

X. TANKS OUT OF USE OR CHANGE IN SERVICE

TANK IDENTIFICATION NUMBER	#	#	#	#	#	#	#	#
1. CLOSING OF TANK								
A. ESTIMATED DATE LAST USED (Month/Day/Year)	_____	_____	_____	_____	_____	_____	_____	_____
B. ESTIMATED DATE TANK REMOVED/ CLOSED IN PLACE (Month/Day/Year)	_____	_____	_____	_____	_____	_____	_____	_____
C. TANK WAS REMOVED FROM GROUND	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. TANK FILLED WITH INERT MATERIAL (Sand, Concrete, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DESCRIBE TYPE OF FILL USED AND REASON TANK WAS NOT REMOVED	_____	_____	_____	_____	_____	_____	_____	_____
E. CHANGE IN SERVICE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

REMINDER: A SITE ASSESSMENT MUST BE COMPLETED, UNLESS YOU REPORT A CONFIRMED RELEASE

XI. CERTIFICATION OF COMPLIANCE (Complete For All New And Upgraded Tanks At This Location)

1. INSTALLATION																
A. INSTALLER CERTIFIED BY TANK AND PIPING MANUFACTURERS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. INSTALLER CERTIFIED OR LICENSED BY THE UST DIVISION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. INSTALLATION INSPECTED BY A REGISTERED ENGINEER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. INSTALLATION INSPECTED AND APPROVED BY UST DIVISION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. ANOTHER METHOD ALLOWED BY UST DIVISION (Please Specify)	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
2. RELEASE DETECTION	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE
A. MANUAL (Static) TANK GAUGING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. TANK TIGHTNESS TESTING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. INVENTORY CONTROL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. AUTOMATIC TANK GAUGING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. VAPOR MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F. GROUNDWATER MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G. INTERSTITIAL MONITORING DOUBLE WALLED TANK/PIPING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
H. INTERSTITIAL MONITORING SECONDARY CONTAINMENT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I. AUTOMATIC LINE LEAK DETECTORS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
J. LINE TIGHTNESS TESTING	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
K. OTHER METHOD ALLOWED BY UST DIVISION (Specify)	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
3. SPILL AND OVERFILL PROTECTION																
A. OVERFILL DEVICE INSTALLED	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. SPILL DEVICE INSTALLED	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. HAVE YOU INSTALLED IMPRESSED CURRENT CATHODIC PROTECTION?																
A. YES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. NO	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PLEDGE: I CERTIFY THE INFORMATION CONCERNING INSTALLATION THAT IS PROVIDED IN SECTION XI IS TRUE TO THE BEST OF MY BELIEF AND KNOWLEDGE.

INSTALLER: _____ **NAME PRINTED** _____ **SIGNATURE** _____ **DATE**

_____ **POSITION** _____ **COMPANY**

COMMENTS AND/OR CLARIFICATIONS TO THE UST DIVISION STAFF:

AMENDED TO UPDATE RELEASE DETECTION
AND SPILL/OVERFILL PROTECTION INFORMATION.
ALSO AMENDED OWNER TAX PAYER I.D.# AND
ZIP CODE FOR FACILITY ADDRESS.

DATE
BY
E. J. ...



REGISTRATION FOR UNDERGROUND STORAGE TANKS

This information is required under 1994 PA 451. Any owner who knowingly fails to notify or submits false information shall be subject to a misdemeanor and/or civil penalties not to exceed \$5,000 per day for each tank for which notification is not given or for which false information is submitted.

INSTRUCTIONS: COMPLETE THIS FORM AND SEND TO THE DNR, UST DIVISION, AT THE ABOVE ADDRESS. NEW TANKS ARE NOT CONSIDERED REGISTERED UNTIL THE DNR, UST DIVISION HAS RECEIVED YOUR COMPLETED FORM AND A CHECK OR MONEY ORDER MADE PAYABLE TO THE "STATE OF MICHIGAN". THE ANNUAL REGISTRATION FEE FOR EACH TANK REGISTERED WITH THE DNR, UST DIVISION IS \$100.

TYPE OF NOTIFICATION: <input type="checkbox"/> NEW REGISTRATION <input checked="" type="checkbox"/> AMENDED INFO.	FACILITY NUMBER (if known)
3 NO. OF TANKS AT FACILITY 1 NO. OF CONTINUATION SHEETS ATTACHED	000 9055

I. OWNERSHIP OF TANKS			II. LOCATION OF TANKS		
IF THIS IS A NEW OWNER'S ADDRESS, PLEASE CHECK <input type="checkbox"/>			IF INFORMATION SAME AS SECTION I, PLEASE CHECK <input type="checkbox"/>		
OWNER NAME (Corporation/individual, etc.) SHELL OIL COMPANY			FACILITY NAME OR SITE IDENTIFIER SHELL SERVICE STATION		
MAILING ADDRESS 17370 LAUREL PK N. #200			STREET ADDRESS (P.O. Box Not Acceptable) 975 ROCHESTER AVENUE		
CITY LIVONIA	STATE MI	ZIP 48152	CITY ROCHESTER	STATE MI	ZIP 48037
COUNTY WAYNE	TOWNSHIP -		COUNTY OAKLAND	TOWNSHIP -	
TELEPHONE (Including Area Code) (313) 953 4300			TELEPHONE (Including Area Code) (810) 656-0080		
TAX PAYER NUMBER					

III. TYPE OF OWNER	IV. INDIAN LANDS
<input type="checkbox"/> FEDERAL GOVERNMENT <input type="checkbox"/> STATE GOVERNMENT <input type="checkbox"/> LOCAL GOVERNMENT <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> PRIVATE	<input type="checkbox"/> TANKS ARE LOCATED ON LAND WITHIN AN INDIAN RESERVATION OR ON OTHER INDIAN TRUST LANDS. <input type="checkbox"/> TANKS ARE OWNED BY NATIVE AMERICAN NATION, TRIBE, OR INDIVIDUAL TRIBE OR NATION: _____

V. TYPE OF FACILITY		
<input checked="" type="checkbox"/> GAS STATION	<input type="checkbox"/> LOCAL GOVERNMENT	<input type="checkbox"/> CONTRACTOR
<input type="checkbox"/> PETROLEUM DISTRIBUTOR	<input type="checkbox"/> STATE GOVERNMENT	<input type="checkbox"/> TRUCKING/TRANSPORT
<input type="checkbox"/> AIR TAXI (AIRLINE)	<input type="checkbox"/> FEDERAL/NON-MILITARY	<input type="checkbox"/> UTILITIES
<input type="checkbox"/> AIRCRAFT OWNER	<input type="checkbox"/> FEDERAL-MILITARY	<input type="checkbox"/> RESIDENTIAL
<input type="checkbox"/> AUTO DEALERSHIP	<input type="checkbox"/> COMMERCIAL	<input type="checkbox"/> FARM
<input type="checkbox"/> RAILROAD	<input type="checkbox"/> INDUSTRIAL	<input type="checkbox"/> OTHER (Explain)

VI. CONTACT PERSON FOR LOCATION		
NAME JEROME P. CAVALUZZI	JOB TITLE HEALTH SAFETY & ENV. ANALYST	TELEPHONE (Including Area Code) (313) 953-4341

VII. FINANCIAL RESPONSIBILITY		
I HAVE MET THE FINANCIAL RESPONSIBILITY REQUIREMENTS AS REQUIRED IN THE UST RULES <input checked="" type="checkbox"/> (Check All Items Below That Apply)		
<input checked="" type="checkbox"/> SELF INSURANCE	<input type="checkbox"/> GUARANTEE	<input type="checkbox"/> MUSTFA FUND
<input type="checkbox"/> COMMERCIAL INSURANCE	<input type="checkbox"/> SURETY BOND	<input type="checkbox"/> TRUST FUND
<input type="checkbox"/> RISK RETENTION GROUP	<input type="checkbox"/> LETTER OF CREDIT	<input type="checkbox"/> OTHER METHOD ALLOWED
FOR INFORMATION ABOUT MUSTFA ELIGIBILITY CALL 1-800-468-7802		

VIII. CERTIFICATION		
I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS, AND THAT BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THAT THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE.		
NAME AND OFFICIAL TITLE OF OWNER OR OWNERS' AUTHORIZED REPRESENTATIVE SEE ABOVE	SIGNATURE Jerome Cavaluzzi	DATE 5/28/96

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete For Each Tank At This Location)

TANK IDENTIFICATION NUMBER	# 1	# 2	# 3	#	#	#	#	#	
1. STATUS OF TANKS (Check One) CURRENTLY IN USE TEMPORARILY OUT OF USE ** AMENDMENT OF INFORMATION	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
*Also Complete Section X (If tanks are removed/closed, complete page 3, Section X)	1	2	3						
2. DATE OF INSTALLATION	5/96	12/72	12/72						
3. ESTIMATED TOTAL CAPACITY (Gallons)	10M	10M	6M						
4. MATERIAL OF CONSTRUCTION (Mark All That Apply)									
ASPHALT COATED OR BARE STEEL	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
CATHODICALLY PROTECTED STEEL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
EPOXY COATED STEEL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
COMPOSITE (Steel With Fiberglass)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
FIBERGLASS REINFORCED PLASTIC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
LINED INTERIOR	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
DOUBLE WALLED	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
POLYETHYLENE TANK JACKET	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
CONCRETE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
EXCAVATION LINER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
UNKNOWN	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OTHER (Please Specify)	_____	_____	_____	_____	_____	_____	_____	_____	
HAS TANK BEEN REPAIRED?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. PIPING MATERIAL (Mark All That Apply)									
BARE STEEL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
GALVANIZED STEEL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
FIBERGLASS REINFORCED PLASTIC	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
COPPER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
CATHODICALLY PROTECTED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
DOUBLE WALLED	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
SECONDARY CONTAINMENT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
UNKNOWN	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OTHER (Please Specify)	_____	_____	_____	_____	_____	_____	_____	_____	
6. PIPING (Type) (Mark All That Apply)									
SUCTION: NO VALVE AT TANK	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
SUCTION: VALVE AT TANK	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
PRESSURE (Remote)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
PRESSURE (Gravity Fed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
HAS PIPING BEEN REPAIRED?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7. SUBSTANCE CURRENTLY OR LAST STORED IN GREATEST QUANTITY BY VOLUME									
GASOLINE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
DIESEL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
GASOHOL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
KEROSENE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
(Not For Consumptive Use On Premises) FUEL OIL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
USED OIL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OTHER (Please Specify)	_____	_____	_____	_____	_____	_____	_____	_____	
HAZARDOUS SUBSTANCE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION & LIABILITY ACT (CERCLA) NAME AND/OR CHEMICAL ABSTRACT SERVICE (CAS) NUMBER	_____	_____	_____	_____	_____	_____	_____	_____	
		<i>Please see above</i>							

X. TANKS OUT OF USE OR CHANGE IN SERVICE

TANK IDENTIFICATION NUMBER	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8
1. CLOSING OF TANK								
A. ESTIMATED DATE LAST USED (Month/Day/Year)	4/15/96	4/15/96						
B. ESTIMATED DATE TANK REMOVED/ CLOSED IN PLACE (Month/Day/Year)	5/1/96	5/1/96						
C. TANK WAS REMOVED FROM GROUND	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. TANK FILLED WITH INERT MATERIAL (Sand, Concrete, etc.) DESCRIBE TYPE OF FILL USED AND REASON TANK WAS NOT REMOVED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. CHANGE IN SERVICE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

REMINDER: A SITE ASSESSMENT MUST BE COMPLETED, UNLESS YOU REPORT A CONFIRMED RELEASE

XI. CERTIFICATION OF COMPLIANCE (Complete For All New And Upgraded Tanks At This Location)

1. INSTALLATION																
A. INSTALLER CERTIFIED BY TANK AND PIPING MANUFACTURERS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B. INSTALLER CERTIFIED OR LICENSED BY THE UST DIVISION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
C. INSTALLATION INSPECTED BY A REGISTERED ENGINEER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
D. INSTALLATION INSPECTED AND APPROVED BY UST DIVISION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
E. ANOTHER METHOD ALLOWED BY UST DIVISION (Please Specify)																
2. RELEASE DETECTION	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE
A. MANUAL (Static) TANK GAUGING	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
B. TANK TIGHTNESS TESTING	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
C. INVENTORY CONTROL	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
D. AUTOMATIC TANK GAUGING	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
E. VAPOR MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F. GROUNDWATER MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G. INTERSTITIAL MONITORING DOUBLE WALLED TANK/PIPING	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
H. INTERSTITIAL MONITORING SECONDARY CONTAINMENT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I. AUTOMATIC LINE LEAK DETECTORS		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
J. LINE TIGHTNESS TESTING		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
K. OTHER METHOD ALLOWED BY UST DIVISION (Specify)																
3. SPILL AND OVERFILL PROTECTION																
A. OVERFILL DEVICE INSTALLED	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
B. SPILL DEVICE INSTALLED	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
4. HAVE YOU INSTALLED IMPRESSED CURRENT CATHODIC PROTECTION?																
A. YES	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
B. NO	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	

PLEDGE: I CERTIFY THE INFORMATION CONCERNING INSTALLATION THAT IS PROVIDED IN SECTION XI IS TRUE TO THE BEST OF MY BELIEF AND KNOWLEDGE.

INSTALLER: Matthew E Kovel M Kovel 5/23/96
NAME PRINTED SIGNATURE DATE
Project Manager Over Loxside CO
POSITION COMPANY

COMMENTS AND/OR CLARIFICATIONS TO THE UST DIVISION STAFF:

REPLACED 10M REGULAR TANK (STEEL WITH LINING)
WITH 10M DWFG TANK
PREPPED TANKS FOR STAGE II VAPOR RECOVERY
AND FOR FUTURE ELECTRONIC MONITORING
REPLACED STEEL LINES WITH SWFG

APPROVED BY: [Signature]
DATE: [Date]

Department of Environmental Quality
Underground Storage Tank Division

KLW MAY 01 1996

INSPECTION REPORT

Type of Inspection Performed: TANK INSTALLATION

Type of Facility: PUBLIC AUTOMOTIVE SERVICE STATION Number of Tanks: 1

Contact Person: BILL BOGAN Telephone Number: (810) 620-0070

OWNERSHIP OF TANKS	LOCATION OF TANKS
Owner Name: SHELL OIL CO Address: 17370 LAUREL PK NORTH SUITE 200 LIVONIA, MI 48152	Name: SHELL SERVICE STATION Address: 975 S ROCHESTER/AVON ROCHESTER, MI 48037 County: OAKLAND

THE UST SYSTEM(S) AT THIS FACILITY WERE INSPECTED USING THE MICHIGAN UNDERGROUND STORAGE TANK RULES AND APPLICABLE SECTIONS OF THE 1992 MICHIGAN FLAMMABLE AND COMBUSTIBLE LIQUID RULES. THE FOLLOWING VIOLATIONS, IF ANY, WERE NOTED. THE SITE CONTACT PERSON WAS VERBALLY ADVISED OF THE VIOLATIONS AT THE TIME OF INSPECTION.

1. TANKS SUBJECT TO BUOYANT FORCES SHALL HAVE PROVISIONS MADE TO PREVENT THE TANK FROM FLOATING.
UST 280.10 (J) (FL/CL PART 2, SECTION 2-6.6.1)

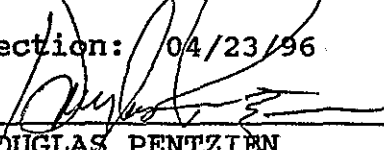
<<< End of Cited Violations >>>

COMMENTS:

RECEIVED
 ENVIRONMENTAL QUALITY
 DISTRICT OFFICE
 LIVONIA, MI
 04/23/96 11:21

Inspection Status: SITE DISAPPROVED

Date of Inspection: 04/23/96 Date Compliance is Required: 04/28/96

Signature: 
DOUGLAS PENTZIEN

AUTHORITY: 1994 PA 451 1941 PA 207 COMPLIANCE: Required PENALTY: Misdemeanor, Civil Penalties	SOUTHEAST MICHIGAN DISTRICT OFFICE 38980 SEVEN MILE ROAD LIVONIA, MI 48152 (313) 432-1253
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UNDERGROUND STORAGE TANK PLAN REVIEW REPORT

This information is required under authority of Act 423, P.A. 1984, as amended. Failure to comply with the provisions of this Act may result in a misdemeanor and/or Civil penalties.

<input type="checkbox"/> PRELIMINARY	<input checked="" type="checkbox"/> FINAL	DATE April 23, 1996	NUMBER OF TANKS 5	FACILITY NUMBER 0-009055
ARCHITECT/ENGINEER Matthew E. Koziel Oscar W. Larson Company 10100 Dixie Highway Clarkston, MI 48348		PROJECT: Shell Oil Company ADDRESS: 975 South Rochester Road Rochester, MI 48307 COUNTY: Oakland		

THE INFORMATION SUBMITTED FOR THE ABOVE PROJECT HAS BEEN REVIEWED FOR COMPLIANCE WITH THE APPLICABLE ADMINISTRATIVE RULES AS INDICATED ABOVE AND IS:

ACCEPTABLE AS SUBMITTED
 ACCEPTABLE AS NOTED BELOW
 SEE COMMENTS BELOW
 UNACCEPTABLE AS NOTED BELOW

Following a review of the submitted underground storage tank installation - pre-registration information, no major deficiencies were noted. **However, please be sure the following requirements are met.**

Hazardous Materials Storage Inspector **Doug Pentzien** of our Department of Environmental Quality office in Livonia, telephone number (313) 432-1253, must be notified to schedule inspections not less than seven calendar days before installation of the UST system as required in the rules. **This installation may not be placed into service until DEQ personnel have conducted a final inspection.**

The Michigan Underground Storage Tank Rules, Section 290.93, requires owners or operators of petroleum underground storage tanks to provide evidence of financial responsibility at final inspection.

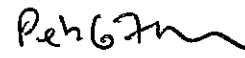
Provide certification of compliance with the National Electrical Code at final inspection.

NOTICE: THE UST REGULATORY ACT REQUIRES PERSONS WHO INSTALL OR REMOVE USTS TO MAINTAIN POLLUTION LIABILITY INSURANCE WITH LIMITS NOT LESS THAN ONE MILLION PER OCCURRENCE.

If this system is not installed within one year, please contact this office for possible resubmittal of plans.

Pursuant to Public Act 451 of 1994, Part 211, it is the owner's responsibility that a tank registration form accompanied by a check for the \$100.00 per tank fee be forwarded to this office after the tank has been installed and prior to use.

If you have any questions, please contact the Technical Review Unit at (517) 373-8168 between the hours of 10:00 a.m. - 12:00 p.m. and 1:00 p.m. - 3:00 p.m.



Peter G. Funkhouser
 Technical Review Unit

PGF:s
 c: DEQ Livonia

REGISTRATION FOR UNDERGROUND STORAGE TANKS - PART A

FM 23 (3-94)
PART A

PAGE 1

Notice of Proposed Installation of Underground Storage Tanks

IMPLEMENTING AGENCY: MICHIGAN STATE POLICE — FIRE MARSHAL DIVISION		Name of Facility Shell Oil Company	
Address (Location of facility) (P.O. Box not acceptable) 975 South Rochester Road		Contact Person (at location) Todd Tageson	Telephone (include area code) (313) 953-4344
City Rochester,	State MI	Zip Code 48307	
Name of Submitter Oscar W. Larson Company		Address 10100 Dixie Highway	
City Clarkston,		State MI	
		Zip Code 48348	

INSTRUCTIONS

Part A of this registration form must be completed and submitted to the State Fire Marshal a minimum of 45 days prior to installation of the underground storage tank system.

Upon completion of Part A attach the required information to both copies of Part A and mail to: Michigan State Police, Fire Marshal Division, P.O. Box 30157, Lansing, Michigan 48909. If you have any questions concerning Part A, please call the Technical Review Unit between the hours of 10:00 a.m. —

12:00 p.m. or 1:00 p.m.—3:00 p.m. at 517 322-1935.

Part B of the registration form must be completed and submitted to the State Fire Marshal prior to use of the underground storage tank system, accompanied by the registration fee of \$100.00 per tank.

The following information must be attached to Part A of this form upon submittal

1. A plot plan showing structures, roads, railroads, property lines, easements, within 25' of the UST system. Section 280.22.
2. The location of all drinking water wells within 2000 feet of UST. Section 280.22.
3. A diagram of the UST system. Section 280.22.

Facility #

0009055

New Assigned Tank #

Please complete the required information in conjunction with the Michigan Underground Storage Tank Rules (MUSTR) and the State Flammable and Combustible Liquids Rules (FL/CL) Parts 2 & 3 for underground installations as cited below. The manufacturer and part number must be indicated next to the appropriate item. This form is for review purposes only. It is not intended to list all of the requirements that may be applicable.

DETAILED INFORMATION/DATA WILL ASSIST IN EXPEDITING THE REVIEW PROCESS

Requirements under Michigan's Flammable & Combustible Liquids Rules (FL/CL) Part 2 and Michigan Underground Storage Tank Rules.

ITEM NO.	DESCRIPTION	MANUFACTURER & PART NO.	ITEM NO.	DESCRIPTION	MANUFACTURER & PART NO.
4.	TANK DESIGN AND CONSTRUCTION: * Section 280.20 (a), 280.20 (d), 280.32 & Section 2-2 of FL/CL. Concrete; Steel - UL58; Fiberglass - UL 1316. Dimension, Capacity & Contents.	One (1) 10,000 gallon double wall Xerxes fiberglass UST, for gasoline.	7.	TANK LOCATION: Section 280.20 (d) & Section 2-4.1 of FL/CL. 10' from basement wall, pit or property line; also to avoid loads transmitted by building foundation-tank outside 45 degree angle.	See attached.
5.	BURIAL DEPTH COVER: * Section 2-4.2 of FL/CL. Minimum 2' or 1' earth & 4" concrete - no vehicular traffic. Minimum 3' or 18" earth & 6" concrete or 8" asphalt with vehicular traffic.	Minimum 48" with 6" reinforced concrete pad.	8.	ANCHORING OF TANK: Section 2-6.6.3 of FL/CL. In areas subject to flooding or high water table NOTE: Tie-down straps.	N/A
6.	BACKFILL MATERIAL SURROUNDING TANK: * Section 2-4.2 of FL/CL. Minimum 6" sand or pea gravel - steel; minimum 12" pea gravel - fiberglass.	Pea stone minimum 24" around tanks.	9.	CORROSION PROTECTION OF TANK: * Section 280.20 (a) & Section 2-4.3 of FL/CL [Except Section 2-4.3.1. Fiberglass tank, steel tank with cathodic protection, composite steel tanks, are acceptable.	Fiberglass UST
			10.	MONITORING OF CATHODIC PROTECTION: Section 280.31. Test station - wires to surface for access.	N/A

ORIGINAL & YELLOW - Fire Marshal Div. HQ
PINK - Owner

AUTHORITY:
COMPLIANCE:
PENALTIES:

1984 PA 423, as amended
Required

Any owner who knowingly fails to notify or submits false information shall be subject to a misdemeanor and/or civil penalties not to exceed \$5,000 per day for each tank for which notification is not given or for which false information is submitted.

ITEM NO.	DESCRIPTION	MANUFACTURER & PART NO.	ITEM NO.	DESCRIPTION	MANUFACTURER & PART NO.
11.	CORROSION PROTECTION FOR PIPING: Section 280.20 (b) (2) & 280.20 (b) (4). Steel - cathodic protection or other approved means, or fiberglass. NOTE: Dielectric couplings at tank and dispenser to isolate tank and piping.	Piping to be single wall FRP.	14.	PIPING MATERIAL: Section 280.20 (b), 280.20 (d), 280.32 & Section 3-3 of FL/CL. Steel, fiberglass or other approved material. Single or double-walled.	Single wall FRP product and vent piping.
12.	SPILL PROTECTION AROUND FILL PIPE: * Section 280.20 (c) (1) (i). Sealed to prevent entry of product into ground.	OPW #1 spill tub.	15.	OVERFILL PROTECTION: * Section 280.20 (c) (1) (ii). Audible alarm sounding or flow restricted when tank is 90% full, or an automatic shut-off of flow into the tank when the tank is 95% full.	OPW 61-S0
13.	RELEASE DETECTION FOR TANK & PIPING: * Section 280.40 (a), Section 280.41 & Section 280.42. Must be able to detect a release from any portion of the tank and piping	TANK: Inventory control with monitoring, reconciliation. PIPING: Pressurized line leak detectors.	16.	VENT PIPING: Section 2.4.5 of FL/CL. Steel; outlet above snow level and minimum 12 feet above grade.	Minimum 12' above grade.

OTHER REQUIREMENTS UNDER MICHIGAN'S FLAMMABLE & COMBUSTIBLE LIQUIDS RULES (FL/CL) PART 3

17.	EMERGENCY SHUT-OFF VALVE: * Section 4.3.6 of FL/CL. Required on submerged pumping systems, rigidly anchored. Suction systems require check valve under the dispenser. (Slip joint coupling prohibited)	OPW 10R series.	21.	OPERATING INSTRUCTIONS AND WARNINGS: Section 9-9, & Section 9-5.5 of FL/CL. Required at self-serve stations.	To be posted by the owner per State regulations.
18.	LOCATION OF DISPENSER: Section 4-1.1 of FL/CL. 10' from property lines; building walls of combustible construction; openings to buildings with noncombustible walls.	See attached.	22.	HOLD OPEN DEVICE ON NOZZLE: * Section 9-1 OF FL/CL. Allowed. Pre-pay self-service needs special feature of nozzle that prevents resumption of flow once pump is stopped.	Nozzles to be OPW 11B.
19.	DISPENSING DEVICE AND NOZZLE: Section 4-2.2, & Section 4-2.6 of FL/CL. Must be listed and identified as to product it dispenses. Section 9-1.6 of FL/CL. Splash guard required.	OPW 11B nozzles with splash guards.	23.	FIRE EXTINGUISHER AT SERVICE STATION: Section 9-8 of FL/CL. Minimum 4A-20BC rating, within 75' of dispensers, fill pipe, and service area.	Fire extinguishers will be installed within 75' of dispenser by the owner.
20.	PROTECTION AGAINST COLLISION: Section 4-2.5 of FL/CL. Concrete island or posts.	Raised concrete fueling islands.	24.	AREA BENEATH & AROUND DISPENSER: Section 4-2.12, & Section 9-6 of FL/CL. Prevent leaks & spills from reaching groundwater, surface water, & subsurface soils.	Containment Technologies containment pans.

NOTE: Items marked (*) are critical. Failure to comply with these items may constitute a major deficiency.

REGISTRATION FOR UNDERGROUND STORAGE TANKS

This information is required under 1994 PA 451. Any owner who knowingly fails to notify or submits false information shall be subject to a misdemeanor and/or civil penalties not to exceed \$5,000 per day for each tank for which notification is not given or for which false information is submitted.

06 MAR -6 PM 3:15

INSTRUCTIONS: COMPLETE THIS FORM AND SEND TO THE DNR, UST DIVISION, AT THE ABOVE ADDRESS. NEW TANKS ARE NOT CONSIDERED REGISTERED UNTIL THE DNR, UST DIVISION HAS RECEIVED YOUR COMPLETED FORM AND A CHECK OR MONEY ORDER MADE PAYABLE TO THE "STATE OF MICHIGAN". THE ANNUAL REGISTRATION FEE FOR EACH TANK REGISTERED WITH THE DNR, UST DIVISION IS \$100.

TYPE OF NOTIFICATION: <input type="checkbox"/> NEW REGISTRATION <input checked="" type="checkbox"/> AMENDED INFO.	FACILITY NUMBER (if known)
<u>4</u> NO. OF TANKS AT FACILITY	0009055
<u>1</u> NO. OF CONTINUATION SHEETS ATTACHED SMK MAR 12 1996	

I. OWNERSHIP OF TANKS			II. LOCATION OF TANKS		
IF THIS IS A NEW OWNER'S ADDRESS, PLEASE CHECK <input type="checkbox"/>			IF INFORMATION SAME AS SECTION I, PLEASE CHECK <input type="checkbox"/>		
OWNER NAME (Corporation/Individual, etc.) SHELL OIL COMPANY			FACILITY NAME OR SITE IDENTIFIER SHELL SERVICE STATION		
MAILING ADDRESS 17370 LAUREL PK N. #200			STREET ADDRESS (P.O. Box Not Acceptable) 975 ROCHESTER TAVON		
CITY LIVONIA	STATE MI	ZIP 48152	CITY ROCHESTER	STATE MI	ZIP 48037
COUNTY WAYNE	TOWNSHIP -		COUNTY OAKLAND	TOWNSHIP -	
TELEPHONE (Including Area Code) (313) 953 4300			TELEPHONE (Including Area Code) (313)-656-0080		
TAXPAYER'S FEDERAL IDENTIFICATION NUMBER [REDACTED]					

III. TYPE OF OWNER	IV. INDIAN LANDS
<input type="checkbox"/> FEDERAL GOVERNMENT <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> STATE GOVERNMENT <input type="checkbox"/> PRIVATE <input type="checkbox"/> LOCAL GOVERNMENT	<input type="checkbox"/> TANKS ARE LOCATED ON LAND WITHIN AN INDIAN RESERVATION OR ON OTHER INDIAN TRUST LANDS. <input type="checkbox"/> TANKS ARE OWNED BY NATIVE AMERICAN NATION, TRIBE, OR INDIVIDUAL. TRIBE OR NATION: _____

V. TYPE OF FACILITY		
<input checked="" type="checkbox"/> GAS STATION	<input type="checkbox"/> LOCAL GOVERNMENT	<input type="checkbox"/> CONTRACTOR
<input type="checkbox"/> PETROLEUM DISTRIBUTOR	<input type="checkbox"/> STATE GOVERNMENT	<input type="checkbox"/> TRUCKING/TRANSPORT
<input type="checkbox"/> AIR TAXI (AIRLINE)	<input type="checkbox"/> FEDERAL/NON-MILITARY	<input type="checkbox"/> UTILITIES
<input type="checkbox"/> AIRCRAFT OWNER	<input type="checkbox"/> FEDERAL-MILITARY	<input type="checkbox"/> RESIDENTIAL
<input type="checkbox"/> AUTO DEALERSHIP	<input type="checkbox"/> COMMERCIAL	<input type="checkbox"/> FARM
<input type="checkbox"/> RAILROAD	<input type="checkbox"/> INDUSTRIAL	<input type="checkbox"/> OTHER (Explain)

VI. CONTACT PERSON FOR LOCATION		
NAME JEROME P. CAVALUZZI	JOB TITLE HEALTH SAFETY & ENV. ANALYST	TELEPHONE (Including Area Code) (313) 953-4341

VII. FINANCIAL RESPONSIBILITY		
I HAVE MET THE FINANCIAL RESPONSIBILITY REQUIREMENTS AS REQUIRED IN THE UST RULES <input checked="" type="checkbox"/> (Check All Items Below That Apply)		
<input checked="" type="checkbox"/> SELF INSURANCE	<input type="checkbox"/> GUARANTEE	<input type="checkbox"/> MUSTFA FUND
<input type="checkbox"/> COMMERCIAL INSURANCE	<input type="checkbox"/> SURETY BOND	<input type="checkbox"/> TRUST FUND
<input type="checkbox"/> RISK RETENTION GROUP	<input type="checkbox"/> LETTER OF CREDIT	<input type="checkbox"/> OTHER METHOD ALLOWED
FOR INFORMATION ABOUT MUSTFA ELIGIBILITY CALL 1-800-468-7832		

VIII. CERTIFICATION		
I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS, AND THAT BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THAT THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE.		
NAME AND OFFICIAL TITLE OF OWNER OR OWNERS' AUTHORIZED REPRESENTATIVE SEE ABOVE	SIGNATURE <i>Jerome Cavaluzzi</i>	DATE 3/4/96

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete For Each Tank At This Location)

TANK IDENTIFICATION NUMBER	# 1	# 2	# 3	# 4	#	#	#*	#
1. STATUS OF TANKS (Check One) CURRENTLY IN USE TEMPORARILY OUT OF USE ** AMENDMENT OF INFORMATION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<small>**Also Complete Section X (If tanks are removed/closed, complete page 3, Section X)</small>								
2. DATE OF INSTALLATION	12/72	12/72	12/72	12/79				
3. ESTIMATED TOTAL CAPACITY (Gallons)	10M	10M	6M	1M				
4. MATERIAL OF CONSTRUCTION (Mark All That Apply)								
ASPHALT COATED OR BARE STEEL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CATHODICALLY PROTECTED STEEL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EPOXY COATED STEEL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMPOSITE (Steel With Fiberglass)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FIBERGLASS REINFORCED PLASTIC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LINED INTERIOR	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DOUBLE WALLED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
POLYETHYLENE TANK JACKET	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CONCRETE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EXCAVATION LINER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UNKNOWN	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(OTHER (Please Specify))	_____	_____	_____	_____	_____	_____	_____	_____
HAS TANK BEEN REPAIRED?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. PIPING MATERIAL (Mark All That Apply)								
BARE STEEL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
GALVANIZED STEEL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FIBERGLASS REINFORCED PLASTIC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COPPER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CATHODICALLY PROTECTED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DOUBLE WALLED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SECONDARY CONTAINMENT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UNKNOWN	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(OTHER (Please Specify))	_____	_____	_____	_____	_____	_____	_____	_____
6. PIPING (Type) (Mark All That Apply)								
SUCTION: NO VALVE AT TANK	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SUCTION: VALVE AT TANK	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRESSURE (Remote)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PRESSURE (Gravity Fed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HAS PIPING BEEN REPAIRED?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. SUBSTANCE CURRENTLY OR LAST STORED IN GREATEST QUANTITY BY VOLUME								
GASOLINE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DIESEL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
GASOHOL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
KEROSENE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(Not For Consumptive Use On Premises) FUEL OIL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
USED OIL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(OTHER (Please Specify))	_____	_____	_____	_____	_____	_____	_____	_____
HAZARDOUS SUBSTANCE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION & LIABILITY ACT (CERCLA) NAME AND/OR CHEMICAL ABSTRACT SERVICE (CAS) NUMBER	_____	<i>please see above</i>			_____	_____	_____	_____

X. TANKS OUT OF USE OR CHANGE IN SERVICE

TANK IDENTIFICATION NUMBER	#	#	#	#	#	#	#	#
1. CLOSING OF TANK								
A. ESTIMATED DATE LAST USED (Month/Day/Year)	_____	_____	_____	_____	_____	_____	_____	_____
B. ESTIMATED DATE TANK REMOVED/ CLOSED IN PLACE (Month/Day/Year)	_____	_____	_____	_____	_____	_____	_____	_____
C. TANK WAS REMOVED FROM GROUND	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. TANK FILLED WITH INERT MATERIAL (Sand, Concrete, etc.) DESCRIBE TYPE OF FILL USED AND REASON TANK WAS NOT REMOVED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. CHANGE IN SERVICE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

REMINDER: A SITE ASSESSMENT MUST BE COMPLETED, UNLESS YOU REPORT A CONFIRMED RELEASE

XI. CERTIFICATION OF COMPLIANCE (Complete For All New And Upgraded Tanks At This Location)

1. INSTALLATION																
A. INSTALLER CERTIFIED BY TANK AND PIPING MANUFACTURERS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. INSTALLER CERTIFIED OR LICENSED BY THE UST DIVISION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. INSTALLATION INSPECTED BY A REGISTERED ENGINEER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. INSTALLATION INSPECTED AND APPROVED BY UST DIVISION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. ANOTHER METHOD ALLOWED BY UST DIVISION (Please Specify)	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
2. RELEASE DETECTION	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE
A. MANUAL (Stade) TANK GAUGING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. TANK TIGHTNESS TESTING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. INVENTORY CONTROL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. AUTOMATIC TANK GAUGING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. VAPOR MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F. GROUNDWATER MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G. INTERSTITIAL MONITORING DOUBLE WALLED TANK/PIPING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
H. INTERSTITIAL MONITORING SECONDARY CONTAINMENT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I. AUTOMATIC LINE LEAK DETECTORS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
J. LINE TIGHTNESS TESTING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
K. OTHER METHOD ALLOWED BY UST DIVISION (Specify)	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
3. SPILL AND OVERFILL PROTECTION																
A. OVERFILL DEVICE INSTALLED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. SPILL DEVICE INSTALLED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. HAVE YOU INSTALLED IMPRESSED CURRENT CATHODIC PROTECTION?																
A. YES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. NO	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PLEDGE: I CERTIFY THE INFORMATION CONCERNING INSTALLATION THAT IS PROVIDED IN SECTION XI IS TRUE TO THE BEST OF MY BELIEF AND KNOWLEDGE.

INSTALLER: _____

NAME PRINTED SIGNATURE DATE

POSITION COMPANY

COMMENTS AND/OR CLARIFICATIONS TO THE UST DIVISION STAFF:

Amended to show tanks construction as steel instead of fiberglass (were incorrectly registered) and to show tanks now lined with fiberglass.

Please type or print in ink all items except the signatures in Section VIII & XI. This form must be completed for each location containing underground storage tanks. If more than eight (8) tanks are owned at this location, please photocopy page 2 and 3, and staple continuation sheets to the form. Make a copy of the completed registration form and file with your records for future reference. If amending a notification on file, it is sufficient to complete and highlight only those areas applicable. However, page 1 must always be completed.

REGISTRATION FOR UNDERGROUND STORAGE TANKS

FACILITY NUMBER (if known)
0009055

STATE USE ONLY

A. DATE RECEIVED _____

B. DATE ENTERED INTO COMPUTER _____

C. DATA ENTRY CLERK INITIALS _____

IMPLEMENTING AGENCY:
MICHIGAN STATE POLICE — FIRE MARSHAL DIVISION

TYPE OF NOTIFICATION: NEW REGISTRATION AMENDED INFO.

NO. OF TANKS AT FACILITY **SMK OCT 16 1992**

NO. OF CONTINUATION SHEETS ATTACHED _____

Note: Change in Owners address Only!!

I. OWNERSHIP OF TANKS

IF THIS A NEW OWNER'S ADDRESS, PLEASE CHECK

Shell Oil Company

OWNER NAME (CORPORATION/INDIVIDUAL, ETC.)

17370 Laurel Park N. #200

MAILING ADDRESS

Livonia MI 48152

CITY STATE ZIP

Oakland

COUNTY TOWNSHIP

(313) 953-4300

II. LOCATION OF TANKS

IF INFORMATION SAME AS SECTION I, PLEASE CHECK

Shell Service Station

05 221-8070-0712 A-C

Marcus N. Campbell

975 Rochester Rd.

Rochester, MI 48307

CITY STATE ZIP

Oakland

COUNTY TOWNSHIP

TELEPHONE (INCLUDING AREA CODE)
(313) 656-0080

III. TYPE OF OWNER

FEDERAL GOVERNMENT **COMMERCIAL**

STATE GOVERNMENT PRIVATE

LOCAL GOVERNMENT

IV. INDIAN LANDS

TANKS ARE LOCATED ON LAND WITHIN AN INDIAN RESERVATION OR ON OTHER TRUST LANDS.

TANKS ARE OWNED BY NATIVE AMERICAN NATION, TRIBE, OR INDIVIDUAL.

TRIBE OR NATION: _____

V. TYPE OF FACILITY

<input checked="" type="checkbox"/> GAS STATION	<input type="checkbox"/> LOCAL GOVERNMENT	<input type="checkbox"/> CONTRACTOR
<input type="checkbox"/> PETROLEUM DISTRIBUTOR	<input type="checkbox"/> STATE GOVERNMENT	<input type="checkbox"/> TRUCKING/TRANSPORT
<input type="checkbox"/> AIR TAXI (AIRLINE)	<input type="checkbox"/> FEDERAL/NON-MILITARY	<input type="checkbox"/> UTILITIES
<input type="checkbox"/> AIRCRAFT OWNER	<input type="checkbox"/> FEDERAL-MILITARY	<input type="checkbox"/> RESIDENTIAL
<input type="checkbox"/> AUTO DEALERSHIP	<input type="checkbox"/> COMMERCIAL	<input type="checkbox"/> FARM
<input type="checkbox"/> RAILROAD	<input type="checkbox"/> INDUSTRIAL	<input type="checkbox"/> OTHER (EXPLAIN)

92 OCT 14

VI. CONTACT PERSON FOR LOCATION

NAME **Angela M. Faraol** JOB TITLE **Health, Safety + Env. Rep.** PHONE (including area code) **(313) 953-4358**

VII. FINANCIAL RESPONSIBILITY

I HAVE MET THE FINANCIAL RESPONSIBILITY REQUIREMENTS AS REQUIRED IN THE UST RULES

<input checked="" type="checkbox"/> SELF INSURANCE	<input type="checkbox"/> GUARANTEE	<input type="checkbox"/> (CHECK ALL ITEMS BELOW THAT APPLY)
<input type="checkbox"/> COMMERCIAL INSURANCE	<input type="checkbox"/> SURETY BOND	<input type="checkbox"/> MUSTFA FUND
<input type="checkbox"/> RISK RETENTION GROUP	<input type="checkbox"/> LETTER OF CREDIT	<input type="checkbox"/> TRUST FUND
		<input type="checkbox"/> OTHER METHOD ALLOWED

(PLEASE SPECIFY)

FOR INFORMATION ABOUT MUSTFA ELIGIBILITY, CALL 1-800-468-7832

VIII. CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS, AND THAT BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THAT THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE.

NAME AND OFFICIAL TITLE OF OWNER OR OWNERS' AUTHORIZED REPRESENTATIVE **See above** SIGNATURE **A.M. Faraol** DATE **10-9-92**

*THIS INFORMATION IS CONFIDENTIAL. DISCLOSURE OF CONFIDENTIAL INFORMATION IS PROTECTED BY THE FEDERAL PRIVACY ACT.

AUTHORITY: 1984 PA 423. COMPLIANCE: Required. PENALTIES: Any owner who knowingly fails to notify or submits false information shall be subject to a misdemeanor and/or civil penalties not to exceed \$5,000 per day for each tank for which notification is not given or for which false information is submitted.

THERE IS A \$100.00 ANNUAL REGISTRATION FEE FOR EACH NEW TANK REGISTERED WITH THE STATE FIRE MARSHAL. MAKE CHECKS PAYABLE TO THE STATE OF MICHIGAN CHECK OR MONEY ORDER FOR ALL NEW TANK REGISTRATIONS MUST ACCOMPANY THE REGISTRATION FORM PART B BEFORE SUCH TANKS CAN BE CONSIDERED REGISTERED.

Michigan State Police
 Fire Marshal Division
 Hazardous Materials Section
 3705 W. Jolly Rd.
 P.O. Box 30157
 Lansing, MI 48909
 (800) 642-4878

 * INVOICE *

June 28, 1990

Page 1 of 1

Fee for Underground Storage Tank registrations received on or before 3-31-90.

TO: SHELL OIL COMPANY 31275 NORTHWESTERN HIGHWAY #145 FARMINGTON HILLS, MI 48018 RE: WINCHESTER SHELL	PLEASE RETURN TO: Michigan State Police Fire Marshal Division Hazardous Materials Section 3705 W. Jolly Rd. P.O. Box 30157 Lansing, MI 48909
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If there are no changes that need to be made on the registration form, timely payment and return of this invoice will suffice as your FY 1990 (10-1-89 to 9-30-90) annual renewal of your USTs, as required under P.A. 423 of 1984, as amended. Payment due July 30, 1990. For more details, see the enclosed information.

Facility #	Tank #	Description	Cost
0-009055	1	10,000 Gal - Gasoline	\$100.00
0-009055	2	10,000 Gal - Gasoline	\$100.00
0-009055	3	6,000 Gal - Gasoline	\$100.00
0-009055	4	1,000 Gal - Used Oil	\$100.00

MICHIGAN STATE POLICE
 RECEIVED
 SEP 15 1990
 FIRE MARSHAL DIVISION
 LANSING, MICHIGAN

PAID

Number of Eligible Tanks: 4
 Total Number of Tanks: 4

Registration Fee: \$ 400.00
 Late Fee:
 Amount Received:
 Amount Due: \$ 400.00

Make Checks Payable to: State of Michigan
 Payment Due on or Before: JULY 30, 1990

Notification for Underground Storage Tanks

FORM APPROVED
OMB NO. 2050-0049
APPROVAL EXPIRES 6-30-88

FOR
TANKS
IN
MI

RETURN
COMPLETED
FORM
TO

Ground Water Quality Division
Department of Natural Resources
Box 30157
Lansing, MI 48909

I.D. Number

STATE USE ONLY

009055

Date Received

RECEIVED

GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1974, that are in the ground as of May 8, 1986, or that are brought into use after May 8, 1986. The information requested is required by Section 9002 of the Resource Conservation and Recovery Act, (RCRA), as amended.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum or hazardous substances. It is expected that the information you provide will be based on reasonably available records, or, in the absence of such records, your knowledge, belief, or recollection.

Who Must Notify? Section 9002 of RCRA, as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means—

(a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and

(b) in the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuation of its use.

What Tanks Are Included? Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances," and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are underground tanks storing: 1. gasoline, used oil, or diesel fuel, and 2. industrial solvents, pesticides, herbicides or fumigants.

What Tanks Are Excluded? Tanks removed from the ground are not subject to notification. Other tanks excluded from notification are:

1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes;
2. tanks used for storing heating oil for consumptive use on the premises where stored;
3. septic tanks;

4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Waste Administration Act of 1979, or which is an intrastate pipeline facility regulated under State laws;

5. surface impoundments, pits, ponds, or lagoons;
6. storm water or waste water collection systems;
7. flow-through process tanks;
8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations;
9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

What Substances Are Covered? The notification requirements apply to underground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

Where To Notify? Completed notification forms should be sent to the address given at the top of this page.

When To Notify? 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use.

Penalties: Any owner who knowingly fails to notify or submits false information shall be subject to a civil penalty not to exceed \$10,000 for each tank for which notification is not given or for which false information is submitted.

INSTRUCTIONS

Please type or print in ink all items except "signature" in Section V. This form must be completed for each location containing underground storage tanks. If more than 5 tanks are owned at this location, photocopy the reverse side, and staple continuation sheets to this form.

Indicate number of continuation sheets attached

I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)

Shell Oil Co.

Street Address
31275 Northwestern Highway

County
OAKLAND

City
Farmington Hill State
MI ZIP Code
48018

Area Code
313 Phone Number
855-8000

Type of Owner (Mark all that apply)

- Current State or Local Gov't Private or Corporate
 Former Federal Gov't (GSA facility I.D. no. Shell Oil Co.) Ownership uncertain

II. LOCATION OF TANK(S)

(If same as Section 1, mark box here)

Facility Name or Company Site Identifier, as applicable

Winchester Shell

Street Address or State Road, as applicable

975 S. Rochester Rd.

County
OAKLAND

City (nearest)
Rochester State
MI ZIP Code
48063

Indicate number of tanks at this location Mark box here if tank(s) are located on land within an Indian reservation or on other Indian trust lands

III. CONTACT PERSON AT TANK LOCATION

Name (If same as Section I, mark box here)
Duane Paul Troy Job Title
Owner Area Code
313 Phone Number
656-0080

IV. TYPE OF NOTIFICATION

Mark box here only if this is an amended or subsequent notification for this location.

V. CERTIFICATION (Read and sign after completing Section VI.)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative
Duane Paul Troy Dealer Signature
Duane Paul Troy Date Signed
4-9-86

CONTINUE ON REVERSE SIDE

VI. DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location.)					
Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential Number (e.g., 1,2,3...)	Tank No. 1	Tank No. 2	Tank No. 3	Tank No. 4	Tank No.
1. Status of Tank (Mark all that apply <input checked="" type="checkbox"/>) Currently in Use Temporarily Out of Use Permanently Out of Use Brought into Use after 5/8/86	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
2. Estimated Age (Years)	9	9	9	9	
3. Estimated Total Capacity (Gallons)	10,000	10,000	6,000	1,000	
4. Material of Construction (Mark one <input checked="" type="checkbox"/>) Steel Concrete Fiberglass Reinforced Plastic Unknown Other, Please Specify	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
5. Internal Protection (Mark all that apply <input checked="" type="checkbox"/>) Cathodic Protection Interior Lining (e.g., epoxy resins) None Unknown Other, Please Specify	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
6. External Protection (Mark all that apply <input checked="" type="checkbox"/>) Cathodic Protection Painted (e.g., asphaltic) Fiberglass Reinforced Plastic Coated None Unknown Other, Please Specify	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
7. Piping (Mark all that apply <input checked="" type="checkbox"/>) Bare Steel Galvanized Steel Fiberglass Reinforced Plastic Cathodically Protected Unknown Other, Please Specify	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
8. Substance Currently or Last Stored in Greatest Quantity by Volume (Mark all that apply <input checked="" type="checkbox"/>) a. Empty b. Petroleum Diesel Kerosene Gasoline (including alcohol blends) Used Oil Other, Please Specify c. Hazardous Substance Please Indicate Name of Principal CERCLA Substance OR Chemical Abstract Service (CAS) No. Mark box <input checked="" type="checkbox"/> if tank stores a mixture of substances d. Unknown	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
9. Additional Information (for tanks permanently taken out of service) a. Estimated date last used (mo/yr) b. Estimated quantity of substance remaining (gal.) c. Mark box <input checked="" type="checkbox"/> if tank was filled with inert material (e.g., sand, concrete)	 <input checked="" type="checkbox"/>	 <input checked="" type="checkbox"/>	 <input checked="" type="checkbox"/>	 <input checked="" type="checkbox"/>	 <input checked="" type="checkbox"/>

REGISTRATION FOR UNDERGROUND STORAGE TANKS

STATE USE ONLY	
ID NUMBER	9655
DATE RECEIVED	
A. DATE ENTERED INTO COMPUTER	
B. DATA ENTRY CLERK INITIALS	
C. COMMENTS	GMI NOV 04 1991

IMPLEMENTING AGENCY:
MICHIGAN STATE POLICE — FIRE MARSHAL DIVISION

TYPE OF NOTIFICATION: NEW REGISTRATION
 AMENDED INFORMATION
 CLOSURE

4 NO. OF TANKS AT FACILITY
1 NO. OF CONTINUATION SHEETS ATTACHED

INSTRUCTIONS: PLEASE TYPE OR PRINT IN INK ALL ITEMS EXCEPT "SIGNATURE" IN SECTION VIII. THIS FORM MUST BE COMPLETED FOR ALL LOCATIONS CONTAINING UNDERGROUND STORAGE TANKS. IF MORE THAN SEVEN TANKS ARE OWNED AT ONE FACILITY OR LOCATION, PHOTOCOPY PAGES 3 AND 4, AND STAPLE CONTINUATION SHEETS TO THE FORM.

REGISTRATION IS REQUIRED BY STATE LAW FOR ALL REGULATED UNDERGROUND STORAGE TANKS. UNLESS THE UNDERGROUND STORAGE TANK HAS BEEN PROPERLY CLOSED OR REMOVED AND NOTIFICATION PROVIDED TO THE STATE FIRE MARSHAL. IF A CHANGE SUCH AS A NEW OWNER, NEW OR UPDATED TANKS AND/OR PIPES TAKES PLACE AT THE FACILITY, A REGISTRATION FORM MUST ALSO BE SUBMITTED TO THE STATE FIRE MARSHAL INDICATING ANY CHANGE IN THE INFORMATION PREVIOUSLY SUBMITTED. THE INFORMATION REQUESTED IS REQUIRED BY SECTION 2 OF ACT NO. 423 P.A. OF 1984, AS AMENDED.

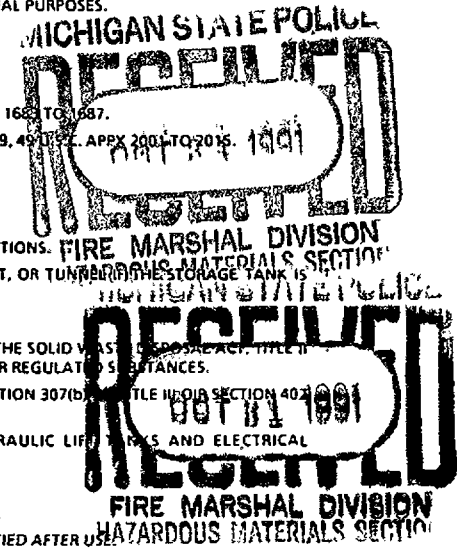
WHO MUST NOTIFY? UNLESS EXEMPTED, OWNERS OF UNDERGROUND TANKS THAT STORE OR STORED REGULATED SUBSTANCES MUST NOTIFY THE STATE FIRE MARSHAL OF THE EXISTENCE OF THEIR TANKS. OWNER MEANS ANY PERSON WHO OWNS, OR OWNED AT THE TIME OF A RELEASE, AN UNDERGROUND STORAGE TANK USED FOR THE STORAGE, USE, OR DISPENSING OF REGULATED SUBSTANCES.

WHAT TANKS ARE INCLUDED? UNDERGROUND STORAGE TANK IS DEFINED AS ANY ONE OR COMBINATION OF TANKS THAT (1) IS USED TO CONTAIN AN ACCUMULATION OF "REGULATED SUBSTANCES" AND (2) WHOSE VOLUME (INCLUDING CONNECTED UNDERGROUND PIPING) IS 10% OR MORE BENEATH THE GROUND.

WHAT SUBSTANCES ARE COVERED? THE REGISTRATION REQUIREMENTS APPLY TO UNDERGROUND STORAGE TANKS THAT CONTAIN REGULATED SUBSTANCES. THIS INCLUDES ANY SUBSTANCE DEFINED AS HAZARDOUS IN SECTION 101(14) OF THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT (CERCLA), WITH THE EXCEPTION OF THOSE SUBSTANCES REGULATED AS HAZARDOUS WASTE UNDER SUBTITLE C OF RCRA. IT ALSO INCLUDES PETROLEUM, E.G., CRUDE OIL OR ANY FRACTION THEREOF WHICH IS LIQUID AT STANDARD CONDITIONS OF TEMPERATURE AND PRESSURE (60 DEGREES FAHRENHEIT AND 14.7 POUNDS PER SQUARE INCH ABSOLUTE).

WHAT TANKS ARE EXCLUDED? TANKS THAT HAVE BEEN PROPERLY CLOSED OR REMOVED PRIOR TO JANUARY 1, 1974 ARE NOT SUBJECT TO REGISTRATION. OTHER TANKS EXCLUDED FROM REGISTRATION ARE:

1. A FARM OR RESIDENTIAL TANK OF 1,100 GALLONS OR LESS CAPACITY USED FOR STORING MOTOR FUEL FOR NONCOMMERCIAL PURPOSES.
2. A TANK USED FOR STORING HEATING OIL FOR CONSUMPTIVE USE ON THE PREMISES WHERE THE TANK IS LOCATED.
3. A SEPTIC TANK.
4. A PIPELINE FACILITY, INCLUDING GATHERING LINES REGULATED UNDER EITHER OF THE FOLLOWING:
 - A. THE NATURAL GAS PIPELINE SAFETY ACT OF 1968, PUBLIC LAW 90-481, 49 U.S.C. APPX 1671 TO 1677, 1679a TO 1682, AND 1685 TO 1687.
 - B. SECTIONS 201 TO 215 AND 217 OF THE HAZARDOUS LIQUID PIPELINE SAFETY ACT OF 1979, TITLE II OF PUBLIC LAW 96-129, 49 U.S.C. APPX 2001 TO 2015, 1991
5. A SURFACE IMPOUNDMENT, PIT, POND, OR LAGOON.
6. A STORM WATER OR WASTEWATER COLLECTION SYSTEM.
7. A FLOW-THROUGH PROCESS TANK.
8. A LIQUID TRAP OR ASSOCIATED GATHERING LINES DIRECTLY RELATED TO OIL OR GAS PRODUCTION AND GATHERING OPERATIONS.
9. A STORAGE TANK SITUATED IN AN UNDERGROUND AREA, SUCH AS A BASEMENT, CELLAR, MINERWORKING, DRIFT, SHAFT, OR TUNNEL. THE STORAGE TANK IS SITUATED UPON OR ABOVE THE SURFACE OF THE FLOOR.
10. ANY PIPES CONNECTED TO A TANK THAT IS DESCRIBED IN SUBPARAGRAPHS 1 TO 16
11. AN UNDERGROUND STORAGE TANK SYSTEM HOLDING HAZARDOUS WASTES LISTED OR IDENTIFIED UNDER SUBTITLE C OF THE SOLID WASTE DISPOSAL ACT, TITLE II OF PUBLIC LAW 89-272, 42 U.S.C. 6921 TO 6931 AND 6933 TO 6939b OR A MIXTURE OF SUCH HAZARDOUS WASTE AND OTHER REGULATED SUBSTANCES.
12. A WASTEWATER TREATMENT TANK SYSTEM THAT IS PART OF WASTEWATER TREATMENT FACILITY REGULATED UNDER SECTION 307(b) OF TITLE IV OF THE FEDERAL WATER POLLUTION CONTROL ACT, 33 U.S.C. 1317 AND 1342.
13. EQUIPMENT OR MACHINERY THAT CONTAINS REGULATED SUBSTANCES FOR OPERATIONAL PURPOSES SUCH AS HYDRAULIC LIFT PUMPS AND ELECTRICAL EQUIPMENT TANKS.
14. AN UNDERGROUND STORAGE TANK SYSTEM WITH A CAPACITY OF 110 GALLONS OR LESS.
15. AN UNDERGROUND STORAGE TANK SYSTEM THAT CONTAINS A DE MINIMIS CONCENTRATION OF REGULATED SUBSTANCES.
16. AN EMERGENCY SPILL OR OVERFLOW CONTAINMENT UNDERGROUND STORAGE TANK SYSTEM THAT IS EXPEDITIOUSLY EMPTIED AFTER USE.



