-2	
Pyridine	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	110-86-1	L2
N-Nitrosodimethylamine	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	62-75-9	
1,2-Diphenylhydrazine	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	122-66-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FORMER VAL STROUGH CHEVROLET
Pace Project No.: 1244497

Sample: DPE1 **Lab ID: 1244497003** Collected: 03/13/15 11:05 Received: 03/16/15 08:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV	Analytical Method: EPA 8270 Preparation Method: EPA 3520							
Carbazole	ND	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	86-74-8	
1-Methylnaphthalene	**57.9**	ug/L	10.4	1	03/18/15 07:32	03/20/15 18:30	90-12-0	
Benzidine	ND	ug/L	52.1	1	03/18/15 07:32	03/20/15 18:30	92-87-5	L2,SS
Surrogates								
Nitrobenzene-d5 (S)	74	%.	54-125	1	03/18/15 07:32	03/20/15 18:30	4165-60-0	
2-Fluorobiphenyl (S)	76	%.	35-125	1	03/18/15 07:32	03/20/15 18:30	321-60-8	
p-Terphenyl-d14 (S)	79	%.	65-125	1	03/18/15 07:32	03/20/15 18:30	1718-51-0	
Phenol-d6 (S)	78	%.	55-125	1	03/18/15 07:32	03/20/15 18:30	13127-88-3	
2-Fluorophenol (S)	68	%.	51-125	1	03/18/15 07:32	03/20/15 18:30	367-12-4	
2,4,6-Tribromophenol (S)	96	%.	61-125	1	03/18/15 07:32	03/20/15 18:30	118-79-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

QUALITY CONTROL DATA

Project: FORMER VAL STROUGH CHEVROLET
Pace Project No.: 1244497

QC Batch: DAOP/1022 Analysis Method: EPA 8015B
QC Batch Method: EPA 3510 Analysis Description: 8015 GCS
Associated Lab Samples: 1244497001, 1244497002, 1244497003

METHOD BLANK: 194218 Matrix: Water
Associated Lab Samples: 1244497001, 1244497002, 1244497003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH - Motor Oil	mg/L	ND	0.10	04/08/15 15:52	
TPH-DRO (C10-C28)	mg/L	ND	0.050	04/08/15 15:52	
n-Octacosane (S)	%.	115	70-130	04/08/15 15:52	

LABORATORY CONTROL SAMPLE: 194219

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
TPH-DRO (C10-C28)	mg/L	1	0.83	83	70-130	
n-Octacosane (S)	%.			123	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 194220 194221

Parameter	Units	1244497001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
TPH-DRO (C10-C28)	mg/L	0.32	1	1	1.3	1.2	95	92	70-130	2	25	
n-Octacosane (S)	%.						126	128	70-130			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
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QUALITY CONTROL DATA

Project: FORMER VAL STROUGH CHEVROLET
Pace Project No.: 1244497

QC Batch: DAVM/1068 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260 MSV
Associated Lab Samples: 1244497001, 1244497002, 1244497003

METHOD BLANK: 194293 Matrix: Water
Associated Lab Samples: 1244497001, 1244497002, 1244497003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	0.50	03/23/15 13:32	
1,1,1-Trichloroethane	ug/L	ND	0.50	03/23/15 13:32	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.50	03/23/15 13:32	
1,1,2-Trichloroethane	ug/L	ND	0.50	03/23/15 13:32	
1,1-Dichloroethane	ug/L	ND	0.50	03/23/15 13:32	
1,1-Dichloroethene	ug/L	ND	0.50	03/23/15 13:32	
1,1-Dichloropropene	ug/L	ND	0.50	03/23/15 13:32	
1,2,3-Trichlorobenzene	ug/L	ND	0.50	03/23/15 13:32	
1,2,3-Trichloropropane	ug/L	ND	0.50	03/23/15 13:32	
1,2,4-Trichlorobenzene	ug/L	ND	0.50	03/23/15 13:32	
1,2,4-Trimethylbenzene	ug/L	ND	0.50	03/23/15 13:32	
1,2-Dibromo-3-chloropropane	ug/L	ND	0.50	03/23/15 13:32	
1,2-Dibromoethane (EDB)	ug/L	ND	0.50	03/23/15 13:32	
1,2-Dichlorobenzene	ug/L	ND	0.50	03/23/15 13:32	
1,2-Dichloroethane	ug/L	ND	0.50	03/23/15 13:32	
1,2-Dichloropropane	ug/L	ND	0.50	03/23/15 13:32	
1,3,5-Trimethylbenzene	ug/L	ND	0.50	03/23/15 13:32	
1,3-Dichlorobenzene	ug/L	ND	0.50	03/23/15 13:32	
1,3-Dichloropropane	ug/L	ND	0.50	03/23/15 13:32	
1,4-Dichlorobenzene	ug/L	ND	0.50	03/23/15 13:32	
2,2-Dichloropropane	ug/L	ND	0.50	03/23/15 13:32	
2-Chlorotoluene	ug/L	ND	1.0	03/23/15 13:32	
4-Chlorotoluene	ug/L	ND	1.0	03/23/15 13:32	
Benzene	ug/L	ND	0.50	03/23/15 13:32	
Bromobenzene	ug/L	ND	0.50	03/23/15 13:32	
Bromochloromethane	ug/L	ND	0.50	03/23/15 13:32	
Bromodichloromethane	ug/L	ND	0.50	03/23/15 13:32	
Bromoform	ug/L	ND	0.50	03/23/15 13:32	
Bromomethane	ug/L	ND	20.0	03/23/15 13:32	
Carbon tetrachloride	ug/L	ND	0.50	03/23/15 13:32	
Chlorobenzene	ug/L	ND	0.50	03/23/15 13:32	
Chloroethane	ug/L	ND	0.50	03/23/15 13:32	
Chloroform	ug/L	ND	0.50	03/23/15 13:32	
Chloromethane	ug/L	ND	0.50	03/23/15 13:32	
cis-1,2-Dichloroethene	ug/L	ND	0.50	03/23/15 13:32	
cis-1,3-Dichloropropene	ug/L	ND	0.50	03/23/15 13:32	
Dibromochloromethane	ug/L	ND	0.50	03/23/15 13:32	
Dibromomethane	ug/L	ND	0.50	03/23/15 13:32	
Dichlorodifluoromethane	ug/L	ND	0.50	03/23/15 13:32	
Ethylbenzene	ug/L	ND	0.50	03/23/15 13:32	
Hexachloro-1,3-butadiene	ug/L	ND	0.50	03/23/15 13:32	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

QUALITY CONTROL DATA

Project: FORMER VAL STROUGH CHEVROLET
Pace Project No.: 1244497

METHOD BLANK: 194293 Matrix: Water
Associated Lab Samples: 1244497001, 1244497002, 1244497003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Isopropylbenzene (Cumene)	ug/L	ND	0.50	03/23/15 13:32	
m&p-Xylene	ug/L	ND	0.50	03/23/15 13:32	
Methyl-tert-butyl ether	ug/L	ND	0.50	03/23/15 13:32	
Methylene Chloride	ug/L	ND	5.0	03/23/15 13:32	
n-Butylbenzene	ug/L	ND	0.50	03/23/15 13:32	
n-Propylbenzene	ug/L	ND	0.50	03/23/15 13:32	
Naphthalene	ug/L	ND	0.50	03/23/15 13:32	
o-Xylene	ug/L	ND	0.50	03/23/15 13:32	
p-Isopropyltoluene	ug/L	ND	0.50	03/23/15 13:32	
sec-Butylbenzene	ug/L	ND	0.50	03/23/15 13:32	
Styrene	ug/L	ND	0.50	03/23/15 13:32	
tert-Butylbenzene	ug/L	ND	0.50	03/23/15 13:32	
Tetrachloroethene	ug/L	ND	0.50	03/23/15 13:32	
Toluene	ug/L	ND	0.50	03/23/15 13:32	
TPH as Gas	ug/L	ND	50.0	03/23/15 13:32	
trans-1,2-Dichloroethene	ug/L	ND	0.50	03/23/15 13:32	
trans-1,3-Dichloropropene	ug/L	ND	0.50	03/23/15 13:32	
Trichloroethene	ug/L	ND	0.50	03/23/15 13:32	
Trichlorofluoromethane	ug/L	ND	0.50	03/23/15 13:32	
Vinyl chloride	ug/L	ND	0.50	03/23/15 13:32	
1,2-Dichloroethane-d4 (S)	%.	106	70-130	03/23/15 13:32	
4-Bromofluorobenzene (S)	%.	106	70-130	03/23/15 13:32	
Toluene-d8 (S)	%.	114	70-130	03/23/15 13:32	

LABORATORY CONTROL SAMPLE: 194294

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	40	49.9	125	70-130	
1,1,1-Trichloroethane	ug/L	40	59.8	149	70-130	L0
1,1,2,2-Tetrachloroethane	ug/L	40	41.9	105	70-130	
1,1,2-Trichloroethane	ug/L	40	53.9	135	70-130	L0
1,1-Dichloroethane	ug/L	40	47.8	120	70-130	
1,1-Dichloroethene	ug/L	40	43.7	109	70-130	
1,1-Dichloropropene	ug/L	40	49.0	122	70-130	
1,2,3-Trichlorobenzene	ug/L	40	37.8	95	70-130	
1,2,3-Trichloropropane	ug/L	40	44.3	111	70-130	
1,2,4-Trichlorobenzene	ug/L	40	36.8	92	70-130	
1,2,4-Trimethylbenzene	ug/L	40	41.8	105	70-130	
1,2-Dibromo-3-chloropropane	ug/L	100	144	144	70-130	L0
1,2-Dibromoethane (EDB)	ug/L	40	60.0	150	70-130	L0
1,2-Dichlorobenzene	ug/L	40	36.5	91	70-130	
1,2-Dichloroethane	ug/L	40	53.6	134	70-130	L0
1,2-Dichloropropane	ug/L	40	48.1	120	70-130	
1,3,5-Trimethylbenzene	ug/L	40	41.7	104	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

