

January 3, 2022

RECEIVED By pstb.inbox at 5:47 pm, Jan 03, 2022

#3330252

Michael Boulay New Mexico Environment Department Petroleum Storage Tank Bureau 2905 Rodeo Park Drive East, Building 1 Santa Fe, NM 87505 *michael.boulay@state.nm.us*

RE: WPID 4222-1 Pre-Injection Groundwater Sampling Summary Letter Halsell's Grocery State-Lead Site, 112 School Road, Hatch, New Mexico Facility # 6053 Release ID # 287

Dear Mr. Boulay:

This letter summarizes the pre-injection groundwater sampling described in the workplan dated October 14, 2021. Included with this letter are field and laboratory summary tables, a graph showing the relationship between groundwater elevations and benzene concentrations for MW-1, field notes, the Hall Environmental Analysis Laboratory report, health and safety plan, and signed property access form. Historical sampling data can be found in the December 2019 Groundwater Monitoring Report by Haller & Associates, Inc.

On December 6, 2021, Souder, Miller & Associates (SMA) completed the sampling in accordance with the approved workplan. There were no significant deviations from the workplan or the standards of practice that typically govern groundwater sampling.

Depth to Water and NAPL Measurements

Average depth to groundwater was measured at 12.59 feet below ground surface, down approximately two feet since the wells were last measured in November 2019. The groundwater gradient was to the southeast at approximately 0.0018. Non-aqueous phase liquids (NAPL) were not observed in any of the monitoring wells.

Analytical Data

Key volatile organic compounds (VOCs) were not detected in any of the wells above their applicable standards (NMAC¹ 20.6.2.3103). VOCs were not detected in MW-2 and MW-3. Two VOCs were present at detectable concentrations in MW-1; ethylbenzene was detected at 24 μ g/l and 1,2,4-trimethylbenzene was detected at 3.3 μ g/L. This was the first sampling event since November 2002 that benzene was reported below its respective standard, however MW-1 was observed to have a hydrocarbon odor during the December 6, 2021 sampling event.

¹ NMAC-New Mexico Administrative Code

Physical and Chemical Trends

Water levels generally appear to be decreasing from 2000 to 2021. Over the same time frame there is significant variability in the water levels, which may be explained by the proximity to the Rio Grande River and river valley geology (unconsolidated, fluvially deposited, silts, sands and gravel). The combination of distance to the river and geology is likely to result in relatively rapid response times between flow in the river and water levels in the wells. However, it is important to note that the NAPL was detected in MW-1 from 2011 to 2017 when the water level was at its lowest point in 21 years.

Dissolved phase VOC concentrations do not show a clear correlation to water levels at the site.

• • •

If you have any questions with the results or site conditions, please contact Stephanie or Jay.

Sincerely, MILLER ENGINEERS, INC. D.B.A. SOUDER, MILLER AND ASSOCIATES

typhenic Alvels

Stephanie Hinds, P.E. Project Engineer Stephanie.hinds@soudermiller.com

anlandonghan

R. Jay Vanlandingham, R.G. Senior Geoscientist *jay.vanlandingham@soudermiller.com*

Enc: Table 1. Groundwater Elevations
 Table 2. Key VOC Concentrations
 Table 3. Groundwater Field Parameters
 MW-1 Groundwater Elevations and Benzene Concentrations Graph
 Field Notes
 Hall Environmental Analysis Laboratory Report
 Health and Safety Plan
 Property Access

Table 1. Groundwater Elevations

Wall ID	Data	Top of Casing	Depth to	Depth to	NAPL	Relative Water
weirib	Date	(ft)	NAPL (ft)	Water (ft)	Thickness (ft)	Elevation (ft)
MW-1	12/6/2021	4054.98		12.67	0.00	4042.31
MW-2	12/6/2021	4054.54		12.60	0.00	4041.94
MW-3	12/6/2021	4054.85		12.50	0.00	4042.35

-- NAPL not detected

Top of casing elevation data obtained from Haller & Assocites, Inc. Groundwater Monitoring Report (December 13, 2019)

Table 2. Key VOC Concentrations

Well ID	Date	Benzene (µg/L)	Toluene (μg/L)	Ethyl-benzene (µg/L)	Total Xylenes (μg/L)	Total Naphthalenes (µg/L)	1,3,5-ТМВ (µg/L)	1,2,4-TMB (μg/L)	MTBE (μg/L)	EDC (µg/L)	EDB (µg/L)
Laborato	ory Testing	FPA Method 8260B									
Me	ethod										
NMAC 2 Stai	0.6.2.3103 ndard	5	1000	700	620	30	No std.	No std.	100	5	0.05
MW-1	12/6/2021	<2.0	<2.0	24	<5.0	<27	<2.0	3.3	<5.0	<2.0	<2.0
MW-2	12/6/2021	<1.0	<1.0	<1.0	<1.5	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-3	12/6/2021	<1.0	<1.0	<1.0	<1.5	<10.0	<1.0	<1.0	<1.0	<1.0	<1.0

TMB: Trimethylbenzene

MTBE: Methyl tert-butyl ether

EDC: 1,2-Dichloroethane

EDB: 1,2-Dibromoethane

Table 3. Groundwater Field Parameters

Well ID	Date	Final Purge Volume (gal)	Temperatur e (°C)	рН	Specific Conductance (µS/cm)	ORP (mV)	Dissolved Oxygen (mg/L)	Color/ Clarity	Other
MW-1	12/6/2021	4	23.33	7.56	1534	-252.40	1.63	clear	hydrocarbon odor
MW-2	12/6/2021	4	23.20	7.5	1555	-111.70	1.61	yellow	no odor
MW-3	12/6/2021	4	22.50	7.58	1927	-14.40	1.66	cloudy/black	no odor

Data prior to collecting sample. For additional field parameters, refer to Monitoring Well Sampling Field Form.



Note: Benzene not analyzed during 6/02/2009 or 5/31/2012 sampling events. NAPL detected in MW-1 between 11/22/2011-1/18/2017.

	Halsell's Gracery		12/6/21			
	Procession of sound water M	in itan	12907	07.	22 00	
	Poussan To Lah I	oning		07.0		[(
	FU: 3350352 Jase 1				and	٨
						_
	Personel			08:3	30 ar	1
	Alicia A Lopez				Be	3
	/~				Δ <i>Δ</i>	
	Equipment.		i		1014	2
	Interface probe				DTW =	
1	Disposable bailer (3)			TD =	1
	YSI multiparameter	meter				
					MW	
	Analysis:				DTW =	
	Method 8260R - VC				TO = 10	9
	Location:				MW-2	
	112 School St. Hatch,	NM			USING	:1
	Facility #6053 RI	D#287			ueil	
	Safety:			10:30	Iwas	
	Electronic THA com	nleted				
					M	
					DTN	-
					TD-	า
						4
						-
						-
		And the Contract of Carl	and the second			-

0	7:C	υ	a	rri	e	at	of	Fic	e ;	ga	the	r ei	Uij	ome	nt
			a	d	pa	pen	NON	R	; n	not	al	ize	- to	si	k
20		0	6					. 1						-	ι. Λ
			a F	P	a	0			j	00	mp	let	ecl	5	HM
				5		9			7						
			M	W.	1										
		D	τw	=	12.0	67		D	TN	= 1	VO N	AP		Se te	ctel
		11	- (14	.6	8									
		ſ	Mu	J - Ţ	3										14
		DI	w	= 1	2.5	0		No	2 1	APL	Ð	ete	et	ad	
-		TD	Ξ	19.0	12										•
		ML	J-7	7	ic		0						Ra		
		US	ince	- chi	sel	to			by Dom	Mer	cre t	te.	Non.	ion	
		u	el	,									LUC		
	_														
0	.30	- 1 (was		ible	- +		MC(-	M	N-	2		
		r	1	/-1	2										
		5	Th	= 1	2.6	0		N	> 1	JAP	·L	Det	cte	d.	
_		Т	D=	20	0.0					-				_	
+															

10:45	Begon	purging	+ monit	oring M	w-Z
	(See f	Field SI	neet fo	r multip	circimeter
	reading	ngs)			
	- Purged	a total	of 4	gallons Fr	on
	MW-2			-	
11:45	sample	time F	or MW-	2	
	-neplaced	l missin	ng well	plug	1
	-Samples	placed	in coole	5 with ;	ce
	until sh	nipment			
	- decon.	equipmin	t befor	moving	to
	nextu	rell			
	- purged	wato	domped	on conci	ete
	in pwm	ne area	-		
10:00	1				111-2
12.00	begon	punging	+ moni	foring I	W-J
	(see the	eld shi	eetj	u	
	-Purged	a total	07 40	allons	
1:00	S- colo d		M11-3		
1.00	Somple T	me to	III Carle		
	scomples	placea	in could	f an mai	refe
	purged c	NOTO OU	sposed o		
	- dame of	or in mont			
	mean e	Porpinerr			

1	30	be	qc	n	surc	ymo	+	m	oni	terl	hq	M	N -		
		(Se	e	fic	eld	st	nee	+)			5				
		-ри	rge	d	4	ga	llon	5							
		~pw	`gel	l	va	tv	di.	SPC	secl	0	fc	ne	cne	refe	0
2.	20	Sc	ma	sle	tiv	ne	f	>5	m	ω-	l				
		- 5	m	ple:	5	ola	<i>kec</i>	i l	na	2019	5				
		- ſ.)ec	su.	all	е	qui	pm	erH						
		-	Mo	ba	lize		sach	R -	ю	La	SC	ruce	S		
3:	15			ha	1	Con	lec	+	£,	Ilac	1 0	<i>t</i>	(n)	r	
•		F	N N	sk	r ni0	ne	10	to	Ha	II E	Env	inon	me	te	
		Le	25	0											
2.															
Э.	45	5	hir	pec	lc	00	es	te	> }	+E	42	Vic	r t	ed	EX
		0	p L	rnic	<i>zht</i>	·. \									
				necio l'ocio		TO	lent	TT	tes	. +	m	pet	4.7/	PA	n
			σp	Jun			~	7/		, ,			~/		1
5:	00	E	nd	- (of	de	iy								
								A A 1	1-	1/1	10.2				
								AHI	- 10	-161	21			2	
															/
							1								



MONITORING WELL SAMPLING FIELD FORM

Well I.D.: MW ~ 1	Project Number: 3330252 Task 1
site: Halsell's Grocesy	Time & Date gauged: $8'.30$ Am $12/6/21$
Depth to NAPL: N/A	
Depth to Water: 12.67	Height of Fluid Column: $\overrightarrow{\mathcal{P}}.\mathcal{O}I$
Total Depth: 19.68	Volume in Well: 1.14
Well Diameter: <u>2</u> "	3 Casing Volumes 3. リフ

			w	ater Quality N	Measureme	nts			
Time	Volume Purged (gal)	Temp. (°C)	рН	Conductivity (μS)	ORP (mV)	DO (mg/L)	Color / Clarity or NTU	Other	
1:30	Ö	23.52	7.20	1529	-235.4	1.64	clear	HC odor	
1:35	.5	23.80	7.27	1535	-294.1	1.62	clear	HC odor	
1:40	١	23.26	7.50	1549	-282.0	1.66	Clear	HC odar	
1:45	1.5	23.65	7.45	1531	-271.5	1.63	Clear	HCOdor	
1:50	2	23.54	7.48	1527	-258.1	1.63	clear	HC ODOF	
1:55	2.5	23.52	7.56	1536	-255.8	1.62	dear	HC Odar	
2:00	3	23.36	7.46	1540	-254.0	1.62	Clear	HCOdor	
2:05	3.5	23.53	7.49	1544	-255.1	1.61	clear	HCodor	
2:10	4	23.33	7.56	1534	-252.4	1.63	clear	HC Odoc	
Sample Date	e/Time	2:20	12/6/2	21	Sampler Name Alicia Lopez				
Analytes/M	Analytes/Methods:		8260B						
Equipment	used:	Merface	- probe	multiporor	netor DO	metor di	spasa ble	bailer mesonia	

