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Alameda County
Environmental Health

January 20, 2010

#### GROUNDWATER MONITORING REPORT DECEMBER 2009 GROUNDWATER SAMPLING ASE JOB NO. 3411

at Hutch's Carwash 17945 Hesperian Boulevard San Lorenzo, California

Submitted by:
AQUA SCIENCE ENGINEERS, INC.
55 Oak Court, Suite 220
Danville, CA 94526
(925) 820-9391



#### 1.0 INTRODUCTION

The following is a report detailing the results of the December 8, 2009 groundwater sampling at the Hutch's Carwash property located at 17945 Hesperian Boulevard in San Lorenzo, California (Figures 1 and 2).

#### 2.0 GROUNDWATER FLOW DIRECTION AND GRADIENT

On December 8, 2009, ASE measured the depth to water in each site monitoring well using an electric water level sounder. The surface of the groundwater was also checked for the presence of free-floating hydrocarbons or sheen. No free-floating hydrocarbons or sheen were observed in any of the monitoring wells. Groundwater elevation data is presented in Table One.

The groundwater flow is to the northwest at a gradient of 0.0028-feet/foot. Groundwater elevation (potentiometric surface) contours are plotted on Figure 2.

#### 3.0 GROUNDWATER SAMPLE COLLECTION AND ANALYSIS

On December 8, 2009, ASE collected a groundwater sample from monitoring well MW-1 for analyses. Monitoring well MW-3 is no longer being sampled because hydrocarbons have not been detected since its installation. Monitoring well MW-2 is also no longer being sampled in accordance with a letter from the Alameda County Health Care Services Agency (ACHCSA) dated August 12, 2002 stating MW-2 may be excluded from further sampling events until further notice. Prior to sampling, monitoring well MW-1 was purged of three well casing volumes of groundwater. Samples were then collected using a disposable polyethylene bailer. The groundwater samples were decanted from the bottom of the bailer using a low-flow emptying device into 40-ml volatile organic analysis (VOA) vials, preserved with hydrochloric acid, labeled, and stored on ice for transport to Kiff Analytical, LLC of Davis, California (CA ELAP #2236) under appropriate chain of custody documentation.

The well sampling purge water was contained in a sealed and labeled 55-gallon steel drum. The well sampling field logs are included as Appendix A.

The groundwater samples were analyzed by Kiff Analytical, LLC for total petroleum hydrocarbons as gasoline (TPH-G), benzene, toluene, ethyl benzene, and total xylenes (collectively known as BTEX) and methyl tertiary butyl ether (MTBE) by EPA Method 8260B.

The analytical results are tabulated in Table Two, and copies of the certified analytical report and chain of custody form are included in Appendix B.



#### 4.0 RESULTS AND CONCLUSIONS

The groundwater sample collected from monitoring well MW-1 contained 170 parts per billion (ppb) TPH-G and 150 ppb MTBE. These concentrations are very similar to the concentrations detected during the previous sampling.

Both the TPH-G and MTBE concentrations in the groundwater sample collected from monitoring well MW-1 exceeded California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB) Environmental Screening Levels (ESLs) presented in the "Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater" document dated May 2008 for sites where water is a current or potential source of drinking water. However, both the TPH-G and MTBE concentration did not exceed ESLs for sites where groundwater is not a current or potential source of drinking water.

#### 5.0 RECOMMENDATIONS

ASE recommends continued groundwater monitoring on a semi-annual basis. The next sampling event is scheduled for June 2010.

#### 6.0 REPORT LIMITATIONS

The results presented in this report represent conditions at the time of groundwater sampling, at the specific locations where the samples were collected, and for the specific parameters analyzed by the laboratory.

It does not fully characterize the site for contamination resulting from unknown sources, or for parameters not analyzed by the laboratory. All of the laboratory work cited in this report was prepared under the direction of an independent CAL-DHS certified laboratory. The independent laboratory is solely responsible for the contents and conclusions of the chemical analysis data.



Aqua Science Engineers appreciates the opportunity to provide environmental consulting services for this project. Should you have any questions or comments, please feel free to call us at (925) 820-9391.

