DO NOT

ADD ANY NEW INFORMATION

TO THIS FOLDER

GO TO NEXT FOLDER



September 24, 1996

KATHLEEN AYRES BANK OF NEWPORT 5000 SW MEADOWS ROAD, SUITE 100 LAKE OSWEGO OR 97035

Re:

Meadowbrook Store

File No.: 03-92-125

DEPARTMENT OF
ENVIRONMENTAL
QUALITY

NORTHWEST REGION

Dear Ms. Ayres:

As the Department of Environmental Qualities project manager for the Meadowbrook Grocery, located at 16845 Highway 211 South, Molalla, Oregon, I have been requested to submit an evaluation of the present site conditions to you.

A release was reported to the Department on May 1, 1992 from the decommissioning of one 1,000 gallon and one 550 gallon Underground Storage Tank. Approximately 35 cubic yards of impacted soil was treated and disposed of on-site. Three monitoring wells were installed in October of 1993, and low levels of gasoline compounds benzene, toluene, ethylbenzene, and total xylenes (BTEX) were found in each well. The only compound to exceed the Department's cleanup standards is benzene, which has a cleanup level of five (5) parts per billion (ppb). The highest concentration ever recorded at this site was only 64 ppb. Presently only one well (MW-2) exceeds the groundwater cleanup level with 7 ppb benzene on September 4, 1996. When all the wells are at or below five ppb for benzene, then final compliance samples will be required for the following three quarters. No remedial action is required at this site, and no further investigation is required either. Basically, the only anticipated environmental activity at this site will be final compliance sampling before the final closure letter can be written for this site.

If you have any questions or I can be of any additional assistance please contact me at (503) 229-5477.

Sincerely,

Rick Silverman

Environmental Specialist

Rich Silverman

John A. Kitzhaber Governor



Mr. Reck Selverman 9-20-96 aregon elept of Encuronamental Quality N.W. UST Section DEPT OF ENVIRONMENTAL QUALITY 200 S.w. 4th aue Suite 400 RECEIVED Porlland Or 97201 SEP 2 3 1996 clear Mr. Selverman NORTHWEST REGION This letter is ceretten to request your Consideration of a letter four dete. Us you know we have removed the gosoline Contaminated Soil from the Elecommissioning of our former under ground tanks and Installation of an above ground system. We are Continuing to Monitor ground water, However due to the need for some improvements we have to get a small Kusiness administration loan. Because of this Mrs. Kathberr Clyres of the Bank of numport has told as we need to show we have taken care of our Contamination problem. Bleause of this we would appreciate of If you Could write us a letter for the blank stating that we have complied with the DEQ in Cleaning up aur site and are doing only groundwater monetoring now. you help with this is appreciated Jone Trison yours Meadow brook Spocery

SML Associates Inc.

6920 S.W. 92nd Avenue, Unit 10 Portland, Oregon 97223 (503) 768-4512 Fax: 768-3902 DEPT OF ENVIRONMENTAL QUALITY
RECEIVED

SEP 1 9 1996

NORTHWEST REGION

September 17, 1996

Mr. Rick Silverman Oregon Department of Environmental Quality Northwest Region, UST Section 2000 S.W. Fourth Ave., Suite 400 Portland, Oregon 97201 (503 229-5477

Re: Quarterly groundwater monitoring, Meadowbrook Grocery, 16845 S. Hwy. 211, Molalla, Oregon. DEQ file #03-92-125

Dear Mr. Silverman:

This letter and the accompanying documents presents the results of the most recent groundwater monitoring for the above named property, as outlined in the modified CAP.

Background

Prior to sampling the total depth and depth to groundwater was measured in each well using a Solinst 100 interface probe. This information was recorded on a sampling event data sheet, one of which was recorded for each well. Copies of the data sheets are attached. The probe was decontaminated before and between each measurement by washing in tap water and Alconox, a biodegradable laboratory cleaner and degreaser, and rinsing in fresh tap water.

Sample Collection

The measurements obtained were used to calculate the well volume so that at least three volumes were purged prior to sampling. Purging was accomplished utilizing an ES-60 Purger submersible pump. Purged water was placed in individual, dedicated 55 gallon, DOT approved drums. Each drum was labeled with the monitoring well number and stored in a secured area between the store and the Frison home. The pump and tubing were decontaminated before and between sample events by submergence in a tap water and Alconox solution and flushing approximately five gallons through the pump and tubing. They were then flushed with approximately five gallons of tap water. The flushed water and Alconox solutions were placed in the appropriate 55 gallon drum.

The samples were collected in three laboratory supplied 40 ml VOA bottles. The samples were immediately refrigerated, information recorded on a chain of custody and hand delivered to the laboratory within 24 hours. Copies of the chain of custody and the analytical results are attached.

Groundwater Flow Direction

On August 12, 1995 the wells were surveyed by a registered surveyor. A copy of his survey was submitted with the first monitoring report. Utilizing the information from the survey and the measurement data collected during sampling, the groundwater flow direction for this sampling event has been determined to be to the northeast, specifically N. 32° E. A copy of the determination is attached.

Analytical Results and Recommendations

The results of the current and previous sampling are presented in Table 1. Results indicate continuing decrease in all three wells. Groundwater flow direction, as will be seen in previous reports, is to the north-northwest. The reversal in flow direction, we believe, is due to irrigation by a nearby Christmas tree farm. A groundwater reversal also occurred at approximately this season last year.

The dissolved lead levels during the first monitoring event were well below the drinking water standards. Therefore, with you verbal approval, we have discontinued the lead analysis. The next sampling is scheduled for early December, 1996.

Sincerely,

SML Associates, Inc.

Harold J. Slavik, Jr., PG

President

for

Toni Frison, Owner Meadowbrook Grocery

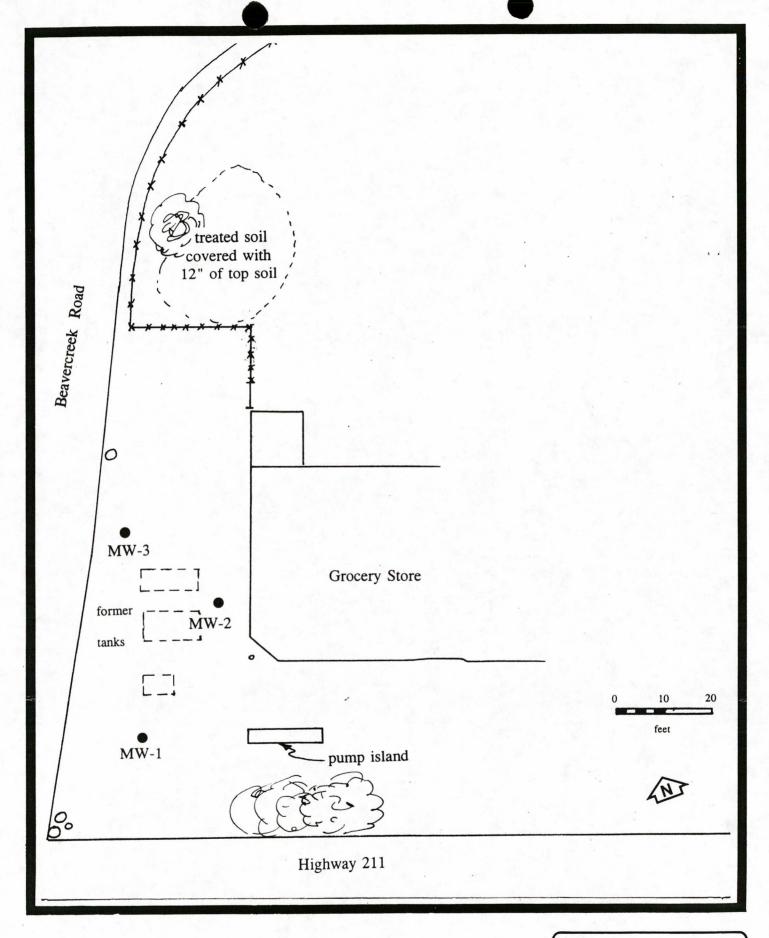
encs.

Table 1

Groundwater Analytical Results Meadowbrook Grocery 16845 So. Highway 211 Molalla, Oregon

Results are presented, in parts per billion (ppb), as benzene / toluene / ethylbenzene / xylenes. ND means below instrument detection limits (<2 ppb).

Sample Date	MW-1	MW-2	MW-3
July 26, 1995	7 / 4 / 98 / 190	26 / 36 / 110 / 390	ND/ND/2/5
November 1, 1995	7 / 7 / 120 / 220	64 / 220 / 520 /2200	6 / 15 / 36 / 150
February 15, 1996	14 / 13 / 140 / 260	25 / 35 / 150 / 1000	10 / 8 / 29 / 150
May 11, 1996	7 / 4 / 47 / 45	10 / 7 / 47 / 94	ND / ND / ND /ND
September 4, 1996	4/3/14/16	7/4/9/16	ND / ND / ND/ ND
			- Santa (1)



Site Location

Analytical Laboratory		eaverton,	Oregon 97007 503) 590-5300 503) 590-1404							DDY I					10				<u>1</u> of <u>1</u>
Company SML Associated Harold S/a Address 6920 SW Portland Phone # 503768-4512	92nd OK	Project Number <u>95</u> Ave #10 P.O. Number R 97823 Comments				35-						Sampler's Name Mike Boyer Signature Moderate Sampling Date 9-4-26 Provide Verbal Results XYes \(\sigma \) No Provide FAX Results XYes \(\sigma \) No							
Sample Identification	Date	Тіме	0al# 25.J158.	# of Containers	Water	Other (Note in Remarks) Volatiles 624/8260 (circle) All Aromatic Halouenated	Sernivolatiles 625/8270 (circle) All PAH(SIM) Phenol Phthalate	All PCB Pesticide (circle) Chlorinated Herbicides 8150	TPH-HCID OR-DEQ	m (circle)		As Ba Cd Cr Pb Hg Se Ag TT TCLP Organics (circle)	2			S R	- 2 we - 1 we - Rush - Othe	rREM	ARKS
1 MW-1-A 2 MW-1-B 3 MW-1-C 4 MW-2-A	1	11 2:35	1	1111111	X	5	0	17		·	X						el	ient	1/2/ 1/2/ 1/2/
5 MW-2-C 7 MW-3-A 8 MW-3-B 9 MW-3-C		// 3:15 //	50667 50668 *	1/ 1/ 1/ 1/		5	10	19											
Relinquisher Signature Print Name Company SML SSOCIAT Received Received	yn	Date 9	Signature Signature Signature Signature Signature Print N	ure			Relinau			Date Time			R	eceived	1 @ iate Co 40 V(RT	Jars als	Yes □	No
	Tee	17	Compa		/								_		GI	ass Bo	ottles		



SML ASSOCIATES 6920 SW 92ND AVENUE SUITE 10 PORTLAND, OR 97223 HAROLD SLAVIK (503) 768-4512 FAX 768-3902

ANALYST REVIEW BY: Ang DATE: 9/12/96

ATA PACK REVIEW BY: PAGE DATE: 9/13/96

DATA PACK REVIEW BY: _

BTEX BY EPA 602/8020/8021 OR 624/8240

SAMPLE ID:		MW-1 A	MW-2 A	MW-3 A
OAL ID: 25	-J158-	51017	51018	51019
SAMPLE DAT	E:	9/4/96	9/4/96	9/4/96
MATRIX:		WATER	WATER	WATER
EXTRACTION	DATE:	NA	"NA	NA
ANALYSIS D	ATE:	09/10/96	09/10/96	09/10/96
BENZENE	PPB	4.	7.	ND
TOLUENE	PPB	3.	4.	ND
ETHYLBENZE	NE PPB	14.	39.	ND
XYLENES	PPB	16.	16.	ND
SURR. RECOV	ERY %	85.	82.	76.
ANALYST:		RJ	RJ	RJ

BROMOFLUOROBENZENE WAS USED AS THE SURROGATE WATER MATRIX UNITS ARE UG/L (PPB) SOLIDS MATRIX UNITS ARE UG/KG (PPB)

NA = NOT ANALYZED

MI = MATRIX INTERFERENCE WITH SURROGATE RECOVERY

ND = NONE DETECTED

ORTING LIMITS:	WATER	SOIL
BENZENE	<2.0	<2.0
TOLUENE	<2.0	<2.0
ETHYLBENZENE	<2.0	<2.0
XYLENES	<2.0	<2.0
	TOLUENE ETHYLBENZENE	BENZENE <2.0 TOLUENE <2.0 ETHYLBENZENE <2.0

OREGON ANALYTICAL LABORATORY

A Division of Portland General Electric 14855 S.W. Old Scholls Ferry Road Beaverton, OR 97007



WELL OR LOCATION MW-

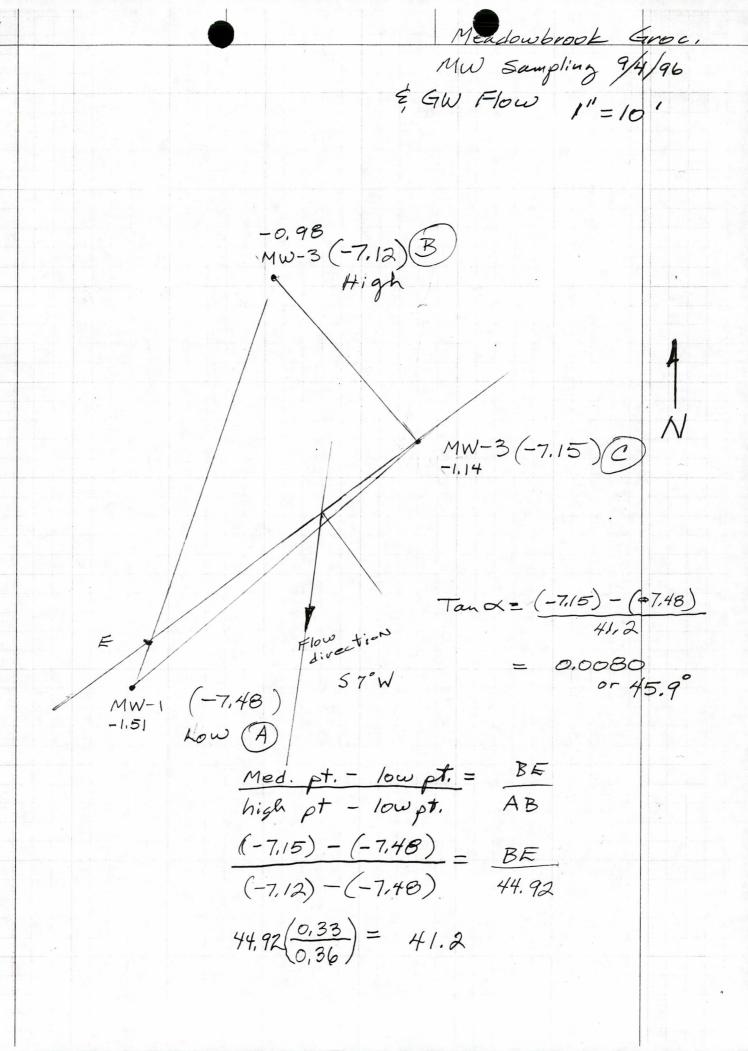
Well / H	ydrologic statis	tics	Act	ion	Time	Pump rate	(low yield)
•	Well ty	pe MW	Start pum	np / Begin	1:00		
	(MW,	EW, etc.)	purge	stopped	1:45	9.	
	\Box	2"	Finish	overe.	2:30		
597		ter	Sam	purge	2:45		.,
SWL 5.97 (if above screen)	equals	:0.163 gal/ft. cas	ing ,		Grand and		
		~	Stop				
packer ft			Sampled (Final IWL	,	rame to a		Mary Trade
bailer depth (circle one)		ТОР	(Final IVVL	-)	Purge c	alculation	
	1 1		. 0.163 gal	nt. · 8.55	ft. = 1.3	$\frac{9}{9}$ gals x 3 = $\frac{4}{10}$.18 gals.
SWL——			A 100	SWL to BOP	\sim		e volume-
(if in screen)	i	ВОР		packer to BC	OP volu	me 3 d	casings
measured /// 50		ВОР		888866666666666666666666666666666666666	abbeile bereite bereite bei bei bei bei bei bei bei bei bei be	ulation (Airlift o	nly)
measured /4.52 T.D.	<i>//////</i>	T.D. (as built)	ga	packer to		gais.	
Equipment Used / Sar	mpling Method / D	escription of Ev	ent:			4.	+
Equipment Good / Gai	.p.iiig ividuida / E	occupation of Et		Actual ga	allons pur	$\frac{4}{3}$	\
See MW-	3			Actual vo	lumes pu	rged	/
				Well yield	d ⊕		
				(see belo	ow)		
				coc	# _		
				Sample Mw-/-	$\frac{1.D.}{A}$	Analysis BTEX	OA L
Additional comments:				MW-1	$\frac{\pi}{3}$	DIC/	11
				MW-1	· ·	11	1/
				1/4-1		-	
						-	
Gallons purged *	TEMP °C / °F (circle one)	EC (us / cm)	PH	TURBID (NTU)	ITY		
1.				1 18//			
2.							i singh
3.							
4.			Will share				
5.					W		
* Take measurement at approximately each casing volume purged.	⊕ <u>HY-</u> Minimal W.L. drop		uring one sitting g pump rate or		o purge 3 es by retur r next day.	ning unab	nal recharge - ple to purge lumes.

WELL OR LOCATION MW-2

Well / H	ydrologic statist	ics	Act	lon	Time	Pump rate	(low yield)
	Well ty	pe <u>M</u> W EW, etc.)	Start pur	np / Begin	1:45		(ion yield)
	(MW, E	W, etc.)	finish		-		
				ample	2:30		
· -	d (diamet	er_2 "					
_ SWL 6.01						-	٠,٠
(if above screen)	(equals.	0.163 gal/ft. cas	ng				
			Stop		.)		
packer ft.	500		Sampled (Final IWL		-1		
bailer depth (circle one)		ТОР	(Fillal IVVL	.)	Durge of	leulation	
			0.163	. 8.26	+ _ 1.34	gals x 3 = 4	1.05 min
SWL					- ~	_	~
(if in screen)				SWL to BOP packer to BO	Or one OP volur		e volume- casings
		ВОР		Head pu	rge calcu	lation (Airlift o	
measured /4, 27 T.D.		TD (5-19)	ga	Vit. •	Maddiden eralista disease	endingendings are diserted accident	
T.D. ————		T.D. (as built)		packer to	SWL		
Equipment Used / San	npling Method / D	escription of Ev	ent:	Actual or	allons purg	red 41	
						2	
See MW-3				Actual vo	lumes pu		
				Well yield	d ⊕	My	
				(see belo	ow)		
				COC	#		
				Sample		Analysis	Lab
				MW-2		BTEX	OAL
Additional comments:				MW-2			4
				MW-3	<u> </u>	1/	"
Gallons purged *	TEMP °C /°F (circle one)	EC (us / cm)	PH	TURBID (NTU)			1
1.				11110			
2.							
3.							
4.						an and a	
5.							
* Take measurement at	⊕ HY- Minimal	MY - WL drop -	able to purge 3	LY - Able t	o ourge 3	VI Y - Minin	nal recharge -
approximately each casing volume purged.	W.L. drop	volumes d	uring one sitting g pump rate or	volum	es by return r next day.	ning unab	ole to purge lumes.

WELL OR LOCATION $M\omega - 3$

Well / Hy	ydrologic statist	lcs	Act	lon	Time	Pump rate	(low yield)
	Well tv	pe MW	Start pum	p / Begin	2:45		(ion yield)
		W, etc.)		e/sumple	3:30		
			J				
_	d (diamete	er 2 7			V4		
_ swL 6.14	1 1)	0.163 gal/ft. ca				-	۸,
(if above screen)	(equals.	gai/it. ca					77.30
packer)			Stop Sampled				
bailer depth (circle one)			(Final IWL	.)	1		
SWL		TOP	1 A		_ ~	gals x 3 = 4	.07 gals.
(if in screen)				SWL to BOP packer to BO			e volume- casings
		ВОР				ulation (Airlift o	
measured/4.46		T.D. (as built)	ga	Vft. *	ft. =	gals.	
T.D		1.D. (as built)		packer to S	SWL		
Equipment Used / San		escription of E	vent:	Actual ga	allons pur	$\underline{\mathcal{Y}}$	+
ESA-60 P	urger Pump			Actual vo	olumes pu	rged 31	L
Salinst prob	0					MY	,
Tools cleaned	I w/Alcono	c between	wells	Well yield			
(auti beva					#		
				Sample	richard so	Analysis	Lab
E. S. September 1981				MW-3	- <u>A</u>	BTEX	OAL
Additional comments:				MW-3	<u>-B</u>	11	OAL
				MW-3	-c	11	OAL
Gallons purged *	TEMP °C /°F (circle one)	EC (us / cm)	PH	TURBID (NTU)			
1.							
2.				100			
3.							
4.				42			
5.							
* Take measurement at approximately each casing volume purged.	⊕ HY- Minimal W.L. drop	volumes	- able to purge 3 during one sitting ng pump rate or		o purge 3 es by retur r next day.	ning una	mal recharge - ble to purge blumes.





August 9, 1996

TONI FRISON MEADOWBROOK GROCERY 16845 SOUTH HIGHWAY 211 MOLALLA OR 97038 DEPARTMENT OF
ENVIRONMENTAL
QUALITY

NORTHWEST REGION

Re: Meadowbrook Grocery File No. 03-92-125

Dear Mrs. Frison:

I have reviewed the Corrective Action Plan (CAP) submitted by SML Associates, Inc. on August 8, 1996, for your facility located at 16845 Highway 211, in Molalla, Oregon. My review of this document is that this site is an appropriate for a Risk Based Corrective Action (RBCA) closure, however, the information presented is insufficient in its details to be presented to the Clearinghouse work group.

Please review the enclosed RBCA supplemental document In it, you will see that each potential pathway for the contaminants of concern (only benzene at your site) needs to individually addressed to show that the concentration of contamination is insufficient to pose a risk or that the pathway is incomplete and does not need to be considered for RBCA evaluation.

I am available to discuss the specific documentation that is required if this would help you or your consultant to complete the CAP to close your site. Please contact me at (503) 229-5477 if I can assist you with this matter.

Sincerely,

Rick Silverman

Environmental Specialist

Rich Silverman

Enclosure

cc:

Harold Slavic

SML Associates, Inc.

6920 SW 92nd Avenue, Unit 10

Portland, OR 97223

John A. Kitzhaber Governor



2020 SW Fourth Avenue Suite 400 Portland, OR 97201-4987 (503) 229-5263 Voice TTY (503) 229-5471 DEQ-1

CALL FROM/TO:	Harold Slawe	DATE:	7/16/96
WITH:		TIME:	1000
TELEPHONE NO:	()		
REGARDING:	Mendon brook Store		
FILE NO:	03-92-125		
SUMMARY OF CAL	<u>L</u>		
Hard call	led to say he was hard	en trouble	putting together
a CAP - cle	ostre request under RBCA.	He sald	'tshould be
in by the en	nd of July. I said t	hatworld	be Ane.
			•
	R	2 Lucia	M

Staff Signature

SMIL Associates Inc.

6920 S.W. 92nd Avenue, Unit 10 Portland, Oregon 97223 (503) 768-4512 Fax: 768-3902 DEPT OF ENVIRONMENTAL QUALITY RECEIVED

FEB 2 8 1996

NORTHWEST REGION

February 26, 1996

Mr. Rick Silverman Oregon Department of Environmental Quality Northwest Region, UST Section 2000 S.W. Fourth Ave., Suite 400 Portland, Oregon 97201

Re: Quarterly groundwater monitoring, Meadowbrook Grocery, 16845 S. Hwy. 211, Molalla, Oregon. DEQ file #03-92-125

Dear Mr. Silverman:

This letter and the accompanying documents presents the results of the third quarter of the groundwater monitoring program for the above named property, as outlined in the modified CAP.

Background

Prior to sampling the total depth and depth to groundwater was measured in each well using a Solinst 100 interface probe. This information was recorded on a sampling event data sheet, one of which was recorded for each well. Copies of the data sheets are attached. The probe was decontaminated before and between each measurement by washing in tap water and Alconox, a biodegradable laboratory cleaner and degreaser, and rinsing in fresh tap water.

Sample Collection

The measurements obtained were used to calculate the well volume so that at least three volumes were purged prior to sampling. Purging was accomplished utilizing an ES-60 Purger submersible pump. Purged water was placed in individual, dedicated 55 gallon, DOT approved drums. Each drum was labeled with the monitoring well number and stored in a secured area between the store and the Frison home. The pump and tubing were decontaminated before and between sample events by submergence in a tap water and Alconox solution and flushing approximately five gallons through the pump and tubing. They were then flushed with approximately five gallons of tap water. The flushed water and Alconox solutions were placed in the appropriate 55 gallon drum.

The samples were collected in three laboratory supplied 40 mil VOA bottles. The samples were immediately refrigerated, information recorded on a chain of custody and hand delivered to the

laboratory within 24 hours. Copies of the chain of custody and the analytical results are attached.

Groundwater Flow Direction

On August 12, 1995 the wells were surveyed by a registered surveyor. A copy of his survey was submitted with the first monitoring report. Utilizing the information from the survey and the measurement data collected during sampling, the groundwater flow direction for this sampling event has been determined to be to the northeast, specifically N. 32° E. A copy of the determination is attached.

Analytical Results and Recommendations

The results of the current and previous sampling are presented in Table 1. Results indicate continued low levels of benzene in all three wells, a slight decrease in MW-2. This may be a result of seasonal water flucuations, caused a flushing of minor amounts of hydrocarbons left from overexcavating. We recommend continued monitoring.

The dissolved lead levels during the first monitoring event were well below the drinking water standards. Therefore, with you verbal approval, we have discontinued the lead analyses. The next quarterly sampling is scheduled for around May 8, 1996.

Sincerely,

SMIL Associates, Inc.

Harold J. Slavik, Jr., PG

President

for

Toni Frison, Owner Meadowbrook Grocery

encs.

Table 1

Groundwater Analytical Results Meadowbrook Grocery 16845 So. Highway 211 Molalla, Oregon

Results are presented, in parts per billion (ppb), as benzene / toluene / ethylbenzene / xylenes. ND means below instrument detection limits (<2 ppb).