QUALITY CONTROL DATA

Project: FORMER VAL STROUGH CHEVROLET
Pace Project No.: 1244497

LABORATORY CONTROL SAMPLE: 194294

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,3-Dichlorobenzene	ug/L	40	41.2	103	70-130	
1,3-Dichloropropane	ug/L	40	53.2	133	70-130	L0
1,4-Dichlorobenzene	ug/L	40	35.8	89	70-130	
2,2-Dichloropropane	ug/L	40	60.4	151	70-130	L0
2-Chlorotoluene	ug/L	40	39.5	99	70-130	
4-Chlorotoluene	ug/L	40	39.8	99	70-130	
Benzene	ug/L	40	47.4	119	70-130	
Bromobenzene	ug/L	40	41.6	104	70-130	
Bromochloromethane	ug/L	40	54.3	136	70-130	L0
Bromodichloromethane	ug/L	40	57.7	144	70-130	L0
Bromoform	ug/L	40	56.0	140	70-135	L0
Bromomethane	ug/L	40	39.2	98	50-135	
Carbon tetrachloride	ug/L	40	71.3	178	70-130	L0
Chlorobenzene	ug/L	40	39.5	99	70-130	
Chloroethane	ug/L	40	50.2	126	70-130	
Chloroform	ug/L	40	52.3	131	70-130	L0
Chloromethane	ug/L	40	26.5	66	70-130	L0
cis-1,2-Dichloroethene	ug/L	40	48.8	122	70-130	
cis-1,3-Dichloropropene	ug/L	40	57.8	145	70-130	L0
Dibromochloromethane	ug/L	40	67.1	168	70-130	L0
Dibromomethane	ug/L	40	55.4	138	70-130	L0
Dichlorodifluoromethane	ug/L	40	14.8	37	65-140	L0
Ethylbenzene	ug/L	40	37.8	95	70-130	
Hexachloro-1,3-butadiene	ug/L	40	38.2	95	70-130	
Isopropylbenzene (Cumene)	ug/L	40	40.5	101	70-130	
m&p-Xylene	ug/L	80	78.9	99	70-130	
Methyl-tert-butyl ether	ug/L	40	50.7	127	70-130	
Methylene Chloride	ug/L	40	48.6	122	70-130	
n-Butylbenzene	ug/L	40	35.6	89	70-130	
n-Propylbenzene	ug/L	40	39.5	99	70-130	
Naphthalene	ug/L	40	41.6	104	70-130	
o-Xylene	ug/L	40	40.3	101	70-130	
p-Isopropyltoluene	ug/L	40	42.6	107	70-130	
sec-Butylbenzene	ug/L	40	41.3	103	70-130	
Styrene	ug/L	40	41.0	102	70-130	
tert-Butylbenzene	ug/L	40	41.5	104	70-130	
Tetrachloroethene	ug/L	40	56.8	142	70-130	L0
Toluene	ug/L	40	51.5	129	70-130	
trans-1,2-Dichloroethene	ug/L	40	47.3	118	70-130	
trans-1,3-Dichloropropene	ug/L	40	64.8	162	70-130	L0
Trichloroethene	ug/L	40	52.4	131	70-130	L0
Trichlorofluoromethane	ug/L	40	46.8	117	70-130	
Vinyl chloride	ug/L	40	35.7	89	70-130	
1,2-Dichloroethane-d4 (S)	%.			106	70-130	
4-Bromofluorobenzene (S)	%.			110	70-130	
Toluene-d8 (S)	%.			118	70-130	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

QUALITY CONTROL DATA

Project: FORMER VAL STROUGH CHEVROLET
Pace Project No.: 1244497

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 194297 194298

Parameter	Units	1244423001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L		40	40	49.1	49.9	123	125	70-130	2	25	
1,1,1-Trichloroethane	ug/L	ND	40	40	57.9	57.6	145	144	70-130	1	25	M0
1,1,2,2-Tetrachloroethane	ug/L	ND	40	40	42.0	42.3	105	106	70-130	1	25	
1,1,2-Trichloroethane	ug/L	ND	40	40	52.7	53.3	132	133	70-130	1	25	M0
1,1-Dichloroethane	ug/L	ND	40	40	47.9	48.7	120	122	70-130	2	25	
1,1-Dichloroethene	ug/L	ND	40	40	44.8	45.5	112	114	70-130	2	25	
1,1-Dichloropropene	ug/L		40	40	48.1	49.3	120	123	70-130	2	25	
1,2,3-Trichlorobenzene	ug/L		40	40	36.8	36.5	92	91	70-130	1	25	
1,2,3-Trichloropropane	ug/L		40	40	43.4	43.3	108	108	70-130	0	25	
1,2,4-Trichlorobenzene	ug/L		40	40	36.0	35.6	90	89	70-130	1	25	
1,2,4-Trimethylbenzene	ug/L		40	40	41.4	41.7	103	104	70-130	1	25	
1,2-Dibromo-3-chloropropane	ug/L		100	100	143	140	143	140	70-130	2	25	M0
1,2-Dibromoethane (EDB)	ug/L	ND	40	40	59.0	59.1	147	148	70-130	0	25	M0
1,2-Dichlorobenzene	ug/L	ND	40	40	36.0	36.3	90	91	70-130	1	25	
1,2-Dichloroethane	ug/L	ND	40	40	51.8	51.2	130	128	70-130	1	25	
1,2-Dichloropropane	ug/L	ND	40	40	47.9	49.7	120	124	70-130	4	25	
1,3,5-Trimethylbenzene	ug/L		40	40	41.0	41.4	103	104	70-130	1	25	
1,3-Dichlorobenzene	ug/L	ND	40	40	40.2	40.3	100	101	70-130	0	25	
1,3-Dichloropropane	ug/L		40	40	52.2	52.5	131	131	70-130	1	25	M0
1,4-Dichlorobenzene	ug/L	ND	40	40	35.1	35.1	88	88	70-130	0	25	
2,2-Dichloropropane	ug/L		40	40	60.7	61.2	152	153	70-130	1	25	M0
2-Chlorotoluene	ug/L		40	40	38.9	39.3	97	98	70-130	1	25	
4-Chlorotoluene	ug/L		40	40	38.9	39.0	97	97	70-130	0	25	
Benzene	ug/L		40	40	48.4	48.4	121	121	70-130	0	25	
Bromobenzene	ug/L		40	40	41.0	41.3	103	103	70-130	1	25	
Bromochloromethane	ug/L		40	40	54.0	54.2	135	136	70-130	1	25	M0
Bromodichloromethane	ug/L	ND	40	40	56.9	56.9	142	142	70-130	0	25	M0
Bromoform	ug/L	ND	40	40	54.8	55.1	137	138	70-135	1	25	M0
Bromomethane	ug/L	ND	40	40	42.9	42.3	104	102	50-135	1	25	
Carbon tetrachloride	ug/L	ND	40	40	70.6	69.6	176	174	70-130	1	25	M0
Chlorobenzene	ug/L	ND	40	40	39.2	39.8	98	100	70-130	2	25	
Chloroethane	ug/L	ND	40	40	46.9	45.4	117	114	70-130	3	25	
Chloroform	ug/L	ND	40	40	51.2	51.2	127	127	70-130	0	25	
Chloromethane	ug/L	ND	40	40	28.2	28.1	71	70	70-130	1	25	
cis-1,2-Dichloroethene	ug/L	0.63	40	40	49.7	49.9	123	123	70-130	0	25	
cis-1,3-Dichloropropene	ug/L	ND	40	40	57.0	57.5	142	144	70-130	1	25	M0
Dibromochloromethane	ug/L	ND	40	40	65.1	64.8	163	162	70-130	1	25	M0
Dibromomethane	ug/L		40	40	54.4	54.1	136	135	70-130	1	25	M0
Dichlorodifluoromethane	ug/L		40	40	14.2	13.6	35	34	65-140	4	25	M0
Ethylbenzene	ug/L		40	40	37.4	37.8	93	95	70-130	1	25	
Hexachloro-1,3-butadiene	ug/L		40	40	37.1	36.5	93	91	70-130	2	25	
Isopropylbenzene (Cumene)	ug/L		40	40	39.6	40.1	99	100	70-130	1	25	
m&p-Xylene	ug/L		80	80	78.1	79.1	98	99	70-130	1	25	
Methyl-tert-butyl ether	ug/L		40	40	52.5	52.6	131	131	70-130	0	25	M1
Methylene Chloride	ug/L	ND	40	40	49.0	49.9	122	125	70-130	2	25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