Respectfully submitted,

AQUA SCIENCE ENGINEERS, INC.

Robert E. Kitay, P.G., R.E.A.

Senior Geologist

Attachments: Figures 1 and 2

Appendices A and B

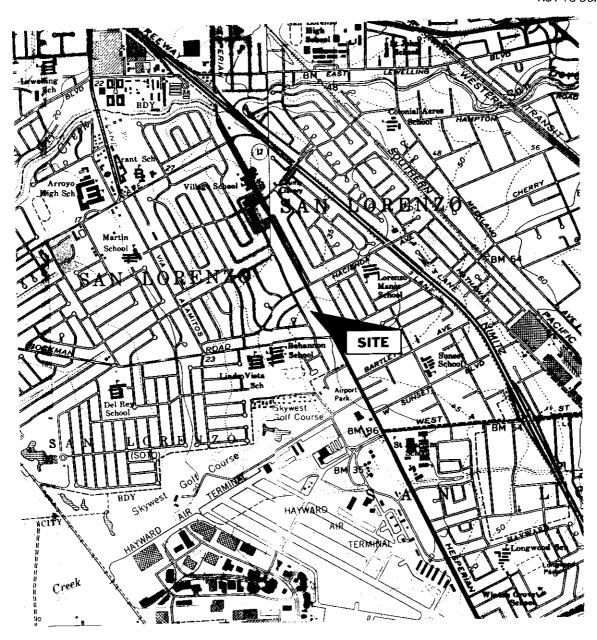
ce: Mr. Kirk Hutchison, Hutch's Car Wash

Mr. Steven Plunkett, Alameda County Health Care Services Agency



# **FIGURES**



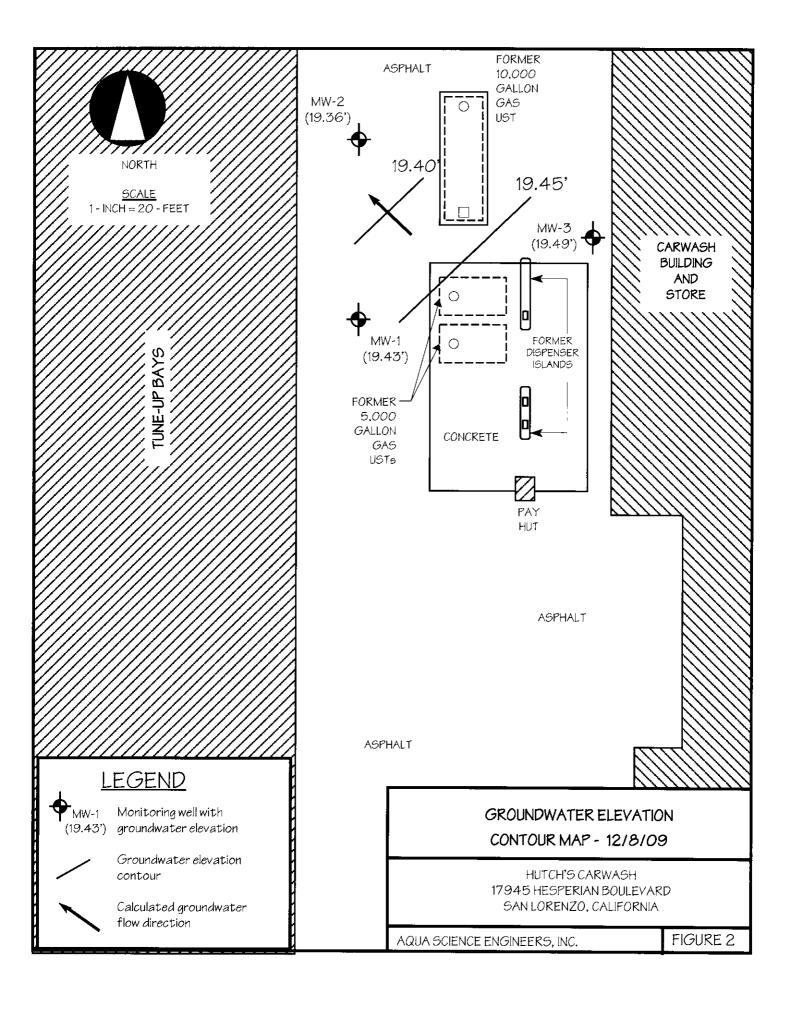


# LOCATION MAP

Hutch's Carwash 17945 Hesperian Boulevard San Lorenzo, California

AQUA SCIENCE ENGINEERS, INC.