Sample Date	MW-1	MW-2	MW-3
July 26, 1995	7 / 4 / 98 / 190	26 / 36 / 110 / 390	ND / ND / 2 / 5
November 1, 1995	7 / 7 / 120 / 220	64 / 220 / 520 /2200	6 / 15 / 36 / 150
February 15, 1996	14 /13/ 140 / 260	25 / 35 / 150 / 1000	10 / 8 / 29 / 150
· //			

OAL

MEADOWBROOK GROCERY 16845 S. HIGHWAY 211 MOLALLA, OR 97038 ANALYST REVIEW BY: RJ

DATA PACK REVIEW BY:

DATE: $\frac{2/20/96}{2/20/96}$

TONI FRISON 829-9165 PROJ#95-044

BTEX BY EPA 602/8020/8021 OR 624/8240

SAMPLE ID:	MW-2-3	MW-3-3	MW-1-3
OAL ID: 25-J251-	45040	45041	45042
SAMPLE DATE:	2/15/96	2/15/96	2/15/96
MATRIX:	WATER	WATER	WATER
EXTRACTION DATE:	NA	NA	NA
ANALYSIS DATE:	2/16/96	2/16/96	2/16/96
BENZENE PPB	25.	10.	14.
TOLUENE PPB	35.	8.	, 13.
ETHYLBENZENE PPB	150.	29.	140.
XYLENES PPB	1000.	150.	260.
SURR.RECOVERY %	80.	85.	84.
ANALYST:	RJ	RJ	RJ

BROMOFLUOROBENZENE WAS USED AS THE SURROGATE WATER MATRIX UNITS ARE UG/L (PPB)
SOLIDS MATRIX UNITS ARE UG/KG (PPB)

NA = NOT ANALYZED

MI = MATRIX INTERFERENCE WITH SURROGATE RECOVERY

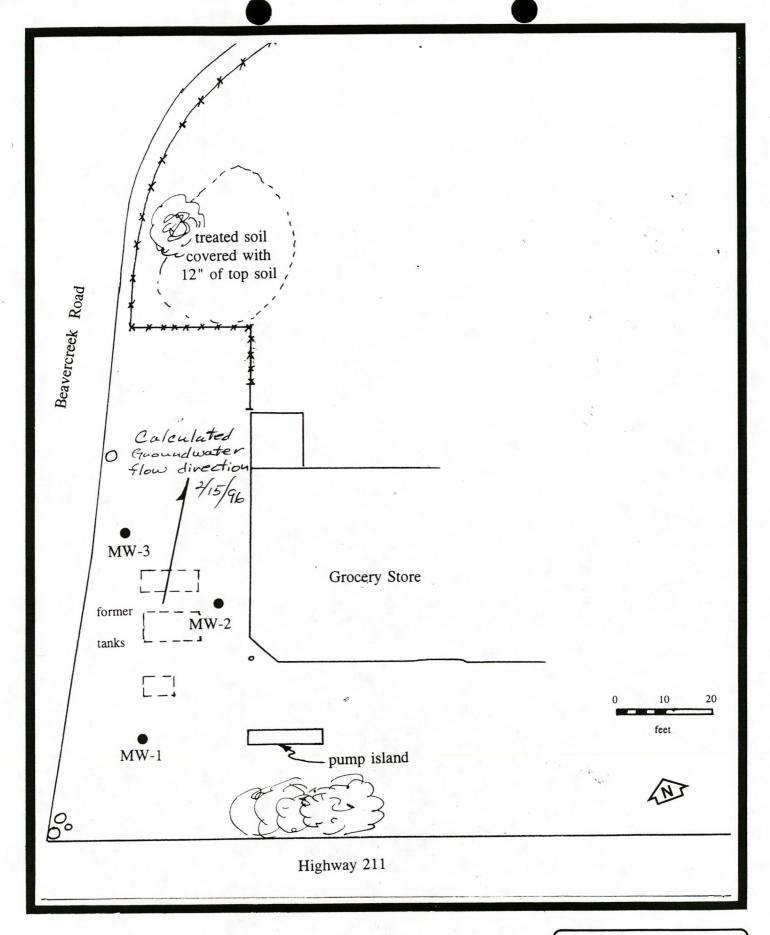
ND = NONE DETECTED

REPORTING LIMITS:	WATER	SOIL
BENZENE	<2.0	<2.0
TOLUENE	<2.0	<2.0
ETHYLBENZENE	<2.0	<2.0
XYLENES	<2.0	<2.0

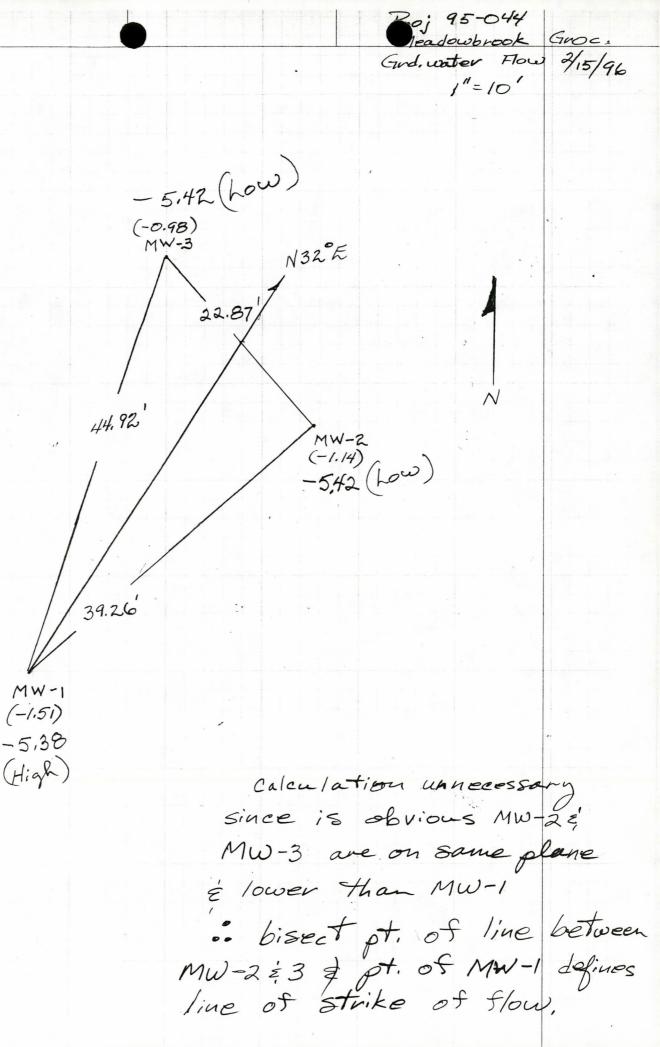
OREGON ANALYTICAL LABORATORY

A Division of Portland General Electric 14855 S.W. Old Scholls Ferry Road Beaverton, OR 97007 Phone 503-590-5300 • Fax 503-590-1404

Oregon Analytical Laboratory	Beav	FAX (503) 5	97007 90-5300 90-1404							TODY			ST	Nº		29	11 Page _/_ of _/_
Company Meadowbrook Grocery Project Name Meadowbrook Groc. Sampler's Name Harold Slavik Contact Voni Frison Project Number 95-044 Signature 4, Slavik for, Address 16845 So. Hwy 211 P.O. Number Sampling Date 2/15/96 Molalla, OR 97038 Comments Fax copy of results Provide Verbal Results Yes No Phone # 829-9165 FAX# None to Slavik - 768-3902 Provide FAX Results Yes No																	
SAMPLE IDENTIFICATION 1	1 11	25 100 4 150 4	0AL# 5-J251. 5040 45042	(U) W W # of Containers	Soil X Water	CT (Note in Remarks) tiles 624/8260 (circl	All Aromatic Halogenated Serrivolatiles 625/8270 (circle)	All PAM(SMV) Phenol Phthwaite Organochiomrateds 608/8080 All PCB Pesticide (circle)	Chlorinated Herbicides 8150	TPH-HCID OR-DEQ Quantification (orde) G D 418 1M 418 1	(orde) Cr Pb Hg Se Ag	(orde)	Metals Dissolved Diotal			N S R	- 2 weeks - 1 week - Rush - Other REMARKS 3 preserved VOAs for each
Relinquished Int Name H. Slavik Iomgany M. Associate Received Print Name Company Comp	Kr.	Date June Date Date Time	Print P Comp Comp	any	کوسرا مدیم	MY O	Re	nauished		Date Time Time	<i>b</i> (<i>c</i>)		Re	ceived	de Conta	ainer /8oz. A Via ic Bo s Bo	rs X Yes No . Jars als ottles



Site Location



SAMPLING EVENT DATA SHEET

(fill out completely)

SAMPLER H. Slavik DATE 3/15/96 PROJECT Meadowbrook EVENT 3rd gtrly Pump rate Time Action Well / Hydrologic statistics (low yield) Well type MW (MW, EW, etc.) Start pump / Begin 1210 equals 1, 40 gal/ft. casing (if above screen) Stop 1310 packer Sampled intake (Final IWL) bailer depth (circle one) TOP Purge calculation 1.40 galvit. • 10.7 ft. = 15.0 gals x 3 = 45.0 gals. SWL-SWL to BOP or one purge volume-(if in screen) packer to BOP volume 3 casings - BOP Head purge calculation (Airlift only) measured 14,52 gal/ft. * ft. = gals. - T.D. (as built) packer to SWL Equipment Used / Sampling Method / Description of Event: Actual gallons purged Solinst 100 probe Actual volumes purged ES60 purger pump Well yield (see below) COC # Sample I.D. **Analysis** Lab MW1-3 Additional comments: Mod, Yield V. Heavy rains for the entire week prior to Sampling. Extensive flooding throughout W. 1/2 of State. TEMP °C /°F Gallons purged * PH EC TURBIDITY (circle one) (us / cm) (NTU) 1. 2. 3. 4. 5. VLY - Minimal recharge -MY - WL drop - able to purge 3 LY - Able to purge 3 HY- Minimal Take measurement at unable to purge volumes during one sitting volumes by returning W.L. drop approximately each 3 volumes. by reducing pump rate or later or next day. casing volume purged.

cycling pump.

WELL OR LOCATION MW-2

PROJECT Meadowbook EVENT 3rd gtrly SAMPLER H. Slavik DATE 2/15/96							
Well / Hydrologic statistics		Actio	on.	Time	Pump rate	IWL (low yield)	
	Well typ	MW	Start pump	/ Begin	1025		
	(MW, E	W, etc.)					
		011					
_ swL <u>4,28</u>	- d - diamete				9.1		
SWL // (if above screen)	equals_	1,40 gal/ft. casing	,				
			Stop		1100		
packer intake (circle and)			(Final IWL)		1100		
bailer depth (circle one)		ТОР			Purge ca	lculation	
]		1,40 gal/f	1. 10.0	ft. = 14,0	gals x 3 = 4	2,0 gals.
(if in screen)				SWL to BOF	or one	purg	e volume- casings
		ВОР	P			ilation (Airlift)	
measured 14,27		- K	gal	Comments of the comments of th	ft. =	งหน่างหลางเข้าจากว่าจากได้จอกดัดเดิดเดิดเดิดเดิดเดิดเดิดเดิดเดิดเดิดเ	
T.D. 77407		T.D. (as built)		packer to	SWL		
Equipment Used / Sam	pling Method / De	escription of Ever	nt:	Actual g	allons pur	ged . 45	
6.0	mw-	1		Actual v	olumes pu	rged 3	<i>t</i>
256	MIW-	- <u>_</u>		Well yiel		H	1
				(see bel		6	1
				COC			
				Sample	e I.D.	Analysis	Lab
Additional comments:				raw 2	_3	BTEX	OAL
			,	1400		UITA	01,10
Se	e Mu) - 1			-		
				-			
Gallons purged *	TEMP °C /°F (circle one)	EC (µs / cm)	РН	TURBÎI (NTU			
1.						3	
2.							
3.							
4.					1 1		
5.		107 117		137		VI V 14:-	imal rochama
* Take measurement at approximately each casing volume purged.	⊕ HY- Minimal W.L. drop		ring one sitting pump rate or	volun	to purge 3 nes by retu or next day	rning — una	imal recharge - able to purge olumes.

WELL OR LOCATION _

PROJECT Meadow	brook EVE	NT 3 gtr	y_SAMP	LER H	Slav	LADATE 2/	15/96
Well / Hy	drologic statistic	cs	Actio	n .	Time	Pump rate	IWL (low yield)
swl_ 4.44	_ d _ \ diamete	w, etc.) or 2'' 1.40 gal/ft. casing	Start pump	/ Begin	1120		
(if above screen) packer intake ft. bailer depth (circle one) SWL / (if in screen)		ГОР	⊥ s	· /O.O WL to BOF acker to BO	ft. = 14, 0 or one OP volum	пе 3	e volume- casings
measured /4,46 T.D.		T.D. (as built)	gal/	ft. *packer to	ft. =	gals.	
See N	IW-1			Well yiel (see bek COC Sample	# _	1/1	Lab OAL
Additional comments:	Mw-1				· · · · · · · · · · · · · · · · · · ·		-
Gallons purged *	TEMP °C /°F (circle one)	EC (µs / cm)	PH	TURBIC (NTU			
1. 2. 3. 4. 5.							
* Take measurement at approximately each casing volume purged.	⊕ <u>HY-</u> Minimal W.L. drop	MY - WL drop - able volumes during by reducing p cycling pump.	g one sitting ump rate or	volun	to purge 3 nes by retur or next day	rning — una	imal recharge - able to purge olumes.

CALL FROM/TO:	Harold Slave	DATE:
with:		TIME:
TELEPHONE NO:	()	
	Meudoubrook Sto	re
	03 -92 -125	
SUMMARY OF CAL	<u>L</u>	
Called f	o say site samplin	g would be delayed
yyl: 1 mid-m	eek, next week due	e to flooding
		0 0
	The same of the sa	Silve Man Staff Signature

CALL FROM/TO:	Harold Slave	DATE	2/5/96
WITH:		TIME	940
TELEPHONE NO:	() 768-4512	_	
REGARDING:	Meadowbrook Groc	ery	
FILE NO:	03 -92 125		
SUMMARY OF CAL	<u>L</u>		
were for	catter that the and treated water d evold said he g substang the resu	1212591 900	not sample
	R	Litrery	ian
		Staff Signatur	

CALL FROM/TO: Tony torson DATE: 2/1/96	
WITH: Meadonbrook Grocery TIME: 420	
TELEPHONE NO: () 879 - 9165	
REGARDING: Mcadombrook Grocery	
FILE NO: 03-92-125	
SUMMARY OF CALL	
Called grocery store. Tony will not be back till	
Morday. Dasked that she call about the test	_
results. Samples tation from treated materia	_
barrels & not from the well water.	
	_
	_
	_
	_
	_
	_
	_
	-
R. Silverman	
Staff Signature	

DEPT OF ENVIRONMENTAL QUALITY RECEIVED

JAN 2 4 1996

NORTHWEST REGION

January 22, 1986

Meadowbrook Grocery 16845 S Hwy 211 Molalla, Or 97038

Mr. Rick Silverman D.E.Q. N.W. Region UST Section 2000 S.W. Fourth Ave. Suite 400 Portland, Or. 97201

RE: Meadowbrook Grocery D.E.Q File No: 03-92-125

Dear Mr. Silverman:

Enclosed please find the results from O.A.L. for the water purged from the three ground wells at our last testing.

These results are from the three 55 gallon barrels in which the water was stored. These samples have been treated by the aeration method and have now tested clear. The barrels have been emptied into our septic system.

Our next test of the monitoring wells will be in the first part of February 1996. The results will be sent to you as soon as we recieve them.

Sincerly,

Toni Frison, owner Meadowbrook Grocery

Doni Busion

CC: SML Associates



MEADOWBROOK GROCERY 16845 S. HIGHWAY 211 MOLALLA, OR 97038 ANALYST REVIEW BY: RJ

___ DATE: 1/12/96

DATE: 1/12/96

TONI FRISON 829-9165

BTEX
BY EPA 602/8020/8021 OR 624/8240

SAMPLE ID:	BARREL #1	BARREL #2	BARREL #3
OAL ID: 25-J251-	44288	44289	44290
SAMPLE DATE:	1/11/96	1/11/96	1/11/96
MATRIX:	WATER	WATER	WATER
EXTRACTION DATE:	NA	NA	NA
ANALYSIS DATE:	1/12/96	1/12/96	1/12/96
BENZENE PPB	ND	ND	ND ND
TOLUENE PPB	ND	ND	ND
ETHYLBENZENE PPB	ND	, ND	ND ND
XYLENES PPB	ND	ND	ND
SURR.RECOVERY %	77.	78.	79.
ANALYST:	RJ	RJ	~ RJ

BROMOFLUOROBENZENE WAS USED AS THE SURROGATE WATER MATRIX UNITS ARE UG/L (PPB)
SOLIDS MATRIX UNITS ARE UG/KG (PPB)

NA = NOT ANALYZED

MI = MATRIX INTERFERENCE WITH SURROGATE RECOVERY

ND = NONE DETECTED

REPORTING LIMITS: WATER SOIL

BENZENE <2.0 <2.0

TOLUENE <2.0 <2.0

ETHYLBENZENE <2.0 <2.0

XYLENES <2.0 <2.0

OREGON ANALYTICAL LABORATORY

A Division of Portland General Electric 14855 S.W. Old Scholls Ferry Road Beaverton, OR 97007 Phone 503-590-5300 • Fax 503-590-1404

Analytical Beaver Laboratory	Old Scholls Ferry Rd. ton, Oregon 97007 (503) 590-5300 AX (503) 590-1404		Custody Record Analysis Reque	Page A	/_ of/
Company MEADOW PROOK GE	OCERY	Project Name		Sampler's Name TON FRIS	ON
Colliact 100 / KISON		Project Number		Signature Jone Juson	
Address 16845 S. Wwy 21	1 MO/HI/A 9703	&.O. Number	1	Sampling Date 1-11-96	
Phone # <u>829-9165</u> FAX # (all vertal	Comment Stud	Report ASAP	Provide Verbal Results Yes Provide FAX Results Yes	□ No
SAMPLE IDENTIFICATION DATE TO	ME OAL # 125.7 15.1	T (Note in Remarks) T (Note in Remarks) Res 624/8260 (circle) Aromatic Halogenated olatiles 625/8270 (circle) AHKSIM) Phenol Phthslate odtlorinateds 608/8080	Chlorinated Herbicides 8150 TPH-HCID OR-DEQ Quantify? TVes TNo TPH Quantification (circle) G D 418.1M 418.1 BTEX \$\text{A2.80.20} TCLP Metals As Ba Cd Gr Pb Hg Se A9 TT TCLP Organics (circle) Vol Semivol Pest Herb	O - Other	KS
1 BARREL #11 /1/90 13					0
2 BARREL #12 /1/9/12					
3 BARREY # 3 /11/90 13	m 44290 /			 	
5		╉┼┼╂╌┼╌			
6					
					
9					
9					
10					
Print Name Print Name FRISON Coppany MEADAULRICK KOLEKE Signatur Print Name Print N	Signature Signature Print Name	Receive	Date Time	Shipped Via Received @ °C Appropriate Containers Yes N 40z./80z. Jars VOA Vials Plastic Bottles Glass Bottles	
Company OA	Company			other	

SMIL Associates Inc.

6920 S.W. 92nd Avenue, Unit 10 Portland, Oregon 97223 Phone/Fax: (503) 768-4512

November 7, 1995

DEPT OF ENVIRONMENTAL QUALITY
RECEIVED

NOV 9 1995

Mr. Rick Silverman Oregon Department of Environmental Quality Northwest Region, UST Section 2000 S.W. Fourth Ave., Suite 400 Portland, Oregon 97201

NORTHWEST REGION

Re: Quarterly groundwater monitoring, Meadowbrook Grocery, 16845 S. Hwy. 211, Molalla, Oregon. DEQ file #03-92-125

Dear Mr. Silverman:

This letter and the accompanying documents presents the results of the second quarter of the groundwater monitoring program for the above named property, as outlined in the modified CAP.

Background

Prior to sampling the total depth and depth to groundwater was measured in each well using a Solinst 100 interface probe. This information was recorded on a sampling event data sheet, one of which was recorded for each well. Copies of the data sheets are attached. The probe was decontaminated before and between each measurement by washing in tap water and Alconox, a biodegradable laboratory cleaner and degreaser, and rinsing in fresh tap water.

Sample Collection

The measurements obtained were used to calculate the well volume so that at least three volumes were purged prior to sampling. Purging was accomplished utilizing an ES-60 Purger submersible pump. Purged water was placed in individual, dedicated 55 gallon, DOT approved drums. Each drum was labeled with the monitoring well number and stored in a secured area between the store and the Frison home. The pump and tubing were decontaminated before and between sample events by submergence in a tap water and Alconox solution and flushing approximately five gallons through the pump and tubing. They were then flushed with approximately five gallons of tap water. The flushed water and Alconox solutions were placed in the appropriate 55 gallon drum.

The samples were collected in three laboratory supplied 40 mil VOA bottles. The samples were immediately refrigerated, information recorded on a chain of custody and hand delivered to the

laboratory within 24 hours. Copies of the chain of custody and the analytical results are attached.

Groundwater Flow Direction

On August 12, 1995 the wells were surveyed by a registered surveyor. A copy of his survey was submitted with the first monitoring report. Utilizing the information from the survey and the measurement data collected during sampling, the groundwater flow direction for this sampling event has been determined to be to the northeast, specifically N. 14° E. A copy of the determination is attached.

Analytical Results and Recommendations

The results of the current and previous sampling are presented in Table 1. Results indicate low levels of benzene in all three wells, a slight increase in all three. This is probably a result of a rise in the seasonal water levels, causing a flushing of the minor amount of hydrocarbons left from overexcavating. We recommend continued monitoring.

The dissolved lead levels during the first monitoring event were well below the drinking water standards. Therefore, with you verbal approval, we discontinued the lead analyses from this and future samplings. The next quarterly sampling is scheduled for around February 1, 1996.

HAROLD J. SLAVIK, JR.

GEOLOGIS

Sincerely,

SMIL Associates, Inc.

Harold J. Slavik, Jr., PG

President

for

Toni Frison, Owner Meadowbrook Grocery

encs.

Table 1

Groundwater Analytical Results Meadowbrook Grocery 16845 So. Highway 211 Molalla, Oregon

Results are presented as benzene / toluene / ethylbenzene / xylenes. ND means below instrument detection limits.

Sample Date	MW-1	MW-2	MW-3
July 26, 1995	7 / 4 / 98 / 190	26 / 36 / 110 / 390	ND / ND / 2 / 5
November 1, 1995	7 / 7 / 120 / 220	64 / 220 / 520 /2200	6 / 15 / 36 / 150
			ì
			<u>.</u> 5.



MEADOWBROOK GROCERY 16845 S. HIGHWAY 211 MOLALLA, OR 97038 ANALYST REVIEW BY:

BLC

DATE: 11-3-95

DATA PACK REVIEW BY:

DATE: __

11/3/95

TONI FRISON 829-9165

BTEX
BY EPA 602/8020/8021 OR 624/8240

SAMPLE ID:	MW-2-2	MW-3-2	MW-1-2
OAL ID: 25-J251-	42845	42846	42847
SAMPLE DATE:	11/1/95	11/1/95	11/1/95
MATRIX:	WATER	WATER	WATER
EXTRACTION DATE:	NA	NA	NA
ANALYSIS DATE:	11/2/95	11/2/95	11/2/95
BENZENE PPB	64.	6.	7.
TOLUENE PPB	220.	15.	7.
ETHYLBENZENE PPB	520.	36.	120.
XYLENES PPB	2200.	150.	220.
SURR.RECOVERY %	88.	103.	95.
ANALYST:	JRW	JRW	JRW

BROMOFLUOROBENZENE WAS USED AS THE SURROGATE WATER MATRIX UNITS ARE UG/L (PPB)
SOLIDS MATRIX UNITS ARE UG/KG (PPB)

NA = NOT ANALYZED

MI = MATRIX INTERFERENCE WITH SURROGATE RECOVERY

ND = NONE DETECTED

REPORTING LIMITS:	WATER	SOIL
BENZENE	<2.0	<2.0
TOLUENE	<2.0	<2.0
ETHYLBENZENE	<2.0	<2.0
XYLENES	<2.0	<2.0

OREGON ANALYTICAL LABORATORY

A Division of Portland General Electric 14855 S.W. Old Scholls Ferry Road Beaverton, OR 97007 Phone 503-590-5300 • Fax 503-590-1404

1-3,95 Oregon CHAIN OF CUSTODY RECORD 14855 S.W. Old Scholls Ferry Rd. Page / of / Beaverton, Oregon 97007 Analytical DABORATORY ANALYSIS REQUEST (503) 590-5300 Laboratory FAX (503) 590-1404 Project Name Meadow brook Groc Samples's Name H. Slavik Meadowbrook (Trocery to Hamarure H. Slavily Ton: Frison Project Number Contact 16845 So. Hwy 211 Sampling Date ___ P.O. Number Address Comments Fax copy of results to Harold Slavik 768-4512 Molalla, OR 97038 Provide Verbal Results ☐ Yes 🗷 No FAX# None Phone # 829-9165 Provide FAX Results ☐ Yes № No ANALYSES N -)2 weeks MATRIX S - I week R - Rush O - Other SAMPLE IDENTIFICATION D'ATE TIME REMARKS 11/19/1320 42 MW-2-2 MW-3-2 changed user # Relinquished Relinquished Shipped Via Hand delivered Received @ ____ °C Print Name Appropriate Containers Yes No Inc. 4oz./8oz. Jars **VOA Vials** Plastic Bottles Print Name Glass Bottles Company other _

SAMPLING EVENT DATA SHEET (fill out completely)

WELL OR LOCATION MW-1

PROJECT Gre	brook ceny EVE	ENT 2 gtly	SAMP	LER H	Slavin	L DATE _//	/1/95
Well / Hy	drologic statisti	es	Actio	2n	Time	Pump rate	<u>IWL</u> (low yield)
SWL 4, 6/ (if above screen) packer intake bailer depth) (circle one) SWL (if in screen)		w, etc.) or 2' 1. 40 gal/ft. casing	Stop Sampled (Final IWL) // // gal/fi	SWL to BOF acker to BO Head pu	or one one	gals x 3 = 7 purg ne 3	gals. e volume- casings
T.D. Fq.500 Equipment Used / San Soliust	npling Method / De		t:	packer to Actual g	swith allons purgolumes pured to the control of the	ged <u>45</u>	,
Additional comments:					# _ e I.D I - 2 _	Analysis BY 6X	Lab OAL
Gallons purged *	TEMP °C /°F (circle one)	EC (µs / cm)	PH	TURBII			
1. 2. 3.					. <u> </u>		
* Take measurement at approximately each casing volume purged.	⊕ <u>HY-</u> Minimal W.L. drop	MY - WL drop - ab volumes duri by reducing cycling pump	ing one sitting pump rate or	volun	to purge 3 nes by retur or next day.	ning —— una	imal recharge - able to purge olumes.

SAMPLING EVENT DATA SHEET (fill out completely)

		(fill out comp	letely)	WEL	L OR LO	CATION M	W-2
PROJECT Groce	rook eny EVE	NT 2 off	SAMP			DATE _//	/ /
	rologic statistic	:s	Actio	n	Time	Pump rate	IWL (low yield)
- ,	Well type (MW, EV	e <u>MW</u>	Start pump	/ Begin	1240	NY	. 7
_swl_5,08	d (diamete						
(if above screen)	(equals_	gazini Sasing	Stop Sampled		1320	,	
intake (circle one)	ļ	OP	(Final IWL)		Purge ca	iculation	
			-	WL to BOP	ft. = 12.9	gals x 3 = 3	gals.
(if in screen)] B	SOP		acker to BC	OP volur		casings
measured <u>/4,27</u> T.D.		T.D. (as built)	gai/i	packer to	ft. =	Collinson Charles Comment (Market Control of the	
Equipment Used / Samp	ling Method / De				allons purç	2	-
				Well yiel			7,
				COC Sample		Analysis BTEX	Lab OAL
Additional comments:		, .					
17	TEMP °C /°F	T					
Gallons purged	(circle one)	EC (µs / cm)	PH ————	TURBIC (NTU			
2.	. *			, v			
3.							
5.	i						
* Take measurement at approximately each casing volume purged.	⊕ <u>HY-</u> Minimal W.L. drop	MY - WL drop - able volumes durin by reducing p cycling pump.	ng one sitting ump rate or	volun	to purge 3 nes by retu or next day	rning — una	imal recharge - able to purge olumes.

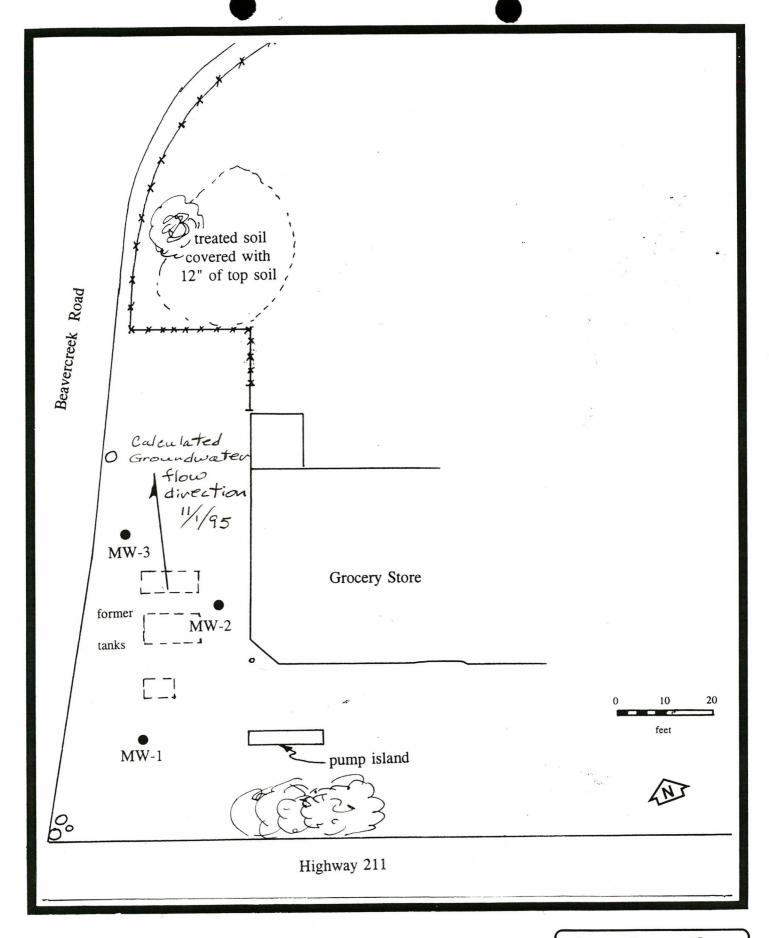
SAMPLING EVENT DATA SHEET

(fill out completely)

WELL OR LOCATION $M\omega$ – 3 Meadowbrook SAMPLER H. Slavik DATE // EVENT 2 PROJECT CINCERY IWL Time Pump rate Action Well / Hydrologic statistics (low yield) Start pump / Begin 1325 Well type (MW, EW, etc.) gal/ft. casing (if above screen) 355 Stop packer Sampled intake (Final IWL) bailer depth (circle one) TOP Purge calculation 1,40 gal/ft. • 9,12 ft. = 12,8 gals x 3 = 38 gals. - SWLpurge volume-SWL to BOP or (if in screen) 3 casings packer to BOP volume - BOP Head purge calculation (Airlift only) __gal/ft. * _____ft. = _____gals. measured - T.D. (as built) T.D. packer to SWL Equipment Used / Sampling Method / Description of Event: Actual gallons purged ie as MW-1 Actual volumes purged Well yield \oplus (see below) COC # Sample I.D. Analysis Lab Additional comments: TEMP °C /°F TURBIDITY PH EC Gallons purged * (circle one) (us / cm) (NTU) 1. 2. 3. 4. 5. VLY - Minimal recharge -LY - Able to purge 3 ⊕ HY- Minimal MY - WL drop - able to purge 3 Take measurement at unable to purge volumes by returning volumes during one sitting W.L. drop approximately each 3 volumes. by reducing pump rate or later or next day.

cycling pump.

casing volume purged.



Site Location

Proj. 95-044

Meadowbrook Groc.

Grdwfr. Flow 11/1/95

1''=10'

Direction dip = Tan $= \frac{(-6.22) - (-6.32)}{22.46} = \frac{0.1}{22.46} = \frac{0.0045}{25.8}$

44.92 (0.1) = 44,92 x0,5 = 22.46

October 18, 1995

Meadowbrook Grocery 16845 S. Hwy 211 Molalla, Or. 97038

Mr. Rick Silverman
D. E. Q.
N.W. Region UST Section
2000 S.W. Fourth Ave Suite 400
Portland, Or 97201

RE: Meadowbrook Grocery DEQ File 03-92-125

Dear Mr. Silverman:

Enclosed please find copies of the results for the 55 gallon barrels of ground water purging removed from the Monitor wells # 1 and # 2. These samples were taken after the barrels were treated by aeration of the water in the barrels. These barrels have been emptied into our septic system and have been washed with an Alconox solution. The water in barrel # 3 was not tested as BTEX was below the level allowed in monitor well # 3.

We will be taking our second sample the week of October 23, 1995, and will send you the results as soon as we receive them.

Thank you for your cooperation.