WHERE TO NOTIFY? SEND COMPLETED FORMS TO:

DEPARTMENT OF STATE POLICE
 FIRE MARSHAL DIVISION
 HAZARDOUS MATERIALS SECTION
 3705 WEST JOLLY ROAD
 P.O. BOX 30157
 LANSING, MICHIGAN 48909

THERE IS A \$100.00 ANNUAL REGISTRATION FEE FOR EACH NEW TANK REGISTERED WITH THE STATE FIRE MARSHAL. MAKE CHECKS PAYABLE TO THE STATE OF MICHIGAN. PURSUANT TO ACT NO. 423 P.A. OF 1984, AS AMENDED, A CHECK OR MONEY ORDER FOR ALL NEW TANK REGISTRATIONS MUST ACCOMPANY THE REGISTRATION FORM BEFORE SUCH TANKS CAN BE CONSIDERED REGISTERED

I. OWNERSHIP OF TANKS

Shell Oil Company
OWNER NAME (CORPORATION/INDIVIDUAL, ETC.)

31275 Northwestern Hwy #145
STREET ADDRESS

Farmington Hills, MI 48334
CITY STATE ZIP

Oakland
COUNTY TOWNSHIP

(313) 932-2358 or 2300
TEL

TAX

II. LOCATION OF TANKS

IF SAME AS SECTION I, PLEASE CHECK

Shell Service Station
FACILITY NAME OR CO. SITE IDENTIFIER

975 S. Rochester / Avon
STREET ADDRESS (P.O. BOX NOT ACCEPTABLE)

Avon Township MI 48063
CITY STATE ZIP

Oakland
COUNTY TOWNSHIP

(313) 656-0080
TELEPHONE (INCLUDING AREA CODE)

***THIS INFORMATION IS CONFIDENTIAL. DISCLOSURE OF CONFIDENTIAL INFORMATION IS PROTECTED BY THE FEDERAL PRIVACY ACT.**

AUTHORITY: Act No. 423 P.A. of 1984, as amended.
COMPLIANCE: Required
PENALTIES: Any owner who knowingly fails to notify or submits false information shall be subject to a misdemeanor and or civil penalties not to exceed \$5,000 per day for each tank for which notification is not given or for which false information is submitted

III. TYPE OF OWNER	IV. INDIAN LANDS
<input type="checkbox"/> FEDERAL GOVERNMENT <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> STATE GOVERNMENT <input type="checkbox"/> PRIVATE <input type="checkbox"/> LOCAL GOVERNMENT	<input type="checkbox"/> TANKS ARE LOCATED ON LAND WITHIN AN INDIAN RESERVATION OR ON OTHER TRUST LANDS. <input type="checkbox"/> TANKS ARE OWNED BY NATIVE AMERICAN NATION, TRIBE, OR INDIVIDUAL. TRIBE OR NATION: _____

V. TYPE OF FACILITY

SELECT THE APPROPRIATE FACILITY DESCRIPTION:

<input checked="" type="checkbox"/> GAS STATION	<input type="checkbox"/> LOCAL GOVERNMENT	<input type="checkbox"/> CONTRACTOR
<input type="checkbox"/> PETROLEUM DISTRIBUTOR	<input type="checkbox"/> STATE GOVERNMENT	<input type="checkbox"/> TRUCKING/TRANSPORT
<input type="checkbox"/> AIR TAXI (AIRLINE)	<input type="checkbox"/> FEDERAL-NON MILITARY	<input type="checkbox"/> UTILITIES
<input type="checkbox"/> AIRCRAFT OWNER	<input type="checkbox"/> FEDERAL-MILITARY	<input type="checkbox"/> RESIDENTIAL
<input type="checkbox"/> AUTO DEALERSHIP	<input type="checkbox"/> COMMERCIAL	<input type="checkbox"/> FARM
<input type="checkbox"/> RAILROAD	<input type="checkbox"/> INDUSTRIAL	<input type="checkbox"/> OTHER (EXPLAIN) _____

VI. CONTACT PERSON IN CHARGE OF TANKS

NAME: Angela M. Faraci JOB TITLE: CM Environmental Analyst PHONE (AREA CODE): (313) 932-2358 or 2300

VII. FINANCIAL RESPONSIBILITY

I HAVE MET THE FINANCIAL RESPONSIBILITY REQUIREMENTS AS REQUIRED IN THE UST RULES

CHECK ALL THAT APPLY:

<input checked="" type="checkbox"/> SELF INSURANCE	<input type="checkbox"/> GUARANTEE	<input type="checkbox"/> STATE FUNDS
<input type="checkbox"/> COMMERCIAL INSURANCE	<input type="checkbox"/> SURETY BOND	<input type="checkbox"/> TRUST FUND
<input checked="" type="checkbox"/> RISK RETENTION GROUP	<input type="checkbox"/> LETTER OF CREDIT	<input type="checkbox"/> OTHER METHOD ALLOWED (PLEASE SPECIFY) _____

VIII. CERTIFICATION
(READ AND SIGN AFTER COMPLETING ALL SECTIONS)

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS, AND THAT BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THAT THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE.

NAME AND OFFICIAL TITLE OF OWNER OR OWNERS' AUTHORIZED REPRESENTATIVE (PRINT) <u>Angela M. Faraci</u> <u>CM Environmental Analyst</u>	SIGNATURE <u>Angela M. Faraci</u>	DATE <u>10-30-91</u>
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COMMENTS AND/OR CLARIFICATIONS TO THE FIRE MARSHAL STAFF:

Spill Containment/Overfill protection already installed on the gasoline tanks.

AMF

IX. DESCRIPTION OF UNDERGROUND STORAGE TANKS (COMPLETE FOR EACH TANK AT THIS LOCATION)

TANK IDENTIFICATION NUMBER	TANK #1	TANK #2	TANK #3	TANK #4	TANK #	TANK #	TANK #
1. STATUS OF TANKS (CHECK ONE) CURRENTLY IN USE TEMPORARILY OUT OF USE ** PERMANENTLY OUT OF USE ** AMENDMENT OF INFORMATION **ALSO COMPLETE SECTION X	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
2. DATE OF INSTALLATION	12/72	12/72	12/72	12/79			
3. ESTIMATED TOTAL CAPACITY (GAL)	10M	10M	6M	1M			
4. MATERIAL OF CONSTRUCTION (MARK ALL THAT APPLY) ASPHALT COATED OR BARE STEEL CATHODICALLY PROTECTED STEEL EPOXY COATED STEEL COMPOSITE (STEEL WITH FIBERGLASS) FIBERGLASS REINFORCED PLASTIC LINED INTERIOR DOUBLE WALLED POLYETHYLENE TANK JACKET EXCAVATION LINER CONCRETE UNKNOWN OTHER, (PLEASE SPECIFY) HAS TANK BEEN REPAIRED?	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
5. PIPING MATERIAL (MARK ALL THAT APPLY) BARE STEEL GALVANIZED STEEL FIBERGLASS REINFORCED PLASTIC COPPER CATHODICALLY PROTECTED DOUBLE WALLED SECONDARY CONTAINMENT UNKNOWN OTHER, (PLEASE SPECIFY)	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
6. PIPING (TYPE) (MARK ALL THAT APPLY) SUCTION: NO VALVE AT TANK SUCTION: VALVE AT TANK PRESSURE GRAVITY FED HAS PIPING BEEN REPAIRED?	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
7. SUBSTANCE CURRENTLY OR LAST STORED IN GREATEST QUANTITY BY VOLUME GASOLINE DIESEL GASOHOL KEROSENE FUEL OIL (NOT FOR CONSUMPTIVE USE ON PREMISES) USED OIL OTHER (PLEASE SPECIFY)	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
HAZARDOUS SUBSTANCE COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION & LIABILITY ACT (CERCLA) NAME AND/OR CHEMICAL ABSTRACT SERVICE (CAS) NUMBER	<input checked="" type="checkbox"/> _____ _____	<input checked="" type="checkbox"/> _____ _____	<input checked="" type="checkbox"/> _____ _____	<input checked="" type="checkbox"/> _____ _____	<input type="checkbox"/> _____ _____	<input type="checkbox"/> _____ _____	<input type="checkbox"/> _____ _____

Please see above

X. TANKS OUT OF USE OR CHANGE IN SERVICE

TANK IDENTIFICATION NUMBER	TANK #	TANK #	TANK #	TANK #	TANK #	TANK #	TANK #
1. CLOSING OF TANK							
A. ESTIMATED DATE LAST USED (MO/DAY/YR)	_____	_____	_____	_____	_____	_____	_____
B. ESTIMATED DATE TANK CLOSED (MO/DAY/YR)	_____	_____	_____	_____	_____	_____	_____
C. TANK WAS REMOVED FROM GROUND	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. TANK FILLED WITH INERT MATERIAL (SAND, CONCRETE, ETC.) DESCRIBE TYPE OF FILL USED AND REASON TANK WAS NOT REMOVED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. CHANGE IN SERVICE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. SITE ASSESSMENT COMPLETED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EVIDENCE OF A LEAK DETECTED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

XI. CERTIFICATION OF COMPLIANCE (COMPLETE FOR ALL NEW AND UPGRADED TANKS AT THIS LOCATION)

1. INSTALLATION														
A. INSTALLER CERTIFIED BY TANK AND PIPING MANUFACTURERS.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. INSTALLER CERTIFIED OR LICENSED BY THE STATE FIRE MARSHAL.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. INSTALLATION INSPECTED BY A REGISTERED ENGINEER.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. INSTALLATION INSPECTED AND APPROVED BY STATE FIRE MARSHAL.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. ANOTHER METHOD ALLOWED BY STATE FIRE MARSHAL. (PLEASE SPECIFY).	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
2. RELEASE DETECTION														
	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE	TANK	PIPE
A. MANUAL (STATIC) TANK GAUGING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. TANK TIGHTNESS TESTING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. INVENTORY CONTROL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
D. AUTOMATIC TANK GAUGING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E. VAPOR MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F. GROUNDWATER MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G. INTERSTITIAL MONITORING DOUBLE WALLED TANK/PIPING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
H. INTERSTITIAL MONITORING SECONDARY CONTAINMENT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I. AUTOMATIC LINE LEAK DETECTORS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
J. LINE TIGHTNESS TESTING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
K. OTHER METHOD ALLOWED BY IMPLEMENTING AGENCY (SPECIFY)	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
3. SPILL AND OVERFILL PROTECTION														
A. OVERFILL DEVICE INSTALLED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. SPILL DEVICE INSTALLED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PLEDGE: I CERTIFY THE INFORMATION CONCERNING INSTALLATION THAT IS PROVIDED IN SECTION XI IS TRUE TO THE BEST OF MY BELIEF AND KNOWLEDGE.

<p>INSTALLER</p> <p><u>M. Kowal</u></p> <p align="center">NAME/PRINTED</p> <p><u>Project Mgr</u></p> <p align="center">POSITION</p>	<p><u>M. Kowal</u></p> <p align="center">SIGNATURE</p> <p><u>Fuel Management Systems</u></p> <p align="center">COMPANY</p>	<p><u>10/14/91</u></p> <p align="center">DATE</p>
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MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND STORAGE TANK DIVISION

FACILITY NUMBER (SEE INVOICE) 0009055	
USTD USE ONLY	
UPGRADE/CANCEL DATE	INCIDENT NUMBER C-252-96
ENTRY DATE APR 29 1996	

RELEASE REPORT: SUSPECTED CONFIRMED

THIS INFORMATION IS REQUIRED UNDER 1994 PA 431, AS AMENDED (431-4311). FAILURE TO COMPLY WITH THE PROVISIONS OF THIS ACT MAY RESULT IN A MISDEMEANOR AND/OR CIVIL PENALTIES NOT TO EXCEED \$5000 PER DAY, PER TANK.

INSTRUCTIONS: The owner, operator, or consultant must report suspected and confirmed release reports to the Underground Storage Tank Division (USTD) within 24 hours of discovery. Phone 1-800-MICHUST or FAX this form to 517-335-2245. All information on this form must be provided regardless of whether the release is reported by telephone or FAX. If you have any questions, please contact the USTD at 517-373-8168.

PERSON REPORTING RELEASE ANGELA FARACI		COMPANY (IF NOT OWNER/OPERATOR) Shell Oil Products Co.		AREA CODE & TELEPHONE NUMBER 313-953-4345	
I. OWNERSHIP OF TANKS			II. LOCATION OF TANKS		
<input type="checkbox"/> PLEASE CHECK IF NEW ADDRESS			<input type="checkbox"/> PLEASE CHECK IF SAME AS SECTION I		
NAME OF OWNER (CORPORATION/INDIVIDUAL, ETC.) Shell Oil Products Company			FACILITY NAME OR COMPANY SITE IDENTIFIER Shell Station		
STREET ADDRESS 17370 Laurel Park suite 200			STREET ADDRESS (IF O Box Not Applicable) 975 Rochester/Avon		
CITY Livonia		STATE MI	ZIP CODE 48152	CITY ROCHESTER	STATE MI
AREA CODE & TELEPHONE NUMBER (313) 953-4300		CONTACT PERSON FOR LOCATION ISSAM FRANCIS		AREA CODE & TELEPHONE NUMBER (313) 656-0080	
DATE RELEASE DISCOVERED: 4-24-96			TIME RELEASE DISCOVERED: 3:00 PM		
SIZE OF TANK (Gallons)	SUBSTANCE RELEASED	CONSTRUCTION OF TANK	REASON FOR BELIEVING RELEASE OCCURRED (e.g. presence of product, failed tightness test, vapors, stains)		
10M	gasoline	STEEL	lab results showed		
10M	" "	STEEL	MTBE in soil		
6M	" "	STEEL			
COMMENTS:					
USTD USE ONLY					
DATE/TIME REPORTED 4/25/96 10:28		<input checked="" type="checkbox"/> AM <input type="checkbox"/> PM		<input type="checkbox"/> PHONE <input checked="" type="checkbox"/> FAX <input type="checkbox"/> VOICE MAIL	
DISTRIBUTION ORIGINAL: USTD, FACILITY FILE COPY: OWNER			USTD SIGNATURE Jeri Han		



JOHN ENGLER, Governor
DEPARTMENT OF ENVIRONMENTAL QUALITY
HOLLISTER BUILDING, PO BOX 30473, LANSING MI 48909-7973
RUSSELL J. HARDING, Director

REPLY TO:
UNDERGROUND STORAGE TANK DIVISION
TOWN CENTER
PO BOX 30157
LANSING MI 48909-7657

April 29, 1996

CERTIFIED MAIL

Dear Owner/Operator:

SUBJECT:

Underground Storage Tank System Release
Facility ID No. 0-009055
Confirmed Release No. C-252-96
SHELL SERVICE STATION
975 S ROCHESTER/AVON
ROCHESTER, MI 48037

On 04-25-96, the Department of Environmental Quality (DEQ), Underground Storage Tank Division (USTD), was notified that there was a release of a regulated substance from an underground storage tank (UST) system at the above location. Attached is a copy of the confirmed release report. This letter and attachments are to help your understanding of the following: site investigation and cleanup requirements; forms and reporting requirements; and penalties for late reports and fraud. If necessary, contact the USTD SOUTHEAST MICHIGAN DISTRICT OFFICE at (313) 953-0241 for further guidance. (Refer to attachments)

Cleanup Requirements

Part 213 specifies actions a UST owner or operator is required to take when a release is discovered. Please refer to Part 213 and the attached flow chart to help guide you through the requirements. USTD approval is needed for any institutional controls that are a part of the cleanup program. The USTD may audit or oversee all aspects of corrective actions undertaken pursuant to Part 213. To assist the USTD in this capacity, you are required to contact our District Office at least 48 hours prior to conducting on-site activities, using the attached forms.

Forms and Reports

The USTD requires the use of forms to assist in the reporting requirements. The required forms are available from the district office. A LUST report cover sheet should be submitted with each report. In addition, you are required to notify USTD of any changes to your UST system using a registration form.

Penalties

Be advised that pursuant to Section 21313a and 21323, the owner or operator is subject to penalties for not preparing and submitting the reports outlined in Part 213. Section 21324 provides that a person who submits or causes to be submitted false or misleading information may be found guilty of fraud.

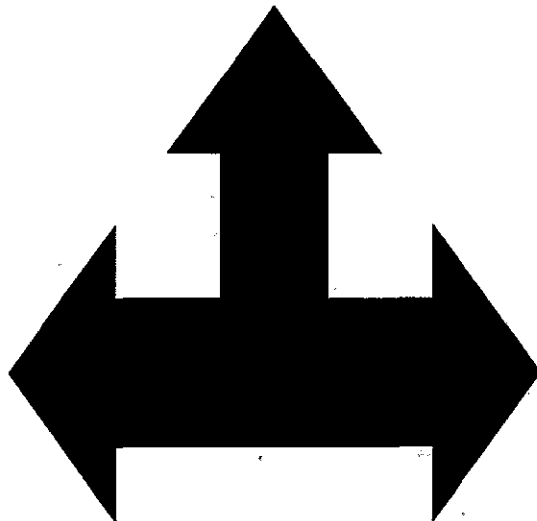
Please include the Facility ID No. found under "Subject" at the top of this notification with each submittal and on any future correspondence. Should you have questions regarding this letter, or need additional information, please contact the USTD SOUTHEAST MICHIGAN DISTRICT OFFICE at (313) 953-0241.

Sincerely,

Terri Harmon
Enforcement Unit

Enclosures

cc: SOUTHEAST MICHIGAN DISTRICT OFFICE



SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

3. Article Addressed to:

9055
 Angela Faraci
 Shell Oil
 17370 Laurel Plk Sk.200
 Livonia MI 48152

5. Received By: (Print Name)

6. Signature: (Addressee or Agent)

X *B. Jean*

PS Form 3811, December 1994

I also wish to receive the following services (for an extra fee):

- 1. Addressee's Address
- 2. Restricted Delivery

Consult postmaster for fee.

4a. Article Number

P 608 633 946

4b. Service Type

- Registered
- Express Mail
- Return Receipt for Merchandise
- Certified
- Insured
- COD

7. Date of Delivery

2/30/96

8. Addressee's Address (Only if requested and fee is paid)

Domestic Return Receipt

Thank you for using Return Receipt Service.

P 608 633 946

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to	
Street & Number	
Post Office, State, & ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, April 1995

02/13/96

08:02

8109534300

SHELL MI

001/001

9-1-517-335-2245

MICHIGAN DEPARTMENT OF NATURAL RESOURCES
UNDERGROUND STORAGE TANK DIVISION

DNR

Cancel per A. Faraci - hole at top of tank
No product lost 2/21/96
RELEASE REPORT: Suspected Confirmed

This information is required under Act 423, P.A. 1994, as amended. Failure to comply with the provisions of this Act may result in a misdemeanor and/or Civil penalties not to exceed \$5000 per day, per tank.

24 Hour Violation TLH FEB 28 1996 TLH FEB 17 1996 D-93-96

USTD USE ONLY	
UPGRADE/CANCEL DATE	FACILITY NUMBER
3/5/96	9055
D.E. CLERK INITIALS & DATE	INCIDENT NUMBER
	S-93-96

INSTRUCTIONS: The owner, operator, or consultant must report suspected and confirmed Release Reports to the Underground Storage Tank Division (USTD) within 24 hours of discovery. Phone 1-800-MICHUST or FAX this form to 517-335-2245. All information on this form must be provided regardless of whether the release is reported by telephone or FAX. If you have any questions, please contact USTD at 517-373-8168. See reverse side of this form for additional information.

PERSON REPORTING RELEASE: Angela Faraci	COMPANY (IF NOT OWNER/OPERATOR) Shell Oil Products Co.	AREA CODE & TELEPHONE NUMBER 313-9534300
--	---	---

I. OWNERSHIP OF TANKS		II. LOCATION OF TANKS	
<input type="checkbox"/> PLEASE CHECK IF NEW OWNER'S ADDRESS	<input type="checkbox"/> PLEASE CHECK IF SAME AS SECTION I		
NAME OF OWNER (CORPORATION/INDIVIDUAL, ETC.) Shell Oil Products Company	FACILITY NAME OR COMPANY SITE IDENTIFIER Shell Station		
STREET ADDRESS 17370 Laurel Pk #200	STREET ADDRESS (P.O. Box Not Acceptable) 975 Rochester / Avon		
CITY Livonia	CITY Rochester	STATE MI	ZIP CODE 48063
STATE MI	COUNTY Oakland	TOWNSHIP	
ZIP CODE 48152	CONTACT PERSON FOR LOCATION Dealer	AREA CODE & TELEPHONE NUMBER (810)6560080	
AREACODE & TELEPHONE NUMBER 313-953-4300	TIME RELEASE DISCOVERED: 3:30 pm		
DATE RELEASE DISCOVERED: 2-7-96			

SIZE OF TANK (Gallons)	SUBSTANCE RELEASED	CONSTRUCTION OF TANK	REASON FOR BELIEVING RELEASE OCCURRED (e.g. presence of product, failed tightness test, vapors, stains)
10,000	Regular Gasoline	Fiber glass	tank failed tightness test

COMMENTS:

USTD USE ONLY			
DATE/TIME REPORTED: 2/13/96 7:55	<input checked="" type="checkbox"/> AM <input type="checkbox"/> PM	<input type="checkbox"/> PHONE <input checked="" type="checkbox"/> FAX <input type="checkbox"/> VOICE MAIL	

DISTRIBUTION WHITE: UST DIVISION, FACILITY FILE	USTD SIGNATURE Jeri Han
COPY: MUSTFA	
COPY: OWNER	

9-1-517-335-2245

MICHIGAN DEPARTMENT OF NATURAL RESOURCES UNDERGROUND STORAGE TANK DIVISION DNR

USTD USE ONLY	
UPGRADE/CANCEL DATE	FACILITY NUMBER 9055
D.E. CLERK INITIALS & DATE	INCIDENT NUMBER

RELEASE REPORT: Suspected Confirmed

This information is required under Act 423, P.A. 1984, as amended. Failure to comply with the provisions of this Act may result in a misdemeanor and/or Civil penalties not to exceed \$5000 per day, per tank.

INSTRUCTIONS: The owner, operator, or consultant must report suspected and confirmed Release Reports to the Underground Storage Tank Division (USTD) within 24 hours of discovery. Phone 1-800-MICHUST or FAX this form to 517-335-2245. All information on this form must be provided regardless of whether the release is reported by telephone or FAX. If you have any questions, please contact USTD at 517-373-8168. See reverse side of this form for additional information.

PERSON REPORTING RELEASE Angela Faraci	COMPANY (IF NOT OWNER/OPERATOR) Shell Oil Products Co.	AREA CODE & TELEPHONE NUMBER 313-9534300
---	---	---

I. OWNERSHIP OF TANKS		II. LOCATION OF TANKS	
<input type="checkbox"/> PLEASE CHECK IF NEW OWNER'S ADDRESS		<input type="checkbox"/> PLEASE CHECK IF SAME AS SECTION I	
NAME OF OWNER (CORPORATION/INDIVIDUAL ETC.) Shell Oil Products Company		FACILITY NAME OR COMPANY SITE IDENTIFIER Shell Station	
STREET ADDRESS 17370 Laurel Pk #200		STREET ADDRESS (P.O. Box Not Acceptable) 975 Rochester / Avon	
CITY Livonia	STATE MI	CITY Rochester	STATE MI
ZIP CODE 48152		COUNTY Oakland	ZIP CODE 48043
AREA CODE & TELEPHONE NUMBER 313-953-4300		CONTACT PERSON FOR LOCATION Dealer	AREA CODE & TELEPHONE NUMBER (313)6560080
DATE RELEASE DISCOVERED: 2-7-96		TIME RELEASE DISCOVERED: 3:30pm	

SIZE OF TANK (Gallons)	SUBSTANCE RELEASED	CONSTRUCTION OF TANK	REASON FOR BELIEVING RELEASE OCCURRED (e.g. presence of product, failed tightness test, vapors, stains)
10,000	Regular Gasoline	Fiber glass	tank failed tightness test.

COMMENTS:

USTD USE ONLY

DATE/TIME REPORTED: _____ AM PM PHONE FAX VOICE MAIL

DISTRIBUTION WHITE: UST DIVISION, FACILITY FILE USTD SIGNATURE
COPY: MUSTFA
COPY: OWNER

9-1-517-335-2245

MICHIGAN DEPARTMENT OF NATURAL RESOURCES UNDERGROUND STORAGE TANK DIVISION DNR

USTD USE ONLY	
UPGRADE/CANCEL DATE	FACILITY NUMBER 9055
D.E. CLERK INITIALS & DATE	INCIDENT NUMBER

RELEASE REPORT: Suspected Confirmed

This information is required under Act 423, P.A. 1984, as amended. Failure to comply with the provisions of this Act may result in a misdemeanor and/or Civil penalties not to exceed \$5000 per day, per tank.

INSTRUCTIONS: The owner, operator, or consultant must report suspected and confirmed Release Reports to the Undergroud Storage Tank Division (USTD) within 24 hours of discovery. Phone 1-800-MICHUST or FAX this form to 517-335-2245. All information on this form must be provided regardless of whether the release is reported by telephone or FAX. If you have any questions, please contact USTD at 517-373-8168. See reverse side of this form for additional information.

PERSON REPORTING RELEASE Angela Faraci		COMPANY (IF NOT OWNER/OPERATOR) Shell Oil Products Co.	AREA CODE & TELEPHONE NUMBER 313-9534300
I. OWNERSHIP OF TANKS		II. LOCATION OF TANKS	
<input type="checkbox"/> PLEASE CHECK IF NEW OWNER'S ADDRESS		<input type="checkbox"/> PLEASE CHECK IF SAME AS SECTION I	
NAME OF OWNER (CORPORATION/INDIVIDUAL, ETC.) Shell Oil Products Company		FACILITY NAME OR COMPANY SITE IDENTIFIER Shell Station	
STREET ADDRESS 17370 Laurel Pk #200		STREET ADDRESS (P.O. Box Not Acceptable) 975 Rochester / Avon	
CITY Livonia	STATE MI	CITY Rochester	STATE MI
ZIP CODE 48152		ZIP CODE 48063	
AREA CODE & TELEPHONE NUMBER 313-953-4300		COUNTY Oakland	TOWNSHIP
DATE RELEASE DISCOVERED: 2-7-96		CONTACT PERSON FOR LOCATION Dealer	AREA CODE & TELEPHONE NUMBER (313) 6560080
		TIME RELEASE DISCOVERED: 3:30 pm	

SIZE OF TANK (Gallons)	SUBSTANCE RELEASED	CONSTRUCTION OF TANK	REASON FOR BELIEVING RELEASE OCCURRED (e.g. presence of product, failed tightness test, vapors, stains)
10,000	Regular Gasoline	Fiber glass	tank failed tightness test.

COMMENTS: Please CANCEL this suspected release. The tank was leaking from the top - No product was released 2-21-96

USTD USE ONLY

DATE/TIME REPORTED:

AM PM

PHONE FAX VOICE MAIL

DISTRIBUTION WHITE: UST DIVISION, FACILITY FILE COPY: MUSTFA COPY: OWNER

USTD SIGNATURE

REQ

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND STORAGE TANK DIVISION

9055

USTD USE ONLY

UPGRADE/CANCEL DATE

INCIDENT NUMBER

C-214-96

ENTRY DATE

APR 10 1996

RELEASE REPORT: SUSPECTED CONFIRMED

THIS INFORMATION IS REQUIRED UNDER 1994 PA 451, AS AMENDED (ACT 451). FAILURE TO COMPLY WITH THE PROVISIONS OF THIS ACT MAY RESULT IN A MISDEMEANOR AND/OR CIVIL PENALTIES NOT TO EXCEED \$5000 PER DAY, PER TANK.

INSTRUCTIONS: The owner, operator, or consultant must report suspected and confirmed release reports to the Underground Storage Tank Division (USTD) within 24 hours of discovery. Phone 1-800-MICHUST or FAX this form to 517-335-2245. All information on this form must be provided regardless of whether the release is reported by telephone or FAX. If you have any questions, please contact the USTD at 617-373-8188.

PERSON REPORTING RELEASE DARRYL D. BARRICKLOW		COMPANY (IF NOT OWNER/OPERATOR) ENECOTECH Midwest, Inc		AREA CODE & TELEPHONE NUMBER (810) 489-0809	
I. OWNERSHIP OF TANKS			II. LOCATION OF TANKS		
<input type="checkbox"/> PLEASE CHECK IF NEW ADDRESS			<input type="checkbox"/> PLEASE CHECK IF SAME AS SECTION I		
NAME OF OWNER (CORPORATION, INDIVIDUAL, ETC.) SHELL OIL PRODUCTS COMPANY			FACILITY NAME OR COMPANY SITE IDENTIFIER SHELL SERVICE STATION		
STREET ADDRESS 17370 LAUREL PARK DR. NORTH STE 200			STREET ADDRESS (P.O. Box Not Acceptable) 975 ROCHESTER		
CITY LIVONIA		STATE MI	ZIP CODE 48152	CITY ROCHESTER	STATE MI
AREA CODE & TELEPHONE NUMBER (313) 953-4341		CONTACT PERSON FOR LOCATION ANGELA FABACI		AREA CODE & TELEPHONE NUMBER (313) 953-4341	
E RELEASE DISCOVERED: 4/8/96			TIME RELEASE DISCOVERED: 3:38		
SIZE OF TANK (Gallons)	SUBSTANCE RELEASED	CONSTRUCTION OF TANK	REASON FOR BELIEVING RELEASE OCCURRED (e.g. presence of product, failed tightness test, vapors, stains)		
1,000	WASTE OIL	STEEL	FAILED TANK TIGHTNESS TEST		
COMMENTS: REPORTED AT REQUEST OF ANGELA FABACI					
USTD USE ONLY					
DATE/TIME REPORTED 4/9/96 14:22		<input type="checkbox"/> AM <input type="checkbox"/> PM		<input type="checkbox"/> PHONE <input checked="" type="checkbox"/> FAX <input type="checkbox"/> VOICE MAIL	
SUBMISSION ORIGINAL: USTD, FACILITY FILE COPY: OWNER			USTD SIGNATURE <i>Jeri Han</i>		

USTD USE ONLY	
UPGRADE/CANCEL DATE	INCIDENT NUMBER
ENTRY DATE	

RELEASE REPORT: SUSPECTED CONFIRMED

THIS INFORMATION IS REPORTED UNDER 40 CFR 146.101, AS AMENDED (40-159). FAILURE TO COMPLY WITH THE PROVISIONS OF THIS ACT MAY RESULT IN A MULTIPLE OR FLOOR CIVIL PENALTY UP TO \$500 PER DAY PER TANK.

INSTRUCTIONS: The owner, operator, or consultant must report suspected and confirmed release reports to the Underground Storage Tank Division (USTD) within 24 hours of discovery. Phone 1-800-MICJUST or FAX this form to 817-335-2245. All information on this form must be provided regardless of whether the release is reported by telephone or FAX. If you have any questions, please contact the USTD at 817-373-8168.

PERSON REPORTING RELEASE Doreyl D. Barwicklow	COMPANY (IF NOT OWNER/OPERATOR) ENCLOSURE NUMBER, INC	AREA CODE & TELEPHONE NUMBER (813) 489 0809
---	---	---

I. OWNERSHIP OF TANKS		II. LOCATION OF TANKS		
<input type="checkbox"/> PLEASE CHECK IF NEW ADDRESS		<input type="checkbox"/> PLEASE CHECK IF SAME AS SECTION I		
NAME OF OWNER (CORPORATION/INDIVIDUAL, ETC.) SHELL OIL PRODUCTS COMPANY		FACILITY NAME OR COMPANY SITE IDENTIFIER SHELL SERVICE STATION		
STREET ADDRESS 17210 LAUREL DRIVE Dr. North STE 200		STREET ADDRESS (IF DIFFERENT ADDRESS) 975 POCHMILLER		
CITY LYONIA	STATE MI	ZIP CODE 48152	CITY ROCHESTER	STATE MI
AREA CODE & TELEPHONE NUMBER (313) 953-4341		CONTACT PERSON FOR LOCATION ANGELA FARACI		
E RELEASE DISCOVERED: 4/8/96		TIME RELEASE DISCOVERED: 3:28		

SIZE OF TANK (Gallons)	SUBSTANCE RELEASED	CONSTRUCTION OF TANK	REASON FOR BELIEVING RELEASE OCCURRED (e.g. presence of product, failed tightness test, vapors, stains)
1,000	WASTE OIL	STEEL	FAILED TANK TIGHTNESS TEST

COMMENTS: **REPORTED AT REQUEST OF ANGELA FARACI**

USTD USE ONLY	
DATE/TIME REPORTED	<input type="checkbox"/> AM <input type="checkbox"/> PM <input type="checkbox"/> PHONE <input type="checkbox"/> FAX <input type="checkbox"/> VOICE MAIL
1 INJECTION ORIGINAL: USTD, FACILITY FILE COPY: OWNER	USTD SIGNATURE



JOHN ENGLER, Governor
DEPARTMENT OF ENVIRONMENTAL QUALITY
HOLLISTER BUILDING, PO BOX 30473, LANSING MI 48909-7973
RUSSELL J. HARDING, Director

REPLY TO:

UNDERGROUND STORAGE TANK DIVISION
TOWN CENTER
PO BOX 30157
LANSING MI 48909-7857

April 10, 1996

CERTIFIED MAIL

Dear Owner/Operator:

SUBJECT:

Underground Storage Tank System Release
Facility ID No. 0-009055
Confirmed Release No. C-214-96
SHELL SERVICE STATION
975 S ROCHESTER/AVON
ROCHESTER, MI 48037

On 04-09-96, the Department of Environmental Quality (DEQ), Underground Storage Tank Division (USTD), was notified that there was a release of a regulated substance from an underground storage tank (UST) system at the above mentioned location. Attached is a copy of the confirmed release report. This letter and attachments are to help your understanding of the following: the need to retain a Qualified UST Consultant (QC); site investigation and cleanup requirements; reporting requirements; forms requirements and penalties for late reports and fraud. Please seek assistance from the USTD SOUTHEAST MICHIGAN DISTRICT OFFICE at (313) 953-0241 for further guidance, if necessary. (A copy of the district offices and boundaries is attached for your reference.)

Qualified UST Consultant (QC)

The requirements for site investigation and cleanup, reporting, penalties, funds to assist cleanup and pollution liability insurance are in the Natural Resources and Environmental Response Act 1994 PA 451, as amended (Act 451). Part 213 of Act 451 requires you to retain a QC to perform the activities required at a LUST site. The USTD has prepared an interim list of QC's. The authority for establishing the QC list is provided under Part 215 of Act 451. Those on the current interim list (attached) are eligible to perform LUST corrective action services. The permanent Qualified UST Consultant list should be available in the Spring of 1996.

Cleanup Requirements

Part 213 specifies actions a UST owner or operator is required to take when a release is discovered. Please refer to Part 213 and the attached flow chart to help guide you through the requirements.

The Qualified Consultant is allowed to proceed with the preparation and implementation of corrective action workplans without prior USTD review or approval. USTD approval is needed for any institutional controls that are a part of the cleanup program. The USTD may audit or oversee all aspects of corrective actions undertaken pursuant to Part 213. To assist the USTD in this capacity, the QC is required to contact our District Office at least 48 hours prior to conducting on-site activities, using the attached form.

Forms and Reports

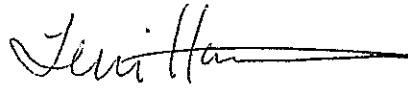
The USTD has created and requires the use of forms to assist in the reporting requirements. The required forms are available from the district office. The QC should submit a LUST report cover sheet with each report (enclosed). In addition, you are required to notify USTD of any changes to your UST system using a registration form (copy attached).

Penalties

Be advised that pursuant to Section 21313a and 21323, the owner or operator is subject to penalties for not preparing and submitting the reports outlined in Part 213. The owner or operator may, by contract, transfer the responsibility for paying these administrative penalties to a consultant retained by the owner or operator. Section 21324 provides that a person who submits or causes to be submitted false or misleading information may be found guilty of fraud.

Please include the Facility ID No. found under "Subject" at the top of this notification with each submittal and on any future correspondence. Should you have questions regarding this notification letter, or need additional information, please contact the USTD SOUTHEAST MICHIGAN DISTRICT OFFICE at (313) 953-0241.

Sincerely,



Terri Harmon
Enforcement Unit
Underground Storage Tank Division

Enclosures

cc: SOUTHEAST MICHIGAN DISTRICT OFFICE

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back, if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

3. Article Addressed to:

9055
 Angela Faraci
 Shell Oil
 17370 Laurel Park Dr N. Ste 200
 Livonia MI 48152

5. Received By: (Print Name)

6. Signature: (Addressee or Agent)

X *B. Long*

PS Form 3811, December 1994

Domestic Return Receipt

I also wish to receive the following services (for an extra fee):

1. Addressee's Address
 2. Restricted Delivery
- Consult postmaster for fee.

4a. Article Number

9608633912

4b. Service Type

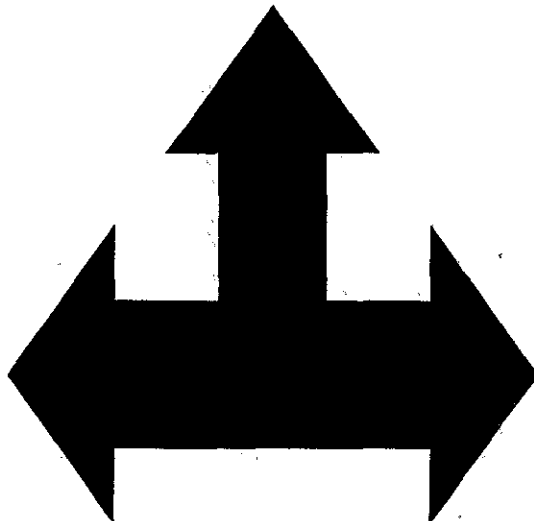
- Registered
- Express Mail
- Return Receipt for Merchandise
- COD
- Certified
- Insured
- COD

7. Date of Delivery

04/15/96

8. Addressee's Address (Only if requested and fee is paid)

Thank you for using Return Receipt Service.



P 608 633 912

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to	
Street & Number	
Post Office, State, & ZIP Code	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, April 1995

Department of Environmental Quality
Underground Storage Tank Division

96 JUN -5 PM 12:14
RECEIVED
MATT JUN 06 1996
ENVIRONMENTAL QUALITY
UST DIVISION

INSPECTION REPORT

Type of Inspection Performed: FINAL INSTALLATION INSPECTION

Type of Facility: PUBLIC AUTOMOTIVE SERVICE STATION Number of Tanks: 3

Site Contact: MATT--LARSON Site Phone Number: (810) 620-0070
Owner's Representative: ANGELA FARACI Representative's Phone: (313) 953-4345

OWNERSHIP OF TANKS
Owner Name: SHELL OIL CO
Address: 17370 LAUREL PK NORTH
SUITE 200
LIVONIA, MI 48152

LOCATION OF TANKS
Name: SHELL SERVICE STATION
Address: 975 S ROCHESTER/AVON
ROCHESTER, MI 48037
County: OAKLAND

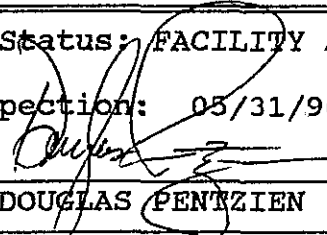
THE UST SYSTEM(S) AT THIS FACILITY WERE INSPECTED USING THE MICHIGAN UNDERGROUND STORAGE TANK RULES AND APPLICABLE SECTIONS OF THE 1992 MICHIGAN FLAMMABLE AND COMBUSTIBLE LIQUID RULES. THE FOLLOWING VIOLATIONS, IF ANY, WERE NOTED. THE SITE CONTACT PERSON WAS VERBALLY ADVISED OF THE VIOLATIONS AT THE TIME OF INSPECTION.

NO VIOLATIONS CITED

COMMENTS:

Inspection Status: FACILITY APPROVED

Date of Inspection: 05/31/96 Date Compliance is Required: <not applicable>

Signature: 
DOUGLAS PENTZIEN

AUTHORITY: 1994 PA 451
1941 PA 207
COMPLIANCE: Required
PENALTY: Misdemeanor,
Civil Penalties

SOUTHEAST MICHIGAN DISTRICT OFFICE
38980 SEVEN MILE ROAD
LIVONIA, MI 48152
Phone: (313) 432-1253
Fax: (313) 432-1295

REVISED FORM 2/21/96 *sun*

FM-56 (10/92)
Michigan State Police
STATE FIRE MARSHAL

INCIDENT # 5-93-96

MAIL TO: Michigan Department of State Police
FIRE MARSHAL DIVISION
Hazardous Materials Unit
7160 Harris Drive
Lansing, MI 48913

AUTHORITY: 1984 PA 423
COMPLIANCE: Required
PENALTY: Misdemeanor

UNDERGROUND TANK RESTORATION

SECTION 1: TANK REPAIR NOTIFICATION

9055

NAME OF APPLICATOR FIRM <i>Annun Shield of ILLINOIS</i>		DATE OF NOTIFICATION <i>2-21-96</i>	
ADDRESS <i>902 SUAN BURN NEWTON, IL 62448</i>		TELEPHONE NO. <i>618-783-2079</i>	
RELINING MATERIAL TO BE USED <i>TL 300m</i>	MANUFACTURED BY <i>Annun shield</i>	INSURANCE CERTIFICATE <input checked="" type="checkbox"/> AT STATE FM <input type="checkbox"/> ATTACHED	
NAME OF FIRM WHERE TANKS ARE LOCATED <i>SHELL STATION</i>		TELEPHONE NO. <i>810-656-0080</i>	
ADDRESS <i>975 Rochester + AVON Rochester Hills, MI 48063</i>			
COUNTY <i>OAKLAND</i>	FACILITY TYPE <i>SERVICE STATION</i>		
REASON FOR RELINING (Check One)			
	Tank No. 1	Tank No. 2	Tank No. 3
Preventative Maintenance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Repair Leaks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EST. DATE OF EVALUATION <i>2-20-96</i>	EST. DATE OF TANK PREPARATION <i>2-21-96</i>		EST. DATE OF PRODUCT APPLICATION <i>2-21-96</i>
EST. DATE OF LINING TEST <i>2-23-96</i>	EST. DATE OF TANK CLOSING <i>2-24-96</i>		EST. DATE OVERFILL PROTECTION INSTALLED <i>N/A</i>
EST. DATE OF REQUIRED TANK TEST <i>2-27-96</i>			EST. DATE OF PROJECT COMPLETION <i>2-27-96</i>

SECTION 2: CERTIFICATE OF PERFORMANCE

RELINING MATERIAL USED <i>TL 300m</i>	MANUFACTURED BY <i>ANNUN SHIELD</i>	COMPLETION DATE <i>3-1-96</i>
TANK 1 CONSTRUCTION <input checked="" type="checkbox"/> STEEL <input type="checkbox"/> NONMETALLIC	CAPACITY <i>10,000</i>	YEAR INSTALLED <i>N/A</i>
PRODUCT TO BE STORED <input type="checkbox"/> GASOLINE W/LEAD <input checked="" type="checkbox"/> GASOLINE W/O LEAD <input type="checkbox"/> GASOLINE W/ALCOHOL <input type="checkbox"/> FUEL OIL/DIESEL <input type="checkbox"/> OTHER		
TANK STATUS <input type="checkbox"/> REPAIRED <input checked="" type="checkbox"/> RELINED* <input type="checkbox"/> ABANDONED <input type="checkbox"/> REMOVED <input type="checkbox"/> OVERFILL PROTECTION INSTALLED <input type="checkbox"/> WORK CANCELLED BY OWNER		
TANK 2 CONSTRUCTION <input checked="" type="checkbox"/> STEEL <input type="checkbox"/> NONMETALLIC	CAPACITY <i>10,000</i>	YEAR INSTALLED <i>N/A</i>
PRODUCT TO BE STORED <input type="checkbox"/> GASOLINE W/LEAD <input checked="" type="checkbox"/> GASOLINE W/O LEAD <input type="checkbox"/> GASOLINE W/ALCOHOL <input type="checkbox"/> FUEL OIL/DIESEL <input type="checkbox"/> OTHER		
TANK STATUS <input type="checkbox"/> REPAIRED <input checked="" type="checkbox"/> RELINED* <input type="checkbox"/> ABANDONED <input type="checkbox"/> REMOVED <input type="checkbox"/> OVERFILL PROTECTION INSTALLED <input type="checkbox"/> WORK CANCELLED BY OWNER		
TANK 3 CONSTRUCTION <input checked="" type="checkbox"/> STEEL <input type="checkbox"/> NONMETALLIC	CAPACITY <i>6000</i>	YEAR INSTALLED <i>N/A</i>
PRODUCT TO BE STORED <input type="checkbox"/> GASOLINE W/LEAD <input checked="" type="checkbox"/> GASOLINE W/O LEAD <input type="checkbox"/> GASOLINE W/ALCOHOL <input type="checkbox"/> FUEL OIL/DIESEL <input type="checkbox"/> OTHER		
TANK STATUS <input type="checkbox"/> REPAIRED <input checked="" type="checkbox"/> RELINED* <input type="checkbox"/> ABANDONED <input type="checkbox"/> REMOVED <input type="checkbox"/> OVERFILL PROTECTION INSTALLED <input type="checkbox"/> WORK CANCELLED BY OWNER		
TANK 4 CONSTRUCTION <input type="checkbox"/> STEEL <input type="checkbox"/> NONMETALLIC	CAPACITY	YEAR INSTALLED
PRODUCT TO BE STORED <input type="checkbox"/> GASOLINE W/LEAD <input type="checkbox"/> GASOLINE W/O LEAD <input type="checkbox"/> GASOLINE W/ALCOHOL <input type="checkbox"/> FUEL OIL/DIESEL <input type="checkbox"/> OTHER		
TANK STATUS <input type="checkbox"/> REPAIRED <input type="checkbox"/> RELINED* <input type="checkbox"/> ABANDONED <input type="checkbox"/> REMOVED <input type="checkbox"/> OVERFILL PROTECTION INSTALLED <input type="checkbox"/> WORK CANCELLED BY OWNER		

*IF "RELINED" BOX IS CHECKED, THE TANK PREPARATION AND PRODUCT APPLICATION MUST COMPLY WITH THE SEALANT MANUFACTURER'S SPECIFICATIONS, WHICH MUST BE REGISTERED WITH THE STATE FIRE MARSHAL.

SIGNATURE OF QUALIFIED APPLICATOR <i>[Signature]</i>	DATE CERTIFICATE SUBMITTED <i>3-4-96</i>
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REVISED Form 2-21-96

new form submitted!

UNDERGROUND TANK RESTORATION

SECTION 1: TANK REPAIR NOTIFICATION

NAME OF APPLICATOR FIRM ARMOR SHIELD OF ILLINOIS		DATE OF NOTIFICATION 2-13-96	
ADDRESS 902 S VAN BUREN NEWTON, IL 62448		TELEPHONE NO. 618-783-2019	
RELINING MATERIAL TO BE USED TL 300M	MANUFACTURED BY ARMOR SHIELD	INSURANCE CERTIFICATE <input checked="" type="checkbox"/> AT STATE FM <input type="checkbox"/> ATTACHED	
NAME OF FIRM WHERE TANKS ARE LOCATED SHELL STATION		TELEPHONE NO. Ph# 810-656-0080	
ADDRESS 975 ROCHESTER & AVON ROCHESTER HILLS, MI 48063			
COUNTY OAKLAND	FACILITY TYPE SERVICE STATION		
REASON FOR RELINING (Check One)			
	Tank No. 1	Tank No. 2	Tank No. 3
Preventative Maintenance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Repair Leaks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EST. DATE OF EVALUATION 2-27-96	EST. DATE OF TANK PREPARATION 2-27-96		EST. DATE OF PRODUCT APPLICATION 2-28-96
EST. DATE OF LINING TEST 2-28-96	EST. DATE OF TANK CLOSING 2-28-96		EST. DATE OVERFILL PROTECTION INSTALLED N/A
EST. DATE OF REQUIRED TANK TEST 2-28-96			EST. DATE OF PROJECT COMPLETION 2-28-96

SECTION 2: CERTIFICATE OF PERFORMANCE

RELINING MATERIAL USED	MANUFACTURED BY	COMPLETION DATE
TANK 1 CONSTRUCTION <input type="checkbox"/> STEEL <input type="checkbox"/> NONMETALLIC	CAPACITY	YEAR INSTALLED
PRODUCT TO BE STORED <input type="checkbox"/> GASOLINE W/LEAD <input type="checkbox"/> GASOLINE W/O LEAD <input type="checkbox"/> GASOLINE W/ALCOHOL <input type="checkbox"/> FUEL OIL/DIESEL <input type="checkbox"/> OTHER		
TANK STATUS <input type="checkbox"/> REPAIRED <input type="checkbox"/> RELINED* <input type="checkbox"/> ABANDONED <input type="checkbox"/> REMOVED <input type="checkbox"/> OVERFILL PROTECTION INSTALLED <input type="checkbox"/> WORK CANCELLED BY OWNER		
TANK 2 CONSTRUCTION <input type="checkbox"/> STEEL <input type="checkbox"/> NONMETALLIC	CAPACITY	YEAR INSTALLED
PRODUCT TO BE STORED <input type="checkbox"/> GASOLINE W/LEAD <input type="checkbox"/> GASOLINE W/O LEAD <input type="checkbox"/> GASOLINE W/ALCOHOL <input type="checkbox"/> FUEL OIL/DIESEL <input type="checkbox"/> OTHER		
TANK STATUS <input type="checkbox"/> REPAIRED <input type="checkbox"/> RELINED* <input type="checkbox"/> ABANDONED <input type="checkbox"/> REMOVED <input type="checkbox"/> OVERFILL PROTECTION INSTALLED <input type="checkbox"/> WORK CANCELLED BY OWNER		
TANK 3 CONSTRUCTION <input type="checkbox"/> STEEL <input type="checkbox"/> NONMETALLIC	CAPACITY	YEAR INSTALLED
PRODUCT TO BE STORED <input type="checkbox"/> GASOLINE W/LEAD <input type="checkbox"/> GASOLINE W/O LEAD <input type="checkbox"/> GASOLINE W/ALCOHOL <input type="checkbox"/> FUEL OIL/DIESEL <input type="checkbox"/> OTHER		
TANK STATUS <input type="checkbox"/> REPAIRED <input type="checkbox"/> RELINED* <input type="checkbox"/> ABANDONED <input type="checkbox"/> REMOVED <input type="checkbox"/> OVERFILL PROTECTION INSTALLED <input type="checkbox"/> WORK CANCELLED BY OWNER		
TANK 4 CONSTRUCTION <input type="checkbox"/> STEEL <input type="checkbox"/> NONMETALLIC	CAPACITY	YEAR INSTALLED
PRODUCT TO BE STORED <input type="checkbox"/> GASOLINE W/LEAD <input type="checkbox"/> GASOLINE W/O LEAD <input type="checkbox"/> GASOLINE W/ALCOHOL <input type="checkbox"/> FUEL OIL/DIESEL <input type="checkbox"/> OTHER		
TANK STATUS <input type="checkbox"/> REPAIRED <input type="checkbox"/> RELINED* <input type="checkbox"/> ABANDONED <input type="checkbox"/> REMOVED <input type="checkbox"/> OVERFILL PROTECTION INSTALLED <input type="checkbox"/> WORK CANCELLED BY OWNER		

*IF "RELINED" BOX IS CHECKED, THE TANK PREPARATION AND PRODUCT APPLICATION MUST COMPLY WITH THE SEALANT MANUFACTURER'S SPECIFICATIONS, WHICH MUST BE REGISTERED WITH THE STATE FIRE MARSHAL.

SIGNATURE OF QUALIFIED APPLICATOR X	DATE CERTIFICATE SUBMITTED
---	----------------------------

REVISED FORM 2/21/96 SW

FM-56 (10/92)
Michigan State Police
STATE FIRE MARSHAL

Incident # 5-93-96
Loyal 2696

MAIL TO: Michigan Department of State Police
FIRE MARSHAL DIVISION
Hazardous Materials Unit
7150 Harris Drive
Lansing, MI 48913

AUTHORITY: 1984 PA 423
COMPLIANCE: Required
PENALTY: Misdemeanor

SECTION 1: TANK REPAIR NOTIFICATION

9055

NAME OF APPLICATOR FIRM <i>ANNON SHIELD OF ILLINOIS</i>		DATE OF NOTIFICATION <i>2-21-96</i>	
ADDRESS <i>902 SUAN BURN NEWTON, IL 62448</i>		TELEPHONE NO. <i>618-783-2019</i>	
RELINING MATERIAL TO BE USED <i>TL 300M</i>	MANUFACTURED BY <i>ANNON SHIELD</i>	INSURANCE CERTIFICATE <input checked="" type="checkbox"/> AT STATE FM <input type="checkbox"/> ATTACHED	
NAME OF FIRM WHERE TANKS ARE LOCATED <i>SHELL STATION</i>		TELEPHONE NO. <i>810-656-0080</i>	
ADDRESS <i>975 Rockstar + AVON Rochester Hills, MI 48063</i>			
COUNTY <i>OAKLAND</i>	FACILITY TYPE <i>SERVICE STATION</i>		
REASON FOR RELINING (Check One)	Tank No. 1	Tank No. 2	Tank No. 3
Preventative Maintenance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Repair Leaks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EST. DATE OF EVALUATION <i>2-27-96</i>	EST. DATE OF TANK PREPARATION <i>2-20-96</i>		EST. DATE OF PRODUCT APPLICATION <i>2-23-96</i>
EST. DATE OF LINING TEST <i>2-23-96</i>	EST. DATE OF TANK CLOSING <i>2-24-96</i>		EST. DATE OVERFILL PROTECTION INSTALLED <i>N/A</i>
EST. DATE OF REQUIRED TANK TEST <i>2-27-96</i>		EST. DATE OF PROJECT COMPLETION <i>2-27-96</i>	

SECTION 2: CERTIFICATE OF PERFORMANCE

RELINING MATERIAL USED	MANUFACTURED BY	COMPLETION DATE
TANK 1 CONSTRUCTION <input type="checkbox"/> STEEL <input type="checkbox"/> NONMETALLIC	CAPACITY	YEAR INSTALLED
PRODUCT TO BE STORED <input type="checkbox"/> GASOLINE W/LEAD <input type="checkbox"/> GASOLINE W/O LEAD <input type="checkbox"/> GASOLINE W/ALCOHOL <input type="checkbox"/> FUEL OIL/DIESEL <input type="checkbox"/> OTHER		
TANK STATUS <input type="checkbox"/> REPAIRED <input type="checkbox"/> RELINED* <input type="checkbox"/> ABANDONED <input type="checkbox"/> REMOVED <input type="checkbox"/> OVERFILL PROTECTION INSTALLED <input type="checkbox"/> WORK CANCELLED BY OWNER		
TANK 2 CONSTRUCTION <input type="checkbox"/> STEEL <input type="checkbox"/> NONMETALLIC	CAPACITY	YEAR INSTALLED
PRODUCT TO BE STORED <input type="checkbox"/> GASOLINE W/LEAD <input type="checkbox"/> GASOLINE W/O LEAD <input type="checkbox"/> GASOLINE W/ALCOHOL <input type="checkbox"/> FUEL OIL/DIESEL <input type="checkbox"/> OTHER		
TANK STATUS <input type="checkbox"/> REPAIRED <input type="checkbox"/> RELINED* <input type="checkbox"/> ABANDONED <input type="checkbox"/> REMOVED <input type="checkbox"/> OVERFILL PROTECTION INSTALLED <input type="checkbox"/> WORK CANCELLED BY OWNER		
TANK 3 CONSTRUCTION <input type="checkbox"/> STEEL <input type="checkbox"/> NONMETALLIC	CAPACITY	YEAR INSTALLED
PRODUCT TO BE STORED <input type="checkbox"/> GASOLINE W/LEAD <input type="checkbox"/> GASOLINE W/O LEAD <input type="checkbox"/> GASOLINE W/ALCOHOL <input type="checkbox"/> FUEL OIL/DIESEL <input type="checkbox"/> OTHER		
TANK STATUS <input type="checkbox"/> REPAIRED <input type="checkbox"/> RELINED* <input type="checkbox"/> ABANDONED <input type="checkbox"/> REMOVED <input type="checkbox"/> OVERFILL PROTECTION INSTALLED <input type="checkbox"/> WORK CANCELLED BY OWNER		
TANK 4 CONSTRUCTION <input type="checkbox"/> STEEL <input type="checkbox"/> NONMETALLIC	CAPACITY	YEAR INSTALLED
PRODUCT TO BE STORED <input type="checkbox"/> GASOLINE W/LEAD <input type="checkbox"/> GASOLINE W/O LEAD <input type="checkbox"/> GASOLINE W/ALCOHOL <input type="checkbox"/> FUEL OIL/DIESEL <input type="checkbox"/> OTHER		
TANK STATUS <input type="checkbox"/> REPAIRED <input type="checkbox"/> RELINED* <input type="checkbox"/> ABANDONED <input type="checkbox"/> REMOVED <input type="checkbox"/> OVERFILL PROTECTION INSTALLED <input type="checkbox"/> WORK CANCELLED BY OWNER		

*IF "RELINED" BOX IS CHECKED, THE TANK PREPARATION AND PRODUCT APPLICATION MUST COMPLY WITH THE SEALANT MANUFACTURER'S SPECIFICATIONS, WHICH MUST BE REGISTERED WITH THE STATE FIRE MARSHAL.