	Table 1: Volume of Casing or Hole per ft (K)											
Diameter	Gallons	ft ³	Diameter	Gallons	ft ³	Diameter	Gallons	ft ³				
(Inches)	per ft	per ft	(Inches)	per ft	per ft	(Inches)	per ft	per ft				
1	0.041	0.0055	4	0.653	0.0873	8	2.611	0.3491				
1 ½	0.092	0.0123	4 ½	0.826	0.1104	9	3.305	0.4418				
2	0.163	0.0218	5	1.02	0.1364	10	4.08	0.5454				
2 ½	0.255	0.0341	5 ½	1.234	0.165	11	4.937	0.66				
3	0.367	0.0491	6	1.469	0.1963	12	5.875	0.7854				
3 1/2	0.5	0.0668	7	2	0.2673	14	8	1.069				

1 gal = 3.785 L

1 m = 3.281 ft

1 gal = 8.33 lbs = 3.785 kg

1 ft Water = .433 psi

1 gal/ft = 12.419 L/ft

 $1 \text{ gal/m} = 12.419 \text{ x} 10^{-3} \text{ m}^{3}/\text{m}$

 1 yd^3 soil = 1.5 tons

55-gal drum loose soil = 7.26 ft^3 =.27 yd^3 = 0.4 tons

Loose soil volume = 1.4 x borehole volume

55-gal drum loose soil = 7.26 ft³ =.27 yd³ = 0.4 tons

Loose soil volume = 1.4 x borehole volume



MONITORING WELL SAMPLING FIELD FORM

Well I.D.: <u>MW - 2</u>	Project Number:	333025	12 Taskl
site: Halsell's (mocery	Time & Date gauged:	10:30 AM	12/6/21
Depth to NAPL:			
Depth to Water: 12.60	Height of Flu	uid Column:	7.40
Total Depth: 20.00	Volun	ne in Well:	1.20
Well Diameter: 2"	3 Casin	g Volumes	3.60

	Volume			Water Quality Measurements										
Time	Purged (gal)	Temp. (°C)	рН	Conductivity (μS)	ORP (mV)	DO (mg/L)	Color / Clarity or NTU	Other						
11:00	0	22.89	7.17	1588	34.3	1.62	Yellow	No odor						
11:05	.5	23.32	7.28	1568	-45.4	1.60	Yellow	No odor						
11:10	1	23.39	7.45	1559	0.09-	1.60	Yellow	No odor						
11:15	1.5	23.50	7.48	1558	-106.5	1.60	Vellow	No odor						
11:20	2	23.17	7.50	1558	-104.6	1.60	Yellow	No oder						
11.25	2.5	23.03	7.47	1558	-102.8	4.60	Yellow	NO ODOr						
11:30	3	23.39	7.48	1.558	-109.0	1.59	Yellow	No odor						
11:35	3.5	23.28	7.51	1560	-111.1	1.60	Yellow	No odar						
11:40	4	23.20	7.50	1555	-111.7	1.61	Yellow	Nodor						
			<i>x</i>											
Sample Date/Time 11:45 Am 12/6/21 Sampler Name Alicia A. Lopez Analytes/Methods: 8260B (Vols) Sampler Name Alicia A. Lopez							Lopez							

	Table 1: Volume of Casing or Hole per ft (K)											
Diameter	Gallons	ft ³	Diameter	Diameter Gallons ft ³ Diameter Gallo								
(Inches)	per ft	per ft	(Inches)	per ft	per ft	(Inches)	per ft	per ft				
1	0.041	0.0055	4	0.653	0.0873	8	2.611	0.3491				
1 ½	0.092	0.0123	4 ½	0.826	0.1104	9	3.305	0.4418				
2	0.163	0.0218	5	1.02	0.1364	10	4.08	0.5454				
2 ½	0.255	0.0341	5 ½	1.234	0.165	11	4.937	0.66				
3	0.367	0.0491	6	1.469	0.1963	12	5.875	0.7854				
3 ½	0.5	0.0668	7	2	0.2673	14	8	1.069				

1 gal = 3.785 L

1 m = 3.281 ft

1 gal = 8.33 lbs = 3.785 kg

1 ft Water = .433 psi

1 gal/ft = 12.419 L/ft

 $1 \text{ gal/m} = 12.419 \text{ x} 10^{-3} \text{ m}^{3}/\text{m}$

 $1 \text{ yd}^3 \text{ soil} = 1.5 \text{ tons}$

55-gal drum loose soil = 7.26 ft^3 =.27 yd^3 = 0.4 tons

Loose soil volume = 1.4 x borehole volume

55-gal drum loose soil = 7.26 ft^3 =.27 yd^3 = 0.4 tons

Loose soil volume = 1.4 x borehole volume



MONITORING WELL SAMPLING FIELD FORM

Well I.D.:	Project Number: <u>3330252</u> Task l
site: Halsell's Grocery	Time & Date gauged: 8:30 Am 12/6/21
Depth to NAPL:/A	
Depth to Water: 12.50	Height of Fluid Column: 구. 니고
Total Depth: 10.92	Volume in Well: , 20
Well Diameter:2	3 Casing Volumes 3.60

	1		w	ater Quality	Measureme	nts		
Time	Volume Purged (gal)	Temp. (°C)	рН	Conductivity (μS)	ORP (mV)	DO (mg/L)	Color / Clarity or NTU	Other
12:10	0	23.10	7.47	1876	40.5	1.64	clear	NO DOOF
12:15	.5	22.80	7.64	1874	19.1	1.68	cloudy / 13	lack/No odor
12:20	١	22.75	7.74	1872	39.6	1.73	cloudy	Black / No odar
12:25	1.5	23.04	7.53	1911	7.3	1.65	cloudy /	Black / No odor
12:30	2	23.03	7.65	1903	-25.9	1.67	cloody /	Black Noodar
12:35	2.5	22.27	7.63	1907	-2.6	1.67	cloudy /	Black / Noodor
12:40	3	22.72	7.60	1899	-16.6	1-65	Cloudy	Black / NU OUOF
12:45	3.5	22.71	7.67	1903	-16.7	1.66	doudy (Back Nooder
12:50	4	22.50	7.58	1927	-14.4	1.66	Goody	Black Modder
							0	
Sample Date	e/Time	1:00	12/6/21		Sar	npler Name	Alicia	Impez
Analytes/Me	ethods:	8260B						
Equipment (used:	Interface	probe,	disposable	e bailer.	multipa	romatu n	retur

Table 1: Volume of Casing or Hole per ft (K) Diameter Gallons ft³ Diameter Gallons ft³ Diameter ft³ Gallons (Inches) per ft per ft (Inches) per ft per ft (Inches) per ft per ft 1 0.041 0.0055 4 0.653 0.0873 8 2.611 0.3491 1 1/2 0.092 0.0123 4 1/2 0.826 0.1104 9 3.305 0.4418 2 0.163 0.0218 5 1.02 0.1364 10 4.08 0.5454 2 1/2 0.255 0.0341 5 1/2 1.234 0.165 11 4.937 0.66 3 0.367 0.0491 6 1.469 0.1963 12 5.875 0.7854 3 1/2 0.5 0.0668 7 2 0.2673 14 8 1.069

1 gal = 3.785 L

1 m = 3.281 ft

1 gal = 8.33 lbs = 3.785 kg

1 ft Water = .433 psi

1 gal/ft = 12.419 L/ft

 $1 \text{ gal/m} = 12.419 \text{ x } 10^{-3} \text{ m}^{3}/\text{m}$

1 yd³ soil = 1.5 tons

55-gal drum loose soil = 7.26 ft³ =.27 yd³ = 0.4 tons

Loose soil volume = 1.4 x borehole volume

55-gal drum loose soil = 7.26 ft³ =.27 yd³ = 0.4 tons

Loose soil volume = 1.4 x borehole volume



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

December 14, 2021

Jay Vanlandingham Souder, Miller & Associates 3500 Sedona Hills Parkway Las Cruces, NM 88011-4344 TEL: (575) 647-0799 FAX: (575) 647-0680

RE: Halsells Grocery

OrderNo.: 2112456

Dear Jay Vanlandingham:

Hall Environmental Analysis Laboratory received 4 sample(s) on 12/7/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Hall Environmental Analys	sis Laboratory, Inc	•		Date Reported: 12/14/2021						
CLIENT: Souder, Miller & Associates		Cl	ient Sample I	D: M	W-1					
Project: Halsells Grocery		(Collection Dat	te• 12	2/6/2021 2·20·00 PM					
Lab D: 2112456 001	Matrine AOUEOUS		Dessived De	Let 12	2/0/2021 2.20.00 I M					
Lab ID: 2112456-001	Matrix: AQUEOUS		Received Dat	te: 12	2///2021 10:10:00 AM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch				
EPA METHOD 8260B: VOLATILES					Analyst	: JR				
Benzene	ND	2.0	µg/L	5	12/10/2021 4:30:34 AM	R84427				
Toluene	ND	2.0	μg/L	5	12/10/2021 4:30:34 AM	R84427				
Ethylbenzene	24	2.0	μg/L	5	12/10/2021 4:30:34 AM	R84427				
Methyl tert-butyl ether (MTBE)	ND	5.0	µg/L	5	12/10/2021 4:30:34 AM	R84427				
1,2,4-Trimethylbenzene	3.3	2.0	μg/L	5	12/10/2021 4:30:34 AM	R84427				
1,3,5-Trimethylbenzene	ND	2.0	μg/L	5	12/10/2021 4:30:34 AM	R84427				
1,2-Dichloroethane (EDC)	ND	2.0	µg/L	5	12/10/2021 4:30:34 AM	R84427				
1,2-Dibromoethane (EDB)	ND	2.0	μg/L	5	12/10/2021 4:30:34 AM	R84427				
Naphthalene	7.0	5.0	μg/L	5	12/10/2021 4:30:34 AM	R84427				
1-Methylnaphthalene	ND	10	µg/L	5	12/10/2021 4:30:34 AM	R84427				
2-Methylnaphthalene	ND	10	µg/L	5	12/10/2021 4:30:34 AM	R84427				
Acetone	ND	25	µg/L	5	12/10/2021 4:30:34 AM	R84427				
Bromobenzene	ND	2.0	μg/L	5	12/10/2021 4:30:34 AM	R84427				
Bromodichloromethane	ND	2.0	μg/L	5	12/10/2021 4:30:34 AM	R84427				
Bromoform	ND	2.0	μg/L	5	12/10/2021 4:30:34 AM	R84427				
Bromomethane	ND	7.5	µg/L	5	12/10/2021 4:30:34 AM	R84427				
2-Butanone	ND	25	µg/L	5	12/10/2021 4:30:34 AM	R84427				
Carbon disulfide	ND	25	µg/L	5	12/10/2021 4:30:34 AM	R84427				
Carbon Tetrachloride	ND	2.0	μg/L	5	12/10/2021 4:30:34 AM	R84427				
Chlorobenzene	ND	2.0	μg/L	5	12/10/2021 4:30:34 AM	R84427				
Chloroethane	ND	5.0	μg/L	5	12/10/2021 4:30:34 AM	R84427				
Chloroform	ND	2.0	μg/L	5	12/10/2021 4:30:34 AM	R84427				
Chloromethane	ND	7.5	μg/L	5	12/10/2021 4:30:34 AM	R84427				
2-Chlorotoluene	ND	2.0	μg/L	5	12/10/2021 4:30:34 AM	R84427				
4-Chlorotoluene	ND	2.0	μg/L	5	12/10/2021 4:30:34 AM	R84427				
cis-1,2-DCE	ND	2.0	μg/L	5	12/10/2021 4:30:34 AM	R84427				
cis-1,3-Dichloropropene	ND	2.0	μg/L	5	12/10/2021 4:30:34 AM	R84427				
1,2-Dibromo-3-chloropropane	ND	5.0	μg/L	5	12/10/2021 4:30:34 AM	R84427				
Dibromochloromethane	ND	2.0	μg/L	5	12/10/2021 4:30:34 AM	R84427				
Dibromomethane	ND	2.0	μg/L	5	12/10/2021 4:30:34 AM	R84427				
1,2-Dichlorobenzene	ND	2.0	μg/L	5	12/10/2021 4:30:34 AM	R84427				
1,3-Dichlorobenzene	ND	2.0	μg/L	5	12/10/2021 4:30:34 AM	R84427				
1,4-Dichlorobenzene	ND	2.0	μg/L	5	12/10/2021 4:30:34 AM	R84427				
Dichlorodifluoromethane	ND	2.0	µg/L	5	12/10/2021 4:30:34 AM	R84427				
1,1-Dichloroethane	ND	2.0	µg/L	5	12/10/2021 4:30:34 AM	R84427				
1,1-Dichloroethene	ND	2.0	µg/L	5	12/10/2021 4:30:34 AM	R84427				
1,2-Dichloropropane	ND	2.0	µg/L	5	12/10/2021 4:30:34 AM	R84427				
1,3-Dichloropropane	ND	2.0	µg/L	5	12/10/2021 4:30:34 AM	R84427				
2,2-Dichloropropane	ND	5.0	µg/L	5	12/10/2021 4:30:34 AM	R84427				