Sincerly,

Toni Frison

Owner Meadowbrook Grocery

cc: SML Associates

DEPT OF ENVIRONMENTAL QUALITY RECEIVED

OCT 1 9 1995

NORTHWEST REGION



ANALYST REVIEW BY:

RJ

DATE: 10/3/95

DATA PACK REVIEW BY: ___

DATE: 10/3

TONI FRISON 829-9165

BTEX
BY EPA 602/8020/8021 OR 624/8240

L #2
1479
1/95
ATER
NA
2/95
ND
ND
ND
ND
.08.
RJ

BROMOFLUOROBENZENE WAS USED AS THE SURROGATE WATER MATRIX UNITS ARE UG/L (PPB)
SOLIDS MATRIX UNITS ARE UG/KG (PPB)

NA = NOT ANALYZED

MI = MATRIX INTERFERENCE WITH SURROGATE RECOVERY

ND = NONE DETECTED

REPORTING LIMITS: WATER SOIL
BENZENE <2.0 <2.0
TOLUENE <2.0 <2.0
ETHYLBENZENE <2.0 <2.0
XYLENES <2.0 <2.0

OREGON ANALYTICAL LABORATORY

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OAL Oregon Analytical Laboratory	Beaver	Old Scholls Ferry Rd. erton, Oregon 97007 (503) 590-5300 FAX (503) 590-1404	7 0								STOI NAL'						3.5							Page _	∠ of _	_
Company MEA Dow DR. 001	K G	ZUCERY		P	roiect	ı N	ame				:er 8						Carr	-lar'	'- N	a	7	Tall.	•	CR15	- ^/	
Contact JAK OR TO	in F	RISON		- · · ·	mier!	· N	umb	~=			11	-	. :	i. St			Sam				1		1			-
Address 16845 8 A	1. 1 2	11	2	_ I.	Ojeci	l Nu	Imoc	л				-	-		-		Sign							1000	<u></u>	
Address 16845 S. N. M.	36	<u>//</u>		- r.	O. IN	lum	ber	a a							-		Sam			_		7-21				_
Phone # 829-9165	5.24			_ (omme	ents	·										1	Provi	ide	Verb	al R	esults	, , <u>,</u> (] Yes	□ No	
Prione # 121-1163	FAX#																	Provi	ide l	FAX	Res	sults] Yes	□ No	
				Containers	MATRIX	Remarks)	4/8260 (circle)	s 625/8270 (circle)	Organochlorinateds 608/8080 All PCB Pesticide (circle)	Herbicides 8150		(circle) 418.1	OZO	TCLP Metals (circle) KA	cs (circle)	ssolved OTotal					R	- Rush	h ⁻	Per FRIS 9/21/	195 1	3:15
	DATE TIN	25 - J	251	# of Cont Soil	Water	Other (Not	Volatiles 624/82 All Aromatic	Semivolatiles 6 All PAH(SIM)	Organochlon All PCB	Chlorinated Herbicides	TPH-HCID OR-DEQ Quantify? Yes	TPH Quantif	BTEX 602/8020	TCLP Metals As Be Cd	TCLP Organi Vol Semi	Metals □Di:					Тиглагоил	5	1	REMARK	is .	
1 BARREL #	1/21	4147	18		X					N			X				T	T	7.							
2 BARREL #2	1/21	414-			X	1			\Box				X													
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Signature Received					<u>, w</u>	DR	200		elved			1			=							. Jars				
		المال الم	Signature	m	M	H	IN	\mathcal{I}		2		Date	7-2	-1			-			VOA						-3
Print Name	Ti	Time	Print Nam	im	J	0	S.F.	BOR			_	Time	2:11		7				1	Plast	ic B	ottles				
Company			Company	77		IT	74		1.0	<u></u>		14	2.11		-11					Glass		ttles				

SMIL Associates Inc.

6920 S.W. 92nd Avenue, Unit 10 Portland, Oregon 97223 Phone/Fax: (503) 768-4512

September 10, 1995

DEPT OF ENVIRONMENTAL QUALITY
RECEIVED

SEP 1 2 1995

NORTHWEST REGION

Mr. Rick Silverman Oregon Department of Environmental Quality Northwest Region, UST Section 2000 S.W. Fourth Ave., Suite 400 Portland, Oregon 97201

Re: Quarterly groundwater monitoring, Meadowbrook Grocery, 16845 S. Hwy. 211, Molalla, Oregon. DEQ file #03-92-125

Dear Mr. Silverman:

This letter and the accompanying documents presents the results of the first quarter groundwater monitoring program for the above named property, as outlined in the modified CAP. The groundwater monitoring previously performed was improperly conducted due a lack of knowledge regarding proper protocols and procedures. As you are aware we have retained Mr. Harold Slavik of SML Associates to guide us in our sampling and reporting.

Background

The samples were initially collected on July 26, 1995. Due to a misunderstanding on the part of the laboratory in supplying us with sample containers, the samples for dissolved lead were discarded and new dissolved lead samples collected on July 30, 1995. Prior to sampling the total depth and depth to groundwater was measured in each well using a Solinst 100 interface probe. This information was recorded on a sampling event data sheet, one of which was recorded for each well. Copies of the data sheets are attached. The probe was decontaminated before and between each measurement by washing in tap water and Alconox, a biodegradable laboratory cleaner and degreaser, and rinsing in fresh tap water.

Sample Collection

The measurements obtained were used to calculate the well volume so that at least three volumes were purged prior to sampling. Purging was accomplished utilizing an ES-60 Purger submersible pump. Purged water was placed in individual, dedicated 55 gallon, DOT approved drums. Each drum was labeled with the monitoring well number and stored in secured area between the store and the Frison home. The pump and tubing were decontaminated before and between sample events by submergence in a tap water and Alconox solution and flushing approximately five gallons through the pump and tubing. They were then flushed with approximately five gallons of tap water. The flushed water and Alconox solutions were placed in the appropriate 55 gallon drum.

The BTEX samples were collected in three laboratory supplied 40 mil VOA bottles. The dissolved lead samples were collected in one quart, laboratory supplied, unpreserved polyethylene bottles. The samples were immediately refrigerated, information recorded on a chain of custody and hand delivered to the laboratory within 24 hours. Copies if the chain of custody and the analytical results are attached.

Groundwater Flow Direction

On August 12, 1995 the wells were surveyed by a registered surveyor. A copy of his survey is attached. Utilizing the information from the survey and the measurement data collected during sampling, the groundwater flow direction for this sampling event has been determined to be to the southeast, specifically S. 21° E. A copy of the determination is attached.

Analytical Results and Recommendations

The results of the sampling indicate low levels of benzene in wells 1 and 2. However, the dissolved lead levels are well below the drinking water standards. Therefore, we propose dropping the lead analyses from future samplings. The next quarterly sampling is scheduled for around October 26th.

Your attention to this report is appreciated.

Sincerely

Toni Frison, Owner Meadowbrook Grocery

encs.

SAMPLING EVENT DATA SHEET (fill out completely)

WELL OR LOCATION MW-1

Well / Hy	ydrologic statist	<u>lcs</u>	Act	ion	Time	Pump rate	IWL (low yield)
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SWL 5. 43 (if above screen) packer intake bailer depth (circle one) SWL (if in screen)		TOP	Stop Sampled (Final IWL		t. = 12.7 or one		gals. e volume- casings
measured/4.51		BOP T.D. (as built)		•	rge calc	ulation (Airlift	
				Actual ga Actual vo Well yield (see belo COC Sample	lumes po d	urged 3	Lab
Additional comments:							
Gallons purged *	TEMP °C / °F (circle one)	EC (µs / cm)	PH	TURBID (NTU)	ITY		
1.							
2.							
3.				L NAME OF			
I.							
5.		, , , , , , , , , , , , , , , , , , ,					
* Take measurement at approximately each casing volume purged.	⊕ HY- Minimal W.L. drop		uring one sitting g pump rate or		o purge 3 es by retu r next day	irning una	mal recharge ble to purge blumes.

SAMPLING EVENT DATA SHEET

(fill out completely)

WELL OR LOCATION MW-2 Hickory DATE 1/26 J. Frisay PROJECT Meadowbrook Gros. EVENT 1 5+ SAMPLER . IWL Time Pump rate Action Well / Hydrologic statistics (low yield) Start pump / Begin Well type (MW, EW, etc.) diameter 21 SWL 5.87. equals/. 40 gal/ft. casing (if above screen) Stop Sampled packer intake (Final IWL) bailer depth (circle one) Purge calculation 1.40 gal/tt. . 8.4 ft. = 11.76 gals x 3 = 35. 3. purge volume-SWL-SWL to BOP or (if in screen) packer to BOP volume 3 casings Head purge calculation (Airlift only) BOP ft. = ____gals. gal/it. *___ measured/4.27. T.D. (as built) T.D. packer to SWL 35.+ Equipment Used / Sampling Method / Description of Event: Actual gallons purged ... Actual volumes purged **(** Well yield (see below) COC Lab Sample I.D. Analysis Additional comments: TEMP °C /°F TURBIDITY PH Gallons purged * EC . (circle one) (us / cm) (NTU) 3. 5. VLY - Minimal recharge -LY - Able to purge 3 MY - WL drop - able to purge 3 HY- Minimal Take measurement at unable to purge volumes by returning volumes during one sitting W.L. drop approximately each 3 volumes. later or next day. by reducing pump rate or casing volume purged. cycling pump.

SAMPLING EVENT DATA SHEET (fill out completely)

WELL OR LOCATION MW^{-3}

PROJECT Meadowbro	ook Guog EVE	NT 1 gt.	SAMP	J, 19	rison/H.	DATE 7	26/95
	drologic statistic		Actio	n	Time	Pump rate	IWL (low yield)
	Well typ (MW, E		Start pump	/ Begin	1445	HY	
SWL 58	- d { diamete	r_2	Stop				
packer intake ft. bailer depth (circle one)		гор	Sampled (Final IWL)			alculation	
SWL————————————————————————————————————			⊥ s	WL to BOI acker to Bo	P <u>or</u> one OP volu	me 3	e volume- casings
measured /4.46 T.D.		T.D. (as built)		Maria de la companio	ft. =		
Equipment Used / Sam			: Y		allons pur olumes pu	3	<u>0</u> +
Solinist	100' in	sterface	probe	Well yie	ld ⊕		
				COC	# - e I.D.	Analysis	Lab
Additional comments: After 15 decreases	gallons to mod.	purged y how gie	ield Id.				
Gallons purged *	TEMP °C /°F (circle one)	EC (µs / cm)	PH	TURBI (NT	DITY U)		
1.	(1,1,1			
2.	,					2	
3.							
4.							
5.						\/\ \/\ \A!\	imal rachama
* Take measurement at approximately each casing volume purged.	⊕ <u>HY-</u> Minimal W.L. drop	MY - WL drop - ab volumes duri by reducing pure cycling pure	ng one sitting oump rate or	volu	e to purge 3 mes by return or next da	urning — un	nimal recharge - able to purge volumes.

OAI Oregon

14855 S.W. Old Scholls Ferry Rd.

CHAIN OF CUSTODY RECORD

Client tolormation	Analytical Laboratory		(5	03) 590-5300 03) 590-1404		L		DRAT							T					Page _	
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SAMPLE ID	ENTIFICATION	DATE	TIME	OAL #	ŭ	Soil	Other (Note	Volatiles 624 All Aromat Semivolatiles	All PAH(SIM) Organochlorin All PCB	Chlorinated H	TPH-HCID O	G D 41 8TEX 602/80	TCLP Metals As &s Cd C	TCLP Organic Vol Semivo	Z Pool	\$		Furnaround		REMAR	ıks
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ANALYSIS

LEAD

ANALYST REVIEW BY: DMC 2 DATE: 814.95

DATA PACK REVIEW BY: _

<0.002

TONI FRISON 829-9165 PROJ. NAME: MEADOWBROOK GROC.

> DATA SHEET DISSOLVED LEAD

MW2-1 MW3-1 MW1-1 SAMPLE ID: 39414 39413 39412 OAL ID: 25-J251-7/30/95 7/30/95 7/30/95 SAMPLE DATE:

> METHOD(S) PPM EPA 239.2/7421 0.0030 <0.002

OREGON ANALYTICAL LABORATORY



ANALYST REVIEW BY: _____ DMC 2 DATE: 8.14.95

DATA PACK REVIEW BY: _________

DATE: 8-14-95

TONI FRISON 829-9165 PROJ.NAME: MEADOWBROOK GROC.

DISSOLVED LEAD EPA METHODS 200.2 AND 200.7

SAMPLE ID:	MW1-1	MW2-1	MW3-1
OAL ID: 25-J251-	39412	39413	39414
SAMPLE DATE:	7/30/95	7/30/95	7/30/95
FILTERING DATE	7/31/95	7/31/95	7/31/95
LEAD PPM	<0.025	<0.025	<0.025

NA = NOT ANALYZED

OREGON ANALYTICAL LABORATORY

Oregon 14855 S.W. Old Scholle Ferry B.		
Analytical Beaverton, Oregon 9700	CHAIN OF CUSTODY RECORD	
Clear Information FAX (503) 590-140-	LABORATORY ANALYSIS REQUES	Page 1 of 1
Company Meudowbrook Grocer	Project Name Mealowbrook Green Project Number	Sampler's Names T. Frair (H.
Contact loui Frison	Project Number	Signature Straine
Address 16845 20. Hwy 211	P.O. Number	Sampling Date
Phone # 820 Ollies	Project Number P.O. Number Comments	Provide Verbal Results
Phone # 829-9165 FAX# Non.		Provide FAX Results Yes No
	MATRIX PROBLEM	
	(cird of	N - 2 weeks S - 1 week
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10		
Signature Relinquished Date /2/2	Signature Relinquished Date	
Pythi Name	Print Name Time	Shipped Via Hand delivere
Company SMA Associates Inc	Company	Received @ °C
Signature Received	Signature Received	Appropriate Containers Yes No
Print Name	Date Company	40z./80z. Jars VOA Vials
Company	Print Name Doug McKenzie Time	Plastic Bottles L
	Company	Glass Bottles other



ANALYST REVIEW BY: RT DATE: 8/9/95

DATA PACK REVIEW BY: NB DATE: 8/9/95

TONI FRISON 829-9165

PROJ. NAME: MEADOWBROOK GROC.

BTEX BY EPA 602/8020/8021 OR 624/8240

			4.5
SAMPLE ID:	MW-3-1	HW-2-1	MW-1-1
OAL ID: 25-J251-	39298	39299	39300
SAMPLE DATE:	7/26/95	7/26/95	7/26/95
MATRIX:	WATER	WATER	WATER
EXTRACTION DATE:	NA	NA	NA
ANALYSIS DATE:	8/8/95	8/8/95	8/8/95
BENZENE PPB	ND	26.	7.
TOLUENE PPB	ND	36.	4.
ETHYLBENZENE PPB	2.	110.	98.
XYLENES PPB	5.	390.	190.
SURR.RECOVERY %	96.	88.	90.
ANALYST:	RJ	RJ	RJ

BROMOFLUOROBENZENE WAS USED AS THE SURROGATE WATER MATRIX UNITS ARE UG/L (PPB)

SOLIDS MATRIX UNITS ARE UG/KG (PPB)

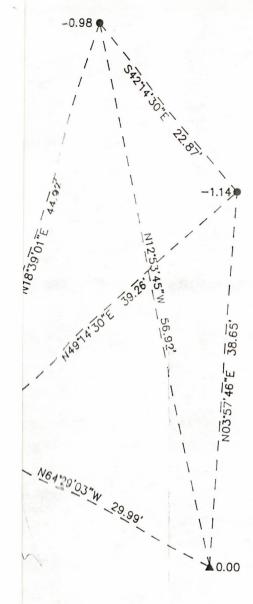
NA = NOT ANALYZED

MI = MATRIX INTERFERENCE WITH SURROGATE RECOVERY

ND = NONE DETECTED

REPORTING LIMITS:	WATER	SOIL
BENZENE	<2.0	<2.0
TOLUENE	<2.0.	<2.0
ETHYLBENZENE	<2.0	<2.0
XYLENES	<2.0	<2.0

OREGON ANALYTICAL LABORATORY



LEGEND

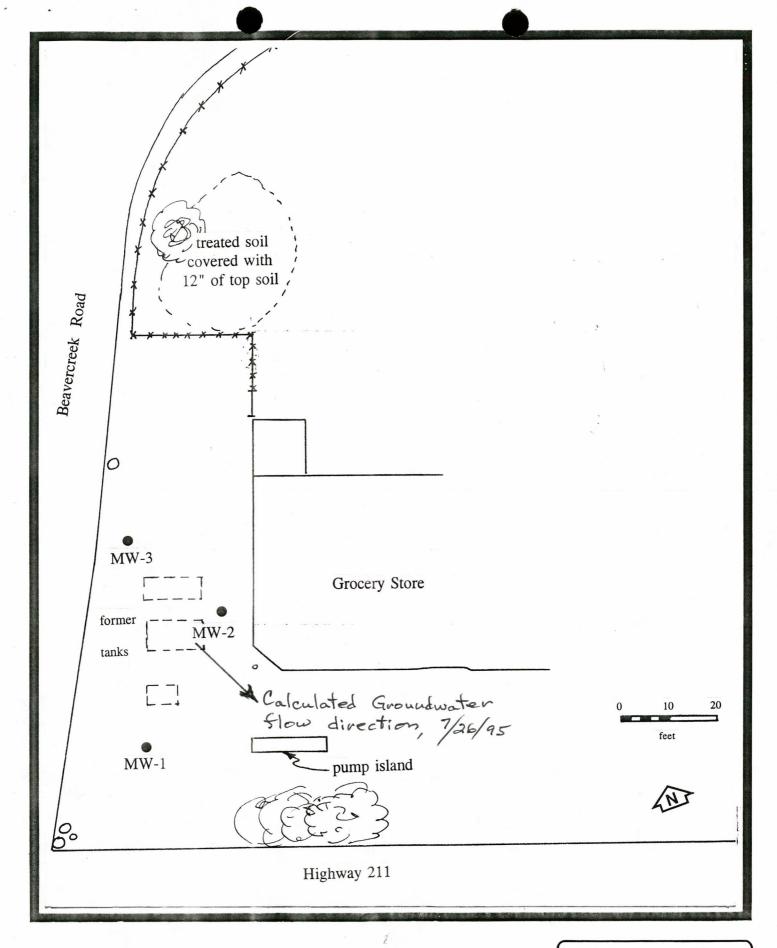
= Centerline of Monitoring Well

= Horizon Point, Assume Elevation 0.00

Elevations shown for Monitoring Wells at Black Mark on Rim of PVC Well Casing

Base bearing is magnetic between random points not shown.

SCALE : 1" = 10'



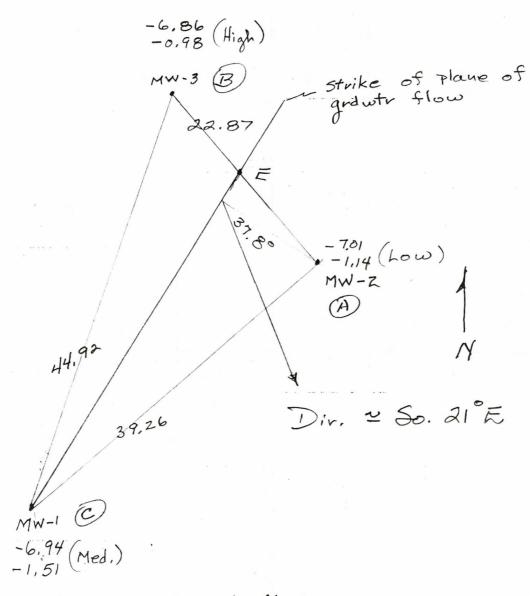
Site Location

Proj 95-044

Meadowbrook Groc.

Grdwtv. Flow 7/26/95

1"=10'



Med alt, - High alt, =
$$\frac{BE}{AB}$$

 $\frac{1}{1000}$ alt, - High alt. = $\frac{BE}{AB}$
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UST CLEANUP TELEPHONE USE REPORT

CALL FROM/TO:	Harold Slav.	Jc .	DATE:	7/20/95
WITH:	SML dosoc	vates	TIME:	7/10/95 450
TELEPHONE NO:	() 768-45	12		
REGARDING:	Meadowbrook	Grocery		
FILE NO:	03-92-125			
SUMMARY OF CAL	<u>r</u>			
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SMIL Associates

6920 S.W. 92nd Avenue, Unit 10 Portland, Oregon 97223 Phone/Fax: (503) 768-4512

DEPT OF ENVIRONMENTAL QUALITY
RECEIVED

JUL 1 3 1995

July 11, 1995

NORTHWEST REGION

Mr. Rick Silverman Environmental Specialist DEQ Northwest Region, UST Section 2020 S.W. 4th Ave, Suite 400 Portland, Oregon 97201 (503) 229-5477

Re: Meadowbrook Grocery, DEQ File # 03-92-125

Dear Rick:

As related earlier today in our telephone conversation, I have been retained by the Frison's to assist them in their monitoring well sampling and to put together a CAP for their site. I've also enclosed copies of some of the guideline materials sent to them.

As stated, from a review of the data they provided me, I have reason to believe their initial analyses of lead was done for total, not dissolved lead. Thus the false high values reported. They will be restarting their four quarters of monitoring under my guidance so we will resample for <u>dissolved</u> lead.

If you have any questions or I can be of further assistance please call us at (503) 768-4512.

Sincerely,

SMIL Associates

Harold J. Slavik, Jr., PG, REA

President

cc: Toni & Jack Frison

enc.

SMIL Associates

6920 S.W. 92nd Avenue, Unit 10 Portland, Oregon 97223 Phone/Fax: (503) 768-4512



July 10, 1995

Mr. & Mrs. Jack Frison Meadowbrook Grocery 16845 So. Highway 211 Molalla, Oregon 97038 (503) 829-9165

Dear Jack & Toni:

Enclosed is your file on the tanks, monitoring wells, sampling, etc. I made copies of the information I believed to be important to my understanding the situation and chain of events. I've also included two copies of our Services Agreement. Please complete the signature pages of both copies (there are 2 pages), keeping one copy for your files, and return one to me. You'll also find details on decontamination for sampling and examples of forms. You can get the drums for your purge water from Pacific Drilling Supply out of Wilsonville, 682-9174.

As I told you, we will need to develop a accurate site diagram for the Corrective Action Plan (CAP) for DEQ. In conversation with Rick Silverman he also mentioned the need for this diagram. So, the sooner you can get me a sketch with accurate measurements the sooner I can develop a diagram. Although the sampling can and should be done immediately, the CAP may not be completed until the later part of the month.

Straightening everything out, putting together explanations and examples, arranging for Alconox/sample supplies and getting back on track has taken somewhat longer than I anticipated. I've itemized the charges on the contract.

We appreciate the opportunity to be of service. If you have any questions or we can be of further assistance please call us at (503) 768-4512.

Sincerely,

SMIL Associates

Harold J. Slavik, Jr., PG, REA

President

cc: Rick Silverman

enc.

APPENDIX A Water Sampling in Wells and Boreholes

GENERAL CONSIDERATIONS

In general, the composition of water within the well casing and in close proximity to the well is not representative of groundwater quality. This may be due to contamination by drilling fluids or drilling equipment or to disparities between the oxidation-reduction potential in the well and the redox potential in the aquifer. To obtain a representative sample of groundwater, therefore, the well should be pumped or bailed until the well is thoroughly flushed of standing water and contains fresh water from the aquifer. One common procedure is to pump or bail the well until a minimum of three bore volumes (or alternatively, 10 well volumes) have been removed.

At the least, pumping should continue until water in casing storage has been removed. There are at least two common methods for determining that water in casing storage has been removed and water is flowing freely from the aquifer: (1) Monitor water level while pumping. When the pumping water level has "stabilized," it is likely that little or no water from casing storage is being pumped. (2) Monitor the temperature, pH, conductivity, and turbidity of the water while pumping. When these parameters "stabilize," it is probable that little or no water from casing storage is being pumped and most of the water is coming from the aquifer. The latter method is utilized by SML Associates.

PURGING

During each round of sampling, static water level will be measured prior to purging using an electronic sounder. All water-level measurements will be recorded to the nearest 0.01 foot with respect to mean sea level.

A minimum of three bore volumes will be purged from the well prior to sampling. Bore and well volumes will be calculated using the table in this Appendix. To insure that water in the well has been exchanged pumping or bailing shall commence at the top and work downward. The well will be allowed to return to 80 percent of the original water level before sampling.

Temperature, pH, specific conductance, and turbidity will be measured for each bore volume pumped. Purging will continue until these field-measured water quality parameters have stabilized and the water is, in the judgment of the geologist, representative of water in the aquifer. Data obtained from field water quality measurements will be recorded in the field log book or data sheets. A separate aliquot of groundwater collected from the purge water outlet stream will be used for field measurements; samples intended for laboratory analysis will not be used.

Temperature, pH, specific conductance, and turbidity meters will be calibrated per manufacturers guidelines. Calibration will be documented in the field log book or data sheets and will include a description of the calibration method, identification number of equipment and/or regents used in calibration.

Temperature will be measured with a good grade mercury-filled Centigrade thermometer, bimetallic-element thermometer, or electronic thermistor.

Acidity/alkalinity (pH) will be measured by dipping the conductivity probe in the water source or sample; pH will be measured as soon as possible after collection of the sample, preferably within a few minutes.

Conductivity will be measured by dipping the conductivity probe in the water source or sample. The temperature of the sample will be used to calculate specific conductance from the conductivity measurement. Measurements shall be reported in units of microhms per centimeter at 25 degrees Centigrade.

Turbidity will be measured using a vial of development/purge water and a turbidity meter. The instrument will be calibrated to read between 1 and 400 Nephelometric turbidity units (NTUs). This is a measure of the amount of light scattered at right angles to the path of light passing through the water. The greater the NTU reading, the greater the amount of light scattered by particles in the water, therefore, the greater the turbidity.

SAMPLE COLLECTION

Wells and borings will be sampled using a new, clean, disposable Teflon bailer attached to new, clean string. Sample vials and bottles will be filled to overflowing and sealed so that no air is trapped in the vial or bottle. Once filled, samples shall be inverted and tapped to test for air bubbles. Samples will be contained in vial and bottles approved by the US EPA and the Oregon Department of Environmental Quality. Some analyses may require separate sample containers in accordance with EPA methods described in 40 CFR Part 136 and SW-846.

Water samples intended for volatile hydrocarbon analysis will be contained in 40 ml VOA vials prepared according to EPA SW 849 and capped with Teflon-lined septa caps. Samples intended analysis is EPA 602 will contain a small amount of preservative (HCl). Samples intended for EPA 601 analysis and EPA 624 GCMS procedures will not be preserved. Water samples intended for low level diesel analysis will be stored in dark glass 1-liter bottles to reduce degradation by sunlight. Antimicrobial preservative (HCl) may be added to the sample if a prolonged holding time is expected prior to analysis.

Sample containers will be labelled with self-adhesive, preprinted tags. Labels will contain the following information in waterproof ink:

- 1. Project number (or name)
- 2. Sample number (or name)
- 3. Sample location (well number, etc.)
- 4. Date and time samples were obtained
- 5. Treatment (preservative added, filtered, etc.)
- 6. Name of sample collector

All purged water will be stored on site in steel DOT approved drums. Drums will be labeled as to contents, suspected contaminants, date container filled, expected removal date, company name, contact and phone number, sealed and left on-site for subsequent disposal pending analytical results.

DOCUMENTATION

Sampling information will be recorded in ink in a bound notebook with consecutively number pages. Pages will not be removed for any reason. Alternatively, specially formatted field data sheets may be used to record the information collected during water quality sampling. Errata may be marked out with a single line, and initials of person making the change. The log book and data sheets will be placed in the project file when sampling is completed.

FIELD EQUIPMENT DECONTAMINATION PROCEDURES

Bailers and string will be properly disposed of off site. All other sampling equipment, such as buckets and stands, will be decontaminated after each use by washing in an Alconox solution, followed by tap water and deionized water rinses. Equipment will be sealed in plastic bags or other sealed containers to prevent contact with solvents, dusts or other contamination.

All rinsate used in the decontamination process will be stored on site in steel DOT approved drums. Drums will be labeled as to contents, suspected contaminants, date container filled, expected removal date, company name, contact and phone number, sealed and left on-site for subsequent disposal pending analytical results.



Decontamination Procedures

- 1. The bailer must be decontaminated before use or after each sampling event and then sealed in plastic or other non-porous media for use at the next sample event.
- 2. Fill two containers (minimum 5 gallon), one with clean tap water the other with tap water and approximately 1/3 to 1/2 cup Alconox. Also have a gallon of deionized water available.
- 3. Using a bottle brush to clean the inside of the bailer, wash the bailer in the Alconox. Then rinse thoroughly with the clean tap water and then with the deionized water. Air dry the bailer and place in sealed wrap for future use.
- 4. DO NOT wipe the bailer dry nor perform other tasks while cleaning the bailers unless you first wash your hands in the Alconox solution prior to resuming the decontamination! When dealing with parts per billion (ppb) detection limits it is very easy to cause contamination from another source which can bias your sample!

Monitoring Well Sampling

- 1. All sampling information should be recorded for each well individually each time you sample. See attached form, highlighted areas. Use a new length of string or twine for each bailer each time.
- 2. Prior to sampling measure the depth to the water surface, then total depth of the well. This should be done every time as the depth of the surface of the water table can change. Also, this information is necessary to determine the groundwater flow direction. The groundwater flow direction can change from one time of the year to another! Furthermore, the DEQ must be shown that at least one of the monitoring wells is in a down gradient direction from where the hydrocarbon release occurred and the surface slope is NOT indicative of the groundwater flow direction. Also, because it is critical to determining the groundwater flow direction, the point on each well casing from which the depth of the water in the casing is measured must be at the same elevation or at least known so as to determine the true depths by doing some trigonmetric calculations.
- 3. Based upon the water measurements and the diameter of the well casing calculate the minimum amount of water necessary to be purged (see Sampling Event Data Sheet example). Place purged water in 55 gallon drum until analytical results are obtained. If results are below instrument detection limits then you can dispose of water in drum. If there is something detected in the sample then call me.
- 4. After purging the required amount collect your sample in the appropriate containers. Be careful not to agitate the water collected and DO NOT allow a headspace (air bubble) to develop in the bottles as this will invalidate your sample. Refrigerate immediately. Record the sampling information on the chain of custody form. Place chain of custody form inside a sealed plastic bag, place in cooler and ship to laboratory immediately.

DEPT OF ENVIRONMENTAL QUALITY RECEIVED

JUL 7 1995

NORTHWEST REGION

July 5, 1995

Mr. Rick Silverman D.E.Q. 2020 S.W. 4th. Ave. Suite 400 Portland, Or. 97201-4987

RE: Meadowbrook Grocery File No. 03-92-125

Dear Sir:

Enclosed please find the results of the BTEX test results from all three monitoring wells. Also enclosed is a copy of the work performed by Roger Pearling Excavation showing the soil from the tank removal was covered with 25 yards of top soil as per your request, also enclosed is a diagram of the soil disposition. The soil tested clear some time ago and will remain on this property permanently.

As for the lead test for the three monitoring wells, the containers were contaminated with an unknown substance, and the tests are being reaccomplished with new samples. As soon as the results are completed, we will send them to you. Lead testing takes more time than BTEX, as the lab sends them out. We have asked the lab to expidite the results. Thank you for your cooperation.

Sincerely,

Toni Frison

Meadowbrook Grocery, Owner

Roger Peurling Exc, cc3#59989
P.b. Box 103
Milulla Bre 97038 Deg#36707

CUSTOMER'S ORDER NO.	DEPT.	6-27-9 5
Meadow Drock &	3-00016	
1 LEGGOUDYOUN C	Froce'r y	
ADDRESS	1 . 1	1 0
16845 S. Hwy 2	ZII Molella	Drc. 9 7038

12c	96	CASH C.O.D. CHARGE ON ACCT	. MDSE.	RETD. PAID OF
QUAN.		DESCRIPTION	PRICE	AMOUNT
	1	Deliver 25 mds TO psoil		
	2	TO COUVEY SPOILS From		
	3	Jank Removed TO		
	4	A Depth of 12 over		
	5	Deliver 25 mos Topsoil To Couver Spoils From Tank Removed To A Depth of 12 over Existing Grade, Spread with Machine		
	6	Spread with Machine		
	7			
	8			
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	17			
	18			

REDIFORM 5L320



KEEP THIS SLIP FOR REFERENCE

Prix 497 G FENCE SOIL. DISPOSITION N# FRNCE 1 th Pumps STORE HOUSE

WATERLAB CORP.