SIGNATURE OF QUALIFIED APPLICATOR X	DATE CERTIFICATE SUBMITTED
---	----------------------------

Armor Shield Of Illinois

902 S. VAN BUREN STREET
NEWTON, ILLINOIS 62440
PHONE (618) 783-2019
FAX # (618) 783-3527

FAX TRANSMITTAL

Date: 2-21-96
To: FIRE MARSHAL DIVISION
Attn: MIKE MADRY
From: Scott LUSTIG
Re: REVISED NOTIFICATION

COMMENTS

MIKE

Please find the revised notification for
the shell station in Rollaster Hills, MI.

We will be lining (2) additional users
at this site.

If you have any questions please give
me a call at 618-783-2019

Armor Shield Of Illinois

902 S. VAN BUREN STREET
NEWTON, ILLINOIS 62448
PHONE (618) 783-2019
FAX (618) 783-3527

FAX TRANSMITTAL

Date: 2-21-96
 To: FIRE MARSHAL DIVISION
 Attn: MIKE KADRY
 From: Scott Little
 Re: REVISED NOTIFICATION

COMMENTS

MIKE

PLEASE FIND THE REVISED NOTIFICATION FOR THE SHELL STATION IN ROCKFORD HILLS, ILL.

WE WILL BE LINING (2) ADDITIONAL USFS AT THIS SITE.

IF YOU HAVE ANY QUESTIONS PLEASE GIVE ME A CALL AT 618-783-2019

REVISED FORM 2/21/96 SWJ

Michigan State Police
STATE FIRE MARSHAL

INCIDENT # 5-93-96

MAIL TO: Michigan Department of State Police
FIRE MARSHAL DIVISION
Hazardous Materials Unit
7150 Harco Drive
Lansing, MI 48910

AUTHORITY: 1984 PA 423
COMPLIANCE: Required
PENALTY: Misdeamorty

UNDERGROUND TANK RESTORATION

SECTION 1: TANK REPAIR NOTIFICATION

NAME OF APPLICATOR FIRM <i>ARMOR Shield of ILLINOIS</i>		DATE OF NOTIFICATION <i>2-21-96</i>	
ADDRESS <i>902 SWAN BURN NEWTON, IL 62448</i>		TELEPHONE NO. <i>618-782-2019</i>	
RELINING MATERIAL TO BE USED <i>TL 300M</i>	MANUFACTURED BY <i>ARMOR Shield</i>	INSURANCE CERTIFICATE <input checked="" type="checkbox"/> AT STATE FM <input type="checkbox"/> ATMA	
NAME OF FIRM WHERE TANKS ARE LOCATED <i>SHELL STATION</i>		TELEPHONE NO. <i>810-656-0780</i>	
ADDRESS <i>975 Rochester + AVON Rochester Hills, MI 48063</i>			
COUNTY <i>OAKLAND</i>	FACILITY TYPE <i>SERVICE STATION</i>		
REASON FOR RELINING (Check One)	Tank No. 1	Tank No. 2	Tank No. 3
Preventative Maintenance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Repair Leaks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EST. DATE OF EVALUATION <i>2-20-96</i>	EST. DATE OF TANK PREPARATION <i>2-21-96</i>		EST. DATE OF PRODUCT APPLICATION <i>2-21-96</i>
EST. DATE OF LINING TEST <i>2-23-96</i>	EST. DATE OF TANK CLOSING <i>2-24-96</i>		EST. DATE OVERFILL PROTECTION INSTALLED <i>N/A</i>
EST. DATE OF REQUIRED TANK TEST <i>2-27-96</i>			EST. DATE OF PROJECT COMPLETION <i>2-27-96</i>

SECTION 2: CERTIFICATE OF PERFORMANCE

RELINING MATERIAL USED	MANUFACTURED BY	COMPLETION DATE
TANK 1 CONSTRUCTION <input type="checkbox"/> STEEL <input type="checkbox"/> NONMETALLIC	CAPACITY	YEAR INSTALLED
PRODUCT TO BE STORED <input type="checkbox"/> GASOLINE W/LEAD <input type="checkbox"/> GASOLINE W/O LEAD <input type="checkbox"/> GASOLINE W/ALCOHOL <input type="checkbox"/> FUEL OIL/DIESEL <input type="checkbox"/> OTHER	TANK STATUS <input type="checkbox"/> REPAIRED <input type="checkbox"/> RELINED <input type="checkbox"/> ABANDONED <input type="checkbox"/> REMOVED <input type="checkbox"/> OVERFILL PROTECTION INSTALLED <input type="checkbox"/> WORK CANCELLED BY OWNER	
TANK 2 CONSTRUCTION <input type="checkbox"/> STEEL <input type="checkbox"/> NONMETALLIC	CAPACITY	YEAR INSTALLED
PRODUCT TO BE STORED <input type="checkbox"/> GASOLINE W/LEAD <input type="checkbox"/> GASOLINE W/O LEAD <input type="checkbox"/> GASOLINE W/ALCOHOL <input type="checkbox"/> FUEL OIL/DIESEL <input type="checkbox"/> OTHER	TANK STATUS <input type="checkbox"/> REPAIRED <input type="checkbox"/> RELINED <input type="checkbox"/> ABANDONED <input type="checkbox"/> REMOVED <input type="checkbox"/> OVERFILL PROTECTION INSTALLED <input type="checkbox"/> WORK CANCELLED BY OWNER	
TANK 3 CONSTRUCTION <input type="checkbox"/> STEEL <input type="checkbox"/> NONMETALLIC	CAPACITY	YEAR INSTALLED
PRODUCT TO BE STORED <input type="checkbox"/> GASOLINE W/LEAD <input type="checkbox"/> GASOLINE W/O LEAD <input type="checkbox"/> GASOLINE W/ALCOHOL <input type="checkbox"/> FUEL OIL/DIESEL <input type="checkbox"/> OTHER	TANK STATUS <input type="checkbox"/> REPAIRED <input type="checkbox"/> RELINED <input type="checkbox"/> ABANDONED <input type="checkbox"/> REMOVED <input type="checkbox"/> OVERFILL PROTECTION INSTALLED <input type="checkbox"/> WORK CANCELLED BY OWNER	
TANK 4 CONSTRUCTION <input type="checkbox"/> STEEL <input type="checkbox"/> NONMETALLIC	CAPACITY	YEAR INSTALLED
PRODUCT TO BE STORED <input type="checkbox"/> GASOLINE W/LEAD <input type="checkbox"/> GASOLINE W/O LEAD <input type="checkbox"/> GASOLINE W/ALCOHOL <input type="checkbox"/> FUEL OIL/DIESEL <input type="checkbox"/> OTHER	TANK STATUS <input type="checkbox"/> REPAIRED <input type="checkbox"/> RELINED <input type="checkbox"/> ABANDONED <input type="checkbox"/> REMOVED <input type="checkbox"/> OVERFILL PROTECTION INSTALLED <input type="checkbox"/> WORK CANCELLED BY OWNER	
<p>IF RELINED, OWNER MUST CHECK THE TANK PREPARATION AND PRODUCT APPLICATION MUST COMPLY WITH THE SEVERAL MANUFACTURER'S SPECIFICATIONS, WHICH MUST BE REGISTERED WITH THE STATE FIRE MARSHAL.</p>		
SIGNATURE OF QUALIFIED APPLICATOR <i>X</i>		DATE CERTIFICATE SUBMITTED

REVISED FORM 2/21/96 *SW*

FM-96 (10/92)
Michigan State Police
STATE FIRE MARSHAL
UNDERGROUND TANK RESTORATION

INCIDENT # 5-93-96

Michigan Department of State Police
FIRE MARSHAL DIVISION
Richardson "Motorists Inn"
7150 State Drive
Lansing, MI 48213

AUTHORITY:	1984 PA 423
COMPLIANCE:	Reg. 66
PENALTY:	Misdemeanor

SECTION 1: TANK REPAIR NOTIFICATION

NAME OF APPLICATOR FIRM <i>ANNON SHEILD OF ILLINOIS</i>		DATE OF NOTIFICATION <i>2-21-96</i>	
ADDRESS <i>902 SWAN GARDEN NEWTON, IL 62449</i>		TELEPHONE NO. <i>618-763-2019</i>	
RELINING MATERIAL TO BE USED <i>72 300m</i>	MANUFACTURED BY <i>ANNON SHEILD</i>	INSURANCE CERTIFICATE <input type="checkbox"/> AT STATE FIA <input type="checkbox"/> OTHER	
NAME OF FIRM WHERE TANKS ARE LOCATED <i>SHELL STATION</i>		TELEPHONE NO. <i>810-656-4000</i>	
ADDRESS <i>975 MacLester & AUNN Cochran Hills, MI 48113</i>			
COUNTY <i>OAKLAND</i>	FACILITY TYPE <i>SERVICE STATION</i>		
REASON FOR RELINING (Check One)	Tank No. 1	Tank No. 2	Tank No. 3
Preventative Maintenance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Repair Leaks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EST. DATE OF EVALUATION <i>2-20-96</i>	EST. DATE OF TANK PREPARATION <i>2-21-96</i>	EST. DATE OF PROJECT COMPLETION <i>2-21-96</i>	
EST. DATE OF LEAK TEST <i>2-23-96</i>	EST. DATE OF TANK CLOSING <i>2-24-96</i>	EST. DATE OVERFILL PROTECTION <i>N/A</i>	
EST. DATE OF REQUIRED TANK TEST <i>2-27-96</i>	EST. DATE OF PROJECT COMPLETION <i>2-27-96</i>		

SECTION 2: CERTIFICATE OF PERFORMANCE

RELINING MATERIAL USED	MANUFACTURED BY	COMPLETION DATE
TANK 1 CONSTRUCTION <input type="checkbox"/> STEEL <input type="checkbox"/> NONMETALLIC	CAPACITY	YEAR INSTALLED
PRODUCT TO BE STORED <input type="checkbox"/> GASOLINE W/LEAD <input type="checkbox"/> GASOLINE W/O LEAD <input type="checkbox"/> GASOLINE W/ALCOHOL <input type="checkbox"/> FUEL OIL/DIESEL <input type="checkbox"/> OTHER	TANK STATUS <input type="checkbox"/> REPAIRED <input type="checkbox"/> RELINED* <input type="checkbox"/> ABANDONED <input type="checkbox"/> REMOVED <input type="checkbox"/> OVERFILL PROTECTION INSTALLED <input type="checkbox"/> WORK CANCELLED BY	
TANK 2 CONSTRUCTION <input type="checkbox"/> STEEL <input type="checkbox"/> NONMETALLIC	CAPACITY	YEAR INSTALLED
PRODUCT TO BE STORED <input type="checkbox"/> GASOLINE W/LEAD <input type="checkbox"/> GASOLINE W/O LEAD <input type="checkbox"/> GASOLINE W/ALCOHOL <input type="checkbox"/> FUEL OIL/DIESEL <input type="checkbox"/> OTHER	TANK STATUS <input type="checkbox"/> REPAIRED <input type="checkbox"/> RELINED* <input type="checkbox"/> ABANDONED <input type="checkbox"/> REMOVED <input type="checkbox"/> OVERFILL PROTECTION INSTALLED <input type="checkbox"/> WORK CANCELLED BY	
TANK 3 CONSTRUCTION <input type="checkbox"/> STEEL <input type="checkbox"/> NONMETALLIC	CAPACITY	YEAR INSTALLED
PRODUCT TO BE STORED <input type="checkbox"/> GASOLINE W/LEAD <input type="checkbox"/> GASOLINE W/O LEAD <input type="checkbox"/> GASOLINE W/ALCOHOL <input type="checkbox"/> FUEL OIL/DIESEL <input type="checkbox"/> OTHER	TANK STATUS <input type="checkbox"/> REPAIRED <input type="checkbox"/> RELINED* <input type="checkbox"/> ABANDONED <input type="checkbox"/> REMOVED <input type="checkbox"/> OVERFILL PROTECTION INSTALLED <input type="checkbox"/> WORK CANCELLED BY	
TANK 4 CONSTRUCTION <input type="checkbox"/> STEEL <input type="checkbox"/> NONMETALLIC	CAPACITY	YEAR INSTALLED
PRODUCT TO BE STORED <input type="checkbox"/> GASOLINE W/LEAD <input type="checkbox"/> GASOLINE W/O LEAD <input type="checkbox"/> GASOLINE W/ALCOHOL <input type="checkbox"/> FUEL OIL/DIESEL <input type="checkbox"/> OTHER	TANK STATUS <input type="checkbox"/> REPAIRED <input type="checkbox"/> RELINED* <input type="checkbox"/> ABANDONED <input type="checkbox"/> REMOVED <input type="checkbox"/> OVERFILL PROTECTION INSTALLED <input type="checkbox"/> WORK CANCELLED BY	

*IF "RELINED" BOX IS CHECKED, THE TANK PREPARATION AND PRODUCT APPLICATOR MUST COMPLY WITH THE SEWAGE MANUFACTURER'S SPECIFICATIONS AND BE REGISTERED WITH THE STATE FIRE MARSHAL.

SIGNATURE OF QUALIFIED APPLICATOR <i>X</i>	DATE CERTIFICATE SIGNED
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FM-65 (10/93)
Michigan State Police
STATE FIRE MARSHAL
UNDERGROUND TANK RESTORATION

Javel
2-14-96 *LD*

Michigan Department of State Police
FIRE MARSHAL DIVISION
Hazardous Materials Unit
7150 Harris Drive
Lansing, MI 48919

AUTHORITY:	1984 PA 423
COMPLIANCE:	Approved
PENALTY:	Miscellaneous

SECTION 1: TANK REPAIR NOTIFICATION

NAME OF APPLICATOR FIRM ARMOR SHIELD OF ILLINOIS		DATE OF NOTIFICATION 2-13-96	
ADDRESS 902 S VAN BUREN NEWTON, IL 62448		TELEPHONE NO. 618-703-2019	
RELINING MATERIAL TO BE USED TL 300 M	MANUFACTURED BY ARMOR SHIELD	INSURANCE CERTIFICATE <input checked="" type="checkbox"/> AT STATION <input type="checkbox"/> OTHER	
NAME OF FIRM WHERE TANKS ARE LOCATED SHELL STATION		TELEPHONE NO. PH 810-656-0080	
ADDRESS 975 ROCHESTER & AVON ROCHESTER HILLS, MI 48063			
COUNTY OAKLAND	FACILITY TYPE SERVICE STATION		
REASON FOR RELINING (Check One)	Tank No. 1	Tank No. 2	Tank No. 3
Preventative Maintenance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Repair Leaks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EST. DATE OF EVALUATION 2-27-96	EST. DATE OF TANK PREPARATION 2-27-96		EST. DATE OF PRODUCT APPLICATION 2-28-96
EST. DATE OF LINING TEST 2-28-96	EST. DATE OF TANK CLOSING 2-28-96		EST. DATE OVERFILL PROTECTION N/A
EST. DATE OF REQUIRED TANK TEST 2-28-96			EST. DATE OF PROJECT COMPLETION 2-28-96

SECTION 2: CERTIFICATE OF PERFORMANCE

RELINING MATERIAL USED	MANUFACTURED BY	COMPLETION DATE
TANK 1 CONSTRUCTION <input type="checkbox"/> STEEL <input type="checkbox"/> NONMETALLIC	CAPACITY	YEAR INSTALLED
PRODUCT TO BE STORED <input type="checkbox"/> GASOLINE W/LEAD <input type="checkbox"/> GASOLINE W/O LEAD <input type="checkbox"/> GASOLINE W/ALCOHOL <input type="checkbox"/> FUEL OIL/DIESEL <input type="checkbox"/> OTHER		
TANK STATUS <input type="checkbox"/> REPAIRED <input type="checkbox"/> RELINED* <input type="checkbox"/> ABANDONED <input type="checkbox"/> REMOVED <input type="checkbox"/> OVERFILL PROTECTION INSTALLED <input type="checkbox"/> WORK CANCELLED		
TANK 2 CONSTRUCTION <input type="checkbox"/> STEEL <input type="checkbox"/> NONMETALLIC	CAPACITY	YEAR INSTALLED
PRODUCT TO BE STORED <input type="checkbox"/> GASOLINE W/LEAD <input type="checkbox"/> GASOLINE W/O LEAD <input type="checkbox"/> GASOLINE W/ALCOHOL <input type="checkbox"/> FUEL OIL/DIESEL <input type="checkbox"/> OTHER		
TANK STATUS <input type="checkbox"/> REPAIRED <input type="checkbox"/> RELINED* <input type="checkbox"/> ABANDONED <input type="checkbox"/> REMOVED <input type="checkbox"/> OVERFILL PROTECTION INSTALLED <input type="checkbox"/> WORK CANCELLED		
TANK 3 CONSTRUCTION <input type="checkbox"/> STEEL <input type="checkbox"/> NONMETALLIC	CAPACITY	YEAR INSTALLED
PRODUCT TO BE STORED <input type="checkbox"/> GASOLINE W/LEAD <input type="checkbox"/> GASOLINE W/O LEAD <input type="checkbox"/> GASOLINE W/ALCOHOL <input type="checkbox"/> FUEL OIL/DIESEL <input type="checkbox"/> OTHER		
TANK STATUS <input type="checkbox"/> REPAIRED <input type="checkbox"/> RELINED* <input type="checkbox"/> ABANDONED <input type="checkbox"/> REMOVED <input type="checkbox"/> OVERFILL PROTECTION INSTALLED <input type="checkbox"/> WORK CANCELLED		
TANK 4 CONSTRUCTION <input type="checkbox"/> STEEL <input type="checkbox"/> NONMETALLIC	CAPACITY	YEAR INSTALLED
PRODUCT TO BE STORED <input type="checkbox"/> GASOLINE W/LEAD <input type="checkbox"/> GASOLINE W/O LEAD <input type="checkbox"/> GASOLINE W/ALCOHOL <input type="checkbox"/> FUEL OIL/DIESEL <input type="checkbox"/> OTHER		
TANK STATUS <input type="checkbox"/> REPAIRED <input type="checkbox"/> RELINED* <input type="checkbox"/> ABANDONED <input type="checkbox"/> REMOVED <input type="checkbox"/> OVERFILL PROTECTION INSTALLED <input type="checkbox"/> WORK CANCELLED		

*IF "RELINED" BOX IS CHECKED, THE TANK PREPARATION AND PRODUCT APPLICATION MUST COMPLY WITH THE REFINER'S MANUFACTURER'S SPECIFICATIONS, WHICH MUST BE REGISTERED WITH THE STATE FIRE MARSHAL

SIGNATURE OF QUALIFIED APPLICATOR: **X** DATE CERTIFICATE SUBMITTED: _____

faxed
2-23-96 *LL*

UNDERGROUND TANK RESTORATION

SECTION 1: TANK REPAIR NOTIFICATION

NAME OF APPLICATOR FIRM ARMOR SHIELD OF ILLINOIS		DATE OF NOTIFICATION 2-13-96	
ADDRESS 902 S VAN BUREN NEWTON, IL 62448		TELEPHONE NO. 618-783-2019	
RELINING MATERIAL TO BE USED TL 300M	MANUFACTURED BY ARMOR SHIELD	INSURANCE CERTIFICATE <input checked="" type="checkbox"/> AT STATE FM <input type="checkbox"/> ATTACHED	
NAME OF FIRM WHERE TANKS ARE LOCATED SHELL STATION		TELEPHONE NO. PH 810-656-0080	
ADDRESS 975 ROCHESTER & AVON ROCHESTER HILLS, MI 48063			
COUNTY OAKLAND	FACILITY TYPE SERVICE STATION		
REASON FOR RELINING (Check One)	Tank No. 1	Tank No. 2	Tank No. 3
Preventative Maintenance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Repair Leaks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EST. DATE OF EVALUATION 2-27-96	EST. DATE OF TANK PREPARATION 2-27-96		EST. DATE OF PRODUCT APPLICATION 2-28-96
EST. DATE OF LINING TEST 2-28-96	EST. DATE OF TANK CLOSING 2-28-96		EST. DATE OVERFILL PROTECTION INSTALLED N/A
EST. DATE OF REQUIRED TANK TEST 2-28-96			EST. DATE OF PROJECT COMPLETION 2-28-96

SECTION 2: CERTIFICATE OF PERFORMANCE

RELINING MATERIAL USED	MANUFACTURED BY	COMPLETION DATE
TANK 1 CONSTRUCTION <input type="checkbox"/> STEEL <input type="checkbox"/> NONMETALLIC	CAPACITY	YEAR INSTALLED
PRODUCT TO BE STORED <input type="checkbox"/> GASOLINE W/LEAD <input type="checkbox"/> GASOLINE W/O LEAD <input type="checkbox"/> GASOLINE W/ALCOHOL <input type="checkbox"/> FUEL OIL/DIESEL <input type="checkbox"/> OTHER		
TANK STATUS <input type="checkbox"/> REPAIRED <input type="checkbox"/> RELINED* <input type="checkbox"/> ABANDONED <input type="checkbox"/> REMOVED <input type="checkbox"/> OVERFILL PROTECTION INSTALLED <input type="checkbox"/> WORK CANCELLED BY OWNER		
TANK 2 CONSTRUCTION <input type="checkbox"/> STEEL <input type="checkbox"/> NONMETALLIC	CAPACITY	YEAR INSTALLED
PRODUCT TO BE STORED <input type="checkbox"/> GASOLINE W/LEAD <input type="checkbox"/> GASOLINE W/O LEAD <input type="checkbox"/> GASOLINE W/ALCOHOL <input type="checkbox"/> FUEL OIL/DIESEL <input type="checkbox"/> OTHER		
TANK STATUS <input type="checkbox"/> REPAIRED <input type="checkbox"/> RELINED* <input type="checkbox"/> ABANDONED <input type="checkbox"/> REMOVED <input type="checkbox"/> OVERFILL PROTECTION INSTALLED <input type="checkbox"/> WORK CANCELLED BY OWNER		
TANK 3 CONSTRUCTION <input type="checkbox"/> STEEL <input type="checkbox"/> NONMETALLIC	CAPACITY	YEAR INSTALLED
PRODUCT TO BE STORED <input type="checkbox"/> GASOLINE W/LEAD <input type="checkbox"/> GASOLINE W/O LEAD <input type="checkbox"/> GASOLINE W/ALCOHOL <input type="checkbox"/> FUEL OIL/DIESEL <input type="checkbox"/> OTHER		
TANK STATUS <input type="checkbox"/> REPAIRED <input type="checkbox"/> RELINED* <input type="checkbox"/> ABANDONED <input type="checkbox"/> REMOVED <input type="checkbox"/> OVERFILL PROTECTION INSTALLED <input type="checkbox"/> WORK CANCELLED BY OWNER		
TANK 4 CONSTRUCTION <input type="checkbox"/> STEEL <input type="checkbox"/> NONMETALLIC	CAPACITY	YEAR INSTALLED
PRODUCT TO BE STORED <input type="checkbox"/> GASOLINE W/LEAD <input type="checkbox"/> GASOLINE W/O LEAD <input type="checkbox"/> GASOLINE W/ALCOHOL <input type="checkbox"/> FUEL OIL/DIESEL <input type="checkbox"/> OTHER		
TANK STATUS <input type="checkbox"/> REPAIRED <input type="checkbox"/> RELINED* <input type="checkbox"/> ABANDONED <input type="checkbox"/> REMOVED <input type="checkbox"/> OVERFILL PROTECTION INSTALLED <input type="checkbox"/> WORK CANCELLED BY OWNER		

*IF "RELINED" BOX IS CHECKED, THE TANK PREPARATION AND PRODUCT APPLICATION MUST COMPLY WITH THE SEALANT MANUFACTURER'S SPECIFICATIONS, WHICH MUST BE REGISTERED WITH THE STATE FIRE MARSHAL.

SIGNATURE OF QUALIFIED APPLICATOR X	DATE CERTIFICATE SUBMITTED
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STATE OF MICHIGAN
LICENSING AND REGULATORY AFFAIRS
BUREAU OF FIRE SERVICES STORAGE TANK DIVISION

FACILITY INSPECTION REPORT

Owner Name & Address:

Safeway Acquisitions Group LLC
8700 Brandt
Dearborn, MI 48126

Location of Tanks:

Express 100 Inc
975 S Rochester Rd
Rochester, MI 48037
County - Oakland
Facility ID - 00009055

ATTENTION: Steve Saad

A Reinspection was conducted on September 13, 2016, for the above-referenced facility for compliance with Part 211, Underground Storage Tank Regulations, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451); the Michigan Underground Storage Tank Rules (MUSTR), 2008 AACS R 29.2101 et seq.; and the applicable sections of the rules for the Storage and Handling of Flammable and Combustible Liquids, 2014 AACS R 29.5601 et seq. The inspection showed that the tank(s) was tagged.

- 1 Interstitial or monthly monitoring shall be conducted in accordance with Section 280.44 (C).
Section 280.44(C)

Special Attention : NOTE: Tanks installed after July 2008 where required to be double-wall and interstitial monitored.

The existing compartment (diesel/premium) tank has been RED TAGGED for failure to modify existing system so the double-wall tank and double-wall piping is interstitially monitored as required.

Inspector requested and received PASSING line leak detectors, pressure fuel lines, and impact valves test results for the diesel & gasoline systems performed on 3/12/16 by Daniel Jaber.

The inspection and violations (if any) were discussed with Khalil Saad at the time of the inspection.

If you have additional questions concerning this matter, please contact me.

Jerry Arnold

9/13/16

Jerry Arnold
Hazardous Materials Storage Inspector
Region 1
PO Box 30033
Lansing, MI 48909
Phone: (734) 891-1523
Fax: (517) 332-1428
Email: arnoldj@michigan.gov

Date

0009055

Konadu, Stella (LARA)

To: Arnold, Jerry (LARA)
Subject: RE: FID#9055 - 975 S. Rochester Rd., Rochester, MI

ENTERED (SMK)

SEP 20 2016

Hello,

I have updated tank numbers 5 and 6 piping and tank information for facility (0009055).

Thanks
Stella

From: Arnold, Jerry (LARA)
Sent: Tuesday, September 20, 2016 11:17 AM
To: Konadu, Stella (LARA) <KONADUS@michigan.gov>
Subject: FID#9055 - 975 S. Rochester Rd., Rochester, MI

Stella please make the following changes to tank #5

Tank release detection	ONLY	Automatic tank gauging & inventory control
Piping material	CHANGE	single-wall fiberglass
Tank Construction	CHANGE	Fiberglass

Please make the following changes to tank #6:

Tank release detection	ADD	Inventory Control
Piping Material	CHANGE	Single-wall fiberglass & double-wall flexible
Tank Construction	ADD	Composite

Department of Licensing and Regulatory Affairs, Bureau of Fire Services, Storage Tank Division

REGISTRATION OF UNDERGROUND STORAGE TANKS

The information in this form is required under "Part 211, Underground Storage Tank Regulations, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended." Any owner who knowingly fails to notify or submits false information shall be subject to a misdemeanor and/or civil penalties not to exceed \$5,000 per day for each tank for which notification is not given or for which false information is submitted.

<input type="checkbox"/> NEW REGISTRATION	If sending payment and form, mail to: LARA, Cashiers Office UST/AST, P.O. Box 30033, Lansing, MI 48909	FACILITY ID NUMBER (if known) 00009055
<input checked="" type="checkbox"/> AMENDED INFORMATION (for Registered USTs Only)	If sending payment and form OVERNIGHT: LARA, Cashiers Office UST/AST, 525 West Allegan, Lansing, MI 48909	
	If sending the FORM ONLY, mail to: LARA, Bureau of Fire Services, Storage Tank Division, P.O. Box 30033, Lansing, MI 48909	

NUMBER OF TANKS AT FACILITY: 2 NUMBER OF CONTINUATION SHEETS ATTACHED: 1

OWNERSHIP OF TANKS			LOCATION OF TANKS		
IF THIS IS A NEW OWNER'S ADDRESS, PLEASE CHECK <input checked="" type="checkbox"/>			IF INFORMATION IS THE SAME AS SECTION I, PLEASE CHECK <input checked="" type="checkbox"/>		
OWNER NAME (Corporation/Individual, etc.) <u>KHALIL SAAD Rochester</u>			FACILITY NAME OR SITE IDENTIFIER <u>KJB minimart</u>		
MAILING ADDRESS <u>975 S. ROCHESTER</u>			STREET ADDRESS (P.O. Box Not Acceptable)		
CITY <u>ROCHESTER HILLS</u>	STATE <u>MI</u>	ZIP <u>48307</u>	CITY	STATE	ZIP
COUNTRY (Please Specify) <input type="checkbox"/> USA <input type="checkbox"/> OTHER			COUNTY <u>Oakland</u>		
AREA CODE & PHONE NUMBER <u>(248) 601-0050</u>			AREA CODE & PHONE NUMBER		
TAX PAYER ID OR SOCIAL SECURITY NUM			<div style="border: 1px solid black; padding: 5px; text-align: center;"> RECEIVED FEB 27 2015 BUREAU OF FIRE SERVICES </div>		
LATITUDE AND LONGITUDE of facility (if known) LATITUDE (North):					

FEDERAL COMMERCIAL
 STATE GOVERNMENT PRIVATE
 LOCAL GOVERNMENT

ARE TANKS LOCATED ON LAND WITHIN A RESERVATION? YES NO

IF TANKS ARE LOCATED WITHIN A RESERVATION, DOES A NATIVE AMERICAN TRIBE OWN TANKS? YES NO

IF TANKS ARE OWNED BY A TRIBE, NAME OF TRIBE: _____

TYPE OF FACILITY

<input checked="" type="checkbox"/> PUBLIC GAS STATION	<input type="checkbox"/> LOCAL GOVERNMENT	<input type="checkbox"/> CONTRACTOR
<input type="checkbox"/> PRIVATE GAS STATION	<input type="checkbox"/> STATE GOVERNMENT	<input type="checkbox"/> TRUCKING/TRANSPORT
<input type="checkbox"/> MARINE GAS STATION	<input type="checkbox"/> FEDERAL/NON-MILITARY	<input type="checkbox"/> UTILITIES
<input type="checkbox"/> PETROLEUM DISTRIBUTOR	<input type="checkbox"/> FEDERAL-MILITARY	<input type="checkbox"/> RESIDENTIAL
<input type="checkbox"/> AIRLINE AND/OR AIRCRAFT OWNER	<input type="checkbox"/> COMMERCIAL	<input type="checkbox"/> FARM
<input type="checkbox"/> AUTO DEALERSHIP	<input type="checkbox"/> INDUSTRIAL	<input type="checkbox"/> OTHER (Explain) _____
<input type="checkbox"/> RAILROAD	<input type="checkbox"/> HOSPITAL	

Name <u>KHALIL SAAD</u>	Job Title <u>president</u>	Area Code & Phone No. <u>(248) 601-0050</u>
Class A operator: Name: <u>Moran Jansen Van Vuren</u>	Company <u>D.W. Larson</u>	Area Code & Phone No. <u>248-549-3610</u>
Class B operator: Name: <u>Ryan Clontz</u>	Company <u>D.W. Larson</u>	Area Code & Phone No. <u>248-549-3610</u>

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS FORM AND ALL ATTACHED DOCUMENTS AND THAT I HAVE VERIFIED THAT THE INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

NAME AND OFFICIAL TITLE OF OWNER OR OWNERS' AUTHORIZED REPRESENTATIVE <u>Khalil Saad Khalil Saad</u>	SIGNATURE <u>Khalil Saad</u>	DATE <u>2/16/2015</u>
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COMMENTS AND/OR CLARIFICATIONS:

amended for purpose of A & B Operator designation only...no other changes have been made



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY - REMEDIATION DIVISION

REGISTRATION OF UNDERGROUND STORAGE TANKS

The information in this form is required under Part 211, Underground Storage Tank Regulations, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. Any owner who knowingly fails to notify or submits false information shall be subject to a misdemeanor and/or civil penalties not to exceed \$5,000 per day for each tank for which notification is not given or for which false information is submitted.

<input type="checkbox"/> NEW REGISTRATION <input checked="" type="checkbox"/> AMENDED INFORMATION (for Registered USTs Only)	If sending payment and form, mail to: Cashiers Office, DEQ P.O. Box 30857, Lansing, MI 48909-8157	FACILITY ID NUMBER (if known) 9055
	If sending payment and form OVERNIGHT, mail to: Cashiers Office, DEQ, 525 West Allegan, 5 th Floor South, Lansing, MI 48933	
	If sending FORM ONLY, mail to: Storage Tanks & Contacts Unit, Remediation Division, DEQ, P.O. Box 30426, Lansing, MI 48909-7926	

NUMBER OF TANKS AT FACILITY: 2 NUMBER OF CONTINUATION SHEETS ATTACHED: 0

OWNERSHIP OF TANKS				LOCATION OF TANKS		
IF THIS IS A NEW OWNER'S ADDRESS, PLEASE CHECK <input type="checkbox"/>				IF INFORMATION IS THE SAME AS SECTION I, PLEASE CHECK <input type="checkbox"/>		
OWNER NAME (Corporation/Individual, etc.) <u>K & B Mini Mart</u>				FACILITY NAME OR SITE IDENTIFIER		
MAILING ADDRESS <u>975 Rochester</u>				STREET ADDRESS (P.O. Box Not Acceptable)		
CITY <u>Rochester hills</u>	STATE <u>MI</u>	ZIP <u>48307</u>	CITY	STATE <u>MI</u>	ZIP	
COUNTRY (Please Specify) <input checked="" type="checkbox"/> USA <input type="checkbox"/> OTHER				COUNTY		
AREA CODE & PHONE NUMBER <u>(248) 641-0050</u>				AREA CODE & PHONE NUMBER ()		
LONGITUDE (West):						

TYPE OF OWNER

FEDERAL COMMERCIAL
 STATE GOVERNMENT PRIVATE
 LOCAL GOVERNMENT ARE TANKS LOCATED ON LAND WITHIN A RESERVATION? YES NO

IF TANKS ARE LOCATED WITHIN A RESERVATION, DOES A NATIVE AMERICAN TRIBE OWN TANKS? YES NO

IF TANKS ARE OWNED BY A TRIBE, NAME OF TRIBE: _____

TYPE OF FACILITY

<input checked="" type="checkbox"/> PUBLIC GAS STATION	<input type="checkbox"/> LOCAL GOVERNMENT	<input type="checkbox"/> CONTRACTOR
<input type="checkbox"/> PRIVATE GAS STATION	<input type="checkbox"/> STATE GOVERNMENT	<input type="checkbox"/> TRUCKING/TRANSPORT
<input type="checkbox"/> MARINE GAS STATION	<input type="checkbox"/> FEDERAL/NON-MILITARY	<input type="checkbox"/> UTILITIES
<input type="checkbox"/> PETROLEUM DISTRIBUTOR	<input type="checkbox"/> FEDERAL-MILITARY	<input type="checkbox"/> RESIDENTIAL
<input type="checkbox"/> AIRLINE AND/OR AIRCRAFT OWNER	<input type="checkbox"/> COMMERCIAL	<input type="checkbox"/> FARM
<input type="checkbox"/> AUTO DEALERSHIP	<input type="checkbox"/> INDUSTRIAL	<input type="checkbox"/> OTHER (Explain) _____
<input type="checkbox"/> RAILROAD	<input type="checkbox"/> HOSPITAL	

CONTACT PERSONS

Name: <u>Mohamad Ajrouche</u>	Job Title	Area Code & Phone No. <u>313</u>
Class A operator Name: <u>Mohamad Ajrouche</u>	Company	Area Code & Phone No. <u>313</u>
Class B operator Name: <u>Mohamad Ajrouche</u>	Company	Area Code & Phone No. <u>313</u>
Alternate Class B operator (if applicable):	Company	Area Code & Phone No.

VERIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS FORM AND ALL ATTACHED DOCUMENTS AND THAT I HAVE VERIFIED THAT THE INFORMATION IS TRUE, ACCURATE, AND COMPLETE.

NAME AND OFFICIAL TITLE OF OWNER OR OWNERS' AUTHORIZED REPRESENTATIVE <u>Safeway Acquisition</u>	SIGNATURE <u>Younas Beydoun</u>	DATE <u>10-10-2013</u>
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STATE OF MICHIGAN

LICENSING AND REGULATORY AFFAIRS
BUREAU OF FIRE SERVICES STORAGE TANK DIVISION

FACILITY INSPECTION REPORT

Owner Name & Address:

Safeway Acquisitions Group LLC
8700 Brandt
Dearborn, MI 48126

Location of Tanks:

K & B Mini Mart Inc.
975 S Rochester Rd
Rochester, MI 48037
County - Oakland
Facility ID - 00009055

ATTENTION: Khalil Saad

A Reinspection was conducted on June 18, 2013, for the above-referenced facility for compliance with Part 211, Underground Storage Tank Regulations, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451); the Michigan Underground Storage Tank Rules (MUSTR), 2008 AACS R 29.2101 et seq.; and the applicable sections of the rules for the Storage and Handling of Flammable and Combustible Liquids, 2003 AACS R 29.5101 et seq. The inspection showed that the facility is temporarily approved.

- 1 Every facility having 1 or more UST systems subject to MUSTR shall have a class A and class B operator.
UST 280.13

Special Attention : Provide this office with documentation showing that the new operator training requirement has been met.

- 2 Dispenser shall be in clear view of attendant and be able to communicate.
UST 280.10(J) (FL/CL Part3, Section 9.4.5)

Special Attention : Provide a working intercom system so the Attendant can communicate with Customers.

Inspector was shown copy of Buck's oil invoice#50170 dated 6/21/13 for 250 gallons of wastewater/gas mixture.

Inspector provide facility with a invoice in the amount of \$600 for past tank registration fees (\$100/yr/tank) in regards to the 8,000 gallon DW PermaTank compartment (diesel/premium) UST believe to have been installed in August 2008.

Inspector received PASSING line leak detectors, pressure fuel lines, and impact valves test results on the diesel & gasoline systems performed on 6/16/13 by Daniel Jaber w/Dan's Service.

Inspector received copy of tank monitor printout showing PASS test results for (3) tanks on 6/16/13.

If you have additional questions concerning this matter, please contact me.



Jerry Arnold
Hazardous Materials Storage Inspector
SE Michigan District Office
27700 Donald Court
Warren, MI 48092-2793
Phone: (586) 753-3848
Fax: (586) 753-3831
Email: arnoldj@michigan.gov

6/24/13

Date



STATE OF MICHIGAN
LICENSING AND REGULATORY AFFAIRS
BUREAU OF FIRE SERVICES STORAGE TANK DIVISION

FACILITY INSPECTION REPORT

Owner Name & Address:

Safeway Acquisitions Group LLC
8700 Brandt
Dearborn, MI 48126

Location of Tanks:

Express 100 Inc
975 S Rochester Rd
Rochester, MI 48037
County - Oakland
Facility ID - 00009055

ATTENTION: Khalil Saad

A Reinspection was conducted on August 9, 2013, for the above-referenced facility for compliance with Part 211, Underground Storage Tank Regulations, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451); the Michigan Underground Storage Tank Rules (MUSTR), 2008 AACS R 29.2101 et seq.; and the applicable sections of the rules for the Storage and Handling of Flammable and Combustible Liquids, 2003 AACS R 29.5101 et seq. The inspection showed that the facility is disapproved.

- 1 Every facility having 1 or more UST systems subject to MUSTR shall have a class A and class B operator.
UST 280.13

Special Attention : Provide this office with documentation showing that the new operator training requirement has been met.


- 2 Dispenser shall be in clear view of attendant and be able to communicate.
UST 280.10(J) (FL/CL Part3, Section 9.4.5)

Special Attention : Provide a working intercom system so the Attendant can communicate with Customers.

Inspector provide facility with a invoice in the amount of \$600 for past tank registration fees (\$100/yr/tank) in regards to the 8,000 gallon DW PermaTank compartment (diesel/premium) UST believe to have been installed in August 2008.

Documentation shall be furnished to the district office identified below verifying that the violation(s), cited in this inspection report have been corrected. The documentation shall be provided by September 16, 2013. If the cited violation(s) are not corrected and/or certification of compliance is not provided by the date specified, a reinspection will be conducted. The owner or operator of this facility will be subject to civil and criminal provisions pursuant to Part 211 of Act 451, including and not limited to placement of tags to the tank(s) prohibiting delivery of product if the stated violations have not been corrected.

If you have additional questions concerning this matter, please contact me.



Jerry Arnold
Hazardous Materials Storage Inspector
SE Michigan District Office
27700 Donald Court
Warren, MI 48092-2793
Phone: (586) 753-3848
Fax: (586) 753-3831
Email: arnoldj@michigan.gov

8/12/13

Date

MICHIGAN DEPARTMENT OF AGRICULTURE (MDA)
RECORDS



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF AGRICULTURE
AND RURAL DEVELOPMENT

GARY MCDOWELL
DIRECTOR

August 16, 2019

PM Environmental
Attn: Josephine Hamilton
4080 West Eleven Mile Road
Berkley, Michigan 48072

Dear Ms. Hamilton:

Your request for records dated August 14, 2019 under the Freedom of Information Act was received in our office on August 14, 2019. You requested LMD Test and Inspection reports for USTs, ASTs or pump islands for the following site: 975 South Rochester Road, Rochester Hills.

Your request is granted and enclosed are the existing, non-exempt records responsive to your request.

Even though the Freedom of Information Act permits us to charge you for our costs in copying and mailing this information, we are sending it free of charge due to the limited number of pages.

For your information, the Department's Freedom of Information Act written summary, procedures, and guidelines can be found at www.michigan.gov/mdard-foia.

Sincerely

A handwritten signature in blue ink that reads "Debby Cheresko".

Debby Cheresko
Associate FOIA Coordinator

MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT
 LABORATORY DIVISION
 WEIGHTS AND MEASURES PROGRAM | MOTOR FUEL QUALITY PROGRAM
 (517) 655 - 8202
 michigan.gov/wminfo | michigan.gov/mfq

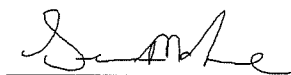
Device Grid Test Mailing Summary

Insp Date: 4/16/2019 Business ID: 37462
 Business: K & B MINI MART INC
 975 S ROCHESTER RD
 ROCHESTER, MI 48307

Inspection: SM002073
 Store ID:
 Phone: 248-601-0050
 Inspector: 019 Sean McGuire
 Reason: FIELD AUDIT

Class	Actv	Sea	Not	App	Not	C-R	C-X	Pos
Liquid Measuring Device	20	20						
Pump Business	1			1				
UST	3			3				

Make	Model	Subtype	Serial #		Location	Seal #	Failed Attribs	Test	Error	Results	Prod Used	Notes
Station	N/a		37462			N/A				Approved	0.000	
WAYNE	1/V590D4/GQ	16	37462P1	Regular		IBB		Normal Flow	3	Sealed	5.000	
WAYNE	1/V590D4/GQ	16	37462P1	Midgrade89		N/A		Slow Flow	4	Sealed	5.000	
WAYNE	1/V590D4/GQ	16	37462P1	Premium93		IBB		Normal Flow	4	Sealed	5.000	
WAYNE	1/V590D4/GQ	16	37462P2	Regular		OWL		Normal Flow	0	Sealed	5.000	
WAYNE	1/V590D4/GQ	16	37462P2	Midgrade89		N/A		Slow Flow	0	Sealed	5.000	
WAYNE	1/V590D4/GQ	16	37462P2	Premium93		OWL		Normal Flow	-1	Sealed	5.000	
WAYNE	1/V590D4/GQ	16	37462P3	Regular		OWL		Normal Flow	0	Sealed	5.000	
WAYNE	1/V590D4/GQ	16	37462P3	Midgrade89		N/A		Slow Flow	0	Sealed	5.000	
WAYNE	1/V590D4/GQ	16	37462P3	Premium93		OWL		Normal Flow	-1	Sealed	5.000	
WAYNE	1/V590D4/GQ	16	37462P4	Regular		OWL		Normal Flow	4	Sealed	5.000	
WAYNE	1/V590D4/GQ	16	37462P4	Midgrade89		N/A		Slow Flow	3	Sealed	5.000	
WAYNE	1/V590D4/GQ	16	37462P4	Premium93		OWL		Normal Flow	0	Sealed	5.000	
WAYNE	1/V590D4/GQ	16	37462P5	Regular		OWL		Normal Flow	2	Sealed	5.000	
WAYNE	1/V590D4/GQ	16	37462P5	Midgrade89		N/A		Slow Flow	4	Sealed	5.000	
WAYNE	1/V590D4/GQ	16	37462P5	Premium93		OWL		Normal Flow	2	Sealed	5.000	
WAYNE	1/V590D4/GQ	16	37462P6	Regular		OWL		Normal Flow	2	Sealed	5.000	
WAYNE	1/V590D4/GQ	16	37462P6	Midgrade89		N/A		Slow Flow	2	Sealed	5.000	
WAYNE	1/V590D4/GQ	16	37462P6	Premium93		OWL		Normal Flow	1	Sealed	5.000	
WAYNE	1/V590D4/GQ	10	37462P7	Diesel		IBB		Normal Flow	2	Sealed	5.000	
WAYNE	1/V590D4/GQ	10	37462P8	Diesel		IBB		Normal Flow	1	Sealed	5.000	


 Inspector


 Acknowledged Receipt : STEVE SAAD/ MANAGER

Device Grid Test Mailing Summary

Make	Model	Subtype	Serial #	Location	Seal #	Failed Attribs	Test	Error	Results	Prod Used	Notes
Tank	N/A		37462REG		N/A				Approved	0.000	
Tank	N/A		37462PRE		N/A				Approved	0.000	
Tank	NA		37462DIESEL		N/A				Approved	0.000	

Device Product Used: 100. Insp Product Used: . Tot Product Used: 100.

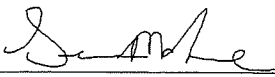
Grade	Prod Used
Diesel	10.00
Midgrade89	30.00
Premium93	30.00
Regular	30.00

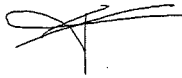
Mailing Address: K & B MINI MART INC
 975 S ROCHESTER RD
 ROCHESTER, MI 48307

Notes:
 Document review conducted. All fuel returned to underground storage tanks. Card readers visually inspected. Establishment is using pressure sensitive tape to secure dispensers.

Establishment uses Oscar W. Larson and IBB Petroleum Services for repairs.

IMPORTANT: INCORRECT equipment violations must be corrected within 5 days


 Inspector


 Acknowledged Receipt : STEVE SAAD/ MANAGER

MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT
 LABORATORY DIVISION
 WEIGHTS AND MEASURES PROGRAM | MOTOR FUEL QUALITY PROGRAM
 (517) 655 - 8202
 michigan.gov/wminfo | michigan.gov/mfq

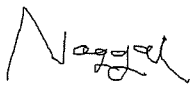
Device Grid Test Mailing Summary

Insp Date: 5/22/2017 Business ID: 37462
 Business: K & B MINI MART INC
 975 S ROCHESTER RD
 ROCHESTER, MI 48307

Inspection: DN001504
 Store ID:
 Phone: 248-601-0050
 Inspector: 155 DIANNE NAGGAR
 Reason: FIELD AUDIT

Class	Actv	Sea	Not	App	Not	C-R	C-X	Pos
Liquid Measuring Device	20	20						
Pump Business	1			1				
UST	3			3				

Make	Model	Subtype	Serial #		Location	Seal #	Failed Attribs	Test	Error	Results	Prod Used	Notes
Station	N/a		37462			NA				Approved	0.000	
WAYNE	1V590D4/GQ	16	37462P1	Regular		OWL		Normal Flow	0	Sealed	5.000	
WAYNE	1V590D4/GQ	16	37462P1	Midgrade89		NA		Slow Flow	2	Sealed	5.000	
WAYNE	1V590D4/GQ	16	37462P1	Premium93		OWL		Normal Flow	5	Sealed	5.000	
WAYNE	1V590D4/GQ	16	37462P2	Regular		OWL		Normal Flow	0	Sealed	5.000	
WAYNE	1V590D4/GQ	16	37462P2	Midgrade89		NA		Slow Flow	0	Sealed	5.000	
WAYNE	1V590D4/GQ	16	37462P2	Premium93		OWL		Normal Flow	0	Sealed	5.000	
WAYNE	1V590D4/GQ	16	37462P3	Regular		OWL		Normal Flow	0	Sealed	5.000	
WAYNE	1V590D4/GQ	16	37462P3	Midgrade89		NA		Slow Flow	3	Sealed	5.000	
WAYNE	1V590D4/GQ	16	37462P3	Premium93		OWL		Normal Flow	0	Sealed	5.000	
WAYNE	1V590D4/GQ	16	37462P4	Regular		OWL		Normal Flow	4	Sealed	5.000	
WAYNE	1V590D4/GQ	16	37462P4	Midgrade89		NA		Slow Flow	3	Sealed	5.000	
WAYNE	1V590D4/GQ	16	37462P4	Premium93		OWL		Normal Flow	0	Sealed	5.000	
WAYNE	1V590D4/GQ	16	37462P5	Regular		OWL		Normal Flow	4	Sealed	5.000	
WAYNE	1V590D4/GQ	16	37462P5	Midgrade89		NA		Slow Flow	4	Sealed	5.000	
WAYNE	1V590D4/GQ	16	37462P5	Premium93		OWL		Normal Flow	4	Sealed	5.000	
WAYNE	1V590D4/GQ	16	37462P6	Regular		OWL		Normal Flow	3	Sealed	5.000	
WAYNE	1V590D4/GQ	16	37462P6	Midgrade89		NA		Slow Flow	3	Sealed	5.000	
WAYNE	1V590D4/GQ	16	37462P6	Premium93		OWL		Normal Flow	2	Sealed	5.000	
WAYNE	1V590D4/GQ	10	37462P7	Diesel		OWL		Normal Flow	3	Sealed	5.000	
WAYNE	1V590D4/GQ	10	37462P8	Diesel		OWL		Normal Flow	3	Sealed	5.000	



Inspector



Acknowledged Receipt : Mohamed Saad

Device Grid Test Mailing Summary

Make	Model	Subtype	Serial #	Location	Seal #	Failed Attribs	Test	Error	Results	Prod Used	Notes
Tank	N/A		37462REG		NA				Approved	0.000	
Tank	N/A		37462PRE		NA				Approved	0.000	
Tank	NA		37462DIESEL		NA				Approved	0.000	

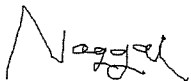
Device Product Used: 100. Insp Product Used: . Tot Product Used: 100.

Grade	Prod Used
Diesel	10.00
Midgrade89	30.00
Premium93	30.00
Regular	30.00

Mailing Address: K & B MINI MART INC
 975 S ROCHESTER RD
 ROCHESTER, MI 48307

Notes:
 FIELD AUDIT.
 Performed a weights and measure test on all pumps 1 through 8. All results were positive and all pumps are approved.
 All dispensed gas returned to appropriate underground storage tanks. Repair service is O.W.Larson.
 Card reader system visually inspected for pumps 1 through pump 8.

IMPORTANT: INCORRECT equipment violations must be corrected within 5 days



Inspector



Acknowledged Receipt : Mohamed Saad

MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT
 LABORATORY DIVISION
 WEIGHTS AND MEASURES PROGRAM | MOTOR FUEL QUALITY PROGRAM
 (517) 655 - 8202
 michigan.gov/wminfo | michigan.gov/mfq

Device Grid Test Mailing Summary


Insp Date: 9/16/2014 Business ID: 37462
 Business: K & B MINI MART INC
 975 S ROCHESTER RD
 ROCHESTER, MI 48307

Inspection: JW000706
 Store ID:
 Phone: 248-601-0050
 Inspector: 016 John Willer
 Reason: FIELD AUDIT

Class	Actv	Sea	Not	App	Not	C-R	C-X	Pos
Liquid Measuring Device	19	19						
Pump Business	1			1				
UST	3			3				

Make	Model	Subtype	Serial #		Location	Seal #	Failed Attribs	Test	Error	Results	Prod Used	Notes
Station	N/a		37462			NA				Approved	0.000	
WAYNE	1/V590D4/GQ	16	37462P1	Regular		OWL		Normal Flow	1	Sealed	5.000	
WAYNE	1/V590D4/GQ	16	37462P1	Midgrade89		NA		Slow Flow	3	Sealed	5.000	
WAYNE	1/V590D4/GQ	16	37462P1	Premium93		OWL		Normal Flow	6	Sealed	10.000	
WAYNE	1/V590D4/GQ	16	37462P2	Regular		OWL		Normal Flow	5	Sealed	5.000	
WAYNE	1/V590D4/GQ	16	37462P2	Midgrade89		NA		Slow Flow	1	Sealed	5.000	
WAYNE	1/V590D4/GQ	16	37462P2	Premium93		OWL		Normal Flow	2	Sealed	5.000	
WAYNE	1/V590D4/GQ	16	37462P3	Regular		OWL		Normal Flow	-1	Sealed	5.000	
WAYNE	1/V590D4/GQ	16	37462P3	Midgrade89		NA		Slow Flow	0	Sealed	5.000	
WAYNE	1/V590D4/GQ	16	37462P3	Premium93		OWL		Normal Flow	3	Sealed	5.000	
WAYNE	1/V590D4/GQ	16	37462P4	Regular		OWL		Normal Flow	3	Sealed	5.000	
WAYNE	1/V590D4/GQ	16	37462P4	Midgrade89		NA		Slow Flow	4	Sealed	5.000	
WAYNE	1/V590D4/GQ	16	37462P4	Premium93		OWL		Normal Flow	0	Sealed	5.000	
WAYNE	1/V590D4/GQ	16	37462P5	Regular		OWL		Normal Flow	3	Sealed	5.000	
WAYNE	1/V590D4/GQ	16	37462P5	Midgrade89		NA		Slow Flow	5	Sealed	5.000	
WAYNE	1/V590D4/GQ	16	37462P5	Premium93		OWL		Normal Flow	5	Sealed	5.000	
WAYNE	1/V590D4/GQ	16	37462P6	Regular		OWL		Normal Flow	3	Sealed	5.000	
WAYNE	1/V590D4/GQ	16	37462P6	Midgrade89		NA		Slow Flow	4	Sealed	5.000	
WAYNE	1/V590D4/GQ	16	37462P6	Premium93		OWL		Normal Flow	5	Sealed	5.000	
WAYNE	1/V590D4/GQ	10	37462P7	Diesel		OWL		Normal Flow	2	Sealed	5.000	


 Inspector


 Acknowledged Receipt : Mohammed Saad

Device Grid Test Mailing Summary

Make	Model	Subtype	Serial #	Location	Seal #	Failed Attribs	Test	Error	Results	Prod Used	Notes
Tank	N/A		37462REG		NA				Approved	0.000	
Tank	N/A		37462PRE		NA				Approved	0.000	
Tank	NA		37462DIESEL		NA				Approved	0.000	

Device Product Used: 100. Insp Product Used: . Tot Product Used: 100.