QUALITY CONTROL DATA

Project: FORMER VAL STROUGH CHEVROLET
Pace Project No.: 1244497

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 194297 194298

Parameter	Units	1244423001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
n-Butylbenzene	ug/L		40	40	35.4	35.3	88	88	70-130	0	25	
n-Propylbenzene	ug/L		40	40	38.7	39.2	97	98	70-130	1	25	
Naphthalene	ug/L		40	40	40.9	40.7	102	102	70-130	0	25	
o-Xylene	ug/L		40	40	39.9	40.7	100	102	70-130	2	25	
p-Isopropyltoluene	ug/L		40	40	41.6	41.9	104	105	70-130	1	25	
sec-Butylbenzene	ug/L		40	40	40.5	40.9	101	102	70-130	1	25	
Styrene	ug/L		40	40	40.1	40.4	100	101	70-130	1	25	
tert-Butylbenzene	ug/L		40	40	40.5	41.4	101	103	70-130	2	25	
Tetrachloroethene	ug/L	19.3	40	40	71.4	70.3	130	128	70-130	2	25	
Toluene	ug/L		40	40	50.0	50.4	125	126	70-130	1	25	
trans-1,2-Dichloroethene	ug/L	ND	40	40	47.8	48.1	119	120	70-130	1	25	
trans-1,3-Dichloropropene	ug/L	ND	40	40	63.3	62.6	158	157	70-130	1	25	M0
Trichloroethene	ug/L	ND	40	40	52.0	52.6	129	131	70-130	1	25	M0
Trichlorofluoromethane	ug/L	ND	40	40	45.1	47.2	113	118	70-130	5	25	
Vinyl chloride	ug/L	ND	40	40	36.4	35.9	91	90	70-130	1	25	
1,2-Dichloroethane-d4 (S)	%.						106	107	70-130			
4-Bromofluorobenzene (S)	%.						112	112	70-130			
Toluene-d8 (S)	%.						117	116	70-130			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

QUALITY CONTROL DATA

Project: FORMER VAL STROUGH CHEVROLET
Pace Project No.: 1244497

QC Batch: OEXT/28565 Analysis Method: EPA 8270
QC Batch Method: EPA 3520 Analysis Description: 8270 Water MSSV
Associated Lab Samples: 1244497001, 1244497002, 1244497003

METHOD BLANK: 1920282 Matrix: Water
Associated Lab Samples: 1244497001, 1244497002, 1244497003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	10.0	03/20/15 16:06	
1,2-Dichlorobenzene	ug/L	ND	10.0	03/20/15 16:06	
1,2-Diphenylhydrazine	ug/L	ND	10.0	03/20/15 16:06	
1,3-Dichlorobenzene	ug/L	ND	10.0	03/20/15 16:06	
1,4-Dichlorobenzene	ug/L	ND	10.0	03/20/15 16:06	
1-Methylnaphthalene	ug/L	ND	10.0	03/20/15 16:06	
2,4,5-Trichlorophenol	ug/L	ND	10.0	03/20/15 16:06	
2,4,6-Trichlorophenol	ug/L	ND	10.0	03/20/15 16:06	
2,4-Dichlorophenol	ug/L	ND	10.0	03/20/15 16:06	
2,4-Dimethylphenol	ug/L	ND	50.0	03/20/15 16:06	
2,4-Dinitrophenol	ug/L	ND	10.0	03/20/15 16:06	
2,4-Dinitrotoluene	ug/L	ND	10.0	03/20/15 16:06	
2,6-Dinitrotoluene	ug/L	ND	10.0	03/20/15 16:06	
2-Chloronaphthalene	ug/L	ND	10.0	03/20/15 16:06	
2-Chlorophenol	ug/L	ND	10.0	03/20/15 16:06	
2-Methylnaphthalene	ug/L	ND	10.0	03/20/15 16:06	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	03/20/15 16:06	
2-Nitroaniline	ug/L	ND	10.0	03/20/15 16:06	
2-Nitrophenol	ug/L	ND	10.0	03/20/15 16:06	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	20.0	03/20/15 16:06	
3,3'-Dichlorobenzidine	ug/L	ND	50.0	03/20/15 16:06	
3-Nitroaniline	ug/L	ND	10.0	03/20/15 16:06	
4,6-Dinitro-2-methylphenol	ug/L	ND	10.0	03/20/15 16:06	
4-Bromophenylphenyl ether	ug/L	ND	10.0	03/20/15 16:06	
4-Chloro-3-methylphenol	ug/L	ND	10.0	03/20/15 16:06	
4-Chloroaniline	ug/L	ND	50.0	03/20/15 16:06	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	03/20/15 16:06	
4-Nitroaniline	ug/L	ND	10.0	03/20/15 16:06	
4-Nitrophenol	ug/L	ND	10.0	03/20/15 16:06	
Acenaphthene	ug/L	ND	10.0	03/20/15 16:06	
Acenaphthylene	ug/L	ND	10.0	03/20/15 16:06	
Anthracene	ug/L	ND	10.0	03/20/15 16:06	
Benzidine	ug/L	ND	50.0	03/20/15 16:06	SS
Benzo(a)anthracene	ug/L	ND	10.0	03/20/15 16:06	
Benzo(a)pyrene	ug/L	ND	10.0	03/20/15 16:06	
Benzo(b)fluoranthene	ug/L	ND	10.0	03/20/15 16:06	
Benzo(g,h,i)perylene	ug/L	ND	10.0	03/20/15 16:06	
Benzo(k)fluoranthene	ug/L	ND	10.0	03/20/15 16:06	
Benzoic acid	ug/L	ND	50.0	03/20/15 16:06	
Benzyl alcohol	ug/L	ND	10.0	03/20/15 16:06	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	03/20/15 16:06	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

QUALITY CONTROL DATA

Project: FORMER VAL STROUGH CHEVROLET
Pace Project No.: 1244497

METHOD BLANK: 1920282 Matrix: Water
Associated Lab Samples: 1244497001, 1244497002, 1244497003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Chloroethyl) ether	ug/L	ND	10.0	03/20/15 16:06	
bis(2-Chloroisopropyl) ether	ug/L	ND	10.0	03/20/15 16:06	
bis(2-Ethylhexyl)phthalate	ug/L	ND	10.0	03/20/15 16:06	
Butylbenzylphthalate	ug/L	ND	10.0	03/20/15 16:06	
Carbazole	ug/L	ND	10.0	03/20/15 16:06	
Chrysene	ug/L	ND	10.0	03/20/15 16:06	
Di-n-butylphthalate	ug/L	ND	10.0	03/20/15 16:06	
Di-n-octylphthalate	ug/L	ND	10.0	03/20/15 16:06	
Dibenz(a,h)anthracene	ug/L	ND	10.0	03/20/15 16:06	
Dibenzofuran	ug/L	ND	10.0	03/20/15 16:06	
Diethylphthalate	ug/L	ND	10.0	03/20/15 16:06	
Dimethylphthalate	ug/L	ND	10.0	03/20/15 16:06	
Fluoranthene	ug/L	ND	10.0	03/20/15 16:06	
Fluorene	ug/L	ND	10.0	03/20/15 16:06	
Hexachloro-1,3-butadiene	ug/L	ND	10.0	03/20/15 16:06	
Hexachlorobenzene	ug/L	ND	10.0	03/20/15 16:06	
Hexachlorocyclopentadiene	ug/L	ND	50.0	03/20/15 16:06	
Hexachloroethane	ug/L	ND	10.0	03/20/15 16:06	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	03/20/15 16:06	
Isophorone	ug/L	ND	10.0	03/20/15 16:06	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	03/20/15 16:06	
N-Nitrosodimethylamine	ug/L	ND	10.0	03/20/15 16:06	
N-Nitrosodiphenylamine	ug/L	ND	10.0	03/20/15 16:06	
Naphthalene	ug/L	ND	10.0	03/20/15 16:06	
Nitrobenzene	ug/L	ND	10.0	03/20/15 16:06	
Pentachlorophenol	ug/L	ND	20.0	03/20/15 16:06	
Phenanthrene	ug/L	ND	10.0	03/20/15 16:06	
Phenol	ug/L	ND	10.0	03/20/15 16:06	
Pyrene	ug/L	ND	10.0	03/20/15 16:06	
Pyridine	ug/L	ND	10.0	03/20/15 16:06	
2,4,6-Tribromophenol (S)	%.	115	61-125	03/20/15 16:06	
2-Fluorobiphenyl (S)	%.	103	35-125	03/20/15 16:06	
2-Fluorophenol (S)	%.	95	51-125	03/20/15 16:06	
Nitrobenzene-d5 (S)	%.	106	54-125	03/20/15 16:06	
p-Terphenyl-d14 (S)	%.	113	65-125	03/20/15 16:06	
Phenol-d6 (S)	%.	100	55-125	03/20/15 16:06	

LABORATORY CONTROL SAMPLE & LCSD: 1920283 1920284

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	40.6	44.3	81	89	58-125	9	20	
1,2-Dichlorobenzene	ug/L	50	37.0	40.0	74	80	51-125	8	20	
1,2-Diphenylhydrazine	ug/L	50	46.7	50.2	93	100	68-125	7	20	
1,3-Dichlorobenzene	ug/L	50	35.6	38.7	71	77	48-125	8	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