Certified Lab #008

June 16, 1995

2603 - 12th Street S.E. Salem, Oregon 97302 (503) 363-0473 FAX (503) 363-8900

Page 1

Account No. MEAGRO

Molalla, OR 97038

Meadowbrook Grocery

16845 S. Highway 211

SAMPLING INFORMATION

DATE

06/06/95 0915 Jack Frison

LOCATION Monitor Well #1

RECEIVING INFORMATION

06/06/95

1010

ki

Lab ID No. 950606015

ANALYTE	RESULTS	UNITS	DATE OF ANALYSIS ANALYST	EPA METHOD CODE
Benzene as BTEX	<0.0005	mg/liter	06/07/95 mjm	8021
Toluene as BTEX	<0.0005	mg/liter	06/07/95 mjm	8021
Ethylbenzene as BTEX	<0.0005	mg/liter	06/07/95 mjm	8021
Total Xylenes as BTEX	<0.0005	mg/liter	06/07/95 mjm	8021

WATERLAB CORP.

Certified Lab #008

2603 - 12th Street S.E. Salem, Oregon 97302 (503) 363-0473 FAX (503) 363-8900

Page 1

Account No. MEAGRO

June 16, 1995

Meadowbrook Grocery 16845 S. Highway 211 Molalla, OR 97038

SAMPLING INFORMATION

DATE

06/06/95 0915 Jack Frison

LOCATION Monitor Well #2

RECEIVING INFORMATION

06/06/95

1020

ki

Lab ID No. 950606016

	THE REST SECTION OF THE PARTY	NAME OF REAL PROPERTY AND POST OFFICE ADDRESS OF THE PARTY AND POST OF	NAME AND TAXABLE WATER ADDRESS ARREST STORY ARREST ADDRESS ADD	NAME AND ADDRESS OF THE PARTY O	and storm death should excess among allocal county, artists among allocal
ANALYTE	RESULTS	UNITS	DATE OF ANALYSIS	ANALYST	EPA METHOD
Benzene as BTEX	<0.0005	mg/liter	06/07/95	mjm	8021
Toluene as BTEX	<0.0005	mg/liter	06/07/95	mjm	8021
Ethylbenzene as BTEX	<0.0005	mg/liter	06/07/95	mjm	8021
Total Xylenes as BTEX	<0.0005	mg/liter	06/07/95	mjm	8021

WATERLAB CORP.

Certified Lab #008

2603 - 12th Street S.E. Salem, Oregon 97302 (503) 363-0473 FAX (503) 363-8900

Page 1

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June 16, 1995

Meadowbrook Grocery 16845 S. Highway 211 Molalla, OR 97038 Account No. MEAGRO

SAMPLING INFORMATION

DATE

06/06/95 0915 Jack Frison

LOCATION Monitor Well #3

RECEIVING INFORMATION

06/06/95

1020

ki

Lab ID No. 950606017

THE STATE COME COME COME COME COME COME COME COM		mines which about derive during mines where these desire great about miles and	pages arrest enter away dayle tooks some storing carde rights cross to	the state value when their value and	THE REAL PROPERTY COMES ASSESS NAMED	\$750 MIN 4607 CH
ANALYTE	RESULTS	UNITS	DATE OF ANALYSIS	ANALYST	EPA ME	THOD
Benzene as BTEX	<0.0005	mg/liter	06/07/95	mjm	8021	
Toluene as BTEX	<0.0005	mg/liter	06/07/95	mjm	8021	
Ethylbenzene as BTEX	<0.0005	mg/liter	06/07/95	mjm	8021	
Total Xylenes as BTEX	<0.0005	mg/liter	06/07/95	mjm	8,021	

UST CLEANUP TELEPHONE USE REPORT

CALL EROM/TO	Harole Stavik	Dame.	7-10-95
	SM (Associates		
	() 768 45/2,		
REGARDING:	Meadow brook G	procen	
FILE NO:	03-92-25		
SUMMARY OF CAL	<u>L</u>		
Asked i	Frist water mor	nitoria	samoles
coule c	ount towards	tle)	regured
100 990	MAN ON MONITONI	4 110	2000/1/2
I told h	in that it would	s'proba	bh be
OK as 1	ons as contaminas	les of	- Concan
weste In	for first monit	ionel s	amle.
and the second			
Harold let	ta message on my	Hone Me	onday @ 10 An
He said h	e was pulling together	a CAP a	nd quarterly
monitoring	plan wants to talk to	ne	
	1	1111	
		Marie	
	Staff	Signature	

UST CLEANUP TELEPHONE USE REPORT

CALL FROM/TO:	Jack Frison	DATE: 6/28/95
WITH:	Meadorbrent Grocery	TIME: 8 30
TELEPHONE NO:	() 829 -9165	
REGARDING:	Meadowbrook Broce	ery.
FILE NO:	03 -92 -125	
SUMMARY OF CALL	1	
Soil	ras brought back to b I was layed over the for lead in 6w res ing me a letter outling	nussite # 25xd3
of clean fil	I was laxed over the	treated soil. They
ave walting	for lead in Gwres	ults to be returned
before send	ing me a letter outlin	ing soil, samples, site
Status.		

Staff Signature



June 15, 1995

TONI FRISON MEADOWBROOK GROCERY 16845 SOUTH HIGHWAY 211 MOLALLA OREGON 97038 DEPARTMENT OF
ENVIRONMENTAL
QUALITY

NORTHWEST REGION

Re:

Meadowbrook Grocery File No. 03-92-125

Dear Ms. Frison:

This letter is stimulated by a complaint received by this Department on June 8, 1995, regarding the disposal of treated petroleum contaminated soil off-site, in a ravine. After talking with Jack Frison at Meadowbrook Grocery, on June 8, 1995, I was assured that the soil taken off-site will be returned to your property and all the treated soil will be properly disposed of as required in the policy for reuse of petroleum contaminated soil (enclosed).

Based on the information provided to the Department soil remediation appears to be complete. However, additional work must be done in order to bring this project to completion. The additional work includes the identification and approval of a location for the soil disposal and putting the treated soil at least two feet above the seasonal high water table and with at least one foot of clean fill cover. The specific disposition site must be approved by the Department prior to any movement of soil. Please contact this office concerning approval of the site.

A closure report must be submitted that describes how the soil will be disposed. This report is due on or before **August 15**, 1995. Include an accurate detailed site diagram that shows the final disposal location of the treated soil relative to the grocery store, pump island, and monitoring wells.

In addition, a review of this sites file indicates that a Corrective Action Plan (CAP) needs to be developed to address the groundwater contamination remaining at this site. Monitoring the groundwater wells on-site may be an acceptable approach for a CAP for this site.

If you have any questions or need additional information please contact me at (503) 229-5477.

Sincerely,

Rick Silverman

Environmental Specialist

Rick Silverman

Enclosures



UST CLEANUP TELEPHONE USE REPORT

CALL FROM TO	Jack Frison	DATE:	6/9/95
WITH:	Meadorbrook Gro	cery Time:	830 Au
TELEPHONE NO:	() 829 - 9165		
REGARDING:	Off-sitedisposal		
FILE NO:	03-92-125		
SUMMARY OF CALI			
Dacks	and he has talked	to John On	ens (17125
Sw Hallburn	y Lane, orgling, to	return the	soil that
was taken	offsite. Jack wi	Il get a lo	ad of clean
fill & cove	er the Weateds	oil & send	a letter staking
that the	soil has been pro	perly treat	ed.
	TR.	Silverman	(
		aff Signature	

State of Oregon Department of Environmental Quality 811 S.W. 6th Avenue Portland, Oregon 97204

Number:	
ramber.	

POLLUTION COMPLAINT

Date: 6-8-95

Pollution Type:	
AQ SW WQX OL OB HW SS UTX	Time: 2:42
10.0	Date and Time Observed:
Source: Meadow Brook Groce	2/9
16845 S. Huy 211	
Location: Merchanbrook store - gas cleanup - 1	
17125 SW Hallbacker lane, Mulline, 175	102. Intersection of Meadow brook In and huy 211 Phone
Description: People who live at above addre	
clounup as Fill for a Dint is being	put in streem on their property, that
nums accross a road.	
Reported by: Name: No+ 1=C+.	
Conf. Address:	
Yes City:	Zip:
No Home Phone	e: Work Phone:
Complaint taken by: Baumgartner Robert P	Referred to: P)S
Action taken: Passed to Rechard Segal / K	
03-92-125	
Talked to Jack Firesen & Mead	owbrook who said dirt did 40 to
John Oweds a 17125. They were not	
to Jack Frison 6/9 who said h	
him to bring back the frested	soil Jack though the soil
was " clean and could be re	used I enlained the policy on
treated soil. Jack will backf	ill all the treated soil once its back
Referred to (Agency or Person)	Date:
Site Visit Yes X No	Source Info Updated Yes No
Complainant Contacted Yes	Date
Date Resolved 6/9/97	Time Spent
Correspondence Attached Yes No	To Follow
File Under 03-92-125	

DEPT OF ENVIRONMENTAL QUALITY RECEIVED

JUN 8 1995

6-7-95

Mr. Rick Selverman NORTHWEST REGION
D. E. Q
2020 S. w. 4th ave. Suite 400
Portland, Or 97201-4987

Dear Ser:

In reply to your notice of Non Compliance dated May 10, 1995. This letter is to notify you that ground water samples were taken from all three wells on June 6, 1995, and sent to water hab to be tested for BTEX and lead. Your office was nobled on May 12, 1995 that we would take these samples then.

Go soon as we have the results they well be sent to you. In response to their Corrective action plan we are uniting to see the results of the tests to determine if we are above legal limits, as lead is Common in water, if so we will contact you and make a decision as to what to do next. Your Cooperation is appreciated, as we as well as your want this matter Closed.

Sencerely Juson Meadawhrosk Specery Dile No. 03-92-125 NWR UST-95-135

UST CLEANUP TELEPHONE USE REPORT

CALL FROM/TO: Toni Frison DATE: 5-12-98
WITH: Mandowbrook Greenpine: 0830
TELEPHONE NO: () 829 - 9165
REGARDING: Grand wat sauple
FILE NO: 03-92-125
SUMMARY OF CALL
Received letter this morning regusting
grand water sample by May 3/51
She is leaving at 1000 am this
morning, will be back June 3nd-
will do water sample when she gets
back
1 201
Staff Signature



May 10, 1995

TONI FRISON MEADOWBROOK GROCERY 16845 SOUTH HIGHWAY 211 MOLALLA OREGON 97038 DEPARTMENT OF
ENVIRONMENTAL
QUALITY

NORTHWEST REGION

Re: UST-Clackamas County

Meadowbrook Grocery File No. 03-92-125 NWR-UST-95-135

NOTICE OF NONCOMPLIANCE

Dear Mrs. Frison:

This notice is being sent to you as the registered agent for Toni's Meadowbrook Grocery. These violations have occurred since the issuance of letters dated July 15, 1994 and December 14, 1994, which outlined your responsibility to conduct quarterly groundwater samples for all relevant hazardous constituents (benzene, toluene, ethylbenzene, xylenes [BTEX], and lead). These two letters are enclosed.

This notice is a result of violations of Oregon Administrative Rules (OARs) governing Underground Storage Tanks at Toni's Meadowbrook Grocery located at 16845 Highway 211, Mollalla, Oregon which is under your responsibility. All referenced rules are attached. The following violations have occurred:

Violation 1

1. Failure to sample for all relevant hazardous constituents as required by OAR 340-122-242(3)(a)(A). No groundwater samples for BTEX have been taken since August 22, 1994, and no samples for lead have been taken since December 2, 1994, as required by OAR 340-122-242(3)(a)(D).

Violation 2

2. Failure to submit a Corrective Action Plan (CAP) as required in the December 14, 1994 letter is a violation of OAR 340-122-225(2).



TONI FRISON May 10, 1994 Page 2

These are Class I violations and are considered to be serious violations of Oregon environmental law. Therefore, we are referring these violations to the Department's Enforcement Section with a recommendation to initiate a formal enforcement action. A formal enforcement action may include a civil penalty assessment for each day of violation.

In order to correct Violation 1, by May 31,1995, you are required you to submit analytical results for both BTEX (by EPA Method 8020 or 8240) and lead (by EPA Method 7421) as outlined in OAR 340-122-242(5)(a) and OAR 340-122-242(5)(d), to correct Violation #1 by May 31, 1995. As required in the July 15, 1994 letter, you must notify the Department at least three days in advance of sampling the groundwater so the Department may have a representative present to split samples with you to determine what the current site conditions are. In addition, to correct Violation #2, a Corrective Action Plan must be submitted by June 10, 1995.

If you have any questions or need assistance in complying with this Notice of Noncompliance please contact me at (503) 229-5477.

Sincerely,

Rick Silverman

Environmental Specialist

Birk Silverman

cc: Enforcement Section: NWR

Enclosures



December 14, 1994

DEPARTMENT OF
ENVIRONMENTAL
OUALITY

NORTHWEST REGION

TONI FRISON MEADOWBROOK GROCERY 16845 SOUTH HIGHWAY 211 MOLALLA OREGON 97038

Re:

Meadowbrook Grocery File No. 03-92-089

Dear Mrs. Frison:

I received the analytical results for your site located at 16845 Highway 211, in Mollalla Oregon, on December 13, 1994. All compounds of concern that were requested to be tested in the Notice of Noncompliance (NON) issued, November 10, 1994, were sampled for and the NON requirements have been satisfied.

The analytical results indicate that the sludge that has been stored at your property does not fail the TCLP test. Please document the disposal of this material at a licensed and approved facility within sixty days (by February 15, 1995).

In addition, the analytical results indicate that the two monitoring wells (MW-2 and MW-3) that have dissolved gasoline compounds (benzene, toluene, ethylbenzene, and xylenes [BTEX]) in them also have dissolved lead above the regulatory limits of 0.005 mg/l or 5 parts per billion (ppb). The results for lead indicate 0.006 mg/l in MW-1 and 0.0068 mg/l in MW-2. The third monitoring well MW-3 and the drinking water well are below the regulatory limits for lead and BTEX with 0.002 mg/l of lead in the drinking water well and 0.0025 mg/l in MW-3. No BTEX compounds were found in either of these wells.

Because the concentration of dissolved lead in MW-2 and MW-3 is slightly above the regulatory action level you will have to propose a less stringent cleanup level in the corrective action plan that is required for this site (OAR 340-122-250) or design a treatment system that can remove dissolved lead.



TONI FRISON December 14, 1994 Page 2

Regular quarterly groundwater sampling for BTEX compounds and dissolved lead are required for all sites with groundwater impacts (particularly at sites with potable drinking water wells on site). Less frequent sampling for lead may be proposed in the corrective action plan as outlined in OAR 340-122-242(2)(b).

Please submit an outline for developing a corrective action plan within sixty days (by February 15, 1995).

If you have any questions or if I can be of any assistance in meeting the above requirements please contact me at (503) 229-5477.

Sincerely,

Rick Silverman Environmental Specialist



DEPARTMENT OF
ENVIRONMENTAL
QUALITY

July 14, 1994

NORTHWEST REGION

TONI FRISON
MEADOWBROOK GROCERY
16845 SOUTH HIGHWAY 211
MOLALLA OREGON 97038

Re: UST-Clackamas County Meadowbrook Grocery File No. 03-92-125

Dear Mrs. Frison:

We have completed our review of your site's file concerning cleanup of gasoline contamination at your facility located at 16845 South Highway 211.

This information indicates that soil and groundwater contamination remains at the site. We concur that additional cleanup activities are necessary in order to mitigate the environmental hazards at the site.

This work includes the required quarterly groundwater sampling from both the potable drinking water well and the three groundwater monitoring wells installed in November 1993. In addition you have not documented where and how the treated petroleum contaminated soil will or was disposed of on site.

Please include a proposed schedule of events for the groundwater sampling so the Department may be present to split samples with you to confirm the current conditions at this site. Finally, there is no documentation of the disposal of the 50 gallons of tank sludge that was stored in a 55-gallon drum on your site. Please submit a letter by August 15, 1994, outlining your planned actions for the site including the disposal of the tank sludge and the treated soil.

If you have any questions regarding this matter, please contact me at (503) 229-6384.

Sincerely,

Rick Silverman UST Cleanup Specialist Northwest Region



2020 SW Fourth Avenue Suite 400 Portland, OR 97201-4987 (503) 229-5263 Voice/TD DEQ-1

(5) Analytical Methods

All sampling events for purposes of identifying contaminants of concern [OAR 340-122-242(3)], or for verifying either preliminary compliance [OAR 340-122-242(7)] or final compliance [OAR 340-122-242(8)] shall use the following analytical methods:

- (a) Volatile aromatic hydrocarbons shall be analyzed by means of EPA Method 8020 or 8240.
- (b) Polynuclear Aromatic Hydrocarbons (PAHs) shall be analyzed by means of EPA Method 8310 or other comparable methods approved by the Department.
- (c) 1,2-dibromoethane (EDB) and 1,2-dichloroethane (EDC) shall be analyzed by means of EPA Method 8010 or 8240.
- (d) Dissolved lead shall be analyzed by means of EPA Method 7421.
- (e) Total Petroleum Hydrocarbons (TPH) in water shall be analyzed by EPA Method 418.1, and TPH in soils by the appropriate method(s) listed in 340-122-350.
- (f) The Department may approve alternative analytical methods which have been clearly shown to be applicable for the compounds of interest and which have detection limits at least as low as the methods listed above.

(6) Compliance Monitoring Points

In a corrective action plan prepared for a site requiring cleanup and/or monitoring of groundwater contamination, the owner, permittee or responsible person shall recommend which monitoring well or wells shall serve as compliance points for the site. This recommendation is subject to the Department's approval.

- (a) Compliance monitoring points shall be established to define a lateral area surrounding the source of contamination, outside of which all appropriate cleanup levels must be attained and maintained, out to the edge of the contaminant plume. Compliance monitoring points shall be located as close as practicable to the source of contamination and shall not be located beyond the release site property boundary, unless authorized by the Department.
- (b) The compliance monitoring points shall establish a vertical boundary extending from the uppermost level of the saturated zone to the lowest depth which could potentially be affected by the release.

- (a) Remove as much of the regulated substance from the UST system as is necessary to prevent further release to the environment;
- (b) Visually inspect any aboveground releases or exposed below ground releases and prevent further migration of the released substance into surrounding soils and groundwater;
- (c) Continue to monitor and mitigate any additional fire and safety hazards posed by vapors or free product that have migrated from the UST excavation zone and entered into subsurface structures;
- (d) Remedy hazards posed by contaminated soils that are excavated or exposed as a result of release confirmation, site investigation, abatement, or cleanup activities. If these remedies include treatment or disposal of soils, the owner, permittee or responsible person shall comply with applicable state and local requirements;
- (e) Measure for the presence of a release where contamination is most likely to be present at the UST site. In selecting sample types, sample locations, and measurement methods, the owner, permittee and responsible person shall consider the nature of the stored substance, the type of backfill, depth to groundwater and other factors as appropriate for identifying the presence and source of the release; and
- (f) Investigate to determine the possible presence of free product, and begin free product removal as soon as practicable and in accordance with subsection 340-122-235.
- (2) Within 20 days after release confirmation, or within another reasonable period of time determined by the Director, owners, permittees or responsible persons shall submit a report to the Department summarizing the initial abatement steps taken under paragraph (1) of this subsection and any resulting information or data.

340-122-230 <u>Initial site characterization</u>

- (1) Unless directed to do otherwise by the Department, owners, permittees or responsible persons shall assemble information about the site and the nature of the release, including information gained while confirming the release or completing the initial abatement measures in subsection 340-122-225(1). This information shall include, but is not necessarily limited to the following:
 - (a) Data on the nature and estimated quantity of release;

DEPT OF ENVIRONMENTAL QUALITY RECEIVED

APR 1 0 1995

4-6-95

Mr. Rick Selverman

2920 S. W 4th Suite 400 Parlland, au 97201-4987

Re: Meadow brook Grocery

Dlar Ser:

Enclosed please Lind Copies of the pumit and hecipt of disposal for the pludge barrel which was stored at Meadow Brook Grocery.

Shark you Tuson owner Meadowlerook Strong 14845 S. Hay 24 Mololla, ar 97038

Special Waste Permit Manage nt Decision

EPT OF ENVIRONMENTAL QUALITY RECEIVED

APR 1 0 1995

Special Waste Permit No.: 2223

Permit Expiration Date: 6-24-95

10 GETHELIOS NATIOSION Meadow brook Grocery Address of Waste Generation: 16845 S. Huy 219

City: Molala State: 0R: 97038 General Waste Description: as Cont. Soil /Sludge Landfill Action: Disposal of the above described special waste is: Approved ____ Disapproved ____ for disposal at ____ Lill Shore Land 611 at the disposal rate of \$ 3714 per Ton \$ _____ Per trip min/charge. Waste Acceptance Mgr. Signature: £Clan L. Pies Precautions, Conditions, or Limitations on Approval: please label dram "gasoline C'entaminated soil/sludge" If disapproved, reason for denial of permit: ___ Credit/Billing Information Accept _____ Reject ____ By: __ Comments: Michinent = Cash or VISA

Landfill Account No.

Hillsboro Landfill Inc. Subsidiary of Sanifill, Inc.

IR: IN
ns: 13
ITE: PB
H H P
cale # 18/ANA
cale # 13/8
V
5.

Feb 11, 1995

DEPARTMENT OF ENVIRONMENTAL QUALITY RECEIVED

FEB 1 5 1995

Meadowbrook Grocery 16845 S. Hwy 211 Molalla, Or. 97038

NORTHWEST REGION

Mr. Rick Silverman
D.E.Q.
2020 S.W. 4th Ave. Suite 400
Portland, Or. 97201-4987

Re: Meadowbrook Grocery File # 03-92-089

Dear Mr. Silverman:

As per our telaphone conversation of Feb. 6, 1995, I have applied to Hillsboro Landfill for a permit to dispose of the sludge barrel containing sludge that did not fail the TCLP test. As soon as I receive that application I will complete it and send copies of the reports to Hillsboro Landfill. At that time they will issue a permit and we will dispose of the sludge barrel, and send you a copy of the receipt for disposal.

As for the monitoring wells showing a small fraction over the amount allowed for lead, lead is common in the water and soil in this area, as this is underground water and the water level is high in this area this water could be coming from anywhere. It is our plan to continue to monitor the wells two times in 1995 to determine if the lead content goes down.

Yours Truly

Toni Frison, owner Meadowbrook Grocery



December 14, 1994

DEPARTMENT OF
ENVIRONMENTAL
QUALITY

NORTHWEST REGION

TONI FRISON MEADOWBROOK GROCERY 16845 SOUTH HIGHWAY 211 MOLALLA OREGON 97038

Re:

Meadowbrook Grocery File No. 03-92-089

Dear Mrs. Frison:

I received the analytical results for your site located at 16845 Highway 211, in Mollalla Oregon, on December 13, 1994. All compounds of concern that were requested to be tested in the Notice of Noncompliance (NON) issued, November 10, 1994, were sampled for and the NON requirements have been satisfied.

The analytical results indicate that the sludge that has been stored at your property does not fail the TCLP test. Please document the disposal of this material at a licensed and approved facility within sixty days (by February 15, 1995).

In addition, the analytical results indicate that the two monitoring wells (MW-2 and MW-3) that have dissolved gasoline compounds (benzene, toluene, ethylbenzene, and xylenes [BTEX]) in them also have dissolved lead above the regulatory limits of 0.005 mg/l or 5 parts per billion (ppb). The results for lead indicate 0.006 mg/l in MW-1 and 0.0068 mg/l in MW-2. The third monitoring well MW-3 and the drinking water well are below the regulatory limits for lead and BTEX with 0.002 mg/l of lead in the drinking water well and 0.0025 mg/l in MW-3. No BTEX compounds were found in either of these wells.

Because the concentration of dissolved lead in MW-2 and MW-3 is slightly above the regulatory action level you will have to propose a less stringent cleanup level in the corrective action plan that is required for this site (OAR 340-122-250) or design a treatment system that can remove dissolved lead.



TONI FRISON December 14, 1994 Page 2

Regular quarterly groundwater sampling for BTEX compounds and dissolved lead are required for all sites with groundwater impacts (particularly at sites with potable drinking water wells on site). Less frequent sampling for lead may be proposed in the corrective action plan as outlined in OAR 340-122-242(2)(b).

Please submit an outline for developing a corrective action plan within sixty days (by February 15, 1995).

If you have any questions or if I can be of any assistance in meeting the above requirements please contact me at (503) 229-5477.

Sincerely,

Rick Silverman

Environmental Specialist

Rich Silverman

Mr. Rick Selverman D. E. Q. 2020 S. W. 4th ave Suite 400 Porlland, ar 97201-4987 Re: 03-92-125 Enclosed please find Copies of all of the tests requested, including the sludge. Sone Prison Ewsur Meadow brook Divery 16845 S. Hay 211 Molalla, ar 97038

Certified Lab #008

TEST RESULTS

2603 - 12th Street S.E. Salem, Oregon 97302 (503) 363-0473 FAX (503) 363-8900

TO: Meadowbrook Grocery

16845 S. Hwy. 211 Molalla, OR 97038 **MEAGRO**

PO#:

SAMPLE POINT: Drinking Water Well

DATE/TIME COLLECTED: 12/02/94 11:10 AM

COLLECTED BY: Customer
DATE RECEIVED: 12/02/94
LAB REPORT #: 941202-029

Test	Results	Units	Date	Tech	Method
Lead	<0.002	mg/l	12/02/94	bem	SM3500B

ND means No Detection at specified limit. NA means Not Applicable

SM = "Std. Methods for the Examination of Water and Wastewater"
EPA = "Methods for the Chemical Analysis for Water and Wastes"
< = Less Than // > = Greater Than

Date Reported: 12/06/94

DEPARTMENT OF ENVIRONMENTAL QUALITY
RECEIVED

DEC 1 3 1994

NORTHWEST REGION

Certified Lab #008

TEST RESULTS

2603 - 12th Street S.E. Salem, Oregon 97302 (503) 363-0473 FAX (503) 363-8900

TO: Meadowbrook Grocery 16845 S. Hwy. 211 Molalla, OR 97038 **MEAGRO**

PO#:

SAMPLE POINT: Monitoring Well #1

DATE/TIME COLLECTED: 12/02/94 11:20 AM

COLLECTED BY: Customer DATE RECEIVED: 12/02/94 LAB REPORT #: 941202-030

Test	Results	Units	Date	Tech	Method
Lead	0.0060	mg/l	12/02/94	bem	SM3500B

ND means No Detection at specified limit. NA means Not Applicable

SM = "Std. Methods for the Examination of Water and Wastewater"
EPA = "Methods for the Chemical Analysis for Water and Wastes"
< = Less Than // > = Greater Than

Certified Lab #008

TEST RESULTS

2603 - 12th Street S.E. Salem, Oregon 97302 (503) 363-0473 FAX (503) 363-8900

TO: Meadowbrook Grocery 16845 S. Hwy. 211

Molalla, OR 97038

MEAGRO

PO#:

SAMPLE POINT: Monitoring Well #2

DATE/TIME COLLECTED: 12/02/94 11:20 AM

COLLECTED BY: Customer
DATE RECEIVED: 12/02/94
LAB REPORT #: 941202-031

Test	Results	Units	Date	Tech	Method
NAME AND ADDRESS A		//			
Lead	0.0068	mg/l	12/02/94	bem	SM3500B

ND means No Detection at specified limit. NA means Not Applicable

SM = "Std. Methods for the Examination of Water and Wastewater"
EPA = "Methods for the Chemical Analysis for Water and Wastes"
< = Less Than // > = Greater Than

Certified Lab #008

TEST RESULTS

2603 - 12th Street S.E. Salem, Oregon 97302 (503) 363-0473 FAX (503) 363-8900

TO: Meadowbrook Grocery 16845 S. Hwy. 211 Molalla, OR 97038 **MEAGRO**

PO#:

SAMPLE POINT: Monitoring Well #3

DATE/TIME COLLECTED: 12/02/94 11:15 AM

COLLECTED BY: Customer DATE RECEIVED: 12/02/94 LAB REPORT #: 941202-032

Test	Results	Units	Date	Tech	Method	
Lead	0.0025	mg/l	12/02/94	bem	SM3500B	

ND means No Detection at specified limit. NA means Not Applicable

SM = "Std. Methods for the Examination of Water and Wastewater"
EPA = "Methods for the Chemical Analysis for Water and Wastes"
< = Less Than // > = Greater Than

Certified Lab #008

TEST RESULTS

2603 - 12th Street S.E. Salem, Oregon 97302 (503) 363-0473 FAX (503) 363-8900

TO: Meadowbrook Grocery 16845 S. Hwy. 211 Molalla, OR 97038 **MEAGRO**

PO#:

SAMPLE POINT: Drinking Water Well

DATE/TIME COLLECTED: 12/02/94 11:10 AM

COLLECTED BY: Customer DATE RECEIVED: 12/02/94 LAB REPORT #: 941202-033

Test	Results	Units	Date	Tech	Method
NAME AND THE PARTY OF THE PARTY	THE COLUMN TWO IS NOT THE OWNER WHEN THE COLUMN TWO IS NOT THE COL				
Ethylene dibromide(EDB)	<0.0005	mg/liter	12/03/94	mjm	EPA8010
1,2-Dichloroethane (EDC)	<0.0005	mg/liter	12/03/94	mjm	EPA8010

ND means No Detection at specified limit. NA means Not Applicable

SM = "Std. Methods for the Examination of Water and Wastewater" EPA = "Methods for the Chemical Analysis for Water and Wastes" < = Less Than // > = Greater Than

Certified Lab #008

TEST RESULTS

2603 - 12th Street S.E. Salem, Oregon 97302 (503) 363-0473 FAX (503) 363-8900

TO: Meadowbrook Grocery 16845 S. Hwy. 211 Molalla, OR 97038 MEAGRO

PO#:

SAMPLE POINT: Monitoring Well #1

DATE/TIME COLLECTED: 12/02/94 11:20 AM

COLLECTED BY: Customer
DATE RECEIVED: 12/02/94
LAB REPORT #: 941202-034

Test	Results	Units	Date	Tech	Method
way haden speed hands show water water from these states hands hands hands hands states show these states hand hand hand hand hand hand hand hand					
Ethylene dibromide(EDB)	<0.0005	mg/liter	12/03/94	met.	EPA8010
1,2-Dichloroethane (EDC)	<0.0005	mg/liter	12/03/94	mjm	EPA8010

ND means No Detection at specified limit. NA means Not Applicable

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EPA = "Methods for the Chemical Analysis for Water and Wastes"
< = Less Than // > = Greater Than

Certified Lab #008

TEST RESULTS

2603 - 12th Street S.E. Salem, Oregon 97302 (503) 363-0473 FAX (503) 363-8900

TO: Meadowbrook Grocery 16845 S. Hwy. 211 Molalla, OR 97038 **MEAGRO**

PO#:

SAMPLE POINT: Monitoring Well #2

DATE/TIME COLLECTED: 12/02/94 11:20 AM

COLLECTED BY: Customer DATE RECEIVED: 12/02/94 LAB REPORT #: 941202-035

Test	Results	Units	Date	Tech	Method
Ethylene dibromide(EDB)	<0.0005	mg/liter	12/03/94	mjm	EPA8010
1,2-Dichloroethane (EDC)	<0.0005	mg/liter	12/03/94	mjm	EPA8010

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Certified Lab #008

TEST RESULTS

2603 - 12th Street S.E. Salem, Oregon 97302 (503) 363-0473 FAX (503) 363-8900

TO: Meadowbrook Grocery 16845 S. Hwy. 211 Molalla, OR 97038

MEAGRO

PO#:

SAMPLE POINT: Monitoring Well #3

DATE/TIME COLLECTED: 12/02/94 11:15 AM

COLLECTED BY: Customer DATE RECEIVED: 12/02/94 LAB REPORT #: 941202-036

Test	Results	Units	Date	Tech	Method
Ethylene dibromide(EDB) 1,2-Dichloroethane (EDC)	<0.0005 <0.0005	mg/liter mg/liter	12/03/94 12/03/94		EPA8010 EPA8010

ND means No Detection at specified limit. NA means Not Applicable

SM = "Std. Methods for the Examination of Water and Wastewater" EPA = "Methods for the Chemical Analysis for Water and Wastes" < = Less Than // > = Greater Than

UMPQUA RESEARCH COMPANY

. BOX 791 - 626 N.E. Divi

Myrtle Creek, OR 97457 Phone (503)863-5201 - Fax (503)863-6199

OREGON STATE CERTIFIED LAB # 015

URC Sample #41205-2

Date Received: 12-5-94 Date Reported: 12-8-94

Mailing Address:

Sample Location:

Waterlab	Meadowbrook Grocery
2603 - 12th Street S.E.	941202-28
Salem, Or 97302	

DATE COLLECTED: 12-2-94 COLLECTED BY: Customer

TIME COLLECTED: 11:30 AM SAMPLE POINT: Sludge Barrel

TCLP - METALS

TEST METHOD: EPA 1311

TEST	UNITS	TEST RESULTS	DATE TESTED/ ANALYST
Arsenic, As	mg/l	ND@1.0	12-6-9 4 /ST
Barium, Ba	mg/l	ND@10.0	12-8-9 4 /ST
Cadmium, Cd	mg/l	ND@0.1	12-7-9 4 /ST
Chromium, Cr	mg/l	ND@2.0	12-6-9 4 /ST
Lead, Pb	mg/l	ND@0.2	12-8-9 4 /ST
Mercury, Hg	mg/l	ND@0.1	12-7-9 4 /ST
Selenium, Se	mg/l	ND@0.3	12-8-9 4 /ST
Silver, Ag	mg/l	ND@1.0	12-8-9 4 /ST

DATE OF EXTRACTION: 12-5-94

ANALYST: JH

Approved By John Hiltonider

ND = NONE DETECTED AT LEVEL INDICATED

TCLP.FRM

DEPT OF ENVIRONMENTAL QUALITY
RECEIVED

Meadowbrook Grocery 16845 S. Hwy 211 Molalla, Or. 97038 DEC 6 1994

NORTHWEST REGION

Mr. Rick Silverman Oregon Dept. of Environmental Quality 811 S.W. Sixth Ave. Portland, Or. 97204-1390

Dear Sir:

In regard to your notice of non compliance, please find enclosed a receipt for testing fees paid to Water Lab for one sample of sludge removed from the 55 gallon barrel per your request.