Grade	Prod Used
Diesel	5.00
Midgrade89	30.00
Premium93	35.00
Regular	30.00

Mailing Address: K & B MINI MART INC
 975 S ROCHESTER RD
 ROCHESTER, MI 48307


Notes:

Document review conducted. All fuels were returned to underground storage tanks.

Pump #08 Diesel was bagged out of service prior to arrival. The interior of the dispenser was checked for seals and leaks.

Location uses O.W.Larson and Sun93 for service work. No service company paperwork on location for review.

IMPORTANT: INCORRECT equipment violations must be corrected within 5 days



Inspector



Acknowledged Receipt : Mohammed Saad

Appendix C



PREVIOUS SITE INVESTIGATION



LEAKING UNDERGROUND STORAGE TANK FINAL ASSESSMENT REPORT

APR 10 1997

UNDERGROUND STORAGE TANK
MDNR-SEMI
DISTRICT OFFICE

INSTRUCTIONS: COMPLETION OF THIS REPORT WITH ALL APPLICABLE INFORMATION IS MANDATORY. The Certified Underground Storage Tank Professional (CP) MUST sign below. Failure to submit a report within the stated time period may result in Administrative Penalties as provided for in Part 213, Section 21321 of Act 451, P. A. 1994 as amended.

FACILITY NAME: Shell Service Station	FACILITY ID NUMBER: 0-009055
ADDRESS: 975 Rochester Road, Rochester, Michigan COUNTY: Oakland	AMERA SITE ID NUMBER:
DATE(S) RELEASE DISCOVERED: 4/8/96 (waste oil) 4/24/96 (gasoline)	CONFIRMED RELEASE NUMBER(S): C-214-96 (waste oil) C-252-96 (gasoline)
O/O NAME: Shell Oil Products Company	MUSTFA CLAIM NUMBER: NA
O/O ADDRESS: 17370 Laurel Park Drive N., Suite 200, Livonia, MI 48152	
CONTACT PERSON: Ms. Angela Porter	PHONE NUMBER: (313) 953-4300

ANSWER ALL QUESTIONS (DO NOT LEAVE BLANKS):

1. Has the UST been emptied? Yes (waste oil) No (gasoline)
(If no, explain why): Gasoline release was from the steel gasoline product lines which were removed and replaced with fiberglass lines; therefore, the gasoline USTs were not emptied in response to the release.

2. Free product present: a. Currently? YES NO If YES, total gallons recovered since last report:
b. Previously? YES NO If YES, total gallons recovered to date:

3. Have vapors been identified in any confined spaces (basement, sewers)? YES NO

4. State the number of homes where drinking water is or was affected as a result of a release from this facility: None known

5. Estimated distance and direction from point of release to nearest:
a. Private well: 150 feet south b. Municipal well: >0.5 mile c. Surface water/wetland: >0.5 mile

6. Since last report: a. cubic yards of soil remediated: 0 b. gallons of groundwater remediated: 0

7. Totals to date: a. cubic yards of soil remediated: 40 b. gallons of groundwater remediated: 0

8. Michigan RBCA Site Classification (1-4): 4

CERTIFICATION OF REPORT COMPLETION

I, the undersigned CP, hereby attest to the best of my knowledge and belief that the statements in this document and all attachments are true, accurate and complete. I certify that it was submitted to the USTD on April 8, 1997.

(date submitted-REQUIRED)

Andrew J. Foerg 4-8-97
CP Original Signature - Required Date

Darryl D. Barricklow
PRINT QC Project Manager's Name

Andrew J. Foerg, P.G.
PRINT CP's Name

EnecoTech Midwest, Inc.
Consultant

39255 Country Club Drive, Suite B40, Farmington Hills, MI 48331 (810) 489-0809 (810) 489-4184
Address Phone Number Fax Number

PLEASE RETURN THIS COMPLETED REPORT AND ASSOCIATED ATTACHMENTS TO THE APPROPRIATE USTD DISTRICT OFFICE LISTED ON THE BACK OF THIS PAGE.

R:\DOCS\SHELL\810-075\FINALRPT.DOC

UNDERGROUND STORAGE TANK DIVISION OFFICES AND LOCATIONS

Determine in which county the UST release occurred. Return all completed forms and associated reports to the USTD office listed next to that county in the following table. Addresses for the USTD offices are listed below.

COUNTY	USTD OFFICE	COUNTY	USTD OFFICE	COUNTY	USTD OFFICE	COUNTY	USTD OFFICE
Alcona	Grayling	Dickinson	Marquette	Lake	Grayling	Oceana	Grand Rapids
Alger	Marquette	Eaton	Shiawassee	Lapeer	Shiawassee	Ogemaw	Grayling
Allegan	Plainwell	Emmet	Grayling	Leelanau	Grayling	Ontonagon	Marquette
Alpena	Grayling	Genesee	Shiawassee	Lenawee	Jackson	Osceola	Grayling
Antrim	Grayling	Gladwin	Grayling	Livingston	Shiawassee	Oscoda	Grayling
Arenac	Grayling	Gogebic	Marquette	Luce	Marquette	Otsego	Grayling
Baraga	Marquette	Grand Traverse	Grayling	Mackinac	Marquette	Ottawa	Grand Rapids
Barry	Plainwell	Gratiot	Shiawassee	Macomb	SE Michigan	Presque Isle	Grayling
Bay	Saginaw-Bay	Hillsdale	Jackson	Manistee	Grayling	Roscommon	Grayling
Benzie	Grayling	Houghton	Marquette	Marquette	Marquette	Saginaw	Saginaw-Bay
Berrien	Plainwell	Huron	Saginaw-Bay	Mason	Grayling	Sanilac	Saginaw-Bay
Branch	Jackson	Ingham	Shiawassee	Mecosta	Grand Rapids	Schoolcraft	Marquette
Calhoun	Jackson	Ionia	Grand Rapids	Menominee	Marquette	Shiawassee	Shiawassee
Cass	Plainwell	Iosco	Grayling	Midland	Saginaw-Bay	St Clair	SE Michigan
Charlevoix	Grayling	Iron	Marquette	Missaukee	Grayling	St Joseph	Plainwell
Cheboygan	Grayling	Isabella	Saginaw-Bay	Monroe	SE Michigan	Tuscola	Saginaw-Bay
Chippewa	Marquette	Jackson	Jackson	Montcalm	Grand Rapids	Van Buren	Plainwell
Clare	Grayling	Kalamazoo	Plainwell	Montmorency	Grayling	Washtenaw	Jackson
Clinton	Shiawassee	Kalkaska	Grayling	Muskegon	Grand Rapids	Wayne	SE Michigan
Crawford	Grayling	Kent	Grand Rapids	Newaygo	Grand Rapids	Wexford	Grayling
Delta	Marquette	Keweenaw	Marquette	Oakland	SE Michigan		

<p style="text-align: center;"><u>CADILLAC OFFICE</u></p> <p>ROUTE #1 8015 MACKINAW TRAIL CADILLAC MI 49601</p> <p>616-775-9727 (PHONE) 616-775-9671 (FAX)</p>	<p style="text-align: center;"><u>JACKSON OFFICE</u></p> <p>301 E LOUIS GLICK HIGHWAY JACKSON MI 49201</p> <p>517-780-7900 (PHONE) 517-780-7855 (FAX)</p>	<p style="text-align: center;"><u>SAGINAW BAY OFFICE</u></p> <p>503 N EUCLID AVE SUITE 9 BAY CITY MI 48706</p> <p>517-684-9141 (PHONE) 517-684-9799 (FAX)</p>
<p style="text-align: center;"><u>GAYLORD OFFICE</u></p> <p>P0 BOX 667 GAYLORD MI 49735</p> <p>517-732-3541 (PHONE) 517-732-0794 (FAX)</p>	<p style="text-align: center;"><u>MARQUETTE OFFICE</u></p> <p>1990 US 41 SOUTH MARQUETTE MI 49855</p> <p>906-228-6561 (PHONE) 906-228-5245 (FAX)</p>	<p style="text-align: center;"><u>SHIAWASSEE OFFICE</u></p> <p>10650 BENNETT DR MORRICE MI 48857-9792</p> <p>517-625-4600 (PHONE) 517-625-5000 (FAX)</p>
<p style="text-align: center;"><u>GRAND RAPIDS OFFICE</u></p> <p>350 OTTAWA ST NW GRAND RAPIDS MI 49503</p> <p>616-456-5071 (PHONE) 616-456-1239 (FAX)</p>	<p style="text-align: center;"><u>PLAINWELL OFFICE</u></p> <p>1342 SR-89 SUITE B PLAINWELL MI 49080-1915</p> <p>616-692-2120 (PHONE) 616-692-3050 (FAX)</p>	<p style="text-align: center;"><u>SE MICHIGAN OFFICE</u></p> <p>38980 SEVEN MILE RD LIVONIA MI 48152</p> <p>313-953-0241 (PHONE) 313-953-0243 (FAX)</p>
<p style="text-align: center;"><u>GRAYLING OFFICE</u></p> <p>1955 NORTH I-75 BL GRAYLING MI 49738</p> <p>517-348-6371 (PHONE) 517-348-8825 (FAX)</p>		

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LIST OF ATTACHMENTS

(Include as Required and Check Box if Attached)

Attachments 1, 2, 6-12, 16-18, and 22-28 are to be submitted if applicable.

Attachments 3-5, 13-15, and 19-21 are found in the back of this document and should be completed and submitted when necessary.

ATTACHMENT NUMBER	DESCRIPTION
1 <input type="checkbox"/>	Site Map Showing Extent of Remaining Free Product
2 <input type="checkbox"/>	Free Product Recovery System Schematic
3 <input checked="" type="checkbox"/>	Field Screening Results Table for Soils
4 <input checked="" type="checkbox"/>	Laboratory Results Table for Soils
5 <input checked="" type="checkbox"/>	Tier I RBSL / Tier II or Tier III SSTL Comparison Table for Soils
6 <input checked="" type="checkbox"/>	Site Map Showing Soil Sampling Locations, Maximum Contaminant Concentrations, and Sampling Depths
7 <input type="checkbox"/>	Site Map(s) Showing Vertical and Horizontal Distribution of Contaminants in Soil
8 <input checked="" type="checkbox"/>	Cross Sections
9 <input checked="" type="checkbox"/>	Soil Boring Logs
10 <input checked="" type="checkbox"/>	Well Construction Diagrams
11 <input checked="" type="checkbox"/>	Groundwater Flow Map Showing Water Level Measurement Locations
12 <input type="checkbox"/>	Description of Hydrogeologic Factors That Could Influence Groundwater Flow
13 <input type="checkbox"/>	Field Screening Results Table for Groundwater
14 <input checked="" type="checkbox"/>	Laboratory Results Table for Groundwater
15 <input checked="" type="checkbox"/>	Tier I RBSL / Tier II or Tier III SSTL Comparison Table for Groundwater
16 <input checked="" type="checkbox"/>	Site Map Showing Groundwater Sampling Locations, Maximum Contaminant Concentrations, and Location of Contaminant Plume
17 <input type="checkbox"/>	Cross Sections
18 <input type="checkbox"/>	Presentation of Time Series Groundwater Results
19 <input type="checkbox"/>	Field Screening Results Tables for Other Media
20 <input type="checkbox"/>	Laboratory Results Tables for Other Media
21 <input type="checkbox"/>	Tier I RBSL / Tier II or Tier III SSTL Comparison Tables for Other Media
22 <input type="checkbox"/>	Site Map Showing Sampling Locations and Maximum Contaminant Concentrations for Other Media
23 <input type="checkbox"/>	Calculations Supporting the Development of the Tier I and Tier II or Tier III SSTLs
24 <input type="checkbox"/>	Schematic of the Remedial System to Be Employed
25 <input type="checkbox"/>	Maps Depicting Capture Zones, System Layout and Anticipated System Rates
26 <input checked="" type="checkbox"/>	Performance Monitoring Plan
27 <input checked="" type="checkbox"/>	Implementation Schedule for the Corrective Action
28 <input type="checkbox"/>	Map Locating the Individuals and Population Segments Provided Public Notice

1.0 REPORTING AND RESPONSE TO RELEASES INVOLVING FREE PRODUCT

A. Has free product been encountered subsequent to submission of the Initial Assessment Report? Yes No

If "No", skip to Section 2.0. If "Yes", continue with question "B" below.

B. Date and Time Free Product Was Discovered:

C. Date and Time Free Product Fax Transmittal Sheet Submitted:

D. Has there ever been free product in the on-site or off-site soils? Yes No

E. Is there currently free product in the on-site or off-site soils? Yes No

F. Is there currently free product in or around buried underground utilities? Yes No

G. Has there ever been free product on/in the groundwater? Yes No

H. Is there currently free product on/in the groundwater? Yes No

I. What initial response actions were performed at this site to address the presence of free product?

PURPOSE OF INITIAL RESPONSE ACTIONS	WERE ACTIONS TAKEN? (Yes/Date or No)	IF "Yes", DESCRIBE THE ACTIONS TAKEN AND THEIR RESULTS IF "No", INDICATE WHY NOT
To identify the presence of free product [324.21307(2)(c)]		
To recover free product in a manner that minimizes the spread of contamination into previously uncontaminated zones [324.21307(2)(c)(i)]		
To utilize recovery and disposal techniques appropriate to site conditions [324.21307(2)(c)(i)]		
To properly treat recovery by-products as required by law (identify the type of treatment applied and the expected effluent quality) [324.21307(2)(c)(i)]		

PURPOSE OF INITIAL RESPONSE ACTIONS	WERE ACTIONS TAKEN? (Yes/Date or No)	IF "Yes", DESCRIBE THE ACTIONS TAKEN AND THEIR RESULTS. IF "No", INDICATE WHY NOT
To properly dispose of recovery by-products as required by law [324.21307(2)(c)(i)]		
To handle any flammable products in a safe and competent manner to prevent fires and explosions [324.21307(2)(c)(iii)]		

J. Complete the following table relating to free product recovery:

LOCATION OF OBSERVED FREE PRODUCT (Specify ID No.)	THICKNESS OF FREE PRODUCT OBSERVED (nearest 1/8")	TYPE OF FREE PRODUCT OBSERVED	LNAPL OR DNAPL*?	QUANTITY OF FREE PRODUCT RECOVERED (gallons)
IN WELLS				
IN BOREHOLES				
IN EXCAVATIONS				
OTHER LOCATIONS (Specify)				
TOTAL FREE PRODUCT RECOVERED TO DATE				

*LNAPL = Light Non-Aqueous Phase Liquid; DNAPL = Dense Non-Aqueous Phase Liquid

K. Has the extent of free product been defined? Yes No

L. If "Yes", include the extent of free product on the site map included as Attachment No. 1.

M. Describe the free product recovery system that was or is being used or is proposed
 (include a schematic as Attachment No. 2, if appropriate):

N. If the free product recovery system is currently "proposed", provide the planned installation date:

O. Has the recovered free product been properly disposed? Yes No

P. If "No", specify:

Q. Provide the name of the person or persons responsible for implementing the free product removal measures:

Company Name
 Company Address
 Company Telephone No.
 Contact Person
 Contact Telephone No.

2.0 DELINEATION OF THE EXTENT OF CONTAMINATION

A. Were additional site assessment activities conducted subsequent to the submission of the Initial Assessment Report? Yes No

B. If "Yes", what environmental media were further investigated?
(Check all that apply):

Soil Groundwater Air Surface Water

Sediments Biota Other (Specify): _____

C. Was the Work Plan implemented as outlined in the Initial Assessment Report? Yes No

D. If "No", describe the changes made to the sampling and analysis plan in detail and provide justification for why they were made (attach additional sheets, as needed):

2.1 SITE AND AREA MAPS

Area and site map(s), drawn to scale, may be used to effectively present a variety of information required to be included in this Final Assessment Report. It may not be possible to include all required information on one map. Multiple maps may be attached, with each highlighting a different type of information. However, use of multiple maps should be minimized. Placement of information on the site map(s) should be done in a clear and legible manner. The area map should show the location of the site boundaries in relation to the nearest major roads.

The base site map on which to display information required for the Final Assessment Report should include the following, as appropriate:

- *Location of each underground storage tank and associated piping in the leaking underground storage tank system (prior to excavation if tanks have been removed)*
- *Location of the release and the component of the underground storage tank system from which the release occurred*
- *Location of any other existing and former underground storage tanks at the site*
- *Approximate location of fill ports, dispensers, and other pertinent system components*
- *Location of nearby buildings, roadways, paved areas, or other structures*
- *Location of nearby surface waters or wetlands*

- *Location and depth of nearby underground sewers and utility lines*
- *Location of all wells within 100 feet of the property boundary*

2.2 SOIL CONDITIONS AND CHARACTERISTICS

A. Is soil contamination present? Yes No

NOTE: If "Yes", complete questions "B" through "H". If "No", skip to Section 2.3.

B. Total volume of soil remediated or disposed to date: 40 yds³

C. Describe any soil remediation or disposal activities performed to date: To date, soils associated with limited excavation activities that occurred during the waste oil UST removal, gasoline UST replacement, product line replacement activities, and site assessment activities were disposed of at Browning-Ferris Industries, Arbor Hills Landfill located in Northville, Michigan.

D. Attach Field Screening Results (See Attachment No. 3) and Laboratory Results (See Attachment No. 4) tables showing the results of all soil sampling performed to date for the listed parameters. (NOTE: The USTD may request copies of the laboratory data sheets, chain-of-custody forms, and all available QA/QC

E. Provide in the Comparison Table for Soils (See Attachment No. 5) the maximum contaminant concentrations detected to date in the remaining soils for each listed parameter. (NOTE: Enter "ND" with the appropriate method detection limit when the parameter was not detected, and enter "NA" when the chemical was not analyzed. In areas where remediation has occurred, do not include sample results for areas where the soil has been subsequently removed or the characteristics of the soil left in place have been altered due to the remediation.)

F. Show the maximum concentrations, sample depths, and horizontal extent of soil contamination in relation to the soil sampling locations on a site map. (See Attachment No. 6.)

G. Describe the vertical extent and distribution of the soil contaminants using depth-coded site maps (See Attachment No. 6), cross sections (Attachment No. 8), and/or boring logs (See Attachment No. 9):
In general, site lithology consists of fill material to two feet below ground surface (bgs). Underlying the fill material is a silty clay to approximately four feet bgs. The silty clay is underlain by silty sands and clayey silts ranging from four to ten feet bgs. A silty clay was identified at the maximum depth explored of twelve feet bgs. Petroleum hydrocarbon impacts appear to be isolated to soils between zero and ten feet bgs.

Based upon review of potable well log records from the surrounding area, the lithology beneath the site is comprised of clays to approximately sixty feet bgs, where a sand unit of approximately two to ten feet is found. Beneath the sand are various layers of hardpan, gravel, and clays to one hundred forty feet bgs or more. Area potable water wells are screened beneath this clay, ranging from about 140 to 190 feet bgs.

H. Was any on-site soil contamination not related to the release discovered during the site characterization activities performed subsequent to the submission of the Initial Assessment Report?
 Yes No

If "Yes", answer question "I"; otherwise, skip to Section 2.3.

I. Provide the following information:

ON-SITE CONTAMINANTS NOT RELATED TO THE RELEASE	SOURCE OF THIS CONTAMINATION (If Known)	LOCATION OF THIS CONTAMINATION

2.3 GROUNDWATER CONDITIONS AND CHARACTERISTICS

A. Has groundwater been encountered at the site? Yes No

B. If "No", provide the total depth investigated and the date of investigation:

Depth of Investigation: _____ ft BGS

Date of Investigation: ____/____/____

If "No", skip to Section 2.4; otherwise, continue with Section 2.3.

C. Is the groundwater potable? Yes No

D. Is the groundwater currently a source of drinking water? Yes No

E. Is groundwater being used for a purpose other than potable drinking use? Yes No

F. Is more than one groundwater unit present beneath the site? Yes No

Unknown

Hydrogeologic Characteristics (*if appropriate*):

G. Average depth to groundwater (as measured in site well(s)): ~3.0 ft BGS

H. Depth to bottom of water-bearing layer: ~8.0 ft BGS

I. Depth to a potable groundwater unit: ~68* ft BGS

* Water was indicated in some area well logs at approximately 70 feet however, the potable water wells are set in water bearing units > 140 feet bgs.

J. Attach copies of boring logs (See Attachment No. 9) and well construction diagrams (See Attachment No. 10) for all monitoring wells.

Groundwater Flow Rate and Direction:

K. Predominant soil type in water-bearing stratum (*e.g., sand, silt*): silty sand/clayey silt

L. Effective porosity of water-bearing stratum 0.15 cm³ void/cm³ soil

M. Hydraulic conductivity (measured estimated): 1x10⁻⁶ cm/sec

N. Lateral hydraulic flow gradient (*attach a site map with groundwater flow direction and elevation data as Attachment No. 11 - USGS datum preferred*): 0.02 ft/ft

to the south

O. Effective groundwater flow rate: 0.1 ft/yr

P. Identify hydrogeologic conditions that could influence flow direction (*describe here or attach description as Attachment No. 12*: Preferential pathways within fill materials associated with underground utilities may influence groundwater flow direction.

Q. Is there any indication of a vertical flow gradient? Yes No

R. If "Yes", describe: _____

S. Has the groundwater been affected by the release? Yes No
If "No", skip to Section 2.4; otherwise, continue with Section 2.3.

T. Has there been more than one groundwater unit contaminated by the release?
 Yes No

U. If "Yes", attach additional sheets answering questions "G" through "R" for each groundwater unit.

V. Describe any groundwater remediation activities performed to date:

W. Total volume of groundwater remediated to date: 0 gallons

X. Does the known plume currently extend off-site? Yes* No Unknown

* Below Groundwater Direct Contact Criteria.

Y. Attach Field Screening Results (Attachment No. 13) and Laboratory Results (See Attachment No. 14) tables showing the results of all groundwater sampling performed to date for the listed parameters. (NOTE: The USTD may request copies of the laboratory data sheets, chain-of-custody forms, and all available QA/QC information.)

Z. Provide in the Comparison Table for Groundwater (See Attachment No. 15) the maximum contaminant concentrations detected to date in the on-site or off-site groundwater for each listed parameter. (NOTE: Enter "ND" with the appropriate method detection limit when the parameter was not detected, and enter "NA" when the chemical was not analyzed. In areas where remediation has occurred, do not include sample results for areas where the groundwater has been subsequently altered due to remediation.)

AA. Show the maximum concentrations and the estimated aerial horizontal extent of the contaminated plume in relation to the groundwater sampling locations on the site map and include as Attachment No. 16 (See Attachment No. 16).

BB. Describe the vertical extent and distribution of the groundwater contaminants using depth-coded cross sections (Attachment No. 17) that show screened intervals of the monitoring wells. Cross sections locations should be included on the site map.

CC. Were multiple groundwater sampling events conducted at the site? Yes No

DD. If "Yes", include a chronological summary of the results for each sampling location using the data tables provided in Attachment No. 14 and include as Attachment No. 18.

2.4 CONDITIONS AND CHARACTERISTICS IN OTHER ENVIRONMENTAL MEDIA

A. Is contamination present in any environmental media other than soil or groundwater?
 Yes No

NOTE: If "Yes", answer questions "B" through "I". If "No", skip to Section 3.0.

B. What other environmental media were investigated as part of this corrective action?
(Check all that apply):

- Air Surface Water Sediment
 Biota Other (Specify): _____

NOTE: For each environmental media checked, answer questions "C" through "I".

C. Total volume of each of the other specified media remediated or disposed to date
(Specify units): _____

D. Describe any remediation, treatment or disposal activities performed to date relative to each of the other specified media: _____

E. Attach Field Screening Results (Attachment No. 19) and Laboratory Results (Attachment No. 20) tables showing the results of all sampling performed to date for the listed parameters in the other specified environmental media. (NOTE: The USTD may request copies of the laboratory data sheets, chain-of-custody forms, and all available QA/QC information.)

F. Provide in the Comparison Table for Other Environmental Media (Attachment No. 21) the maximum contaminant concentrations detected to date in each other specified environmental media for each listed parameter. (NOTE: Enter "ND" with the appropriate method detection limit when the parameter was not detected, and enter "NA" when the chemical was not analyzed. In areas where remediation has occurred, do not include sample results for areas where the material has been subsequently removed or the characteristics of the material left in place have been altered due to the remediation.)

G. Show the maximum concentrations, sample depths, and extent of contamination in the other specified environmental media (as appropriate) in relation to the sampling locations on the site map included as Attachment No. 22.

H. Describe the extent and distribution of the contaminants in the other specified media: _____

I. If there is known contamination in the other specified media not related to the release, complete the following:

ON-SITE CONTAMINANTS NOT RELATED TO THE RELEASE	SOURCE OF THIS CONTAMINATION (If Known)	LOCATION OF THIS CONTAMINATION

3.0 SITE CLASSIFICATION

A. Indicate the current Site Classification Level (See Attachment No. 10 of the "Guidance Document for Risk-Based Corrective Action at Leaking Underground Storage Tanks"):

- Class 1: Immediate threat to human health, safety, or sensitive environmental receptors
- Class 2: Short-term threat to human health, safety, or sensitive environmental receptors
- Class 3: Long-term threat to human health, safety, or sensitive environmental receptors
- Class 4: No demonstrable long-term threat to human health, safety, or sensitive environmental receptors

NOTE: Regardless of the classification level, all reports must be submitted within the legislative time frame unless an alternate schedule is approved in writing by the USTD.

B. Date of most recent classification or reclassification: 7/5/96 (Initial Abatement Report)

C. Is this classification a reclassification performed subsequent to the submission of the Initial Assessment Report? Yes

D. If "Yes", describe the conditions that have changed significantly since the prior classification to justify the reclassification: _____

4.0 RESULTS OF THE TIER II OR TIER III EVALUATION

4.1 CONFIRMATION OF EXPOSURE PATHWAYS AND SCENARIOS

A. Have any of the following site characteristics or conditions, transport mechanisms, exposure routes, or potential receptors at the site or the surrounding area been newly identified to be present or changed significantly in character since the submission of the Initial Assessment Report? Yes No

B. If "Yes", check all that are newly identified or significantly changed since the submission of the Initial Assessment Report:

Site Characteristics or Conditions

- Neighboring Land Use or Local Zoning Changes
- New or Discontinued Uses of Groundwater At or Near the Site
- Changes in On-Site Facility Operations
- Construction of New Structures or Utilities At or Near the Site

Potential Transport Mechanism(s)

- Wind Erosion and Atmospheric Dispersion
- Volatilization and Atmospheric Dispersion
- Volatilization and Enclosed-Space Accumulation
- Leaching and Groundwater Transport
- Mobile Free-Liquid Migration
- Stormwater/Surface Water Transport
- Utility Corridors
- Other (*Specify*): _____

Potential Exposure Route(s)

- Soil Ingestion
- Direct Contact of Soil with Skin
- Inhalation of Airborne Particulates
- Inhalation of Volatiles
- Potable Water Use
- Use of Non-Potable Water
- Other (*Specify*): Direct Contact of Groundwater with Skin.

Potential Receptor(s)

- Resident
- Commercial Worker III*
- Commercial Worker IV*
- Industrial Worker
- Construction Worker
- Sensitive Habitat
- Structures
- Utilities
- Surface Waters
- Water Supply Wells
- Other (*Specify*): _____

* As defined in Attachment No. 11 to the "Guidance Document for Risk-Based Corrective Action at Leaking Underground Storage Tanks"

C. For each item checked above, briefly describe the change and its potential impact on the selection of exposure route(s) and potential receptors for the Tier II or Tier III evaluation relative to the Tier I or Tier II evaluation included in the Initial Assessment Report (*use additional attached sheets, if necessary*): The existence of

impacted groundwater on-site subsequent to the Initial Assessment Report identifies the potential for non-potable use of impacted water and the possibility of "Direct Contact of Groundwater with Skin".

NOTE: A pathway must include three necessary elements:

- 1) a source (e.g., contamination);*
- 2) a mechanism by which the contamination can become available to result in exposures at the source or via migration to other locations (e.g., free product and contaminated groundwater movement along a buried utility corridor); and*
- 3) an individual who may come into contact, ingest, or inhale the contamination at the point of exposure (e.g., a utility maintenance worker digging to repair the line).*

Examples include:

- 1. inhalation of soils by an on-site construction worker*
- 2. impacted soils leaching into potable ground water and being used by a nearby resident for drinking and bathing*
- 3. inhalation of vapors resulting from the migration of free product by a neighboring industrial worker*
- 4. groundwater discharging to wetlands*

D. List the most plausible potential residential exposure pathway(s) for the site:

The most plausible residential exposure pathway would result from the inhalation of vapors which may migrate to the atmosphere.

E. List the most plausible potential commercial exposure pathway(s) for the site:

The most plausible commercial exposure pathway would result from direct contact with impacted soil/groundwater by a construction worker during excavation activities.

F. List the most plausible potential industrial exposure pathway(s) for the site:

No plausible industrial exposure pathway is believed to exist.

G. List the most plausible potential sensitive habitat exposure pathway(s) for the site:

No plausible sensitive habitat exposure pathway is believed to exist.

4.2 JUSTIFICATION FOR ALTERNATE ASSUMPTIONS OR MODELING PARAMETER SELECTIONS

A. Has a site-specific Tier II or Tier III evaluation been conducted for this Final Assessment Report?

Yes No

B. If "Yes", identify and justify where alternate assumptions or site-specific information was used in place of the default assumptions as defined in Attachment No. 11 of the "Guidance Document For Risk-Based Corrective Action At Leaking Underground Storage Tanks". *(If a Tier II evaluation was performed and described in the Initial Assessment Report, explicitly indicate where different assumptions or site-specific information were used in this Tier II or Tier III evaluation and why the change was justified.)*

ASSUMPTION	DEFAULT TIER I OR PRIOR TIER II SELECTION	ALTERNATE SELECTION	JUSTIFICATION OR BASIS FOR SUBSTITUTION <i>(Attach sheets if needed)</i>

C. Include the calculations supporting the development of the relevant Tier I RBSLs and Tier II or Tier III SSTLs as Attachment No. 23.

4.3 IDENTIFICATION OF TIER I RISK-BASED SCREENING LEVELS OR TIER II / TIER III SITE-SPECIFIC TARGET LEVELS AND COMPARISON TO SITE DATA

A. For each contaminated medium, complete a Tier I RBSL / Tier II or Tier III SSTL Comparison Table (Attachment No. 5 for soil, Attachment No. 15 for groundwater and Attachment No. 21 for other media, as appropriate) by:

1. Checking the box associated with the applicable land use scenario;
2. Checking the boxes associated with the contaminants currently present at the site;
3. Entering the current maximum detected on-site or off-site concentration for each selected contaminant, along with the corresponding sample identification number and date of sampling;
4. Entering the lowest applicable RBSL value from the Tier I Look-Up Tables (*refer to Attachment No. 11 of the "Guidance Document For Risk-Based Corrective Action At Leaking Underground Storage Tanks"*) for the specific exposure routes present and environmental medium being considered or a corresponding optional Tier II SSTL. *[NOTE: Include the exposure route code that identifies the basis for each applicable criterion noted. For example, 12 ug/kg (A) for a cleanup goal based on the direct contact with soil exposure route, and 12 ug/kg (B) for a cleanup goal based on the soil leaching to groundwater exposure route];*
5. Comparing the contaminant-specific maximum concentration to the corresponding RBSL or SSTL criterion; and
6. Identifying and recording whether or not there is an exceedence of the RBSL or the SSTL.

B. Tier I RBSL / Tier II or Tier III SSTL Comparison Tables are attached for the following (*Check all that apply*):

LAND USE	ENVIRONMENTAL MEDIUM		
	SOIL	GROUNDWATER	OTHER (<i>Specify</i>)
Residential	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Commercial III	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Commercial IV	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Industrial	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

4.4 PROPOSED FOLLOW-UP ACTIVITIES

A. Based on the results of the Tier II or III evaluation, indicate the follow-up activities proposed for the site:

<input type="checkbox"/> Site conditions do not exceed the relevant Tier I RBSLs or the calculated Tier II/ Tier III SSTLs do not rely on institutional controls	Proceed with site closure. No further sections of Final Assessment Report need to be completed.
<input checked="" type="checkbox"/> Site conditions exceed some or all of the relevant Tier I RBSLs or Tier II/Tier III SSTLs	Propose final corrective action to achieve Tier I RBSLs or Tier II/Tier III SSTLs. Continue with Section 5.0.

5.0 FEASIBILITY ANALYSIS

A. As appropriate, given the site conditions, complete the following comparison table of the potentially applicable corrective actions that were considered for the facility to reduce the volume, toxicity and/or mobility of the released regulated substances (*both on-site and off-site, as applicable*), noting the principal advantages and disadvantages of each listed alternative. (*Indicate explicitly, where appropriate, the relative estimated net present value cost of each alternative corrective action, its indicated effectiveness and feasibility, and the time needed to implement and complete the alternative. Attach additional sheets, if necessary.*)

CORRECTIVE ACTION ALTERNATIVES	PRINCIPAL ADVANTAGES	PRINCIPAL DISADVANTAGES
Soil, Groundwater, and Vapor Monitoring. *	Current soil and groundwater impacts are below Tier I residential RBSLs (direct contact) with the exception of xylenes in soil and PNAs in water. Vapor pathways can be initiated; natural attenuation can be monitored.	None

* No remedial alternatives were considered. See Section 5.0 B.

B. Identify and briefly describe the preferred alternative. (*Attach additional sheets, if needed. Document the rationale for selecting this option by discussing how the selected remedial action will:*

- *Be protective of human health and the environment*
- *Comply with applicable or relevant and appropriate requirements*
- *Meet the requirements of the Risk-Based Corrective Action process*
- *Be a permanent solution (to the maximum extent possible)*
- *Be cost-effective*

Petroleum hydrocarbon impacts to soil and groundwater appear to be below the appropriate Tier I Residential RBSLs (direct contact) for this site (with the exception of xylenes in soil at location S-2 (2.5' bgs), and PNA constituents detected in groundwater at PH-2). Monitoring will allow the collection of soil, groundwater, and vapor data to assess natural attenuation. This approach is consistent with the requirements of the RBCA process, is in compliance with ARARs, and should result in a closure which is protective of human health and the environment. Should future evaluations indicate remediation is necessary, a revised FAR will be submitted.

C. Has a pilot study been conducted to demonstrate the performance of any component or subsystem associated with the corrective action? Yes No

D. If "Yes", describe the pilot study or testing that was conducted and present the results (*attach additional sheets, if necessary*): _____

E. If a pilot study or testing was not conducted, explain why they were not needed: No active remediation is proposed.

6.0 CORRECTIVE ACTION PLAN

6.1 DESCRIPTION OF THE CORRECTIVE ACTION

A. Describe the overall program and the primary components of the selected corrective action to be implemented at the facility (*attach additional sheets, if necessary*):

A soil, groundwater, and vapor monitoring program will be implemented to assess natural attenuation.

B. Include a schematic drawing of the remedial system to be employed (Attachment No. 24).

C. Include maps depicting capture zones/zones of influence, system layout, and anticipated system rates (Attachment No. 25).

D. From Attachment No. 12 to the "Guidance Document for Risk-Based Corrective Action at Leaking Underground Storage Tanks" (*entitled "Guidance for Parameters, Analytical Methods, Sample Handling, Quality Control, and Cleanup Limits for Petroleum Hydrocarbon Releases"*), specify and justify the indicator parameters to be used (*if applicable*) to evaluate the implementation of the Corrective Action Plan. (*For each indicator parameter, identify the corresponding cleanup goal and the basis of the cleanup goal.*)

INDICATOR PARAMETER / Rationale for Selection	IDENTIFIED CLEANUP GOAL	UNITS (ug/kg or ug/l)	BASIS OF THE CLEANUP GOAL
Benzene	9,300 GW 88,000 soil	ug/l ug/kg	Direct contact Direct contact
Toluene	526,000 GW 6020000 soil	ug/l ug/kg	Solubility Soil saturation
Ethylbenzene	169,000 GW 380,000 soil	ug/l ug/kg	Solubility Soil saturation
Xylenes	186,000 GW 400,000 soil	ug/l ug/kg	Solubility Soil saturation
MTBE	1,700,000 GW 3,600,000 soil	ug/l ug/kg	Direct contact Direct contact
PNA	Reference Operational Memorandum #4 (Direct Contact)	ug/l ug/kg	Direct contact of appropriate Csat criteria

6.2 AMBIENT AIR QUALITY MONITORING ACTIVITIES

A. Will ambient air quality be monitored during the implementation of the corrective action?
 Yes No

B. If "No", explain why air monitoring is not needed: No active corrective action is proposed; the impacted area is directly below an operating gasoline service station.

C. If "Yes", describe the air quality monitoring to be conducted during the corrective action:

PARAMETERS TO BE MONITORED	ACTION LEVEL (Basis for Action Level)	MONITORING DEVICE TO BE USED	MONITORING FREQUENCY	PROCEDURE TO BE FOLLOWED IF ACTION LEVEL EXCEEDED

6.3 PLANS FOR OPERATION AND MAINTENANCE

A. Does any equipment or system associated with the corrective action need to be operated or maintained in order for the RBSLs or SSTLs to be met?
 Yes No

(NOTE: The USTD may request that operation and maintenance information and procedures for this equipment or systems be developed as identified in Section 21309(2)(b).)

6.4 PLANS FOR PERFORMANCE MONITORING

A. Does meeting the cleanup goals depend on the performance of a treatment system or a system for controlling the further release or migration of contaminants?
 Yes No

* The site currently meets (with the exception of total xylenes in soil and some PNA constituents in groundwater) Tier I RBSLs (direct contact) therefore, additional monitoring is proposed to assess natural attenuation.

If "No", skip to Section 6.5.

B. Identify the environmental media to be monitored during the corrective action
 (Check all that apply):

ENVIRONMENTAL MEDIA TO BE MONITORED	ON-SITE	OFF-SITE
Soil	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Groundwater	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Surface Water		

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 FINAL ASSESSMENT REPORT (Continued)

Other (<i>Specify</i>): Vapor	<input checked="" type="checkbox"/>	
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C. Provide the following information regarding the plan for performance monitoring which is included as Attachment No. 26:

REQUIRED INFORMATION OR CONTENTS	INCLUDED IN THE MONITORING PLAN? (Yes or No)	IDENTIFY SECTION(S) / PAGE(S) WITHIN THE MONITORING PLAN WHERE THE SPECIFIED INFORMATION IS PRESENTED
Location of monitoring points (Include a site map with locations marked) [324.21309a(2)(c)(i)]	Yes	1
Monitoring frequency and schedule [324.21309a(2)(c)(iii)]	Yes	1
Monitoring methodology and sample collection procedures [324.21309a(2)(c)(iv)]	Yes	1
Monitoring parameters to be used as indicators, and the rationale for their selection [324.21309a(2)(c)(v)]	Yes	1
Laboratory name, analytical method to be employed, method detection limits, and practical quantitation limits [324.21309a(2)(c)(vi)]	Yes	1
Quality assurance/ quality control (QA/QC) procedures and measures to be employed [324.21309a(2)(c)(vii)]	Yes	2
Description of how the monitoring data will be presented and analyzed to demonstrate the effectiveness of the corrective action [324.21309a(2)(c)(viii) and (xi)]	Yes	2
Operation and maintenance provisions for the monitoring activities [324.21309a(2)(c)(x)]	No	N/A
Any contingency planning to address ineffective monitoring [324.21309a(2)(c)(ix)]	No	N/A
Other information requested by USTD [324.21309a(2)(c)(xii)] (<i>Specify, if applicable</i>): _____ _____	No	N/A

NOTE: The USTD must be notified immediately if ineffective corrective action is indicated by monitoring activities.

6.5 SCHEDULE FOR IMPLEMENTATION OF THE CORRECTIVE ACTION

A. Attach the schedule for implementing the corrective action (*Include as Attachment No. 27. Reflect sufficient detail, a breakdown of the overall program into subcomponents, and the identification of key interim milestones (e.g., proposed submittal dates for Public Notice, Notice of Corrective Action, etc.) to demonstrate that the corrective action is implementable and has been adequately planned.*)

- B.** Date Confirmed Release Report Submitted: 4 / 8 / 96
C. Date Initial Assessment Report Submitted: 7 / 5 / 96
D. Date of Subsequent or Other Releases (*if appropriate*): 4 / 28 / 96
E. Proposed Corrective Action Start Date: 6 / 8 / 97
F. Dates of Key Interim Milestones (*Specify*):
G. Proposed Remedial Activity Completion Date: 11/98
H. Expected Performance Monitoring Completion Date: 11/98

6.6 NOTICES AND RESTRICTIONS

A. Will the corrective action plan require the use of institutional controls to restrict land use or resources?
 Yes No

If "No", skip to Section 6.7; otherwise, answer questions "B" through "F" below.

B. What notices or restrictions will be filed based on the planned corrective action?
(*Check all that apply*)

- Public Notice [324.21309a(3)] Notice of Corrective Action [324.21310a(1)]
 Restrictive Covenant [324.21310a(2)] Other Mechanisms [324.21310a(3)]

C. Will USTD guidance be used to establish the form and content of the required notice(s) as provided in Attachment 20 of the "Guidance Document for Risk-Based Corrective Action at Leaking Underground Storage Tanks"? Yes No

D. If "No", provide an explanation: _____

E. Describe all land use and/or resource limitations associated with the planned corrective action: _____

F. Identify the individuals or segments of the public to be provided notice of the proposed land use restrictions or limitations to be placed on resource use. (Include a map showing location(s) of the individuals or segments of the public to be notified, if appropriate, as Attachment No. 28):

6.7 FINANCIAL ASSURANCE MECHANISM

A. Has a financial assurance agreement, as provided for in R29.2161 to R29.2169 of the Michigan Administrative Code, been included for approval by the USTD to assure the effectiveness and integrity of the corrective action? Yes No

B. If "No", provide an explanation: _____

If "Yes", provide the following:

C. Date the financial assurance mechanism was submitted to USTD: 7/15/96

D. Amount of the financial assurance mechanism: \$ 2,000,000

E. Coverage of the financial assurance mechanism
(check all that apply):

- Monitoring Operation and Maintenance
 Oversight Other (Specify): _____

6.8 PERMITTING AND APPROVAL REQUIREMENTS

A. Will the corrective action result in any discharge during its implementation? Yes No

If "No", no more information is necessary; if "Yes", continue with questions "B" and "C".

B. Describe the activity(s) representing the source of the discharge:

C. Provide the following information regarding the planned discharges:

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FINAL ASSESSMENT REPORT (Continued)

SOURCE OF THE DISCHARGE	LOCATION OF THE DISCHARGE POINT (Attach a Site Map, if applicable)	WILL TREATMENT BE PERFORMED PRIOR TO DISCHARGE? IF SO, DESCRIBE.	ARE PERMITS REQUIRED FOR DISCHARGE? IF SO, DESCRIBE WHAT STEPS HAVE BEEN TAKEN TO OBTAIN THEM.

ATTACHMENT 26

Monitoring Plan
 Shell Oil Products Company
 975 Rochester Road
 Rochester, Michigan

This performance monitoring plan has been developed for the above referenced site as directed by Michigan Public Act 451, Section 21309a(2)(c).

Monitoring Locations and Frequency

Groundwater and soil monitoring will be conducted to monitor natural attenuation at the site. The locations to be monitored are depicted on a site map (Attachment 25). Groundwater samples will be collected from these monitoring wells on a quarterly basis beginning June 1997. Soil samples will be collected from borings advanced at the monitoring points on an annual basis beginning September 1997. Samples will continue to be collected until such time that it is determined that: corrective action has been successful (at which time closure verification will be initiated), or corrective action has been unsuccessful and an alternative remedial approach is proposed. A schedule, assuming corrective action is complete in 18 months, is attached (Attachment 27).

Groundwater and Soil Sample Collection Procedures

Before collecting groundwater samples, three casing volumes of water will be removed from the wells. To insure sample integrity, monitoring wells will be purged and sampled using one disposable polyethylene bailer per well. Groundwater samples will be transferred from the bailer to laboratory prepared sample containers, placed on ice, and transported to an analytical laboratory under chain-of-custody protocol.

Soil samples will be collected by advancing a boring in the impacted area. The soil borings will be advanced to the water-table and a soil sample will be collected from the interval of the vadose zone indicating the highest organic vapor levels (based upon PID screening). The soil sample will be placed in a laboratory prepared sample container, placed on ice, and transported to an analytical laboratory under chain-of-custody protocol.

Monitoring Parameters and Analytical Methods/MDLs

Groundwater and soil samples will be analyzed for the following.

PARAMETER	ANALYTICAL METHOD	METHOD DETECTION LIMIT
Benzene	USEPA 8020 or similarly approved method from MERA Memo #6	5 ppb (GW) / 10 ppb (soil)
Toluene	USEPA 8020 or similarly approved method from MERA Memo #6	1 ppb (GW) / 10 ppb (soil)
Ethylbenzene	USEPA 8020 or similarly approved method from MERA Memo #6	1 ppb (GW) / 10 ppb (soil)
Xylenes	USEPA 8020 or similarly approved method from MERA Memo #6	3 ppb (GW) / 30 ppb (soil)
MTBE	USEPA 8020 or similarly approved method from MERA Memo #6	50 ppb (GW) / 100 ppb (soil)
PNA	USEPA 8310 or similarly approved method from MERA Memo #6.	5 ppb (GW) / 330 ppb (soil)

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These parameters have been identified as indicators for gasoline releases by the MDEQ's *Guidance for Parameters, Analytical Methods, Sample Handling, Quality Control, and Cleanup Limits for Petroleum Hydrocarbon Releases* (June 30, 1995) draft guidance document, and appear to be appropriate based upon previous site investigations.

The analytical laboratory is currently identified as Southern Petroleum Laboratories (SPL) in Traverse City, Michigan.

Quality Assurance and Quality Control Measures

EnecoTech's Quality Assurance/Quality Control (QA/QC) program will be adhered to during all phases of the investigation. QA/QC procedures include, but are not limited to:

- Decontamination of sampling equipment before and between sampling events;
- Chain-of-custody protocol for laboratory analyses;
- Proper calibration of field equipment; and
- Documentation of all field activities.

Additionally, a copy of SPLs QA/QC Program is attached for review.

Data Evaluations

Upon completion of the laboratory analysis, EnecoTech will review the sample results to determine if concentrations are above or below the RBSLs. The results will be reviewed to determine general trends. The results of EnecoTech's evaluations will be presented to the MDEQ on a quarterly basis in a Monitoring Summary Report. The report will include a copy of the analytical reports, site maps depicting analytical results, and a summary of findings.

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FINAL ASSESSMENT REPORT

ATTACHMENT NO. 3
FIELD SCREENING RESULTS - SOIL
FACILITY NAME Shell Service Station
FACILITY ID NUMBER 0-009055

Sample ID	BS-1		BS-2		NSW		SSW		ESW	
Sample Depth (feet BGS)	8.0		8.0		4.0		4.0		4.0	
Date Collected	4/15/96		4/15/96		4/15/96		4/15/96		4/15/96	
Date Analyzed	4/15/96		4/15/96		4/15/96		4/15/96		4/15/96	
Collection Method*	GS		GS		GS		GS		GS	
Screening Instrument	PID		PID		PID		PID		PID	
CONSTITUENT	Result	D.L	Result	D.L	Result	D.L	Result	D.L	Result	D.L
Total Organics (ppm)	ND	1	ND	1	ND	1	ND	1	ND	1
Benzene (ppb)										
Ethylbenzene (ppb)										
Toluene (ppb)										
Total Xylenes (ppb)										
Other (Specify)										
Sample ID	WSW		S-1		S-2		S-3		S-4	
Sample Depth (feet BGS)	4.0		2.5		2.5		2.0		2.0	
Date Collected	4/15/96		4/18/96		4/18/96		4/18/96		4/18/96	
Date Analyzed	4/15/96		4/18/96		4/18/96		4/18/96		4/18/96	
Collection Method*	GS		GS		GS		GS		GS	
Screening Instrument	PID		PID		PID		PID		PID	
CONSTITUENT	Result	D.L	Result	D.L	Result	D.L	Result	D.L	Result	D.L
Total Organics (ppm)	ND	1	668	1	2491	1	1849	1	3.0	1
Benzene (ppb)										
Ethylbenzene (ppb)										
Toluene (ppb)										
Total Xylenes (ppb)										
Other (Specify)										

BGS = Below Ground Surface

* Collection Method Codes (List all that apply): Grab Sample (GS), Split Spoon (SS)m Hand Auger (HA), Geoprobe (GP), Continuous Corer (CC), Soil Gas (SG), Cone Penetrometer (CP), Hydropunch (HP)

If other (OT) specify here: _____

MDL = Method Detection Limit

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY - UNDERGROUND STORAGE TANK DIVISION
 FINAL ASSESSMENT REPORT (CONTINUED)

ATTACHMENT NO. 3
 FIELD SCREENING RESULTS - SOIL
 FACILITY NAME Shell Service Station
 FACILITY ID NUMBER 0-009055

Sample ID	PH-1		PH-2		PH-3		PH-3		PH-4	
Sample Depth (feet BGS)	4-6		2-4		2-4		10-12		2-4	
Date Collected	10/17/96		10/17/96		10/17/96		10/18/96		10/17/96	
Date Analyzed	10/17/96		10/17/96		10/17/96		10/18/96		10/17/96	
Collection Method*	GP		GP		GP		GP		GP	
Screening Instrument	PID		PID		PID		PID		PID	
CONSTITUENT	Result	D.L	Result	D.L	Result	D.L	Result	D.L	Result	D.L
Total Organics (ppm)	4	0.1	545	0.1	ND	0.1	ND	0.1	ND	0.1
Benzene (ppb)										
Ethylbenzene (ppb)										
Toluene (ppb)										
Total Xylenes (ppb)										
Other (Specify)										
Sample ID	PH-4		PH-5		PH-5		PH-6		PH-6	
Sample Depth (feet BGS)	10-12		2-4		10-12		2-4		10-12	
Date Collected	10/17/96		10/18/96		10/18/96		10/18/96		10/18/96	
Date Analyzed	10/17/96		10/18/96		10/18/96		10/18/96		10/18/96	
Collection Method*	GP		GP		GP		GP		GP	
Screening Instrument	PID		PID		PID		PID		PID	
CONSTITUENT	Result	D.L	Result	D.L	Result	D.L	Result	D.L	Result	D.L
Total Organics (ppm)	ND	0.1	5	0.1	ND	0.1	ND	0.1	ND	0.1
Benzene (ppb)										
Ethylbenzene (ppb)										
Toluene (ppb)										
Total Xylenes (ppb)										
Other (Specify)										

BGS = Below Ground Surface

* Collection Method Codes (List all that apply): Grab Sample (GS), Split Spoon (SS)m Hand Auger (HA), Geoprobe (GP), Continuous Corer (CC), Soil Gas (SG), Cone Penetrometer (CP), Hydropunch (HP)

If other (OT) specify here: _____

MDL = Method Detection Limit

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY - UNDERGROUND STORAGE TANK DIVISION
FINAL ASSESSMENT REPORT

ATTACHMENT NO. 3
FIELD SCREENING RESULTS - SOIL
FACILITY NAME Shell Service Station
FACILITY ID NUMBER 0-009055

Sample ID	PH-7		PH-7		PH-8		PH-9		PH-9	
Sample Depth (feet BGS)	2-4		10-12		2-4		4-6		10-12	
Date Collected	10/18/96		10/18/96		10/17/96		10/17/96		10/17/96	
Date Analyzed	10/18/96		10/18/96		10/17/96		10/17/96		10/17/96	
Collection Method*	GP		GP		GP		GP		GP	
Screening Instrument	PID		PID		PID		PID		PID	
CONSTITUENT	Result	D.L.	Result	D.L.	Result	D.L.	Result	D.L.	Result	D.L.
Total Organics (ppm)	ND	0.1	ND	0.1	250	0.1	4	0.1	ND	0.1
Benzene (ppb)										
Ethylbenzene (ppb)										
Toluene (ppb)										
Total Xylenes (ppb)										
Other (Specify)										
Sample ID	PH-10		PH-10		PH-11		PH-12			
Sample Depth (feet BGS)	2-4		10-12		2-4		2-4			
Date Collected	10/17/96		10/17/96		10/17/96		10/17/96			
Date Analyzed	10/17/96		10/17/96		10/17/96		10/17/96			
Collection Method*	GP		GP		GP		GP			
Screening Instrument	PID		PID		PID		PID			
CONSTITUENT	Result	D.L.	Result	D.L.	Result	D.L.	Result	D.L.	Result	D.L.
Total Organics (ppm)	ND	0.1	ND	0.1	10	0.1	4	0.1		
Benzene (ppb)										
Ethylbenzene (ppb)										
Toluene (ppb)										
Total Xylenes (ppb)										
Other (Specify)										

3BGS = Below Ground Surface

* Collection Method Codes (List all that apply): Grab Sample (GS), Split Spoon (SS)m Hand Auger (HA), Geoprobe (GP), Continuous Corer (CC), Soil Gas (SG), Cone Penetrometer (CP), Hydropunch (HP)

If other (OT) specify here: _____

MDL = Method Detection Limit

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY - UNDERGROUND STORAGE TANK DIVISION
 FINAL ASSESSMENT REPORT (CONTINUED)

ATTACHMENT NO. 4
 LABORATORY RESULTS - SOIL
 FACILITY NAME Shell Service Station
 FACILITY ID NUMBER 0-009055

VOLATILES										
Sample ID	BS-1		BS-2		NSW		SSW		ESW	
Sample Depth (feet BGS)	8.0		8.0		4.0		4.0		4.0	
Date Collected	4/15/96		4/15/96		4/15/96		4/15/96		4/15/96	
Date Extracted										
Date Analyzed	4/27/96		4/28/96		4/27/96		4/27/96		4/27/96	
Analytical Method No.	8020		8020		8020		8020		8020	
Collection Method*	GS		GS		GS		GS		GS	
CONSTITUENT (ug/kg)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Benzene	ND	5	ND	5	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Toluene	ND	5	ND	5	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Ethylbenzene	ND	5	ND	5	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Total Xylenes	ND	5	ND	5	ND	5	ND	5	ND	5
<input type="checkbox"/> MTBE										
VOLATILES										
Sample ID	WSW		S-1		S-2		S-3		S-4	
Sample Depth (feet BGS)	4.0		2.5		2.5		2.0		2.0	
Date Collected	4/15/96		4/18/96		4/18/96		4/18/96		4/18/96	
Date Extracted										
Date Analyzed	4/27/96		4/24/96		4/24/96		4/24/96		4/23/96	
Analytical Method No.	8020		8020		8020		8020		8020	
Collection Method*	GS		GS		GS		GS		GS	
CONSTITUENT (ug/kg)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Benzene	ND	5	8,700	610	14,000	1,200	28,000	560	ND	5
<input checked="" type="checkbox"/> Toluene	ND	5	20,000	610	32,000	1,200	47,000	560	ND	5
<input checked="" type="checkbox"/> Ethylbenzene	ND	5	42,000	610	150,000	1,200	71,000	560	ND	5
<input checked="" type="checkbox"/> Total Xylenes	ND	5	173,000	610	510,000	1,200	320,000	560	ND	5
<input checked="" type="checkbox"/> MTBE	NA	NA	7,700	610	4,000	1,200	15,000	560	11	5

BGS = Below Ground Surface

* Collection Method Codes (List all that apply): Grab Sample (GS), Split Spoon (SS)m Hand Auger (HA), Geoprobe (GP), Continuous Corer (CC), Soil Gas (SG), Cone Penetrometer (CP), Hydropunch (HP)

If other (OT) specify here: _____

MDL = Method Detection Limit

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY - UNDERGROUND STORAGE TANK DIVISION
FINAL ASSESSMENT REPORT

ATTACHMENT NO. 4
LABORATORY RESULTS - SOIL
FACILITY NAME Shell Service Station
FACILITY ID NUMBER 0-009055