QUALITY CONTROL DATA

Project: FORMER VAL STROUGH CHEVROLET
Pace Project No.: 1244497

LABORATORY CONTROL SAMPLE & LCSD: 1920283 1920284

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,4-Dichlorobenzene	ug/L	50	36.0	39.0	72	78	49-125	8	20	
1-Methylnaphthalene	ug/L	50	42.5	46.6	85	93	68-125	9	20	
2,4,5-Trichlorophenol	ug/L	50	44.1	48.4	88	97	69-125	9	20	
2,4,6-Trichlorophenol	ug/L	50	44.9	48.2	90	96	70-125	7	20	
2,4-Dichlorophenol	ug/L	50	42.8	46.5	86	93	67-125	8	20	
2,4-Dimethylphenol	ug/L	50	37.4J	41.8J	75	84	40-125		20	
2,4-Dinitrophenol	ug/L	50	40.7	43.3	81	87	30-125	6	20	
2,4-Dinitrotoluene	ug/L	50	46.1	49.3	92	99	70-125	7	20	
2,6-Dinitrotoluene	ug/L	50	46.1	49.6	92	99	70-125	7	20	
2-Chloronaphthalene	ug/L	50	44.6	48.0	89	96	68-125	7	20	
2-Chlorophenol	ug/L	50	40.5	43.7	81	87	52-125	8	20	
2-Methylnaphthalene	ug/L	50	43.3	47.3	87	95	66-125	9	20	
2-Methylphenol(o-Cresol)	ug/L	50	40.5	45.3	81	91	62-125	11	20	
2-Nitroaniline	ug/L	50	45.8	50.7	92	101	69-125	10	20	
2-Nitrophenol	ug/L	50	42.6	46.9	85	94	57-125	10	20	
3&4-Methylphenol(m&p Cresol)	ug/L	50	41.5	44.8	83	90	62-125	8	20	
3,3'-Dichlorobenzidine	ug/L	50	47.3J	52.1	95	104	59-125		20	
3-Nitroaniline	ug/L	50	53.2	58.8	106	118	65-125	10	20	
4,6-Dinitro-2-methylphenol	ug/L	50	44.9	47.9	90	96	37-125	7	20	
4-Bromophenylphenyl ether	ug/L	50	46.2	48.8	92	98	71-125	6	20	
4-Chloro-3-methylphenol	ug/L	50	45.4	48.7	91	97	70-125	7	20	
4-Chloroaniline	ug/L	50	44.9J	48.5J	90	97	45-125		20	
4-Chlorophenylphenyl ether	ug/L	50	45.5	49.6	91	99	71-125	9	20	
4-Nitroaniline	ug/L	50	43.8	47.9	88	96	67-125	9	20	
4-Nitrophenol	ug/L	50	45.0	48.8	90	98	57-125	8	20	
Acenaphthene	ug/L	50	45.8	49.9	92	100	70-125	9	20	
Acenaphthylene	ug/L	50	44.9	48.3	90	97	70-125	7	20	
Anthracene	ug/L	50	45.5	49.1	91	98	71-125	8	20	
Benzidine	ug/L	50	ND	ND	0	0	30-125		20	L0,SS
Benzo(a)anthracene	ug/L	50	45.0	48.9	90	98	70-125	8	20	
Benzo(a)pyrene	ug/L	50	44.6	48.8	89	98	68-125	9	20	
Benzo(b)fluoranthene	ug/L	50	46.6	49.5	93	99	70-125	6	20	
Benzo(g,h,i)perylene	ug/L	50	44.8	48.8	90	98	68-125	8	20	
Benzo(k)fluoranthene	ug/L	50	44.2	49.5	88	99	68-125	11	20	
Benzoic acid	ug/L	50	31.9J	24.4J	64	49	30-125		20	
Benzyl alcohol	ug/L	50	42.2	45.1	84	90	62-125	7	20	
bis(2-Chloroethoxy)methane	ug/L	50	42.6	46.3	85	93	59-125	8	20	
bis(2-Chloroethyl) ether	ug/L	50	40.9	43.5	82	87	68-125	6	20	
bis(2-Chloroisopropyl) ether	ug/L	50	40.0	44.5	80	89	44-125	11	20	
bis(2-Ethylhexyl)phthalate	ug/L	50	45.9	50.4	92	101	44-125	9	20	
Butylbenzylphthalate	ug/L	50	45.7	49.8	91	100	69-125	8	20	
Carbazole	ug/L	50	46.1	49.1	92	98	71-125	6	20	
Chrysene	ug/L	50	44.7	48.5	89	97	70-125	8	20	
Di-n-butylphthalate	ug/L	50	45.8	49.7	92	99	72-125	8	20	
Di-n-octylphthalate	ug/L	50	44.8	49.1	90	98	70-125	9	20	
Dibenz(a,h)anthracene	ug/L	50	44.6	48.8	89	98	69-125	9	20	
Dibenzofuran	ug/L	50	45.6	49.2	91	98	71-125	8	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

QUALITY CONTROL DATA

Project: FORMER VAL STROUGH CHEVROLET
Pace Project No.: 1244497

LABORATORY CONTROL SAMPLE & LCSD: 1920283 1920284

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Diethylphthalate	ug/L	50	46.0	49.5	92	99	70-125	7	20	
Dimethylphthalate	ug/L	50	46.6	49.4	93	99	71-125	6	20	
Fluoranthene	ug/L	50	46.4	49.2	93	98	72-125	6	20	
Fluorene	ug/L	50	45.5	49.7	91	99	71-125	9	20	
Hexachloro-1,3-butadiene	ug/L	50	39.4	42.7	79	85	53-125	8	20	
Hexachlorobenzene	ug/L	50	46.3	48.7	93	97	69-125	5	20	
Hexachlorocyclopentadiene	ug/L	50	22.3J	24.7J	45	49	30-125		20	
Hexachloroethane	ug/L	50	34.9	38.0	70	76	30-125	9	20	
Indeno(1,2,3-cd)pyrene	ug/L	50	44.5	48.9	89	98	68-125	9	20	
Isophorone	ug/L	50	44.0	47.3	88	95	66-125	7	20	
N-Nitroso-di-n-propylamine	ug/L	50	41.5	44.8	83	90	59-125	7	20	
N-Nitrosodimethylamine	ug/L	50	41.6	44.4	83	89	37-125	7	20	
N-Nitrosodiphenylamine	ug/L	50	45.4	49.4	91	99	70-125	8	20	
Naphthalene	ug/L	50	41.1	45.0	82	90	58-125	9	20	
Nitrobenzene	ug/L	50	42.4	45.7	85	91	52-125	8	20	
Pentachlorophenol	ug/L	50	45.0	46.8	90	94	50-128	4	20	
Phenanthrene	ug/L	50	46.5	49.8	93	100	72-125	7	20	
Phenol	ug/L	50	40.9	44.3	82	89	55-125	8	20	
Pyrene	ug/L	50	45.1	48.3	90	97	71-125	7	20	
Pyridine	ug/L	50	ND	ND	1	1	30-125		20	L0
2,4,6-Tribromophenol (S)	%.				96	107	61-125			
2-Fluorobiphenyl (S)	%.				87	92	35-125			
2-Fluorophenol (S)	%.				81	87	51-125			
Nitrobenzene-d5 (S)	%.				84	93	54-125			
p-Terphenyl-d14 (S)	%.				91	100	65-125			
Phenol-d6 (S)	%.				84	91	55-125			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
2795 Second Street - Suite 300
Davis, CA 95618
(530) 297-4800

QUALIFIERS

Project: FORMER VAL STROUGH CHEVROLET
Pace Project No.: 1244497

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-DAV	Pace Analytical Services - Davis
PASI-M	Pace Analytical Services - Minneapolis

BATCH QUALIFIERS

Batch: MSSV/12043

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

E	Analyte concentration exceeded the calibration range. The reported result is estimated.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results may be biased low.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
SS	This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FORMER VAL STROUGH CHEVROLET
Pace Project No.: 1244497

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
1244497001	**MW2**	EPA 3510	DAOP/1022	EPA 8015B	DASG/1021
1244497002	**MW9A**	EPA 3510	DAOP/1022	EPA 8015B	DASG/1021
1244497003	**DPE1**	EPA 3510	DAOP/1022	EPA 8015B	DASG/1021
1244497001	**MW2**	EPA 8260B	DAVM/1068		
1244497002	**MW9A**	EPA 8260B	DAVM/1068		
1244497003	**DPE1**	EPA 8260B	DAVM/1068		
1244497001	**MW2**	EPA 3520	OEXT/28565	EPA 8270	MSSV/12043
1244497002	**MW9A**	EPA 3520	OEXT/28565	EPA 8270	MSSV/12043
1244497003	**DPE1**	EPA 3520	OEXT/28565	EPA 8270	MSSV/12043

KIFF Analytical LLC

2795 2nd Street, Suite 300
Davis, CA 95618
Lab: 530.297.4800
Fax: 530.297.4802

SRG # / Lab No. 1244497

Page ___ of ___

Chain-of-Custody Record and Analysis Request

Project Contact (Hardcopy or PDF To): **MERHDAD JAVAHERIAN**	California EDF Report? ☑ Yes ☐ No
Company / Address: **LRM CONSULTING** **1534 PLAZA LANE, 94010**	Sampling Company Log Code:
Phone Number: **415.706.8935**	Global ID: **T06001201644**
Fax Number:	EDF Deliverable To (Email Address):
Project #: **TM STROUGH** P.O. #:	Bill to:
Project Name: **FORMER VAL STROUGH CHEVROLET**	Sampler Print Name: **SCOTT POLSTON**
	Sampler Signature:

Project Address: **327 34TH STREET OAKLAND, CA 94609**

Analysis Request — PLEASE CIRCLE METHOD

TAT: ☐ 12 hr ☐ 24 hr ☐ 48hr ☐ 72hr ☑ 1 wk

Sample Designation	Sampling: Date	Sampling: Time	Container: 40 ml VOA	Container: Sleeve	Container: Poly	Container: Glass	Container: Tedlar	Preservative: HCl	Preservative: HNO_3	Preservative: None	Matrix: Water	Matrix: Soil	Matrix: Air	MTBE @ 0.5 ppb (EPA 8260B)	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (MTBE, DIPE, ETBE, TAME, TBA) (EPA 8260B)	7 Oxygenates (5 oxy + EtOH, MeOH) (EPA 8260B)	Lead Scav. (1,2 DCA & 1,2 EDB) (EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 524.2 Drinking Water)	TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	CAM 17 Metals (EPA 200.7 / 6010)	5 Waste Oil Metals (Cd,Cr,Ni,Pb,Zn) (EPA 200.7 / 6010)	Mercury (EPA 245.1 / 7470 / 7471)	Total Lead (EPA 200.7 / 6010)	8270	SILICA GEL CLEAN UP	For Lab Use Only
MW2	3/13/2015	9:41	X			X		X			X			X	X	X					X		X	X					X	X	001
MW9A	3/13/2015	10:28	X			X		X			X			X	X	X					X		X	X					X	X	002
DPE1	3/13/2015	11:05	X			X		X			X			X	X	X					X		X	X					X	X	003

Relinquished by:	Date	Time	Received by:
	3/16/15	0820	
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by: Pace
	031615	0820	Michelle Spunn

Remarks:

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
					Yes / No

Distribution: White - Lab; Pink - Originator
Rev: 052011

Pace Analytical®	Document Name: Sample Condition Upon Receipt Form	Document Revised: 25Feb2015 Page 1 of 1
	Document No.: F-DAV-C-002-rev.02	Issuing Authority: Pace Davis, CA Quality Office

Sample Condition Upon Receipt

Client Name: LRM Consulting

Project #: WO# : 1244497

1244497

Courier: ☐Fed Ex ☐UPS ☐USPS ☑Client ☐Commercial ☐Pace ☐OnTrac ☐Other:

Tracking Number:

Custody Seal on Cooler/Box Present? ☐Yes ☑No **Seals Intact?** ☐Yes ☑No

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☐Bubble Wrap ☐Bubble Bags ☑None ☐Other: **Temp Blank?** ☐Yes ☑No

Thermom. Used: ☐DA1434 ☒DA2285 **Type of Ice:** ☑Wet ☐Blue ☐Dry Ice ☐None ☐Samples on ice, cooling process has begun

Cooler Temp Read(°C): 2.8 **Cooler Temp Corrected(°C):** 2.8 **Biological Tissue Frozen?** ☐Yes ☐No ☑N/A

Temp should be above freezing to 6°C **Correction Factor:** 0 **Date and Initials of Person Examining Contents:** 031615

				Comments:
Chain of Custody Present?	☑Yes	☐No	☐N/A	1.
Chain of Custody Filled Out?	☑Yes	☐No	☐N/A	2.
Chain of Custody Relinquished?	☑Yes	☐No	☐N/A	3.
Sampler Name and/or Signature on COC?	☑Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time?	☑Yes	☐No	☐N/A	5.
Short Hold Time Analysis (<72 hr)?	☐Yes	☑No	☐N/A	6.
Rush Turn Around Time Requested?	☐Yes	☑No	☐N/A	7.
Sufficient Volume?	☑Yes	☐No	☐N/A	8.
Correct Containers Used?	☑Yes	☐No	☐N/A	9.
-Pace Containers Used?	☑Yes	☐No	☐N/A	
Containers Intact?	☑Yes	☐No	☐N/A	10.
Filtered Volume Received for Dissolved Tests?	☐Yes	☐No	☑N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels Match COC? -Includes Date/Time/ID/Analysis Matrix: WT	☑Yes	☐No	☐N/A	12.
All containers needing acid/base preservation have been checked?	☐Yes	☐No	☑N/A	13. ☐HNO_3 ☐H_2SO_4 ☐NaOH ☐HCl
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl<2; NaOH >9 Sulfide, NaOH>12 Cyanide)	☐Yes	☐No	☑N/A	Sample #
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC	☑Yes	☐No		Initial when completed: Lot # of added preservative:
Headspace in VOA Vials (>6mm)?	☐Yes	☑No	☐N/A	14.
Trip Blank Present?	☐Yes	☑No	☐N/A	15.
Trip Blank Custody Seals Present?	☐Yes	☐No	☑N/A	
Pace Trip Blank Lot # (if purchased):				

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐Yes ☐No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: Date: 3/19/15

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

ATTACHMENT 3

McCampbell Analytical, Inc.
"When Quality Counts"

Analytical Report

WorkOrder: 1504A90

Report Created for: LRM Consulting, Inc.

1534 Plaza Lane, #145
Burlingame, CA 94010

Project Contact: Mehrdad Javaherian
Project P.O.:
Project Name: TM STROYR

Project Received: 04/27/2015

Analytical Report reviewed & approved for release on 05/05/2015 by:

Angela Rydelius,
Laboratory Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current NELAP standards, where applicable, unless otherwise stated in the case narrative.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: LRM Consulting, Inc.
Project: TM STROYR
WorkOrder: 1504A90

Glossary Abbreviation

95% Interval	95% Confident Interval
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DUP	Duplicate
EDL	Estimated Detection Limit
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

Analytical Qualifiers

e2	diesel range compounds are significant; no recognizable pattern
e7	oil range compounds are significant

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Analytical Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1504A90
Project:	TM STROYR	**Extraction Method:**	SW5030B
Date Received:	4/27/15 17:57	**Analytical Method:**	SW8260B
Date Prepared:	4/27/15	**Unit:**	mg/kg

TPH(g) by Purge & Trap and GC/MS

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-14-3	1504A90-001A	Soil	04/27/2015 08:27	GC16	104127

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	0.25	1	05/05/2015 00:28

Surrogates	REC (%)	Limits	
Dibromofluoromethane	97	70-130	05/05/2015 00:28

Analyst(s): KF

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-14-6	1504A90-002A	Soil	04/27/2015 08:35	GC38	104127

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	0.25	1	05/04/2015 17:22

Surrogates	REC (%)	Limits	
Dibromofluoromethane	101	70-130	05/04/2015 17:22

Analyst(s): KF

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-14-9	1504A90-003A	Soil	04/27/2015 08:43	GC16	104127

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	0.25	1	05/05/2015 01:10

Surrogates	REC (%)	Limits	
Dibromofluoromethane	98	70-130	05/05/2015 01:10

Analyst(s): KF

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-15-3	1504A90-004A	Soil	04/27/2015 09:13	GC16	104127

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	0.25	1	05/05/2015 01:53

Surrogates	REC (%)	Limits	
Dibromofluoromethane	99	70-130	05/05/2015 01:53

Analyst(s): KF

(Cont.)

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Analytical Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1504A90
Project:	TM STROYR	**Extraction Method:**	SW5030B
Date Received:	4/27/15 17:57	**Analytical Method:**	SW8260B
Date Prepared:	4/27/15	**Unit:**	mg/kg

TPH(g) by Purge & Trap and GC/MS

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-15-6	**1504A90-005A**	**Soil**	**04/27/2015 09:18**	**GC38**	**104158**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	0.25	1	05/04/2015 18:00

Surrogates	REC (%)	Limits	
Dibromofluoromethane	104	70-130	05/04/2015 18:00

Analyst(s): KF

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-15-9	**1504A90-006A**	**Soil**	**04/27/2015 09:36**	**GC16**	**104158**

Analytes	Result	RL	DF	Date Analyzed
TPH(g)	ND	0.25	1	05/05/2015 02:35

Surrogates	REC (%)	Limits	
Dibromofluoromethane	99	70-130	05/05/2015 02:35

Analyst(s): KF

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Analytical Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1504A90
Project:	TM STROYR	**Extraction Method:**	SW3550B
Date Received:	4/27/15 17:57	**Analytical Method:**	SW8015B
Date Prepared:	4/27/15	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-14-3	1504A90-001A	Soil	04/27/2015 08:27	GC6B	104135

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**1.1**	1.0	1	05/02/2015 03:06
Surrogates	**REC (%)**	**Limits**		
C9	113	70-130		05/02/2015 03:06

Analyst(s): TK Analytical Comments: e2

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-14-6	1504A90-002A	Soil	04/27/2015 08:35	GC6B	104135

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**1.1**	1.0	1	05/02/2015 09:02
Surrogates	**REC (%)**	**Limits**		
C9	112	70-130		05/02/2015 09:02

Analyst(s): TK Analytical Comments: e7,e2

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-14-9	1504A90-003A	Soil	04/27/2015 08:43	GC6B	104135

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**1.4**	1.0	1	05/02/2015 12:36
Surrogates	**REC (%)**	**Limits**		
C9	113	70-130		05/02/2015 12:36

Analyst(s): TK Analytical Comments: e7,e2

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-15-3	1504A90-004A	Soil	04/27/2015 09:13	GC6B	104135

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	05/02/2015 16:13
Surrogates	**REC (%)**	**Limits**		
C9	113	70-130		05/02/2015 16:13

Analyst(s): TK

(Cont.)