Four samples, one from each monitoring well, plus the drinking water well to be tested for lead, as per your request.

Four samples, one from each monitoring well plus one from the drinking water well, to be tested for EDB/Edc, as per your request.

As these tests were not mentioned when the BETX tests were done, we did not know they were required. The samples were delivered to Water Lab on Dec. 2, 1994, as we did not receive the sample bottles until De. 1, 1994, as Water Lab was closed for the Thanksgiving holidays and did not have the bottles needed for these tests.

Water Lab is aware of your request? to have these samples by Dec. 9, 1994, and they have sent them to be tested immedately, and will receive the results by Fax as soon as the tests are completed.

Every effort has been made to meet your deadline date, but I have no control over the lab process, although they have assured me they will do their best.

As soon as we receive the results from Water Lab a copy of the report will be sent immediately.

Thank you

Toni Frison, owner Meadowbrook Grocery

WATERLAB CORP. 2603 12TH ST., S.E. • SALEM, OR 97302 503-363-0473

REFERENCE NUMBER

Meadowfrook Drocery

SERVICE ADDRESS

NO. OF TEST	TYPE OF TEST	PRICE
	Total coliform — Method:	
	Fecal coliform — Method:	
1	Nitrate	2000
4	Water Treatment / Pipe Degradation / Toxic Metals / Minerals & Toxic Metals	
4-pa.	Lead Tests ENB/ENC Tests	48800
	TCIP	230.00
	TOTAL	1720 13

Dd. Ce# 3018

Oregon

November 10, 1994

DEPARTMENT OF
ENVIRONMENTAL
OUALITY

NORTHWEST REGION

TONI FRISON MEADOWBROOK GROCERY 16845 SOUTH HIGHWAY 211 MOLALLA OREGON 97038

Re:

UST-Clackamas County Meadowbrook Grocery File No. 03-92-125 NWR-UST-94-089

NOTICE OF NONCOMPLIANCE

Dear Mrs. Frison:

This notice is being sent to you as the registered agent for Toni's Meadowbrook Grocery. These violations have occurred since the underground storage tanks were removed May 1, 1992 (tank sludge has been stored on-site), and since July 14, 1994 when the Department sent you a letter requiring sampling for of the three monitoring wells and potable on-site well for gasoline additives and lead.

This notice is a result of violations of Oregon Administrative Rules (OARs) governing Underground Storage Tanks at Toni's Meadowbrook Grocery located at 16845 Highway 211, Mollalla, Oregon which is under your responsibility. All referenced rules are attached. The following violations have occurred:

Violation 1

1. Failure to determine if the waste (tank sludge) is considered hazardous as required by OAR 340-102-011.

Violation 2

2. Failure to sample for all relevant hazardous constituents as required by OAR 340-122-242(3)(a). No samples for ethylene dibromide (EDB), ethylene dichloride (EDC), or lead have been taken from the groundwater at this site as required in the letter sent to you on July 14, 1994.



TONI FRISON November 10, 1994 Page 2

These are Class 1 violations and are considered to be significant violations of Oregon environmental law. Should you fail to correct the violation in accordance with the schedule set forth below, we will refer your file to the Department's Enforcement Section with a recommendation to proceed with a formal enforcement action which may result in a civil penalty assessment. Civil penalties can be assessed for each day of violation.

Therefore, we are requiring you to submit analytical results on both the tank sludge for Toxic Characteristic Leachate Procedure (TCLP)(by EPA Method 1311) and on the groundwater (from each well and the potable drinking water well) (for EDB and EDC (by EPA Method 8010 or 8240), and lead (by EPA Method 7421) to correct the above referenced violations by <u>December 9, 1994</u>.

If you have any questions or need assistance in complying with this Notice of Noncompliance please contact me at (503) 229-5477.

Sincerely,

Rick Silverman

Environmental Specialist

Rick Selverman

Northwest Region

cc:

Enforcement Section: DEQ

Al Kiphut:HQ-USTC

Chuck Clinton: Manager HSW-NWR

Mr. Pick Scherman D. E. S. 2920 S. W. 4th aue Fortland, Or 97201-4987 9-13-94 Mear Acr: file # 03-92-125 Enclosed please find the results of the water samples taken from the three monetoring wells and law drenking water well. Jon Inson Meadurbrook Sheery 8722/94 Did nots ample tank studge as required in last leden As water samples not taken for additions as required must for chem results before sending a letter or Now on two site Thick 486-2200 Mendowblook Exocert, Inc. Ton's Beadonbrook Grocery Toni Frison

DEPT OF ENVIRONMENTAL QUALITY RECEIVED

SEP 2 8 1994

NORTHWEST REGION

Certified Lab #008

TEST RESULTS

2603 - 12th Street S.E. Salem, Oregon 97302 (503) 363-0473 FAX (503) 363-8900

TO: Meadowbrook Grocery 16845 S. Hwy. 211 Molalla, OR 97038

MEAGRO

WATER SYSTEM ID#: 4194658

WATER SYSTEM NAME: Meadowbrook Grocery

SAMPLE POINT: Drinking Well

DATE/TIME COLLECTED: 8/22/94 12:00 PM

COLLECTED BY: Mrs. Frison DATE RECEIVED: 8/22/94 LAB REPORT #: 940822-020

Test/Method	Results	Units *	Limits	Test Date	Tech
BETX Testing— EPA8021	Marie Prince State Charle States (Marie Spirite Arrive States States States States)		On Maria Service Servi		
Delizero	<0.0005	mg/l		8/27/94	mjm
Toluene	<0.0005	mg/l		8/27/94	mjm
Ethylbenzene	<0.0005	mg/l		8/27/94	mjm
Xylenes, Total	<0.0005	mg/l		8/27/94	mjm
Surregate Recovery,		ક			

ND means No Detection at specified limit. NA means Not Applicable

SM = "Std. Methods for the Examination of Water and Wastewater"
EPA = "Methods for the Chemical Analysis for Water and Wastes"
< = Less Than // > = Greater Than

Date Reported: 9/09/94 cc:OSHD Yes

WATERLAB CORP.

Certified Lab #008

8- 1-1-B

TEST RESULTS

2603 - 12th Street S.E. Salem, Oregon 97302 (503) 363-0473 FAX (503) 363-8900

MEAGRO

200

TO: Meadowbrook Grocery 16845 S. Hwy. 211 Molalla, OR 97038

WATER SYSTEM ID#: 4194658

WATER SYSTEM NAME: Meadowbrook Grocery

SAMPLE POINT: Monitor Well #3

DATE/TIME COLLECTED: 8/22/94 12:00 PM

COLLECTED BY: Mrs. Frison DATE RECEIVED: 8/22/94 LAB REPORT #: 940822-023

Test Test/Method Results Units Limits Date Tech BETX Testing-EPA8021 <0.0005 8/27/94 mjm Benzene mg/1Toluene <0.0005 8/27/94 mjm mg/1Ethylbenzene 8/27/94 mjm < 0.0005 mg/1<0.0005 8/27/94 mjm Xylenes, Total mg/1Surrogate Recovery,

ND means No Detection at specified limit. NA means Not Applicable

SM = "Std. Methods for the Examination of Water and Wastewater"
EPA = "Methods for the Chemical Analysis for Water and Wastes"
< = Less Than // > = Greater Than

Date Reported: 9/09/94 cc:OSHD Yes

WATERLAB CORP.

Certified Lab #008

TEST RESULTS

2603 - 12th Street S.E. Salem, Oregon 97302 (503) 363-0473 FAX (503) 363-8900

MEAGRO

700 -

TO: Meadowbrook Grocery 16845 S. Hwy. 211 Molalla, OR 97038

WATER SYSTEM ID#: 4194658

WATER SYSTEM NAME: Meadowbrook Grocery

SAMPLE POINT: Monitor Well #2

DATE/TIME COLLECTED: 8/22/94 12:00 PM

COLLECTED BY: Mrs. Frison DATE RECEIVED: 8/22/94 LAB REPORT #: 940822-022

Test Test/Method Results Units Limits Date Tech BETX Testing-EPA8021 Point thinus mg/18/27/94 mjm 0.0430 Toluene 0.0277 8/27/94 mjm ma/1Ethylbenzene 0.111 mq/18/27/94 mjm 8/27/94 mim Xylenes, Total 0.108 mg/1Surrogate Recovery,

Attended to the tent of tent of tent of the tent of the tent of the tent of tent of tent of tent of tent of tent o

ND means No Detection at specified limit. NA means Not Applicable

SM = "Std. Methods for the Examination of Water and Wastewater"
EPA = "Methods for the Chemical Analysis for Water and Wastes"
< = Less Than // > = Greater Than

Date Reported: 9/09/94 cc:OSHD Yes

WATERLAB CORP.

Certified Lab #008

TEST RESULTS

2603 - 12th Street S.E. Salem, Oregon 97302 (503) 363-0473 FAX (503) 363-8900

TO: Meadowbrook Grocery 16845 S. Hwy. 211 Molalla, OR 97038 MEAGRO

WATER SYSTEM ID#: 4194658

WATER SYSTEM NAME: Meadowbrook Grocery

SAMPLE POINT: Monitor Well #1

DATE/TIME COLLECTED: 8/22/94 12:00 PM

COLLECTED BY: Mrs. Frison DATE RECEIVED: 8/22/94 LAB REPORT #: 940822-021

Test/Method	Results	Units	Limits .	Test Date	Tech
BETX Testing—	percent leaver grown related section control control control control control				7
Benzene Point thines	0.0420	mg/1 /		8/27/94	mjm
Toluene	0.0251	mg/1		8/27/94	mjm
Ethylbenzene	0.101	mg/l		8/27/94	mjm
Xyleries, Total	0.112	mg/l		8/27/94	mjm
Surragate Recovery,	· · · · · · · · · · · · · · · · · · ·	8			

the light wind fight and properly part of property the state of the state of

200

ND means No Detection at specified limit. NA means Not Applicable

SM = "Std. Methods for the Examination of Water and Wastewater"
EPA = "Methods for the Chemical Analysis for Water and Wastes"
< = Less Than // > = Greater Than

Date Reported: 9/09/94 cc:OSHD Yes

Nr. Reck Selverman 2020 S.W. 4th ave Swite 400 Porlland, Or 97201-4987 8-18-94 llean Sir Exclosed please find lopies of suports on final soil disposition send to DEG in Dely of 1993. the law and we are waiting for results we well send a copy to you as soon Ioni Dreson Meadow brook Gracery owner

> DEPT OF ENVIRONMENTAL QUALITY RECEIVED

> > AUG 1 9 1994

NORTHWEST REGION

7-20-93 Mr. Rich Rose D.E.Q 1500 S W. Derst Aue Suite 150 Partlana a. 97201-5884 Re: DEQ file number 03-92-125 Mear Scr. Exclosed you will fend the results of 2 soul samples taken at Madawarook Grocery. Que well also volice both pamples Show no bletection of Contaminiotion, therefore I believe Geration of the soil is Complete and the boil well remain

an may property.

Skark Gree Pone Green Headowbrook Grocery

PROPERTY OWNER STATEMENT FINAL SOIL DISPOSITION

FACILITY INFORMATION
(UST cleanup project where soils originated)
DEQ File Number assigned to site: 03-92-/25
Facility Name: MEADOW BROOK CROCERY
Facility Address: 16845 S. Awy 211
Facility Name: MEADOW BROOK CROCERY Facility Address: 16845 S. Awy 211 Molalla, OR 97038
FINAL DISPOSITION SITE INFORMATION
(Property where treated soils will be placed once treatment is complete)
Site Address: 16845 S. Hay 211 10845 S. Hay 211 10845 S. Hay 211 County: C/ACKIAMAS
MOLANH OR
Tax Lot No.(s): County: <u>C/ACKIAMAS</u>
Approximate size of property:
Acres: 1/8 or Sq. Ft.: or Dimensions:
그 그들은 경험에 가지를 잃었다면 그 경험을 받았다.
Property Owner Name: Tow. FRISON
Mail Address: 16845 S. Hwy2/1 Moln-11A, OR 97038
MOINIA OR 97038
Phone Number: 829-9165
그렇게 그래 그리는 말에게 한 경험에 가장하는 것이 모든 것이 없는 것 같아 다시 아름다면 하다.
THE PROPERTY OWNER WHERE THE TREATED SOILS WILL BE
DEPOSITED MUST SIGN AND DATE THE FOLLOWING
STATEMENT:
STATEMENT.
As the owner of the property listed above which will receive the treated soil
from the UST cleanup project also listed above once treatment is complete, I agree to ensure that the soils will be placed on my property such that they are
1) above seasonal high groundwater levels, 2) not located near wetlands or
gurface water. 3) not located within a 100 year floodplain, and 4) Will be placed
out of human contact or possible exposure. I also understand that I may be
jointly responsible and liable for any future problems arising from this soil
disposition activity.
Signature: Jose Suson Date: 7-18-93
그래면 그렇다면 뭐나한다. 그래면 이 목가 있는데 그리고 있는데 그렇다고 그게 가다. 어디, 없다
This signed statement must be included with the Soil Treatment Plan.

그리 마음 전 경우 교육하는 경우는 그리고 그 그 살이 되는 것이 되었다.

PROPERTY OWNER STATEMENT TREATMENT SITE

FACILITY INFORMATION
(UST cleanup project where soils originated)
220 711 Number against to gite 03 - 42-125
Facility Name: MEADON DROOK GROCERY
Facility Address: 16945 S. Auy 211
Facility Address: 16845 S. Huy 211 Molalla, OR 97038
The first free free free free free free free fre
TREATMENT SITE INFORMATION
(location where soils will be treated)
Site Address: 16845 S Huy 211
molpila Ok
Molalla, Ok Tax Lot No.(s): County: Clackanias
Approximate, size of property:
Acres: 1/2 or Sq. Ft: or Dimensions:
Property Owner Name: Town Facison
Mail Address: 16845 S. Auy 211 Molalla OR 97038
Molalla OR 97038
Phone Number: 829- 9165
보다 그렇게 하겠다. 이 경기에 생각하다 하셨다고 하는데 얼마나 하는데 그리고 없었다.
THE PROPERTY OWNER WHERE TREATMENT WILL OCCUR
THE PROPERTY OWNER WHERE TREATMENT WILL OCCUR
MUST SIGN AND DATE THE FOLLOWING STATEMENT:
As the owner of the property listed above which is proposed to be used as a petroleum contaminated soil treatment area, I agree that only petroleum contaminated soils from the UST cleanup project listed above will be allowed to be deposited and treated on this property. I agree that this is a one-time only use of this property for this purpose. I, or a representative for me, have confirmed that this activity is compatible with local land use ordinances. I also understand that I may be jointly responsible and liable for any future problems arising from this treatment project. Signature: Date: 7-18-93
Signature: St W Suson Date: 1-16 /
This signed statement must be included with the Soil Treatment Plan.



Report Date: July 8, 1993 Job#: TP-930706E-2

PO#: None Provided Project#: None Provided

Project: Meadow Brook Grocery

State ID #: 4194658

Attention: Tony Frison Meadow Brook Grocery 16845 S. Hwy. 211 Molalla, OR 97038

SAMPLE INFORMATION:

Date Samples Were Received By Laboratory: 07/06/93

Lab No.	Field	Identification		Sample Matrix	Date	Time
1	South	Side	L	Soil	07-06-93	NP
2	North	Side		Soil	07-06-93	NP

ANALYTICAL RESULTS:

Analysis Performed: TPH-G, by the Oregon DEQ Method, Purge-&-Trap, GC/PID.

<u>Parameter</u>	Detection <u>Limit</u>	Sample #1 _Results_	Sample #2 Results
Gasoline	2.0	ND	ND
Surrogate Recove	ery (%)	103	104

Results expressed as mg/kg unless otherwise noted.

ND means none detected at or above the detection limit listed.

Sincerely,

Susan M. Coffey

President

SMC/mlh

This report is for the sole and exclusive use of the above-named client. Samples are retained 15 days from the report date, or until holding time expires. Results pertain only to samples submitted.

COFFEY LABORATORIES INC. SAMPLE CUSTODY REPORT

Print Date 07/12/93 Time ****

Page 1

930706E SRC location F76 Sample No User TimeOut DateOut TimeIn DateIn 17:33 07/06/93 16:43 07/07/93 Disposal By MAF Diposal RTC 07/12/93 Sample No SRC location F76 TimeIn User TimeOut DateOut DateIn MAL. 17:33 07/06/93 16:43 07/07/93

Ojposal RTC 07/12/93 Disposal By MAF

Samples Returned to Client (Yes / No)

Samples Relinquished To CLI: Custody

Samples Relinquished By Who

Date 7/2/9 Time 240

TELEPHONE USE REPORT

CALL FROM TO:	Mr. Frisan	DATE: SI	1/94
COMPANY/TITLE:	Meadowbrook Store	TIME: 20	M
PHONE NO.:		(Circle fo	r filing)
CITY:	COUNTY:	AQ	Asbestos
		WQ	oss
		SW	HW
CIMAN DV OF CAL		General	Spill
SUMMARY OF CAL	e More call. Indicated that	- have "H	he can fil
~	n we don't & he sould son		
	sample the monitoring we		
	Bladge in driem. Mr. Fris		
A	have to get rid of sludge		
	that is incorrect withouts.		
issue an A		any way Stead	524 019
	to Trmy wother a waterbro	Mar 166 36	3-0473
	uply needs from weds, dome		
of sludge		3 () 4	
01 3190 78			
	A. Su	liverum	
	1 - 20	Signature	



DEPARTMENT OF
ENVIRONMENTAL
QUALITY

July 14, 1994

TONI FRISON
MEADOWBROOK GROCERY
16845 SOUTH HIGHWAY 211
MOLALLA OREGON 97038

NORTHWEST REGION

Re: UST-Clackamas County Meadowbrook Grocery File No. 03-92-125

Dear Mrs. Frison:

We have completed our review of your site's file concerning cleanup of gasoline contamination at your facility located at 16845 South Highway 211.

This information indicates that soil and groundwater contamination remains at the site. We concur that additional cleanup activities are necessary in order to mitigate the environmental hazards at the site.

This work includes the required quarterly groundwater sampling from both the potable drinking water well and the three groundwater monitoring wells installed in November 1993. In addition you have not documented where and how the treated petroleum contaminated soil will or was disposed of on site.

Please include a proposed schedule of events for the groundwater sampling so the Department may be present to split samples with you to confirm the current conditions at this site. Finally, there is no documentation of the disposal of the 50 gallons of tank sludge that was stored in a 55-gallon drum on your site. Please submit a letter by August 15, 1994, outlining your planned actions for the site including the disposal of the tank sludge and the treated soil.

If you have any questions regarding this matter, please contact me at (503) 229-6384.

Sincerely,

Paid Selverman Rick Silverman

UST Cleanup Specialist Northwest Region



2020 SW Fourth Avenue Suite 400 Portland, OR 97201-4987 (503) 229-5263 Voice/TDD DEQ-1

7/14/94 Mendowbrook Grocery 03-92-125 1684517myz11, Mollalla K-Silvernay Release reported 5/1/92. 3 gasolme tanks removed: 1-2,000 gallon, 1-1,000 galloy el 1-550 gallon tantis. Eight samples ta hay range from ND to 4,900 ppm TPH-6 6/5/92 32-38yd3 of contaminated soil stockpiled on site. 50 gallons of dante sludge has been left on site 6/9/92 Letter Itemte held regular fuel the other two unleaded Coroundwater encountered @ = 6'BLS, Samples #18#2 from pumpisland, #3 \$th4 9'BLS under the first tenk removed. #5 #H6 from 7'BLS under second top. # 7 8#8 from Tulid took @ = 7'BLS, #9- pit water sauple. ON AD- 2Appy TOH- 6 mater sample BIEX 6,900/16, 11,000/15, 11,000/15 & 63,000 pps Tonkexcausthon was lined with plastic & bechfilled with elega material. On-site water wall Level 1 site. #375pm, #9 140pm, #5) 2,300pm, #6 1,300pm, #7 2000pm, #8) 3500pm (duplicate) 4,900pm 8/25/92 waterwed ND for BTEX \$ 9 55. on 7/28/92. 11/13/92 No money to conduct site worth 3/15/93 Letter from Andree - Difstanding issues 1) No tank & studge desposal receipts 2) 35 yd3 of soil on-site - untreated 3) Soil & Gwinpact remain 4) Potable well being used on-site 80' from excourt on 5/19/93 Contaminated soil improperly stockpiled no berger lover or liner Acetanh or montgomery should have disposal recedits 6/3/93 Letter to Ruch Rose RI claims contractor caused release Ton! Frison indicates he is unable to pay for a cleaning of 6. w. contamination 6/10/93 Schnitzed tank disposal receipts 6/10/93 Ability to pay form sent to RP 10/30/93 Soil inspection found violations: No lines not Secured not covered, nor tilled. No permit sybmitted, Action must be takey by 7/23/93. 2 soil samples taken 7/6/93 were NP for TPH- 6. (Soil pile samples) Proposed on-site disposal of soil 16/11/93 No financel assistance paperrola submitted yet. Rlmill resubmit forms (10/19/9) phone logl. due 11/30/93 or install 3-MWs, No deluting nated nell sangles since alllar 10/25/93 RP wants to auger in 3 MWs. in old excaveldon "600-1004" will do the work. Mws will be required 12/30/93 Claims Mws installed to wall specks & lab results ND No data provided No documentation on soil disposal or disposal of tank studges we should split water samples with RP when they take their this times

RS_

1-11-94

Mr. Rech Rose D.E.B. 811 S.W. G. Ch ave. Portland, ar 97204-9845

USTC-93-636 DEQ file # 03-92-125

Clear Sir

Enclosed Please find Copies of the Well monitors installed at Meadewhook Grocery on You. 9,1993.

When we spoke on the telephone your indicated your did not receive Copies I have enclosed Copies of the reports for your files

Thank Jou Joni Prison Meadow brook Grocery owner

STATE OF OREGON MUNITORING WELL REPOR (as required by ORS 537.765 & OAR 690-240-095) 61274 Start Card # (1) OWNER/PROJECT: WELL NO. (6) LOCATION OF WELL By legal description meadowstronic Well Location: County Trackamas Township 55 (N or S) Range 3F (E or W) Section 18 (2) TYPE OF WORK: 2. Street address of well location 1654 New construction Repair Recondition 3. Tax lot number of well location Abandonment Conversion Deepening 4. ATTACH MAP WITH LOCATION IDENTIFIED. (3) DRILLING METHOD (7) STATIC WATER LEVEL: Show le SqyT (2) Rotary Air Cable | | moil rebnu & Rotary Mud who have Ft. below land surface. Date 910093 Hollow Stem Auger Other_ Artesian Pressure____lb/sq. in. (4) BORE HOLE CONSTRUCTION (3) Drill methods: Mark the correct box: rotary air, rotary and care-(8) WATER BEARING ZONES: Special Standards fr.w beteld Depth at which water was first found ____ & San H From 1 Street To Est. Flow Rate one 11 Land surface Vault ₽ft. Water-tight cover TO Surface flush vault Locking cap Casing (9) WELL LOG: Ground elevation diameter material SWL Welded Threaded Glued 2" alcover Seal clay with silt Brown Liner diameter 4.0 material Welded Threaded Glued silt brown moist Gravels with sand Well seal: Material Amount_ Silt with Sand Dris Borehole diameter Bentonite plug at least 2 ft. thick Filter Screen material 3/140/UC pack 2 ft. /5_ft. Slot size______O Filter pack: Material sand Size 11/20 in. Date started 9 110093 Completed (unbonded) Monitor Well Constructor Certification: (5) WELL TEST: I certify that the work I performed on the construction, alteration, or Pump Bailer Air Flowing Artesian abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to the best Permeability_ **GPM** knowledge and belief. Conductivity_ PH MWC Number 5-/ °F/C Depth artesian flow found_____ Temperature of water____ Signed_ Date Was water analysis done? Yes No (bonded) Monitor Well Constructor Certification: By whom? I accept responsibility for the construction, alteration, or abandonment Depth of strata to be analyzed. From_____ft. to _____ work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon well construction Remarks: standards. This report is true to the best of my knowledge and belief. MWC Number 10316 Name of supervising Geologist/Engineer Signed___ ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY-CONSTRUCTOR THIRD COPY-CUSTOMER

STATE OF OREGON MONITORING WELL REPORT (as required by ORS 537.765 & OAR 690-240-095)

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STATE OF OREGON MONITORING WELL REPORT (as required by ORS 537.765 & OAR 690-240-095)

Start Card #_

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		B // //	Д	2. Street address of well location	16545 5		1/2/1
	onstruction	Repair [Recondition	3. Tax lot number of well location	molalla 500	913	
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Meadowbrook Grocery 16845 S. Hwy. 211 Molalla, OR 97038





Mr. Rich Rose D. E. B. 811 S.W. 6 th ave. Porlland, ar 97264-9845

TELEPHONE USE REPORT

CALL FROM/TO) Toni Frison	DATE: 12-36	1-93
COMPANY/TITLE:	TIME: 1135	
PHONE NO.: 829-9165	(Circle for f	iling)
CITY: COUNTY:	AQ	Asbestos
	WQ	oss
	SW	HW
03-92-125	General	
Inquiry Toni said Gumu's ar WRD specifies lab results ND Report coming.	e mitalle	isl to
WRD specifies lab results ND	>.	
Report coming.		
Hoe.		
Si	gnature	

TELEPHONE USE REPORT

CALL FROM/TO: Tay Frison	DATE: <u>10-25</u>	-93
COMPANY/TITLE: Meadowbrook Grocery	TIME: 453	2
PHONE NO.: 829-9165	(Circle for f.	iling)
CITY: COUNTY:	AQ	Asbestos
	WQ	oss
#	SW	HW
#03-92-125 SUMMARY OF CALL:	General	Spill
	0	-10
Inquired about arguing in (3) becations		
to do work. I intermed her that		
samples have hits of gasoline that m		
will be required. She understands as	a will p	TO LEEK
with investigation		
TOX C:		

Oregon

October 21, 1993

DEPARTMENT OF
ENVIRONMENTAL
OUALITY

NORTHWEST REGION

TONI FRISON
MEADOWBROOK GROCERY
16845 SOUTH HIGHWAY 211
MOLALLA OREGON 97038

Re: UST-Clackamas County Meadowbrook Grocery File No. 03-92-0125

Dear Mrs. Frison:

As I mentioned in a telephone conversation with Mr. Frison on October 19, 1993, the Department is waiting on financial information on your ability to investigate petroleum contamination at your facility located at 16845 South Highway 211 in Molalla, Oregon.