Figure 1





# **TABLES**

#### TABLE ONE Groundwater Elevation Data Hutch's Carwash

17945 Hosperlan Blvd., San Lorenzo, CA

Well	Date of	Top of Casing	Depth to	Groundwater
ID	Measurement	Elevation	Water	Elevation
<del>_</del>		(Relative to Mean Sea Level)	(feet)	(project data)
MW-1	10/6/99	35.00	15.58	19.42
	1/13/00		15.58	19.42
	4/12/00		14.75	20.25
	7/19/00		15.29	19.71
	10/25/00		15.56	19.44
	1/16/01		15.22	19.78
	4/4/01		15.05	19.95
	7/6/01		15.49	19.51
	10/1/01		15.78	19.22
	1/7/02		13.83	21.17
	4/2/02		14.83	20.17
	7/9/02		15.41	19.59
	10/1/02		15.70	19.3
	1/24/03		14.69	20.31
	7/25/03		15.41	19.59
	1/16/04		14.73	20.27
	7/14/04		15.54	19.46
	1/29/05		14.38	20.62
			15.23	19.77
	7/22/05		14.00	21.00
	1/25/06			
	6/10/06		15.13	19.87
	1/26/07		15.30	19.70
	7/5/07		15.46	19.54
	1/30/08		14.32	20.68
	1/27/09		15,43	19.57
	12/8/09		15.57	19.43
MW-2	10/6/99	35.21	15.84	19.37
	1/13/00		15.78	19.43
	4/12/00		14.94	20.27
	7/19/00		15.54	19.67
	10/25/00		15.81	19.4
	1/16/01		15.50	19.71
	4/4/01		15.28	19.93
	7/6/01		15.73	19.48
	10/1/01		16.06	19.15
	1/7/02		14.08	21.13
	4/2/02		15.04	20.17
	7/9/02		15.66	19.55
	10/1/02		15.96	19.25
	1/24/03		14.90	20.31
	7/25/03		15.68	19.53
	1/16/04		14.93	20.28
	7/14/04		15.81	19.40
	1/29/05		14.90	20.31
	7/22/05		15.46	19.75
	1/25/06		14.16	21.05
			15.40	19.81
	6/10/06			19.66
	1/26/07		15.55 15.72	19.66
	7/5/07		15.72	
	1/30/08		14.51	20.70
	1/27/09		15.67	19.54 <b>19.36</b>
	12/8/09		15. <i>8</i> 5	

#### TABLE ONE Groundwater Elevation Data Hutch's Carwash 17945 Hesperian Blvd., San Lorenzo, CA

Well	Date of	Top of Casing	Depth to	Groundwater
ID	Measurement	Elevation	Water	Elevation
		(Relative to Mean Sea Level)	(feet)	(project data)
MW-3	10/6/99	34.47	14.98	19.49
	1/13/00		14.98	19.49
	4/12/00		14.09	20.38
	7/19/00		14.70	19.77
	10/25/00		14.98	19.49
	1/16/01		14.58	19.89
	4/4/01		14.43	20.04
	7/6/01		14.85	19.62
	10/1/01		15.21	19.26
	1/7/02		13.24	21.23
	4/2/02		14.20	20.27
	7/9/02		14.81	19.66
	10/1/02		15.12	19.35
	1/24/03		14.05	20.42
	7/25/03		14.82	19.65
	1/16/04		14.08	20.39
	7/14/04		14,94	19.53
	1/29/05		14.03	20.44
	7/22/05		14.59	19.88
	1/25/06		13.31	21.16
	6/10/06		14.53	19.94
	1/26/07		14.69	19.7 <i>8</i>
	7/5/07		14.88	19.59
	1/30/08		13.64	20.83
	1/27/09		14.83	19.64
	12/8/09		14.98	19.49