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Analytical Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1504A90
Project:	TM STROYR	**Extraction Method:**	SW3550B
Date Received:	4/27/15 17:57	**Analytical Method:**	SW8015B
Date Prepared:	4/27/15	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-15-6	**1504A90-005A**	**Soil**	**04/27/2015 09:18**	**GC6B**	**104135**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	05/01/2015 23:33
Surrogates	**REC (%)**	**Limits**		
C9	112	70-130		05/01/2015 23:33

Analyst(s): TK

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
SB-15-9	**1504A90-006A**	**Soil**	**04/27/2015 09:36**	**GC6B**	**104135**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	1.0	1	05/02/2015 19:49
Surrogates	**REC (%)**	**Limits**		
C9	111	70-130		05/02/2015 19:49

Analyst(s): TK

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Quality Control Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1504A90
Date Prepared:	4/27/15	**BatchID:**	104127
Date Analyzed:	4/28/15	**Extraction Method:**	SW5030B
Instrument:	GC10	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	TM STROYR	**Sample ID:**	MB/LCS-104127

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
VOC (C6-C12)	ND	3.45	0.25	3.2	-	108	74-142
Surrogate Recovery							
Dibromofluoromethane	0.137	0.141		0.12	110	113	72-126

(Cont.)

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Quality Control Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1504A90
Date Prepared:	4/27/15	**BatchID:**	104158
Date Analyzed:	5/3/15 - 5/4/15	**Extraction Method:**	SW5030B
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	TM STROYR	**Sample ID:**	MB/LCS-104158

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
VOC (C6-C12)	ND	2.58	0.25	3.2	-	81	74-142
Surrogate Recovery							
Dibromofluoromethane	0.122	0.122		0.12	97	98	72-126

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Quality Control Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1504A90
Date Prepared:	4/27/15	**BatchID:**	104135
Date Analyzed:	4/28/15	**Extraction Method:**	SW3550B
Instrument:	GC11A, GC6A	**Analytical Method:**	SW8015B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	TM STROYR	**Sample ID:**	MB/LCS-104135 1504A70-001AMS/MSD

QC Summary Report for SW8015B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH-Diesel (C10-C23)	ND	37.5	1.0	40	-	94	70-130
TPH-Motor Oil (C18-C36)	ND	-	5.0	-	-	-	-
Surrogate Recovery							
C9	17.8	23.7		25	71	95	70-130

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	NR	NR		880	NR	NR	-	NR	
Surrogate Recovery									
C9	NR	NR			NR	NR	-	NR	

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 1504A90 **ClientCode: LRMC**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Mehrdad Javaherian
LRM Consulting, Inc.
1534 Plaza Lane, #145
Burlingame, CA 94010
(415) 706-8935 FAX:

Email: mjavaherian@lrm-consulting.com
cc/3rd Party:
PO:
ProjectNo: TM STROYR

Bill to:
Accounts Payable
LRM Consulting, Inc.
1534 Plaza Lane, #145
Burlingame, CA 94010

Requested TAT: 5 days

Date Received: **04/27/2015**
Date Printed: **04/28/2015**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1504A90-001	SB-14-3	Soil	4/27/2015 8:27	☐	A	B	B	A								
1504A90-002	SB-14-6	Soil	4/27/2015 8:35	☐	A			A								
1504A90-003	SB-14-9	Soil	4/27/2015 8:43	☐	A			A								
1504A90-004	SB-15-3	Soil	4/27/2015 9:13	☐	A	B	B	A								
1504A90-005	SB-15-6	Soil	4/27/2015 9:18	☐	A			A								
1504A90-006	SB-15-9	Soil	4/27/2015 9:36	☐	A			A								

Test Legend:

1	8260GAS_S	2	Moisture Density	3	Porosity/Permeability_S	4	TPH(D)_S	5	
6		7		8		9		10	
11		12							

Prepared by: Jena Alfaro

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: LRM CONSULTING, INC. **QC Level:** LEVEL 2 **Work Order:** 1504A90
Project: TM STROYR **Client Contact:** Mehrdad Javaherian **Date Received:** 4/27/2015
Comments: **Contact's Email:** mjavaherian@lrm-consulting.com

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1504A90-001A	SB-14-3	Soil	SW8015B (Diesel)	1	Acetate Liner	☐	4/27/2015 8:27	5 days		☐	
			SW8260B (TPH(g))			☐		5 days		☐	
1504A90-001B	SB-14-3	Soil	D5084 (Porosity/Permeability)	1	Acetate Liner	☐	4/27/2015 8:27	5 days		☐	SubOut
			Moisture & Density (SUB)			☐		5 days		☐	SubOut
1504A90-002A	SB-14-6	Soil	SW8015B (Diesel)	1	Acetate Liner	☐	4/27/2015 8:35	5 days		☐	
			SW8260B (TPH(g))			☐		5 days		☐	
1504A90-003A	SB-14-9	Soil	SW8015B (Diesel)	1	Acetate Liner	☐	4/27/2015 8:43	5 days		☐	
			SW8260B (TPH(g))			☐		5 days		☐	
1504A90-004A	SB-15-3	Soil	SW8015B (Diesel)	1	Acetate Liner	☐	4/27/2015 9:13	5 days		☐	
			SW8260B (TPH(g))			☐		5 days		☐	
1504A90-004B	SB-15-3	Soil	D5084 (Porosity/Permeability)	1	Acetate Liner	☐	4/27/2015 9:13	5 days		☐	SubOut
			Moisture & Density (SUB)			☐		5 days		☐	SubOut
1504A90-005A	SB-15-6	Soil	SW8015B (Diesel)	1	Acetate Liner	☐	4/27/2015 9:18	5 days		☐	
			SW8260B (TPH(g))			☐		5 days		☐	
1504A90-006A	SB-15-9	Soil	SW8015B (Diesel)	1	Acetate Liner	☐	4/27/2015 9:36	5 days		☐	
			SW8260B (TPH(g))			☐		5 days		☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

1504A90

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CHAIN OF CUSTODY RECORD

TURN AROUND TIME: RUSH ☐ 1 DAY ☐ 2 DAY ☐ 3 DAY ☐ 5 DAY ☐ (circled)

GeoTracker EDF ☐ PDF ☐ EDD ☐ Write On (DW) ☐ EQuIS ☐ 10 DAY ☐

Effluent Sample Requiring "J" flag ☐ **UST Clean Up Fund Project** ☐; **Claim #**______

Report To: MehRDAD **Bill To:** LRM
Company: LRM
1534 PLAZA LN # 145 Burlingame 94010
Tele: (415) 706-8935 **E-Mail:**
Project #: Tim Strong **Project Name:**
Project Location: 327 [illegible] 27th St **Purchase Order#**
Sampler Signature: [signature]

Analysis Request

SAMPLE ID	Location/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	MATRIX Ground Water	Waste Water	Drinking Water	Sea Water	Soil	Air	Sludge	Other	METHOD PRESERVED HCL	HNO_3	Other	BTEX & TPH as Gas (8021/ 8015) MTBE	TPH as Diesel (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)***	LUFT 5 Metals (200.8 / 6020)***	Metals (200.8 / 6020)***	Lab to Filter sample for Dissolved metals analysis	TPH-G 8260B	TPH-D-8015	porosity	moisture content	
SB-14-3		4/27/15	0827	2					X						X																X	X	X	X	
SB-14-6		↓	0835	1					↓						↓																↓	↓			
SB-14-9			0843	1																															
SB-15-3			0913	2					X																						X	X	X	X	
SB-15-6			0918	1					↓																						↓	↓			
SB-15-9		↓	0936	1											↓																				

**MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

*** If metals are requested for water samples and the water type is not specified on the chain of custody, then MAI will default to metals by E200.8.

Relinquished By:	Date:	Time:	Received By:
[signature]	4/27/15	1437	[signature]
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° ______
GOOD CONDITION ______
HEAD SPACE ABSENT ______
DECHLORINATED IN LAB ______
APPROPRIATE CONTAINERS ______
PRESERVED IN LAB ______

VOAS O&G METALS OTHER
PRESERVATION ______ pH<2 ______

COMMENTS:

HAZARDOUS:

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Sample Receipt Checklist

Client Name:	**LRM Consulting, Inc.**	Date and Time Received:	**4/27/2015 5:57:08 PM**
Project Name:	**TM STROYR**	LogIn Reviewed by:	Jena Alfaro
WorkOrder №:	**1504A90** Matrix: Soil	Carrier:	Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Sample/Temp Blank temperature	Temp:		NA ☑
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	NA ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
pH acceptable upon receipt (Metal: <2; 522: <4; 218.7: >8)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☐	No ☑	

UCMR3 Samples:

Total Chlorine tested and acceptable upon receipt for EPA 522?	Yes ☐	No ☐	NA ☑
Free Chlorine tested and acceptable upon receipt for EPA 218.7, 300.1, 537, 539?	Yes ☐	No ☐	NA ☑

** NOTE: If the "No" box is checked, see comments below.*

Comments:

ATTACHMENT 4

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Analytical Report

WorkOrder: 1505013

Report Created for: LRM Consulting, Inc.

1534 Plaza Lane, #145
Burlingame, CA 94010

Project Contact: Mehrdad Javaherian
Project P.O.:
Project Name: TM Strough; Former Val Strough

Project Received: 05/01/2015

Analytical Report reviewed & approved for release on 05/11/2015 by:

Angela Rydelius,
Laboratory Manager

McCampbell Analytical, Inc.
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Glossary of Terms & Qualifier Definitions

Client: LRM Consulting, Inc.
Project: TM Strough; Former Val Strough
WorkOrder: 1505013

Glossary Abbreviation

95% Interval	95% Confident Interval
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DUP	Duplicate
EDL	Estimated Detection Limit
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
N/A	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

Quality Control Qualifiers

F2	LCS recovery for this compound is outside of acceptance limits.