VOLATILES										
Sample ID	PH-1		PH-2		PH-3		PH-3		PH-4	
Sample Depth (feet BGS)	4-6		2-4		2-4		10-12		2-4	
Date Collected	10/17/96		10/17/96		10/18/96		10/18/96		10/17/96	
Date Extracted										
Date Analyzed	10/29/96		10/28/96		10/29/96		10/29/96		10/29/96	
Analytical Method No.	8020A		8020A		8020A		8020A		8020A	
Collection Method*	GP		GP		GP		GP		GP	
CONSTITUENT (ug/kg)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Benzene	ND	5	25,000	550	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Toluene	ND	5	160,000	550	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Ethylbenzene	ND	5	86,000	550	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Total Xylenes	ND	5	420,000	550	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> MTBE	6	5	18,000	550	ND	5	ND	5	5	5
VOLATILES										
Sample ID	PH-4		PH-5		PH-5		PH-6		PH-6	
Sample Depth (feet BGS)	10-12		2-4		10-12		2-4		10-12	
Date Collected	10/17/96		10/18/96		10/18/96		10/18/96		10/18/96	
Date Extracted										
Date Analyzed	10/29/96		10/26/96		10/26/96		10/29/96		10/28/96	
Analytical Method No.	8020A		8020A		8020A		8020A		8020A	
Collection Method*	GP		GP		GP		GP		GP	
CONSTITUENT (ug/kg)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Benzene	ND	5	ND	5	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Toluene	ND	5	ND	5	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Ethylbenzene	ND	5	ND	5	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Total Xylenes	ND	5	ND	5	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> MTBE	ND	5	ND	5	ND	5	ND	5	ND	5

2BGS = Below Ground Surface

* Collection Method Codes (*List all that apply*): Grab Sample (GS), Split Spoon (SS)m Hand Auger (HA), Geoprobe (GP), Continuous Corer (CC), Soil Gas (SG), Cone Penetrometer (CP), Hydropunch (HP)

If other (OT) specify here: _____

MDL = Method Detection Limit

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY - UNDERGROUND STORAGE TANK DIVISION
FINAL ASSESSMENT REPORT

ATTACHMENT NO. 4
LABORATORY RESULTS - SOIL
FACILITY NAME Shell Service Station
FACILITY ID NUMBER 0-009055

VOLATILES										
Sample ID	PH-7		PH-7		PH-8		PH-9		PH-9	
Sample Depth (feet BGS)	2-4		10-12		2-4		4-6		10-12	
Date Collected	10/18/96		10/18/96		10/17/96		10/17/96		10/17/96	
Date Extracted										
Date Analyzed	10/26/96		10/28/96		10/29/96		10/29/96		10/29/96	
Analytical Method No.	8020A		10/28/96		8020A		8020A		8020A	
Collection Method*	GP		GP		GP		GP		GP	
CONSTITUENT (ug/kg)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Benzene	ND	5	ND	5	27	5	7	5	8	5
<input checked="" type="checkbox"/> Toluene	ND	5	ND	5	ND	5	ND	5	6	5
<input checked="" type="checkbox"/> Ethylbenzene	ND	5	ND	5	150	5	ND	5	ND	5
<input checked="" type="checkbox"/> Total Xylenes	ND	5	ND	5	134	5	ND	5	ND	5
<input checked="" type="checkbox"/> MTBE	ND	5	ND	5	30	5	13	5	10	5
VOLATILES										
Sample ID	PH-10		PH-10		PH-11		PH-12		MW-3	
Sample Depth (feet BGS)	2-4		10-12		2-4		2-4		2-4	
Date Collected	10/17/96		10/17/96		10/17/96		10/17/96		12/4/96	
Date Extracted										
Date Analyzed	10/29/96		10/26/96		10/29/96		10/29/96		12/17/96	
Analytical Method No.	8020A		8020A		8020A		8020A		8020A	
Collection Method*	GP		GP		GP		GP		SS	
CONSTITUENT (ug/kg)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Benzene	ND	5	ND	5	6	5	18	5	71	6
<input checked="" type="checkbox"/> Toluene	ND	5	ND	5	7	5	ND	5	8	6
<input checked="" type="checkbox"/> Ethylbenzene	ND	5	ND	5	ND	5	ND	5	490	6
<input checked="" type="checkbox"/> Total Xylenes	ND	5	ND	5	15	5	ND	5	209	6
<input checked="" type="checkbox"/> MTBE	ND	5	7	5	5	5	21	5	90	6

3BGS = Below Ground Surface

* Collection Method Codes (*List all that apply*): Grab Sample (GS), Split Spoon (SS)m Hand Auger (HA), Geoprobe (GP), Continuous Corer (CC), Soil Gas (SG), Cone Penetrometer (CP), Hydropunch (HP)

If other (OT) specify here: _____

MDL = Method Detection Limit

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY - UNDERGROUND STORAGE TANK DIVISION
FINAL ASSESSMENT REPORT

ATTACHMENT NO. 4
LABORATORY RESULTS - SOIL
FACILITY NAME Shell Service Station
FACILITY ID NUMBER 0-009055

VOLATILES										
Sample ID	MW-3		MW-8		MW-8					
Sample Depth (feet BGS)	8-10		2-4		10-12					
Date Collected	12/4/96		12/4/96		12/4/96					
Date Extracted										
Date Analyzed	12/15/96		12/15/96		12/15/96					
Analytical Method No.	8020A		8020A		8020A					
Collection Method*	SS		SS		SS					
CONSTITUENT (ug/kg)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Benzene	5	5	5	5	ND	5				
<input checked="" type="checkbox"/> Toluene	ND	5	ND	5	ND	5				
<input checked="" type="checkbox"/> Ethylbenzene	ND	5	ND	5	ND	5				
<input checked="" type="checkbox"/> Total Xylenes	ND	5	ND	5	ND	5				
<input checked="" type="checkbox"/> MTBE	ND	5	ND	5	ND	5				
VOLATILES										
Sample ID										
Sample Depth (feet BGS)										
Date Collected										
Date Extracted										
Date Analyzed										
Analytical Method No.										
Collection Method*										
CONSTITUENT (ug/kg)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input type="checkbox"/> Benzene										
<input type="checkbox"/> Toluene										
<input type="checkbox"/> Ethylbenzene										
<input type="checkbox"/> Total Xylenes										
<input type="checkbox"/> MTBE										

4BGS = Below Ground Surface

* Collection Method Codes (List all that apply): Grab Sample (GS), Split Spoon (SS)m Hand Auger (HA), Geoprobe (GP), Continuous Corer (CC), Soil Gas (SG), Cone Penetrometer (CP), Hydropunch (HP)

If other (OT) specify here: _____

MDL = Method Detection Limit

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY - UNDERGROUND STORAGE TANK DIVISION
FINAL ASSESSMENT REPORT (CONTINUED)

ATTACHMENT NO. 4
LABORATORY RESULTS-SOIL
FACILITY NAME Shell Service Station
FACILITY ID NUMBER 0-009055

VOLATILES										
Sample ID	BS-1		BS-2		NSW		SSW		ESW	
Sample Depth (feet BGS)	8.0		8.0		4.0		4.0		4.0	
Date Collected	4/15/96		4/15/96		4/15/96		4/15/96		4/15/96	
Date Extracted										
Date Analyzed	4/22/96		4/22/96		5/3/96		5/3/96		5/3/96	
Analytical Method No.	8310		8310		8310		8310		8310	
Collection Method*	GS		GS		GS		GS		GS	
CONSTITUENT (ug/kg)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Acenaphthene	ND	230	ND	230	ND	230	ND	240	ND	240
<input checked="" type="checkbox"/> Acenaphthylene	ND	230	ND	230	ND	230	ND	240	ND	240
<input checked="" type="checkbox"/> Anthracene	ND	230	ND	230	ND	230	ND	240	ND	240
<input checked="" type="checkbox"/> Benzo(a)anthracene	ND	230	ND	230	ND	230	320	240	ND	240
<input checked="" type="checkbox"/> Benzo(a)pyrene	ND	230	ND	230	ND	230	360	240	ND	240
<input checked="" type="checkbox"/> Benzo(b)fluoranthene	ND	230	ND	230	ND	230	320	240	ND	240
<input checked="" type="checkbox"/> Benzo(g,h,i)perylene	ND	230	ND	230	ND	230	ND	240	ND	240
<input checked="" type="checkbox"/> Benzo(k)fluoranthene	ND	230	ND	230	ND	230	ND	240	ND	240
<input checked="" type="checkbox"/> Chrysene	ND	230	ND	230	ND	230	ND	240	ND	240
<input checked="" type="checkbox"/> Dibenzo(a,h)anthracene	ND	230	ND	230	ND	230	ND	240	ND	240
<input checked="" type="checkbox"/> Fluoranthene	ND	230	ND	230	ND	230	550	240	270	240
<input checked="" type="checkbox"/> Fluorene	ND	230	ND	230	ND	230	4,100	240	1,300	240
<input checked="" type="checkbox"/> Indeno(1,2,3- cd)pyrene	ND	230	ND	230	ND	230	290	240	ND	240
<input checked="" type="checkbox"/> Naphthalene	ND	230	ND	230	ND	230	ND	240	ND	240
<input checked="" type="checkbox"/> Phenanthrene	ND	230	ND	230	ND	230	ND	240	ND	240
<input checked="" type="checkbox"/> Pyrene	ND	230	ND	230	ND	230	500	240	250	240
<input checked="" type="checkbox"/> 2-Methylnaphthalene	ND	230	ND	230	ND	230	ND	240	ND	240

BGS = Below Ground Surface

* Collection Method Codes (*List all that apply*): Grab Sample (GS), Split Spoon (SS)m Hand Auger (HA), Geoprobe (GP), Continuous Corer (CC), Soil Gas (SG), Cone Penetrometer (CP), Hydropunch (HP)

If other (OT) specify here: _____

MDL = Method Detection Limit

* B = Compound present in method blank.

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY - UNDERGROUND STORAGE TANK DIVISION
 FINAL ASSESSMENT REPORT (CONTINUED)

ATTACHMENT NO. 4
 LABORATORY RESULTS-SOIL
 FACILITY NAME Shell Service Station
 FACILITY ID NUMBER 0-009055

VOLATILES										
Sample ID	WSW									
Sample Depth (feet BGS)	4.0									
Date Collected	4/15/96									
Date Extracted										
Date Analyzed	5/3/96									
Analytical Method No.	8310									
Collection Method*	GS									
CONSTITUENT (ug/kg)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Acenaphthene	ND	230								
<input checked="" type="checkbox"/> Acenaphthylene	ND	230								
<input checked="" type="checkbox"/> Anthracene	ND	230								
<input checked="" type="checkbox"/> Benzo(a)anthracene	ND	230								
<input checked="" type="checkbox"/> Benzo(a)pyrene	ND	230								
<input checked="" type="checkbox"/> Benzo(b)fluoranthene	ND	230								
<input checked="" type="checkbox"/> Benzo(g,h,i)perylene	ND	230								
<input checked="" type="checkbox"/> Benzo(k)fluoranthene	ND	230								
<input checked="" type="checkbox"/> Chrysene	ND	230								
<input checked="" type="checkbox"/> Dibenzo(a,h)anthracene	ND	230								
<input checked="" type="checkbox"/> Fluoranthene	ND	230								
<input checked="" type="checkbox"/> Fluorene	470	230								
<input checked="" type="checkbox"/> Indeno(1,2,3- cd)pyrene	ND	230								
<input checked="" type="checkbox"/> Naphthalene	ND	230								
<input checked="" type="checkbox"/> Phenanthrene	ND	230								
<input checked="" type="checkbox"/> Pyrene	ND	230								
<input checked="" type="checkbox"/> 2-Methylnaphthalene	ND	230								

BGS = Below Ground Surface

* Collection Method Codes (*List all that apply*): Grab Sample (GS), Split Spoon (SS)m Hand Auger (HA), Geoprobe (GP), Continuous Corer (CC), Soil Gas (SG), Cone Penetrometer (CP), Hydropunch (HP)

If other (OT) specify here: _____

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MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY - UNDERGROUND STORAGE TANK DIVISION
FINAL ASSESSMENT REPORT (CONTINUED)

ATTACHMENT NO. 4
LABORATORY RESULTS - SOIL
FACILITY NAME Shell Service Station
FACILITY ID NUMBER 0-009055

METALS										
Sample ID	BS-1		BS-2		NSW		SSW		ESW	
Sample Depth (feet BGS)	8.0		8.0		4.0		4.0		4.0	
Date Collected	4/15/96		4/15/96		4/15/96		4/15/96		4/15/96	
Date Extracted										
Date Analyzed	4/27/96		4/27/96		4/27/96		4/27/96		4/27/96	
Analytical Method No.	7131/7191/7421		7131/7191/7421		7131/7191/7421		7131/7191/7421		7131/7191/7421	
Collection Method*	GS		GS		GS		GS		GS	
CONSTITUENT (ug/kg)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Cadmium	140	20	90	20	80	20	190	20	210	20
<input type="checkbox"/> Chromium III										
<input checked="" type="checkbox"/> Chromium VI	17,800	450	16,400	460	50,300	2,330	50,300	2,390	47,300	2,360
<input checked="" type="checkbox"/> Total Lead	4,570	110	4,850	120	5,500	120	15,400	240	31,600	240
METALS										
Sample ID	WSW		PH-4		PH-6		PH-7			
Sample Depth (feet BGS)	4.0		2-4		2-4		2-4			
Date Collected	4/15/96		10/17/96		10-18/96		10/18/96			
Date Extracted										
Date Analyzed	4/27/96		10/29/96		10/29/96		10/29/96			
Analytical Method No.	7131/4191/7421		7191		7191		7191			
Collection Method*	GS		GP		GP		GP			
CONSTITUENT (ug/kg)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Cadmium	60	20								
<input type="checkbox"/> Chromium III										
<input checked="" type="checkbox"/> Chromium VI	39,400	2,310	15,200	470	20,900	470	44,700	2,340		
<input checked="" type="checkbox"/> Total Lead	5,110	120								

BGS = Below Ground Surface

* Collection Method Codes (*List all that apply*): Grab Sample (GS), Split Spoon (SS)m Hand Auger (HA), Geoprobe (GP), Continuous Corer (CC), Soil Gas (SG), Cone Penetrometer (CP), Hydropunch (HP)

If other (OT) specify here: _____

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MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY - UNDERGROUND STORAGE TANK DIVISION
FINAL ASSESSMENT REPORT (CONTINUED)

ATTACHMENT NO. 4
LABORATORY RESULTS - SOIL
 FACILITY NAME Shell Service Station
 FACILITY ID NUMBER 0-009055

PCBs										
Sample ID	BS-1		BS-2		NSW		SSW		ESW	
Sample Depth (feet BGS)	8.0		8.0		4.0		4.0		4.0	
Date Collected	4/15/96		4/15/96		4/15/96		4/15/96		4/15/96	
Date Extracted										
Date Analyzed	4/29/96		4/29/96		4/29/96		4/29/96		4/29/96	
Analytical Method No.	8080		8080		8080		8080		8080	
Collection Method*	GS		GS		GS		GS		GS	
CONSTITUENT (ug/kg)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Aroclor 1016	ND	220	ND	230	ND	230	ND	240	ND	240
<input checked="" type="checkbox"/> Aroclor 1221	ND	220	ND	230	ND	230	ND	240	ND	240
<input checked="" type="checkbox"/> Aroclor 1232	ND	220	ND	230	ND	230	ND	240	ND	240
<input checked="" type="checkbox"/> Aroclor 1242	ND	220	ND	230	ND	230	ND	240	ND	240
<input checked="" type="checkbox"/> Aroclor 1248	ND	220	ND	230	ND	230	ND	240	ND	240
<input checked="" type="checkbox"/> Aroclor 1254	ND	220	ND	230	ND	230	ND	240	ND	240
<input checked="" type="checkbox"/> Aroclor 1260	ND	220	ND	230	ND	230	ND	240	ND	240
PCBs										
Sample ID	WSW									
Sample Depth (feet BGS)	4.0									
Date Collected	4/15/96									
Date Extracted										
Date Analyzed	4/29/96									
Analytical Method No.	8080									
Collection Method*	GS									
CONSTITUENT (ug/kg)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Aroclor 1016	ND	230								
<input checked="" type="checkbox"/> Aroclor 1221	ND	230								
<input checked="" type="checkbox"/> Aroclor 1232	ND	230								
<input checked="" type="checkbox"/> Aroclor 1242	ND	230								
<input checked="" type="checkbox"/> Aroclor 1248	ND	230								
<input checked="" type="checkbox"/> Aroclor 1254	ND	230								
<input checked="" type="checkbox"/> Aroclor 1260	ND	230								

BGS = Below Ground Surface

* Collection Method Codes (*List all that apply*): Grab Sample (GS), Split Spoon (SS), Hand Auger (HA), Geoprobe (GP), Continuous Corer (CC), Soil Gas (SG), Cone Penetrometer (CP), Hydropunch (HP)

If other (OT) specify here: _____

MDL = Method Detection Limit

* B = Compound present in method blank.

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY - UNDERGROUND STORAGE TANK DIVISION
FINAL ASSESSMENT REPORT (CONTINUED)

ATTACHMENT NO. 4
LABORATORY RESULTS - SOIL
 FACILITY NAME Shell Service Station
 FACILITY ID NUMBER 0-009055

HALOGENATED HYDROCARBONS											
Sample ID	BS-1		BS-2		NSW		SSW		ESW		
Sample Depth (feet BGS)	8.0		8.0		4.0		4.0		4.0		
Date Collected	4/15/96		4/15/96		4/15/96		4/15/96		4/15/96		
Date Extracted											
Date Analyzed	4/27/96		4/27/96		4/28/96		4/27/96		4/27/96		
Analytical Method No.	8010		8010		8010		8010		8010		
Collection Method*	GS		GS		GS		GS		GS		
CONSTITUENT (ug/kg)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	
<input checked="" type="checkbox"/> Dichlorodifluoromethane	ND	1	ND	1	ND	1	ND	1	ND	1	
<input checked="" type="checkbox"/> Chloromethane	ND	0.80	ND	0.80	ND	0.80	ND	0.80	ND	0.80	
<input checked="" type="checkbox"/> Vinyl Chloride	ND	1.80	ND	1.80	ND	1.80	ND	1.80	ND	1.80	
<input checked="" type="checkbox"/> Bromomethane	ND	1	ND	1	ND	1	ND	1	ND	1	
<input checked="" type="checkbox"/> Chloroethane	ND	5.20	ND	5.20	ND	5.20	ND	5.20	ND	5.20	
<input checked="" type="checkbox"/> Trichlorofluoromethane	ND	1.00	ND	1.00	ND	1.00	ND	1.00	ND	1.00	
<input checked="" type="checkbox"/> 1,1-Dichloroethene	ND	1.30	ND	1.30	ND	1.30	ND	1.30	ND	1.30	
<input checked="" type="checkbox"/> Methylene Chloride	6 B	0.80	4 B	0.80	8 B	0.80	5 B	0.80	4 B	0.80	
<input checked="" type="checkbox"/> trans-1,2-Dichloroethene	ND	1.00	ND	1.00	ND	1.00	ND	1.00	ND	1.00	
<input checked="" type="checkbox"/> 1,1-Dichloroethane	ND	0.70	ND	0.70	ND	0.70	ND	0.70	ND	0.70	
<input checked="" type="checkbox"/> Chloroform	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	
<input checked="" type="checkbox"/> 1,1,1-Trichloroethane	ND	0.30	ND	0.30	ND	0.30	ND	0.30	ND	0.30	
<input checked="" type="checkbox"/> Carbon Tetrachloride	ND	1.20	ND	1.20	ND	1.20	ND	1.20	ND	1.20	
<input checked="" type="checkbox"/> 1,2-Dichloroethane	ND	0.30	ND	0.30	ND	0.30	ND	0.30	ND	0.30	
<input checked="" type="checkbox"/> Trichloroethene	ND	1.20	ND	1.20	ND	1.20	ND	1.20	ND	1.20	
<input checked="" type="checkbox"/> 1,2-Dichloropropane	ND	0.40	ND	0.40	ND	0.40	ND	0.40	ND	0.40	
<input checked="" type="checkbox"/> Bromodichloromethane	ND	1.00	ND	1.00	ND	1.00	ND	1.00	ND	1.00	
<input checked="" type="checkbox"/> cis-1,3-Dichloropropene	ND	1.00	ND	1.00	ND	1.00	ND	1.00	ND	1.00	
<input checked="" type="checkbox"/> trans-1,3-Dichloropropene	ND	3.40	ND	3.40	ND	3.40	ND	3.40	ND	3.40	
<input checked="" type="checkbox"/> 1,1,2-Trichloroethane	ND	0.20	ND	0.20	ND	0.20	ND	0.20	ND	0.20	
<input checked="" type="checkbox"/> Tetrachloroethene	ND	0.30	ND	0.30	ND	0.30	ND	0.30	1	0.30	
<input checked="" type="checkbox"/> Dibromochloromethane	ND	0.90	ND	0.90	ND	0.90	ND	0.90	ND	0.90	
<input checked="" type="checkbox"/> Chlorobenzene	ND	2.50	ND	2.50	ND	2.50	ND	2.50	ND	2.50	
<input checked="" type="checkbox"/> Bromoform	ND	2.00	ND	2.00	ND	2.00	ND	2.00	ND	2.00	
<input checked="" type="checkbox"/> 1,1,2,2-Tetrachloroethane	ND	0.30	ND	0.30	ND	0.30	ND	0.30	ND	0.30	
<input checked="" type="checkbox"/> 1,3-Dichlorobenzene	ND	3.20	ND	3.20	ND	3.20	ND	3.20	ND	3.20	
<input checked="" type="checkbox"/> 1,4-Dichlorobenzene	ND	2.40	ND	2.40	ND	2.40	ND	2.40	ND	2.40	
<input checked="" type="checkbox"/> 1,2-Dichlorobenzene	ND	1.50	ND	1.50	ND	1.50	ND	1.50	ND	1.50	

BGS = Below Ground Surface

* Collection Method Codes (*List all that apply*): Grab Sample (GS), Split Spoon (SS), Hand Auger (HA), Geoprobe (GP), Continuous Corer (CC), Soil Gas (SG), Cone Penetrometer (CP), Hydropunch (HP)

If other (OT) specify here: _____

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MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY - UNDERGROUND STORAGE TANK DIVISION
 FINAL ASSESSMENT REPORT (CONTINUED)

ATTACHMENT NO. 4
 LABORATORY RESULTS - SOIL
 FACILITY NAME Shell Service Station
 FACILITY ID NUMBER 0-009055

HALOGENATED HYDROCARBONS												
Sample ID	WSW											
Sample Depth (feet BGS)	4.0											
Date Collected	4/15/96											
Date Extracted												
Date Analyzed	4/27/96											
Analytical Method No.	8010											
Collection Method*	GS											
CONSTITUENT (ug/kg)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Dichlorodifluoromethane	ND	1										
<input checked="" type="checkbox"/> Chloromethane	ND	0.80										
<input checked="" type="checkbox"/> Vinyl Chloride	ND	1.80										
<input checked="" type="checkbox"/> Bromomethane	ND	1										
<input checked="" type="checkbox"/> Chloroethane	ND	5.20										
<input checked="" type="checkbox"/> Trichlorofluoromethane	ND	1.00										
<input checked="" type="checkbox"/> 1,1-Dichloroethene	ND	1.30										
<input checked="" type="checkbox"/> Methylene Chloride	6 B	0.80										
<input checked="" type="checkbox"/> trans-1,2-Dichloroethene	ND	1.00										
<input checked="" type="checkbox"/> 1,1-Dichloroethane	ND	0.70										
<input checked="" type="checkbox"/> Chloroform	ND	0.50										
<input checked="" type="checkbox"/> 1,1,1-Trichloroethane	ND	0.30										
<input checked="" type="checkbox"/> Carbon Tetrachloride	ND	1.20										
<input checked="" type="checkbox"/> 1,2-Dichloroethane	ND	0.30										
<input checked="" type="checkbox"/> Trichloroethene	ND	1.20										
<input checked="" type="checkbox"/> 1,2-Dichloropropane	ND	0.40										
<input checked="" type="checkbox"/> Bromodichloromethane	ND	1.00										
<input checked="" type="checkbox"/> cis-1,3-Dichloropropene	ND	1.00										
<input checked="" type="checkbox"/> trans-1,3-Dichloropropene	ND	3.40										
<input checked="" type="checkbox"/> 1,1,2-Trichloroethane	ND	0.20										
<input checked="" type="checkbox"/> Tetrachloroethene	ND	0.30										
<input checked="" type="checkbox"/> Dibromochloromethane	ND	0.90										
<input checked="" type="checkbox"/> Chlorobenzene	ND	2.50										
<input checked="" type="checkbox"/> Bromoform	ND	2.00										
<input checked="" type="checkbox"/> 1,1,2,2-Tetrachloroethane	ND	0.30										
<input checked="" type="checkbox"/> 1,3-Dichlorobenzene	ND	3.20										
<input checked="" type="checkbox"/> 1,4-Dichlorobenzene	ND	2.40										
<input checked="" type="checkbox"/> 1,2-Dichlorobenzene	ND	1.50										

BGS = Below Ground Surface

* Collection Method Codes (List all that apply): Grab Sample (GS), Split Spoon (SS), Hand Auger (HA), Geoprobe (GP), Continuous Corer (CC), Soil Gas (SG), Cone Penetrometer (CP), Hydropunch (HP)

If other (OT) specify here: _____

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MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY - UNDERGROUND STORAGE TANK DIVISION
 FINAL ASSESSMENT REPORT (CONTINUED).

ATTACHMENT NO. 5
 TIER I RBSL/TIER II OR TIER III SSTL COMPARISON TABLE FOR SOILS
 FACILITY NAME Shell Service Station
 FACILITY ID NUMBER 0-009055

Residential Commercial III Commercial IV Industrial

Exposure Codes

A. Direct Contact

B. Soil Leaching to Potable Groundwater

Contaminant	Sample ID with Maximum Detected Concentration	Corresponding Sample Date	Maximum Detected Concentration (ug/kg)	Applicable Criterion with Exposure Codes (ug/kg)		Criterion Exceeded? (Yes or No)	
				Tier I RBSL (A)	Tier II/III SSTL	Tier I RBSL	Tier II/III SSTL
VOLATILES							
<input checked="" type="checkbox"/> Benzene	S-3 (2.5)	4/18/96	28,000	88,000		NO	
<input checked="" type="checkbox"/> Toluene	PH-2 (2-4)	10/17/96	160,000	620,000 *		NO	
<input checked="" type="checkbox"/> Ethylbenzene	S-2 (2.5)	4/18/96	150,000	380,000 *		NO	
<input checked="" type="checkbox"/> Total Xylenes	S-2 (2.5)	4/18/96	510,000	400,000 *		YES	
<input checked="" type="checkbox"/> MTBE	PH-2 (2-4)	10/17/96	18,000	3,600,000		NO	
POLYNUCLEAR AROMATICS (PNAs)							
<input checked="" type="checkbox"/> Acenaphthene	ALL	4/15/96	ND (240)	76,000,000		NO	
<input checked="" type="checkbox"/> Acenaphthylene	ALL	4/15/96	ND (240)	1,500,000		NO	
<input checked="" type="checkbox"/> Anthracene	ALL	4/15/96	ND (240)	420,000,000		NO	
<input checked="" type="checkbox"/> Benzo(a)anthracene	SSW (4.0)	4/15/96	320	14,000		NO	
<input checked="" type="checkbox"/> Benzo(a)pyrene	SSW (4.0)	4/15/96	360	1,400		NO	
<input checked="" type="checkbox"/> Benzo(b)fluoranthene	SSW (4.0)	4/15/96	320	14,000		NO	
<input checked="" type="checkbox"/> Benzo(g,h,i)perylene	ALL	4/15/96	ND (240)	1,500,000		NO	
<input checked="" type="checkbox"/> Benzo(k)fluoranthene	ALL	4/15/96	ND (240)	140,000		NO	
<input checked="" type="checkbox"/> Chrysene	ALL	4/15/96	ND (240)	1,400,000		NO	
<input checked="" type="checkbox"/> Dibenzo(a,h)anthracene	ALL	4/15/96	ND (240)	1,400		NO	
<input checked="" type="checkbox"/> Fluoranthene	SSW (4.0)	4/15/96	550	51,000,000		NO	
<input checked="" type="checkbox"/> Fluorene	SSW (4.0)	4/15/96	4,100	25,000,000		NO	
<input checked="" type="checkbox"/> Indeno(1,2,3- cd)pyrene	SSW (4.0)	4/15/96	290	14,000		NO	
<input checked="" type="checkbox"/> Naphthalene	ALL	4/15/96	ND (240)	15,000,000		NO	
<input checked="" type="checkbox"/> Phenanthrene	ALL	4/15/96	ND (240)	1,500,000		NO	
<input checked="" type="checkbox"/> Pyrene	SSW (4.0)	4/15/96	500	32,000,000		NO	
<input checked="" type="checkbox"/> 2-Methylnaphthalene	ALL	4/15/96	ND (240)	15,000,000		NO	

* No Direct Contact Criteria is available; Soil Saturation Criteria from Operational Memorandum #4 were utilized.

ATTACHMENT NO. 5
TIER I RBSL/TIER II OR TIER III SSTL COMPARISON TABLE FOR SOILS
FACILITY NAME Shell Service Station
FACILITY ID NUMBER 0-009055

Residential Commercial III Commercial IV Industrial

Exposure Codes

A. Direct Contact

B. Soil Leaching to Potable Groundwater

Contaminant	Sample ID with Maximum Detected Concentration	Corresponding Sample Date	Maximum Detected Concentration (ug/kg)	Applicable Criterion with Exposure Codes (ug/kg)		Criterion Exceeded? (Yes or No)	
				Tier I RBSL (A)	Tier II/III SSTL	Tier I RBSL	Tier II/III SSTL
METALS							
<input checked="" type="checkbox"/> Cadmium	ESW (4.0)	4/15/96	210	210,000		NO	
<input type="checkbox"/> Chromium III							
<input checked="" type="checkbox"/> Chromium VI	NSW/SSW (4.0)	4/15/96	50,300	2,000,000		NO	
<input checked="" type="checkbox"/> Total Lead	ESW (4.0)	4/15/96	31,600	400,000		NO	
PCBs							
<input checked="" type="checkbox"/> Aroclor 1016	ALL	4/15/96	ND (240)	330 *		NO	
<input checked="" type="checkbox"/> Aroclor 1221	ALL	4/15/96	ND (240)	330 *		NO	
<input checked="" type="checkbox"/> Aroclor 1232	ALL	4/15/96	ND (240)	330 *		NO	
<input checked="" type="checkbox"/> Aroclor 1242	ALL	4/15/96	ND (240)	330 *		NO	
<input checked="" type="checkbox"/> Aroclor 1248	ALL	4/15/96	ND (240)	330 *		NO	
<input checked="" type="checkbox"/> Aroclor 1254	ALL	4/15/96	ND (240)	330 *		NO	
<input checked="" type="checkbox"/> Aroclor 1260	ALL	4/15/96	ND (240)	330 *		NO	

* - The Method Detection Limit of 330 ug/kg is the default RBSL value.

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY-UNDERGROUND STORAGE TANK DIVISION
FINAL ASSESSMENT REPORT

ATTACHMENT NO. 5
TIER I RBSL/TIER II OR TIER III SSTL COMPARISON TABLE FOR SOILS
FACILITY NAME Shell Service Station
FACILITY ID NUMBER 0-009055

Residential Commercial III Commercial IV Industrial

Exposure Codes

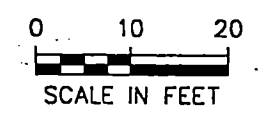
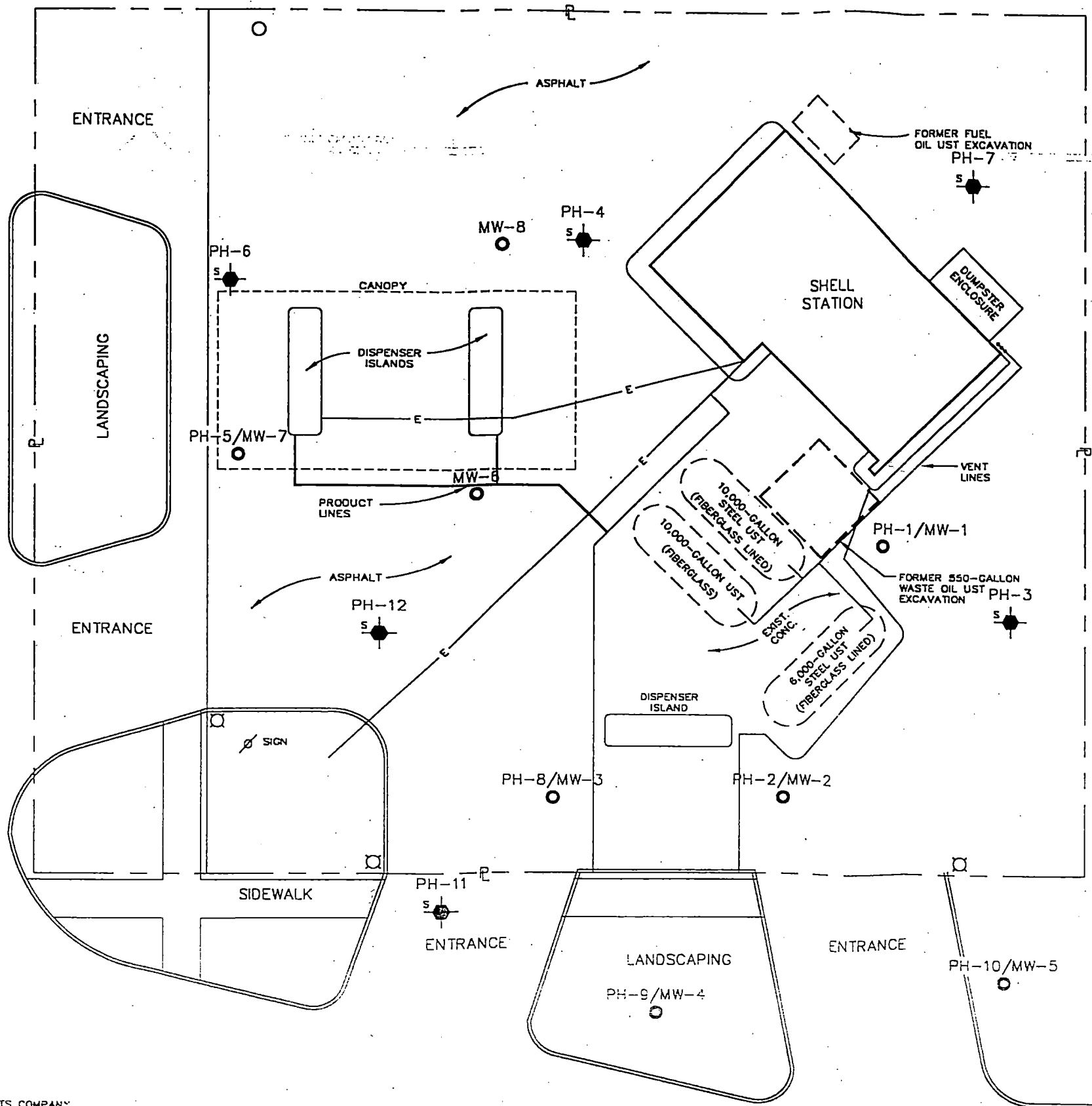
A. Direct Contact

B. Soil Leaching to Potable Groundwater

Contaminant	Sample ID with Maximum Detected Concentration	Corresponding Sample Date	Maximum Detected Concentration (ug/kg)	Applicable Criterion with Exposure Codes (ug/kg)		Criterion Exceeded? (Yes or No)	
				Tier I RBSL (A)	Tier II/III SSTL	Tier I RBSL	Tier II/III SSTL
HALOGENATED HYDROCARBONS							
CONSTITUENT (ug/kg)							
<input checked="" type="checkbox"/> Dichlorodifluoromethane	ALL	4/15/96	ND (1)	3,500,000		NO	
<input checked="" type="checkbox"/> Chloromethane	ALL	4/15/96	ND (.8)	200,000		NO	
<input checked="" type="checkbox"/> Vinyl Chloride	ALL	4/15/96	ND (1.8)	1,200		NO	
<input checked="" type="checkbox"/> Bromomethane	ALL	4/15/96	ND (1)	150,000		NO	
<input checked="" type="checkbox"/> Chloroethane	ALL	4/15/96	ND (5.20)	670,000		NO	
<input checked="" type="checkbox"/> Trichlorofluoromethane	ALL	4/15/96	ND (1)	1,500,000		NO	
<input checked="" type="checkbox"/> 1,1-Dichloroethene	ALL	4/15/96	ND (1.3)	110,000		NO	
<input checked="" type="checkbox"/> Methylene Chloride	NSW (4.0)	4/15/96	8 (B) *	340,000		NO	
<input checked="" type="checkbox"/> trans-1,2-Dichloroethene	ALL	4/15/96	ND (1.0)	1,900,000		NO	
<input checked="" type="checkbox"/> 1,1-Dichloroethane	ALL	4/15/96	ND (.7)	1,100,000		NO	
<input checked="" type="checkbox"/> Chloroform	ALL	4/15/96	ND (.5)	420,000		NO	
<input checked="" type="checkbox"/> 1,1,1-Trichloroethane	ALL	4/15/96	ND (.3)	1,100,000		NO	
<input checked="" type="checkbox"/> Carbon Tetrachloride	ALL	4/15/96	ND (1.2)	20,000		NO	
<input checked="" type="checkbox"/> 1,2-Dichloroethane	ALL	4/15/96	ND (.3)	28,000		NO	
<input checked="" type="checkbox"/> Trichloroethene	ALL	4/15/96	ND (1.2)	160,000		NO	
<input checked="" type="checkbox"/> 1,2-Dichloropropane	ALL	4/15/96	ND (0.4)	38,000		NO	
<input checked="" type="checkbox"/> Bromodichloromethane	ALL	4/15/96	ND (1.0)	41,000		NO	
<input checked="" type="checkbox"/> cis-1,3-Dichloropropene	ALL	4/15/96	ND (1.0)	14,000		NO	
<input checked="" type="checkbox"/> trans-1,3-Dichloropropene	ALL	4/15/96	ND (3.4)	14,000		NO	
<input checked="" type="checkbox"/> 1,1,2-Trichloroethane	ESW (4.0)	4/15/96	ND (0.2)	45,000		NO	
<input checked="" type="checkbox"/> Tetrachloroethene	ALL	4/15/96	1	50,000		NO	
<input checked="" type="checkbox"/> Dibromochloromethane	ALL	4/15/96	ND (0.9)	31,000		NO	
<input checked="" type="checkbox"/> Chlorobenzene	ALL	4/15/96	ND (2.5)	660,000		NO	
<input checked="" type="checkbox"/> Bromoform	ALL	4/15/96	ND(2.0)	320,000		NO	
<input checked="" type="checkbox"/> 1,1,2,2-Tetrachloroethane	ALL	4/15/96	ND (0.3)	13,000		NO	
<input checked="" type="checkbox"/> 1,3-Dichlorobenzene	ALL	4/15/96	ND(3.2)	10,000,000		NO	
<input checked="" type="checkbox"/> 1,4-Dichlorobenzene	ALL	4/15/96	ND (2.4)	110,000		NO	
<input checked="" type="checkbox"/> 1,2-Dichlorobenzene	ALL	4/15/96	ND (1.5)	590,000		NO	

* - (B) Compound present in laboratory method blank.

ROCHESTER ROAD



LEGEND

- ⊔ PROPERTY BOUNDARY
- UST UNDERGROUND STORAGE TANK
- ⊠ AREA LIGHT
- E- ELECTRICAL CONDUIT RUNS
- ⊙ PROBEHOLE (PH)
- MONITORING WELL (MW)
- FORMER POTABLE GROUNDWATER WELL

BASEMAP SOURCE:
SHELL OIL PRODUCTS COMPANY
CR-978
DATE: 3/25/73

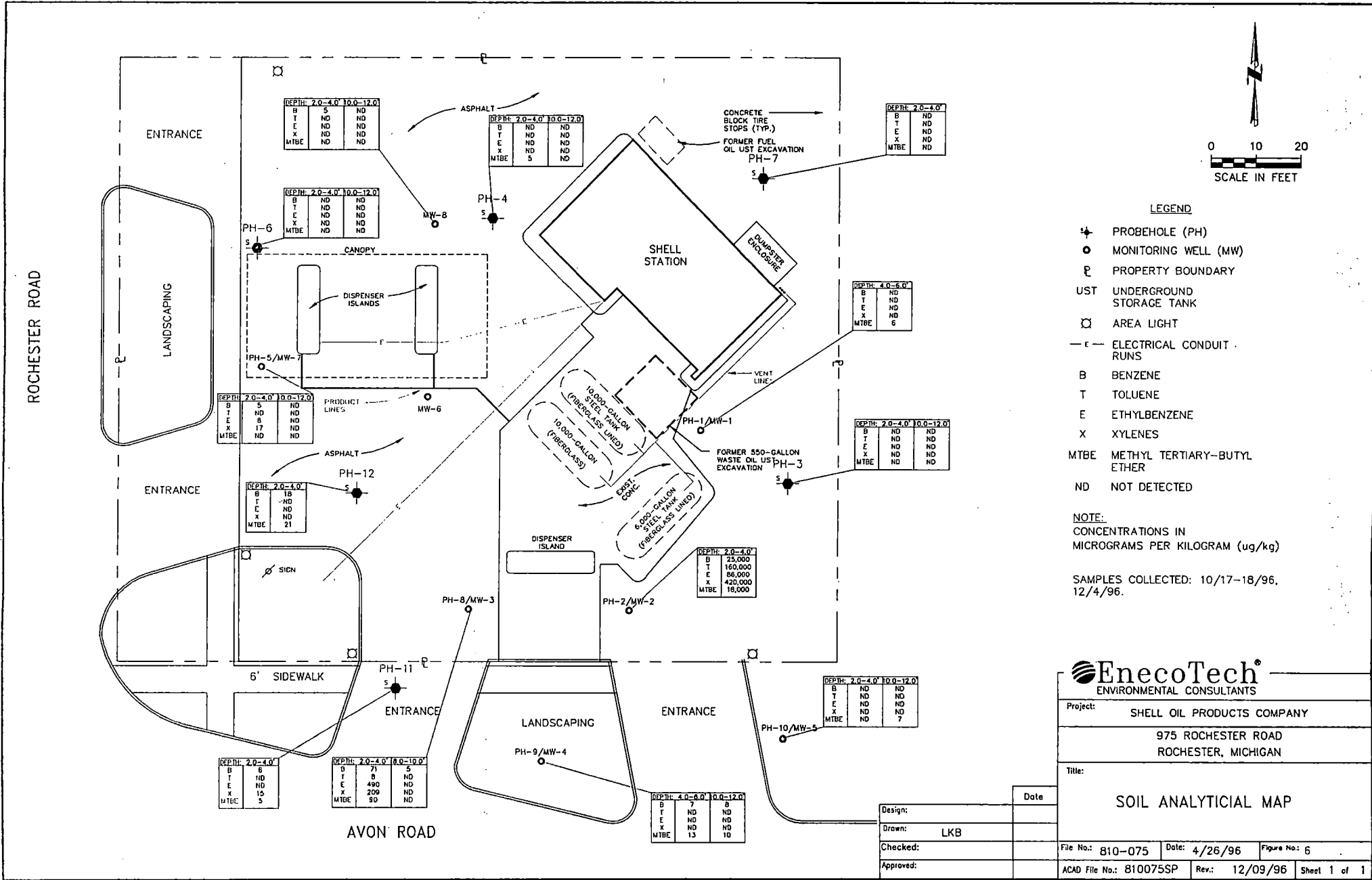
AVON ROAD

EnecoTech
ENVIRONMENTAL CONSULTANTS

Project: SHELL OIL PRODUCTS COMPANY
975 ROCHESTER ROAD
ROCHESTER, MICHIGAN

Title: **SITE MAP**

Design:	DDB	Date	4/96
Drawn:	LKB	Date	4/96
Checked:		File No.:	810-075
Approved:		Date:	4/26/96
		Figure No.:	
		ACAD File No.:	810075SP
		Rev:	02/97
		Sheet:	

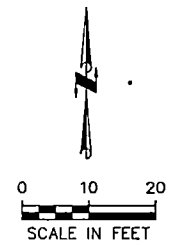
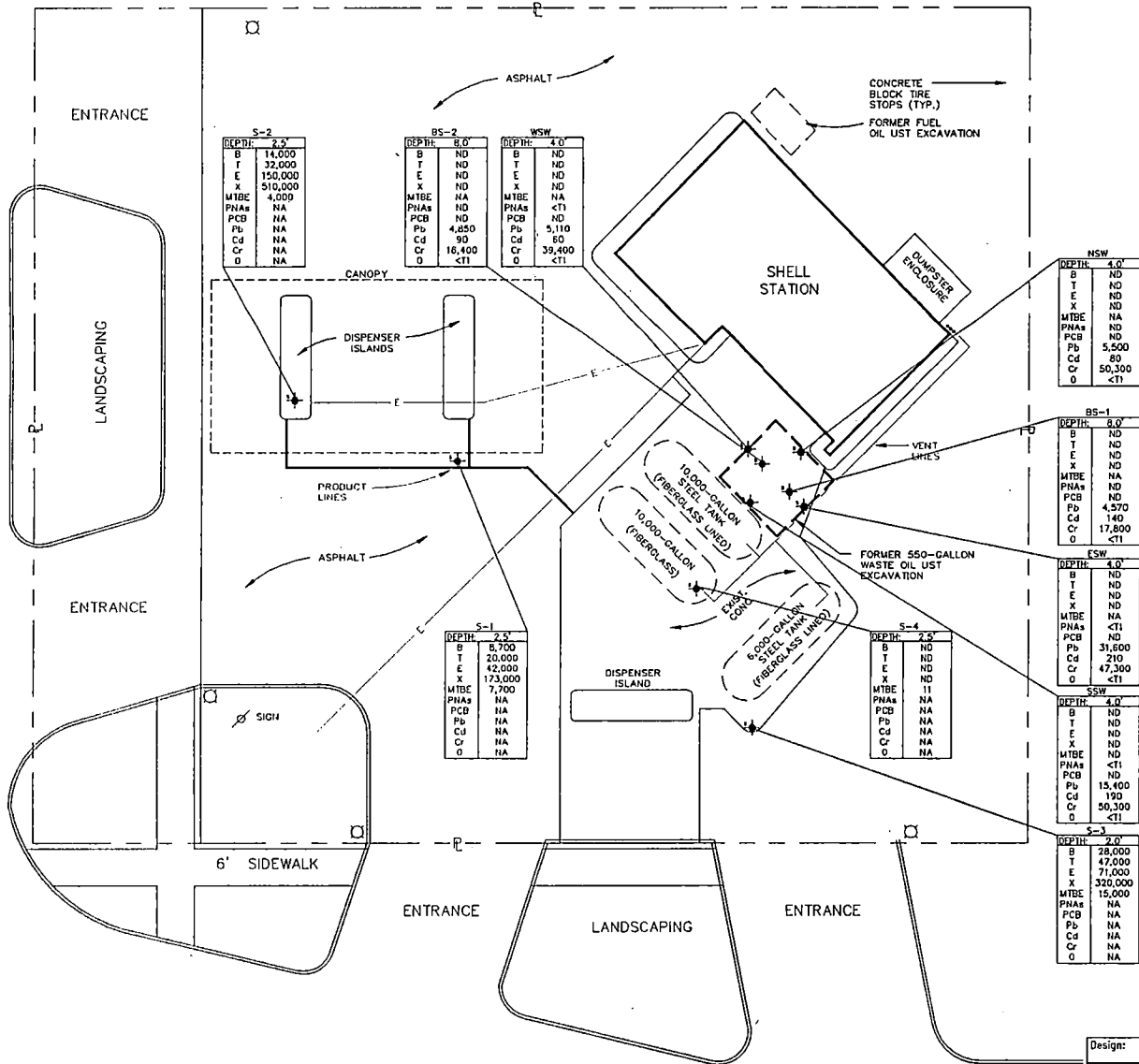


- LEGEND**
- ⊕ PROBEHOLE (PH)
 - MONITORING WELL (MW)
 - ⌞ PROPERTY BOUNDARY
 - UST UNDERGROUND STORAGE TANK
 - AREA LIGHT
 - ELECTRICAL CONDUIT RUNS
 - B BENZENE
 - T TOLUENE
 - E ETHYLBENZENE
 - X XYLENES
 - MTBE METHYL TERTIARY-BUTYL ETHER
 - ND NOT DETECTED

NOTE:
 CONCENTRATIONS IN MICROGRAMS PER KILOGRAM (ug/kg)
 SAMPLES COLLECTED: 10/17-18/96, 12/4/96.

ENVIRONMENTAL CONSULTANTS			
Project: SHELL OIL PRODUCTS COMPANY			
975 ROCHESTER ROAD ROCHESTER, MICHIGAN			
Title: SOIL ANALYTICAL MAP			
Design:		Date:	
Drawn:	LKB		
Checked:			
Approved:			
File No.:	810-075	Date:	4/26/96
Figure No.:	6	Rev.:	12/09/96
ACAD File No.:	810075SP		Sheet 1 of 1

ROCHESTER ROAD



LEGEND

- ✦ SAMPLE LOCATION
- ⊔ PROPERTY BOUNDARY
- UST UNDERGROUND STORAGE TANK
- ⊠ AREA LIGHT
- e — ELECTRICAL CONDUIT RUNS
- B BENZENE
- T TOLUENE
- E ETHYLBENZENE
- X XYLENES
- MTBE METHYL TERTIARY BUTYL ETHER
- PNA_s POLYNUCLEAR AROMATIC HYDROCARBONS
- PCB POLYCHLORINATED BIPHENYLS
- Pb LEAD
- Cd CADMIUM
- Cr CHROMIUM
- O ORGANIC SOLVENTS
- ND NOT DETECTED
- NA NOT ANALYZED
- <T1 BELOW TIER 1 RESIDENTIAL CRITERIA

NOTE:
CONCENTRATIONS IN
MICROGRAMS PER KILOGRAM (ug/kg)

AVON ROAD

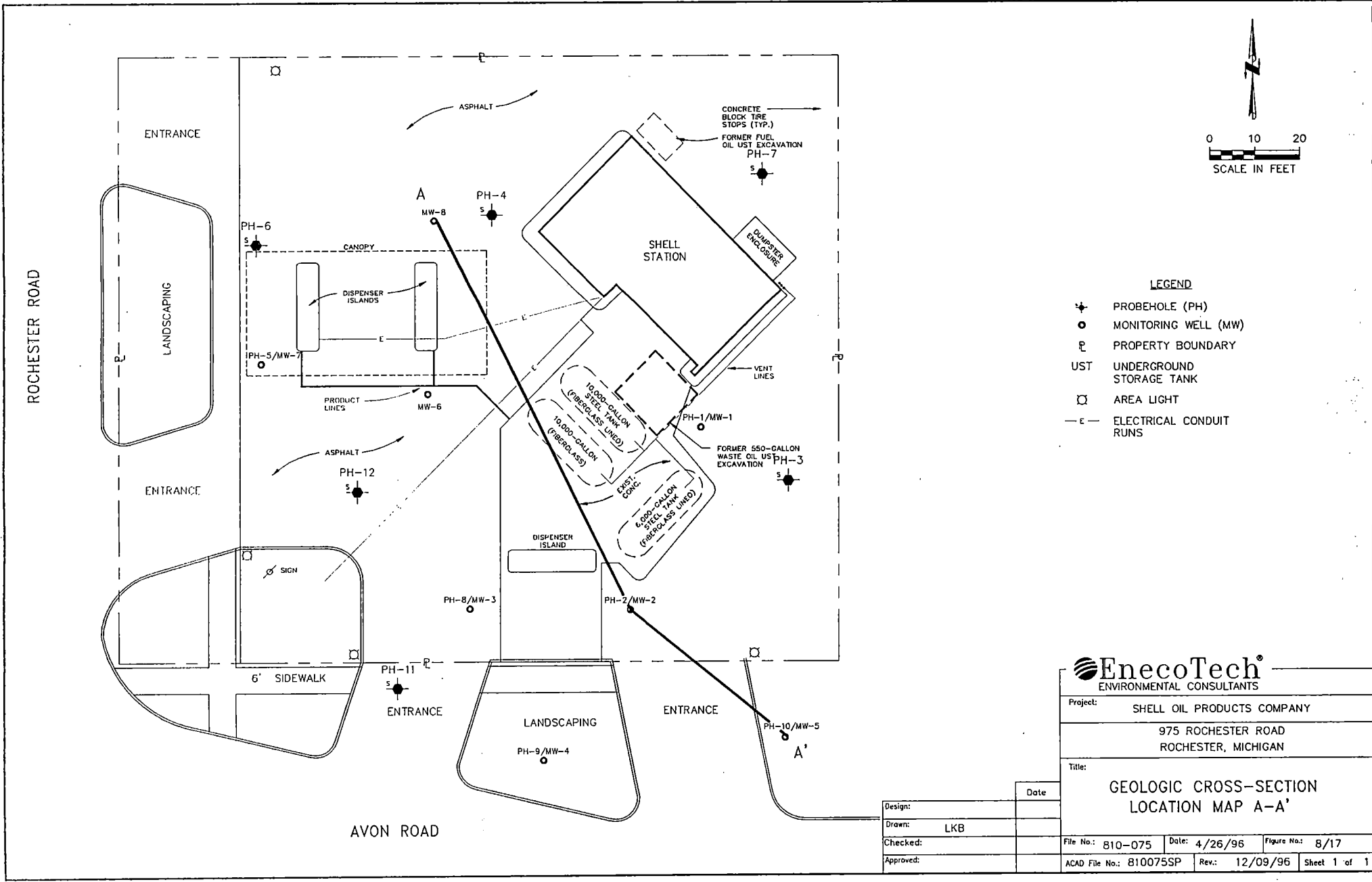
EnecoTech
ENVIRONMENTAL CONSULTANTS

Project: SHELL OIL PRODUCTS COMPANY

975 ROCHESTER ROAD
ROCHESTER, MICHIGAN

Title: SOIL ANALYTICAL MAP
(UST REMOVAL/LINE UPGRADE)

Design:	Date:
Drawn: LKB	
Checked:	File No.: 810-075
Approved:	Date: 4/26/96
	Figure No.: 6/7
ACAD File No.: 810075SP	Rev.: 12/09/96
	Sheet 1 of 1



 ENVIRONMENTAL CONSULTANTS		Project: SHELL OIL PRODUCTS COMPANY	
		975 ROCHESTER ROAD ROCHESTER, MICHIGAN	
Title: GEOLOGIC CROSS-SECTION LOCATION MAP A-A'		File No.: 810-075	Date: 4/26/96
		Figure No.: 8/17	Rev.: 12/09/96
Design:	Date:	ACAD File No.: 810075SP	Sheet 1 of 1
Drawn: LKB			
Checked:			
Approved:			



LEAKING UNDERGROUND STORAGE TANK SUPPLEMENTAL REPORT COVER SHEET

Authorized by the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451), Part 213.

INSTRUCTIONS: Complete this form with all applicable information. Attach this form to all supplemental LUST submittals; this includes all reports other than the Initial Assessment, Final Assessment, and Closure Reports. The Certified Underground Storage Tank Professional (CP) **MUST** sign below.

IDENTIFY TYPE OF SUPPLEMENTAL REPORT:

FACILITY NAME: Shell Service Station		FACILITY ID NUMBER: 0-009055	
STREET ADDRESS: 975 Rochester Road		MERA SITE ID NUMBER:	
CITY: Rochester	STATE: MI	ZIP CODE: 48037	COUNTY: Oakland
DATE(S) RELEASE(S) DISCOVERED: 4/08/96 (Waste Oil)		CONFIRMED RELEASE NUMBER(S):	
4/24/96 (Gasoline)		C-214-96 (Waste Oil) C-252-96 (Gasoline)	
O/O NAME: Shell Oil Products Company		MUSTFA CLAIM NUMBER: NA	
O/O STREET ADDRESS: 17370 Laurel Park Drive N., Suite 200, Livonia		STATE: MI ZIP CODE: 48152	
CONTACT PERSON: Ms. Angela Porter		PHONE NUMBER: (313) 953-4300	

ANSWER ALL QUESTIONS

1. Type(s) of product released: Waste Oil (4/08/96); Gasoline (4/24/96)

2. Free product present: a. Currently? ___ YES X NO If YES, total gallons recovered since last report:
 b. Previously? ___ YES X NO If YES, total gallons recovered to date:

3. Have vapors been identified in any confined spaces (basement, sewers)? ___ YES X NO

4. Estimated depth to groundwater: ~ 3.0 feet Estimated groundwater flow direction: south

5. Estimated distance and direction from point of release to nearest:
 a. Private well: 150 feet south b. Municipal well: <0.5 mile c. Surface water/wetland: >0.5 mile

6. Since last report: a. cubic yards of soil remediated: 0 b. gallons of groundwater remediated: 0

7. Totals to date: a. cubic yards of soil remediated: 40 b. gallons of groundwater remediated: 0

8. Michigan RBCA Site Classification (1-4): 4

CERTIFICATION OF REPORT COMPLETION

I, the undersigned CP, hereby attest to the best of my knowledge and belief that the statements in this document and all attachments are true, accurate, and complete. I certify that it was submitted to the USTD on July 28, 1997

(date submitted-Required)

Andrew J. Foery 7-28-97
 CP Original Signature - Required Date

Darryl D. Barricklow
 PRINT QC Project Manager's Name

EnecoTech Midwest, Inc.
 NAME OF CONSULTING FIRM

JUL 31 1997
 UNDERGROUND STORAGE TANK DIV
 (248) 489-0809 (248) 489-4184
 PHONE NO. FAX NO.