# TABLE TWO Summary of Analytical Results for GROUNDWATER Samples Hutch's Carwash

#### 17945 Hesperian Blvd., San Lorenzo, CA All results are in parts per billion (ppb)

Well ID						<del></del> -
& Dates				Ethyl-	Total	
Sampled	TPH-G	Benzene	Toluene	benzene	Xylenes	MTBE
MW-1						
10/6/99	1,500	3.3	2.3	27	72	<b>1</b> 2 <i>0</i>
1/13/00	1,500	15	19	19	33	65 <i>0</i>
4/12/00	1,700	18	13	45	79	2,600
7/19/00	2,200	31	< 5.0	81	100	2,000
10/25/00	3,300	20	< 5.0	98	9.4	3,300
1/16/01	4,100	34	14	60	12 <i>0</i>	1,300
4/4/01	2,900	14	< 0.5	34	32	2,000
7/6/01	1,300	4.4	< 0.5	12	13	700
10/1/01	1,100	4.1	< 0.5	18	19	52 <i>0</i>
1/7/02	1,400	34	< 0.5	13	15	1,300
4/2/02	1,900	<b>3</b> 0	6.7	24	<i>30</i>	1,000
7/9/02	1,500	26	< 5. <i>0</i>	12	8.6	820
10/1/02	<i>830</i>	3.6	< 2.5	7.4	2.9	52 <i>0</i>
1/24/03	1,300	6.2	< 5.0	12	< 5.0	680
7/25/03	520	15	< 1.0	11	1.0	250
1/16/04	540	3.9	< 2.5	8.3	3.1	290
7/14/04	220	< 1.0	< 1. <i>O</i>	8.1	< 1.0	140
1/29/05	160	1.0	< 0.5	2.5	< 1.0	60
7/22/05	<i>380</i>	2.5	< 1.0	9.1	< 2.0	210
1/25/06	25 <i>0</i>	1.2	< 1. <i>O</i>	3.3	< 2.0	220
6/10/06	< 100	< 1.0	< 1. <i>O</i>	1.3	< 2.0	180
1/26/07	< 50	< 0.5	< 0.5	< 0.5	< 1.0	18
7/5/07	< 50	< 0.5	< 0.5	< 0.5	< 1.0	37
1/30/08	< 200	< 2.0	< 2.0	< 2.0	< 4.0	290
1/27/09	140	< 0.5	< 0.5	< 0.5	< 0.5	17 <i>0</i>
12/8/09	170	< 0.5	< 0.5	< 0.5	< 0.5	15 <i>0</i>

#### TABLE TWO

## Summary of Analytical Results for GROUNDWATER Samples

#### Hutch's Carwash

#### 17945 Hesperian Bivd., San Lorenzo, CA All results are in parts per billion (ppb)

Well ID	<u>.</u>		<u></u>			
& Dates				Ethyl-	Total	
Sampled	TPH-G	Benzene	Toluene	b <i>e</i> nz <i>e</i> ne	Xylenes	MTBE
<u> </u>						
<u>MW-2</u>						
10/6/99	< 5 <i>0</i>	< 0.5	< 0.5	< 0.5	< 0.5	18
1/13/00	< 5 <i>0</i>	< 0.5	< 0.5	< 0.5	< 0.5	16
4/12/00	< 100	< 1.0	< 1.0	< 1.0	< 1.0	240
7/19/00	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
10/25/00	< 50	< 0.5	< 0.5	< 0.5	< 0.5	6
1/16/01	< 50	< 0.5	< 0.5	< 0.5	< 0.5	8
4/4/01	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
7/6/01	< 50	< 0.5	< 0.5	< 0.5	< 0.5	6
10/1/01	< 5 <i>0</i>	< 0.5	< 0.5	< 0.5	< 0.5	21
1/7/02	< 5 <i>0</i>	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
4/2/02	< 5 <i>0</i>	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
7/9/02	< 5 <i>0</i>	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
10/1/02	No longer sa	ampled				
MW-3						
10/6/99	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
1/13/00	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
4/12/00	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
7/19/00	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
10/25/00	< 50	< 0.5	< 0.5	< 0.5	< 0.5	< 5.0
1/16/01	No longer s					
EGI (DWA	100	4	40	30	20	
ESL (DW) ESL (NDW)	100 210	46	40 130	30 43	20 100	5 1,800