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Analytical Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1505013
Project:	TM Strough; Former Val Strough	**Extraction Method:**	ASTM D 1946-90
Date Received:	5/1/15 13:11	**Analytical Method:**	ASTM D 1946-90
Date Prepared:	5/4/15	**Unit:**	%

Helium

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
VM-1	**1505013-001A**	**SoilGas**	**04/30/2015 09:45**	**GC26**	**104526**

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.67	**25.27**	**GM**

Analytes	Result	RL	DF	Date Analyzed
Helium	ND	0.050	1	05/04/2015 12:28

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
VM-2	**1505013-002A**	**SoilGas**	**04/30/2015 10:28**	**GC26**	**104526**

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.62	**25.17**	**GM**

Analytes	Result	RL	DF	Date Analyzed
Helium	ND	0.050	1	05/04/2015 12:41

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Analytical Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1505013
Project:	TM Strough; Former Val Strough	**Extraction Method:**	ASTM D 1946-90
Date Received:	5/1/15 13:11	**Analytical Method:**	ASTM D 1946-90
Date Prepared:	5/4/15	**Unit:**	uL/L

Light Gases

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
VM-1	**1505013-001A**	**SoilGas**	**04/30/2015 09:45**	**GC26**	**104532**

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.67	**25.27**	**GM**

Analytes	Result	RL	DF	Date Analyzed
Oxygen	**160,000**	4000	1	05/04/2015 16:01

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
VM-2	**1505013-002A**	**SoilGas**	**04/30/2015 10:28**	**GC26**	**104532**

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.62	**25.17**	**GM**

Analytes	Result	RL	DF	Date Analyzed
Oxygen	**160,000**	4000	1	05/04/2015 16:11

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Analytical Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1505013
Project:	TM Strough; Former Val Strough	**Extraction Method:**	TO15
Date Received:	5/1/15 13:11	**Analytical Method:**	TO15
Date Prepared:	5/9/15	**Unit:**	µg/m³

Volatile Organic Compounds in µg/m³

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
VM-1	**1505013-001A**	**SoilGas**	**04/30/2015 09:45**	**GC24**	**104681**

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.67	**25.27**	**GM**

Analytes	Result	RL	DF	Date Analyzed
Benzene	**18**	1.6	1	05/09/2015 07:24
Ethylbenzene	**5.9**	2.2	1	05/09/2015 07:24
Naphthalene	ND	5.3	1	05/09/2015 07:24
Surrogates	**REC (%)**	**Limits**		
1,2-DCA-d4	93	70-130		05/09/2015 07:24
Toluene-d8	99	70-130		05/09/2015 07:24
4-BFB	94	70-130		05/09/2015 07:24

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
VM-2	**1505013-002A**	**SoilGas**	**04/30/2015 10:28**	**GC24**	**104681**

Initial Pressure (psia)	Final Pressure (psia)	Analyst(s)
12.62	**25.17**	**GM**

Analytes	Result	RL	DF	Date Analyzed
Benzene	**58**	16	10	05/09/2015 06:34
Ethylbenzene	**180**	22	10	05/09/2015 06:34
Naphthalene	**110**	53	10	05/09/2015 06:34
Surrogates	**REC (%)**	**Limits**		
1,2-DCA-d4	84	70-130		05/09/2015 06:34
Toluene-d8	97	70-130		05/09/2015 06:34
4-BFB	97	70-130		05/09/2015 06:34

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Quality Control Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1505013
Date Prepared:	5/6/15	**BatchID:**	104526
Date Analyzed:	5/4/15	**Extraction Method:**	ASTM D 1946-90
Instrument:	GC26	**Analytical Method:**	ASTM D 1946-90
Matrix:	Soilgas	**Unit:**	%
Project:	TM Strough; Former Val Strough	**Sample ID:**	MB/LCS-104526

QC Summary Report for ASTM D1946-90

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Helium	ND	ND	0.050	0.010	-	81	60-140

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Quality Control Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1505013
Date Prepared:	5/4/15	**BatchID:**	104532
Date Analyzed:	5/4/15	**Extraction Method:**	ASTM D 1946-90
Instrument:	GC26	**Analytical Method:**	ASTM D 1946-90
Matrix:	SoilGas	**Unit:**	uL/L
Project:	TM Strough; Former Val Strough	**Sample ID:**	MB/LCS-104532

QC Summary Report for ASTM D1946-90

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Oxygen	ND	6160	4000	7000	-	88	70-130

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Quality Control Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1505013
Date Prepared:	5/11/15	**BatchID:**	104681
Date Analyzed:	5/8/15	**Extraction Method:**	TO15
Instrument:	GC24	**Analytical Method:**	TO15
Matrix:	Soilgas	**Unit:**	nL/L
Project:	TM Strough; Former Val Strough	**Sample ID:**	MB/LCS-104681

QC Summary Report for TO15

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acetone	ND	21.4	25	25	-	86	60-140
Acrolein	ND	17.5	0.50	25	-	70	60-140
Acrylonitrile	ND	22.4	0.50	25	-	89	60-140
tert-Amyl methyl ether (TAME)	ND	29.6	0.50	25	-	118	60-140
Benzene	ND	24.0	0.50	25	-	96	60-140
Benzyl chloride	ND	24.4	0.50	25	-	98	60-140
Bromodichloromethane	ND	27.0	0.50	25	-	108	60-140
Bromoform	ND	30.9	0.50	25	-	124	60-140
Bromomethane	ND	26.8	0.50	25	-	107	60-140
1,3-Butadiene	ND	37.2	0.50	25	-	149, F2	60-140
2-Butanone (MEK)	ND	25.5	25	25	-	102	60-140
t-Butyl alcohol (TBA)	ND	25.5	10	25	-	102	60-140
Carbon Disulfide	ND	24.9	0.50	25	-	99	60-140
Carbon Tetrachloride	ND	26.8	0.50	25	-	107	60-140
Chlorobenzene	ND	23.1	0.50	25	-	92	60-140
Chloroethane	ND	30.2	0.50	25	-	121	60-140
Chloroform	ND	22.3	0.50	25	-	89	60-140
Chloromethane	ND	23.7	0.50	25	-	95	60-140
Cyclohexane	ND	25.5	5.0	25	-	102	60-140
Dibromochloromethane	ND	29.9	0.50	25	-	120	60-140
1,2-Dibromo-3-chloropropane	ND	31.3	0.012	25	-	125	60-140
1,2-Dibromoethane (EDB)	ND	25.5	0.50	25	-	102	60-140
1,2-Dichlorobenzene	ND	24.1	0.50	25	-	96	60-140
1,3-Dichlorobenzene	ND	25.2	0.50	25	-	101	60-140
1,4-Dichlorobenzene	ND	24.1	0.50	25	-	97	60-140
Dichlorodifluoromethane	ND	22.0	0.50	25	-	88	60-140
1,1-Dichloroethane	ND	22.4	0.50	25	-	90	60-140
1,2-Dichloroethane (1,2-DCA)	ND	22.8	0.50	25	-	91	60-140
1,1-Dichloroethene	ND	23.3	0.50	25	-	93	60-140
cis-1,2-Dichloroethene	ND	27.5	0.50	25	-	110	60-140
trans-1,2-Dichloroethene	ND	26.9	0.50	25	-	108	60-140
1,2-Dichloropropane	ND	22.6	0.50	25	-	91	60-140
cis-1,3-Dichloropropene	ND	26.8	0.50	25	-	107	60-140
trans-1,3-Dichloropropene	ND	26.9	0.50	25	-	107	60-140
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	25.5	0.50	25	-	102	60-140
Diisopropyl ether (DIPE)	ND	23.5	0.50	25	-	94	60-140
1,4-Dioxane	ND	23.0	0.50	25	-	92	60-140
Ethanol	ND	19.9	50	25	-	80	60-140
Ethyl acetate	ND	22.6	0.50	25	-	90	60-140
Ethyl tert-butyl ether (ETBE)	ND	26.8	0.50	25	-	107	60-140

(Cont.)

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Quality Control Report

Client:	LRM Consulting, Inc.	**WorkOrder:**	1505013
Date Prepared:	5/11/15	**BatchID:**	104681
Date Analyzed:	5/8/15	**Extraction Method:**	TO15
Instrument:	GC24	**Analytical Method:**	TO15
Matrix:	Soilgas	**Unit:**	nL/L
Project:	TM Strough; Former Val Strough	**Sample ID:**	MB/LCS-104681