The Department is determined to resolve the questions regarding the degree and extent of petroleum contamination on your property.

The Department requires that by November 30, 1993, you either;

- * Complete and submit the enclosed financial ability to investigate the contamination documents or,
- * Install a minimum of (3) three groundwater monitoring wells around the prior UST excavation.

On July 21, 1993, the Department received your letter requesting closure on the soil aeration portion of your project. Confirmatory samples of the treated soil were tested for total petroleum hydrocarbons-gasoline (TPH-G) and detected no contaminates above the detection limit of 2.0 ppm.

In order for the soil aeration treatment portion of your project to reach closure the soil must be placed out of human contact to avoid possible exposure. This is usually achieved by using the soil as fill above the seasonally high groundwater level and covering it with a layer of clean fill, or by demonstrating that the soil has been spread out in a remote area that has very little chance of human contact. The soil cannot be placed in a wetland or within the 100-year floodplain. Do not move the treated soil offsite without prior Department approval.

From your letter of July 20, 1993, the Department understands that the treated soil is to remain on your property. If you are unable to meet these terms for final treated soil disposition please inform the

TONI FRISON Page 2

Department so alternative arrangements can be discussed.

Once you locate an appropriate treated soil disposition site, please provide the Department with a description and site map of the chosen location.

Further, the Department has not received any laboratory test results on your well water since September 16, 1992. Please send us copies of all subsequent test results to-date.

By law, the Department is required to recover project oversight costs. Department oversight begins with the initial site characterization and continues through site closure. The Department's highest priority for oversight are those sites which pose the greatest hazard to human health, safety and the environment.

Your site is considered a priority site because high concentrations of cancer causing petroleum contaminates were detected in groundwater in the UST excavation. The Department understands there is a dispute about how these contaminates entered the excavation. Please understand that without further investigation into the extent of the contamination, this site will persist to remain on the Department's priority list.

Thank you for your cooperation. If you have any further questions regarding this important project please call me at 229-6385 extension 230.

Sincerely,

Richard Rose

UST-Cleanup Specialist

Northwest Region

Enclosure

cc: Greg Toran-DEQ-NWR
Alan Kiphut-DEQ-HQ
Darby Bacon-DEQ-HQ
Bob Montgomery

Montgomery Development Co., Inc.

PO Box 130

Sandy, Oregon 97055

TELEPHONE USE REPORT

CALL FROM TO Jack Frison	DATE: 10-19	7-93
COMPANY/TITLE:	TIME: 1300	
PHONE NO.: 829-9165	(Circle for f	iling)
CITY: COUNTY:	AQ	Asbestos
	WQ	oss
	SW	HW
03-92-125	General	Spill
SUMMARY OF CALL:	. ,	
I ingined it financial inability to pay	rato wa	5
submitted o- not. He said yes,	back in	July 1993
I ingisted if financial inability to pay submitted o- not. He said yes, I said Dept. doesn't have it and forms to them and to re-subm	will marie	1 new
forms to them and to re-subm	it.	
1 Dece		
Si	gnature	

TELEPHONE USE REPORT

CALL FROM/TO:	Mrs/Mr. Frison	DATE:	0-11-93
	829-9165	TIME: <u>4</u>	30
PHONE NO.:		(Circle fo	or filing)
CITY:	COUNTY:	AQ	Asbestos
		WQ	oss
		SW	HW
SUMMARY OF CALL	03-92-125	General	Spill
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submitted	any financial ability to days delinguent.	pay into.	it is
over 60	days deliment.	10	
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DEPT OF ENVIOUMENTAL QUALITY
RESERVED

JUL 2 1 1993

NORTHWEST REGITA 20-93

Mr. Rich Rose

D.E.Q

1500 S W. Derst Ave Suite 750 Portlana a. 97201-5884

Re: DEQ file number 03-92-125

Mear Ser:

Exclosed you will fext the results of 2 soil samples taken at the adamstrook Grocery. You will also notice both pamples show the bletection of Contamination, therefore I believe Gerateon of the soil is Complete and the boil well remain on my property.

Skark Grue Jose Gruson Gwner Meadowbrook Grocery



SOLID WASTE LETTER AUTHORIZATIO

PERMIT APPLICATION

DEQ USE ONLY Application Rec'd:	
Fee Rec'd:	
Approved/Denied:	

Management of Petroleum Contaminated Soils from an UST Cleanup Project

THIS APPLICATION IS FOR THE FOLLOWING ACTIVITY:

	Treatment Activity	Complete Questions Listed						
<u>×</u>	On-site Thermal Treatment (mobile unit) On-site Bioremediation On-site Soil Aeration Off-site Thermal Treatment (mobile unit) Off-site Bioremediation Off-site Soil Aeration	#1, #1, #1,	#2, #2, #2,	#3, #3, #4, #3,	#5, #5, #5,	and and and and and	#7 #7 #6 #6	

- < PLEASE COMPLETE THE FOLLOWING INFORMATION AS REQUIRED ABOVE >
- Facility Information UST cleanup project where contaminated soils originated DEQ File Number assigned to site: 03

Facility Address:

- 2. Attach the completed and signed Property Owner Statements for the treatment site and the site where the soils will be placed after treatment is complete (soil disposition site).
- Attach a written Soil Treatment Plan, using the "Aeration of Petroleum Contaminated 3. Soils" guidance document and treatment plan form or a written report which contains all elements of the form.
- Attach a written Soil Management Plan, using the Thermal Treatment by Mobile Unit 4. form or a written report which contains all elements of the form.
- 5. Explain the need and justification for the proposed project. What other disposal or treatment options were considered and why is this the most appropriate treatment method?

Attach a completed and signed Land Use Compatibility Statement. 6.

SOLID WASTE LETTER OF AUTHORIZATION PERMIT APPLICATION - PAGE 2

for the treatment site property location is compatible with local land use ordinances.
Land use approval granted and/or verified that activity is allowed
Name of Official: Clayfox 6. Glasgow pate: 7.1993 Department: Planning Phone: 653852
Department: Planning / Phone: 655 8524
BY THE FOLLOWING SIGNATURE, THE RESPONSIBLE PARTY STATES THAT ALL INFORMATION SUBMITTED WITH THIS APPLICATION, INCLUDING ATTACHMENTS, IS TRUE AND CORRECT TO THE BEST OF YOUR KNOWLEDGE. SIGNATURE ALSO ACKNOWLEDGES THAT A LETTER OF AUTHORIZATION MAY BE SUSPENDED OR REVOKED IF THE APPLICATION CONTAINS A MATERIAL MISREPRESENTATION OR FALSE STATEMENT.
Responsible Party Name: Tow, FRISON (please print)
Signature: Jone Fuson
Date: 7-18-93
Note: Contractors or consultants retained by the responsible party to conduct work associated with the cleanup or soil treatment MAY NOT sign this application in lieu of the responsible party.
DETERMINE IF PERMIT FEE IS REQUIRED OR IF A FEE WAIVER IS APPROPRIATE:
The Department will waive the required permit fee if you have agreed to reimburse the Department for oversight costs associated with your UST cleanup project. If you have questions about the cost recovery process, or wish to have a Cost Recovery Agreement form mailed to you, please contact Ms. Darby Bacon at 503-229-6635 or Ms. Marcie Murphy at 503-229-5790. The Department's toll-free, call-back number is 1-800-452-4011.
a. IF THE PERMIT FEE IS DUE: Complete the attached Fee Invoice Form and submit a check for the permit fee to the Business Office address listed.
b. IF A PERMIT FEE WAIVER IS APPROPRIATE: Note the following as applicable:
A signed Cost Recovery Agreement has already been submitted to the Department on (date).
A signed Cost Recovery Agreement is attached.
Submit this application, along with the appropriate attachments, to the DEQ Regional office that has jurisdiction for the UST cleanup project.
REMINDER - Have you:
Attached the completed and signed Property Owner Statements, for both the treatment site and the final disposition site? Attached a written soil treatment plan?
Attached a signed/approved Land Use Compatibility Statement (if necessary)? Attached a signed Cost Recovery Agreement (if appropriate)?
Submitted the letter authorization fee to the DEQ Business Office (if appropriate)?

PROPERTY OWNER STATEMENT TREATMENT SITE

FACILITY INFORMATION

(UST cleanup project where soils originated) DEQ File Number assigned to site: 03 - 92-125 Facility Name: MEADOW DROOK GROCERY Facility Address: 16845 S. Auy 211 MOIALIA OR 97038 TREATMENT SITE INFORMATION (location where soils will be treated) Site Address: 16845 S. Hwy 211 Molalla OR Tax Lot No.(s): _____ County: C/ACKAMAS Approximate size of property: /2 or Sq. Ft: ____ or Dimensions: ____ Acres: Property Owner Name: Town Falson Mail Address: 16845 5. Huv211 Phone Number: 829-THE PROPERTY OWNER WHERE TREATMENT WILL OCCUR MUST SIGN AND DATE THE FOLLOWING STATEMENT: As the owner of the property listed above which is proposed to be used as a petroleum contaminated soil treatment area, I agree that only petroleum contaminated soils from the UST cleanup project listed above will be allowed to be deposited and treated on this property. I agree that this is a one-time only use of this property for this purpose. I, or a representative for me, have confirmed that this activity is compatible with local land use ordinances. I

Signature: John Fuson Date: 7-18-93

also understand that I may be jointly responsible and liable for any future

This signed statement must be included with the Soil Treatment Plan.

problems arising from this treatment project.

PROPERTY OWNER STATEMENT FINAL SOIL DISPOSITION

FACILITY INFORMATION

FACILITY INFORMATION
(UST cleanup project where soils originated)
DEQ File Number assigned to site: 03-92-/25
Facility Name: MEADOW BROOK CROCERY
Facility Address: 16845 S. Awy 211
Facility Name: MEADOW BROOK CROCERY Facility Address: 16845 S. Awy 211 Molalla, OR 97038
FINAL DISPOSITION SITE INFORMATION
(Property where treated soils will be placed once treatment is complete)
Site Address: 16845 S. Hay 211
Site Address: 16845 S. Hay 211 10845 S. Hay 211 Tax Lot No.(s): County: C/ACKIAMAS
Tax Lot No.(s): County: C/ACKAMAS
Approximate size of property:
Acres: //3 or Sq. Ft.: or Dimensions:
Property Owner Name: Tow. FRISON
Mail Address: 16845 S. Hwy211 Molnila, OR 97038
Mala-11A, OK 47038
Phone Number: 829-9165
THE DECREES WHERE WHERE THE TENE COLICION IN
THE PROPERTY OWNER WHERE THE TREATED SOILS WILL BE
DEPOSITED MUST SIGN AND DATE THE FOLLOWING
STATEMENT:
As the owner of the property listed above which will receive the treated soil
from the UST cleanup project also listed above once treatment is complete, I
agree to ensure that the soils will be placed on my property such that they are 1) above seasonal high groundwater levels, 2) not located near wetlands or
surface water, 3) not located within a 100 year floodplain, and 4) will be placed
out of human contact or possible exposure. I also understand that I may be jointly responsible and liable for any future problems arising from this soil
disposition activity.
Signature: Jose Suson Date: 7-18-93
This signed statement must be included with the Soil Treatment Plan.

DEPARTMENT OF ENVIRONMENTAL QUALITY - April, 1993



Report Date: July 8, 1993

Job#: TP-930706E-2

PO#: None Provided

Project#: None Provided

Project: Meadow Brook Grocery

State ID #: 4194658

Attention: Tony Frison Meadow Brook Grocery 16845 S. Hwy. 211 Molalla, OR 97038

SAMPLE INFORMATION:

Date Samples Were Received By Laboratory: 07/06/93

Lab No.	Field Identification	Sample Matrix	Date	Time
1 2	South Side North Side	Soil Soil	07-06-93 07-06-93	

ANALYTICAL RESULTS:

Analysis Performed: TPH-G, by the Oregon DEQ Method, Purge-&-Trap, GC/PID.

<u>Parameter</u>	Detection <u>Limit</u>	Sample #1 <u>Results</u>	Sample #2 Results
Gasoline	2.0	ND	ND
Surrogate Recovery	(%)	103	104

Results expressed as mg/kg unless otherwise noted.

ND means none detected at or above the detection limit listed.

Sincerely,

Susan M. Coffey

President

SMC/mlh

This report is for the sole and exclusive use of the above-named client. Samples are retained 15 days from the report date, or until holding time expires. Results pertain only to samples submitted.

Print Date 07/12/93 Time ****

Page 1

COFFEY LABORATORIES INC. SAMPLE CUSTODY REPORT

930706E

User

Sample No 4.4

TimeOut DateOut

User TimeOut DateOut TimeIn DateIn

07/06/93 16:43

07/06/93

07/07/93

07/12/93 Disposal By MAF

SRC location F76

SRC location F76

TimeIn DateIn 16:43 07/07/93

07/12/93

Et m

Disposal By MAF

Samples Returned to Client (Yes / No)

17:33

Samples Relinquished By Irlan

MAL 17:33

Diposal RTC Sample No

Diposal RTC

Samples Relinquished To CLI: Custody

Date 1/12/13 Time 1440

Date 7/293 Time

Oregon

Date: June 30, 1993

DEQ FILE NO: 03-92-125	DEDARENCE OF
	DEPARTMENT OF
Site Name: Meadowbrook Grocery	ENVIRONMENTAL
site Address: 16845 5. Highway 211	QUALITY
Molalla, OR. 97038	
Responsible Party: Toni Frison	
Company: (same)	
Mailing Address:	_
On May 19 , 1993, the Department conducted a of your soil treatment project located at the above s During the inspection, the following items were noted be corrected:	n inspection ite address. that need to
Soil is being stockpiled with no active treatment of there is no fence or security measures in place unauthorized access to the contaminated soil. No liner or the liner is excessively torn. Not contained in a bermed area or berm is inacted damaged. No evidence that the soil is covered during rain no evidence that soil is tilled/turned on a result of the contaminated soil.	e to prevent lequate or in or storms.
Visible evidence that surface water runoff has is likely to occur. THIS MUST BE CORRECTED IMP	
In addition, a review of your file indicates the foll	owing:
Application to treat petroleum contaminated so not been submitted. The UST Permit Addendum to treat petroleum contania expired.	
Failure to properly manage petroleum contaminated soil	is a serious

Failure to properly manage petroleum contaminated soil is a serious problem. If you do not correct the above listed discrepancies, you will be considered to be in violation of OAR 340-122-225(1)(d) and enforcement action will be initiated as appropriate to ensure that compliance is achieved.



In order to avoid enforcement action at this site, the following actions must be completed by ______, 1993:

1. If treatment is to continue, you will need to apply for authorization under a Solid Waste Letter Authorization Permit and demonstrate that the treatment project is in compliance with all requirements. All necessary application materials and guidance documents are enclosed.

OR

2. If treatment is complete, submit copies of analytical data, chain-of-custody records, a final report that documents all actions taken during treatment project duration, and documentation of the final soil disposition.

OR

3. Make firm arrangements to remove the soil to an authorized petroleum contaminated soil treatment facility or to an authorized landfill for treatment/disposal. Send copies of the disposal treatment documentation to this office and/or written notice and verification of plans to do so.

Copies of all pertinent forms and guidance documents have been enclosed.

If you have questions about your soil treatment or UST cleanup project, please contact the Northwest Region UST Duty Officer at (503) 229-5263.

cc:

Oregon

DEPARTMENT OF ENVIRONMENTAL

June 10, 1993

QUALITY

CERTIFIED MAIL NO. 991115328 RETURN RECEIPT REQUESTED

Toni Frision Meadowbrook Grocery 16845 S. Hwy 211 Molalla, OR 97038 DEPT OF ENVIRONMENTAL QUALITY RECEIVED

JUN 1 1 1993

NORTHWEST REGION

RE: Meadowbrook Grocery 03-92-0125

Dear Toni Frision,

You have previously indicated to this Department that your financial condition may preclude an ability to participate fully in the financing of an investigation and cleanup of the Meadowbrook Grocery site. The purpose of this letter is to request financial information. If you are unable to proceed with the investigation and/or cleanup, you must submit the requested financial information. If you fail to submit this information, the Department will assume that you are able to proceed and may take appropriate enforcement actions.

The requested information will be used to evaluate your stated inability to pay in full, and may be used in evaluation of appropriate reimbursement of DEQ's investigation and cleanup costs.

Also enclosed is a copy of DEQ's policy regarding confidentiality. As indicated in the policy, DEQ will maintain confidentiality of the requested information.

As provided in ORS 465.250, information, documents or records relevant to the identity or financial resources of a potentially responsible person shall be made available upon request of the Department. Accordingly, the following information is requested:

- (1) Submittal of completed Statement of Financial Condition form for yourself and all entities you own or with which you are affiliated. Note: In lieu of the enclosed Financial Condition form, you may submit equivalent information in the form of a financial statement or computer printout;
- (2) Complete state and federal income tax information for the preceding three <u>calendar</u> years and, if applicable, complete state and federal income

811 SW Sixth Avenue Portland, OR 97204-1390 (503) 229-5696 TDD (503) 229-6993

DEQ-1

Financial Information Request Page 2

tax returns for the preceding three calendar years for yourself and any entity which you own or for which you filed tax returns; and

- If you do not use the enclosed forms (which require your (3) signature) then send a signed statement attesting that the information submitted accurately reflects your MAND JATHIMMORKWN TO TOPPING TO CONDITION and the financial condition of any corporation or partnership in which you have an active or ALCENED ! operating role.
 - Submittal of the preceding information within forty-five (45) days is requested. Failure to comply with this request is punishable by MINITED TO THE PROPERTY OF INJUNCTIVE action pursuant to ORS 465.250(3) and Please be advised that, if necessary, additional financial information may be requested.

Upon review of the submitted financial information, should the Department concur that you are financially unable to proceed with the investigation and/or cleanup, the Department will decide whether or not to conduct the necessary actions with its own funds. Should the Department spend any state funds on this site, the Department will, to the extent possible, seek to recover those funds.

If you have any questions, please do not hesitate to contact Alan Kiphut, UST Cleanup Section at 229-6834 or Norm King, Policy and Program Development Section at 229-6941.

Sincerely,

Mary Wahl, Acting Administrator Environmental Cleanup Division

Marcie Murphy, ECD cc: Norm King, PPD

Richard Rose, NWR

DEPT OF ENVIRONMENTAL QUALITY

SOIL TREATMENT QUARTERLY REPORT For UST Cleanup Projects JUN 0 4 1993

RTHWE	ST REGION DEQ File Number assigned to site: 03-92-125
	Facility Name: MEADOW BROOK GROCKRY
	Facility Address: 16845 S. Huy 211
	MolA1/A, OR 97038
Trea	tment Site Address: SAME
Comp	lete the following information:
1.	What is the time period covered by this report (month/year):
	From: MAY 1992 To: MAY 1993
2.	Describe the actions taken to enhance soil treatment:
	SOIL WAS PLACED ON DIASTIC AND COVERED DURING RATELY MONTHS - UNCOVERED AND DIET TURNED AND TILLED ONCE A MONTH - DIET UNCOVERED FTURNED DURING S
3.	Y N Leachate has collected within the treatment area. If yes, describe how the leachate was treated or disposed:
4. (All site security measures were observed to be in place. If no, describe actions taken to correct problems:
5.	Y N NA The soil was covered and the cover secured during the following time periods:
	NOV 1-1992 - MAY 1993

SOIL TREATMENT QUARTERLY REPORT FORM - PAGE 2

- 6. Attach a sketch or drawing (does not need to be drawn to scale) of the treatment area that displays:
 - a. The area of the proposed treatment area on the property.
 - b. The location and depth of all samples collected.

7.	Site ins	pectio	ns - not	e the	date	, name	e of	the	indiv	idual	L and	company
	of the											
ě.	made at	each i	nspectio	n for	the	time	perio	od c	overed	l by	this	report:

	made at each inspection for the time period covered by this report.
	RICH ROSE + SHEILA MONROE DEQ INSPECTED
	THE SITE ON WED MAY 19, 1993.
З.	Highest concentration detected in the soil undergoing treatment during this report period:
	Value TPH mg/kg by TPH-G TPH-D 418.1m (circle one)
	Attach a copy of all analytical data and chain of custody forms for ALL samples collected during this report period.
9. (Y N The treatment project is proceeding according to the written plan submitted to the Department.
	If no, explain:
THIS	REPORT WAS PREPARED BY: Date: 5-22-43
	Individual: Towi Freson Phone: 829-9165
	Company: MENDOW DROOK GROCERY
	Address: 16845 S. Huy 211. Mo/4/11, OR 97038

Submit report, attached analytical results and site/sampling diagram to the local DEQ regional office that has jurisdiction for the UST cleanup project that this soil treatment project is associated with.

NOTE: This report (or equivalent) is due on the 1st of January, April, July, and October for the prior three months period for all soil treatment projects lasting longer than three (3) months.

PROPERTY OWNER STATEMENT

FINAL SOIL DISPOSITION

<u>Facility Information</u> - UST cleanup project where soils originated
DEQ File Number assigned to site: 03-92-125
Facility Name: MEADowbRook GROCKRY
Facility Address: 16845 5. Awy 211
Mola 11A OR 97038
Final Disposition Site Information - location where treated soils
will be placed once treatment
is considered complete
Site Address: 16845 S. Huy 211 Molalla, OK 97038
Molalla, OK 97038
Tax Lot No.(s): County:
Approximate, size of property:
Acres: 1/3 or Sq. Ft.: or Dimensions:
Property Owner Name: TON, FRISON
Mail Address: 16845 5. Huy 211 10/14/11 OR 97038
Phone Number: 829-9165
THE PROPERTY OWNER WHERE THE TREATED SOILS WILL BE DEPOSITED MUST SIGN AND DATE THE FOLLOWING STATEMENT:
As the owner of the property listed above which will receive the petroleum contaminated soil from the UST cleanup project listed above once treatment is complete, I agree to ensure that the soils will be placed on my property such that they are 1) above seasonal high groundwater levels, 2) not located near wetlands or surface water, and 3) will be placed out of human contact or possible exposure. I also understand that I may be jointly responsible and liable for any future problems arising from this treatment project.
Signature: Jone Prison Date: 5-22-93

This signed statement must be included with the Soil Treatment Plan.

DEPARTMENT OF ENVIRONMENTAL QUALITY - AUGUST, 1992

BILL OF SALE NO. SCHNITZER STEEL PRODUCTS CO. INTERNATIONAL TERMINAL 12005 N. BURGARD, PORTLAND, OR 97203 723448 MEDWBROOK (503) 286-5771 CONTRACT REPRESEN RRANT THA THIS MATE NUMBER DOES NOT SUBSTANCE DEFINED BY FE ANDIAGREE VENDOR COMMODITY COMMODITY STEEL PROD. CO. AGAI NDEMNIFY NUMBER NUMBER DESCRIPTION CLAIM: GN 26200 6 lb 03:11 PM 06/11/92 T 13640 6 16 03:33 PM 06/11792 DRY 12560 N WET/SNOW BILL OF SALE PRICE EXTENDED I hereby state that I am the lawful owner of the material described WEIGHER hereon, that I have a right to sell same and that for payment received in full, hereby acknowledged, I sell and convey title of same to SCHNITZER STEEL PRODUCTS CO. CARRIER TRACTOR NO. TIME

CUSTOMER

Sister 22-56

DEPT OF ENVIRONMENTAL QUALITY
RECEIVED
JUN 1 0 1993
NORTHWEST REGION

Meadowbrook Grocery 16845 S. Hwy 211 Molalla, Or. 97038

DEPT OF ENVIRONMENTAL QUALITY RECEIVED

JUN 0 3 1993

NORTHWEST REGION

Mr. Rich Rose
D.E.Q.
1500 S.W. First Ave. Suite 750
Portland, Or. 97201-5884

Dear Sir:

As you are a new clean up specialist assigned to Meadowbrook Grocery, I would like to take the time to explain our situation.

In May of 1992, Robert Montgomery Development, hired by Ace Tank and Equipment removed three gasoline storage tanks from the ground at Meadowbrook Grocery. The ground was found to have contamination, I would like to tell you how it got there. There were no holes in the tanks until Montgomery Development broke one tank, he also spilled gasoline into the pit, and all over the ground trying to pour gasoline and sludge into a 55 gallon drum. This was witnessed by an employee. I returned shortly after the tank was pulled and the smell of gasloine was so strong my employee was ill.

Mr. Montgomery said there was ground water that he purged onto the contaminated soil pile. This is totally untrue as I was there and he may have taken a sample, but after he spilled gas into the pit and he did not purge water as he stated because I watched him. He also says the soil samples were taken in sterile glass jars with teflon lids, this is an out and out lie. He asked me for three plastic garbarge bags, which he put the soil in and left in my cooler for several hours. He also states there were no holes in the tanks at the disposal site, which is not true because one tank was almost in half due to his breakage. We have asked Montgomery Development repeatedly to produce receipts from his disposal site which he has not produced. Upon examination at the disposal site it would have proven he ruptured the tank. We requested these reports again May 20, 1993 from Ace Tank and Montgomery Development and still have not received an answer or response.

When we called Mr. Montgomery reguarding all of these problems he denied all of it and said the tank that was not and had not been used for five years was never connected to the island, but in his report he says that tank was connencted to the pumping island. His excuse for the gas being in the ground was that the tank pipe was not connected to the island and that it leaked from that pipe. It is our total belief that contamination was due to a spill and not leakage.

The soil was removed and is now on black plastic located on my property, enclosed by a fence. It is covered with plastic in winter and turned once a month. The soil is uncovered in dry weather. No run-off or contamination has occured.

As to ground water, we have had our well tested two times in the last year for gasoline, and as you can see by the results there is no gasoline in our well. We are the only drinking water source within one and one third acres. We are not contaminatin anyone. We will continue to monitor our well two times a year.

Our plan for the soil is to get samples taken to prove it is clean, and to spread it out right where it is. We cannot afford to do anything else. As far as a \$500.00 fee for keeping the soil here it was not required at the time the soil was placed here and we were told by D.E.Q. that it was okay to have the soil on our property. Shelia Monroe explained we needed to put it on plastic and to cover and turn it, nothing was said about a permit. Our test will prove that the soil is clean and not hurting anyone.

As for the ground water, we cannot afford to do anything about it. We cannot afford monitoring wells or pumps or any of the options given. The water was contaminated by a spill, and we will continue to monitor our well as we are the only water source close by.

I cannot borrow the money to do what you suggest, as no one will loan the money to me while there is a problem with D.E.Q. I cannot sell the store as there is a problem with D.E.Q. I cannot pay the state to clean up as I can just barely pay my obligations now. If the state takes action to clean up and puts a lean on my store it will put my in direct violation of my contract, and I will lose my store and my home.

I am willing to do whatever I can to solve this problem, but there is no money. I will take soil samples and pay the \$250.00 for testing. I will remove the 55 gallon drum or have it removed and taken to an authorized center. After that, there is nothing else I can do at this time and do not see in the near future when I could. If unds become available to me, I will do whatever I can to correct any problem that is left.

I will send the results of the soil samples as soon as I get them. I will also send a receipt showing the disposal of the 55 gallon drum of sludge.

Thank you for considering my letter, it is not my intention to ignore these issues, but lack of funds gives me no choice but to take it one step at a time as finances allow.

Sincerely,

Toni Frison,

owner Meadowbrook Grocery

Jone Trison

CALL FROM TO: Jack & Ton' Frisan	DATE: 6.3	-93
COMPANY/TITLE: Meadoubrook Grocery	TIME: 0934	5-0937
PHONE NO.: 829-9165	(Circle for f	iling)
CITY: Molalla COUNTY: Clackernas	AQ	Asbestos
03-92-125	WQ	oss
	SW	HW
SUMMARY OF CALL: Re: Follow-up from meeting on 5-19-93	General	Spill
letter enroute from Toni said me	ited 6-1-9	3 contente/su
Tack indicated Studge waste dri	m schedre	ed to
be disposed of soon, is attempt.		
tank receipt. Toni is going !	v Clack	amas
Country for soil acration of PC	5 00000	iel and
will then submit Permit App. 5		
Wagte Letter Arthor.		
Jack said samples of PCS	heap wer	e
submitted to lab I reminded		
where samples token and to		
quarterly treatment reports.		
6.3.93 Bob Montgoners; will F.	AX Schnitz	cer Tank
disposal receipt ASAP		
RH Rose		
Si	gnature	

UST FIELD INSPECTION REPORT

Site Name: Mgadowbrook (-rocery Da	ate: <u>5-19-93</u> Total Time*: 4 hu
Site Address: 16845 Highway 211 *I	Include inspection, travel, paperwork
File/Facility No.: 03-92-125 7673 In	nspector: Sheila Monroe/Richard Pose
Others Onsite:	Install/RetroDecommissionUST FacilityDistrib. Audit
Health & Safety Potential Site H	Soil Aeration
Hazards Appraised? Y / N	Excav. Closure FAP Application
Benzene Monitoring? Y / N (use NOTES if more r	room needed) FAP Site? Y / N
INSPECTION RESULTS - IN COMPLIA	ANCE? Y /N/ NA Mot
Plan View STTE SKETC (as appropri	iate)
	LES TAKEN? Y / N (attach results)
NOTES (use back of form as necessary)	
the parking lot area to yard oil Not covered at time of inspervisqueen. RP said no vapors pres	in behind home reported ection, although was on

INSPECTION NOTES: (cont.)

periodically be would dig into a mix soil with shovel.
Spoke with Toni & Jack Frison for 4-134 hrs. Covered topics listed in lotter from Andre P. 3/15/93.
Described receipts necessary for tank disposal Ace Tank & Equip or Montgomery should be able to provide receipts (Tack will contact) 2) Explained sampling process and requirements, provided PCS packet and went through application and forms. Informed of \$500 permit fee
3) Provided Clean-up Rules Manual Suggested they read it, explained enforcement provided
Emphasized ped to install Monitoring wells, Discussed costs, construction and purpose. Jack seemed inclined to install wells himself. 5) Reviewed DEQ Cost Recovery invoice, described recovery
Tream of charges from this visit. Concluded meeting with confirmation of receipt submitteds and financial copability letter to complete clean up. Emphasized that to do nothing was nappropriate
clean up. Emphasized that to do nothing was inappropriate

Meadowbrook Grocery Molalla, OR FILE # 03-92-125



Photograph of PCS heap at Meadowbrook Grocery Taken 5-19-93 facing N-NE Weather: Rain

March 15, 1993

MR JACK FRISON MEADOWBROOK GROCERY 16845 HIGHWAY 211 MOLALLA OREGON 97038 DEPARTMENT OF
ENVIRONMENTAL
QUALITY

NORTHWEST REGION

Re: File No. 03-92-125 Meadowbrook Grocery

Dear Mr. Frison:

The Department hasn't received any information from you regarding your plans for cleanup of the gasoline underground storage tank release discovered at the Meadowbrook Grocery located at 16845 Highway 211 in Molalla, Oregon.