Andrew J. Foery, P.G.
 PRINT CP's Name

39255 Country Club Drive, Suite B-40, Farmington Hills, Michigan 48331
 ADDRESS

Please return this completed report cover sheet and associated attachments to the appropriate USTD District Office listed on the back of this page.

UNDERGROUND STORAGE TANK DIVISION OFFICES AND LOCATIONS

Determine in which county the UST release occurred. Return all completed forms and associated reports to the USTD office listed next to that county in the following table. Addresses for the USTD offices are listed below.

COUNTY	USTD OFFICE	COUNTY	USTD OFFICE	COUNTY	USTD OFFICE	COUNTY	USTD OFFICE
Alcona	Grayling	Dickinson	Marquette	Lake	Grayling	Oceana	Grand Rapids
Alger	Marquette	Eaton	Shiawassee	Lapeer	Shiawassee	Ogemaw	Grayling
Allegan	Plainwell	Emmet	Grayling	Leelanau	Grayling	Ontonagon	Marquette
Alpena	Grayling	Genesee	Shiawassee	Lenawee	Jackson	Osceola	Grayling
Antrim	Grayling	Gladwin	Grayling	Livingston	Shiawassee	Oscoda	Grayling
Arenac	Grayling	Gogebic	Marquette	Luce	Marquette	Otsego	Grayling
Baraga	Marquette	Grand Traverse	Grayling	Mackinac	Marquette	Ottawa	Grand Rapids
Barry	Plainwell	Gratiot	Shiawassee	Macomb	SE Michigan	Presque Isle	Grayling
Bay	Saginaw-Bay	Hillsdale	Jackson	Manistee	Grayling	Roscommon	Grayling
Benzie	Grayling	Houghton	Marquette	Marquette	Marquette	Saginaw	Saginaw-Bay
Berrien	Plainwell	Huron	Saginaw-Bay	Mason	Grayling	Sanilac	Saginaw-Bay
Branch	Jackson	Ingham	Shiawassee	Mecosta	Grand Rapids	Schoolcraft	Marquette
Calhoun	Jackson	Ionia	Grand Rapids	Menominee	Marquette	Shiawassee	Shiawassee
Cass	Plainwell	Iosco	Grayling	Midland	Saginaw-Bay	St Clair	SE Michigan
Charlevoix	Grayling	Iron	Marquette	Missaukee	Grayling	St Joseph	Plainwell
Cheboygan	Grayling	Isabella	Saginaw-Bay	Monroe	SE Michigan	Tuscola	Saginaw-Bay
Chippewa	Marquette	Jackson	Jackson	Montcalm	Grand Rapids	Van Buren	Plainwell
Clare	Grayling	Kalamazoo	Plainwell	Montmorency	Grayling	Washtenaw	Jackson
Clinton	Shiawassee	Kalkaska	Grayling	Muskegon	Grand Rapids	Wayne	SE Michigan
Crawford	Grayling	Kent	Grand Rapids	Newaygo	Grand Rapids	Wexford	Grayling
Delta	Marquette	Keweenaw	Marquette	Oakland	SE Michigan		

<u>CADILLAC OFFICE</u> ROUTE #1 8015 MACKINAW TRAIL CADILLAC MI 49601 616-775-9727 (PHONE) 616-775-9671 (FAX)	<u>JACKSON OFFICE</u> 301 E LOUIS GLICK HIGHWAY JACKSON MI 49201 517-780-7900 (PHONE) 517-780-7855 (FAX)	<u>SAGINAW BAY OFFICE</u> 503 N EUCLID AVE SUITE 9 BAY CITY MI 48706 517-684-9141 (PHONE) 517-684-9799 (FAX)
<u>GAYLORD OFFICE</u> P0 BOX 667 GAYLORD MI 49735 517-732-3541 (PHONE) 517-732-0794 (FAX)	<u>MARQUETTE OFFICE</u> 1990 US 41 SOUTH MARQUETTE MI 49855 906-228-6561 (PHONE) 906-228-5245 (FAX)	<u>SHIAWASSEE OFFICE</u> 10650 BENNETT DR MORRICE MI 48857-9792 517-625-4600 (PHONE) 517-625-5000 (FAX)
<u>GRAND RAPIDS OFFICE</u> 350 OTTAWA ST NW GRAND RAPIDS MI 49503 616-456-5071 (PHONE) 616-456-1239 (FAX)	<u>PLAINWELL OFFICE</u> 1342 SR-89 SUITE B PLAINWELL MI 49080-1915 616-692-2120 (PHONE) 616-692-3050 (FAX)	<u>SE MICHIGAN OFFICE</u> 38980 SEVEN MILE RD LIVONIA MI 48152 313-953-0241 (PHONE) 313-432-1295 (FAX)
<u>GRAYLING OFFICE</u> 1955 NORTH I-75 BL GRAYLING MI 49738 517-348-6371 (PHONE) 517-348-8825 (FAX)		

EnecoTech Midwest Inc.
39255 Country Club Drive • Suite B40
Farmington Hills, Michigan 48331
(810) 489-0809 • Fax (810) 489-4184



July 28, 1997

Mr. Paul Owens
Michigan Department of Environmental Quality
Underground Storage Tank Division
38980 Seven Mile Road
Livonia, Michigan 48152

0400810075

CERTIFIED MAIL: July 28, 1997 (P 432 168 296)

SUBJECT: Shell Service Station
975 Rochester Road
Rochester, Michigan
WIC#: 221-8070-0704

Dear Mr. Owens:

As proposed in the Final Assessment Report dated April 8, 1997, EnecoTech Midwest, Inc. (EnecoTech), on behalf of Shell Oil Products Company (Shell) has prepared the following Monitoring Summary Report for the Michigan Department of Environmental Quality (MDEQ), Underground Storage Tank Division (USTD) for the groundwater monitoring event conducted at the subject site on June 4, 1997.

Scope-of-Work

Activities conducted during the monitoring event included:

- Gauging of groundwater in select monitoring wells for evaluation of groundwater flow direction;
- Purging of select monitoring wells for the collection of groundwater samples;
- Collection and submittal, under chain-of-custody documentation, of groundwater samples for laboratory analysis of benzene, toluene, ethylbenzene, and xylenes (BTEX), and methyl tertiary-butyl ether (MTBE) using modified USEPA Method 8020A; and
- Screening of utility corridors adjacent to the site by utilizing a photoionization detector to monitor potential organic vapors in utility manways and catch basins.

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Mr. Paul Owens
Michigan Department of Environmental Quality
July 28, 1997
Page 2

Summary

Results of the groundwater gauging activity and subsequent evaluation indicate that the groundwater flow at the subject site is generally toward the southeast. A Groundwater Elevation Map is presented in Attachment A, with the Historical Groundwater Elevation Data in presented in Table 1.

Analytical results, depicted on Attachment B, Groundwater Analytical Map, indicate that petroleum hydrocarbon impacts to groundwater are below the Risk Based Corrective Action, Tier I, Groundwater Direct Contact Criteria in all monitoring wells. Laboratory analytical results for groundwater samples collected from monitoring wells MW-2, 3, 6, and 7 indicate a decline in BTEX/MTBE concentrations. Laboratory analytical results for monitoring wells MW-4 and 5 indicate slight increases in BTEX/MTBE concentrations from the December 1996 monitoring event. The general decline in BTEX/MTBE concentrations appears to demonstrate that natural attenuation is occurring at the site.

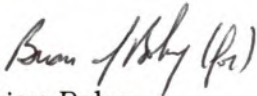
Results of the organic vapor screening activities, presented in Attachment C, Organic Vapor Screening Results, indicate that potential organic vapors from petroleum hydrocarbon impacts are not measureable in the adjacent utility corridors.

The next scheduled monitoring activity, as specified in the FAR dated April 8, 1997, will be conducted during September 1997. The next scheduled monitoring summary report will be submitted in October 1997.

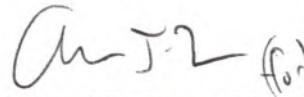
Should you have any questions, please call our office at (248) 489-0809.

Sincerely,

ENECOTECH MIDWEST, INC.



Brian Palys
Senior Staff Geologist

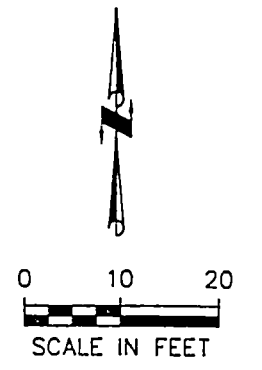
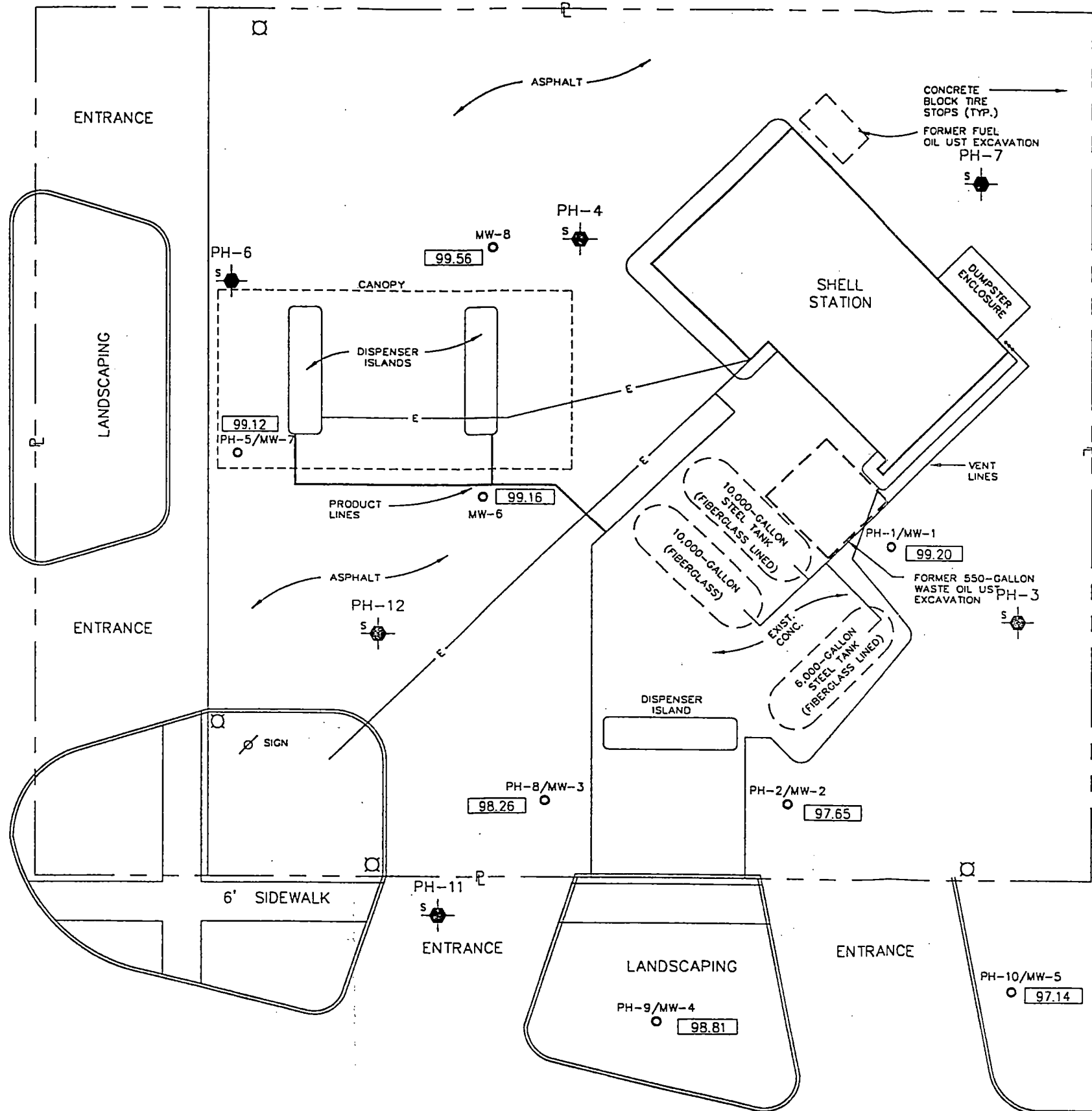


Darryl D. Barricklow
Project Scientist



ATTACHMENT A
Groundwater Elevation Map
and
Groundwater Elevation Data

ROCHESTER ROAD



- LEGEND**
- ⊕ PROBEHOLE (PH)
 - MONITORING WELL (MW)
 - ⊔ PROPERTY BOUNDARY
 - UST UNDERGROUND STORAGE TANK
 - AREA LIGHT
 - E - ELECTRICAL CONDUIT RUNS
 - XX.XX GROUNDWATER ELEVATION 6/4/97
- *NOTE: GROUNDWATER FLOW DIRECTION BASED UPON GROUNDWATER ELEVATION DATA IN ON-SITE MONITORING WELLS.



EnecoTech ENVIRONMENTAL CONSULTANTS			
Project: SHELL OIL PRODUCTS COMPANY			
975 ROCHESTER ROAD ROCHESTER, MICHIGAN			
Title: GROUNDWATER ELEVATION MAP			
Design:		Date:	
Drawn:	MRP		
Checked:		File No.: 810-075	Date: 4/26/96
Approved:		ACAD File No.: 810075SP	Rev.: 4/1/97
		Figure No.:	Sheet 1 of 1

TABLE 1
GROUNDWATER ELEVATION DATA

SHELL SERVICE STATION
975 ROCHESTER ROAD
ROCHESTER, MICHIGAN
PROJECT NO. 0400810075

Units = feet

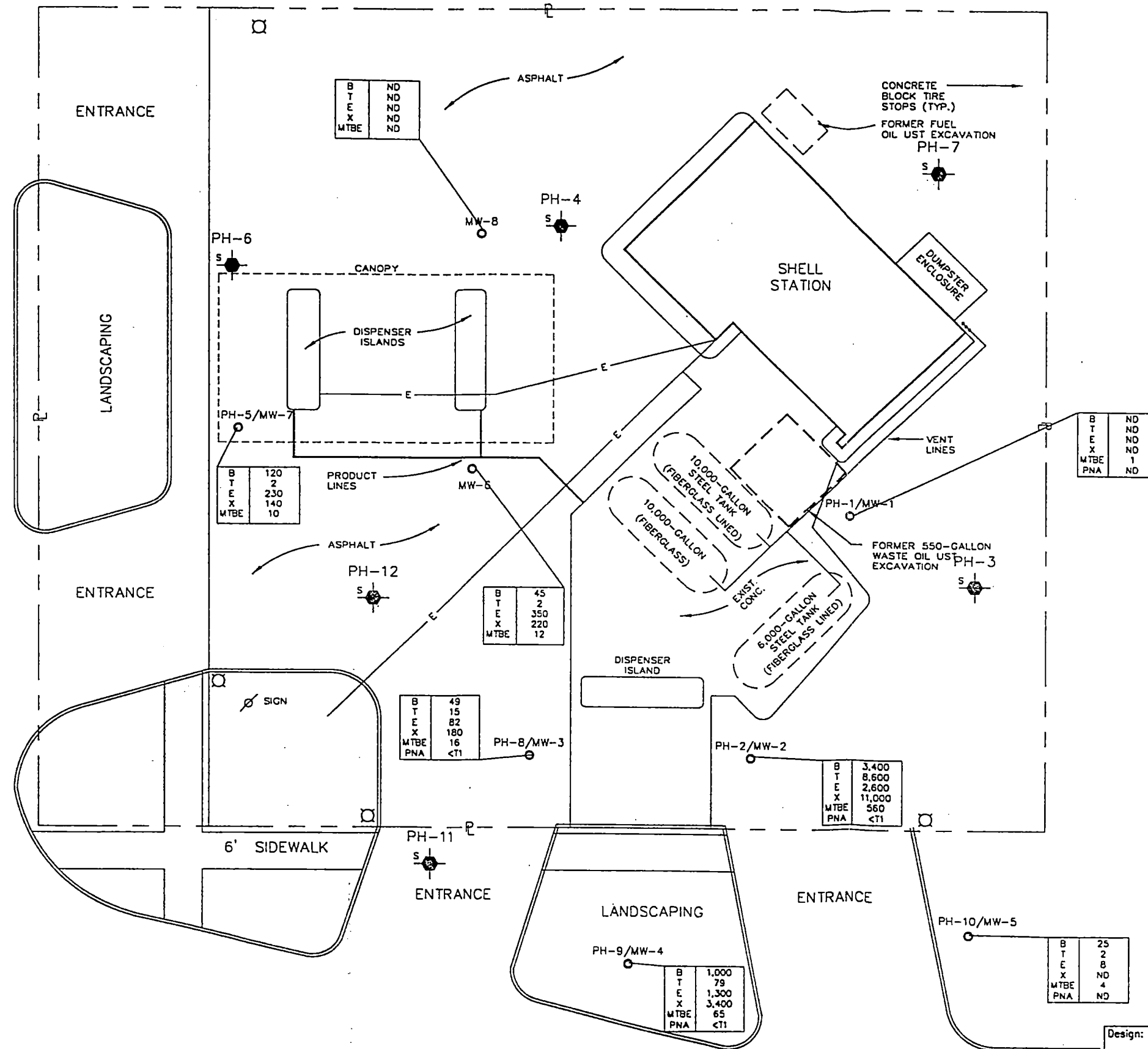
LOCATION	TOC ELEVATION	GAUGING DATE			
		12/9/96		6/4/97	
		DTW	ELEV.	DTW	ELEV.
MW-1	101.40	2.98	98.42	2.20	99.20
MW-2	100.14	2.67	97.47	2.49	97.65
MW-3	100.02	2.48	97.54	1.76	98.26
MW-4	100.44	3.47	96.97	1.63	98.81
MW-5	98.70	2.16	96.54	1.56	97.14
MW-6	101.56	3.18	98.38	2.40	99.16
MW-7	102.00	3.63	98.37	2.88	99.12
MW-8	102.16	2.87	99.29	2.60	99.56

MW = Monitoring Well
DTW = Depth To Water
TOC = Top Of Casing

ATTACHMENT B
Groundwater Analytical Map
and
Historical Groundwater Data



ROCHESTER ROAD



B	ND
T	ND
E	ND
X	ND
MTBE	ND

B	120
T	2
E	230
X	140
MTBE	10

B	45
T	2
E	350
X	220
MTBE	12

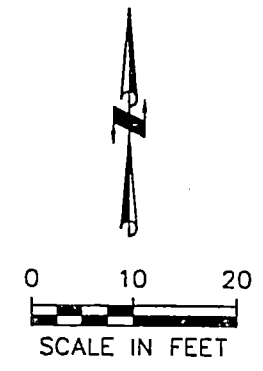
B	49
T	15
E	82
X	180
MTBE	16
PNA	<T1

B	3,400
T	8,600
E	2,600
X	11,000
MTBE	560
PNA	<T1

B	ND
T	ND
E	ND
X	1
MTBE	ND
PNA	ND

B	25
T	2
E	8
X	ND
MTBE	4
PNA	ND

B	1,000
T	79
E	1,300
X	3,400
MTBE	65
PNA	<T1



- LEGEND**
- ⊕ PROBEHOLE (PH)
 - MONITORING WELL (MW)
 - ⊔ PROPERTY BOUNDARY
 - UST UNDERGROUND STORAGE TANK
 - ⊠ AREA LIGHT
 - E- ELECTRICAL CONDUIT RUNS
 - B BENZENE
 - T TOLUENE
 - E ETHYLBENZENE
 - X XYLENES
 - MTBE METHYL TERTIARY-BUTYL ETHER
 - PNA POLYNUCLEAR AROMATIC HYDROCARBONS
 - <T1 LESS THAN TIER 1 (DC)
 - NS NOT SAMPLED
 - ND NOT DETECTED

NOTE:
 CONCENTRATIONS IN MICROGRAMS PER LITER (ug/L)
 SAMPLES COLLECTED 6/4/97.

EnecoTech
 ENVIRONMENTAL CONSULTANTS

Project: SHELL OIL PRODUCTS COMPANY
 975 ROCHESTER ROAD
 ROCHESTER, MICHIGAN

Title: **GROUNDWATER ANALYTICAL MAP**

Design:	Date:
Drawn: LKB	
Checked:	
Approved:	

File No.: 810-075	Date: 4/26/96	Figure No.:
ACAD File No.: 810075SP	Rev.: 12/09/96	Sheet 1 of 1

HISTORICAL GROUNDWATER DATA
LABORATORY RESULTS - GROUNDWATER
 FACILITY NAME Shell Service Station
 FACILITY ID NUMBER 0-009055

GROUNDWATER SAMPLING EVENT 10/17/96

VOLATILES										
Sample ID	PH-1 (W)		PH-2 (W)		PH-3 (W)		PH-4 (W)		PH-5 (W)	
Sample Depth (feet BGS)	3-8		3-8		3-8		3-8		3-8	
Date Collected	10/17/96		10/17/96		10/18/96		10/17/96		10/18/96	
Date Extracted										
Date Analyzed	10/22/96		10/26/96		10/22/96		10/22/96		10/28/96	
Analytical Method No.	8020A		8020A		8020A		8020A		8020A	
Collection Method*	GP		GP		GP		GP		GP	
CONSTITUENT (ug/L)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Benzene	ND	1	5,700	100	ND	1	ND	1	130	1
<input checked="" type="checkbox"/> Toluene	ND	1	17,000	100	ND	1	ND	1	2	1
<input checked="" type="checkbox"/> Ethylbenzene	ND	1	3,200	100	ND	1	ND	1	140	1
<input checked="" type="checkbox"/> Total Xylenes	ND	1	16,000	100	ND	1	ND	1	69	1
<input checked="" type="checkbox"/> MTBE	ND	1	130	100	ND	1	ND	1	26	1
VOLATILES										
Sample ID	PH-6 (W)		PH-7 (W)		PH-11 (W)					
Sample Depth (feet BGS)	3-8		3-8		3-8					
Date Collected	10/18/96		10/18/96		10/17/96					
Date Extracted										
Date Analyzed	10/29/96		10/22/96		10/29/96					
Analytical Method No.	8020A		8020A		8020A					
Collection Method*	GP		GP		GP					
CONSTITUENT (ug/L)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Benzene	ND	1	ND	1	ND	1				
<input checked="" type="checkbox"/> Toluene	ND	1	ND	1	1	1				
<input checked="" type="checkbox"/> Ethylbenzene	ND	1	ND	1	ND	1				
<input checked="" type="checkbox"/> Total Xylenes	ND	1	ND	1	ND	1				
<input checked="" type="checkbox"/> MTBE	ND	1	ND	1	10	1				

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BGS = Below Ground Surface

* Collection Method Codes (*List all that apply*): Grab Sample (GS), Split Spoon (SS), Hand Auger (HA), Geoprobe (GP), Continuous Corer (CC), Soil Gas (SG), Cone Penetrometer (CP), Hydropunch (HP)
 If Other (OT), specify here: _____

MDL = Method Detection Limit

HISTORICAL GROUNDWATER
LABORATORY RESULTS - GROUNDWATER
 FACILITY NAME Shell Service Station
 FACILITY ID NUMBER 0-009055

GROUNDWATER SAMPLING EVENT 10/17/96

METALS										
Sample ID	PH-1 (W)		PH-2 (W)		PH-3 (W)		PH-4 (W)		PH-7 (W)	
Sample Depth (feet BGS)	3-8		3-8		3-8		3-8		3-8	
Date Collected	10/17/96		10/17/96		10/18/96		10/17/96		10/18/96	
Date Extracted										
Date Analyzed	10/29-30/96		10/29-30/96		10/29-30/96		10/29-30/96		10/29-30/96	
Analytical Method No.	7131/7191/7421		7131/7191/7421		7131/7191/7421		7131/7191/7421		7131/7191/7421	
Collection Method*	GP		GP		GP		GP		GP	
CONSTITUENT (ug/l)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Cadmium	ND	0.2	ND	0.2	ND	0.2	ND	0.2	ND	0.2
<input type="checkbox"/> Chromium III										
<input checked="" type="checkbox"/> Chromium VI	ND	1	ND	1	ND	1	ND	1	ND	1
<input checked="" type="checkbox"/> Total Lead	ND	1	19	1	ND	1	ND	1	ND	1
METALS										
Sample ID										
Sample Depth (feet BGS)										
Date Collected										
Date Extracted										
Date Analyzed										
Analytical Method No.										
Collection Method*										
CONSTITUENT (ug/kg)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input type="checkbox"/> Cadmium										
<input type="checkbox"/> Chromium III										
<input type="checkbox"/> Chromium VI										
<input type="checkbox"/> Total Lead										

BGS = Below Ground Surface

* Collection Method Codes (List all that apply): Grab Sample (GS), Split Spoon (SS), Hand Auger (HA), Geoprobe (GP), Continuous Corer (CC), Soil Gas (SG), Cone Penetrometer (CP), Hydropunch (HP)
 If Other (OT), specify here: _____

MDL = Method Detection Limit

HISTORICAL GROUNDWATER DATA
LABORATORY RESULTS-GROUNDWATER
FACILITY NAME Shell Service Station
FACILITY ID NUMBER 0-009055

GROUNDWATER SAMPLING EVENT 10/17/96

POLYNUCLEAR AROMATICS										
Sample ID	PH-1 (W)		PH-2 (W)		PH-3 (W)		PH-4 (W)		PH-7 (W)	
Sample Depth (feet BGS)	3-8		3-8		3-8		3-8		3-8	
Date Collected	10/17/96		10/17/96		10/18/96		10/17/96		10/18/96	
Date Extracted										
Date Analyzed	10/29/96		10/30/96		11/1/96		10/30/96		11/4/96	
Analytical Method No.	8310		8310		8310		8310		8310	
Collection Method*	GP		GP		GP		GP		GP	
CONSTITUENT (ug/L)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Acenaphthene	ND	5	ND	500	ND	5	ND	5	ND	100
<input checked="" type="checkbox"/> Acenaphthylene	ND	5	12,000	500	ND	5	ND	5	200	100
<input checked="" type="checkbox"/> Anthracene	ND	5	ND	500	ND	5	ND	5	ND	100
<input checked="" type="checkbox"/> Benzo(a)anthracene	ND	5	ND	500	ND	5	ND	5	ND	100
<input checked="" type="checkbox"/> Benzo(a)pyrene	ND	5	ND	500	ND	5	ND	5	ND	100
<input checked="" type="checkbox"/> Benzo(b)fluoranthene	ND	5	ND	500	ND	5	ND	5	ND	100
<input checked="" type="checkbox"/> Benzo(g,h,i)perylene	ND	5	ND	500	ND	5	ND	5	ND	100
<input checked="" type="checkbox"/> Benzo(k)fluoranthene	ND	5	ND	500	ND	5	ND	5	ND	100
<input checked="" type="checkbox"/> Chrysene	ND	5	ND	500	ND	5	ND	5	ND	100
<input checked="" type="checkbox"/> Dibenzo(a,h)anthracene	ND	5	ND	500	ND	5	ND	5	ND	100
<input checked="" type="checkbox"/> Fluoranthene	ND	5	ND	500	ND	5	ND	5	ND	100
<input checked="" type="checkbox"/> Fluorene	ND	5	ND	500	ND	5	ND	5	ND	100
<input checked="" type="checkbox"/> Indeno(1,2,3- cd)pyrene	ND	5	ND	500	ND	5	ND	5	ND	100
<input checked="" type="checkbox"/> Naphthalene	ND	5	16,000	500	ND	5	ND	5	710	100
<input checked="" type="checkbox"/> Phenanthrene	ND	5	ND	500	ND	5	ND	5	ND	100
<input checked="" type="checkbox"/> Pyrene	ND	5	ND	500	ND	5	ND	5	ND	100
<input checked="" type="checkbox"/> 2-Methylnaphthalene	ND	5	27,000	500	ND	5	ND	5	420	100

BGS = Below Ground Surface

* Collection Method Codes (*List all that apply*): Grab Sample (GS), Split Spoon (SS), Hand Auger (HA), Geoprobe (GP), Continuous Corer (CC), Soil Gas (SG), Cone Penetrometer (CP), Hydropunch (HP)
If Other (OT), specify here: _____

MDL = Method Detection Limit

HISTORICAL GROUNDWATER DATA
LABORATORY RESULTS - GROUNDWATER
 FACILITY NAME Shell Service Station
 FACILITY ID NUMBER 0-009055

GROUNDWATER SAMPLING EVENT 10/17/96

HALOGENATED HYDROCARBONS										
Sample ID	PH-1 (W)		PH-2 (W)		PH-3 (W)		PH-4 (W)		PH-7 (W)	
Sample Depth (feet BGS)	3-8		3-8		3-8		3-8		3-8	
Date Collected	10/17/96		10/17/96		10/18/96		10/17/96		10/18/96	
Date Extracted										
Date Analyzed	10/26/96		10/26/96		10/26/96		10/26/96		10/27/96	
Analytical Method No.	8010		8010		8010		8010		8010	
Collection Method*	BL		BL		BL		BL		BL	
CONSTITUENT (ug/kg)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Dichlorodifluoromethane	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	0.5
<input checked="" type="checkbox"/> Chloromethane	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> Vinyl Chloride	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	0.5
<input checked="" type="checkbox"/> Bromomethane	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> Chloroethane	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> Trichlorofluoromethane	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> 1,1-Dichloroethene	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> Methylene Chloride	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> trans-1,2-Dichloroethene	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> 1,1-Dichloroethane	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> Chloroform	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> 1,1,1-Trichloroethane	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> Carbon Tetrachloride	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	0.5
<input checked="" type="checkbox"/> 1,2-Dichloroethane	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	0.5
<input checked="" type="checkbox"/> 2-chloroethylvinyl ether	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> Trichloroethene	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> 1,2-Dichloropropane	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> Bromodichloromethane	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> cis-1,3-Dichloropropene	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	0.5
<input checked="" type="checkbox"/> trans-1,3-Dichloropropene	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	0.5
<input checked="" type="checkbox"/> 1,1,2-Trichloroethane	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> Tetrachloroethene	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> Dibromochloromethane	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> Chlorobenzene	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> Bromoform	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> 1,1,2,2-Tetrachloroethane	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> 1,3-Dichlorobenzene	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> 1,4-Dichlorobenzene	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> 1,2-Dichlorobenzene	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0

BGS = Below Ground Surface

* Collection Method Codes (List all that apply): Grab Sample (GS), Split Spoon (SS), Hand Auger (HA), Geoprobe (GP), Continuous Corer (CC), Soil Gas (SG), Cone Penetrometer (CP), Hydropunch (HP)
 If Other (OT), specify here: _____

MDL = Method Detection Limit

HISTORICAL GROUNDWATER DATA
LABORATORY RESULTS - GROUNDWATER
 FACILITY NAME Shell Service Station
 FACILITY ID NUMBER 0-009055

GROUNDWATER SAMPLING EVENT 12/9/96

VOLATILES										
Sample ID	MW-1		MW-2		MW-3		MW-4		MW-5	
Sample Depth (feet BGS)	3-8		3-8		3-8		2.5-7.5		2.5-7.5	
Date Collected	12/9/96		12/9/96		12/9/96		12/9/96		12/9/96	
Date Extracted										
Date Analyzed	12/19/96		12/19/96		12/19/96		12/19/96		12/18/96	
Analytical Method No.	8020A		8020A		8020A		8020A		8020A	
Collection Method*	BL		BL		BL		BL		BL	
CONSTITUENT (ug/L)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Benzene	ND	1	4,600	50	110	5	390	5	22	1
<input checked="" type="checkbox"/> Toluene	ND	1	12,000	50	45	5	12	5	ND	1
<input checked="" type="checkbox"/> Ethylbenzene	ND	1	2,900	50	200	5	18	5	1	1
<input checked="" type="checkbox"/> Total Xylenes	ND	1	15,000	50	570	5	17	5	2	1
<input checked="" type="checkbox"/> MTBE	ND	1	230	50	8	5	18	5	8	1
VOLATILES										
Sample ID	MW-6		MW-7		MW-8					
Sample Depth (feet BGS)	3-8		3-8		3-8					
Date Collected	12/9/96		12/9/96		12/9/96					
Date Extracted										
Date Analyzed	12/19/96		12/19/96		12/18/96					
Analytical Method No.	8020A		8020A		8020A					
Collection Method*	BL		BL		BL					
CONSTITUENT (ug/L)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Benzene	68	5	170	1	ND	1				
<input checked="" type="checkbox"/> Toluene	ND	5	7	1	ND	1				
<input checked="" type="checkbox"/> Ethylbenzene	970	5	260	1	ND	1				
<input checked="" type="checkbox"/> Total Xylenes	1,300	5	230	1	ND	1				
<input checked="" type="checkbox"/> MTBE	9	5	14	1	ND	1				

BGS = Below Ground Surface

* Collection Method Codes (*List all that apply*): Grab Sample (GS), Split Spoon (SS), Hand Auger (HA), Geoprobe (GP), Continuous Corer (CC), Soil Gas (SG), Cone Penetrometer (CP), Hydropunch (HP)
 If Other (OT), specify here: _____

MDL = Method Detection Limit

HISTORICAL GROUNDWATER DATA
LABORATORY RESULTS - GROUNDWATER
 FACILITY NAME Shell Service Station
 FACILITY ID NUMBER 0-009055

GROUNDWATER SAMPLING EVENT 6/4/97

VOLATILES										
Sample ID	MW-1		MW-2		MW-3		MW-4		MW-5	
Sample Depth (feet BGS)	3-8		3-8		3-8		2.5-7.5		2.5-7.5	
Date Collected	6/4/97		6/4/97		6/4/97		6/4/97		6/4/97	
Date Extracted										
Date Analyzed	6/24/97		6/24/97		6/24/97		6/24/97		6/24/97	
Analytical Method No.	8020A		8020A		8020A		8020A		8020A	
Collection Method*	BL		BL		BL		BL		BL	
CONSTITUENT (ug/L)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Benzene	ND	1	3,400	20	49	1	100	10	25	1
<input checked="" type="checkbox"/> Toluene	ND	1	8,600	20	15	1	79	10	2	1
<input checked="" type="checkbox"/> Ethylbenzene	ND	1	2,600	20	82	1	1,300	10	8	1
<input checked="" type="checkbox"/> Total Xylenes	ND	1	11,000	20	180	1	3,400	10	ND	1
<input checked="" type="checkbox"/> MTBE	1	1	560	20	16	1	65	10	4	1
VOLATILES										
Sample ID	MW-6		MW-7		MW-8					
Sample Depth (feet BGS)	3-8		3-8		3-8					
Date Collected	6/4/97		6/4/97		6/4/97					
Date Extracted										
Date Analyzed	6/24/97		6/24/97		6/24/97					
Analytical Method No.	8020A		8021400A		8020A					
Collection Method*	BL		230BL		BL					
CONSTITUENT (ug/L)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Benzene	45	1	120	1	ND	1				
<input checked="" type="checkbox"/> Toluene	2	1	2	1	ND	1				
<input checked="" type="checkbox"/> Ethylbenzene	350	1	230	1	ND	1				
<input checked="" type="checkbox"/> Total Xylenes	220	1	140	1	ND	1				
<input checked="" type="checkbox"/> MTBE	12	1	10	1	ND	1				

BGS = Below Ground Surface

* Collection Method Codes (List all that apply): Grab Sample (GS), Split Spoon (SS), Hand Auger (HA), Geoprobe (GP), Continuous Corer (CC), Soil Gas (SG), Cone Penetrometer (CP), Hydropunch (HP)
 If Other (OT), specify here: _____

MDL = Method Detection Limit

HISTORICAL GROUNDWATER DATA
LABORATORY RESULTS-GROUNDWATER
 FACILITY NAME Shell Service Station
 FACILITY ID NUMBER 0-009055

GROUNDWATER SAMPLING EVENT 6/4/97

POLYNUCLEAR AROMATICS										
Sample ID	MW-1		MW-2		MW-3		MW-4		MW-5	
Sample Depth (feet BGS)	3-8		3-8		3-8		3-8		3-8	
Date Collected	6/4/97		6/4/97		6/4/97		6/4/97		6/4/97	
Date Extracted	6/9/97		6/9/97		6/9/97		6/9/97		6/9/97	
Date Analyzed	6/10/97		6/11/97		6/10/97		6/11/97		6/10/97	
Analytical Method No.	8310		8310		8310		8310		8310	
Collection Method*	BL		BL		BL		BL		BL	
CONSTITUENT (ug/L)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Acenaphthene	ND	5	ND	100	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Acenaphthylene	ND	5	440	100	14	5	74	5	ND	5
<input checked="" type="checkbox"/> Anthracene	ND	5	ND	100	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Benzo(a)anthracene	ND	5	ND	100	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Benzo(a)pyrene	ND	5	ND	100	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Benzo(b)fluoranthene	ND	5	ND	100	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Benzo(g,h,i)perylene	ND	5	ND	100	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Benzo(k)fluoranthene	ND	5	ND	100	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Chrysene	ND	5	ND	100	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Dibenzo(a,h)anthracene	ND	5	ND	100	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Fluoranthene	ND	5	ND	100	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Fluorene	ND	5	ND	100	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Indeno(1,2,3- cd)pyrene	ND	5	ND	100	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Naphthalene	ND	5	2,100	100	37	5	16	5	ND	5
<input checked="" type="checkbox"/> Phenanthrene	ND	5	ND	100	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Pyrene	ND	5	ND	100	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> 2-Methylnaphthalene	ND	5	890	100	17	5	94	5	ND	5

BGS = Below Ground Surface

* Collection Method Codes (*List all that apply*): Grab Sample (GS), Split Spoon (SS), Hand Auger (HA), Geoprobe (GP), Continuous Corer (CC), Soil Gas (SG), Cone Penetrometer (CP), Hydropunch (HP)
 If Other (OT), specify here: _____

MDL = Method Detection Limit

ATTACHMENT C
Organic Vapor Screening Results

**TABLE 2
ORGANIC VAPOR SCREENING RESULTS**

**SHELL SERVICE STATION
975 ROCHESTER ROAD
ROCHESTER, MICHIGAN
PROJECT NO. 0400810075**

LOCATION	DATE	PID RESULT (PPM)
SE Catch Basin - Avon Road	4/15/96	ND
	6/4/97	ND
SW Catch Basin - Rochester Road	4/15/96	ND
	6/4/97	ND
NE Catch Basin - Rochester Road	4/15/96	ND
	6/4/97	ND
Catch Basin - Property North of Site	4/15/96	ND
	6/4/97	ND

PPM = Parts per million
ND = Not Detected



**LEAKING UNDERGROUND STORAGE TANK
SUPPLEMENTAL REPORT COVER SHEET**

Authorized by the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451), Part 213.

INSTRUCTIONS: Complete this form with all applicable information. Attach this form to all supplemental LUST submittals; this includes all reports other than the Initial Assessment, Final Assessment, and Closure Reports. The Certified Underground Storage Tank Professional (CP) **MUST** sign below.

IDENTIFY TYPE OF SUPPLEMENTAL REPORT: Monitoring Summary Report

FACILITY NAME: Shell Oil Station		FACILITY ID NUMBER: 0-009055	
STREET ADDRESS: 975 Rochester Road		MERA SITE ID NUMBER:	
CITY: Rochester	STATE: Michigan	ZIP CODE: 48306	COUNTY: Oakland
DATE(S) RELEASE(S) DISCOVERED: 4/8/96 (waste oil) 4/24/96 (gasoline)		CONFIRMED RELEASE NUMBER(S): C-214-96 (waste oil) C-252-96 (gasoline)	
O/O NAME: Shell Oil Products Company		MUSTFA CLAIM NUMBER:	
O/O STREET ADDRESS: 17370 Laurel Park Drive N., Suite 200, Livonia, MI 48152		CITY: STATE: ZIP CODE:	
CONTACT PERSON: Mr. Jamie Keuper		PHONE NUMBER: (630) 572-5885	

ANSWER ALL QUESTIONS

1. Type(s) of product released: Used motor oil and gasoline

2. Free product present: a. Currently? YES NO If YES, total gallons recovered since last report:
b. Previously? YES NO If YES, total gallons recovered to date:

3. Have vapors been identified in any confined spaces (basement, sewers)? YES NO

4. Estimated depth to groundwater: Estimated groundwater flow direction:

5. Estimated distance and direction from point of release to nearest:
a. Private well: Approximately 150' b. Municipal well: > 0.5 Mile c. Surface water/wetland: > 0.5 Mile

6. Since last report: a. cubic yards of soil remediated: 0 b. gallons of groundwater remediated: 0

7. Totals to date: a. cubic yards of soil remediated: 40 b. gallons of groundwater remediated: 0

8. Michigan RBCA Site Classification (1-4): 4

CERTIFICATION OF REPORT COMPLETION

I, the undersigned CP, hereby attest to the best of my knowledge and belief that the statements in this document and all attachments are true, accurate, and complete. I certify that it was submitted to the USTD on October 8, 1997.

(date submitted-Required)

Andrew J. Foerg 10-8-97
CP Original Signature - Required Date

Darryl D. Barricklow
PRINT QC Project Manager's Name

Andrew J. Foerg, P.G.
PRINT CP's Name

EnecoTech Midwest, Inc.
NAME OF CONSULTING FIRM

39255 Country Club Drive, Suite B40, Farmington Hills, MI 48331
ADDRESS

(248) 489-0809
PHONE NO.

(248) 489-4184
FAX NO.

R:\DOCS\SHELL\810-075\SUPCOV1.DOC

Please return this completed report cover sheet and associated attachments to the appropriate USTD District Office listed on the back of this page.

EnecoTech Midwest, Inc.
39255 Country Club Drive • Suite B40
Farmington Hills, Michigan 48331
(248) 489-0809 • Fax (248) 489-4184



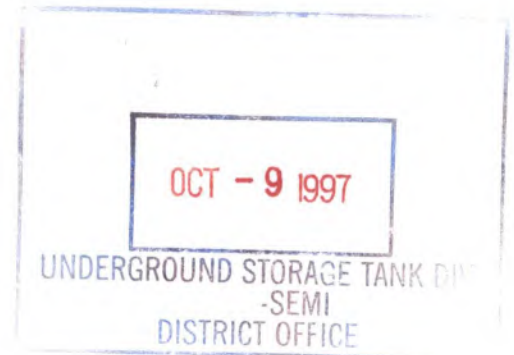
October 8, 1997

Mr. Paul Owens
Michigan Department of Environmental Quality
Underground Storage Tank Division
38980 Seven Mile Road
Livonia, Michigan 48152

0400810075

CERTIFIED MAIL: October 8, 1997 (P 432 199 250)

SUBJECT: Shell Service Station
975 Rochester Road
Rochester, Michigan
WIC#: 221-8070-0704



Dear Mr. Owens:

As proposed in the Final Assessment Report dated April 8, 1997, EnecoTech Midwest, Inc. (EnecoTech), on behalf of Shell Oil Products Company (Shell) has prepared the following Monitoring Summary Report for the Michigan Department of Environmental Quality (MDEQ), Underground Storage Tank Division (USTD) for the groundwater monitoring event conducted at the subject site on August 31, 1997.

Scope-of-Work

Activities conducted have included:

- Gauging depth of groundwater in site monitoring wells;
- Purging of select site monitoring wells, and subsequent collection of groundwater samples;
- Submittal of groundwater samples, under chain-of-custody documentation, for laboratory analysis of benzene, toluene, ethylbenzene, xylenes (BTEX), and methyl tertiary-butyl ether (MTBE) using modified USEPA Method 8020A, and polynuclear aromatic hydrocarbons (PNAs) using USEPA Method 8310;
- Screening of utility manways and catch basins adjacent to the site, utilizing a photoionization detector, for potential organic vapors in utility corridors; and
- Review of field data and laboratory results for evaluation of natural attenuation trends, and current status of remaining petroleum hydrocarbon impacts, relative to Michigan Department of Environmental Quality, Tier 1 Direct Contact, Risk Based Screening Level values.

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Summary

Results of the groundwater gauging activity conducted on August 31, 1997 are depicted in Attachment A, Groundwater Flow Map, and indicate that the groundwater flow at the subject site is generally toward the south-southeast. Historical groundwater elevation data is presented in Table 1. Historically, groundwater elevation data has indicated flow direction to be southeasterly.

Laboratory analytical results for the August 31, 1997 groundwater monitoring event are depicted in Attachment B, Groundwater Analytical Map. Results indicate that petroleum hydrocarbon impacts to groundwater are currently below the Risk Based Screening Levels (RBSLs) for Tier I Direct Contact to Groundwater Criteria for the gasoline release indicator parameters BTEX and MTBE. Laboratory analytical results for groundwater samples collected from monitoring wells MW-1, 2, 4, 5, and 7 indicate a continuing decline in BTEX/MTBE concentrations. Additionally, results indicate impact concentration declines in all monitoring well locations since the initial groundwater sample event.

Laboratory analytical results for constituents of the waste oil indicator parameter PNA continue to be uncertain, but indicate potential for concentrations to be above RBSLs for Tier I Direct Contact to Groundwater Criteria in the vicinity of monitoring well MW-2. Accurate evaluation of PNA constituent concentrations has not been achieved due to sample background interference which requires the laboratory to utilize practical quantitation limits (PQLs) in excess of the approved method detection limits (MDLs).

Results of the organic vapor screening activities, presented in Attachment C, Organic Vapor Screening Results, indicate that organic vapors are not present in the adjacent utility corridors.

Conclusion

The continued general decline in BTEX/MTBE groundwater concentrations indicates that natural attenuation is occurring at the site. Concentrations are currently below appropriate RBSL Direct Contact to Groundwater criteria. Soil impact concentrations were initially found to be below RBSL Direct Contact to Soil criteria in all source and perimeter sample locations, with the exception of xylene impacts in the shallow (2.5') soil sample designated S-2 (collected during equipment upgrade activities, directly beneath the western-most dispenser island), and in the PH-2/MW-2 (2'-4') soil sample.

Utility corridor screening activities have not detected the presence of vapors. Impact concentrations in the groundwater are currently below the RBSL for groundwater to indoor air vapor of 5,600 parts per billion (ppb) benzene which, per recent discussion with the ERD toxicologist Linda Larsen, is pending final approval. While some previously existing soil impact concentrations are above the pending 1,600 ppb benzene soil indoor air vapor

Mr. Paul Owens
Michigan Department of Environmental Quality
October 8, 1997
Page 3

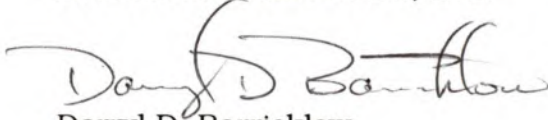
criteria, they are not believed to present a hazard at the active, paved gasoline retail facility. Further evaluation of the vapor pathway will be conducted upon final approval of the indoor air vapor criteria.

The next scheduled monitoring activity, as specified in the FAR dated April 8, 1997, will be conducted during December 1997. The next monitoring summary report will be submitted in January 1998.

Should you have any questions, please call our office at (248) 489-0809.

Sincerely,

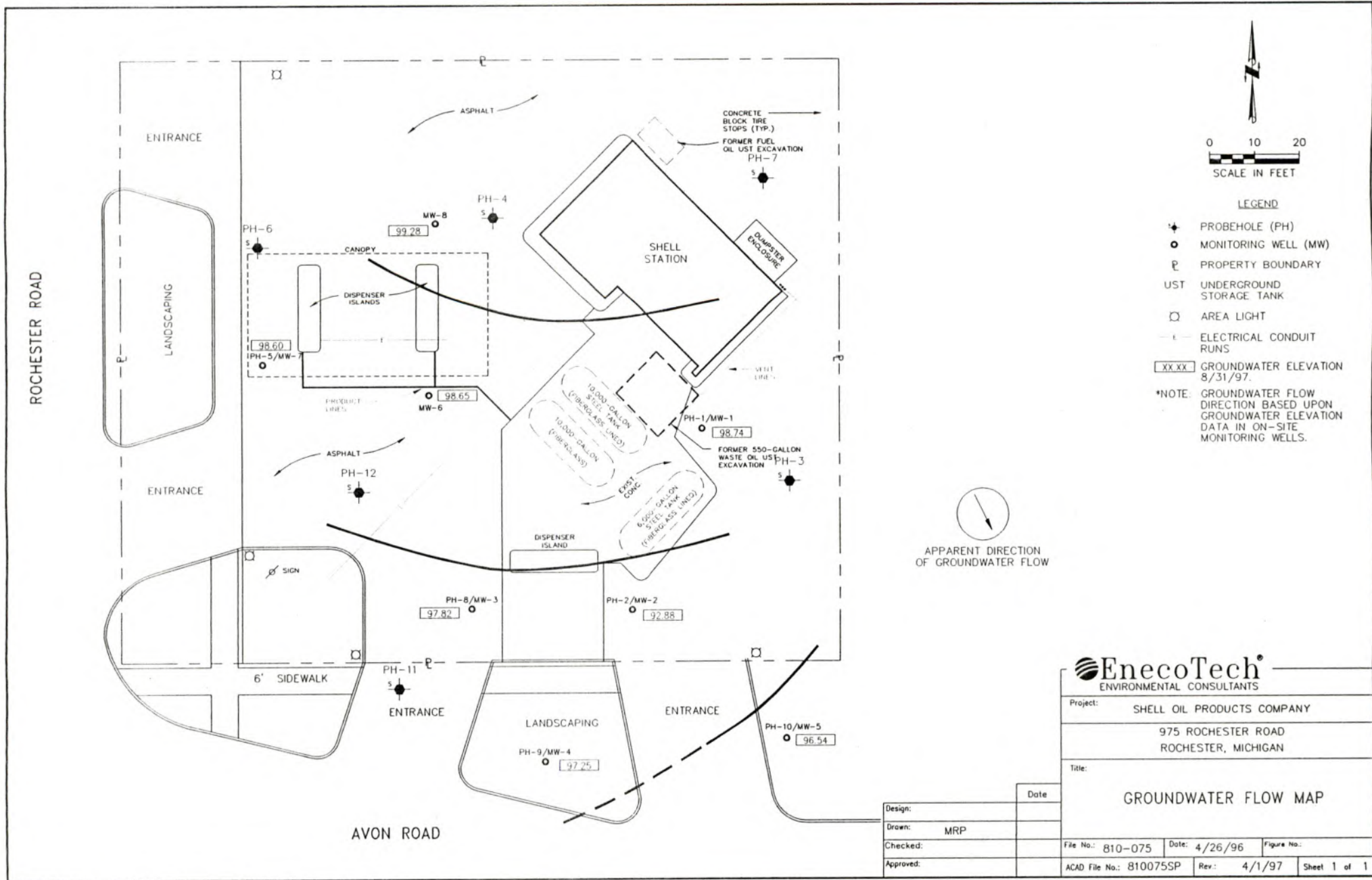
ENECOTECH MIDWEST, INC.



Darryl D. Barricklow
Project Scientist



ATTACHMENT A
Groundwater Elevation Map
and
Groundwater Elevation Data



- LEGEND**
- ◆ PROBEHOLE (PH)
 - MONITORING WELL (MW)
 - ⊔ PROPERTY BOUNDARY
 - UST UNDERGROUND STORAGE TANK
 - AREA LIGHT
 - ELECTRICAL CONDUIT RUNS
 - XX.XX GROUNDWATER ELEVATION 8/31/97.
- *NOTE: GROUNDWATER FLOW DIRECTION BASED UPON GROUNDWATER ELEVATION DATA IN ON-SITE MONITORING WELLS.