#### Notes:

ESL = Environmental screening level presented in the "Screening For Environmental Concerns at Sites With Contaminated Soil and Groundwater (May 2008)" document prepared by the California Regional Water Quality Control Board, San Francisco Bay Region.

DW = Groundwater is considered a current or potential source of drinking water NDW = Groundwater is not considered a current or potential source of drinking water

Most current data is in **Bold** 

Non-detectable concentrations noted by the less than sign (<) followed by the laboratory reporting limit

<sup>\*</sup> EPA Method 8020/EPA Method 8260 (MTBE confirmation)

<sup>\*\*</sup> Hydrocarbon reported in the gasoline range does not match the laboratory gasoline standard

<sup>\*\*\*</sup> Sample contains a discrete peak in addition to gasoline



### **APPENDIX A**

Well Sampling Field Logs

# AQUA SCIENCE ENGINEERS

# WELL SAMPLING FIELD LOG

PROJECTNAME HUT	ZH'S SAN LORENTO		· · · · · · · · · · · · · · · · · · ·
JOB NUMBER		DATE OF SAMPLING 14	<u> </u>
WELLID. MW	1-(	SAMPLER DA	· · · · · · · · · · · · · · · · · · ·
TOTAL DEPTH OF WELL	U.0	WELL DIAMETER 2	
DEPTH TOWATER PRIOR TO	PURGING 15.57		
PRODUCT THICKNESS	<del>D</del>	· 	
DEPTH OF WELL CASING INW	MATER 10, 43		
NUMBER OF GALLONS PER W	/ELL CASING VOLUME [ .	66	
NUMBER OF WELL CASING VO	DLUMES TO BE REMOVED 3		
REQUIRED VOLUME OF GROU	NDWATER TO BE PURGED PRIOR TO S	SAMPLING 5	
EQUIPMENT USED TO PURGE	WELL NEW DISPOS	FOLK BAILER (N	J0B)
TIME EVACUATION STARTED	1500	TIME EVACUATION COMPLETED	1508
TIME SAMPLES WERE COLLE	CTED 1510		
DID WELL GO DRY .	NO	AFTER HOW MANY GALLONS	
VOLUME OF GROUNDWATER	PURGED S		
SAMPLING DEVICE	N 22		
SAMPLE COLOR LA	BRN	ODOR/SEDIMENT NO	/12 ·
CHEMICAL DATA	jun - 2 15.85	μω-3	14.98'
CH VOLUME PURGED LA	ASSOCIATE TEMPERATURE (1995)	MANAGEM SERVICE STREET	SA PRIMALIFORD PROGRAM TO SERVICE A
	65.9		890
$\sim$	66.4	_	880
<b>ラ</b>	66.5		871

### SAMPLES COLLECTED

ŚAMPLE	# OF CONTAINERS	SIZE AND TYPE OF CONTAINER	ANALYSIS	PRESERVED
Mw-1	3	ford vox	flear	



# **APPENDIX B**

Certified Analytical Report and Chain of Custody Documentation



Date: 12/18/2009

David Allen Aqua Science Engineers, Inc. 55 Oak Court, Suite 220 Danville, CA 94526

Subject: 1 Water Sample

Project Name: HUTCH'S SAN LORENZO

Project Number: 3411

Dear Mr. Allen,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,



Date: 12/18/2009

Project Name: HUTCH'S SAN LORENZO

Project Number: 3411

Sample: MW-1 Matrix: Water Lab Number: 71238-01

Sample Date :12/08/2009

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/17/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/17/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/17/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/17/2009
Methyl-t-butyl ether (MTBE)	150	0.50	ug/L	EPA 8260B	12/17/2009
TPH as Gasoline	170	50	ug/L	EPA 8260B	12/17/2009
1,2-Dichloroethane-d4 (Surr)	101		% Recovery	EPA 8260B	12/17/2009
Toluene - d8 (Surr)	104		% Recovery	EPA 8260B	12/17/2009