From my telephone conversations with you, financial concerns may limit what can be accomplished at the site. The Department is interested in working with you, within your limitations, in order to resolve the cleanup concerns. To do this we would like to set up a meeting at the site to discuss the outstanding issues. Please pick a date and time that would work best for you and get back to me. I will be unavailable after March 26, so if we could meet before then, I would appreciate it.

The outstanding issues that need to be discussed are:

- 1. The Department has never received the tank and sludge disposal receipts.
- 2. Approximately 35 cubic yards of contaminated soil is stockpiled onsite. The Department doesn't know your plans for this soil. The appropriate forms have not been submitted. I have enclosed our current information concerning our requirements for stockpiling and treating contaminated soil.
- The information submitted to date indicates that significant concentrations, up to 4,900 parts per million, of gasoline is present in the soil at the site. Gasoline constituents were detected in a water sample from the excavation. The sample contained 6,900 parts per billion (ppb) benzene; 11,000 ppb ethylbenzene; 11,000 ppb toluene; and 63,000 ppb xylenes. These concentrations are well above the drinking water standards for these constituents of 5 ppb, 700 ppb, 1000 ppb, and 10,000 ppb, respectively.
- 4. Meadowbrook Grocery currently uses a well onsite. Based upon the information submitted to date, the well is within 80 feet of the former underground

1500 SW First Avenue Suite 750 Portland, OR 97201-5884 (503) 229-5263 DEO-1 Mr. Jack Frison March 15, 1993 Page 2

> storage tank location. It is possible that continued use of the well may pull gasoline contamination into it. In order to prevent this, it is important that cleanup be initiated as soon as possible.

I am looking forward to meeting with you. If you have any questions in the meantime, please call me at (503) 229-6385 extension 226.

Sincerely,

Andree Pollock

UST Cleanup Specialist

Northwest Region

Enclosures

cc: UST Cleanup Section, ECD

CALL FROM TO	Jock Frison	DATE: _	2/23/93
COMPANY/TITLE:	mendow Brook GroCery	TIME: _	
PHONE NO.:	829-9165 (829-8609)	(Circle	for filing)
CITY:	COUNTY:	AQ	Asbestos
	0392-125	WQ	OSS
		SW	HW
		General	Spill
SUMMARY OF CALL			
2/24/93	Ceft mesage I returned his cal		
-			
	Sic	gnature	

CALL FROM TO Jack Frison	DATE: 11/16	192
COMPANY/TITLE: Meg 2000 brook	TIME:	
PHONE NO.: 829-9165	(Circle for	filing)
CITY: COUNTY:	AQ	Asbestos
	WQ	oss
03-92-125	SW	HW
CYPROLITY OF CALL	General	Spill
SUMMARY OF CALL:	L A	
I indicated that, based up		
the site that it was un		
Conduct any work. If. Sig	supreant imports were	e to
occur, then the state might	x respond on an en	renging bosis
asked why he boshit in	Sister intent in	Jun_
financial assistant progr		
he bodit heard any this		
him Barbara an Oersons	+ # #	ð"
Jum Durchard description	vac s	
11/2/92 0.11.2 B-bax A.	Carolina Vachu	170054
16/92 Called Barbara Andreso		
it he doesn't call my the we	at several days, stel	2 gwl
him a cell		
	\sim 0.00	
	de Pollock	
	Signature	

CALL FROM TO: Jack Frison	DATE: ////	3/92
COMPANY/TITLE: Mendow brook Grocery	TIME:	
PHONE NO.: 829-9165	(Circle for f	iling)
CITY: COUNTY:	AQ	Asbestos
	WQ	oss
03-92-125	SW	HW
	General	Spill
SUMMARY OF CALL:		
plans for addition cleanup - do		
- right now - depends on when he can	save enoug	h to
do the work maybe 3-6 months	, may be y	ears
The vert 6 mon the in The worst bu	isins wise	for
1 tem.		
Explained that if they can't proceed	with clogn	чр
eight now the state may decide to		
was very untappy with the Idea of		
the cleaning lead.		#
Will send letter.		
Classe Por	Clock	
Sig	nature	

03-92-125 FILE#

Oregon Department of Environmental Quarry UNDERGROUND STORAGE TANK DECOMMISSIONING/SERV	
deq facility number: $\frac{7673}{}$	DATE: <u>16-5-9</u> 2
FACILITY NAME: MEADOWBROOK GROCERY	
FACILITY ADDRESS: 16845 SW HWY 21	
MOLALLA, DR97038	
PHONE: (503) 829-9/65	
The following information <u>MUST</u> be submitted by the underground storage tank owner, opera 30 days following completion of the tank decommissioning or changing tank contents to a non 001 though -150)	regulated substance. (OAR 340-150
The attached supplemental checklist should be prepared by the person performing the decomprovided to DEQ and the tank owner to demonstrate that all required practices were followed	nmissioning. The checklist should be d.
Ordinarily the checklist is filled out by the DEQ licensed Service Provider or Supervised decommission a tank must follow all DEQ and other applicable standards. The owner should to starting the decommissioning to receive current copies of underground storage tank regular. A. DATES: Decommissioning/Service Change Notice - Date Submitted: 2/12/92 (30 days before where the submitted: 4/23/92 (30 days before where the submitted: 4/28/92 (30 days before where the submi	work starts) before work starts) Left Regional Office price tions. WORLENGTH AND THE STARTS AN
Note: Provide the following information if any soil or water contamination is found during the description be reported by the UST owner or operator within 24 hours. The licensed service provider must after discovery unless previously reported.	st report contamination within 72 hou
Date Contamination Reported: 4/19/ By: 1888 11000 150.	sery IR.
DEQ Person Notified: Julie hut Adole Backfill Telephone Notice - Date Called: 4/29/ (before backfilling) — MA	
	THER OF SAFETY
DEQ Person Notified:	
B. PERMITS: NA-	
Note: DEQ permits or an addendum to the UST permit(s) may be needed where soil or water	er cleanup is required.

DEQ Water Discharge Permit #: ______ Date: _____

Disposed to (Location): DEQ Solid Waste Disposal Permit #: ______ Date: _

July 1, 1991 Oregon DEQ UST Decommissioning/Change-in-Service Repoll ST Compliance Section of 4

Department of Environmental Quality

B. PERMITS (Continued)
--------------	------------

	, (C	ontainded)				
UST	Soil	Treatment Permit Addendum - Type:		Date:		_
77.7						
.1		Soil Disposal or Treatment Location: _	•			

C. TANK INFORMATION:

Tank		Tank Size in (Gallons)	Product: Gas	Product: Gasoline, Diesel, Used Oil, Other?		sure or Service Change?			o be
#	UST Permit		Diesel, Used	OII, Other?	Tank	Closure	7 5		
			Present	New	Removal	Inplace	Product	Yes*	No
1	FFEC	2,000	GAS		R				10
			GAS		(8)			x. 37. 3	8
3	FFED FFEE	550	GAS		®				(K)

- * Where decommissioned tank(s) are replaced by new underground storage tanks the UST owner or operator must submit a new permit application containing information on the new tanks 30 days before placing them in service.
- ∞ Submit a soil sampling plan to the DEQ regional office and receive plan approval prior to starting work if 1) tank is to be decommissioned in-place, 2) tank contents are changed to a non-regulated substance, or 3) tank contains a regulated substance other than petroleum.

D. DISPOSAL INFORMATION:

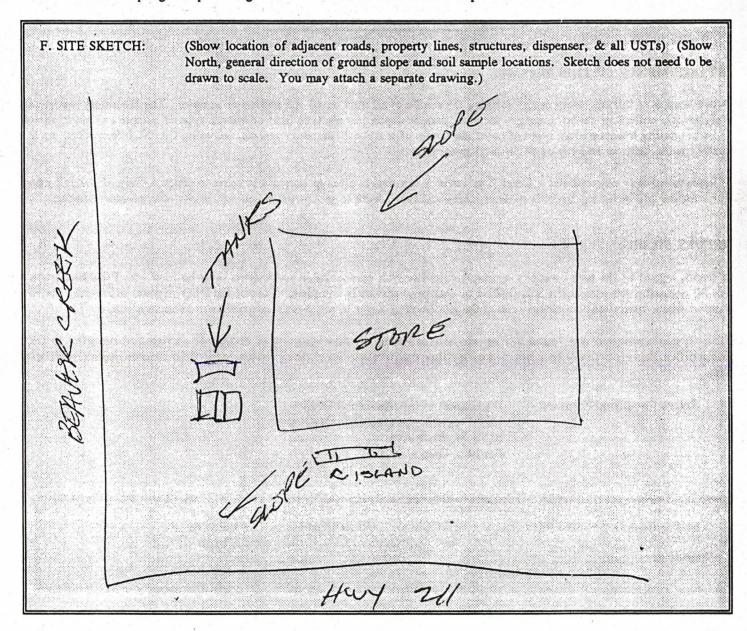
Tank	ank Tank & Piping Disposal Method		Disposat Location of Tank Contents			
	Scrap	Land- fill	Other	Identify Location & Property Owner	Liquids	Sludges
/	V				ONSHE	ч
2	/				ON SITE	ч
3	1				ONSTITE	fi
7						

^{*} Note: The tank contents, the tank and the piping may be subject to the requirements of Hazardous Waste regulations. If you have questions, contact the DEQ Hazardous Waste Section at (503) 229-5913 or DEQ regional office hazardous waste staff.

E. CONTAMINATION INFORMAT

	water	odor in	Product stains in soil?	Number of Samples	Laboratory (Name, City, State, Phone)
		V	V	2	COCREY
2		V	4	2	Ü
3		~	1/	2	ıl
				4	

* Note: Sampling is required if groundwater is encountered. See cleanup rules.



G. WORK PERFORMED BY:	
DEQ Service Provider's L	icense #: 1006 Construction Contractors License #:
	Name: MONTGOMERY DEVELOPMENT CO. INC.
Te	elephone: 608-1844
DEQ Decommissioning Supervisor's L	icense #: <u>10377</u>
	Name: BOB MONDY-SMORLSM
Te	elephone: <u>668-4847</u>
	icense #: (If applicable)
	Name:
Te	elephone:
DEQ Soil Matrix Supervisor's L	icense #: (If applicable)
불쾌성이다면서 그리고 살이 보셨다	Name:
Te	elephone:
H. ATTACHMENTS TO THIS REPO	RT:
aboratory name, address and copies of c 2. If contamination is detected and a Leganalysis for the site including methods of	vel 2 or Level 3 soil matrix cleanup standard is selected attach a copy of the soil matrix determining soil type, depth to groundwater, and sensitivity of uppermost aquifer.
	이 그림에 보면 있는 사람이 하는 사람이 되었다. 그렇게 하고 있다.
. REPORT FILING:	
within 30 days after the excavation is bach his report where special circumstances e	operator, complete with all applicable attachments must be filed with DEQ headquarters ckfilled or change-in-service is complete. Contact the DEQ regional office prior to filing xist at the site (such as water in pit, remaining pockets or contamination, etc.). uring site assessment at decommissioning or change-in-service and reported to DEQ
regional office, this report may be subm s first.	itted with either the first interim cleanup report or the final cleanup report, whichever
Return Completed Form to:	Department of Environmental Quality
	UST Program - Decommissioning Report 811 S.W. Sixth Ave.
	Portlane, Oregon 97204
I have personally reviewed this re	port and the attachments and find them to be true and complete.
9	<u>_</u>

For information: (503) 229-5733 or Toll Free in Oregon 1-800-452-4011

(Owner or Operator)

July 1, 1991 Oregon DEQ

03-92-125 FILE#

DEQ FACILITY NUMBER: 7673 FACILITY NAME: MEADOWBROOK GROCERY FACILITY ADDRESS: 16845 SW HWY 241 MOLALLA, OR 97038 PHONE: (503) 829-9165	DATE: (6-5-	<u> </u>	
A. SAFETY EQUIPMENT ON JOB SITE: Fire Extinguisher: Type/Size:	Calibrati	ion Date:	6-	10-9 1-9:
B. DECOMMISSIONING: All Tanks: (Unk. = Unknown, N/A = Not Applicable) (Check Appropriate Box)	Yes	No	Unk	N/A
1. All electrical equipment grounded and explosion proof?				
2. Safety equipment on job site?	V			1
3. Overhead electrical lines located?	V			
4. Subsurface electrical lines off or disconnected?	V			
5. Natural gas lines off or disconnected?				V
6. No open fires or smoking material in area?	, u			
7. Vehicle and pedestrian traffic controlled? Department of Environmental Quality				
8. Excavation material area cleared?	W			
9. Rainwater runoff directed to treatment area?		1/4		4
10. Drained and collected product from lines? UST Compliance Section	U			
11. Removed product and residual from tank?	W	- 3		
12. Cleaned tank?	V			
13. Excavated to top of tank?	V			
14. Removed tank fixtures? (pumps, leak detection equip.	V			
15. Removed product, fill and vent lines?	i			
C. TANK ABANDONMENT IN-PLACE:		1 V		
16. Sampling plan approved by DEQ? Date: DEQ Staff:				

Oregon Department of Environmental Quality UNDERGROUND STORAGE TANK DECOMMISSIONING CHECKLIST

B. DECOMMISSIONING: All Tanks: Tank. = Unknown, N/A = Not Applicable) (Check Appropriate Box)	Yes	No	Unk	N/A
17. Contamination concerns fully resolved?		V		
18. Fill Material? Type: FEA PECK	V			200
D. TANK REMOVAL:				
19. Tank placement area cleared, chocks placed?	V			
20. Purged or ventilated tank to prevent explosion? Method used: Meter reading:	v			
21. No chains or steel cables wrapped around tank for removal?				
22. Tank removed, set on ground, blocked to prevent movement?				-
23. Tank set on truck and secured with strap(s)?	V	7 D		
24. Tank labeled before leaving site?	1/	7		
E. SITE ASSESSMENT:				
25. Site assessed for contamination? See OAR 340-122-340		V		
26. Soil samples taken and analyzed?	1			- 147
27. Decommissioning/Change-in-Service report sent to DEQ?	4			
28. Was contamination found? Date/Time:	V			
29. Was contamination reported to DEQ? By: BOBAR- Date/Time: 4/29/9-2 DEQ Staff: JULIE MANDES	V		W _a	
30. Was hazardous waste determination made for tank contents (Liquids/sludges)?		V		
31. Disposal location of tank(s) contents. Name: Name: Address: STORED AT MEADOW BROW Attach disposal receipt.	6N	Si	TE	
32. Disposal or recycling location of removed tank(s) and associated piping.				
Name: SEHVITZEN Date: 78 BE DE	STER	MIL		
Address:				
Attach disposal receipt.				
33. If tank(s) are intended to be reused, identify new tank site.				
Name: Date:				
Address:				
Purpose of Reuse:				

F. WORK PERFORMED BY:	
DEQ Service Provider's License #:	10266
Name:	MONTOONERY DEVELOPMENT CO. PAR
Telephone:	1008-4847
DEQ Decommissioning Supervisor's License #:	10377
Name:	ROBERT MONTEOMERY JR
Telephone:	669-4847

E. CHECKLIST FILING:

- 1. Provide copy of checklist to the UST owner and operator.
- 2. Send completed checklist to the DEQ headquarters within 30 days after the excavation is backfilled.

NOTE: If contamination was found during decommissioning and reported to DEQ regional office, this report may be submitted with either the first interim cleanup report or the final cleanup report, whichever is first.

Send Completed Form to:

Department of Environmental Quality
UST Program - Decommissioning Checklist

811 S.W. Sixth Ave. Portland, Oregon 97204

I have personally reviewed this decommi		
Signature: (Lieensed Supervisor)	Date: 67-9:	_
Signature: (Owner or Operator)	Date:	_

For information: (503) 229-5559 or Toll Free in Oregon 1-800-452-4011



DEPARTMENT OF **ENVIRONMENTAL** QUALITY

Toini Caffall 16845 SW Hwy 211 Molalla, OR 97038

Dear Tank Owner:

The Department of Environmental Quality (DEQ) received notice that you intended to remove some or all of your underground storage tanks at least 30 days ago, at your facility #7673. As part of your packet of information on the decommissioning, you received a Decommissioning Service Change Report and a Decommissioning Checklist. These reports were to have been completed and returned to the Department 30 days after the decommissioning was done.

If these reports are not received by November 30th you will receive a UST annual compliance invoice for 1993. To avoid this, please submit these reports as soon as possible.

Enclosed you will find a copy of the requested reports. Please complete and return the reports to the Department as soon as possible. If you have any further questions please feel free to call me at 229-5733.

Sincerely

Cindy Salter

Office Specialist **UST** Compliance

Cindy Salter

Hazardous & Solid Waste

enclosures

I have enclosed Copies of the original reports sent to you an 6-5-92. The arizinals are at DEG as we have talked to people there and they said they have them Meadow hwak Gricery Toni Grisor

Portland, OR 97204-1390 (503) 229-5696 TDD (503) 229-6993 DEQ-1

811 SW Sixth Avenue



03-92-125 9-16-92

Dear Sus:

Enclosed Please find a Copy of the results of the Water test at Meadow brook Leocery shouring there is no Water Contamination

> Thank You Tone Freson

DEPT OF ENVIRONMENTAL QUALITY
RECEIVED
SEP 1 7 1992
NORTHWEST REGION

Certified Lab # 008

TEST RESULTS

2609 - 12th Street S.E. Salem, Oregon 97302 (503) 363-0473 FAX (503) 363-1051

TO: Meadowbrook Grocery 16845 S. Hwy. 211 Molalla, OR 97038 MEAGRO

PO#:

SAMPLE POINT: Counter Sink

DATE/TIME COLLECTED: 7/15/92 10:00 AM

COLLECTED BY: Toni Frison DATE RECEIVED: 7/15/92 LAB REPORT #: 920715-015

Test	Results	Units	Date	Tech	Method
BETX Testing		7-73		mim	EPA8021
Ethylbenzene Benzene	<0.0005 <0.0005	mg/1	7/28/92 7/28/92	mjm mim	
Toluene	< 0.0005	mg/l	7/28/92	mjm	
Xylenes, Total	<0.0005	mg/1	7/28/92	mjm	
Surrogate Recovery,	101	%			

ND means No Detection at specified limit.
NA means Not Applicable

SM = "Std. Methods for the Examination of Water and Wastewater" EPA = "Methods for the Chemical Analysis for Water and Wastes" < = Less Than // > = Greater Than

Date Reported: 7/28/92



Job#: GE-920502A-9

Montgomery Development Page 4

Analysis Performed: BTXE in water by EPA Method 602, GC/PID

ANALYTE	DETECTION LIMIT	LABORATORY BLANK	SAMPLE #9 RESULTS
Benzene	5,000	ND	6,900
Ethylbenzene	5,000	ND	11,000
Toluene	5,000	ND	11,000
Total Xylenes	5,000	ND	63,000

Results expressed as $\mu g/L$ unless otherwise noted.

ND means none detected at or above the detection limit listed.

COFFEY LABORATORIES INC.

12423 N.E. WHITAKER WAY, PORTLAND, OR 97230 (503) 254-1794 • FAX (503) 254-1452



COFFEY LABORATORIES - PENDLETON BRANCH

287 S.E. FIRST, PENDLETON, OR 97801 (503) 276-0385

CHAIN OF CUSTODY

PROJECT #:	PROJECT NAME: MEDOW BROOMER	r STORE	P.O. #:			of P.EASE PRINT OR TYP	IUN	LABORATORY USI	E ONLY
COMPANY NAME REPORT ATTENT			,				JOB #:	72050)2-A
SAMPLES COLL							CUSTABBR:	ntgome	ery •
FIELD IDENTIFIC	ATION:	LAB LOC ID	COLLE	CTION TIME	MEDIA		ANALYSIS REQUESTED		ANALYSIS REMARKS
#	/		4-30.92		SOIL	TPH-G			
H ;	2		11)(
# 3			11	11					
# 4			11	11					
# 5			11	11					
# 6			11	1(
# 7			10	11					
		1 Sec. 14 - 14 9.	. 11	17		- F			
IF9			11	(1	WATER	BTEX			· ·
	2762					* · ·	1		
	5			-0-3					*
*									
RELINQUISHED E	BY: Robert prom	Day of	DATE TIME	RECE	IVED BY:		DATE/TIME	LAB USE:	
RELINQUISHED E			DATE/TIME	RECE	EIVED BY LAB:	restor.	Biskholde	TIME 3/2/1	72 1320
SAMPLE REMAR	KS:			L	EVEL 1	2 3	4 EXPRESS UPS	MAIL CXX GR	REY TAXI LAB
WHITE COPY - CO	OFFEY LABORATORIES			Lancian Control				PINK COPY	(- CLIENTS COPY

SHADED AREA FOR LABORATORY USE ONLY
CHAIN OF CUSTODY INSTRUCTIONS ON BACK OF PINK COPY

CALL FROM/TO: Yack Frison	DATE: 8-	25-92
COMPANY/TITLE: Meadonbrook brucery	TIME:	10-
PHONE NO.:	(Circle fo	r filing)
CITY: COUNTY:	AQ	Asbestos
Meadon brook.	WQ	OSS
03-92-125	SW	. HW
SUMMARY OF CALL:	General	Spill
Water well was ND for BTEX + gas	on 7-	28-92
Tack ful that the contractor control		
He saips that no water entered the exce		
told him to submit a letter document		
of servations. + submit The results of	mater ;	testing).
		J
Shale a Mons	17	
S1	gnature	

Oregon

DEPARTMENT OF

1992 ENVIRONMENTAL

QUALITY

July 13, 1992

Meadowbrook Grocery 16845 South Highway 211 Molalla , OR 97038

Re: Recovery of DEQ Oversight Costs MEADOWBROOK GROCERY 16845 S.W. HWY 211

> MOLALLA , OR 97038 LUST ID Number: 3 92 0125

The purpose of this letter is to provide notification that you will be receiving an invoice from the Department of Environmental Quality (DEQ) for costs of DEQ oversight activities at this facility.

Oregon law (ORS 465.330) requires the DEQ to recover all reasonable costs associated with the investigation and cleanup of contaminated sites.

After the initial invoice, you will receive a monthly invoice for Department oversight activities, unless the total oversight costs are below \$100. For accounts less than \$100, the Department will invoice quarterly.

Enclosed is the fact sheet on cost recovery, which briefly describes the program used by the Underground Storage Tank Cleanup Program.

Should you have any questions about DEQ's cost recovery program or your invoice, please contact Darby Bacon at (503) 229-6635, or toll free at 1-800-452-4011. Other questions regarding the cleanup status of the site should be directed to the DEQ regional office handling oversight of the cleanup.

Sincerely,

Lon Revall

Manager - UST Cleanup Program
Department of Environmental Quality

Enclosure LJR:djb

cc: Regional office Business Office

811 SW Sixth Avenue Portland, OR 97204-1390 (503) 229-5696 03-92-125 FILE#

Oregon Department of Environmental Quality UNDERGROUND STORAGE TANK DECOMMISSIONING CHECKLIST DEQ FACILITY NUMBER: 7673 DATE: 6-5-92 FACILITY NAME: MEADOWBROOK GROCERY

FACILITY ADDRESS: 16845 SW HWY 211

MOLALLA, OR 97038

PHONE: (503) 829-9165

A. SAFETY	EQUIPMENT	ON JOI	SITE:
-----------	------------------	--------	-------

A. SAFETY EQUIPMENT ON JOB SITE:				
Fire Extinguisher: Type/Size: ABC 1816	Rechar	ge Date:	5-	10-9
Fire Extinguisher: Type/Size: ABC 1816 Combustible Gas Detector: Model: GASTEL	Calibratio	on Date:	6-1	1-97
Oxygen Analyzer: Model:	Calibrati	on Date:		-
B. DECOMMISSIONING: All Tanks: (Unk. = Unknown, N/A = Not Applicable) (Check Appropriate Box)	Yes	No	Unk	N/A
1. All electrical equipment grounded and explosion proof?				
2. Safety equipment on job site?	-			
3. Overhead electrical lines located?	V		*	
4. Subsurface electrical lines off or disconnected?	V			-
5. Natural gas lines off or disconnected?		-		~
6. No open fires or smoking material in area?	V			
7. Vehicle and pedestrian traffic controlled?				
8. Excavation material area cleared?	1			
9. Rainwater runoff directed to treatment area?		W 100 1		4
10. Drained and collected product from lines?	-			
11. Removed product and residual from tank?	~			
12. Cleaned tank?	~			
13. Excavated to top of tank?	V			
14. Removed tank fixtures? (pumps, leak detection equip.	V			
15. Removed product, fill and vent lines?	i			
C. TANK ABANDONMENT IN-PLACE:				
16. Sampling plan approved by DEQ? Date: DEQ Staff:				1013

B. DECOMMISSIONING: All Tanks: (Onk. = Unknown, N/A = Not Applicable) (Check Appropriate Box)	Yes	No	Unk	N/A
17. Contamination concerns fully resolved?		V		
18. Fill Material? Type: PEA PEK	V		444	
D. TANK REMOVAL:		76		4
19. Tank placement area cleared, chocks placed?	V			1.9
20. Purged or ventilated tank to prevent explosion? Method used: Meter reading:	V	KI		
21. No chains or steel cables wrapped around tank for removal?		11-616		
22. Tank removed, set on ground, blocked to prevent movement?				-
23. Tank set on truck and secured with strap(s)?	V			
24. Tank labeled before leaving site?	V			1 7-
E. SITE ASSESSMENT:				
25. Site assessed for contamination? See OAR 340-122-340	Fast, to 11.	1		
26. Soil samples taken and analyzed?	V			
27. Decommissioning/Change-in-Service report sent to DEQ?	V			
28. Was contamination found? Date/Time:	V			V. St.
29. Was contamination reported to DEQ? By: BOBHC-Date/Time: 1/29/9-2 DEQ Staff: JULIE MANGERS	V			1
30. Was hazardous waste determination made for tank contents (Liquids/sludges)?		U		
31. Disposal location of tank(s) contents. Name:	62	Si	TE	
32. Disposal or recycling location of removed tank(s) and associated piping. Name:	STER	my	JED	
Attach disposal receipt.				
33. If tank(s) are intended to be reused, identify new tank site. Name: Date:				
Purpose of Reuse:				

F. WORK PERFORMED BY:

DEQ Service Provider's License #: 10 % 6

Name: MONTOOMERY DEVELOPMENT CO. ZNC.
Telephone: 1068-4847

E. CHECKLIST FILING:

- 1. Provide copy of checklist to the UST owner and operator.
- 2. Send completed checklist to the DEQ headquarters within 30 days after the excavation is backfilled.

NOTE: If contamination was found during decommissioning and reported to DEQ regional office, this report may be submitted with either the first interim cleanup report or the final cleanup report, whichever is first.

Send Completed Form to:

Department of Environmental Quality

UST Program - Decommissioning Checklist

811 S.W. Sixth Ave. Portland, Oregon 97204

I have personally reviewed this decommissioning	checklist and find it to be true and complete.
Signature: (Lieensed Supervisor)	Date: 67-92
(Lieensed Supervisor)	
Signature:	Date:
(Overse or Operator)	

For information: (503) 229-5559 or Toll Free in Oregon 1-800-452-4011

03-92-125 FILE#

UN	DERGROUND STORAGE TANK DECOMMISSION	
DE	eq facility number: 7673	DATE: 16-5-92
	FACILITY NAME: MEADOWBROOK GRO	ŒRY
	FACILITY ADDRESS: 16845 SW HWY 2	
	MOLALLA, DR 9703	
	PHONE: <u>(503)</u> 829-9/65	
30 days fo 001 though The attach	wing information MUST be submitted by the underground storage ta ollowing completion of the tank decommissioning or changing tank of the -150) hed supplemental checklist should be prepared by the person perforation DEQ and the tank owner to demonstrate that all required practice	contents to a non-regulated substance. (OAR 340-150 rming the decommissioning. The checklist should be
Ordinarily decommiss	y the checklist is filled out by the DEQ licensed Service Providesion a tank must follow all DEQ and other applicable standards. They the decommissioning to receive current copies of underground sto	ler or Supervisor. Owners who wish to personall e owner should contact the DEO Regional Office prio
A. DATE	CS:	
Decommis	ssioning/Service Change Notice - Date Submitted: 2/12/92 (30 days before work starts)
	Work Start Telephone Notice - Date Submitted: 4/23/92	
	DEQ Person Notified:	
	Date Work Started: 4/28/9	~
	Date Work Completed: 4/29/9	2
be reported	evide the following information if any soil or water contamination is for by the UST owner or operator within 24 hours. The licensed service overy unless previously reported.	ice provider must report contamination within 72 hour
	Date Contamination Reported: 4/19/ By: 1505/	invisouery JR.
Backfill	DEQ Person Notified: Julie Mathematical Telephone Notice - Date Called: 4/29/ (before backfilling	1) - MATTER OF SAFETY
	DEQ Person Notified:	
B. PERM	IITS: WA-	
Note: DE	Q permits or an addendum to the UST permit(s) may be needed when	nere soil or water cleanup is required.
I	DEQ Water Discharge Permit #: Date:	
	Disposed to (Location):	

DEQ Solid Waste Disposal Permit #: ______ Date:

R	PERMITS	(Continued)
D.	TELLINITE	(Commune)

UST Soil Treatment Permit	Addendum - Type:	Date:
Soil Disposal or Tr	eatment Location:	eleta de de la composición del composición de la composición de la composición de la composición del composición de la c

C. TANK INFORMATION:

Tank	_		Product: Gasoline, Diesel, Used Oil, Other?				or Service	Tank to be Replaced?	
#	UST Permit	in (Gallons)	Present	New	Tank Removal	Closure [®] Inplace	New © Product	Yes*	No
1	FFEC.	2,000	GAS		R				(Q)
		1,000	GAS		(R)				8
3	FFED FFEE	550	GAS		₩.				W
Selver (1.20				1 2 2 2	

- * Where decommissioned tank(s) are replaced by new underground storage tanks the UST owner or operator must submit a new permit application containing information on the new tanks 30 days before placing them in service.
- ∞ Submit a soil sampling plan to the DEQ regional office and receive plan approval prior to starting work if 1) tank is to be decommissioned in-place, 2) tank contents are changed to a non-regulated substance, or 3) tank contains a regulated substance other than petroleum.