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers: * Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceededND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range RL Reporting Limit

Page 1 of 14

Hall E	nvironmental Analysis	s Laboratory, Inc					Date Reported: 12/14/20	21			
CLIENT: Project: Lab ID:	Souder, Miller & Associates Halsells Grocery 2112456-001	Client Sample ID: MW-1 Collection Date: 12/6/2021 2:20:00 PM Matrix: AQUEOUS Received Date: 12/7/2021 10:10:00 AM									
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Batch			
EPA MET	THOD 8260B: VOLATILES						Analyst:	JR			
1,1-Dich	loropropene	ND	2.0		µg/L	5	12/10/2021 4:30:34 AM	R84427			
Hexachle	orobutadiene	ND	5.0		µg/L	5	12/10/2021 4:30:34 AM	R84427			
2-Hexan	one	ND	25		µg/L	5	12/10/2021 4:30:34 AM	R84427			
Isopropy	lbenzene	14	2.0		µg/L	5	12/10/2021 4:30:34 AM	R84427			
4-Isopro	pyltoluene	ND	2.0		µg/L	5	12/10/2021 4:30:34 AM	R84427			
4-Methyl	I-2-pentanone	ND	25		µg/L	5	12/10/2021 4:30:34 AM	R84427			
Methyler	ne Chloride	ND	7.5		µg/L	5	12/10/2021 4:30:34 AM	R84427			
n-Butylb	enzene	ND	7.5		µg/L	5	12/10/2021 4:30:34 AM	R84427			
n-Propyl	benzene	28	2.0		µg/L	5	12/10/2021 4:30:34 AM	R84427			
sec-Buty	lbenzene	4.4	2.0		µg/L	5	12/10/2021 4:30:34 AM	R84427			
Styrene		ND	2.0		µg/L	5	12/10/2021 4:30:34 AM	R84427			
tert-Buty	lbenzene	ND	2.0		µg/L	5	12/10/2021 4:30:34 AM	R84427			
1,1,1,2-T	Fetrachloroethane	ND	2.0		µg/L	5	12/10/2021 4:30:34 AM	R84427			
1,1,2,2-T	Fetrachloroethane	ND	5.0		µg/L	5	12/10/2021 4:30:34 AM	R84427			
Tetrachle	oroethene (PCE)	ND	2.0		µg/L	5	12/10/2021 4:30:34 AM	R84427			
trans-1,2	2-DCE	ND	2.0		µg/L	5	12/10/2021 4:30:34 AM	R84427			
trans-1,3	3-Dichloropropene	ND	2.0		µg/L	5	12/10/2021 4:30:34 AM	R84427			
1,2,3-Tri	chlorobenzene	ND	2.0		µg/L	5	12/10/2021 4:30:34 AM	R84427			
1,2,4-Tri	chlorobenzene	ND	2.0		µg/L	5	12/10/2021 4:30:34 AM	R84427			
1,1,1-Tri	chloroethane	ND	2.0		µg/L	5	12/10/2021 4:30:34 AM	R84427			
1,1,2-Tri	chloroethane	ND	2.0		µg/L	5	12/10/2021 4:30:34 AM	R84427			
Trichloro	pethene (TCE)	ND	2.0		µg/L	5	12/10/2021 4:30:34 AM	R84427			
Trichloro	ofluoromethane	ND	2.0		µg/L	5	12/10/2021 4:30:34 AM	R84427			
1,2,3-Tri	chloropropane	ND	5.0		µg/L	5	12/10/2021 4:30:34 AM	R84427			
Vinyl chl	oride	ND	2.0		µg/L	5	12/10/2021 4:30:34 AM	R84427			
Xylenes,	Total	ND	5.0		µg/L	5	12/10/2021 4:30:34 AM	R84427			
Surr: 7	1,2-Dichloroethane-d4	105 7	0-130		%Rec	5	12/10/2021 4:30:34 AM	R84427			
Surr: 4	4-Bromofluorobenzene	97.6 7	0-130		%Rec	5	12/10/2021 4:30:34 AM	R84427			
Surr: I	Dibromofluoromethane	94.4 7	0-130		%Rec	5	12/10/2021 4:30:34 AM	R84427			
Surr:	Toluene-d8	102 7	0-130		%Rec	5	12/10/2021 4:30:34 AM	R84427			

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit PQL Practical Quanitative Limit

Qualifiers:

S % Recovery outside of range due to dilution or matrix interference

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits Р Sample pH Not In Range
- RL Reporting Limit

Page 2 of 14

Hall Environmental Analysis	s Laboratory, Inc		Date Reported: 12/14/2021								
CLIENT: Souder, Miller & Associates Project: Halsells Grocery	Client Sample ID: MW-2 Collection Date: 12/6/2021 11:45:00 AM Matrix: AOUEOUS Received Date: 12/7/2021 10:10:00 AM										
Lao ID: 2112430-002	Matrix: AQUEOUS	Keceiveu Date:			e: 12/7/2021 10.10.00 AM						
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch					
EPA METHOD 8260B: VOLATILES					Analyst	JR					
Benzene	ND	1.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
Toluene	ND	1.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
Ethylbenzene	ND	1.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
Methyl tert-butyl ether (MTBE)	ND	1.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
1,2-Dichloroethane (EDC)	ND	1.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
1,2-Dibromoethane (EDB)	ND	1.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
Naphthalene	ND	2.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
1-Methylnaphthalene	ND	4.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
2-Methylnaphthalene	ND	4.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
Acetone	ND	10	µg/L	1	12/10/2021 5:56:37 AM	R8442					
Bromobenzene	ND	1.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
Bromodichloromethane	ND	1.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
Bromoform	ND	1.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
Bromomethane	ND	3.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
2-Butanone	ND	10	µg/L	1	12/10/2021 5:56:37 AM	R8442					
Carbon disulfide	ND	10	µg/L	1	12/10/2021 5:56:37 AM	R8442					
Carbon Tetrachloride	ND	1.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
Chlorobenzene	ND	1.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
Chloroethane	ND	2.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
Chloroform	ND	1.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
Chloromethane	ND	3.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
2-Chlorotoluene	ND	1.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
4-Chlorotoluene	ND	1.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
cis-1,2-DCE	ND	1.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
cis-1,3-Dichloropropene	ND	1.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
1,2-Dibromo-3-chloropropane	ND	2.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
Dibromochloromethane	ND	1.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
Dibromomethane	ND	1.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
1,2-Dichlorobenzene	ND	1.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
1,3-Dichlorobenzene	ND	1.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
1,4-Dichlorobenzene	ND	1.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
Dichlorodifluoromethane	ND	1.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
1,1-Dichloroethane	ND	1.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
1,1-Dichloroethene	ND	1.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
1,2-Dichloropropane	ND	1.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
1,3-Dichloropropane	ND	1.0	µg/L	1	12/10/2021 5:56:37 AM	R8442					
2,2-Dichloropropane	ND	2.0	μg/L	1	12/10/2021 5:56:37 AM	R8442					

* Value exceeds Maximum Contaminant Level. **Qualifiers:**

Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference

Analyte detected in the associated Method Blank в

Е Value above quantitation range

Analyte detected below quantitation limits J Р

Sample pH Not In Range

RL Reporting Limit

Page 3 of 14

D Sample Diluted Due to Matrix

Hall En	vironmental Analysis	s Laboratory, Inc	2.		Date Reported: 12/14/2021						
CLIENT:	Souder, Miller & Associates	Client Sample ID: MW-2									
Project:	Halsells Grocery			Collect	ion Dat	ate: 12/6/2021 11:45:00 AM					
Lab ID:	2112456-002	Matrix: AQUEOUS		Recei	ved Dat	te: 12/7/2021 10:10:00 AM					
Analyses		Result		Qual	Units	DF	Date Analyzed	Batch			
EPA METH	IOD 8260B: VOLATILES						Analyst	: JR			
1,1-Dichlo	ropropene	ND	1.0		µg/L	1	12/10/2021 5:56:37 AM	R84427			
Hexachlor	obutadiene	ND	1.0		μg/L	1	12/10/2021 5:56:37 AM	R84427			
2-Hexanor	ne	ND	10		µg/L	1	12/10/2021 5:56:37 AM	R84427			
Isopropylb	enzene	4.2	1.0		µg/L	1	12/10/2021 5:56:37 AM	R84427			
4-Isopropy	/Itoluene	ND	1.0		µg/L	1	12/10/2021 5:56:37 AM	R84427			
4-Methyl-2	2-pentanone	ND	10		µg/L	1	12/10/2021 5:56:37 AM	R84427			
Methylene	Chloride	ND	3.0		µg/L	1	12/10/2021 5:56:37 AM	R84427			
n-Butylber	nzene	ND	3.0		µg/L	1	12/10/2021 5:56:37 AM	R84427			
n-Propylbe	enzene	ND	1.0		µg/L	1	12/10/2021 5:56:37 AM	R84427			
sec-Butylb	penzene	ND	1.0		µg/L	1	12/10/2021 5:56:37 AM	R84427			
Styrene		ND	1.0		µg/L	1	12/10/2021 5:56:37 AM	R84427			
tert-Butylb	enzene	ND	1.0		µg/L	1	12/10/2021 5:56:37 AM	R84427			
1,1,1,2-Te	trachloroethane	ND	1.0		µg/L	1	12/10/2021 5:56:37 AM	R84427			
1,1,2,2-Te	trachloroethane	ND	2.0		µg/L	1	12/10/2021 5:56:37 AM	R84427			
Tetrachlor	oethene (PCE)	ND	1.0		µg/L	1	12/10/2021 5:56:37 AM	R84427			
trans-1,2-I	DCE	ND	1.0		µg/L	1	12/10/2021 5:56:37 AM	R84427			
trans-1,3-I	Dichloropropene	ND	1.0		µg/L	1	12/10/2021 5:56:37 AM	R84427			
1,2,3-Trich	nlorobenzene	ND	1.0		µg/L	1	12/10/2021 5:56:37 AM	R84427			
1,2,4-Trich	nlorobenzene	ND	1.0		µg/L	1	12/10/2021 5:56:37 AM	R84427			
1,1,1-Trich	nloroethane	ND	1.0		µg/L	1	12/10/2021 5:56:37 AM	R84427			
1,1,2-Trich	nloroethane	ND	1.0		µg/L	1	12/10/2021 5:56:37 AM	R84427			
Trichloroe	thene (TCE)	ND	1.0		µg/L	1	12/10/2021 5:56:37 AM	R84427			
Trichlorofl	uoromethane	ND	1.0		µg/L	1	12/10/2021 5:56:37 AM	R84427			
1,2,3-Trich	nloropropane	ND	2.0		µg/L	1	12/10/2021 5:56:37 AM	R84427			
Vinyl chlor	ride	ND	1.0		µg/L	1	12/10/2021 5:56:37 AM	R84427			
Xylenes, T	otal	ND	1.5		µg/L	1	12/10/2021 5:56:37 AM	R84427			
Surr: 1,	2-Dichloroethane-d4	107 7	70-130		%Rec	1	12/10/2021 5:56:37 AM	R84427			
Surr: 4-	Bromofluorobenzene	101	70-130		%Rec	1	12/10/2021 5:56:37 AM	R84427			
Surr: Di	bromofluoromethane	98.5	70-130		%Rec	1	12/10/2021 5:56:37 AM	R84427			
Surr: To	bluene-d8	100 7	70-130		%Rec	1	12/10/2021 5:56:37 AM	R84427			