 ENVIRONMENTAL CONSULTANTS			
Project: SHELL OIL PRODUCTS COMPANY			
975 ROCHESTER ROAD ROCHESTER, MICHIGAN			
Title: GROUNDWATER FLOW MAP			
Design:		Date:	
Drawn:	MRP		
Checked:		File No.:	810-075
Approved:		Date:	4/26/96
		Figure No.:	
		ACAD File No.:	810075SP
		Rev.:	4/1/97
		Sheet	1 of 1

TABLE 1
GROUNDWATER ELEVATION DATA

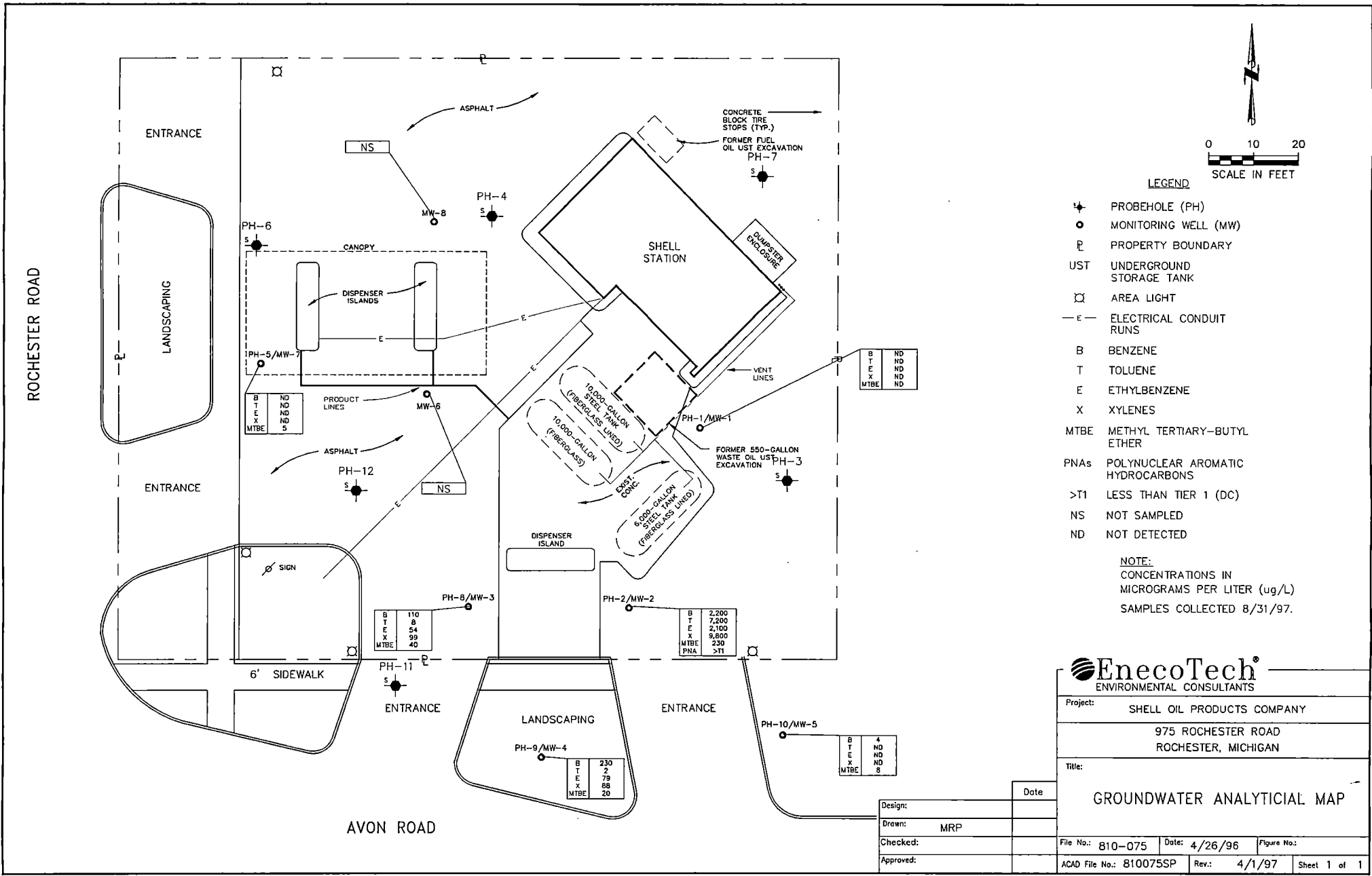
SHELL SERVICE STATION
975 ROCHESTER ROAD
ROCHESTER, MICHIGAN

Units = feet

LOCATION	TOC ELEVATION	GAUGING DATE					
		12/9/96		6/4/97		8/31/97	
		DTW	ELEV.	DTW	ELEV.	DTW	ELEV.
MW-1	101.40	2.98	98.42	2.20	99.20	2.66	98.74
MW-2	100.14	2.67	97.47	2.49	97.65	2.26	97.88
MW-3	100.02	2.48	97.54	1.76	98.26	2.20	97.82
MW-4	100.44	3.47	96.97	1.63	98.81	3.19	97.25
MW-5	98.70	2.16	96.54	1.56	97.14	2.16	96.54
MW-6	101.56	3.18	98.38	2.40	99.16	2.91	98.65
MW-7	102.00	3.63	98.37	2.88	99.12	3.40	98.6
MW-8	102.16	2.87	99.29	2.60	99.56	2.88	99.28

MW = Monitoring Well
DTW = Depth To Water
TOC = Top Of Casing

ATTACHMENT B
Groundwater Analytical Map
and
Historical Groundwater Data



EnecoTech
ENVIRONMENTAL CONSULTANTS

Project: SHELL OIL PRODUCTS COMPANY

975 ROCHESTER ROAD
ROCHESTER, MICHIGAN

Title: GROUNDWATER ANALYTICAL MAP

Design:	Date:
Drawn: MRP	
Checked:	File No.: 810-075 Date: 4/26/96 Figure No.:
Approved:	ACAD File No.: 810075SP Rev.: 4/1/97 Sheet 1 of 1

LABORATORY RESULTS - GROUNDWATER
 FACILITY NAME Shell Service Station
 FACILITY ID NUMBER 0-009055

VOLATILES										
Sample ID	PH-1 (W)		PH-2 (W)		PH-3 (W)		PH-4 (W)		PH-5 (W)	
Sample Depth (feet BGS)	3-8		3-8		3-8		3-8		3-8	
Date Collected	10/17/96		10/17/96		10/18/96		10/17/96		10/18/96	
Date Extracted										
Date Analyzed	10/22/96		10/26/96		10/22/96		10/22/96		10/28/96	
Analytical Method No.	8020A		8020A		8020A		8020A		8020A	
Collection Method*	GP		GP		GP		GP		GP	
CONSTITUENT (ug/l)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Benzene	ND	1	5,700	100	ND	1	ND	1	130	1
<input checked="" type="checkbox"/> Toluene	ND	1	17,000	100	ND	1	ND	1	2	1
<input checked="" type="checkbox"/> Ethylbenzene	ND	1	3,200	100	ND	1	ND	1	140	1
<input checked="" type="checkbox"/> Total Xylenes	ND	1	16,000	100	ND	1	ND	1	69	1
<input checked="" type="checkbox"/> MTBE	ND	1	130	100	ND	1	ND	1	26	1
VOLATILES										
Sample ID	PH-6 (W)		PH-7 (W)		PH-11 (W)					
Sample Depth (feet BGS)	3-8		3-8		3-8					
Date Collected	10/18/96		10/18/96		10/17/96					
Date Extracted										
Date Analyzed	10/29/96		10/22/96		10/29/96					
Analytical Method No.	8020A		8020A		8020A					
Collection Method*	GP		GP		GP					
CONSTITUENT (ug/l)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Benzene	ND	1	ND	1	ND	1				
<input checked="" type="checkbox"/> Toluene	ND	1	ND	1	1	1				
<input checked="" type="checkbox"/> Ethylbenzene	ND	1	ND	1	ND	1				
<input checked="" type="checkbox"/> Total Xylenes	ND	1	ND	1	ND	1				
<input checked="" type="checkbox"/> MTBE	ND	1	ND	1	10	1				

BGS = Below Ground Surface

* Collection Method Codes (List all that apply): Grab Sample (GS), Split Spoon (SS)m Hand Auger (HA), Geoprobe (GP), Continuous Corer (CC), Soil Gas (SG), Cone Penetrometer (CP), Hydropunch (HP)

If other (OT) specify here: _____ BL = Bailer

MDL = Method Detection Limit

LABORATORY RESULTS - GROUNDWATER

FACILITY NAME Shell Service Station

FACILITY ID NUMBER 0-009055

Groundwater Sample Event; 12/9/96

VOLATILES										
Sample ID	MW-1		MW-2		MW-3		MW-4		MW-5	
Sample Depth (feet BGS)	3-8		3-8		3-8		2.5-7.5		2.5-7.5	
Date Collected	12/9/96		12/9/96		12/9/96		12/9/96		12/9/96	
Date Extracted										
Date Analyzed	12/19/96		12/19/96		12/19/96		12/19/96		12/18/96	
Analytical Method No.	8020A		8020A		8020A		8020A		8020A	
Collection Method*	BL		BL		BL		BL		BL	
CONSTITUENT (ug/l)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Benzene	ND	1	4,600	50	110	5	390	5	22	1
<input checked="" type="checkbox"/> Toluene	ND	1	12,000	50	45	5	12	5	ND	1
<input checked="" type="checkbox"/> Ethylbenzene	ND	1	2,900	50	200	5	18	5	1	1
<input checked="" type="checkbox"/> Total Xylenes	ND	1	15,000	50	570	5	17	5	2	1
<input checked="" type="checkbox"/> MTBE	ND	1	230	50	8	5	18	5	8	1
VOLATILES										
Sample ID	MW-6		MW-7		MW-8					
Sample Depth (feet BGS)	3-8		3-8		3-8					
Date Collected	12/9/96		12/9/96		12/9/96					
Date Extracted										
Date Analyzed	12/19/96		12/19/96		12/18/96					
Analytical Method No.	8020A		8020A		8020A					
Collection Method*	BL		BL		BL					
CONSTITUENT (ug/l)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Benzene	68	5	170	1	ND	1				
<input checked="" type="checkbox"/> Toluene	ND	5	7	1	ND	1				
<input checked="" type="checkbox"/> Ethylbenzene	970	5	260	1	ND	1				
<input checked="" type="checkbox"/> Total Xylenes	1,300	5	230	1	ND	1				
<input checked="" type="checkbox"/> MTBE	9	5	14	1	ND	1				

LABORATORY RESULTS - GROUNDWATER
 FACILITY NAME Shell Service Station
 FACILITY ID NUMBER 0-009055

Groundwater Sample Event: 6/4/97

VOLATILES										
Sample ID	MW-1		MW-2		MW-3		MW-4		MW-5	
Sample Depth (feet BGS)	3-8		3-8		3-8		2.5-7.5		2.5-7.5	
Date Collected	6/4/97		6/4/97		6/4/97		6/4/97		6/4/97	
Date Extracted										
Date Analyzed	6/11/97		6/18/97		6/11/97		6/13/97		6/11/97	
Analytical Method No.	8020A		8020A		8020A		8020A		8020A	
Collection Method*	BL		BL		BL		BL		BL	
CONSTITUENT (ug/l)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Benzene	ND	1	3,400	20	49	1	1,000	10	25	1
<input checked="" type="checkbox"/> Toluene	ND	1	8,600	20	15	1	79	10	2	1
<input checked="" type="checkbox"/> Ethylbenzene	ND	1	2,600	20	82	1	1,300	10	8	1
<input checked="" type="checkbox"/> Total Xylenes	ND	1	11,000	20	180	1	3,400	10	ND	1
<input checked="" type="checkbox"/> MTBE	1	1	560	20	16	1	65	10	4	1
VOLATILES										
Sample ID	MW-6		MW-7		MW-8					
Sample Depth (feet BGS)	3-8		3-8		3-8					
Date Collected	6/4/97		6/4/97		6/4/97					
Date Extracted										
Date Analyzed	6/11/97		6/11/97		6/11/97					
Analytical Method No.	8020A		8020A		8020A					
Collection Method*	BL		BL		BL					
CONSTITUENT (ug/l)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Benzene	45	1	120	1	ND	1				
<input checked="" type="checkbox"/> Toluene	2	1	2	1	ND	1				
<input checked="" type="checkbox"/> Ethylbenzene	350	1	230	1	ND	1				
<input checked="" type="checkbox"/> Total Xylenes	220	1	140	1	ND	1				
<input checked="" type="checkbox"/> MTBE	12	1	10	1	ND	1				

LABORATORY RESULTS - GROUNDWATER

FACILITY NAME Shell Service Station

FACILITY ID NUMBER 0-009055

Groundwater Sample Event: 8/31/97

VOLATILES										
Sample ID	MW-1		MW-2		MW-3		MW-4		MW-5	
Sample Depth (feet BGS)	3-8		3-8		3-8		2.5-7.5		2.5-7.5	
Date Collected	8/31/97		8/31/97		8/31/97		8/31/97		8/31/97	
Date Extracted										
Date Analyzed	9/4/97		9/3/97		9/4/97		9/4/97		9/4/97	
Analytical Method No.	8020A		8020A		8020A		8020A		8020A	
Collection Method*	BL		BL		BL		BL		BL	
CONSTITUENT (ug/l)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Benzene	ND	1	2,200	20	110	1	230	1	4	1
<input checked="" type="checkbox"/> Toluene	ND	1	7,200	20	8	1	2	1	ND	1
<input checked="" type="checkbox"/> Ethylbenzene	ND	1	2,100	20	54	1	79	1	ND	1
<input checked="" type="checkbox"/> Total Xylenes	ND	1	9,800	20	99	1	88	1	ND	1
<input checked="" type="checkbox"/> MTBE	ND	1	230	20	40	1	20	1	8	1
VOLATILES										
Sample ID	MW-6		MW-7		MW-8					
Sample Depth (feet BGS)	3-8		3-8		3-8					
Date Collected			8/31/97							
Date Extracted										
Date Analyzed			9/4/97							
Analytical Method No.			8020A							
Collection Method*			BL							
CONSTITUENT (ug/l)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Benzene	NS		ND	1	NS					
<input checked="" type="checkbox"/> Toluene	NS		ND	1	NS					
<input checked="" type="checkbox"/> Ethylbenzene	NS		ND	1	NS					
<input checked="" type="checkbox"/> Total Xylenes	NS		ND	1	NS					
<input checked="" type="checkbox"/> MTBE	NS		5	1	NS					

LABORATORY RESULTS-GROUNDWATER
 FACILITY NAME Shell Service Station
 FACILITY ID NUMBER 0-009055

POLYNUCLEAR AROMATICS										
Sample ID	PH-1 (W)		PH-2 (W)		PH-3 (W)		PH-4 (W)		PH-7 (W)	
Sample Depth (feet BGS)	3-8		3-8		3-8		3-8		3-8	
Date Collected	10/17/96		10/17/96		10/18/96		10/17/96		10/18/96	
Date Extracted										
Date Analyzed	10/29/96		10/30/96		11/1/96		10/30/96		11/4/96	
Analytical Method No.	8310		8310		8310		8310		8310	
Collection Method*	GP		GP		GP		GP		GP	
CONSTITUENT (ug/l)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Acenaphthene	ND	5	ND	500	ND	5	ND	5	ND	100
<input checked="" type="checkbox"/> Acenaphthylene	ND	5	12,000	500	ND	5	ND	5	200	100
<input checked="" type="checkbox"/> Anthracene	ND	5	ND	500	ND	5	ND	5	ND	100
<input checked="" type="checkbox"/> Benzo(a)anthracene	ND	5	ND	500	ND	5	ND	5	ND	100
<input checked="" type="checkbox"/> Benzo(a)pyrene	ND	5	ND	500	ND	5	ND	5	ND	100
<input checked="" type="checkbox"/> Benzo(b)fluoranthene	ND	5	ND	500	ND	5	ND	5	ND	100
<input checked="" type="checkbox"/> Benzo(g,h,i)perylene	ND	5	ND	500	ND	5	ND	5	ND	100
<input checked="" type="checkbox"/> Benzo(k)fluoranthene	ND	5	ND	500	ND	5	ND	5	ND	100
<input checked="" type="checkbox"/> Chrysene	ND	5	ND	500	ND	5	ND	5	ND	100
<input checked="" type="checkbox"/> Dibenzo(a,h)anthracene	ND	5	ND	500	ND	5	ND	5	ND	100
<input checked="" type="checkbox"/> Fluoranthene	ND	5	ND	500	ND	5	ND	5	ND	100
<input checked="" type="checkbox"/> Fluorene	ND	5	ND	500	ND	5	ND	5	ND	100
<input checked="" type="checkbox"/> Indeno(1,2,3- cd)pyrene	ND	5	ND	500	ND	5	ND	5	ND	100
<input checked="" type="checkbox"/> Naphthalene	ND	5	16,000	500	ND	5	ND	5	710	100
<input checked="" type="checkbox"/> Phenanthrene	ND	5	ND	500	ND	5	ND	5	ND	100
<input checked="" type="checkbox"/> Pyrene	ND	5	ND	500	ND	5	ND	5	ND	100
<input checked="" type="checkbox"/> 2-Methylnaphthalene	ND	5	27,000	500	ND	5	ND	5	420	100

BGS = Below Ground Surface

* Collection Method Codes (List all that apply): Grab Sample (GS), Split Spoon (SS)m Hand Auger (HA), Geoprobe (GP), Continuous Corer (CC), Soil Gas (SG), Cone Penetrometer (CP), Hydropunch (HP)

If other (OT) specify here: _____

BL = Bailer

MDL = Method Detection Limit

LABORATORY RESULTS-GROUNDWATER
 FACILITY NAME Shell Service Station
 FACILITY ID NUMBER Q-009055

POLYNUCLEAR AROMATICS										
Sample ID	MW-2									
Sample Depth (feet BGS)	3-8									
Date Collected	8/31/97									
Date Extracted	9/5/97									
Date Analyzed	9/9/97									
Analytical Method No.	8310									
Collection Method*	BL									
CONSTITUENT (ug/l)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Acenaphthene	ND	100								
<input checked="" type="checkbox"/> Acenaphthylene	290	100								
<input checked="" type="checkbox"/> Anthracene	ND	100								
<input checked="" type="checkbox"/> Benzo(a)anthracene	ND	100								
<input checked="" type="checkbox"/> Benzo(a)pyrene	ND	100								
<input checked="" type="checkbox"/> Benzo(b)fluoranthene	ND	100								
<input checked="" type="checkbox"/> Benzo(g,h,i)perylene	ND	100								
<input checked="" type="checkbox"/> Benzo(k)fluoranthene	ND	100								
<input checked="" type="checkbox"/> Chrysene	ND	100								
<input checked="" type="checkbox"/> Dibenzo(a,h)anthracene	ND	100								
<input checked="" type="checkbox"/> Fluoranthene	ND	100								
<input checked="" type="checkbox"/> Fluorene	ND	100								
<input checked="" type="checkbox"/> Indeno(1,2,3- cd)pyrene	ND	100								
<input checked="" type="checkbox"/> Naphthalene	1,100	100								
<input checked="" type="checkbox"/> Phenanthrene	ND	100								
<input checked="" type="checkbox"/> Pyrene	ND	100								
<input checked="" type="checkbox"/> 2-Methylnaphthalene	420	100								

BGS = Below Ground Surface

* If applicable

** Footnote and define all Collection Method Codes used in this table: GS = Grab Sample

MDL = Method Detection Limit

LABORATORY RESULTS-GROUNDWATER
 FACILITY NAME Shell Service Station
 FACILITY ID NUMBER 0-009055

POLYNUCLEAR AROMATICS										
Sample ID	MW-1		MW-2		MW-3		MW-4		MW-5	
Sample Depth (feet BGS)	3-8		3-8		3-8		2.5-7.5		2.5-7.5	
Date Collected	6/4/97		6/4/97		6/4/97		6/4/97		6/4/97	
Date Extracted	6/9/97		6/9/97		6/9/97		6/9/97		6/9/97	
Date Analyzed	6/10/97		6/11/97		6/10/97		6/10/97		6/10/97	
Analytical Method No.	8310		8310		8310		8310		8310	
Collection Method*	BL		BL		BL		BL		BL	
CONSTITUENT (ug/l)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Acenaphthene	ND	5	440	100	14	5	74	5	ND	5
<input checked="" type="checkbox"/> Acenaphthylene	ND	5	ND	100	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Anthracene	ND	5	ND	100	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Benzo(a)anthracene	ND	5	ND	100	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Benzo(a)pyrene	ND	5	ND	100	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Benzo(b)fluoranthene	ND	5	ND	100	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Benzo(g,h,i)perylene	ND	5	ND	100	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Benzo(k)fluoranthene	ND	5	ND	100	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Chrysene	ND	5	ND	100	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Dibenzo(a,h)anthracene	ND	5	ND	100	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Fluoranthene	ND	5	ND	100	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Fluorene	ND	5	ND	100	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Indeno(1,2,3-cd)pyrene	ND	5	ND	100	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Naphthalene	ND	5	2,100	100	37	5	16	5	ND	5
<input checked="" type="checkbox"/> Phenanthrene	ND	5	ND	100	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> Pyrene	ND	5	ND	100	ND	5	ND	5	ND	5
<input checked="" type="checkbox"/> 2-Methylnaphthalene	ND	5	890	100	17	5	94	5	ND	5

BGS = Below Ground Surface

* If applicable

** Footnote and define all Collection Method Codes used in this table: GS = Grab Sample

MDL = Method Detection Limit

BGS = Below Ground Surface

* If applicable

** Footnote and define all Collection Method Codes used in this table: GS = Grab Sample

MDL = Method Detection Limit

LABORATORY RESULTS - GROUNDWATER

FACILITY NAME Shell Service Station

FACILITY ID NUMBER 0-009055

HALOGENATED HYDROCARBONS	PH-1 (W)		PH-2 (W)		PH-3 (W)		PH-4 (W)		PH-7 (W)	
Sample ID	3-8		3-8		3-8		3-8		3-8	
Sample Depth (feet BGS)	3-8		3-8		3-8		3-8		3-8	
Date Collected	10/17/96		10/17/96		10/18/96		10/17/96		10/18/96	
Date Extracted										
Date Analyzed	10/26/96		10/26/96		10/26/96		10/26/96		10/27/96	
Analytical Method No.	8010		8010		8010		8010		8010	
Collection Method*	BL		BL		BL		BL		BL	
CONSTITUENT (ug/kg)	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL	Conc	MDL
<input checked="" type="checkbox"/> Dichlorodifluoromethane	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	0.5
<input checked="" type="checkbox"/> Chloromethane	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> Vinyl Chloride	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	0.5
<input checked="" type="checkbox"/> Bromomethane	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> Chloroethane	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> Trichlorofluoromethane	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> 1,1-Dichloroethene	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> Methylene Chloride	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> trans-1,2-Dichloroethene	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> 1,1-Dichloroethane	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> Chloroform	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> 1,1,1-Trichloroethane	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> Carbon Tetrachloride	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	0.5
<input checked="" type="checkbox"/> 1,2-Dichloroethane	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	0.5
<input checked="" type="checkbox"/> 2-chloroethylvinyl ether	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> Trichloroethene	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> 1,2-Dichloropropane	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> Bromodichloromethane	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> cis-1,3-Dichloropropene	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	0.5
<input checked="" type="checkbox"/> trans-1,3-Dichloropropene	ND	0.5	ND	5	ND	0.5	ND	0.5	ND	0.5
<input checked="" type="checkbox"/> 1,1,2-Trichloroethane	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> Tetrachloroethene	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> Dibromochloromethane	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> Chlorobenzene	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> Bromoform	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> 1,1,2,2-Tetrachloroethane	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> 1,3-Dichlorobenzene	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> 1,4-Dichlorobenzene	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0
<input checked="" type="checkbox"/> 1,2-Dichlorobenzene	ND	1.0	ND	10	ND	1.0	ND	1.0	ND	1.0

BGS = Below Ground Surface

* Collection Method Codes (List all that apply): Grab Sample (GS), Split Spoon (SS), Hand Auger (HA), Geoprobe (GP), Continuous Corer (CC), Soil Gas (SG), Cone Penetrometer (CP), Hydropunch (HP)
If other (OT) specify here: _____ BL = Bailer

MDL = Method Detection Limit

ATTACHMENT C
Organic Vapor Screening Results

**TABLE 2
ORGANIC VAPOR SCREENING RESULTS**

**SHELL SERVICE STATION
975 ROCHESTER ROAD
ROCHESTER, MICHIGAN**

LOCATION	DATE	PID RESULT (PPM)
SE Catch Basin - Avon Road	4/15/96	ND
	6/4/97	ND
	8/31/97	ND
SW Catch Basin - Rochester Road	4/15/96	ND
	6/4/97	ND
	8/31/97	ND
NE Catch Basin - Rochester Road	4/15/96	ND
	6/4/97	ND
	8/31/97	ND
Catch Basin - Property North of Site	4/15/96	ND
	6/4/97	ND
	8/31/97	ND

PPM = Parts per million

ND = Not Detected



Groundwater Monitoring / Site Status Report

*975 Rochester Road
Rochester, Michigan
WIC # 221-6983-0100*

Prepared for:

**Stace R. Bieber, P.G.
Environmental Geologist
Shell Oil Products US
9436 Maltby Road
Brighton, MI 48116**

Prepared by:

**Groundwater & Environmental Services, Inc.
9436 Maltby Road
Brighton, MI 48116**

January 22, 2003



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY - STORAGE TANK DIVISION

LEAKING UNDERGROUND STORAGE TANK

SUPPLEMENTAL REPORT COVER SHEET

INSTRUCTIONS: Complete this form with all applicable information. Attach this form to all supplemental Leaking Underground Storage Tank (LUST) submittals; this includes all reports other than the Initial Assessment, Final Assessment, and Closure Reports. The Certified Underground Storage Tank Professional (CP) MUST sign below. Please return this completed report cover sheet to the appropriate STD District Office listed on page 2. Use of this form to provide the listed information is voluntary.

IDENTIFY TYPE OF SUPPLEMENTAL REPORT: GROUNDWATER MONITORING / SITE STATUS REPORT

FACILITY NAME: Shell Rochester @ Avon (221-6983-0100)		FACILITY ID NUMBER: 0-009055
STREET ADDRESS: 975 Rochester Road	CITY: Rochester	
STATE: MI	ZIP CODE: 48037	COUNTY: Oakland
DATE(S) RELEASE(S) DISCOVERED: 04/08/1996, 04/24/1996		CONFIRMED RELEASE NUMBER(S): C-0214-96, C-0252-96
O/O NAME: Shell Oil Products US		
O/O STREET ADDRESS: 9436 Maltby Road, Brighton	STATE: MI	ZIP CODE: 48116
CONTACT PERSON: Stace R. Bieber, P.G. (Shell Oil Products US)	PHONE NUMBER: (248) 670-1471	



ANSWER ALL QUESTIONS

1. Type(s) of product released: **Unleaded Gasoline and Waste Oil**

2. Free product present:
 a. Currently? YES NO
 b. Previously? YES NO
 If YES, total gallons recovered since last report:
 If YES, total gallons recovered to date:

3. Have vapors been identified in any confined spaces (basement, sewers)? YES NO

4. Estimated depth to groundwater: **Approximately 4 feet** Estimated groundwater flow direction: **Radial**

5. Estimated distance and direction from point of release to nearest:
 a. Private well: **150 feet south** b. Municipal well: **< 1/2 Radial Mile** c. Surface water/wetland: **> 1/2 Mile North**

6. Since last report: a. cubic yards of soil remediated: **Zero** b. gallons of groundwater remediated: **Zero**

7. Totals to date: a. cubic yards of soil remediated: **Approximately 40 yd³** b. gallons of groundwater remediated: **Zero**

8. Michigan RBCA Site Classification (1-4): **3**

9. Has contamination migrated off-site above Tier 1 Residential RBSLs YES NO
 If YES, have off-site impacted parties been notified (per Section 21309a(3) of Part 213 YES NO

10. MTBE Has MTBE been detected in any sample? YES NO Is any sample above 40 ppb? YES NO

CERTIFICATION OF REPORT COMPLETION

I, the undersigned CP, hereby attest to the best of my knowledge and belief that the statements in this document and all attachments are true, accurate, and complete. I certify that it was submitted to the Storage Tank Division (STD) on 1/23/03.

(date submitted-Required)

1/23/03

CP ORIGINAL SIGNATURE - REQUIRED

DATE

Jeffrey Berntsen

PRINT QC PROJECT MANAGER'S NAME

Kirk Pompilius, P.G.

PRINT CP'S NAME

Groundwater & Environmental Services, Inc. (GES)

NAME OF CONSULTING FIRM

9436 Maltby Road, Brighton, MI 48116

ADDRESS

(810) 227-0002

PHONE NO.

(810) 227-0008

FAX NO.

DEQ STORAGE TANK DIVISION OFFICES AND LOCATIONS

Determine in which county/city the UST is located and which Storage Tank Division (STD) office serves that county/city, then locate the proper STD address/phone listed below.

COUNTY	STD OFFICE	COUNTY	STD OFFICE	COUNTY	STD OFFICE	COUNTY	STD OFFICE
Alcona	Gaylord	Dickinson	Marquette	Lake	Cadillac	Oceana	Grand Rapids
Alger	Marquette	Eaton	Shiawassee	Lapeer	Shiawassee	Ogemaw	Saginaw-Bay
Allegan	Kalamazoo	Emmet	Gaylord	Leelanau	Cadillac	Ontonagon	Marquette
Alpena	Gaylord	Genesee	Shiawassee	Lenawee	Jackson	Osceola	Cadillac
Antrim	Gaylord	Gladwin	Saginaw-Bay	Livingston	Shiawassee	Oscoda	Gaylord
Arenac	Saginaw-Bay	Gogebic	Marquette	Luce	Marquette	Otsego	Gaylord
Baraga	Marquette	Grand Traverse	Cadillac	Mackinac	Marquette	Ottawa	Grand Rapids
Barry	Grand Rapids	Gratiot	Shiawassee	Macomb	SE Michigan	Presque Isle	Gaylord
Bay	Saginaw-Bay	Hillsdale	Jackson	Manistee	Cadillac	Roscommon	Gaylord
Benzie	Cadillac	Houghton	Marquette	Marquette	Marquette	Saginaw	Saginaw-Bay
Berrien	Kalamazoo	Huron	Saginaw-Bay	Mason	Cadillac	Sanilac	Saginaw-Bay
Branch	Kalamazoo	Ingham	Shiawassee	Mecosta	Grand Rapids	Schoolcraft	Marquette
Calhoun	Kalamazoo	Ionia	Grand Rapids	Menominee	Marquette	Shiawassee	Shiawassee
Cass	Kalamazoo	Iosco	Saginaw-Bay	Midland	Saginaw-Bay	St Clair	SE Michigan
Charlevoix	Gaylord	Iron	Marquette	Missaukee	Cadillac	St Joseph	Kalamazoo
Cheboygan	Gaylord	Isabella	Saginaw-Bay	Monroe	Jackson	Tuscola	Saginaw-Bay
Chippewa	Marquette	Jackson	Jackson	Montcalm	Grand Rapids	Van Buren	Kalamazoo
Clare	Saginaw-Bay	Kalamazoo	Kalamazoo	Montmorency	Gaylord	Washtenaw	Jackson
Clinton	Shiawassee	Kalkaska	Cadillac	Muskegon	Grand Rapids	Wayne*	SE Michigan
Crawford	Gaylord	Kent	Grand Rapids	Newaygo	Grand Rapids	*Detroit	Detroit
Delta	Marquette	Keweenaw	Marquette	Oakland	SE Michigan	*Highland Park	Detroit
						*Hamtramck	Detroit
						Wexford	Cadillac

<u>CADILLAC DISTRICT OFFICE</u> 120 W CHAPIN ST CADILLAC MI 49601-2158 (PHONE) 231-775-3960 (FAX) 231-775-1511	<u>DETROIT FIELD OFFICE</u> 300 RIVERPLACE, SUITE 3600 DETROIT MI 48207 (PHONE) 313-392-6480 (FAX) 313-392-6488	<u>GAYLORD FIELD OFFICE</u> 2100 WEST M-32 GAYLORD MI 49735 (PHONE) 989-705-3415 (FAX) 989-731-6181
<u>GRAND RAPIDS DISTRICT OFFICE</u> 350 OTTAWA AVE N.W. UNIT 10 GRAND RAPIDS MI 49503-2341 (PHONE) 616-356-0500 (FAX) 616-356-0202	<u>JACKSON DISTRICT OFFICE</u> 301 E LOUIS B. GLICK HIGHWAY JACKSON MI 49201-1556 (PHONE) 517-780-7690 (FAX) 517-780-7855	<u>KALAMAZOO DISTRICT OFFICE</u> 7953 ADOBE ROAD KALAMAZOO MI 49009-5026 (PHONE) 616-567-3500 (FAX) 616-567-9440
<u>MARQUETTE DISTRICT OFFICE</u> 1990 US 41 SOUTH MARQUETTE MI 49855-9198 (PHONE) 906-228-6568 (FAX) 906-228-5245	<u>SAGINAW-BAY DISTRICT OFFICE</u> 503 N EUCLID AVE SUITE 1 BAY CITY MI 48706-2965 (PHONE) 989-686-8025 ext. 8377 (FAX) 989-684-9799	<u>SE MICHIGAN DISTRICT OFFICE</u> 38980 SEVEN MILE RD LIVONIA MI 48152-1006 (PHONE) 734-953-1450 (FAX) 734-432-1295
<u>SHIAWASSEE DISTRICT OFFICE</u> 10650 BENNETT DR MORRICE MI 48857-9792 (PHONE) 517-625-5515 (FAX) 517-625-5000	<u>MAIN OFFICE</u> 333 S. CAPITOL AVE, PO BOX 30157 LANSING MI 48909-7657 (PHONE) 517-373-8168 (FAX) 517-335-2245 or 517-335-0146 E-MAIL: deq-std-tanks@state.mi.us WEB SITE: http://www.deq.state.mi.us/std/ REPORT UNDERGROUND STORAGE TANK RELEASES: 800-642-4878	



Groundwater Monitoring / Site Status Report

January 2003

Shell Retail Station

975 Rochester Road@ Avon

Rochester, MI 48313

WIC: 221-6983-0100

Facility ID: 0-009055

Groundwater & Environmental Services, Inc. (GES) was retained by Shell Oil Products US (Shell), to prepared this Groundwater Monitoring / Site Status Report addressing the following confirmed releases at the Shell branded retail gasoline facility at 975 Rochester Road, Rochester, Oakland County Michigan (site):

- C-0214-96 on 04/08/1996; and
- C-0252-96 on 04/24/1996

This report summarizes recently completed site activities, provides explanations of proposed future activities based on the current site data and presents data obtained from the recent activities.

Based on a detailed evaluation of current site conditions and a review of previously completed regulatory documents, GES considers the site to fulfill Class 3 requirements per the newly drafted MDEQ Operational Memorandum No. 5, dated 07/10/95, Revised 08/28/02. Furthermore, GES considers direct contact with impacted subsurface soils and groundwater as well as hydrocarbon volatilization to indoor air to be applicable exposure pathways at the site.

Recently Completed Activities

In January 2001, GES assumed environmental consulting services at the site. Upon receiving the site, GES conducted a detailed review of all available site data.

In May 2001, and April 2002, GES sampled on-site monitoring wells to determine prevailing site conditions.

In March 2002, GES obtained a permit from the Road Commission of Oakland County to access both the northern and southern rights-of-way of Avon Road.

On November 12 and 13, 2002, GES directed the installation and construction of five (5) monitoring well locations on-site along the southern property boundary and within both the northern and southern rights-of-way of Avon Road.

Proposed 2003 Activities

- Sample all monitoring wells;
- Evaluate closure potential or update FAR

Recently Collected Data

Refer to Appendix A for scaled site maps depicting the site, it's prominent features, respective property boundaries, and current monitoring well locations.

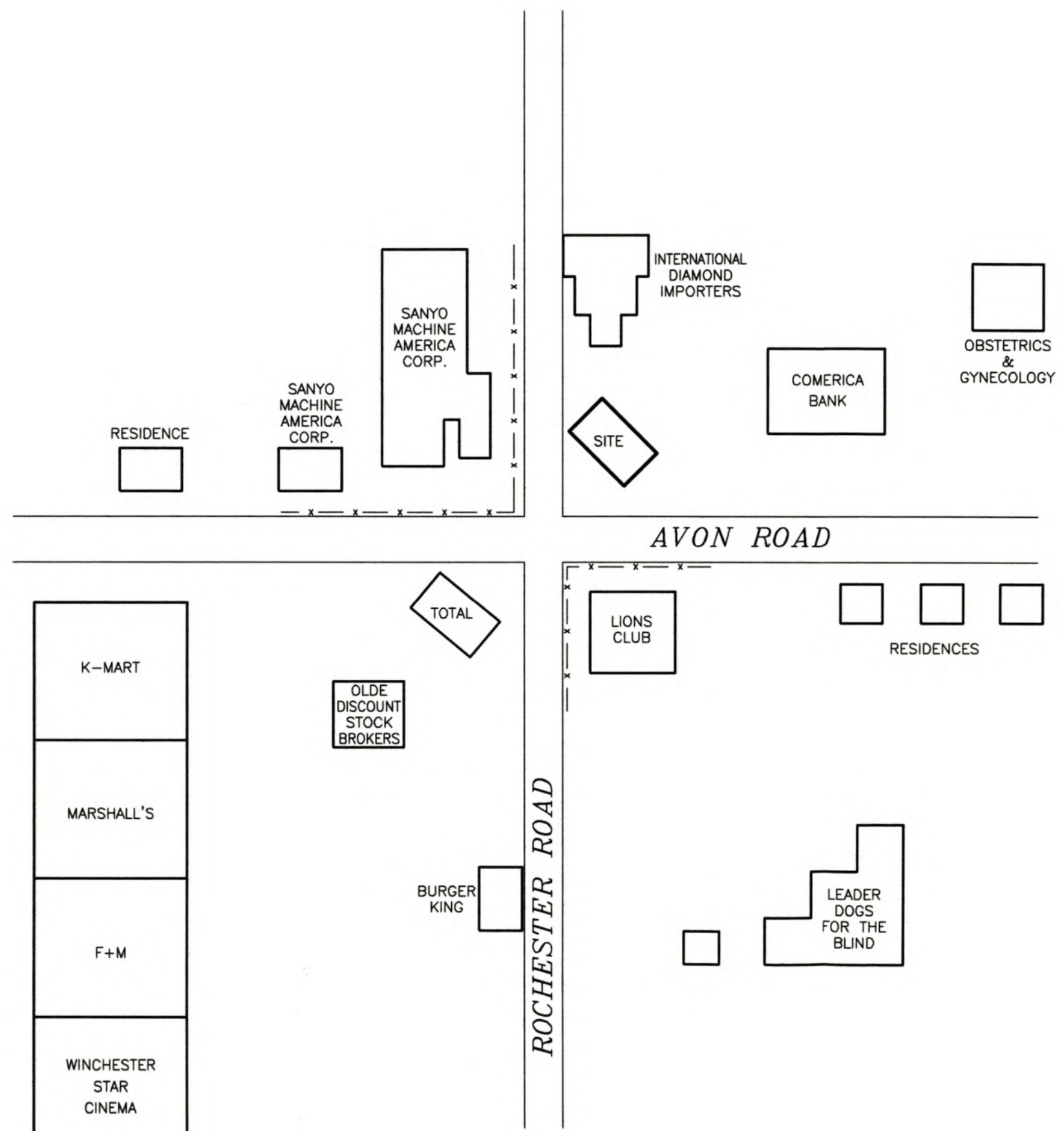
Refer to Appendix B for the boring log and monitoring well diagrams prepared for the soil borings and monitoring wells completed on site under GES' direction in November 2002.

Refer to Appendix C for analytical data tables presenting the laboratory analytical data generated from on-site soil and groundwater samples as compared to the applicable Tier 1 Residential and Commercial III RBSLs per MDEQ Part 213 Operational Memorandum No. 4, Attachment 2, Revision 5, dated June 2000.

See Appendices.

Appendix A

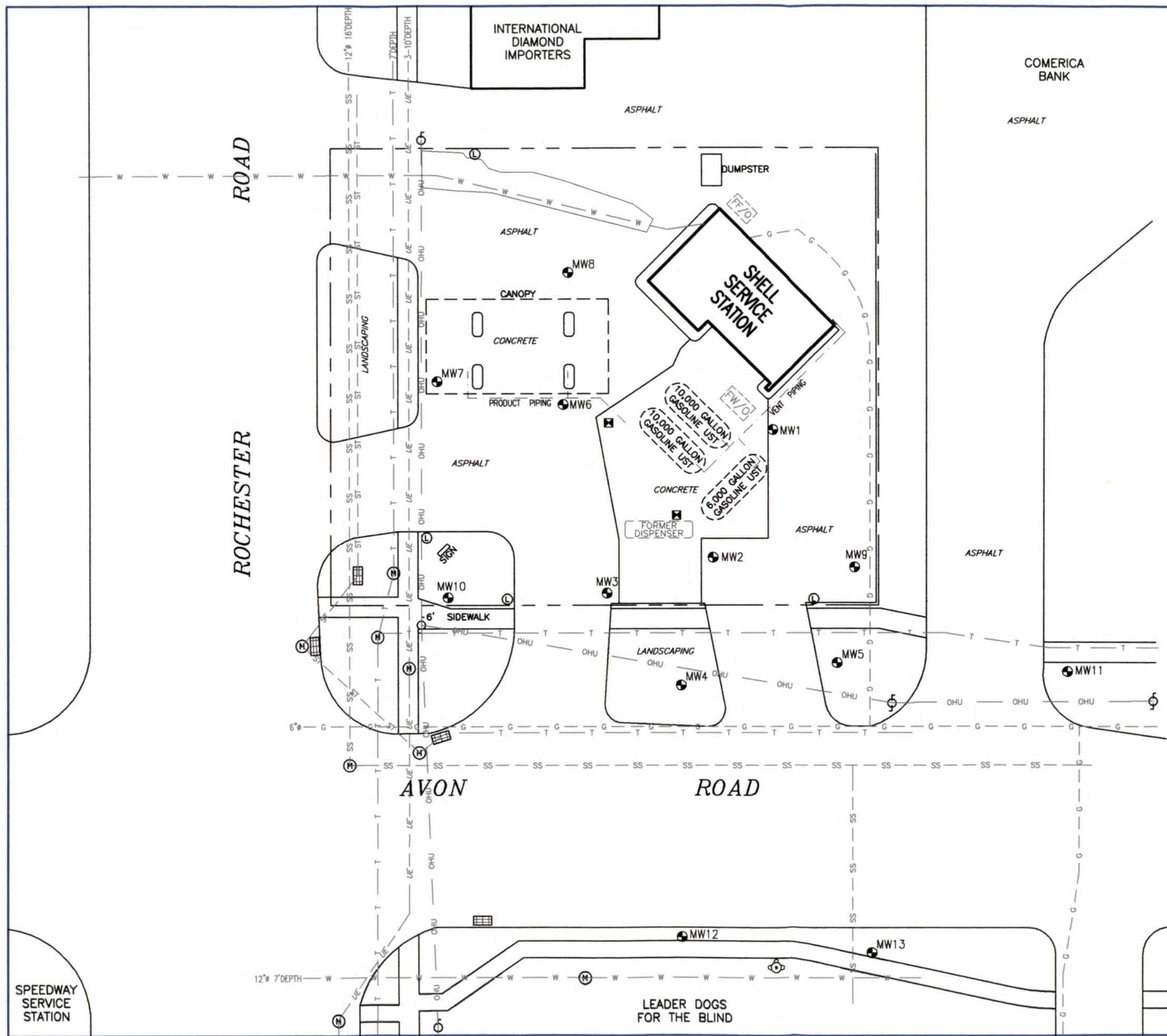
Site Maps



M:\Graphics\Graphics-Detroit\Shell\8070-0704 Rochester Hills\8070-0704 rochester hills LAM.dwg, Model, 12/31/2002 01:35:47 PM, J.Maul, 1:1, GES

DRAFTED BY: J.S.M. (WALL)	LOCAL AREA MAP	
CHECKED BY:	SHELL SERVICE STATION WIC #221-8070-0704 975 ROCHESTER ROAD ROCHESTER HILLS, MICHIGAN	
REVIEWED BY:	Groundwater & Environmental Services, Inc. 9436 MALTBY ROAD, BRIGHTON, MICHIGAN 48116	
NORTH 	NOT TO SCALE	FIGURE
	DATE 12-31-02	

M:\Graphics\Graphics-Detroit\Shell\8070-0704 Rochester Hills\8070-0704 Rochester Hills SM.dwg, 01/21/2003 09:58:05 AM, DKessler, 1:30, GES



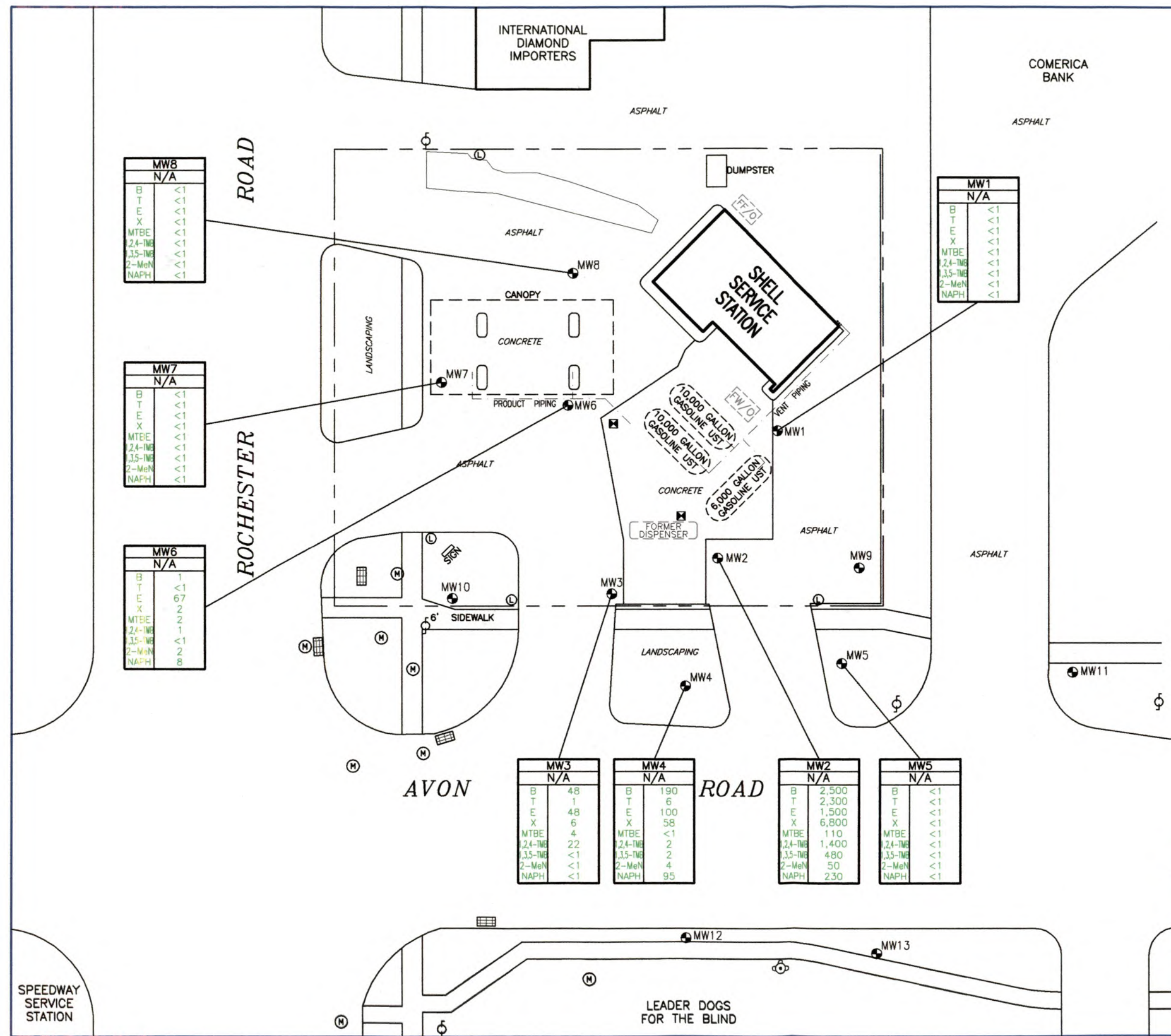
- LEGEND**
- [F/O] FORMER FUEL OIL TANK
 - [W/O] FORMER 550 GALLON WASTE OIL TANK
 - ⊙ LIGHT POLE
 - DISPENSER ISLAND
 - MONITORING WELL
 - SS--- UNDERGROUND SANITARY SEWER
 - ST--- UNDERGROUND STORM SEWER
 - G--- UNDERGROUND GAS LINE
 - W--- UNDERGROUND WATER LINE
 - T--- UNDERGROUND TELEPHONE
 - UE--- UNDERGROUND ELECTRIC
 - OHU--- OVERHEAD UTILITIES

DRAFTED BY: D.M.K. (WALL)	SITE MAP	
CHECKED BY:	SHELL SERVICE STATION WIC #221-8070-0704 975 ROCHESTER ROAD ROCHESTER HILLS, MICHIGAN	
REVIEWED BY:	Groundwater & Environmental Services, Inc. 9436 MALTBY ROAD, BRIGHTON, MICHIGAN 48116	
NORTH 	SCALE IN FEET 	DATE 1-21-03
		FIGURE

SPEEDWAY SERVICE STATION

LEADER DOGS FOR THE BLIND

M:\Graphics\Graphics-Detroit\Shell\8070-0704 Rochester Hills\8070-0704 rochester hills SM.dwg, 01/21/2003 09:57:25 AM, DKessler, 1:30, GES



LEGEND

- [F/O] FORMER FUEL OIL TANK
- [W/O] FORMER 550 GALLON WASTE OIL TANK
- ⊙ LIGHT POLE
- DISPENSER ISLAND
- ⊕ MONITORING WELL

MW1		WELL IDENTIFICATION
N/A		GROUNDWATER ELEVATION (feet)
B	<1	BENZENE CONCENTRATION (ug/L)
T	<1	TOLUENE CONCENTRATION (ug/L)
E	<1	ETHYLBENZENE CONCENTRATION (ug/L)
X	<1	XYLENES CONCENTRATION (ug/L)
MTBE	<1	MTBE CONCENTRATION (ug/L)
1,2,4-TMB	<1	1,2,4-TRIMETHYLBENZENE CONCENTRATION (ug/L)
1,3,5-TMB	<1	1,3,5-TRIMETHYLBENZENE CONCENTRATION (ug/L)
2-MeN	<1	2-METHYLNAPHTHALENE CONCENTRATION (ug/L)
NAPH	<1	NAPHTHALENE CONCENTRATION (ug/L)

ug/L MICROGRAMS PER LITER
 MTBE METHYL *tert*-BUTYL ETHER
 <# WHERE AN ANALYTE IS NOT DETECTED, A METHOD DETECTION LIMIT IS GIVEN
 N/A NOT AVAILABLE

MW8		N/A
B	<1	
T	<1	
E	<1	
X	<1	
MTBE	<1	
1,2,4-TMB	<1	
1,3,5-TMB	<1	
2-MeN	<1	
NAPH	<1	

MW7		N/A
B	<1	
T	<1	
E	<1	
X	<1	
MTBE	<1	
1,2,4-TMB	<1	
1,3,5-TMB	<1	
2-MeN	<1	
NAPH	<1	

MW6		N/A
B	1	
T	<1	
E	67	
X	2	
MTBE	2	
1,2,4-TMB	1	
1,3,5-TMB	<1	
2-MeN	2	
NAPH	8	

MW1		N/A
B	<1	
T	<1	
E	<1	
X	<1	
MTBE	<1	
1,2,4-TMB	<1	
1,3,5-TMB	<1	
2-MeN	<1	
NAPH	<1	

MW3		N/A
B	48	
T	1	
E	48	
X	6	
MTBE	4	
1,2,4-TMB	22	
1,3,5-TMB	<1	
2-MeN	<1	
NAPH	<1	

MW4		N/A
B	190	
T	6	
E	100	
X	58	
MTBE	<1	
1,2,4-TMB	2	
1,3,5-TMB	2	
2-MeN	4	
NAPH	95	

MW2		N/A
B	2,500	
T	2,300	
E	1,500	
X	6,800	
MTBE	110	
1,2,4-TMB	1,400	
1,3,5-TMB	480	
2-MeN	50	
NAPH	230	

MW5		N/A
B	<1	
T	<1	
E	<1	
X	<1	
MTBE	<1	
1,2,4-TMB	<1	
1,3,5-TMB	<1	
2-MeN	<1	
NAPH	<1	

DRAFTED BY: D.M.K. (WALL)	GROUNDWATER MONITORING MAP 3 APRIL 2002	
CHECKED BY:	SHELL SERVICE STATION WIC #221-8070-0704 975 ROCHESTER ROAD ROCHESTER HILLS, MICHIGAN	
REVIEWED BY:	Groundwater & Environmental Services, Inc. 9436 MALTBY ROAD, BRIGHTON, MICHIGAN 48116	
NORTH 	SCALE IN FEET 	DATE 1-21-03
		FIGURE

SPEEDWAY SERVICE STATION

LEADER DOGS FOR THE BLIND



Appendix B

Soil Boring & Monitoring Well Diagrams



Monitoring Well Log

ID NO. **MW-9**

Groundwater and Environmental Services, Inc.

Page 1 of 1

PROJECT: **Shell: Rochester @ Avon** SURFACE ELEV.: **NA** TOTAL DEPTH: **15'**
 ADDRESS: **975 Rochester Rd, Rochester Hills, MI** WATER DEPTH: **3.5'** CASING EL.: **NA**
 JOB NO. **Incident # 98998040** BOREHOLE DIA.: **8"** WELL DIA.: **2"**

Logged By: **J. Bostek** Drilling Method: **Hand Auger, Direct Push, 4.25" ID HSA**
 Dates Drilled: **11/12/02** Sampling Method: **Continuous**
 Drilling Company: **Fibertec** Soil Class. System: **USCS**
 Drill Rig Type: **66 DT Geoprobe** Field Screening: **PID 10.6 eV Lamp (ppm)**

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Recovery	SAMPLE LITHOLOGY	Stratigraphy	Comments	COMPLETION DETAILS
0					ASPHALT	ASPHALT		Concrete Flush Mount
					CLAY: Silty, sandy, moist, brown, gray and green	SILTY, SANDY CLAY	CL	Bentonite Seal
2	7.7							2" PVC Riser
				100%	SAND: Little silt and clay, trace organics, fine, moist, black	SAND	SW	#5 Sand Pack
4	38.2				SILTY SAND: Fine, wet, brown and gray	SILTY SAND	SM	2" Slot 0.010" Screen
6	9				CLAY: Silty, very soft, moist, brown	SILTY CLAY	CL	Well Plug
8	0			100%	CLAY: Little silt, trace sand, medium stiff, moist, brown	CLAY	CL	
10	0							
12	0			100%	CLAY: Silty, sandy, moist, gray	SILTY, SANDY CLAY	CL	
14	0							

Location:
 Northing/Latitude: **NA**
 Easting/Longitude: **NA**
 Horizontal Datum: **NA**
 Vertical Datum: **NA**

General Comments:

Symbol Key:
 Apparent Water Level

Lab Sample Location



Monitoring Well Log

ID NO. **MW-10**

Groundwater and Environmental Services, Inc.

Page 1 of 1

PROJECT: **Shell: Rochester @ Avon** SURFACE ELEV.: **NA** TOTAL DEPTH: **15'**
 ADDRESS: **975 Rochester Rd, Rochester Hills, MI** WATER DEPTH: **5'** CASING EL.: **NA**
 JOB NO. **Incident # 98998040** BOREHOLE DIA.: **8"** WELL DIA.: **2"**

Logged By: **J. Bostek** Drilling Method: **Hand Auger, Direct Push, 4.25" ID HSA**
 Dates Drilled: **11/12/02** Sampling Method: **Continuous**
 Drilling Company: **Fibertec** Soil Class. System: **USCS**
 Drill Rig Type: **66 DT Geoprobe** Field Screening: **PID 10.6 eV Lamp (ppm)**



Depth (feet)	Sample Interval	Field Screen	Blow Counts	Recovery	SAMPLE LITHOLOGY	Stratigraphy	Comments	COMPLETION DETAILS
0					CLAY: Silty, sandy, moist, brown	SILTY, SANDY CLAY	CL	Concrete Flush Mount
2					SAND: Fine to medium grained, moist, brown	SAND	SP	Bentonite Seal
					CLAY: Silty, sandy, moist, brown	SILTY, SANDY CLAY	CL	2" PVC Riser
4					SAND: Gravelly, fine to coarse grained, moist, brown	GRAVELLY SAND	SP	#5 Sand Pack
	Soil sample MW-10 (4-6)' analyzed				SILTY SAND: Clayey, trace organics, fine, moist, black and dark brown	SILTY, CLAYEY SAND	SM, SC	
					SILTY SAND: Fine, wet, brown	SILTY SAND		2" Slot 0.010" Screen
6							SM	
8								Well Plug
10					CLAY: Silty, sandy, very soft, moist, brown	SILTY, SANDY CLAY		
12	Soil sample MW-10 (12-14)' analyzed				CLAY: Silty, sandy, soft, moist, gray		CL	
14								

Location:

Northing/Latitude: NA
 Easting/Longitude: NA
 Horizontal Datum: NA
 Vertical Datum: NA

General Comments:

Symbol Key:

Apparent Water Level 
 Lab Sample Location 



Monitoring Well Log

ID NO. **MW-11**

Groundwater and Environmental Services, Inc.

Page 1 of 1

PROJECT: **Shell: Rochester @ Avon** SURFACE ELEV.: **NA** TOTAL DEPTH: **15'**
 ADDRESS: **975 Rochester Rd, Rochester Hills, MI** WATER DEPTH: **3'** CASING EL.: **NA**
 JOB NO. **Incident # 98998040** BOREHOLE DIA.: **8"** WELL DIA.: **2"**

Logged By: **J. Bostek** Drilling Method: **Hand Auger, Direct Push, 4.25" ID HSA**
 Dates Drilled: **11/12/02** Sampling Method: **Continuous**
 Drilling Company: **Fibertec** Soil Class. System: **USCS**
 Drill Rig Type: **66 DT Geoprobe** Field Screening: **PID 10.6 eV Lamp (ppm)**

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Recovery	SAMPLE LITHOLOGY	Stratigraphy	Comments	COMPLETION DETAILS
0					SILTY SAND: Clayey, trace organics, fine, moist, black and dark brown	SILTY, CLAYEY SAND	SM, SC	Concrete Flush Mount Bentonite Seal 2" PVC Riser
2	Soil sample MW-11 (2-4)' analyzed			100%	SILTY SAND: Fine, wet, brown	SILTY SAND	SM	#5 Sand Pack
4					CLAY: Silty, sandy, moist, brown and gray	SILTY, SANDY CLAY	CL	2" Slot 0.010" Screen
					SILTY SAND: Fine, wet, brown	SILTY SAND	SM	
6					CLAY: Silty, sandy, very soft, moist, brown	SILTY, SANDY CLAY		Well Plug
8				100%			CL	
10								
12	Soil sample MW-11 (12-14)' analyzed			100%	CLAY: Silty, sandy, soft, moist, gray			
14								

Location:
 Northing/Latitude: **NA**
 Easting/Longitude: **NA**
 Horizontal Datum: **NA**
 Vertical Datum: **NA**

General Comments:

Symbol Key:
 Apparent Water Level
 Lab Sample Location



Monitoring Well Log

ID NO. **MW-12**

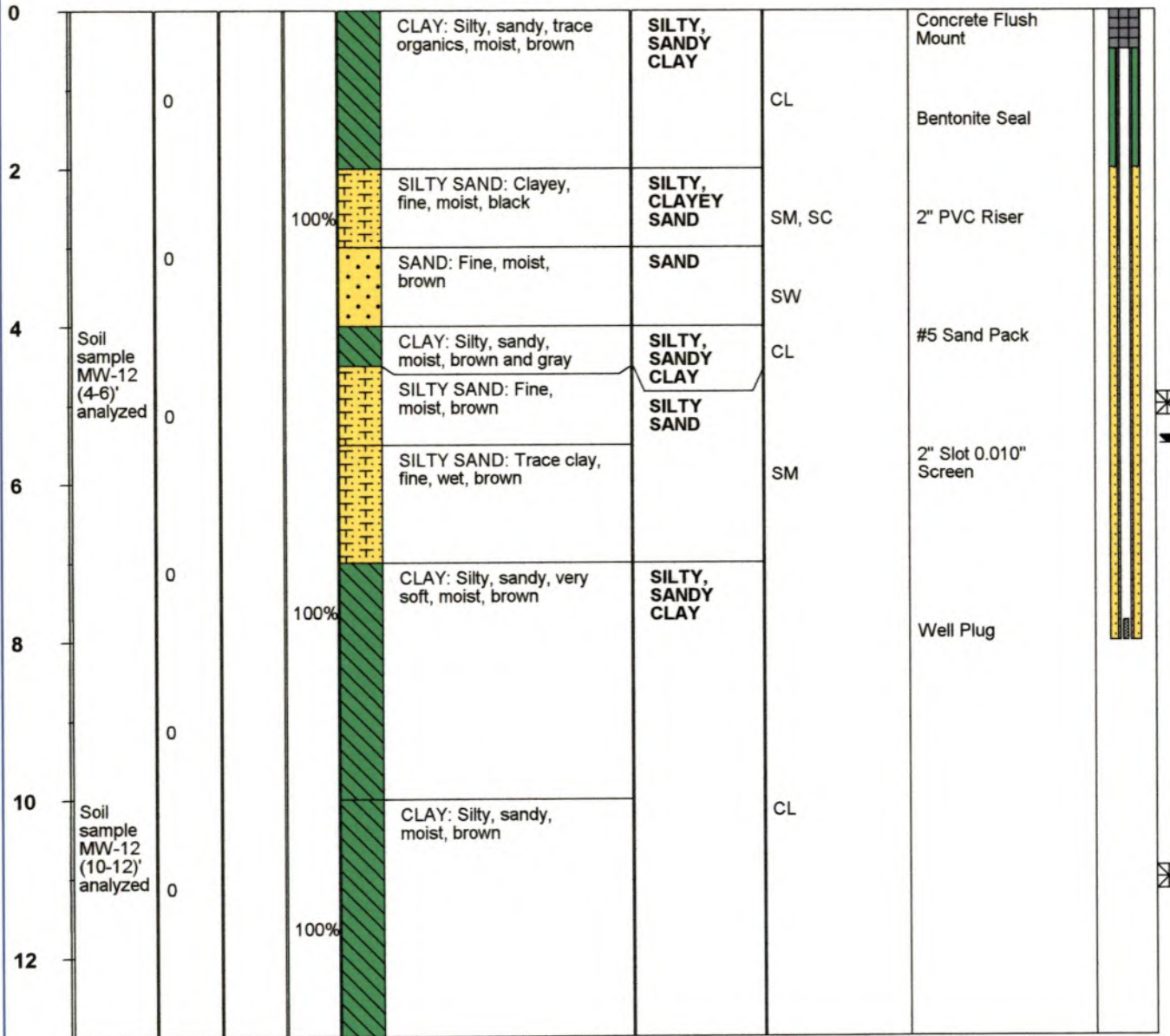
Groundwater and Environmental Services, Inc.