D. DISPOSAL INFORMATION:

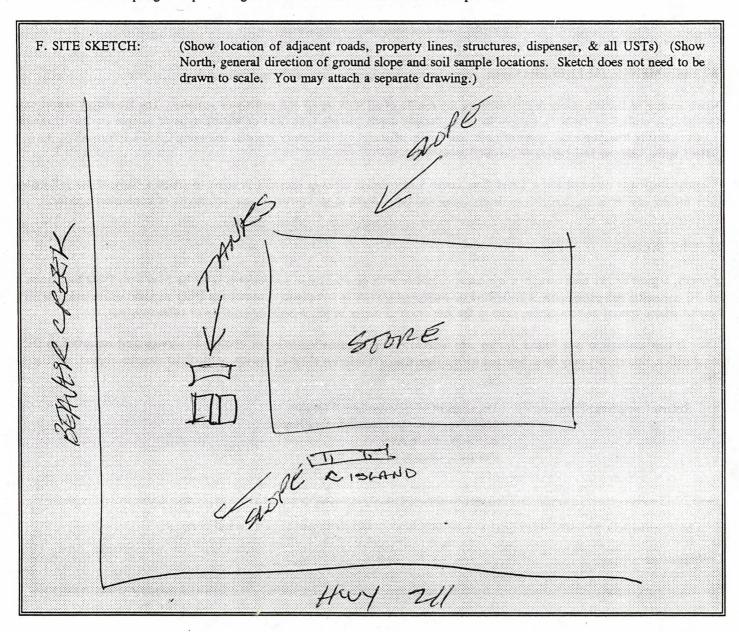
Tank #	Та	ank & E	Piping	Disposal Method	Disposal Location	of Tank Contents	
"	Scrap	Land- fill	Other	Identify Location & Property Owner	Liquids	Sludges	
1	V				ONSITE	4	
2					ONSITE	4	
3	1				ONSTITE	<i>f</i> 1	

^{*} Note: The tank contents, the tank and the piping may be subject to the requirements of Hazardous Waste regulations. If you have questions, contact the DEQ Hazardous Waste Section at (503) 229-5913 or DEQ regional office hazardous waste staff.

- E. CONTAMINATION INFORMATI

	water	odor in	married and the second of the	Number of Samples	Laboratory (Name, City, State, Phone)
1	c	V	U	2	COLPEY
2		V	4	2	U
3		1	11	1	el
			7.	No.	
				4-	

^{*} Note: Sampling is required if groundwater is encountered. See cleanup rules.



DEQ Service Provider's License #	e: 100 6 Construction Contractors License #:
	: MONTEOMERY DEVELOPMENT CO, INC.
Telephone	: 668-1824
DEQ Decommissioning Supervisor's License #	
Name	: BOB MONTHONERCEM
Telephone	: 669-4847
DEQ Soil Matrix Service Provider's License #	
	:
	:
DEQ Soil Matrix Supervisor's License #	
Name	
Telephone	
Acces the best to conquit comment	and the second selection of the feet of the second
H. ATTACHMENTS TO THIS REPORT:	
2. If contamination is detected and a Level 2 or malysis for the site including methods of determination.	Level 3 soil matrix cleanup standard is selected attach a copy of the soil matrix ining soil type, depth to groundwater, and sensitivity of uppermost aquifer.
. REPORT FILING:	
within 30 days after the excavation is backfilled	or, complete with all applicable attachments must be filed with DEQ headquarters or change-in-service is complete. Contact the DEQ regional office prior to filing the site (such as water in pit, remaining pockets or contamination, etc.).
NOTE: If contamination was found during si	te assessment at decommissioning or change-in-service and reported to DEQ
regional office, this report may be submitted wi s first.	th either the first interim cleanup report or the final cleanup report, whichever
s first.	
Return Completed Form to: Departure UST	rtment of Environmental Quality Program - Decommissioning Report
Return Completed Form to: Depar UST 1 811 S	Program - Decommissioning Report .W. Sixth Ave.
Return Completed Form to: Depar UST 1 811 S	rtment of Environmental Quality Program - Decommissioning Report
Return Completed Form to: Depar UST 1 811 S	rtment of Environmental Quality Program - Decommissioning Report .W. Sixth Ave.
Return Completed Form to: Depar UST 1 811 S Portla	rtment of Environmental Quality Program - Decommissioning Report .W. Sixth Ave.

For information: (503) 229-5733 or Toll Free in Oregon 1-800-452-4011

(Owner or Operator)

Matrix Checklist

,		
\overline{V}	1.	The release of petroleum has been reported to the Department of Environmental Quality (220).
V		The Matrix score sheet attached to this checklist has been completed for this site, unless the site is being cleaned up to the most stringent cleanup level (320).
NA	3.	If the cleanup level used for this site is one of the three diesel cleanup levels, a hydrocarbon identification (HCID) test has been performed which proves that the soil contamination is no from gasoline (335(3)).
<u> </u>	4.	A sketch has been made of this site (345(1)). This sketch clearly shows:
	V	a. The location of all buildings and other key features, both man-made and natural;
		b. The names of adjacent streets and properties;
•	V	c. The location of all excavations including those that were for the removal of tanks and associated piping as well as those that were strictly for the removal of contaminated soils;
	V	d. The location of all product storage tanks, lines and dispensers, including those that were decommissioned as well as those that remain on the site; and
	V	e. The locations from which all soil and water samples were collected .
	5.	If any contaminated soil in excess of matrix limits has been left on site, the reason for leaving this soil has been explained and the requirements of 355(4) have been met.
	6.	If water was present in the tank pit, the Department was notified the water was pumped from the pit, and the requirements of 340(4) have been met.
	7.	All soil and/or water samples have been collected, coded, stored and shipped as specified in the rules, and proper chain-of-custody forms have been filled out (345).
NA	8.	All final confirmatory soil samples have been analyzed using the methods required by the Department (350).
NA	9.	If a tank was decommissioned in place, the Department gave prior approval for a site-specific sampling plan (340(5)).
<u></u>	10.	A report has been prepared which contains all of the information required by the rules (360)

MATRIX SCORE SHEET

1.	Depth to Groundwater < 25 feet 25 - 50 feet 51 - 100 feet > 100 feet	(10) (7) (4) (1)	10
2.	Mean Annual Precipitation >40 inches 20 - 40 inches <20 inches	(10) (5) (1)	10
3.	Native Soil Type Coarse sands, gravels Silts, fine sands Clays		10
4.	Sensitivity of Uppermost Aq Sole Source Current Potable Future Potable Non-potable	uifer (10) (7) (4) (1)	4
5.	Potential Receptors Many, near Medium Few, far	(10) (5) (1)	10
	TOTAL SCORE	= -	44

	Cleanup Leve	l in ppm TPH	
Matrix Score	Gasoline Diesel		
<pre>Level 1: > 40 pts. Level 2: 25 - 40 pts. Level 3: < 25 pts.</pre>	40 80 130	100 500 1000	

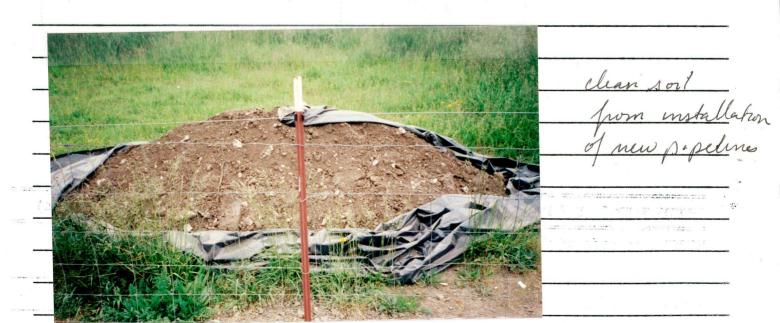
UST FIELD INSPECTION REPORT

Site Name: Mcadowh wook brown Date: 5-19-92 Time: //:09/1/20 onsite/offsite
Site Address: 16845 Hwy 2115., Motalla Travel Time: 30
File/Facility No.: 03-92-125 Inspector: 8AM
Others Onsite: Jack + Toni Frison include company name Install/Retro Decommission UST Facility Distrib. Audit Supervisor License No.: (note name with **) Health & Safety Potential Site Hazards Hazards Appraised? Y/N Benzene Monitoring? Y/N Gother) FAP Site? Y/N FAP Site? Y/N
INSPECTION RESULTS - IN COMPLIANCE? Y N
Plan View SITE SKETCH X-section of excavation (as appropriate)
211. Shocker of the state of th
PHOTOS TAKEN? Y N (attach) SAMPLES TAKEN? Y N (attach results)
PHOTOS TAKEN? Y N (attach) SAMPLES TAKEN? Y N (attach results) NOTES (use back of form as necessary)
PHOTOS TAKEN? Y N (attach) SAMPLES TAKEN? Y N (attach results)

INSPECTION NOTES: (cont.)

They get usults. We descussed sort acration techniques. Excavation is backfilled.







DEPARTMENT OF
ENVIRONMENTAL
QUALITY

NORTHWEST REGION

June 15, 1992

MR JACK FRISON MEADOWBROOK GROCERY 16845 HIGHWAY 211 MOLALLA OREGON 97038

> Re: File No. 03-92-125 Meadowbrook Grocery

Dear Mr. Frison:

As we discussed, this letter serves to document our telephone conversation of June, 12, 1992, and to outline the Department's requirements for additional work at the Meadowbrook Grocery located at 16845 Highway 211 in Molalla, Oregon.

As I indicated, this information indicates that significant soil and groundwater contamination remain at the site. In order to mitigate the environmental hazards, additional cleanup activities are necessary.

I have enclosed a brochure on selecting an environmental consulting firm. Because groundwater is impacted and it is used as a water supply, it is to your advantage to hire an environmental consulting firm. A consultant can help you decide which investigation and cleanup options are best for your facility.

Because you are using the groundwater, you should proceed with the investigation and cleanup as quickly as possible. Delays in conducting cleanup could result in contamination of your water supply well. Please submit the last test results for the drinking water well. If the analyses you have been conducting do not test for gasoline contamination, you will need to conduct additional tests on the water for gasoline constituents as soon as possible.

Also, please submit tank and sludge disposal receipts when the disposal is complete.



Mr. Jack Frison June 15, 1992 Page 2

Please submit a letter by **June 30, 1992**, outlining your planned actions for the site. Please include in the letter the dates you anticipate beginning and ending each action.

If you have any questions or if I can be of assistance in any way, please call me at (503) 229-6385 extension 226.

Sincerely,

Andree Pollock

UST Cleanup Specialist

Northwest Region

cc: UST Cleanup Section, ECD

Bob Montgomery

Montgomery Development

P.O. Box 130

Sandy, Oregon 97055

STATE OF OREGON

DEPARTMENT OF ENVIRONMENTAL QUALITY

INTEROFFICE MEMORANDUM

DATE: June 12, 1992

TO:

Jeannie Sedgely, OD

Darby Bacon, ECD-UST Cleanup

FROM:

Andree Pollock, NWR

SUR

CHRIFCT.

Cost Recovery/Public Notice-Meadowbrook Grocery

Cost recovery is being initiated by the Northwest Region for:

Meadowbrook Grocery 16845 Highway 211 Molalla, Oregon 97038 File No. 03-92-125

This is a LUST trust fund eligible site.

Gasoline contamination of the soil and groundwater was discovered during underground storage tank decommissioning at this site. The facility has a groundwater supply well onsite, however, it does not appear to be impacted at this time. The Department is requiring additional investigation and cleanup at the site.

Cost recovery information and billings should be sent to:

Jack Frison Meadowbrook Grocery 16845 Highway 211 Molalla, Oregon 97038

TELEPHONE USE REPORT

CALL FROM TO: Jack Frison	DATE: 6-	12-92
COMPANY/TITLE: Meadow Brook Grocom	TIME:	
PHONE NO.: 829-9/65	(Circle for	filing)
CITY: Meadowbrook COUNTY:	AQ	Asbestos
Meadowbrook Grocery	WQ	oss
03-92-125	SW	HW
	General	Spill
SUMMARY OF CALL:		
Couldn't anderstand montgonery's repor		
explained that add, from cleanup, was siece	many	
are on a Well 39 dep. Sample en	ruy 3 mon	tho
because of del:		
Well NESide of Store. 80' N.E.	1 tank.	<u>.</u>
Milk creek . 26 locks away North.		
Told him I would be sending	1 1	
That he probably should hime am o	no. consul	ent.
to help him out.		
		L. A.
andre Po	Real	
Charle 10	Signature	



P.O. Box 130 Sandy, Oregon 97055 (503) 668-4847 Eves. (503) 658-6083

Oregon D.E.Q. N.W. Region 1500 S.W First Avenue, Suite 750 Portland, Oregon 97201 - 5884 229 - 6385

page 1 of 3

DEPT OF ENVIRONMENTAL QUALITY RECEIVED

JUN 0 9 1992

Attn: Sue Mayjors

Re: Meadow Brook Grocery 16845 SW Hwy 211 Molalla, Oregon 97038 ph. # (503) 829 - 9165 D.E.Q. Facility ID # 7673

Owner: Toni Frison NORTHWEST REGION

829 - 9165

Decommissioning work by: Montgomery Development Co. Inc. P.O. Box 130

Sandy, Oregon 97055 97055

Site Supervisor for removal: Robert G. Montgomery Jr. ph # 668 - 4847

Site Description:

The site at the above address known as the Meadow Brook Grocery is bordered on two sides by main road ways. The tanks removed were between the West side of the building front and the East side of the right of way known as Beaver Creek Road.

Tanks Description:

Three gasoline storage tanks were removed from this tank farm. Each tank was removed and closely examined for evidence of leaks through the tank walls. This same process was repeated at the shop where the tanks were to be destroyed for recycling. No tank holes were found at either times of inspection. One tank measured approximately four feet by six feet, another measured approximately four feet by twelve feet and the third tank measured approximately six feet by twelve feet.

Tank Contents:

Each tank had stored gasoline fuels. One tank just prior to removal had stored regular gasoline and the other had stored unleaded gasoline. The third tank had not been used recently for storage but was connected by piping to the original island. Approximately 50 gallons of gasoline tank sludges and water were removed from the tanks prior to final decommissioning. This sludge is now at the site of origin awaiting disposal by others. The sludges are in a D.O.T. 55 gallon drum container.

P.O. Box 130 Sandy, Oregon 97055 (503) 668-4847 Eves. (503) 658-6083

Piping Conditions:

page 2 of 3

Piping had been installed to provide for a suction system. In the area of the island the pipe conditions appeared to be good. In the tank farm the piping showed definite signs of electrolysis and fatigue.

Excavation Conditions at the site:

The largest tank was excavated to a depth of approximately nine feet in a East, West, direction perpendicular to the structure. Enough back fill and soils were removed to remove the tank. The other two tanks were excavated to a depth of approximately seven feet in a North, South, direction parallel the structure and directly South of the largest tank first removed. Soils surrounding the tanks were of the round cobble type, primarily in the pea gravel to four inch size with varying layers of clays above and mixed in with the cobbles. Ground water was encountered at the approximate depth of six feet.

Sampling Procedures and Locations:

Soil samples were taken and placed in sterile jars with Teflon protected lids. A water sample was taken in a vile provided by Coffee Labs that was prepared with hydrochloric acid. Samples were placed in cooler and delivered to Coffee Labs on 5-2-92 for testing.

Sample Locations:

Sample numbers #1 and #2 were taken in the island area directly under the pump positions after the small amount of contaminated soils had been removed to approximately two and a half feet in depth from the surface slab.

Sample numbers #3 and #4 were taken at approximately nine feet from the surface in the area directly under the first tank location.

Sample numbers #5 and #6 were taken under the second tank removed at approximately seven feet from the surface in the area directly under the tank.

Sample numbers #7 and #8 were taken under the last tank removed at approximately seven feet from, the surface and directly under the tank location.

Sample number nine was taken of the water in the tank pit which returned rapidly after the pit was purged onto the contaminated soils pile briefly.

P.O. Box 130 Sandy, Oregon 97055 (503) 668-4847 Eves. (503) 658-6083

Test Results:

page 3 of 3

Testing of sample number #3 for TPH - HCID indicates gasoline contamination.

Follow up tests indicated that the samples numbers #1 and #2 are, ND for #1 TPH - G , and only 2.2 ppm #2 for TPH -G in the island area.

However the rest of the samples indicate a wide range of contaminate levels and even extremely high levels in samples numbers five through eight for soils.

The water sample is extremely high in BTEX compounds as indicated by test results of sample number #9.

#9 ground water - Benzene 6,900 Ethylbenzene 11,000 Tolulene 11,000 Total Xylenes 63,000

Results expressed as ug/l unless otherwise noted. See note on page two of the Coffey Laboratories, Inc. report

(*Surrogate spike recovery could not be calculated because of the concentration of hydrocarbons present.)

Conclusions:

As to the cause of the release, that cannot be definitely determined as to the type of equipment failure. As to the conditions of the soils and water it is very obvious that the soils and water are highly impacted by contamination of gasoline products released in this tank farm. The extent of this contaminate plume is not yet known.

Excavation back fill conditions:

Immediately after sampling was completed the tank farm was lined with plastic and new gravel fill materials were placed to prevent hazards to the public. The tank farm is easily accessible by the public and vehicular traffic near the store and from Beaver Creek Road.

This completes Montgomery Development's scope of work.

signed: Mathat C. DerED 6/5/92

Robert G. Montgomery Jr. Sec./Treas., Site Supervisor

Montgomery Development Co. Inc.

P.O. Box 130 Sandy, Oregon 97055 (503) 668-4847 Eves. (503) 658-6083

page 1 of 1

dated 6 / 5 / 1992

Meadow Brook Grocery 16845 SW Hwy 211 Molalla, Oregon 97038 (503) 829 - 9165

DEQ File # 03-92-125

Re: Disposition of contaminated contents of tanks and

contaminated soils.

Soils:

Approximately 32 to 38 cubic yards is now stored at this site. The lager stock pile is to the west of the store while the smaller pile is to the east side of the store in the field area. Both piles are covered under and over with plastic sheeting.

Tank Contents:

The tank contents removed when the tanks were cleaned out is now stored in a D.O.T. 55 gallon drum containing approximately 50 gallons of tank scum. This drum is now at the site next to the new above ground tank to the north of that tank.

These materials are to be disposed of by others and is beyond our scope of work at this time.

Signed:

Robert G. Montgomery Jr. Sec./Treas. Montgomery Development Co. Inc.

CREEK AGRICULTURAL USE BENVER #9 WATER NORTH CATTLE FENCE (EXISTIG) NEW TANK TANKS GUARD POSTS (4) EXISTING GATE STORE BLOG NOZZLE CHAIN UNK FENCE (BY OTHERS) FIRE EXT. 2A-2DB-C NEW UK SUPPLY TELEPHONE EXISTING ISLAND SHUT-OFF SUCTION PUMPS HIGHWAY THIS ONI NO. FOR ON



Report Date: May 18, 1992

Job#: GE-920502A-9

PO#: None

Project#: None
Project: Medow Brook

Store

Attention: Bob Montgomery Jr.

Montgomery Development

P.O. Box 130 Sandy, OR 97055

SAMPLE INFORMATION:

Date Samples Were Received By Laboratory: 05/02/92

Lab No.	Field Identification	Sample Matrix	Date	Time
1	#1	Soil	04-30-92	1300
2	#2	Soil	04-30-92	1300
3	#3	Soil	04-30-92	1300
4	#4	Soil	04-30-92	1300
5	#5	Soil	04-30-92	1300
6	#6	Soil	04-30-92	1300
7	#7	Soil	04-30-92	1300
8	#8	Soil	04-30-92	1300
9	#9	Ground Water	04-30-92	1300

ANALYTICAL RESULTS ARE ON THE FOLLOWING PAGE(S)

Sincerely,

Renee Chauvin

Technical Director

RJC/lws

This report is for the sole and exclusive use of the above-named client. Samples are retained 15 days from the report date, or until holding time expires. Results pertain only to samples submitted.



Job#: GE-920502A-9

Montgomery Development Page 2

Analysis Performed: TPH-G, by the Oregon DEQ method, purge-&-trap, GC/PID.

PARAMETER	DETECTI LIMIT	ON	SAMPLE #1 RESULTS	SAMPLE #2 RESULTS	SAMPLE #3 RESULTS	SAMPLE #4 RESULTS
Gasoline	2		ND	2.2	75	140
Surrogate	Recovery	(%)	105	75	NA*	NA*
PARAMETER	DETECTI LIMIT	ON	SAMPLE #5 RESULTS	SAMPLE #6 RESULTS	SAMPLE #7 RESULTS	
Gasoline	7.5		2,300	1,300	2,000	
Surrogate	Recovery	(%)	73	NA*	NA*	
PARAMETERGasoline	DETECTI LIMIT 7.5	ON	SAMPLE #8 RESULTS 3,500	SAMPLE #8 DUPLICATE RESULTS 4,900		
Surrogate	Recovery	(%)	NA*	NA*		

*Surrogate spike recovery could not be calculated because of the concentration of hydrocarbons present.

Results expressed as mg/kg unless otherwise noted.

ND means none detected at or above the detection limit listed.

REPORT CONTINUES



Job#: GE-920502A-9

Montgomery Development Page 3

Analysis Performed: TPH-HCID qualitative scan for Hydrocarbons, by GC/FID.

Summary of Qualitative Screening Test:

		RESULTS	
Gasoline detected by	y TPH-HCID	√	
Gasoline not detect	ed by TPH-HCID		
Diesel detected by	TPH-HCID		
Diesel not detected	by TPH-HCID	√	
Hydrocarbons heavie	r than C28 detected		
Recommended further	analysis:		
	TPH-G	√	
	TPH-D		
	TPH-418.1		
	None		
Surrogate Recovery	}	108	

REPORT CONTINUES

Phone: (503) 668-4847 Mobile Phone: (503)

FORM MUST BE SUBMITTED BY UST OWNER OR OPERATOR 30 DAYS BEFORE START OF WORK

YOU MUST CONTACT YOUR LOCAL DEQ REGIONAL OFFICE 3-DAYS BEFORE STARTING ANY DECOMMISSIONING WORK. (Phone numbers are listed on reverse)

Will tank removal or potential cleanup affect adjacent property or Right-of-Way property? Yes _____ No __

Date decommissioning is scheduled to begin:

	Tank	DEQ UST	Tank Size	Product: Gasoline, Diesel, Used Oil, Other?					Tank to be Replaced?	
	#		(Gallons)	Present	New	Tank Removal	Closure Inplace	New ∞	Yes*	No
	l	FFEC	2,000	GAS		8				Ø
1	2	FFED	1,000	GAS		Q	Department of	Environmental	Quality	8
-	3	FFEE	550	GAS		\otimes	DEC	EWE		@
							FEB	2 1992		
							LCT Come	Hance Sec	100	

* If decommissioned tank(s) are to be replaced by new underground storage tanks you must submit a new permit application containing information on the new tanks 30 days before placing them in service.

co Submit a soil sampling plan to the DEQ regional office and receive plan approval prior to starting work if 1) tank is to be decommissioned in-place, 2) tank contents are changed to a non-regulated substance, or 3) tank contains a regulated substance other than petroleum.

	or Called and the
	- MA WASHING
Signature: Aury Kill blig	Date: 2-12-92-11-11
1 (0	11600
(Owner or Operator)	1000
AND INCOURABLE DEVELOPCE	<u> </u>
	MAY 66



Department of Environmental Quality
UST Program - Decommissioning/Change-in-Service Notice
811 S.W. Sixth Ave.
Portland, Oregon 97204

REGIONAL DEQ OFFICES

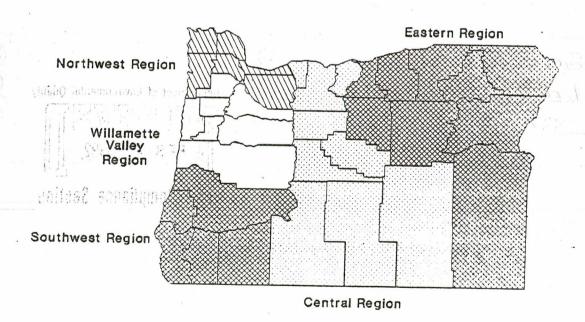
NORTHWEST REGION 811 S.W. 6th Ave. Portland, OR 97204 Phone: Portland 229-5263

WILLAMETTE VALLEY REGION 750 Front St., NE, Suite 120 Salem, OR 97310 Phone: Salem 378-8240

SOUTHWEST REGION 201 W. Main St., Suite 2-D Medford, OR 79501 Phone: Medford 776-6010 CENTRAL REGION 2146 N.E. 4th Bend, OR 97701 Phone: Bend 388-6146

EASTERN REGION
700 S.E. Emigrant, Suite 330
Pendleton, OR 97801
Phone: Pendleton 276-4063

UST HELPLINE Toll Free In Oregon 1-800-742-7878





May 5, 1992

DEPARTMENT OF
ENVIRONMENTAL
QUALITY

NORTHWEST REGION

TONI
MEADOWBROOK GROCERY SOUTH
16845 HIGHWAY 211 SOUTH
MOLALLA OREGON 97038

Re: Meadowbrook Store File No. 03-92-125

Dear Toni;

As required by Oregon Administrative Rules (OAR), on May 1, 1992, a release was reported from an underground storage tank (UST) system at your facility located at 16845 Hwy. 211 South in Molalla, Oregon. As the responsible party for the facility, you are required to clean up the release according to OAR 340-122-201 through 340-122-360, "Cleanup Rules for Leaking Petroleum UST Systems and Numeric Soil Cleanup Levels for Motor Fuel and Heating Oil". A copy of these rules is enclosed.

The following is an outline of the reporting process required by the Northwest Region, Department of Environmental Quality:

- 1. If the cleanup is to be <u>completed</u> within 45 days of identifying the release, a single, final report can be submitted within 30 days of cleanup completion. This will satisfy the documentation requirements, provided you meet the provisions of OAR 340-122-360.
- 2. If cleanup cannot be completed within 45 days, submittal of an initial status report is required within 45 days of reporting the release. The report must summarize the findings to-date, outline your planned actions, and include anticipated dates of completion for each action. Additional interim reports may also be required depending on individual circumstances. A final report will be required within 30 days of completion of the project.

Please read the enclosed rules carefully. Note that one of the first things you must do is determine the scope of the problem in order to select the best method of remediation. The enclosed information will give you the guidance necessary to meet the specific documentation requirements for your site. As the owner, you should be aware of the regulations, even if you have hired a qualified consultant to do the actual work.



Page 2

Please keep the Department up-to-date on activities at the site. This will help to expedite cleanup and closure of the site. File No. 03-92-125 has been assigned to this project. Please reference this number in all future correspondence.

Removing contaminated soils to the matrix cleanup levels is only one of many options that you may wish to consider for your site. You may find the services of a qualified consultant helpful in evaluating different cleanup options. Cleanup options other than removal to matrix standards require that a Corrective Action Plan (CAP) be submitted to the Department for approval. If a CAP is appropriate for your site, additional information about this process may be obtained from the region.

The Department is required to recover costs from the responsible party for oversight of CAP cleanups. You will be notified if the Department determines that cost recovery will be implemented for your site. For general information about the cost recovery process, please contact the UST Cleanup Program at (503) 229-6635.

Thank you for your cooperation and continued efforts to comply with the regulations. If you have any questions, please contact the Northwest Region at (503) 229-5263.

Sincerely,

UST CLEANUP SECTION Northwest Region

enclosure

cc: UST Cleanup Section, ECD

3		
Date:	3/16/92	()rego
Facil	ity ID No.: <u>7673</u>	01050
Dear	Tank Owner/Permittee:	DEPARTMENT (
We re	ceived a decommissioning notice on 2/12/92 underground storage tank(s) located at:	ENVIRONMENT
Meac 1684	Howbrook Grocery IS SW Hwy. 211 Illa, OR 97038	QUALITY LETTE BE SEED TO SEED
	gugir lahnu engatha uji desjeka kom muli ang mpusaluga Sagema Puncul a gil shuldana Leladana (j. 2001). Sakibilisa	ni gelisimuudi.
_XX	Checking our records, it appears the tanks are records permit fees are current, and the contractor is like You are required to confirm the date of removal with appropriate regional office (see other side) at leprior to tank removal.	censed. ith the
	New tank(s) to be installed. Permits for the new be obtained and permit fees paid prior to installate application is enclosed. Contact the UST Compliar (503) 229-5733 for more permit applications or installation. Once the permit has been issued, you with installation. You are required to confirm the installation with the appropriate regional office side) at least 72 hours in advance.	ation. An acce Section at stallation at may proceed acceded
,	There are apparently some discrepancies between outhe information on your decommissioning form. The concerns must be resolved BEFORE decommissioning of	following
	Inadequate information to identify tanks.	
,	One or more of the tanks are not permitted.	MCC

Permit fees for 1988 1989 1990 1991 1992 are past

The contractor you have identified is not licensed or you did not identify a contractor. Please note that a DEQ-licensed contractor is required when work is done by

Please contact the UST Compliance Section at (503) 229-5733 to provide them with the additional tank identification information, to obtain details on which tanks need to be permitted and permit application forms, to arrange payment of fees (\$25 per tank per year), and/or to receive a list of licensed contractors.

anyone other than the tank owner.



Your intent to fill the tank in place requires that the tank area be assessed prior to filling. A sampling plan must be submitted and approved prior to starting the work. Contact the appropriate regional office (see below) if you have any questions concerning this requirement.

Failure to resolve any of the discrepancies before proceeding with decommissioning or tank installation may be a violation of the Department's regulations and may be subject to enforcement. Your cooperation in resolving any potential problems in a timely manner is appreciated.

*** REMINDER - The UST Decommissioning/Change-In-Service Report form and the UST Decommissioning Checklist form must be submitted within 30 days after completion of work.

An assessment must be conducted at all tank sites and contamination must be reported within 24 hours of discovery. OAR 340-122-301 through 340-122-360 contains the sampling requirements necessary when decommissioning underground storage tanks. As soon as contamination is identified in any manner, including observations of visible staining or odors, it must be reported. If obvious signs of contamination are present in the excavation, <u>DO NOT</u> wait until you receive the sample results to report the contamination.

If you need to report contamination or have any general questions regarding site cleanup or UST compliance issues, please contact the appropriate regional office at the numbers listed below.

Sincerely,

Richard Reiter

Manager

UST Compliance Section

cc: Regional Office

Eastern Region 276-4063 Central Region 388-6146 Northwest Region 229-5263 Southwest Region 776-6010 Willamette Valley Region 378-8240 Toll-free (call back) for all regions 1-800-452-4011

UST - 3 DAY NOTICE