. --. --

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

Qualifiers:

S % Recovery outside of range due to dilution or matrix interference В Analyte detected in the associated Method Blank

Е Value above quantitation range

J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit

Page 4 of 14

Hall E	nvironmental Analysis	s Laboratory, Inc	•				Date Reported: 12/14/20)21			
CLIENT: Project: Lab ID:	Souder, Miller & Associates Halsells Grocery 2112456-003	Client Sample ID: MW-3 Collection Date: 12/6/2021 1:00:00 PM Matrix: AQUEOUS Received Date: 12/7/2021 10:10:00 AM									
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Batch			
EPA MET	THOD 8260B: VOLATILES						Analyst:	JR			
Benzene	9	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427			
Toluene		ND	1.0		μg/L	1	12/10/2021 6:25:14 AM	R84427			
Ethylben	izene	ND	1.0		μg/L	1	12/10/2021 6:25:14 AM	R84427			
Methyl te	ert-butyl ether (MTBE)	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427			
1,2,4-Tri	methylbenzene	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427			
1,3,5-Tri	methylbenzene	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427			
1,2-Dich	loroethane (EDC)	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427			
1,2-Dibro	omoethane (EDB)	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427			
Naphtha	lene	ND	2.0		µg/L	1	12/10/2021 6:25:14 AM	R84427			
1-Methyl	Inaphthalene	ND	4.0		µg/L	1	12/10/2021 6:25:14 AM	R84427			
2-Methyl	Inaphthalene	ND	4.0		µg/L	1	12/10/2021 6:25:14 AM	R84427			
Acetone		ND	10		µg/L	1	12/10/2021 6:25:14 AM	R84427			
Bromobe	enzene	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427			
Bromodi	chloromethane	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427			
Bromofo	rm	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427			
Bromom	ethane	ND	3.0		µg/L	1	12/10/2021 6:25:14 AM	R84427			
2-Butanc	one	ND	10		µg/L	1	12/10/2021 6:25:14 AM	R84427			
Carbon o	disulfide	ND	10		µg/L	1	12/10/2021 6:25:14 AM	R84427			
Carbon 7	Tetrachloride	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427			
Chlorobe	enzene	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427			
Chloroet	hane	ND	2.0		µg/L	1	12/10/2021 6:25:14 AM	R84427			
Chlorofo	rm	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427			
Chlorom	ethane	ND	3.0		µg/L	1	12/10/2021 6:25:14 AM	R84427			
2-Chloro	toluene	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427			
4-Chloro	toluene	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427			
cis-1,2-D	DCE	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427			
cis-1,3-D	Dichloropropene	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427			
1,2-Dibro	omo-3-chloropropane	ND	2.0		μg/L	1	12/10/2021 6:25:14 AM	R84427			
Dibromo	chloromethane	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427			
Dibromo	methane	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427			
1,2-Dich	lorobenzene	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427			
1,3-Dich	lorobenzene	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427			
1,4-Dich	lorobenzene	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427			
Dichloro	difluoromethane	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427			
1,1-Dich	loroethane	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427			
1,1-Dich	loroethene	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427			
1,2-Dich	loropropane	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427			
1,3-Dich	loropropane	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427			
2,2-Dich	loropropane	ND	2.0		µg/L	1	12/10/2021 6:25:14 AM	R84427			

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

* Value exceeds Maximum Contaminant Level. **Qualifiers:**

- PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference В Analyte detected in the associated Method Blank

- Value above quantitation range Е Analyte detected below quantitation limits
- J Р Sample pH Not In Range
- RL Reporting Limit

Page 5 of 14

D
 Sample Diluted Due to Matrix

 H
 Holding times for preparation or analysis exceeded

 ND
 Not Detected at the Reporting Limit

Hall Env	vironmental Analysis	s Laboratory, Inc		Date Reported: 12/14/2021				
CLIENT: S Project: H Lab ID: 2	ouder, Miller & Associates Ialsells Grocery 112456-003	Matrix: AQUEOUS	W-3 /6/2021 1:00:00 PM /7/2021 10:10:00 AM					
Analyses		Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHO	OD 8260B: VOLATILES						Analyst	JR
1,1-Dichloro	opropene	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427
Hexachlorol	butadiene	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427
2-Hexanone	e	ND	10		μg/L	1	12/10/2021 6:25:14 AM	R84427
Isopropylbe	enzene	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427
4-Isopropylt	toluene	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427
4-Methyl-2-	pentanone	ND	10		µg/L	1	12/10/2021 6:25:14 AM	R84427
Methylene (Chloride	ND	3.0		µg/L	1	12/10/2021 6:25:14 AM	R84427
n-Butylbenz	zene	ND	3.0		µg/L	1	12/10/2021 6:25:14 AM	R84427
n-Propylber	nzene	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427
sec-Butylbe	enzene	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427
Styrene		ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427
tert-Butylbe	nzene	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427
1,1,1,2-Tetr	rachloroethane	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427
1,1,2,2-Tetr	rachloroethane	ND	2.0		µg/L	1	12/10/2021 6:25:14 AM	R84427
Tetrachloro	ethene (PCE)	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427
trans-1,2-D	CE	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427
trans-1,3-Di	ichloropropene	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427
1,2,3-Trichle	orobenzene	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427
1,2,4-Trichle	orobenzene	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427
1,1,1-Trichle	oroethane	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427
1,1,2-Trichle	oroethane	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427
Trichloroeth	nene (TCE)	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427
Trichloroflug	oromethane	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427
1,2,3-Trichle	oropropane	ND	2.0		µg/L	1	12/10/2021 6:25:14 AM	R84427
Vinyl chlorid	de	ND	1.0		µg/L	1	12/10/2021 6:25:14 AM	R84427
Xylenes, To	otal	ND	1.5		µg/L	1	12/10/2021 6:25:14 AM	R84427
Surr: 1,2-	-Dichloroethane-d4	105	0-130		%Rec	1	12/10/2021 6:25:14 AM	R84427
Surr: 4-B	romofluorobenzene	98.1	70-130		%Rec	1	12/10/2021 6:25:14 AM	R84427
Surr: Dib	romofluoromethane	97.6	70-130		%Rec	1	12/10/2021 6:25:14 AM	R84427
Surr: Tol	uene-d8	98.6	70-130		%Rec	1	12/10/2021 6:25:14 AM	R84427

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

NDNot Detected at the Reporting LimitPQLPractical Quanitative Limit

Qualifiers:

S % Recovery outside of range due to dilution or matrix interference

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 6 of 14

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates

Project: Halsells Grocery Lab ID: 2112456-004

Client Sample ID: Trip Blank **Collection Date:**

Matrix: TRIP BLANK **Received Date:** 12/7/2021 10:10:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES					Analyst:	JR
Benzene	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
Toluene	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
Ethylbenzene	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
Methyl tert-butyl ether (MTBE)	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
1,2-Dichloroethane (EDC)	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
1,2-Dibromoethane (EDB)	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
Naphthalene	ND	2.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
1-Methylnaphthalene	ND	4.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
2-Methylnaphthalene	ND	4.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
Acetone	ND	10	µg/L	1	12/10/2021 6:53:52 AM	R84427
Bromobenzene	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
Bromodichloromethane	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
Bromoform	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
Bromomethane	ND	3.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
2-Butanone	ND	10	µg/L	1	12/10/2021 6:53:52 AM	R84427
Carbon disulfide	ND	10	µg/L	1	12/10/2021 6:53:52 AM	R84427
Carbon Tetrachloride	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
Chlorobenzene	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
Chloroethane	ND	2.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
Chloroform	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
Chloromethane	ND	3.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
2-Chlorotoluene	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
4-Chlorotoluene	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
cis-1,2-DCE	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
cis-1,3-Dichloropropene	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
1,2-Dibromo-3-chloropropane	ND	2.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
Dibromochloromethane	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
Dibromomethane	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
1,2-Dichlorobenzene	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
1,3-Dichlorobenzene	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
1,4-Dichlorobenzene	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
Dichlorodifluoromethane	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
1,1-Dichloroethane	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
1,1-Dichloroethene	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
1,2-Dichloropropane	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
1,3-Dichloropropane	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
2,2-Dichloropropane	ND	2.0	µg/L	1	12/10/2021 6:53:52 AM	R84427

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

* Value exceeds Maximum Contaminant Level. **Qualifiers:**

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix interference в Analyte detected in the associated Method Blank

Е Value above quantitation range

J Analyte detected below quantitation limits Р Sample pH Not In Range

RL Reporting Limit

Page 7 of 14

Date Reported: 12/14/2021

Date Reported: 12/14/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Souder, Miller & Associates

2112456-004

Halsells Grocery **Project:**

Lab ID:

Client Sample ID: Trip Blank **Collection Date:**

Matrix: TRIP BLANK

Received Date: 12/7/2021 10:10:00 AM

Analyses	Result	RL (Qual Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES					Analyst	JR
1,1-Dichloropropene	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
Hexachlorobutadiene	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
2-Hexanone	ND	10	µg/L	1	12/10/2021 6:53:52 AM	R84427
Isopropylbenzene	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
4-Isopropyltoluene	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
4-Methyl-2-pentanone	ND	10	µg/L	1	12/10/2021 6:53:52 AM	R84427
Methylene Chloride	ND	3.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
n-Butylbenzene	ND	3.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
n-Propylbenzene	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
sec-Butylbenzene	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
Styrene	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
tert-Butylbenzene	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
1,1,2,2-Tetrachloroethane	ND	2.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
Tetrachloroethene (PCE)	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
trans-1,2-DCE	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
trans-1,3-Dichloropropene	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
1,2,3-Trichlorobenzene	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
1,1,1-Trichloroethane	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
1,1,2-Trichloroethane	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
Trichloroethene (TCE)	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
Trichlorofluoromethane	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
1,2,3-Trichloropropane	ND	2.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
Vinyl chloride	ND	1.0	µg/L	1	12/10/2021 6:53:52 AM	R84427
Xylenes, Total	ND	1.5	µg/L	1	12/10/2021 6:53:52 AM	R84427
Surr: 1,2-Dichloroethane-d4	103	70-130	%Rec	1	12/10/2021 6:53:52 AM	R84427
Surr: 4-Bromofluorobenzene	94.3	70-130	%Rec	1	12/10/2021 6:53:52 AM	R84427
Surr: Dibromofluoromethane	95.8	70-130	%Rec	1	12/10/2021 6:53:52 AM	R84427
Surr: Toluene-d8	98.8	70-130	%Rec	1	12/10/2021 6:53:52 AM	R84427

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

* Value exceeds Maximum Contaminant Level.

- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded Not Detected at the Reporting Limit
- ND PQL Practical Quanitative Limit

Qualifiers:

- S % Recovery outside of range due to dilution or matrix interference
- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 8 of 14

14-Dec-21

Client: Souder, Miller & Associates **Project:** Halsells Grocery Sample ID: 100ng Ics SampType: LCS TestCode: EPA Method 8260B: VOLATILES Client ID: LCSW Batch ID: R84427

Client ID: LCSW	Batch	n ID: R8	4427	F	RunNo: 8 4	4427				
Prep Date:	Analysis D	ate: 12	2/9/2021	5	SeqNo: 2	965783	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	102	70	130			
Toluene	21	1.0	20.00	0	103	70	130			
Chlorobenzene	20	1.0	20.00	0	102	70	130			
1,1-Dichloroethene	21	1.0	20.00	0	103	70	130			
Trichloroethene (TCE)	19	1.0	20.00	0	92.9	70	130			
Surr: 1,2-Dichloroethane-d4	9.9		10.00		99.1	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		99.6	70	130			
Surr: Dibromofluoromethane	9.5		10.00		95.2	70	130			
Surr: Toluene-d8	10		10.00		99.8	70	130			
Sample ID: mb	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8260B: VOL	ATILES		
Client ID: PBW	Batch	n ID: R8	4427	F	RunNo: 8 4	4427				
Prep Date:	Analysis D	Date: 12	2/9/2021	S	SeqNo: 2	965808	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								

Qualifiers:

2-Chlorotoluene

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix interference S

ND

1.0

- Analyte detected in the associated Method Blank в
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

WO#: 2112456 14-Dec-21

Client:	Souder, Miller & A	ssociate	s								
Project:	Halsells Grocery										
Sample ID: mb	Samp	Туре: МЕ	BLK	Tes	tCode: El	PA Method	8260B: VOL	ATILES			
Client ID: PBW	Bato	h ID: R8	4427	F	RunNo: 8	4427					
Prep Date:	Analysis	Date: 12	2/9/2021	S	SeqNo: 2	965808	Units: µg/L				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
4-Chlorotoluene	ND	1.0									
cis-1,2-DCE	ND	1.0									
cis-1,3-Dichloropropene	ND	1.0									
1,2-Dibromo-3-chloroprop	oane ND	2.0									
Dibromochloromethane	ND	1.0									
Dibromomethane	ND	1.0									
1,2-Dichlorobenzene	ND	1.0									
1,3-Dichlorobenzene	ND	1.0									
1,4-Dichlorobenzene	ND	1.0									
Dichlorodifluoromethane	ND	1.0									
1,1-Dichloroethane	ND	1.0									
1,1-Dichloroethene	ND	1.0									
1,2-Dichloropropane	ND	1.0									
1,3-Dichloropropane	ND	1.0									
2,2-Dichloropropane	ND	2.0									
1,1-Dichloropropene	ND	1.0									
Hexachlorobutadiene	ND	1.0									
2-Hexanone	ND	10									
Isopropylbenzene	ND	1.0									
4-Isopropyltoluene	ND	1.0									
4-Methyl-2-pentanone	ND	10									
Methylene Chloride	ND	3.0									
n-Butylbenzene	ND	3.0									
n-Propylbenzene	ND	1.0									
sec-Butylbenzene	ND	1.0									
Styrene	ND	1.0									
tert-Butylbenzene	ND	1.0									
1,1,1,2-Tetrachloroethane	e ND	1.0									
1,1,2,2-Tetrachloroethane	e ND	2.0									
Tetrachloroethene (PCE)	ND	1.0									
trans-1,2-DCE	ND	1.0									
trans-1,3-Dichloropropene	e ND	1.0									
1,2,3-Trichlorobenzene	ND	1.0									
1,2,4-Trichlorobenzene	ND	1.0									
1,1,1-Trichloroethane	ND	1.0									
1,1,2-Trichloroethane	ND	1.0									
Trichloroethene (TCE)	ND	1.0									
Trichlorofluoromethane	ND	1.0									
1,2,3-Trichloropropane	ND	2.0									

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

Souder, Miller & Associates

Result

ND

ND

10

9.8

9.6

10

SampType: MBLK

Batch ID: R84427

PQL

1.0

1.5

SPK value SPK Ref Val

10.00

10.00

10.00

10.00

Analysis Date: 12/9/2021

Halsells Grocery

Page 11 of 14

uene-uo	51

Qualifiers:

Client:

Project:

Sample ID: mb

Prep Date:

Analyte

Vinyl chloride

Xylenes, Total

Client ID: PBW

Surr: 1,2-Dichloroethane-d4

Surr: 4-Bromofluorobenzene

Surr: Dibromofluoromethane

Surr: Toluene-d8

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit Practical Quanitative Limit
- PQL
- % Recovery outside of range due to dilution or matrix interference S
- Analyte detected in the associated Method Blank в
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Sample ID: 100ng Ics2	SampT	ype: LC	S	Tes	tCode: El	PA Method	8260B: VOL	ATILES		
Client ID: LCSW	Batch	n ID: R8	4427	R	RunNo: 8	4427				
Prep Date:	Analysis D	ate: 12	2/10/2021	S	SeqNo: 2	965810	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0	106	70	130			
Toluene	21	1.0	20.00	0	104	70	130			
Chlorobenzene	21	1.0	20.00	0	105	70	130			
1,1-Dichloroethene	21	1.0	20.00	0	104	70	130			
Trichloroethene (TCE)	19	1.0	20.00	0	96.2	70	130			
Surr: 1,2-Dichloroethane-d4	10		10.00		102	70	130			
Surr: 4-Bromofluorobenzene	9.8		10.00		98.0	70	130			
Surr: Dibromofluoromethane	9.9		10.00		98.7	70	130			
					404	70	100			
Surr: Toluene-d8	10		10.00		101	70	130			
Surr: Toluene-d8 Sample ID: 2112456-001a ms	10 SampT	ype: MS	10.00	Tes	tCode: El	PA Method	8260B: VOL	ATILES		
Surr: Toluene-d8 Sample ID: 2112456-001a ms Client ID: MW-1	10 SampT Batch	ype: MS	10.00 5 4427	Tes	tCode: El	PA Method 4427	8260B: VOL	ATILES		
Surr: Toluene-d8 Sample ID: 2112456-001a ms Client ID: MW-1 Prep Date:	10 SampT Batch Analysis D	ÿpe: MS n ID: R8 Date: 12	10.00 5 4427 2/10/2021	Tes R S	tCode: El RunNo: 8 SeqNo: 2	PA Method 4427 965817	8260B: VOL	ATILES		
Surr: Toluene-d8 Sample ID: 2112456-001a ms Client ID: MW-1 Prep Date: Analyte	10 SampT Batch Analysis D Result	ype: MS ID: R8 Date: 12 PQL	10.00 6 4427 2/10/2021 SPK value	Tesi R S SPK Ref Val	tCode: El RunNo: 8 SeqNo: 2 %REC	PA Method 4427 965817 LowLimit	8260B: VOL/ Units: µg/L HighLimit	ATILES %RPD	RPDLimit	Qual
Surr: Toluene-d8 Sample ID: 2112456-001a ms Client ID: MW-1 Prep Date: Analyte Benzene	10 SampT Batch Analysis D Result 100	ype: MS ID: R8 Date: 12 PQL 5.0	10.00 4427 2/10/2021 SPK value 100.0	Tes R S SPK Ref Val 1.237	tCode: El RunNo: 8 SeqNo: 2 %REC 102	PA Method 4427 965817 LowLimit 70	8260B: VOL/ Units: µg/L HighLimit 130	ATILES %RPD	RPDLimit	Qual
Surr: Toluene-d8 Sample ID: 2112456-001a ms Client ID: MW-1 Prep Date: Analyte Benzene Toluene	10 SampT Batch Analysis E Result 100 100	ype: MS D ID: R8 Date: 12 PQL 5.0 5.0	10.00 4427 2/10/2021 SPK value 100.0 100.0	Tes R SPK Ref Val 1.237 0	tCode: El RunNo: 8 SeqNo: 2 %REC 102 101	70 PA Method 4427 965817 LowLimit 70 70	8260B: VOL/ Units: µg/L HighLimit 130 130	ATILES %RPD	RPDLimit	Qual
Surr: Toluene-d8 Sample ID: 2112456-001a ms Client ID: MW-1 Prep Date: Analyte Benzene Toluene Chlorobenzene	10 SampT Batch Analysis E Result 100 100 100	ype: MS Date: 12 PQL 5.0 5.0 5.0	10.00 4427 2/10/2021 SPK value 100.0 100.0 100.0	Tes R SPK Ref Val 1.237 0 0	tCode: El RunNo: 8 SeqNo: 2 %REC 102 101 102	PA Method 4427 965817 LowLimit 70 70 70 70	8260B: VOL/ Units: µg/L HighLimit 130 130 130	ATILES %RPD	RPDLimit	Qual
Surr: Toluene-d8 Sample ID: 2112456-001a ms Client ID: MW-1 Prep Date: Analyte Benzene Toluene Chlorobenzene 1,1-Dichloroethene	10 SampT Batch Analysis E Result 100 100 100 97	ype: MS n ID: R8 Pate: 12 PQL 5.0 5.0 5.0 5.0 5.0	10.00 4427 2/10/2021 SPK value 100.0 100.0 100.0 100.0	Tes R SPK Ref Val 1.237 0 0 0 0	tCode: El RunNo: 8 SeqNo: 2 %REC 102 101 102 96.9	70 PA Method 4427 965817 LowLimit 70 70 70 70 70 70 70	8260B: VOL/ Units: µg/L HighLimit 130 130 130 130	ATILES %RPD	RPDLimit	Qual
Surr: Toluene-d8 Sample ID: 2112456-001a ms Client ID: MW-1 Prep Date: Analyte Benzene Toluene Chlorobenzene 1,1-Dichloroethene Trichloroethene (TCE)	10 SampT Batch Analysis D Result 100 100 97 93	ype: MS n ID: R8 pate: 12 PQL 5.0 5.0 5.0 5.0 5.0 5.0	10.00 4427 2/10/2021 SPK value 100.0 100.0 100.0 100.0 100.0	Tes: R S SPK Ref Val 1.237 0 0 0 0 0	tCode: El RunNo: 8 SeqNo: 2 <u>%REC</u> 102 101 102 96.9 92.8	PA Method 4427 965817 LowLimit 70 70 70 70 70 70 70 70 70	8260B: VOL/ Units: µg/L HighLimit 130 130 130 130 130	ATILES %RPD	RPDLimit	Qual
Surr: Toluene-d8 Sample ID: 2112456-001a ms Client ID: MW-1 Prep Date: Analyte Benzene Toluene Chlorobenzene 1,1-Dichloroethene Trichloroethene (TCE) Surr: 1,2-Dichloroethane-d4	10 SampT Batch Analysis D Result 100 100 97 93 49	ype: MS n ID: R8 pate: 12 PQL 5.0 5.0 5.0 5.0 5.0 5.0	10.00 4427 2/10/2021 SPK value 100.0 100.0 100.0 100.0 50.00	Tes: R SPK Ref Val 1.237 0 0 0 0 0	tCode: El RunNo: 8 SeqNo: 2 %REC 102 101 102 96.9 92.8 98.3	PA Method 4427 965817 LowLimit 70 70 70 70 70 70 70 70 70 70	8260B: VOL/ Units: µg/L HighLimit 130 130 130 130 130 130 130	ATILES %RPD	RPDLimit	Qual
Surr: Toluene-d8 Sample ID: 2112456-001a ms Client ID: MW-1 Prep Date: Analyte Benzene Toluene Chlorobenzene 1,1-Dichloroethene Trichloroethene (TCE) Surr: 1,2-Dichloroethane-d4 Surr: 4-Bromofluorobenzene	10 SampT Batch Analysis D Result 100 100 97 93 49 49	ype: MS n ID: R8 pate: 12 PQL 5.0 5.0 5.0 5.0 5.0 5.0	10.00 4427 2/10/2021 SPK value 100.0 100.0 100.0 100.0 50.00 50.00	Tes: R SPK Ref Val 1.237 0 0 0 0 0	tCode: El RunNo: 8 SeqNo: 2 %REC 102 101 102 96.9 92.8 98.3 97.7	70 PA Method 4427 965817 LowLimit 70 70 70 70 70 70 70 70 70 70 70 70	8260B: VOL/ Units: µg/L HighLimit 130 130 130 130 130 130 130 130	ATILES %RPD	RPDLimit	Qual
Surr: Toluene-d8 Sample ID: 2112456-001a ms Client ID: MW-1 Prep Date: Analyte Benzene Toluene Chlorobenzene 1,1-Dichloroethene Trichloroethene (TCE) Surr: 1,2-Dichloroethane-d4 Surr: 4-Bromofluorobenzene Surr: Dibromofluoromethane	10 SampT Batch Analysis D Result 100 100 97 93 49 49 49 48	ype: MS n ID: R8 pate: 12 PQL 5.0 5.0 5.0 5.0 5.0 5.0	10.00 4427 2/10/2021 SPK value 100.0 100.0 100.0 100.0 50.00 50.00 50.00	Tes R SPK Ref Val 1.237 0 0 0 0 0	tCode: El RunNo: 8 SeqNo: 2 %REC 102 101 102 96.9 92.8 98.3 97.7 96.0	70 PA Method 4427 965817 LowLimit 70 70 70 70 70 70 70 70 70 70 70 70 70	8260B: VOL/ Units: µg/L HighLimit 130 130 130 130 130 130 130 130 130	ATILES %RPD	RPDLimit	Qual