Date: 12/18/2009

QC Report : Method Blank Data

Project Name: HUTCH'S SAN LORENZO

Project Number: 3411

	Measured	Method Reporting	J	Analysis	Date
<u>Parameter</u>	Value	Limit	Units	Method	Analyzed
Benzene	< 0.50	0.50	ug/L	EPA 8260B	12/17/2009
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	12/17/2009
Toluene	< 0.50	0.50	ug/L	EPA 8260B	12/17/2009
Total Xylenes	< 0.50	0.50	ug/L	EPA 8260B	12/17/2009
Methyl-t-butyl ether (MTBE)	< 0.50	0.50	ug/L	EPA 8260B	12/17/2009
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	12/17/2009
1,2-Dichloroethane-d4 (Surr)	101		%	EPA 8260B	12/17/2009
Toluene - d8 (Surr)	102		%	EPA 8260B	12/17/2009

		Method			
	Measured	Reporti	ng	Analysis	Date
Parameter	Value	Limit	Units	Method	Analyzed

Date: 12/18/2009

Project Name: HUTCH'S SAN LORENZO

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Number: 3411

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	e Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
Benzene														
	71218-02	<0.50	40.6	40.6	37.9	36.2	ug/L	EPA 8260B	12/17/09	93.4	89.3	4.47	80-120	25
Ethylbenzene														
Methyl-t-butyl ethe	71218-02	<0.50	40.3	40.3	39.1	37.6	ug/L	EPA 8260B	12/17/09	96.9	93.2	3.94	80-120	25
	71218-02	<0.50	40.6	40.6	37.0	36.1	ug/L	EPA 8260B	12/17/09	91.2	88.8	2.58	69.7-121	25
P + M Xylene	71218-02	<0.50	39.2	39.2	37.3	36.4	ug/L	EPA 8260B	12/17/09	95.0	92.9	2.26	76.8-120	25
Tert-Butanol	71218-02	<5.0	202	202	194	187	ug/L	EPA 8260B	12/17/09	96.0	92.6	3.54	80-120	25
Toluene	71218-02	<0.50	40.3	40.3	40.7	38.9	ug/L	EPA 8260B	12/17/09	101	96.5	4.39	80-120	25

Date: 12/18/2009

QC Report : Laboratory Control Sample (LCS)

Project Name: HUTCH'S SAN LORENZO

Project Number: 3411

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit	
Benzene	40.0	ug/L	EPA 8260B	12/17/09	96.3	80-120	
Ethylbenzene	40.0	ug/L	EPA 8260B	12/17/09	98.6	80-120	
Methyl-t-butyl ether	40.6	ug/L	EPA 8260B	12/17/09	88.4	69.7-121	
P + M Xylene	40.0	ug/L	EPA 8260B	12/17/09	96.0	76.8-120	
TPH as Gasoline	512	ug/L	EPA 8260B	12/17/09	106	80-120	
Toluene	40.0	ug/L	EPA 8260B	12/17/09	101	80-120	

Aqua Science Engineers, Inc. 55 Oak Court, Suite 220 Danville, CA 94526 (925) 820-9391