QC Summary Report for TO15

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Ethylbenzene	ND	23.7	0.50	25	-	95	60-140
4-Ethyltoluene	ND	24.7	0.50	25	-	99	60-140
Freon 113	ND	24.0	0.50	25	-	96	60-140
Heptane	ND	21.1	5.0	25	-	84	60-140
Hexachlorobutadiene	ND	27.0	0.50	25	-	108	60-140
Hexane	ND	24.1	5.0	25	-	96	60-140
2-Hexanone	ND	25.0	0.50	25	-	100	60-140
4-Methyl-2-pentanone (MIBK)	ND	21.4	0.50	25	-	86	60-140
Methyl-t-butyl ether (MTBE)	ND	26.6	0.50	25	-	106	60-140
Methylene chloride	ND	23.8	0.50	25	-	95	60-140
Methyl methacrylate	ND	26.2	0.50	25	-	105	60-140
Naphthalene	ND	39.1	1.0	50	-	78	60-140
Propene	ND	24.2	50	25	-	97	60-140
Styrene	ND	25.4	0.50	25	-	101	60-140
1,1,1,2-Tetrachloroethane	ND	26.6	0.50	25	-	106	60-140
1,1,2,2-Tetrachloroethane	ND	27.4	0.50	25	-	110	60-140
Tetrachloroethene	ND	24.6	0.50	25	-	98	60-140
Tetrahydrofuran	ND	19.4	0.50	25	-	78	60-140
Toluene	ND	23.6	0.50	25	-	95	60-140
1,2,4-Trichlorobenzene	ND	25.4	0.50	25	-	101	60-140
1,1,1-Trichloroethane	ND	24.8	0.50	25	-	99	60-140
1,1,2-Trichloroethane	ND	24.1	0.50	25	-	96	60-140
Trichloroethene	ND	24.5	0.50	25	-	98	60-140
Trichlorofluoromethane	ND	18.9	0.50	25	-	76	60-140
1,2,4-Trimethylbenzene	ND	23.9	0.50	25	-	96	60-140
1,3,5-Trimethylbenzene	ND	23.3	0.50	25	-	93	60-140
Vinyl Acetate	ND	23.9	0.50	25	-	95	60-140
Vinyl Chloride	ND	27.4	0.50	25	-	109	60-140
Xylenes, Total	ND	77.2	1.5	75	-	103	60-140
Surrogate Recovery							
1,2-DCA-d4	421	439		500	84	88	60-140
Toluene-d8	497	511		500	99	102	60-140
4-BFB	457	473		500	91	95	60-140

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1505013 **ClientCode: LRMC**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Mehrdad Javaherian
LRM Consulting, Inc.
1534 Plaza Lane, #145
Burlingame, CA 94010
(415) 706-8935 FAX:

Email: mjavaherian@lrm-consulting.com
cc/3rd Party:
PO:
ProjectNo: TM Strough; Former Val Strough

Bill to:
Accounts Payable
LRM Consulting, Inc.
1534 Plaza Lane, #145
Burlingame, CA 94010

Requested TAT: 5 days

Date Received: **05/01/2015**
Date Printed: **05/06/2015**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1505013-001	VM-1	SoilGas	4/30/2015 9:45	☐	A	A	A	A								
1505013-002	VM-2	SoilGas	4/30/2015 10:28	☐	A	A	A	A								

Test Legend:

1	HELIUM_LC_SOILGAS(%)	2	LG_SUMMA_SOILGAS	3	O15_Scan-SIM_SOIL(UG/M3	4	TO15-8260_SOIL(UG/M3)	5	
6		7		8		9		10	
11		12							

The following SampIDs: 001A, 002A contain testgroup.

Prepared by: Erika Santos

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: LRM CONSULTING, INC. **QC Level:** LEVEL 2 **Work Order:** 1505013
Project: TM Strough; Former Val Strough **Client Contact:** Mehrdad Javaherian **Date Received:** 5/1/2015
Comments: **Contact's Email:** mjavaherian@lrm-consulting.com

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	De-chlorinated	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1505013-001A	VM-1	SoilGas	TO15 w/ Helium	1	1L Summa	☐	4/30/2015 9:45	5 days		☐	
			ASTM D1946-90 (Light Gases) <Oxygen>			☐		5 days		☐	
1505013-002A	VM-2	SoilGas	TO15 w/ Helium	1	1L Summa	☐	4/30/2015 10:28	5 days		☐	
			ASTM D1946-90 (Light Gases) <Oxygen>			☐		5 days		☐	

NOTES: - STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

1505013

McCampbell Analytical, Inc.

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CHAIN OF CUSTODY RECORD

TURN AROUND TIME: RUSH ☐ 1 Day ☐ 2 Day ☐ 3 Day ☐ 5 DAY ☐ (circled)

GeoTracker EDF ☐ PDF ☐ EDD ☐ EQuIS ☐ 10 DAY ☐

UST Clean Up Fund Project ☐ Claim #

Report To: [illegible]	Bill To: [illegible]
Company: LRM	
1534 PLAZA LN #145	
Burlingame CA	E-Mail:
Tele: (415) 706.8935	Fax: ( )
Project #: Tim Strough	Project Name: Former Valy Strough
Project Location: 325 34th Street	
Sampler Signature: [illegible]	

Helium Shroud SN#

Other:

Notes: Please Specify units if different than defaults VOCs is ug/m3 and fixed gas is uL/L. Leak check default is IPA.

PLEASE Report only Benzene, Ethyl Benzene, ~~NAPHTHALene~~

Field Sample ID (Location)	Collection Date	Collection Time	Canister SN#	Sampler Kit SN#	VOCs by TO-15 (ug/m3)	8010 by TO-15 (ug/m3)	TPH(g) (ug/m3)	LEED (inc. 4PCH, Formaldehyde, CO, Total VOCs)	Fixed Gas: CO2, Methane, Ethane, Ethylene, Acetylene, CO (please circle or indicate in notes) uL/L	Fixed Gas: O2/N2 (please circle) uL/L	Fixed Gas: Propane uL/L	Helium Leak Check (%)	Leak Check (IPA, Norflorane, 1,1-difluroethane) ug/m3	APH: Aliphatic and/or Aromatic (please circle) ug/m3	Other:	Matrix: Soilgas	Matrix: Indoor Air	Cannister Pressure/ Vacuum: Initial	Cannister Pressure/ Vacuum: Final
Vm-1	4/30/15	0945	A7517	982	X					X		X				X		-25	-4.5
Vm-2	↓	1028	A7528	985	X					X		X				X		-30	-4.5

Relinquished By:	Date:	Time:	Received By:
[illegible]	5/1/15	113[illegible]	[illegible]
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

Temp (°C) : ______ Work Order #: ______________________

Condition: ______________________________

Custody Seals Intact?: Yes _____ No _____ None _____

Shipped Via: ______________________________

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Sample Receipt Checklist

Client Name:	**LRM Consulting, Inc.**	Date and Time Received:	**5/1/2015 1:11:41 PM**
Project Name:	**TM Strough; Former Val Strough**	LogIn Reviewed by:	Erika Santos
WorkOrder №:	**1505013** Matrix: SoilGas	Carrier:	Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐	
Chain of custody signed when relinquished and received?	Yes	☑	No	☐	
Chain of custody agrees with sample labels?	Yes	☑	No	☐	
Sample IDs noted by Client on COC?	Yes	☑	No	☐	
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐	
Sampler's name noted on COC?	Yes	☑	No	☐	

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	NA ☑
Shipping container/cooler in good condition?	Yes	☑	No	☐	
Samples in proper containers/bottles?	Yes	☑	No	☐	
Sample containers intact?	Yes	☑	No	☐	
Sufficient sample volume for indicated test?	Yes	☑	No	☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	
Sample/Temp Blank temperature	Temp:				NA ☑
Water - VOA vials have zero headspace / no bubbles?	Yes	☐	No	☐	NA ☑
Sample labels checked for correct preservation?	Yes	☑	No	☐	
pH acceptable upon receipt (Metal: <2; 522: <4; 218.7: >8)?	Yes	☐	No	☐	NA ☑
Samples Received on Ice?	Yes	☐	No	☑	

UCMR3 Samples:

Total Chlorine tested and acceptable upon receipt for EPA 522?	Yes	☐	No	☐	NA ☑
Free Chlorine tested and acceptable upon receipt for EPA 218.7, 300.1, 537, 539?	Yes	☐	No	☐	NA ☑

** NOTE: If the "No" box is checked, see comments below.*

Comments:

Attachment 4

Alameda County Public Works Agency - Water Resources Well Permit

Public Works Agency
Alameda County

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 03/30/2015 By jamesy

Permit Numbers: W2015-0275
Permits Valid from 04/27/2015 to 04/27/2015

Application Id:	1427229962190	**City of Project Site:**	Oakland
Site Location:	327 34th Street, Oakland, CA (Honda of Oakland)		
Project Start Date:	04/27/2015	**Completion Date:**	04/27/2015
Assigned Inspector:	Contact Steve Miller at (510) 670-5517 or stevem@acpwa.org		
Applicant:	LRM Consulting, Inc. - Mehrdad Javaherian 1534 Plaza Lane, #145, Burlingame, CA 94010	**Phone:**	415-706-8935
Property Owner:	Jessco LTD Jessco LTD 2 Sea View Ave.,, Piedmont, CA 94611	**Phone:**	--
Client:	c/o Jonathan Redding Wendel Rosen Black & Dean 1111 Broadway, 24th Floor, Oakland, CA 94607	**Phone:**	650-834-6600
Contact:	Mehrdad Javaherian	**Phone:** 415-706-8935 **Cell:**	415-706-8935

	Total Due:	$265.00
Receipt Number: WR2015-0154	**Total Amount Paid:**	$265.00
Payer Name : Mehrdad Javaherian	Paid By: VISA	**PAID IN FULL**

Works Requesting Permits:

Borehole(s) for Investigation-Contamination Study - 2 Boreholes
Driller: Vironex - Lic #: 705927 - Method: DP **Work Total: $265.00**

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2015-0275	03/30/2015	07/26/2015	2	2.00 in.	10.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.

2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.

3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

4. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities

or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

5. Applicant shall contact assigned inspector listed on the top of the permit at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

6. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

7. NOTE:
Under California laws, the owner/operator are responsible for reporting the contamination to the governmental regulatory agencies under Section 25295(a). The owner/operator is liable for civil penalties under Section 25299(a)(4) and criminal penalties under Section 25299(d) for failure to report a leak. The owner/operator is liable for civil penalties under Section 25299(b)(4) for knowing failure to ensure compliance with the law by the operator. These penalty provisions do not apply to a potential buyer.

8. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.