TestCode: EPA Method 8260B: VOLATILES

70

70

70

70

Units: µg/L

HighLimit

130

130

130

130

%RPD

RPDLimit

RunNo: 84427

102

97.9

96.2

101

SeqNo: 2965808

%REC LowLimit

WO#: 2112456 14-Dec-21

Qual

Souder, Miller & Associates

WO#: 2112456 14 Dec 21

Client: Project:

Halsells Grocery

Sample ID: 2112456-001a msd	I SampT	ype: MS	SD	Tes	tCode: El	PA Method	8260B: VOL	TILES		
Client ID: MW-1	Batch	h ID: R8	4427	F	RunNo: 84	4427				
Prep Date:	Analysis D	Date: 12	2/10/2021	S	SeqNo: 2	965818	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	97	5.0	100.0	1.237	95.4	70	130	6.74	20	
Toluene	95	5.0	100.0	0	95.1	70	130	5.80	20	
Chlorobenzene	94	5.0	100.0	0	93.7	70	130	8.79	20	
1,1-Dichloroethene	92	5.0	100.0	0	92.4	70	130	4.67	20	
Trichloroethene (TCE)	89	5.0	100.0	0	88.9	70	130	4.28	20	
Surr: 1,2-Dichloroethane-d4	49		50.00		97.2	70	130	0	0	
Surr: 4-Bromofluorobenzene	47		50.00		94.5	70	130	0	0	
Surr: Dibromofluoromethane	50		50.00		99.3	70	130	0	0	
Surr: Toluene-d8	50		50.00		99.1	70	130	0	0	
Sample ID: mb2	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8260B: VOL	TILES		
Client ID: PBW	Batch	h ID: R8	4427	F	RunNo: 8 4	4427				
Prep Date:	Analysis D	Date: 12	2/10/2021	S	SeqNo: 2	965822	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								

Qualifiers:

- Value exceeds Maximum Contaminant Level. *
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit PQL Practical Quanitative Limit

- % Recovery outside of range due to dilution or matrix interference S
- Analyte detected in the associated Method Blank в

Е Value above quantitation range

J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit

Page 12 of 14

WO#: 2112456 14-Dec-21

Client: Soude	r, Miller & A	ssociate	es							
Project: Halsel	ls Grocery									
Sample ID: mb2	SampT	ype: MI	BLK	Tes	tCode: E	PA Method	8260B: VOL	ATILES		
Client ID: PBW	Batc	n ID: R8	84427	F	RunNo: 8	4427				
Prep Date:	Analysis E	Date: 12	2/10/2021	S	SeqNo: 2	965822	Units: µg/L			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

WO#:	2112456
	14-Dec-21

Client: Project:	Souder, Halsells	Miller & A Grocery	ssociate	ŝ							
Sample ID: mb2		SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8260B: VOLA	TILES		
Client ID: PBW		Batch	n ID: R8	4427	R	unNo: 84	4427				
Prep Date:		Analysis D	Date: 12	2/10/2021	S	eqNo: 2	965822	Units: µg/L			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Vinyl chloride		ND	1.0								
Xylenes, Total		ND	1.5								
Surr: 1,2-Dichloroetha	ne-d4	10		10.00		101	70	130			
Surr: 4-Bromofluorobe	nzene	9.9		10.00		99.2	70	130			
Surr: Dibromofluorome	ethane	9.7		10.00		97.0	70	130			
Surr: Toluene-d8		10		10.00		102	70	130			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix interference
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 14 of 14

	RONMENTAL YSIS RATORY	Hall Environn TEL: 505-345 Website: clier	ental Analysis Labor 4901 Hawki Albuquerque, NM 8 3975 FAX: 505-345 tts.hallenvironmenta	ratory ns NE 87109 San -4107 el.com	nple Log-In Che	ck List
Client Name:	Souder, Miller & Associates	Work Order Nur	nber: 2112456		RcptNo: 1	
Received By:	Sean Livingston	12/7/2021 10:10:0	00 AM	5.1	nat	
Completed By:	Desiree Dominguez	12/8/2021 7:55:24	AM	TA		
Reviewed By:	JN12/8/11			113		
<u>Chain of Cus</u>	tody					
1. Is Chain of C	ustody complete?		Yes 🔽	No 🗌	Not Present	
2. How was the	sample delivered?		FedEx			
<u>Log In</u>						
3. Was an attem	npt made to cool the sample	es?	Yes 🔽	No 🗌	NA 🗌	
4. Were all samp	ples received at a temperati	ire of >0° C to 6.0°C	Yes	No 🗹	NA 🗌	
5. Sample(s) in p	proper container(s)?		Yes V	No 🗌		
6. Sufficient sam	ple volume for indicated tes	t(s)?	Yes 🗹	No 🗌		
7. Are samples (e	except VOA and ONG) prop	erly preserved?	Yes 🔽	No 🗌		
8. Was preservat	tive added to bottles?		Yes 🗌	No 🗹	NA 🗌	
9. Received at lea	ast 1 vial with headspace <	1/4" for AQ VOA?	Yes 🗸	No 🗌		
10. Were any sam	nple containers received bro	ken?	Yes	No 🗹	# of preserved	/
11.Does paperwo (Note discrepa	rk match bottle labels? ncies on chain of custody)		Yes 🔽	No 🗌	bottles checked for pH:	inless noted)
12. Are matrices c	orrectly identified on Chain	of Custody?	Yes 🗸	No 🗌	Adjusted?	iniess noteu)
13. Is it clear what	analyses were requested?		Yes 🗹	No 🗌		
14. Were all holdin (If no, notify cu	g times able to be met? stomer for authorization.)		Yes 🔽	No 🗌	Checked by:	-12/8/n
Special Handli	ng (if applicable)					
15. Was client not	ified of all discrepancies wit	h this order?	Yes	No 🗌	NA 🔽	
Person	Notified:	Date	:	a management		
By Whor	m:	Via:	eMail P	hone 🗌 Fax	In Person	
Regardir	ng:					
Client Ins	structions:					
16. Additional rem	narks:					
17. <u>Cooler Inform</u> Cooler No	Temp °C Condition	Seal Intact Could be	Coal Date	0		
1	-2.0 Good	Searmact Sear No	Seal Date	Signed By		