# Chain of Custody 7/238

FAX (925) 837-4853						<b>~</b> :								J				ı	ر ا	1	
SAMPLER (SIGNATURE)							JECT I	NAME										_			
ANALYSIS REQUEST			-							:			Š		<u>v</u>		Ċ				1
SPECIAL INSTRUCTIONS:					EX		힏		ANICS	.VED)			ARBO		TH SIL 1015)						
					TPH-GAS / MTBE & BTEX (EPA 5030/8015-8020)	SEL 3/8015)	TPH-DIESEL & MOTOR OIL (EPA 3510/8015)	CAM 17 METALS (EPA 6010+7000)	SEMI-VOLATILE ORGANICS (EPA 625/8270)	Pb (TOTAL or DISSOLVED) (EPA 6010)	JES 11)	FUEL OXYGENATES (EPA 8260)	PURGEABLE HALOCARBONS (EPA 601/8010)	TPH-G/BTEX/5 OXYS (EPA METHOD 8280)	MULT: RANGE HYDROCARBONS WITH SILICA GEL CLEANUP (EPA 8015)	VOLATILE ORGANICS (EPA 624/8240/8260)	LUFT METALS (5) (EPA 6010+7000)	SITE 4:1			
SAMPLE ID.	DATE	TIME	MATRIX	QUANTITY	TPH-GAS (EPA 503(	TPH-DIESEL (EPA 3510/8015)	TPH-DIES (EPA 3510	CAM 17 (EPA 60	SEMI-VO (EPA 625	Pb (TOT (EPA 601	PESTICIDES (EPA 8081)	FUEL OX (EPA 826	PURGE (EPA 60	TPH-G/B (EPA ME	MULTI-R HYDROC GEL CLE	VOLATILI (EPA 624	LUFT ME (EPA 601	COMPOSITE 4:1	EDF		
Mw-1	12/08/2	1500	W	3	Ø				<u> </u>										D		] ‹
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RELINQUISHED BY:	RECEIVE	D BY:				REL	INQUIS	SHED B	Y:		1 \ /	FIVED				CC	OMMEN	TS:			
(signature) (time)	(signature	,		(time	9)	(sigr	iature)		(tim	ie)	(sigi	u Wa nature)	est.	(tin	30 ne)	$\dashv$					
Devis men 12/16/09								· <b>—</b> ·			Le	evil	Ober	121	21609			IRN AR			1
(printed name) (date)	(printed na	ame)		(dat	e)	(prin	ited nar	ne)	(da	te)		nted nai	•	•	ite)	4	THER:	TU 241	-tr 48	Hr 72Hr	-
Company-ASE, INC.	Company-					Con	npany-			~	Con	npany-	Kiff	Ana	Hia	<i>al</i> []	HEN.				



SRG#:

SAMPLE RECEIPT CHECKLIST
71238 Date:

121609

RECEIVER							
Initials							

Project ID: HUTCH'S SAN LOREN 20							
Meth	od of Receipt:	Courier	Over-the-counter	Shipper			
COC Inspection Is COC present? Custody seals on shipping Is COC Signed by Relinqu Is sampler name legibly in Is analysis or hold request Is the turnaround time indi Is COC free of whiteout as	isher? XY dicated on COC ed for all sample icated on COC?	? es	Dated? Yes Yes Yes Yes Yes Yes Yes Yes Yes	☐ No ☐ Broken ☐ Not ☐ No	present N/A		
Sample Inspection Coolant Present: Temperature °C 3.6 Are there custody seals on Do containers match COC Are there samples matrice Are any sample containers Are preservatives indicate Are preservatives correct Are samples within holdir Are the correct sample collis there sufficient sample Does any sample contain Receipt Details Matrix Matrix Matrix Date and Time Sample Pu	s other than soil, broken, leaking d? Yes for analyses require for analyses require for analyses to perform testin product, have structured to the container type.  Container type.  Container type.	ers?  No No, Co, water, air or carb, or damaged? s, on sample contantested? ses requested? the analyses request? ong odor or are of	Date/Till Intact  C lists absent sample on?  Yes Yes inners  Yes, on Yes Yes ested?  Yes	No No No COC Not indicated [ No No No No No Yes ived	Not present le(s) present		
Ouicklog Are the Sample ID's indic If Sample ID's are listed of Is the Project ID indicated If project ID is listed on b Are the sample collection If collection dates are liste Are the sample collection If collection times are liste	on both COC and it. On oth COC and cordates indicated: and on both COC times indicated:	COC On so ntainers, do they a On COC and containers, do	ample container(s)  Ill match? Yes  On sample contain they all match?  On sample contain	Yes ☐ No [ TOn Both ☐ Not ind No ☐ N/A er(s)	Not indicated N/A dicated Not indicated N/A Not indicated N/A Not indicated		
COMMENTS:							
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