And the standard of the stand	M KStandard Restandard Restandard Idea Liza Liza	hain	D-Jo-I	ust	ody Record	Turn-Around	Time:						i					1
Project Hame: Project Hame: Www.hallenvironmentation ess: 3500 Sedona, Hill, Rubu, Ess: 5500 Sedona, Hill, Rubu,	Project Name: Project Name: Project Name: Project Name:	V				M -Standard	□ Rush								RC	MNN		Å
Test S20 Selon Halls Phann Halvelli Curcery Annummentation Lax Curres MN SR011 Project # 33302.53. Tax k1 4901 Hawins NE. Abuarence. 75 520 3300 25.00 3300 333035.51. Tax k1 4901 Hawins NE. Abuarence. 75 520 3300 25.00 3300 333035.51. Tax k1 4901 Hawins NE. Abuarence. 75 520 3300 25.00 3300 333035.51. Tax k1 161 505-365-3065 feature. 70 1 4 10 10 10 10 10 10 10 10 10 10 10 10 10	Test SEC Subort Hills Rhau, Lax Cruces IM SROIL Holzells Crocery Residence Holzells Crocery (1000000000000000000000000000000000000					Project Name					٢.							
Lax Cruzes M Stoll Project #: Project #: Tel. Bio-346-307 733 52.0 323.0 233.0 233.0 233.0 96: I = level 4 (Full Validation) 333.0 533.0 533.0 96: I = level 4 (Full Validation) 5-u Variandraft regenerative 46.0 96: I = level 4 (Full Validation) 5-u Variandraft regenerative 46.0 96: I = level 4 (Full Validation) 5-u Variandraft regenerative 46.0 90: I = level 4 (Full Validation) 5-u Variandraft regenerative 46.0 90: I = level 4 (Full Validation) 5-u Variandraft regenerative 46.0 100: I = level 4 (Full Validation) 5-u Variandraft regenerative 46.0 100: I = level 4 (Full Validation) 5-u 00.0 8270 (5-mir VOA) 100: I = level 4 (Full Validation) 2-u 00.0 100.0 00.0 100: I = level 4 (Full Validation) 2-u 00.0 10.0 00.0 100: I = level 4 (Full Validation) 2-u 0.0 10.0 10.0 100: I = level 4 (Full Validation) 2-u 0.0 10.0 10.0 100: I = level 4	Lax Crites M Stoll Project #: 725 5:2:0 3730,5.2.3 Task in the stoll and the stole and th	res	s: 3500	S	hundre Hills Premu	Ho	rd silasi	moren		4901 F	v Jawkir	ww.n:	allenvi - Albi	ronme	ental.o	om IM 87100	-	
mile Image: Contraction Image: Contraction Image: Contraction Image: Contraction mile Text Image: Contraction Image: Contraction Image: Contraction Image: Contraction mile Text Image: Contraction Image: Contraction Image: Contraction Image: Contraction mile Image: Contraction Image: Contraction Image: Contraction Image: Contraction Image: Contraction mile Image: Contraction Image: Contraction Image: Contraction Image: Contraction Image: Contraction mile Image: Contraction Image: Contraction Image: Contraction Image: Contraction Image: Contraction mile Image: Contraction Image: Contraction Image: Contraction Image: Contraction Image: Contraction mile Image: Contraction Image: Contraction Image: Contraction Image: Contraction Image: Contraction mile Image: Contraction Image: Contraction Image: Contraction Image: Contraction Image: Contraction mile Image: Contraction Image: Contraction Image: Contraction Image: Contraction Image: Contraction mile Image: Contraction Image: Contraction Image: Contre Image: Contre Image: Contraction	Bill Group And Algebrand Societ The Algebrand Societ The Algebrand Societ The Algebrand Societ Bill Group Algebrand Societ The Algebrand Societ The Algebrand Societ The Algebrand Societ Contrainer Sample Name Sample Name Contrainer Sample Name Contrainer Matrix Sample Name Contrainer EEB (NO2, NO2, NO2, SOL Sample Name Container Preservative Algebrand Structure Preservative Structure Container Preservative Container Preservative Structure Container Container Preservative Algebrand Structure Structure Container Container Preservative Algebrand Structure Structure Container Preservative Algebrand Algebrand Structure Container Preservative Algebrand Algebrand Algebrand Algebrand Algebrand Algebrand	1	Las Cr	ruce.	C 11088 WN S	Project #: 3	330253	L Tosk I		Tel. 5(05-34	5-3975		ax 50	15-34	-4107	L MARKET	
age:	age: " age: " age: " age: " " " " " " " " " " " " " "	ĺ₩	iau.va	andre	to a hom @ Soudermilly	Project Mana	der:		(((SIS K	ednes			
III. Az Compliance Sampler. Mixtic. A: Lop 62 0010er: III. AZ Compliance Sampler. 0010er: III. AZ Compliance Dolter: III. 0010er: III. AZ Compliance Dolter. III. 0010er: III. III. AZ Compliance Dolter. 0010er: III. III. III. III. 11010er: III. III. III. III. 11100 III. III. III. III. 11100 III. III. III. III. 11110 III. III. III.	Пассопрівале Sample: Ант.с. А. Lepez Sample: Ант.с. А. Lepez 00ne: 00ne: 00ne: 00ne: 00ne 00ne<	age	D		-evel 4 (Full Validation)	h	Vanland	hingham	1208) s			SWIS	DS '⁺Od		in92dA\			
P00 # of Coolers: # of Coolers: The Coolers:	B0 # of Coolers: V # of Coolers: V Matrix Bample Name # of Coolers: V Matrix Sample Name Cooler Temperatores: -1 (4 - 0, 1 - 2, 0; 0) The Network Matrix Sample Name Cooler Temperatores: -1 (4 - 0, 1 - 2, 0; 0) The Network Matrix Sample Name Cooler Temperatores Matrix Sample Name Matrix Matrix Sample Name Matrix Sample Name Matrix Matrix Matrix </td <td>ä</td> <td>□ Az Ci □ Othe</td> <td>Compli er</td> <td>ance</td> <td>Sampler: A</td> <td>icica A.L</td> <td>-0662</td> <td>'8MT</td> <td>2808/</td> <td>(1.4(</td> <td>0728 1</td> <td>'^zON</td> <td>হা ৫ ৯ %</td> <td>Lesen (Y</td> <td></td> <td></td> <td></td>	ä	□ Az Ci □ Othe	Compli er	ance	Sampler: A	icica A.L	-0662	'8MT	2808/	(1.4(0728 1	' ^z ON	হা ৫ ৯ %	Lesen (Y			
Image: Second	Image: Second frame Cooler Temponancer: Cooler: Cooler Temponancer: <thc< td=""><td>(ed</td><td></td><td></td><td></td><td># of Coolers:</td><td>3 -</td><td></td><td>3E \</td><td>səp</td><td>)g p</td><td>o 01 slsi</td><td>'^ɛO</td><td>2</td><td>1) u</td><td></td><td></td><td></td></thc<>	(ed				# of Coolers:	3 -		3E \	səp)g p	o 01 slsi	' ^ɛ O	2	1) u			
Image Matrix Sample Name Container Preservative The Matrix Sample Name 20 Hp.O MW-1 3 VOAs Hp.Cls -001 1 808 16 % bit % bi	Referentive Matrix Sample Name Container Preservative HEAL No. 20 Hp.0 MW-1 3 VOAs Ho.12 -0.01 BTEX 45 MW-2 3 VOAs Ho.12 -0.01 BTEX \times 8270 (6.01 45 MW-3 -0.01 \times 8270 (6.01 \times 8270 (6.01 \times 8270 (6.01 00 -0.02 -0.02 -0.02 \times 8270 (6.01 \times 8270 (6.01 1170 MW-3 -0.02 -0.02 \times 8270 (6.01 \times 8270 (6.01 1170 MW-3 -0.02 -0.02 -0.02 \times 8270 (6.01 \times 8270 (6.01 1170 MW-3 -0.024 -0.024 -0.024 \times 8270 (6.01 \times 8270 (6.01 1170 MW-3 -0.024 -0.024 -0.024 -0.024 \times 8270 (6.01 \times 8200 (Cooler Temp	(including CF): - (.	(0.) C. 2-=1.0-10	ITM MTB)uci ioitee	etho	83.	r, N	(AO	-ime			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Je	Matrix	Sar	mple Name	Container Type and #	Preservative Type	HEAL NO.	BTEX /	08.1 P.	EDB (W	a sha 3 AADF	CI'E'B	N) 0928	C) 0120			
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	50	140		MW-1	3 voas	Hach	-001)		-			
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	42	-		MW-2	1		200-						X				
Trip Blcn/2 To Dout I	Trip Blcn2 -004 </td <td>8</td> <td>1</td> <td></td> <td>MW-3</td> <td></td> <td>4</td> <td>- 003</td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td>	8	1		MW-3		4	- 003				-		X				
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$				Trip Blonk			-004										
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$																	
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$																	
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$																	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$			_														
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$																	
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$			\downarrow										\dashv				
: Relinquished by: Relinquished by: Relinquis	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$			\downarrow						\square								
Notice Notice Notice Not Remarks: Notice Not Sec Fedex [2] 7 [71 [0]:10 Not Even Relinquished by: Received by: Via: Date Time Remarks:	Neuropeople Keeninguisheed by: Via: Date Time Remarks: D Olivie 0.1 0.1 0.1 0.1 : Relinquished by: Received by: Via: Date Time		doi: no line					Ĩ	\neg		_							
: Relinquished by: Via: Date Time	: Relinquished by: Via: Date Time	. 8		neu uy.	N Loper	Received by:	VIA: redex	Date Time てイアイフィ (の:10	Remar Not	ks:	Com-	S	2	\mathcal{C}	212			
			Relinquish	hed by:		Received by:	Via:	Date Time							<u>.</u>			

this possibility. Any sub-contracted data will be clearly notated on the analytical report. 5 Inuice â n DC 2

SOUDER, MILLER & ASSOCIATES SITE-SPECIFIC HEALTH & SAFETY PLAN 29 CFR 1910.120 (b)(2)(4)

1.0 INTRODUCTION

This document is the site-specific health and safety plan for Souder, Miller & Associates (SMA) with specific reference to the Halsell's Grocery State-Lead petroleum storage tank (PST) release site, located at 112 School Road, Hatch, New Mexico. This document cannot list all hazardous activities or materials that may be encountered at the work site, however it does provide a framework for operating under generally accepted health and safety methods.

2.0 **OBJECTIVES**

It is the intention of this plan to itemize the minimum health and safety requirements for SMA personnel, for subcontractors under direct supervision by SMA, and for site visitors. This plan is devised with due consideration of regulations and performance requirements of various state agencies regarding the health and safety of the surrounding population. It is also the purpose of this plan to reduce or eliminate the potential for injury.

2.1 Work Tasks and Objectives

SMA will be conducting investigative and/or remedial activities related to a release of hydrocarbons from an underground storage tank (UST) system. These activities include groundwater sampling from monitoring wells and observation of in-situ treatment (injection) of an activated carbon-based solution (COGACTM).

2.2 Effectiveness

Inspections shall be conducted by the SMA site health and safety supervisor, or his/her representative, to determine the effectiveness of the site health and safety plan. Any deficiencies in the effectiveness of the site health and safety plan shall be corrected by SMA.

2.3 Location of Health and Safety Plan

The site health and safety plan will be kept on site accessible to personnel in the SMA vehicle at all times, unless a specific centralized location is designated by the employees, contractors, and subcontractors working on site.

2.4 **Pre-Entry Briefing**

A health and safety briefing will be conducted for all site personnel prior to initiating site activity, and at such other times as necessary to ensure that SMA employees, contractors, and subcontractors are apprised of the site health and safety plan.

The information contained in this site health and safety plan is compiled from data obtained from site

29 CFR 1910.120 (b)(2)(4)(i)

29 CFR 1910.120 (b)(2)(4)(iv)

29 CFR 1910.120 (b)(2)(4)(iii)

29 CFR 1910.120 (b)(3)(ii)

characterization and analysis work.

3.0 PROJECT ORGANIZATION

SMA Project Manager:Ms. Stephanie Hinds, Project Engineer, (505) 793-7079SMA Senior Manager:Mr. Jay Vanlandingham, P.G. (575) 449-2966

4.0 AGENCY COORDINATION

NMED Project Manager: Mr. Michael Boulay, Geoscientist, (505) 372-8331

5.0 SITE DESCRIPTION

29 CFR 1910.120 (c)(4)

SITE NAME: Halsell's Grocery State-Lead Site

LOCATION: 112 School Road, Hatch, NM 87937

CURRENT ON-SITE ACTIVITIES: Grocery store with parking lot

TOPOGRAPHY: flat, paved parking lot with sidewalks and roadways along property perimeter

SURROUNDING POPULATION: within Town of Hatch town limits, mix of commercial, residential, and light industrial properties

EXPECTED WEATHER CONDITIONS: TBD but potentially (likely) cool/cold, breezy (winter time-frame)

ACCESSIBILITY OF SITE: easily accessible, no fencing or gates

6.0 SITE WORK PLAN

6.1 Description of Job Tasks

SMA will sample from three groundwater monitoring wells using disposable bailers. SMA will also be on site to observe injection of a chemically oxygenated active carbon solution, performed by Remington Technologies, Inc. Heavy equipment, including a Geoprobe 7822DT direct push rig and mixing tanks will be on site. Hydrocarbon impacted groundwater may be encountered.

6.2 Site Cleanup

The site will be cleared of hazards and injection debris and restored to pre-injection site conditions.

7.0 SITE CONTROL

Site control will consist of traffic cones, flagging, safety vests, and consultation with Town of Hatch for a

29 CFR 1910.120 (c)(4)(ii)

29 CFR 1910.120 (b)(3)(i)

traffic control plan. These measures are meant to prevent non-essential personnel from getting inside of the work area. The size of the work area will be determined by site specific parameters but will encompass an area of no greater than 5,000 square feet.

7.1 Pre-Emergency Planning

All on-site personnel and visitors will be required to attend a safety meeting discussing elements of this site-specific health and safety plan. The plan will be discussed with all personnel involved with site work prior to work initiation. Site characterization, expected hazards, and emergency response actions will be covered in the pre-emergency meeting. Additional safety meetings will be held when conditions such as weather, scope of work, or unanticipated hazards change substantially.

Monitoring for possible exposure to hazardous substances or health and safety hazards will be performed by the site health and safety officer during the execution of work tasks.

All site personnel must be aware of anticipated potential hazards and actively take steps to avoid or reduce the risk of such potential hazards. The site health and safety officer must be informed if unanticipated health and safety hazards are observed.

8.0 SITE CHARACTERIZATION 29 CFR 1910.120 (c)

8.1 Preliminary Evaluation

A preliminary evaluation of site characteristics has been performed prior to site entry by the project manager.

- EMPLOYEE PROTECTIONLevel D personal protective equipment (PPE), including steel-toed boots,
gloves, eye protection, ear protection (as applicable), and hard hats (as
applicable) must be worn by all personnel within the work area.
- ENGINEERING CONTROLS Personnel should, whenever possible, work on the upwind side of injection points. Subsurface contamination should not be encountered during system construction, however, should air quality monitoring indicate elevated levels of hazardous vapors, the work area will be evacuated and reassessed prior to re-entrance. An evaluation of increased level of protection (e.g., respiratory protection) will be performed prior to work area re-entry.

8.2 Anticipated Safety and Health Hazards

29 CFR 1910.120 (c)(4)(v)

SAFETY HAZARDS: Traffic, noise, heavy equipment operation, heat or cold stress, slips/trips/falls, pinch points, sharp tools.

HEALTH HAZARDS: Soil and/or groundwater contaminated with petroleum hydrocarbons (benzene) and elevated dissolved metals (iron, manganese), volatile organic vapors, possible free phase petroleum hydrocarbons.

29 CFR 1910.120 (I)(2)(i)

29 CFR 1910.120 (c)(2)

8.3 Hazard Identification

29 CFR 1910.120 (c)(3)

Chemical Hazard	Pathways for Expo Risk Identification	osure 29 C 2	FR 1910.120 (c)(4)(vi) 9 CFR 1910.120 (c)(7)	Exposure Limits
Petroleum Hydrocarbons	Skin Contact, Eye Irritation	Inhalation	Ingestion	Cal/ OSHA PEL
Engineering Controls for Exposure Minimization	Wear protective gloves and clothing while handling soils and water. Petroleum hydrocarbon is an eye and throat irritant at levels around the PEL.	Stay upwind whenever possible while working with or near equipment. If engineering control is insufficient to minimize risk of inhalation, respirators will be worn.	No eating, drinking, or application of cosmetics in the work zone. Decontaminate prior to leaving work area. Wash hands prior to eating, drinking or the application of cosmetics.	300 ppm
Effects of Contaminant	Petroleum hydroc Permissible Expose including headach Long term expos indicate a potentia but this has not b mixture of varyin threshold has not	arbons are an eye and ure Limit (PEL), and cau ne, nausea, dizziness, a ure can affect liver a al for petroleum hydro een fully established. B g proportions of doze been determined.	d throat irritant at leve uses narcotic effects (wand blurred vision) at and kidney function. acarbons to be an anim Because petroleum hydens of hydrocarbons,	els around the vith symptoms higher levels. Some studies al carcinogen, drocarbon is a a mean odor

Physical Hazard	Engineering Controls to Minimize Risks
Noise	Wear earplugs when in noisy areas that have sound levels such that interfere with normal conversation.
Traffic	Inspect and maintain traffic safety cones and/or flagging to keep automobile traffic away from work area.
Heat or Cold Stress	Monitor individuals for signs of stress if air temperature exceeds 85°F or drops below 40°F. Provide frequent breaks to cool down or warm up. Have fluids available.
Heavy Equipment Operation	Be visible to operator when approaching heavy equipment. Do not operate equipment and walk away.

8.4 Safety and Health Risk/Hazard Analysis

Work will be performed outdoors. Engineering controls, such as working upwind as much as is practicable, will help minimize risk to exposure. Should PID readings exceed normal background levels anywhere in the work area, the work area will be evacuated, and the risks re-evaluated.

IDLH Concentrations

The work area will be evacuated before personnel exposure to IDLH concentrations of contaminants.

Explosion Sensitivity and Flammability Ranges

If levels of contaminants reach explosive levels at the site location, work will cease and the injection boreholes will be abandoned as described in work tasks. The SMA on-site representative will monitor for potentially explosive conditions.

Oxygen deficiency

Not applicable

9.0 **DECONTAMINATION PROCEDURES**

All employees leaving the work area shall remove and discard disposable gloves and earplugs, wash personal protective equipment (such as rinsing off boots, cleaning eye protection, etc.) as necessary, and wash hands prior to leaving the work area.

Decontamination shall be performed in an area that will minimize the employee exposure. All equipment used for decontamination shall also be decontaminated or disposed of properly.

29 CFR 1910.120 (k)

<u>29 CFR 1910.120 (c)(7)(v)</u>

29 CFR 1910.120 (c)(7)(ii)

29 CFR 1910.120 (c)(7)(iv)

29 CFR 1910.120 (b)(2)(4)(ii)(a)

10.0 EMERGENCY RESPONSE PLAN

10.1 Response Activities

Determine the nature of the emergency (release of hazardous substances, injury or unconsciousness from hazardous substance, injury from physical hazard, etc.)

FIRST AID KIT AND FIRE EXTINGUISHER:

An emergency first aid kit and the fire extinguisher are located in the SMA vehicle.

- MINOR INJURY: If the injury or illness is minor, full decontamination may be completed and first aid administered prior to transport. If the patient's condition is serious, medical assistance should be summoned immediately.
- SEVERE INJURY: If personal injury has occurred resulting from hazardous substance exposure, call for emergency medical attention. Do not enter work area if risk of injury from hazardous substance exposure exists.

If personal injury has occurred, call for emergency medical attention.

- TELEPHONE: Each SMA employee on site has a mobile phone that can be used for emergency calls.
- VEHICLE ACCIDENT: If no personal injury, notify police and treat as traffic mishap. Record name of person(s) involved, telephone number(s), license number(s), insurance company name(s). Photograph vehicle damage, skid marks, property damage, etc.
- FIRE OR EXPLOSION:A fire extinguisher is available in the SMA vehicle. In the event a fire cannot
be extinguished, or the fighting of fire poses a safety and/or health risk, call
the local fire department immediately.

NOTIFICATION OF SITE PERSONNEL:

Three long beeps on support vehicle horn. Site personnel meet at a designated rally point upwind of incident outside of work area. Alert fire department.

11.0 TRAINING AND MEDICAL SURVEILLANCE

11.1 Training

29 CFR 1910.120 (b)(2)(4)(ii)(b)

All on site personnel have been trained as specified in SMA's health and safety program.

29 CFR 1910.120 (c)(4)(ii)

All site personnel certify that they are under a medical surveillance program as described in SMA's health and safety program.

12.0 TRAFFIC SAFETY PLAN

SMA will consult with Town of Hatch if they recommend a traffic control plan. Though site work is to take place on private property, adjacent public roadways and sidewalk may be affected during injection. Safety cones and markers will be utilized to alert non-essential personnel of site work, heavy equipment, operators, SMA employees, and subcontractors.

13.0 RECORD KEEPING

A daily log of site activities will be kept by the on-site SMA representative during work progression. All activities will be noted.

EMERGENCY TELEPHONE NUMBERS

AGENCY	TELEPHONE NUMBER
Emergency	911
Fire and Rescue	911
Police or Sheriff	911
Poison Control	1-800-432-6866
EPA Emergency Response Team	908-321-6660
National Response Center	800-424-8802
Center for Disease Control	404-488-4100
Chemtrec	800-424-9555
One Call	811
NOTIFICATION OF SMA	575-647-0680 (Las Cruces Office)
	505-793-7079 (S. Hinds, SMA Project Manager)
	575-449-2966 (J. Vanlandingham, SMA Sr. Project Manager)

Call SMA's Farmington Office at **575-647-0680** *after notification of emergency assistance. Inform office of the name of injured party or the nature of the incident. If injured worker is a contractor or subcontractor, instruct SMA personnel to inform contractor or subcontractor of the incident.*

Personnel Sign-In

Name (Print)	Representing	Signature	Date

Hospital Information: Mesilla Valley Hospital 3751 Del Rey Blvd. Las Cruces, NM 88012 911 or (575) 382-3500



38 via	min (37.0 miles) 🛛 🔁 < 🖶
Fas	test route, the usual traffic
11 Hat	2 School St ch, NM 87937
>	Get on I-25 S from NM-26 N
	4 min (1.7 mi)
>	Follow I-25 S to Co Rd D036/NM-320 E in Doña Ana Take exit 9 from I-25 S
	27 min (31.4 mi)
>	Follow Del Rey Blvd to your destination in Las Cruces

7 min (3.9 mi)

3751 Del Rey Blvd

Las Cruces, NM 88012

These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route. Nombre del propietario: Jose Guadalupe y Antonia Banuelos Ubicación de la propiedad: 112 School Street, Hatch, NM 87937

Este es mi consentimiento para que el Departamento de Medio Ambiente de Nuevo México (Departamento) y sus funcionarios, empleados, contratistas y representantes autorizados tengan acceso a la Propiedad descrita anteriormente para llevar a cabo acciones correctivas de acuerdo con los requisitos de 20.5.119 NMAC y aprobados por el Departamento. Las actividades pueden incluir, entre otras, las siguientes:

- Inyección de compuestos químicos para remediar la contaminación del suelo y las aguas subterráneas por la liberación de petróleo
- Monitoreo de las aguas subterráneas
- Inspección
- Reparación de terminaciones superficiales de pozos de monitoreo
- Utilización de equipos móviles para extraer vapores de petróleo y aguas subterráneas de los pozos de monitoreo
- Todos los trabajos se llevarán a cabo de manera eficiente y cortés y con un mínimo de interrupciones y molestias para los clientes, empleados, agentes y representantes del Propietario.

El Departamento y sus funcionarios, empleados, contratistas y representantes autorizados proporcionarán al Propietario un aviso por escrito o un aviso verbal antes de cada entrada en la Propiedad. Este aviso se entregará a:

Propietario:	José G o Antonia Banuelos
Dirección del Propietario:	P.O. Box 1110, Hatch, NM 87937
Teléfono: (575) 644-444	(575) 644-4441
Correo electrónico:	jgbanuelos@gmail.com

Es posible que el Propietario pueda observar las actividades en la Propiedad; sin embargo, todas las operaciones se llevarán a cabo de acuerdo con las Regulaciones de Salud y Seguridad Ocupacional (ver 29 CFR § 1910.120) y en caso de que se identifique cualquier riesgo potencial de incendio, explosión, salud, seguridad u otros peligros de la operación de residuos peligrosos, el Propietario no podrá observar. En caso de que el Propietario decida que se recojan y analicen muestras divididas, será responsable de organizar por adelantado el suministro y los costes asociados a cualquier equipo, accesorios y costes de laboratorio necesarios para dichas muestras divididas.

Se colocarán instalaciones en la propiedad de forma que se minimicen las interferencias con el movimiento de vehículos y las actividades habituales en la Propiedad. Tras la finalización del proyecto, el Departamento y sus funcionarios, empleados, contratistas y representantes autorizados abandonarán adecuadamente todos los pozos, retirarán el equipo, todos los materiales, la basura, las vallas y otros elementos asociados. El Departamento y sus funcionarios, empleados, empleados, contratistas y representantes autorizados devolverán la propiedad lo más cerca posible de la condición previa a la entrada.

Este permiso lo doy voluntariamente con conocimiento de mi derecho a negarme y sin coacción. He tenido la oportunidad de hacer preguntas y todas mis preguntas han sido contestadas a mi satisfacción.

4 Daincelos

11-19-2021