Page 1 of 1

PROJECT: **Shell: Rochester @ Avon** SURFACE ELEV.: **NA** TOTAL DEPTH: **13'**
 ADDRESS: **975 Rochester Rd, Rochester Hills, MI** WATER DEPTH: **5.5'** CASING EL.: **NA**
 JOB NO. **Incident # 98998040** BOREHOLE DIA.: **8"** WELL DIA.: **2"**

Logged By: **J. Bostek** Drilling Method: **Hand Auger, Direct Push, 4.25" ID HSA**
 Dates Drilled: **11/13/02** Sampling Method: **Continuous**
 Drilling Company: **Fibertec** Soil Class. System: **USCS**
 Drill Rig Type: **66 DT Geoprobe** Field Screening: **PID 10.6 eV Lamp (ppm)**

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Recovery	SAMPLE LITHOLOGY	Stratigraphy	Comments	COMPLETION DETAILS
--------------	-----------------	--------------	-------------	----------	------------------	--------------	----------	--------------------



Location:
 Northing/Latitude: **NA**
 Easting/Longitude: **NA**
 Horizontal Datum: **NA**
 Vertical Datum: **NA**

General Comments:

Symbol Key:

Apparent Water Level

Lab Sample Location



Monitoring Well Log

ID NO. **MW-13**

Groundwater and Environmental Services, Inc.

Page 1 of 1

PROJECT: **Shell: Rochester @ Avon** SURFACE ELEV.: **NA** TOTAL DEPTH: **15'**
 ADDRESS: **975 Rochester Rd, Rochester Hills, MI** WATER DEPTH: **5'** CASING EL.: **NA**
 JOB NO. **Incident # 98998040** BOREHOLE DIA.: **8"** WELL DIA.: **2"**

Logged By: **J. Bostek** Drilling Method: **Hand Auger, Direct Push, 4.25" ID HSA**
 Dates Drilled: **11/13/02** Sampling Method: **Continuous**
 Drilling Company: **Fibertec** Soil Class. System: **USCS**
 Drill Rig Type: **66 DT Geoprobe** Field Screening: **PID 10.6 eV Lamp (ppm)**



Depth (feet)	Sample Interval	Field Screen	Blow Counts	Recovery	SAMPLE LITHOLOGY	Stratigraphy	Comments	COMPLETION DETAILS
0					SILTY SAND: Trace organics and debris (wood), fine, moist, black	SILTY SAND		Concrete Flush Mount
2							SM	Bentonite Seal
4					CLAY: Silty, sandy, moist, brown and gray	SILTY, SANDY CLAY	CL	2" PVC Riser
4	Soil sample MW-13 (4-6)' analyzed				SAND: Fine, moist, black and brown	SAND	SW	#5 Sand Pack
6					SILTY SAND: Fine, wet, brown	SILTY SAND	SM	2" Slot 0.010" Screen
8					CLAY: Silty, sandy, moist, brown	SILTY, SANDY CLAY		Well Plug
12					CLAY: Silty, sandy, moist, gray	SILTY, SANDY CLAY	CL	
14	Soil sample MW-13 (12-14)' analyzed							

Location:

Northing/Latitude: **NA**
 Easting/Longitude: **NA**
 Horizontal Datum: **NA**
 Vertical Datum: **NA**

General Comments:

Symbol Key:

Apparent Water Level 
 Lab Sample Location 

Appendix C

Analytical Data Tables



Table I

Historical Dissolved Unleaded Gasoline Parameters Concentrations (ug/L)
 Shell Oil Products US
 Shell Service Station at 975 South Rochester @ Avon, Rochester, Michigan
 WIC # 221-6185-0100

Well Identification	Date Collected	Date Analyzed	COMPOUNDS (ug/L)									
			Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Methylnaphthalene	Naphthalene	
MW-1	05/02/2001	05/10/2001	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-1	04/03/2002	04/16/2002	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
MW-2	05/02/2001	05/10/2001	200	140	170	540	<5	100	33	<5	17	
MW-2	04/03/2002	04/17/2002	2,500	2,300	1,500	6,800	110	1,400	480	50	230	
MW-3	05/02/2001	05/10/2001	50	2	54	5	1	10	<1	<1	2	
MW-3	04/03/2002	04/16/2002	48	1	48	6	4	22	<1	<1	1	
MW-4	05/02/2001	05/10/2001	480	23	750	1,000	<5	31	12	<6	180	
MW-4	04/03/2002	04/16/2002	190	6	100	58	<1	2	2	4	95	
MW-5	05/02/2001	05/10/2001	71	2	8	<1	<1	<1	<1	<1	<1	
MW-5	04/03/2002	04/16/2002	<1	<1	<1	<1	<1	<1	<1	<1	<1	
MW-6	05/02/2001	05/10/2001	3	<1	54	1	4	<1	<1	2	8	
MW-6	04/03/2002	04/16/2002	1	<1	67	2	2	1	<1	2	8	
MW-7	05/02/2001	05/10/2001	<1	<1	<1	<1	<1	<1	<1	<1	<1	
MW-7	04/03/2002	04/16/2002	<1	<1	<1	<1	<1	<1	<1	<1	<1	
MW-8	05/02/2001	05/10/2001	<1	<1	<1	<1	<1	<1	<1	<1	<1	
MW-8	04/03/2002	04/16/2002	<1	<1	<1	<1	<1	<1	<1	<1	<1	
MDEQ Tier 1 Commercial III Volatilization to Indoor Air Inhalation RBSLs ¹			36,000	530,000	170,000	190,000	47,000,000	56,000	61,000	ID	31,000	
MDEQ Tier 1 Commercial III Groundwater Contact RBSLs ¹			11,000	530,000	170,000	190,000	690,000	56,000	61,000	25,000	31,000	

1) MDEQ Tier 1 Risk-Based Screening Levels (RBSLs) Per Operational Memorandum No. 4, Attachment 2, Dated June 2000

ID - Inadequate data to develop RBSL

NA	- Not Analyzed
<1	- Not detected above laboratory method detection limit
2,500	- Contaminant concentration above laboratory method detection limit
NONE	- Contaminant concentration above current MDEQ Tier 1 Commercial III RBSLs

Table II

Adsorbed BTEX, MTBE, Naphthalene, 2-Methylnaphthalene, & TMB (ULG) Concentrations
 Shell Oil Products US
 Shell Service Station at 975 Rochester Road, Rochester, Michigan
 WIC # 221-6983-0100

Page 1 of 1

Parameters	MDEQ Tier I Residential Soil Drinking Water Protection RBSLs ¹ (ug/kg)	MDEQ Tier I Residential Direct Contact RBSLs ¹ (ug/kg)	MDEQ Tier I Residential Soil Groundwater Surface Water Interface Protection RBSLs ¹ (ug/kg)	MDEQ Tier I Soil Saturation Concentrations RBSLs ¹ (ug/kg)	MDEQ Tier I Commercial III Soil Direct Contact RBSLs ¹ (ug/kg)	MDEQ Tier I Commercial III Soil Volatilization to Indoor Air Inhalation RBSLs ¹ (ug/kg)	Sample identification, depth, date collected, date analyzed, concentration (ug/kg)									
							MW-9 2-4'	MW-9 12-14'	MW-10 4-6'	MW-10 12-14'	MW-11 2-4'	MW-11 12-14'	MW-12 4-6'	MW-12 10-12'	MW-13 4-6'	MW-13 12-14'
							11/12/02 11/16/02	11/12/02 11/16/02	11/12/02 11/16/02	11/12/02 11/16/02	11/12/18 11/16/02	11/12/02 11/16/02	11/13/02 11/16/02	11/13/02 11/16/02	11/13/02 11/16/02	11/13/02 11/16/02
Benzene	100	180,000	4,000	400,000	400,000	8,400	<63	<56	<60	<56	<65	<56	<59	<56	<62	<55
Toluene	16,000	250,000	2,800	250,000	250,000	250,000	<63	<56	<60	<56	<65	<56	<59	<56	<62	<55
Ethylbenzene	1,500	140,000	360	140,000	140,000	140,000	<63	<56	<60	<56	<65	<56	<59	<56	<62	<55
Xylenes	5,600	150,000	700	150,000	150,000	150,000	<63	<56	<60	<56	<65	<56	<59	<56	<62	<55
MTBE	800	1,800,000	15,000	59,000,000	5,900,000	5,900,000	<63	<56	<60	<56	<65	<56	<59	<56	<62	<55
Naphthalene	35,000	16,000,000	870	NA	140,000,000	470,000	90	<56	<60	<56	<65	<56	<59	<56	<62	<55
2-Methylnaphthalene	57,000	8,100,000	ID	NA	72,000,000	ID	66	<56	<60	<56	<65	<56	<59	<56	<62	<55
1,2,4-Trimethylbenzene	2,100	110,000	ID	110,000	110,000	110,000	110	<56	<60	<56	<65	<56	<59	<56	<62	<55
1,3,5-Trimethylbenzene	1,800	94,000	ID	94,000	94,000	94,000	<63	<56	<60	<56	<65	<56	<59	<56	<62	<55

NA	- Not Analyzed
<63	- Not detected above laboratory method detection limit indicated
90	- Contaminant concentration above laboratory method detection limit
NONE	- Contaminant concentration exceeds MDEQ Tier 1 Residential RBSLs

1) MDEQ Tier 1 Residential & Commercial III Risk-Based Screening Levels (RBSLs) Per Operational Memorandum No. 4, Attachment 2, Dated June 2000

ID Inadequate data to develop RBSLs

NA Not Applicable





MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
CONFIRMATION / REQUEST FOR DISCLOSURE OF DEQ RECORDS
Under The Freedom Of Information Act

(This information is required under Authority of Act 442, P. A. 1976 as amended in order to request public records information)

ALL INFORMATION MUST BE TYPED OR PRINTED EXCEPT FOR WRITTEN SIGNATURES

Company Name (If Applicable) Or Organization (If Any) PM Environmental, Inc.		Business Phone # Area Code (248) 336-9988
Requester's Name Alex Kozlowski (02-3141-1, 02-3132-1, 02-3138-1, 02-3131-1, 02-3134-1)		Daytime Phone # Area Code (248) 336-9988
Address (Street And Number) 4080 West Eleven Mile Road		Home Phone # Area Code
City Berkley	State MI	Zip Code 48072

I wish to examine receive a copy of the following materials:
 (Provide detailed descriptions of materials being requested and specify number of copies needed of each) (Attach additional sheets if necessary)
 Review all available RRD files associated with

- Safeway Acquisitions Group LLC, 975 S. [REDACTED] Rochester Hills, Oakland Co. (FID 00009055) ✓
- Safeway Acquisitions Group LLC, [REDACTED] Rochester Hills, Oakland Co. (FID 00010453) ✓
- Safeway Acquisitions Group LLC, [REDACTED] Oakland Co. (FID 00010462) - Kim ✓
- Safeway Acquisitions Group LLC, [REDACTED] Oakland Co. (FID 00010441) ✓
- Safeway Acquisitions Group LLC, [REDACTED] Rochester Hills, Oakland Co. (FID 00010468) ✓

Possible copies may be necessary after review of the file.

NO. OF COPIES: Kelly Boyajian
 SET# 163957

*All this box
has not arrived*

I hereby request a waiver or reduction in fees as provided in Section 4(1) of F.O.I.A. because I am indigent or receive public assistance. (Attach proof)

I understand the DEQ may take 10 additional business days, if necessary, to fill my request due to the diverse locations or large volume of the material. I understand that if it is determined that some or all of the materials which I have requested to review or have copied may not be disclosed, I will receive a written denial including the reason for denial and explaining my right to appeal. I also understand that I may be charged with fees associated with this request.

RECEIVED

JUN 20 2012

Signature of Requester (If available) Alex J. Kozlowski Date June 20, 2012

Please submit this completed confirmation / request to:
MICHIGAN DEPARTMENT ENVIRONMENTAL QUALITY
 Remediation and Redevelopment Division
 S. E. Michigan District Office
 27700 Donald Court
 Warren, MI 48092-2793

REMEDATION DIVISION
 SOUTHEAST MICHIGAN DISTRICT OFFICE
 TELEPHONE NO.:
 Email: boyajiank@michigan.gov

If you have any questions regarding this request, please contact:

S. E. Michigan District Office	Unit
DEQ Employee Name	Telephone No. Area Code

Date this request was completed:

FOR DEPARTMENT OF ENVIRONMENTAL QUALITY USE ONLY	
This section to be completed by the DEQ division/office employee fulfilling this request	
Detail of Charges	INDEX
Labor \$ _____	PCA
Labor \$ _____	AGENCY OBJECT 8857
Copying \$ _____	PROJECT
Mailing \$ _____	PHASE
TOTAL \$ _____	

-THIS IS NOT A BILL-
 You will be invoiced separately for any charges listed.

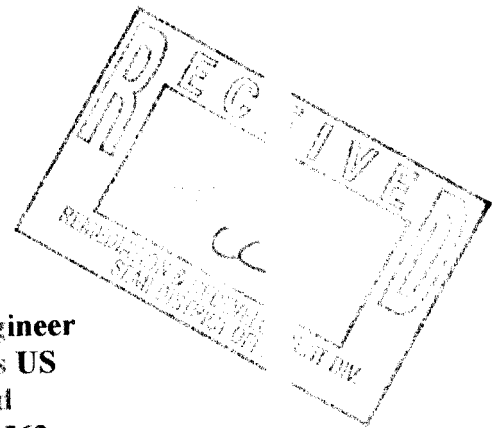
Closure Report

*Former Shell # 138063
975 Rochester Road
Rochester Hills, Michigan 48037
Facility ID # 00009055*

Oakland

Prepared for:

**John Robbins
Environmental Engineer
Shell Oil Products US
603 Diehl Road
Naperville, IL 60563**



Prepared by:

**Groundwater & Environmental Services, Inc.
9436 Maltby Road
Brighton, MI 48116**

August 27, 2004



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY -
 PO BOX 30426, LANSING, MI 48909-7926, Phone 517-373-9837, Fax 517-373-2

DATE ENTERED INTO DATABASE

8-30-04

LEAKING UNDERGROUND STORAGE TANK CLOSURE REPORT

STAFF INITIALS:

AK

INSTRUCTIONS: COMPLETION OF THIS REPORT WITH ALL APPLICABLE INFORMATION IS MANDATORY. The Certified Underground Storage Tank Professional (CP) MUST sign below. Failure to submit this report within the stated time period may result in administrative penalties as provided for in Part 213, Section 21313a of 1994 PA 451, as amended. PLEASE RETURN THIS COMPLETED REPORT AND ASSOCIATED ATTACHMENTS TO THE APPROPRIATE RRD DISTRICT OFFICE. See form eqp4410 for a complete list of RRD district offices.

FACILITY NAME: Former Shell 975 Rochester Rd. # 138063		FACILITY ID NUMBER: 0-00905
STREET ADDRESS: 975 Rochester Rd.		
CITY: Rochester Hills	ZIP: 48037	COUNTY: Oakland
DATE(S) RELEASE DISCOVERED: 04/08/1996 & 04/24/1996	CONFIRMED RELEASE NUMBER(S): C-0214-96 & C-0252-96	
O/O NAME: Shell Oil Products US		
O/O STREET ADDRESS: 603 Diehl Road, Naperville	STATE: IL	ZIP: 60563
CONTACT PERSON: John Robbins	PHONE NUMBER: (630) 276-4206	

ANSWER ALL QUESTIONS (DO NOT LEAVE BLANKS):

1. a. Has the UST been emptied? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If no, explain why): Currently Active		
b. Has the UST system been properly closed? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If no, explain why): Currently Active		
2. Free product present: a. Currently? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If YES, total gallons recovered since last report:		
b. Previously? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If YES, total gallons recovered to date:		
3. Have vapors been identified in any confined spaces (basement, sewers, etc.)? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
4. State the number of homes where drinking water is or was affected as a result of a release from this facility: Zero		
5. Estimated distance and direction from point of release to nearest:		
a. Private well: 150 feet South	b. Municipal well: >1/2 Radial Mile	c. Surface water/wetland: >1/2 Mile North
6. Since last report: a. cubic yards of soil remediated: Zero b. gallons of groundwater remediated: Zero		
7. Totals to date: a. cubic yards of soil remediated: 40 yd³ b. gallons of groundwater remediated: Zero		
8. Michigan RBCA Site Classification (1-4): 4 Previous RBCA Site Classification (1-4): 3		
9. Has contamination migrated off-site above Tier 1 Residential RBSLs <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
If YES, have off-site impacted parties been notified (per Section 21309a(3) of Part 213) <input type="checkbox"/> YES <input type="checkbox"/> NO		
10. Is an institutional control required for contamination that has migrated or will migrate off-site? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
11. MTBE	Has MTBE been detected in any groundwater sample? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Maximum concentration of MTBE found in ground water: 2 ppb.

CERTIFICATION OF REPORT COMPLETION

I, the undersigned CP, hereby attest to the best of my knowledge and belief that the statements in this document and all attachments are true, accurate, and complete. I certify that the report was submitted to the Remediation & Redevelopment Division (RRD) on 8/24/04 (Date submitted **REQUIRED**)

Kirk Pompilius
 CP Original Signature - (REQUIRED)
 PRINT CP's Name
 CP ID: **894**

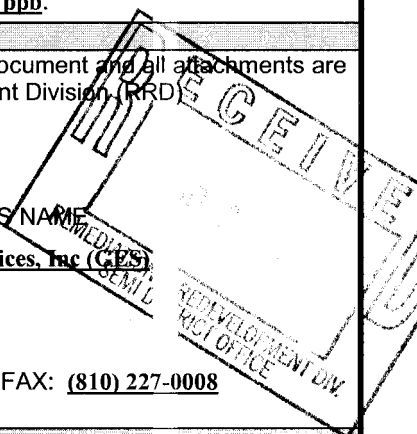
8/24/04
 Date

Jeffrey Berntsen
 PRINT QC PROJECT MANAGER'S NAME
Groundwater & Environmental Services, Inc (GES)
 NAME OF CONSULTING FIRM
 QC ID: **Z0345**

ADDRESS: **9436 Maltby Road, Brighton, MI 48116**

PHONE: **(810) 227-0002**

FAX: **(810) 227-0008**



CERTIFICATION OF CLOSURE

1. Type of RBCA Evaluation: <input checked="" type="checkbox"/> Tier 1 <input type="checkbox"/> Tier 2 <input type="checkbox"/> Tier 3		
2. Closure report based on which type of land use?: <input type="checkbox"/> Residential <input checked="" type="checkbox"/> Commercial III <input type="checkbox"/> Commercial IV <input type="checkbox"/> Industrial		
3. Institutional Controls: <input type="checkbox"/> None <input type="checkbox"/> Notice of Corrective Action <input checked="" type="checkbox"/> Restrictive Covenant <input type="checkbox"/> Other		

I certify under penalty of law that corrective actions associated with the above referenced release at this facility were completed in accordance with Part 213, 1994 PA 451, as amended, and current departmental guidance and procedures available at the time the work was completed. I further certify that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment for knowing violations.

CP Signature - (REQUIRED) *Kirk Pompilius*

Date 8/24/04

Instructions - Utilize the following checklist to ensure that all required information is provided in the Closure Report. Include this checklist as the table of contents. The order in which the information is provided is at your discretion. Each page of the report (including the cover sheet, table of contents, appendices, figures, etc.) should be consecutively numbered. The location column should be completed with the appropriate page number for each item. You may reference previously submitted materials by specifying the location within that document. Maps, tables, figures, etc. should be combined as appropriate.

All information required by Part 213 to be included in the Closure Report **must** be provided, and all sections of the report must be completed. If any items are not applicable to the site, provide a justification regarding the absence of this information in the appropriate section of the report.

If an Initial Assessment Report (IAR) and/or a Final Assessment Report (FAR) have not been submitted for this release, provide all required information from the IAR and/or FAR not included below.

Section	Table of Contents	Page
1.0	<u>PROJECT CHRONOLOGY</u>	
	A. Provide the date and time the confirmed release(s) was/were discovered and reported.	1
	B. Provide the IAR submittal date.	1
	C. Provide the FAR submittal date.	1
	D. Provide dates for any other submittals.	1
2.0	<u>SUMMARY OF CORRECTIVE ACTION ACTIVITIES PERFORMED</u>	
2.1	IMMEDIATE RESPONSE ACTION IMPLEMENTATION	
	If an IAR has not been previously submitted, provide all information requested in Section 1.0 of the IAR	2
2.2	FREE PRODUCT DISCOVERY AND REMOVAL	
	If free product has not been discovered, then proceed to Section 2.3.	
	A. Describe initial response actions performed at this site to address the presence of free product as specified in Sections 21307(2)(c) and (f), and (3)(b) and (c), 21308a(1)(b)(xviii). Refer to the Storage Tank Division Operational Memorandum No. 7, <i>Identification, Reporting, and Recovery of Free Product at LUST Sites</i> .	2
	B. Attach a final RRD Free Product Recovery Status Report (EQP 3850) if not previously submitted.	2
2.3	SITE ASSESSMENT ACTIVITIES	
	A. If an IAR has not been previously submitted, provide all information requested in Section 3.0 of the IAR.	2
	B. If a FAR has not been previously submitted, provide all information requested in Section 2.0 of the FAR.	2
2.4	SITE CLASSIFICATION	
	A. Indicate the current Site Classification Level, in accordance with Storage Tank Division Operational Memorandum No. 5, <i>Leaking Underground Storage Tank (LUST) Site Classification System</i> .	6
	B. Provide a justification for this classification. Identify the current conditions that are the	6

basis of the classification.

- C. Indicate whether the site classification has changed since the submission of the last report.

6

2.5 TIERED EVALUATIONS AND CLEANUP GOALS

- A. Indicate whether a site-specific Tier II or Tier III evaluation has been conducted for this site.

8

- B. If applicable, identify and justify where alternate assumptions or site-specific information were used in place of the default assumptions as defined in the Storage Tank Division Operational Memorandum No. 4, *Tier 1 Lookup Tables for Risk-Based Corrective Action at Leaking Underground Storage Tank (LUST) Sites*.

8

NOTE: If a Tier II evaluation was performed and described in the IAR or the FAR, explicitly indicate where different assumptions or site-specific information were used in this Tier II or Tier III evaluation and why the change was justified.

- C. Provide the calculations and reference citations supporting the development of the relevant Tier II or Tier III SSTLs.

10

- D. Provide a table which compares the maximum remaining contaminant concentrations for each required parameter for all media to the appropriate RBSLs (as provided in the Storage Tank Division Operational Memorandum No. 4), and/or the calculated SSTLs. Identify all applicable land use scenario(s).

Appendix C

2.6 MODELING

Provide all modeling documentation. Refer to the Storage Tank Division Operational Memorandum No. 10 *Presentation of Tier 2 and 3 Groundwater Modeling Evaluations*.

11

2.7 NOTICES AND RESTRICTIONS

If the closure does not require the use of institutional controls to restrict land or resource use, then proceed to Section 2.8.

NOTE: Draft copies of all Restrictive Covenants and Notices of Corrective Action for off-site institutional controls must be submitted to the RRD for approval prior to filing. Refer to Storage Tank Division Operational Memorandum No. 12, *Institutional Controls and Public Notice Requirements and Procedures*.

11

- A. Submit copies of all notices or restrictions which have been filed, and provide proof of filing these notices or restrictions. If the person filing is not the property owner, attach a copy of the written permission for the filing from the property owner.
- B. Identify the individuals or segments of the public which have been provided with notice of the proposed land use restrictions or limitations to be placed on resource use. Include the names and addresses of the affected parties (unless large segments of the public will be provided notice, e.g., users of a municipal water supply system). Include proof that notice was provided to the affected parties.
- C. Provide a map depicting the location(s) of the individuals or segments of the noticed public.

11

11

D. Describe any alternate mechanism utilized to restrict exposure to regulated substances as defined in Section 324.21310a(3), and justify how this mechanism reliably restricts exposure to the regulated substances.	12
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2.8 PERMITS

List all discharge permits and/or permit exemptions that were required for the corrective action, and include the type of permit, permit number, application date, approval date and termination date.	11
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2.9 CORRECTIVE ACTION PLAN

A. Summarize the corrective action activities that resulted in release closure. Include the operating history of any active treatment systems.	12
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B. Summarize the types of monitoring activities performed, including the media and parameters monitored.	12
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C. Attach performance monitoring data.	12
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D. Describe and justify changes to the previously submitted Corrective Action Plan.	12
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E. Provide the total volume of soil remediated, and include disposal location and proof of disposal (e.g., invoices, not load tickets) for all soils excavated subsequent to submittal of the last report, if appropriate.	12
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F. Provide the total volume of groundwater actively remediated to date, and include disposal documentation, if appropriate.	12
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3.0 CLOSURE VERIFICATION SAMPLING

3.1 SOIL CLOSURE VERIFICATION

NOTE: Verification sampling must be conducted whenever contaminated soils are identified but not remediated, including when contaminated soil is returned to an excavation after the removal of a UST.

A. Describe the soil verification sampling strategy applied at the site by providing the following:	
1. A scaled site map which identifies the former extent of the soil contamination, and the soil verification sampling locations relative to existing site features. <i>(Multiple chemical contaminants and multiple sample depths should be addressed on the minimum number of site maps needed to convey the information with clarity and legibility.)</i>	Appendix A

2. For a corrective action involving excavation, a scaled drawing(s) showing the floor and walls of the excavation and the associated sampling locations. The drawing should also depict the subsurface stratigraphy, soil types, fractures, discolored soil locations, adjoining conduits or potential migration pathways, and locations of former and existing UST system components, as appropriate.	Appendix A
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3. A description of how the number and location of samples collected for soil verification purposes was established. If your sampling strategy differs from the	
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MDEQ *Verification of Soil Remediation Guidance Document* and Storage Tank Division Operational Memorandum No. 9, *Groundwater and Soil Closure Verification Guidance*, provide justification.

12

4. A list of the analytical parameters used to verify the soil remediation.
5. A justification if all soil verification samples were not analyzed, preserved, and handled in accordance with the Storage Tank Division Operational Memorandum No. 14 *Analytical Parameters and Methods, Sample Handling, and Preservation for Petroleum Releases*.

12

12

- B.** Provide a table with laboratory data showing the results of all verification soil sampling performed to date for the required parameters. Refer to the Storage Tank Division Operational memorandum No. 14 *Analytical Parameters and Methods, Sample Handling, and Preservation for Petroleum Releases*. The table should include the following:

Appendix B

1. Sample ID
2. Sample depth
3. Date of collection
4. Dates of extraction and analysis
5. Method Detection Limits
6. Analytical method

(NOTE: The RRD may request copies of the laboratory data sheets, chain-of-custody forms, and all available QA/QC information.)

- C.** Provide copies of all soil boring logs not previously submitted.

Appendix C

3.2 GROUNDWATER CLOSURE VERIFICATION

- A.** Describe the groundwater verification sampling strategy applied at the site by providing the following:

13

1. A scaled site map which identifies the former extent of groundwater contamination, the groundwater verification sampling locations relative to existing site features, and the groundwater flow direction(s). *(Multiple chemical contaminants and multiple aquifer/sample depths should be addressed on the minimum number of site maps needed to convey the information with clarity and legibility.)*
2. A description of how the sampling frequency and duration of sampling for groundwater verification purposes was established. If your sampling strategy differs from the Storage Tank Division Operational Memorandum No. 9.
3. A list of the analytical parameters used to verify groundwater closure
4. A justification if all groundwater verification samples were not analyzed, preserved, and handled in accordance with the Storage Tank Division Operational Memorandum No. 14 *Analytical Parameters and Methods, Sample Handling, and Preservation for Petroleum Releases*.

- B.** Provide a table with laboratory data showing the results of all verification groundwater sampling performed to date for the required parameters. Refer to the Storage Tank Division Operational Memorandum No. 14 *Analytical Parameters and Methods, Sample Handling, and Preservation for Petroleum Releases*. The table should include the following:

Appendix B

1. Sample ID
2. Sampling depth or screened interval
3. Date of collection

- 4. Dates of extraction and analysis
- 5. Method Detection Limits
- 6. Analytical method

(NOTE: The RRD may request copies of the laboratory data sheets, chain-of-custody forms, and all available QA/QC information.)

C. Attach copies of the following:

Appendix B

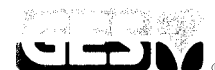
- 1. Boring logs not previously submitted.
- 2. Well construction diagrams not previously submitted.
- 3. Potentiometric surface maps for each groundwater verification sampling event.
- 4. Elevation data (USGS datum preferred), including top-of-casing and grade elevations, and depth to groundwater for each groundwater verification sampling event.

3.3 CLOSURE VERIFICATION FOR OTHER MEDIA

- A. Describe the verification sampling strategy for other media applied at the site.
- B. Provide a scaled site map which identifies the verification sampling locations relative to existing site features and boundaries, if appropriate.
- C. Provide a table with the laboratory data showing the results of all verification sampling performed to date in the other specified environmental media.

	13
	13
	13

(NOTE: The RRD may request copies of the laboratory data sheets, chain-of-custody forms, and all available QA/QC information.)



1.0 PROJECT CHRONOLOGY

Groundwater & Environmental Services, Inc. (GES) was retained by Shell Oil Products US (Shell) to prepare this Tier 1 Commercial III Closure Report to address the two confirmed releases (C-0214-96 & C-0252-96) at the former Shell branded retail gasoline service station located at 975 Rochester Road in Rochester Hills, Oakland County Michigan (site).

1.1 Confirmed Releases

On April 8, 1996, a confirmed waste oil release was reported to the MDEQ following a failed tightness test on the on-site waste oil UST. Later, on April 25, 1996, a confirmed unleaded gasoline release was reported to the MDEQ – Storage Tank Division (STD) following the discovery of hydrocarbon-impacted soils encountered during on-site UST system upgrade and replacement activities.

1.2 Site Description

The site is currently a Shell branded retail gasoline station located at the northeast corner of the intersection of Rochester and Avon Roads in Rochester Hills, Michigan. The site currently operates as a retail gasoline station and is surrounded by commercial properties. The predominant site feature is a masonry brick building located within the northeast corner of the parcel.

The gasoline UST system, located directly south and west of the site building, consists of following components:

- One (1) 10,000-gallon fiberglass-lined steel unleaded gasoline UST;
- One (1) 10,000-gallon fiberglass unleaded gasoline UST;
- One (1) 6,000-gallon steel unleaded gasoline UST;
- Four (4) multi-product dispensers (MPDs) on two (2) islands;
- Rigid fiberglass petroleum product piping supplying the MPDs;
- Tank vent piping; and
- A 1,512 ft² steel canopy over the two islands.

Refer to Appendix A for a site map with prominent site features including the site building and UST system layout.

1.3 Site History and Previous Report Submittals

An Initial Assessment Report (IAR) was submitted to the MDEQ, on Shell's behalf, on July 5, 1996. A FAR was submitted to the MDEQ, on behalf of Shell, on April 8, 1997. Most recently, GES, on behalf of Shell, submitted a Groundwater Monitoring / Site Status Report to the MDEQ on January 23, 2003.



2.0 SUMMARY OF CORRECTIVE ACTIONS PERFORMED

2.1 Immediate Response Activities

Immediate response activities performed on-site addressing the confirmed unleaded gasoline and waste oil releases are discussed in detail in the July 5, 1996, IAR.

2.2 Corrective Actions Performed

Corrective actions performed on-site addressing the confirmed unleaded gasoline and waste oil releases are discussed in detail in the July 5, 1996, IAR. Recently, GES has completed several groundwater monitoring events, installed five (5) monitoring wells, and drafted a Restrictive Covenant and Notices of Corrective Action.

Refer to Appendix C for the restrictions and notices.

2.3 Free Product Discovery and Removal

According to a review of previous site data, no free product has been discovered on-site.

2.4 Site Assessment Activities

2.4.1 *Scaled Site Maps*

Refer to Appendix A, for a scaled site map.

2.4.2 *Site Geology*

Soil conditions documented in previously completed regulatory reports as well as those encountered by GES during the January 2003 monitoring well installation activities consist primarily of coarse, sand-based fill material extending from directly beneath the surface pavement to approximately 4-feet below surface grade (BSG), underlain by silty firm clay to approximately 15-feet BSG. The maximum explored depth on-site is approximately 16-feet BSG.

Refer to the March 4, 2003, FAR, Appendix A, for cross section diagrams and Appendix B, for boring log diagrams.

2.4.3 *Evaluation of Horizontal and Vertical Delineation of Soil*

To accurately determine the current horizontal and vertical extent of hydrocarbon distribution on-site, GES evaluated laboratory analytical data generated from on- and off-site soil and groundwater samples, as presented in previously submitted reports. Additionally, GES also evaluated recent data generated for the soil and groundwater samples collected in 2002 and 2003. Moreover, to further evaluate complete

delineation, GES conducted a direct comparative analysis between the laboratory data and the Tier 1 Residential and Commercial Risk Based Screening Levels (RBSLs) per MDEQ Operational Memorandum No. 4, Revision 5, dated June 2000. Refer to Appendix B for analytical data tables developed to present the soil and groundwater data generated for samples collected by GES in 2002 and 2003.

For the purposes of this report, GES evaluated the current horizontal and vertical distribution of hydrocarbons, both on- and off-site, using those data generated from the 10 soil and 9 groundwater samples collected from borings installed under the direct supervision of GES in November 2002 and January 2003, respectively. These samples were analyzed for MDEQ Unleaded Gasoline (ULG) parameters by GC/MS, Method SW8260B. This analysis targets the following compounds:

- Benzene, toluene, ethylbenzene, and xylenes (BTEX);
- Methyl tertiary-butyl ether (MTBE);
- 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene (TMBs);
- Naphthalene; and
- 2-Methylnaphthalene.

Review of the laboratory analytical data summaries prepared for these samples reveals complete vertical delineation has been achieved, as all hydrocarbon concentrations detected in soil samples collected deeper than 12-feet BSG do not exceed the applicable MDEQ Tier 1 Residential RBSLs. Refer to the following Section 2.6 Tiered Evaluation and Cleanup Goals for a discussion of the selection and determination of applicable screening levels.

Further review also reveals complete horizontal on-site delineation has been achieved based on an evaluation of the analytical data obtained from soil samples collected from MW-5, MW-9, MW-10, MW-12, and MW-13. According to this evaluation, detected hydrocarbon concentrations do not exceed the applicable Residential RBSLs.

Furthermore, those concentrations detected in soil samples collected from locations in close proximity to adjoining utility corridors and corresponding property boundaries do not exceed the Tier 1 Residential RBSLs, also per the above mentioned MDEQ Operational Memorandum Number 4.

2.4.4 *Groundwater Conditions and Characteristics*

GES assumed environmental consulting services at the site in January 2001. Upon review of the historical site data, GES recognized consistently elevated dissolved phase concentrations detected in groundwater samples collected from MW-2, MW-3, MW-4, and MW-5 as compared to other data obtained from other on-site monitoring wells. Furthermore, previous site investigations also indicated a southern groundwater flow direction. Consequently, in May 2001 and April 2002, GES



sampled all existing on-site monitoring wells to evaluate current groundwater conditions on-site, particularly those well locations in close proximity to the southern property boundary. Review of the groundwater analytical data indicated that dissolved concentrations at MW-2, MW-3, and MW-4 remained elevated above the Tier 1 Residential Drinking Water and Groundwater / Surface Water Interface RBSLs. Therefore, on November 12, 2002, GES supervised the installation and construction of five (5) monitoring wells, designated MW-9, MW-10, MW-11, MW-12, and MW-13 to delineate those concentrations detected along the southern property boundary.

Specifically, the following monitoring wells were installed in the following locations to serve the following purposes:

- MW-9 and MW-10 were installed on-site to confirm eastern and western delineation of concentrations detected in MW-2, MW-3, MW-4, and MW-5;
- MW-10 and MW-11 were installed along the southern property boundary and within the northern Avon Road right-of-way, respectively, to evaluate contaminant migration into and along the public utility corridor located therein; and
- MW-12 and MW-13 were installed within Avon Road's southern right-of-way to confirm the southern delineation of concentrations detected in MW-4 and MW-5.

On January 22, 2003, GES sampled MW-2, MW-3, MW-4, MW-5, MW-9, MW-10, MW-11, MW-12, and MW-13. A detailed review of the laboratory analytical data generated from groundwater samples collected from these locations indicates that complete southern, eastern, and western delineation was achieved as hydrocarbon concentrations in groundwater samples collected from MW-10, MW-11, MW-12, and MW-13 do not exceed the MDL. Furthermore, on February 20, 2003, GES surveyed and gauged on- and off-site monitoring wells and confirmed a south / southeast groundwater flow direction.

Refer to Appendix A for a site map. Refer to Appendix B for updated soil and groundwater analytical data tables. Refer to the March 4, 2003 FAR, Appendix B, for soil boring and monitoring well diagrams.

To evaluate groundwater conditions on-site, GES reviewed information provided in the 1997 FAR, prepared on behalf of Shell by Enecotech Midwest, Inc., addressing the 1996 confirmed releases. In addition, GES also reviewed current data obtained from the recently installed monitoring wells MW-9 through MW-13. Based on historical site information as presented in the 1997 FAR, the following groundwater characteristics were determined:



- Hydraulic Conductivity: 1×10^{-6} cm/sec
- Lateral Hydraulic Gradient: 0.02 ft/ft
- Effective Flow Rate: 0.1 ft/yr
- Predominant Saturated Soil Type: Silty sand
- Effective Porosity: $0.15 \text{ cm}^3 \text{ void/cm}^3 \text{ soil}$

Review of the well construction diagrams prepared for all previously and recently constructed on-site monitoring wells indicates each well was properly completed with properly screened intervals based upon the documented soil conditions encountered at those specific locations, as presented in the diagram.

Refer to the March 4, 2003, FAR for soil boring and monitoring well logs.

According to elevation data obtained from MW-3, MW-4, MW-5, MW-9, MW-10, MW-11, MW-12, and MW-13 in February 2003, GES has determined on-site groundwater flows in a southeastern direction.

Based on a review of available site information, including previously submitted reports, regional water well records, and field observations made during the recent monitoring well installation activities, **GES considers on-site groundwater to be laterally extensive, but not in communication with the deeper, potable zones identified in regional water well records.** The following characteristics aid in justification:

- A review of regional water well records indicates that a continuous confining clay layer underlay the general vicinity from approximately 9 to 70-feet BSG. The groundwater encountered on-site is not likely to be in direct communication with a deeper aquifer; and
- Regional drinking water wells are constructed with screen intervals ranging between 120 and 147-feet BSG. GES has no indication that these water wells are producing potable supplies from the shallow, impacted groundwater zone on-site.

According to the MDEQ Drinking Water and Radiological Protection Division, the site is not located within a current wellhead protection zone. Municipal water supplies the site. Finally, according to the Oakland County Health Department personnel, no crotch wells are located in the site's vicinity.

Based on these characteristics, on-site groundwater is considered to be perched, non-communicative with the deeper water bearing strata, and cannot be considered a potable groundwater pathway as defined by MDEQ Part 213 Operational Memorandum No. 11.

Refer to the March 4, 2003 FAR, Appendix C, for regional water well logs.



2.5 Site Classification

The previous site classification was Class 4, per the 1997 FAR, completed by Enecotech, on behalf of Shell. However, given current site conditions, GES considers the site to fulfill the Class 3 requirements per the draft Operational Memorandum No. 5, dated 07/10/95, and revised 08/28/2002, as drafted.

Therefore, site conditions do not demonstrate a long-term threat to human health, safety, or sensitive environmental receptors.

Refer to the previous Section 2.4.4 *Groundwater Conditions and Characteristics* for a detailed discussion of on-site groundwater.

2.6 Tiered Evaluation and Cleanup Goals

2.6.1 *Transport Mechanisms Evaluation/Elimination – Soil and Groundwater*

GES evaluated potential transport mechanisms and exposure pathways to identify potential hydrocarbon migration pathways that may present a potential risk to a receptor. The following Exhibit A summarizes this evaluation.

Refer to the following page 7.



**Exhibit A
Potential Sources, Transport Mechanisms, and Exposure Pathways**

Impacted Surface Soil (<2 feet depth)

Transport Mechanisms	Exposure Pathways	Applies to Site	Complete Pathway
Direct Contact	Soil, Dermal Contact/Ingestion/Absorption	NO ^{1,2}	NO ^{1,2}
Wind Atmospheric Dispersion	Soil Ingestion/Absorption	NO ^{1,2}	NO ^{1,2}
Volatilization and Atmospheric Dispersion	Inhalation	NO ¹	NO ¹
Volatilization and Enclosed-Space Accumulation			
Leaching and Groundwater Transport	Ingestion/Use	NO ^{1,3}	NO ^{1,3}

Impacted Subsurface Soil (>2 feet depth)

Transport Mechanisms	Exposure Pathways	Applies to Site	Complete Pathway
Volatilization and Atmospheric Dispersion	Inhalation	YES ⁴	NO ⁴
Volatilization and Enclosed-Space Accumulation			
Leaching and Groundwater Transport	Ingestion/Use	NO ³	NO ⁴
Utility Worker	Direct Contact	YES ⁴	NO ⁴

Dissolved Groundwater Plume

Transport Mechanisms	Exposure Pathways	Applies to Site	Complete Pathway
Volatilization and Atmospheric Dispersion	Inhalation	NO ³	NO ³
Volatilization and Enclosed-Space Accumulation			
Utility Worker	Direct Contact	NO ³	NO ³
Groundwater Exposure	Ingestion	YES ³	NO ³

Free-Phase Liquid Plume

Transport Mechanisms	Exposure Pathways	Applies to Site	Complete Pathway
Volatilization and Atmospheric Dispersion	Inhalation	NO ⁵	NO ⁵
Volatilization and Enclosed-Space Accumulation			
Leaching and Groundwater Transport	Ingestion/Use	NO ^{3,5}	NO ^{3,5}
Mobile Free-Phase Liquid Migration	Direct Contact	NO ⁵	NO ⁵

Groundwater – Surface Water Interface

Transport Mechanisms	Exposure Pathways	Applies to Site	Complete Pathway
Volatilization and Atmospheric Dispersion	Inhalation	NO ³	NO ³
Volatilization and Enclosed-Space Accumulation			
Direct Contact with Surface Water/Perched Groundwater Transport	Recreational/Direct Contact/Ingestion	NO ^{3,6}	NO ^{3,6}

- 1) All site soils covered with bituminous and/or concrete pavement. Restrictive Covenant will provide specific requirements for compliance.
- 2) Absence of stockpiled or uncovered impacted soils on-site.
- 3) Detected groundwater concentrations exceed the Tier 1 Drinking Water RBSLs but do not exceed the Tier 1 Volatilization to Indoor Air or Groundwater Contact RBSLs.
- 4) Detected concentrations exceed the Tier 1 Residential Soil Volatilization to Indoor Air and Direct Contact RBSLs.
- 5) No free product has been encountered on-site.
- 6) The nearest surface water source is greater than 1/2 radial mile from the site.



2.6.2 Tier 1 Analysis – Soil

For the purposes of this report, GES conducted a Tier 1 analysis of on-site adsorbed hydrocarbon concentrations detected in soil samples collected from the recently completed MW-9, MW-10, MW-11, MW-12, and MW-13. These soil samples were analyzed for the presence of the following compounds:

- BTEX;
- MTBE;
- Naphthalene;
- 2-Methylnaphthalene; and
- TMBs.

Furthermore, refer to the information presented in the April 8, 1997, FAR completed on behalf of Shell by Enecotech, for details concerning evaluations of previously collected samples during historical investigative activities.

As presented in the previous Exhibit A, GES identified the following two soil exposure pathways and used them to select the appropriate RBSLs:

1. Volatilization to Indoor Air
2. Direct Contact with Soil

According to the City of Rochester Hills Planning and Zoning Department, the property is currently zoned B-3 Auto Service. The site is also currently surrounded by commercial properties. However, given the close proximity of previously detected elevated hydrocarbon concentrations to the southern property boundary, GES evaluated those hydrocarbon concentrations detected in soil samples collected from MW-9, MW-10, MW-11, MW-12, and MW-13 using the Residential Drinking Water Protection and Groundwater / Surface Water Interface Protection RBSLs per the MDEQ Part 213 Operational Memorandum No. 4, Attachment 2, Revision 5, dated June 2000. Furthermore, information presented in the April 8, 1997, FAR indicates that those concentrations detected in previously collected on-site soil samples did not exceed the Residential RBSLs.

Review of the analytical data summaries generated for the soil samples collected from MW-9, MW-10, MW-11, MW-12, and MW-13 indicate that only naphthalene, 2-methylnaphthalene, and 1,2,4 trimethylbenzene concentrations were detected in excess of the laboratory method detection limit (MDL) at MW-9. GES then compared these detected concentrations to the applicable Tier 1 Residential Drinking Water Protection and GSI Protection RBSLs. Furthermore, a review of hydrocarbon concentrations detected in samples collected during previous investigations reveals concentrations exceeding the applicable Tier 1 Residential and Commercial III RBSLs. However, the properly filed Restrictive Covenant provides for the complete excavation and proper disposal; of soils impacted by these concentrations and

likewise, eliminates the potential exposure pathway associated with those concentrations. Additionally, lead, cadmium and chromium concentrations detected in on-site soil samples exceeding the statewide background levels do not exceed the applicable Tier 1 Commercial II RBSLs.

Refer to Appendix C for the Restrictive Covenant and the specific provisions detailed therein.

Based on this comparative analysis detected hydrocarbon concentrations do not exceed the applicable Tier 1 Commercial III RBSL.

Refer to Appendix A for a Site Map. Refer to the April 8, 1997, FAR for a historical soil sample location map. Refer to Appendix B for soil analytical data tables.

2.6.4 Tier 1 Analysis – Groundwater

GES conducted a Tier 1 analysis of on-site dissolved hydrocarbon concentrations detected in groundwater samples collected from MW-2, MW-3, MW-4, MW-5, MW-9, MW-10, MW-11, MW-12, and MW-13. These groundwater samples were analyzed for the presence of the following compounds:

- BTEX;
- MTBE;
- Naphthalene;
- 2-Methylnaphthalene; and
- TMBs.

Refer to Appendix A for a site map with monitoring well locations and groundwater monitoring maps. Refer to Appendix B for groundwater analytical data tables.

As presented in the previous Exhibit A, GES identified the following two groundwater exposure pathways and used them to select the appropriate RBSLs:

1. Volatilization to Indoor Air
2. Direct Contact with Groundwater

Given the close proximity of previously detected elevated hydrocarbon concentrations to the southern property boundary, GES evaluated those hydrocarbon concentrations detected in groundwater samples collected from MW-2, MW-3, MW-4, MW-5, MW-9, MW-10, MW-11, MW-12, and MW-13 using the Residential Drinking Water and Groundwater / Surface Water Interface RBSLs per the MDEQ Part 213 Operational Memorandum No. 4, Attachment 2, Revision 5, dated June 2000.



Review of the laboratory analytical data summaries generated for on-site groundwater samples collected on March 11, 2004, revealed dissolved BTEX, MTBE, naphthalene, 2-methylnaphthalene, and TMBs concentrations exceeding the laboratory method detection limit (MDL) in groundwater samples collected from MW-2, MW-3, and MW-4. GES then compared these detected concentrations to the Tier 1 Residential RBSLs.

Hydrocarbon concentrations detected in samples collected from MW-2, MW-3, and MW-4 exceed the Residential Drinking Water and Groundwater / Surface Water Interface RBSLs per the MDEQ Part 213 Operational Memorandum No. 4, Attachment 2, Revision 5, dated June 2000. However, these concentrations do not exceed the applicable Commercial III Volatilization to Indoor and Groundwater Contact RBSLs. Moreover, samples collected from down gradient MW-11, MW-12, and MW-13 do not exceed the MDL.

Based on this direct comparative analysis, dissolved hydrocarbon concentrations detected in on-site groundwater samples do not exceed the applicable Tier 1 Commercial III RBSLs.

2.6.5 Tier 2 Evaluation - Soil

A Tier 2 analysis of on-site soil conditions is not necessary, as detected adsorbed hydrocarbon concentration do not exceed the applicable Tier 1 Residential RBSLs.

2.6.6 Tier 2 Evaluation - Groundwater

A Tier 2 analysis of on-site soil conditions is not necessary, as detected dissolved hydrocarbon concentration do not exceed the applicable Tier 1 RBSLs.

2.6.7 Utility Corridor Evaluation

Public utility corridors are located within the eastern right-of-way of Rochester Road, along the western property boundary and within the northern right-of-way of Avon Road, along the southern property boundary.

Municipal water enters the property at the western property boundary from Rochester Road near the northwest property corner, into the western building wall, nearest the northwest building corner. Gas utilities enter the site at the southern property boundary from Avon Road near the southeast property corner, into the northern building wall, nearer the northwest building corner. The sanitary sewer enters the site at the western property boundary from Rochester Road near the northwest property corner, into the western building wall, nearest the northwest building corner. The overhead electric utility enters the site from a pole located along the northern property boundary near the northeast corner of the property.



The following table summarizes these recognized utility corridors:

Utility	Relative Utility Locations	Approximate Depth in Feet Below Surface Grade
Water	From the eastern Rochester Road right-of-way at western property boundary into western building wall	5-feet
Gas	From the northern right-of-way of Avon Road at southern property boundary into northern building wall	4.5-feet
Electric	Overhead from the north property boundary	NA
Sanitary Sewer	From the eastern Rochester Road right-of-way at western property boundary into western building wall	5-feet

Refer to Appendix A, for a Site Map with utility locations and the corresponding depths thereof.

Furthermore, the sanitary sewer, identified under Avon Road, is likely not impacted by hydrocarbons originating on-site as all recognized utility corridors within both the northern and southern Avon Road rights-of-way have not been impacted or have been proven to not be a migratory pathway.

2.7 Modeling

No modeling was necessary to demonstrate closure.

2.8 Notices and Restrictions

A properly executed Restrictive Covenant, following the deed in perpetuity, has been filed with the Oakland County Register of Deeds. Furthermore, a Notice to Local Units of Government of Land Use Restrictions has been delivered to and received by both the City of Rochester Hills and the Oakland County Health Department.

Refer to Appendix C for copies of the filed Restrictive Covenant, Notices to Local Units of Government of Land Use Restrictions, and the corresponding proof of delivery thereof.

2.9 Permits

No discharge permits or permit exemptions are necessary to obtain closure.



2.10 Corrective Action

Corrective Action measures performed in response to the gasoline release consist of the following:

- To date, approximately 40 yd³ of hydrocarbon impacted soil has been excavated and hauled off-site for proper disposal (refer to the 07/05/1996 IAR for specific information);
- Periodic groundwater sampling demonstrates that completely delineated dissolved hydrocarbons remain below the applicable MDEQ-RRD RBSLs;
- A properly executed Restrictive Covenant filed with the Oakland County Register of Deeds eliminates applicable human exposure routes to detected adsorbed and dissolved hydrocarbons via specific restrictions following the deed in perpetuity; and
- Avon Road serves to eliminate human exposure to dissolved hydrocarbon concentrations as confirmed by a conversation with the Road Commission of Oakland County Programming Department indicating that plans to move or alter the location of that public roadway do not exist

Refer to Appendix D for a statement of confirmation from the Road Commission of Oakland County Programming Department concerning Avon Road.

3.0 CLOSURE VERIFICATION SAMPLING

3.1 Soil Closure Verification

For the purposes of this report, GES assumes that soil samples collected by previous environmental consultants were collected in general accordance with prevailing MDEQ-RRD requirements and current industry standards.

GES personnel field screened soil samples collected continuously from the ground surface to the terminal depth of each boring. Representative samples were collected at two feet intervals for evaluation using a photo ionization detector (PID), properly calibrated with 100 ppm isobutylene gas, to determine the extent of hydrocarbon impact to subsurface soils as indicated by the highest PID measurement. GES personnel selected the sample exhibiting PID indication of hydrocarbon impact. Where no PID indication was apparent, a sample was collected from the observed vadose zone, immediately above the documented static water level at each boring location. Finally, GES personnel also collected a sample from the terminal depth of each boring to verify vertical delineation. Select soil samples were split into separated portions with one being sealed and placed in an iced cooler pending final selection for submittal and the other being placed into disposable plastic bags to evaluate headspace concentrations for the presence of volatile organic compound (VOC) concentrations using the



PID. Soil samples selected for final laboratory analysis were collected from the sample portion stored in the sealed iced cooler, field preserved with methanol per U.S. Environmental Protection Agency (EPA) SW-846 Method 5035, and immediately returned to the cooler pending laboratory submittal via over night courier to Southern Petroleum Labs (SPL), in Traverse City, Michigan. All samples were relinquished to SPL under Chain-of-Custody for MDEQ ULG Parameters.

*Review of the laboratory analytical data summary reports generated for these soil samples reveals that hydrocarbon concentrations **DO NOT** exceed the applicable MDEQ Part 213 Tier 1 Residential or Commercial III RBSLs.*

3.2 Closure Verification for Groundwater

GES personnel collected representative groundwater samples from on- and off-site monitoring wells to verify that detectable dissolved hydrocarbon concentrations do not exceed the applicable MDEQ-RRD RBSLs and remain delineated. Groundwater samples were collected in general accordance with STD Operational Memorandum No. 14 Analytical Parameters and Methods, Sample Handling, and Preservation for Petroleum Releases. For the purposes of this report, GES assumes that groundwater samples collected during previous investigations, conducted by other consultants, were preserved and handled in general accordance with the same. Furthermore, it is also assumed that these groundwater samples were analyzed for BTEX and MTBE per applicable MDEQ guidance at the time of collection and analysis.

*Review of the laboratory analytical data reveals that dissolved hydrocarbon concentrations detected above the MDL **DO NOT** exceed the applicable MDEQ Part 213 Tier 1 Residential or Commercial III RBSLs.*

3.3 Closure Verification for Other Media

Sampling of other media such as air, surface water, sediments, and biota was not necessary to demonstrate and obtain closure.



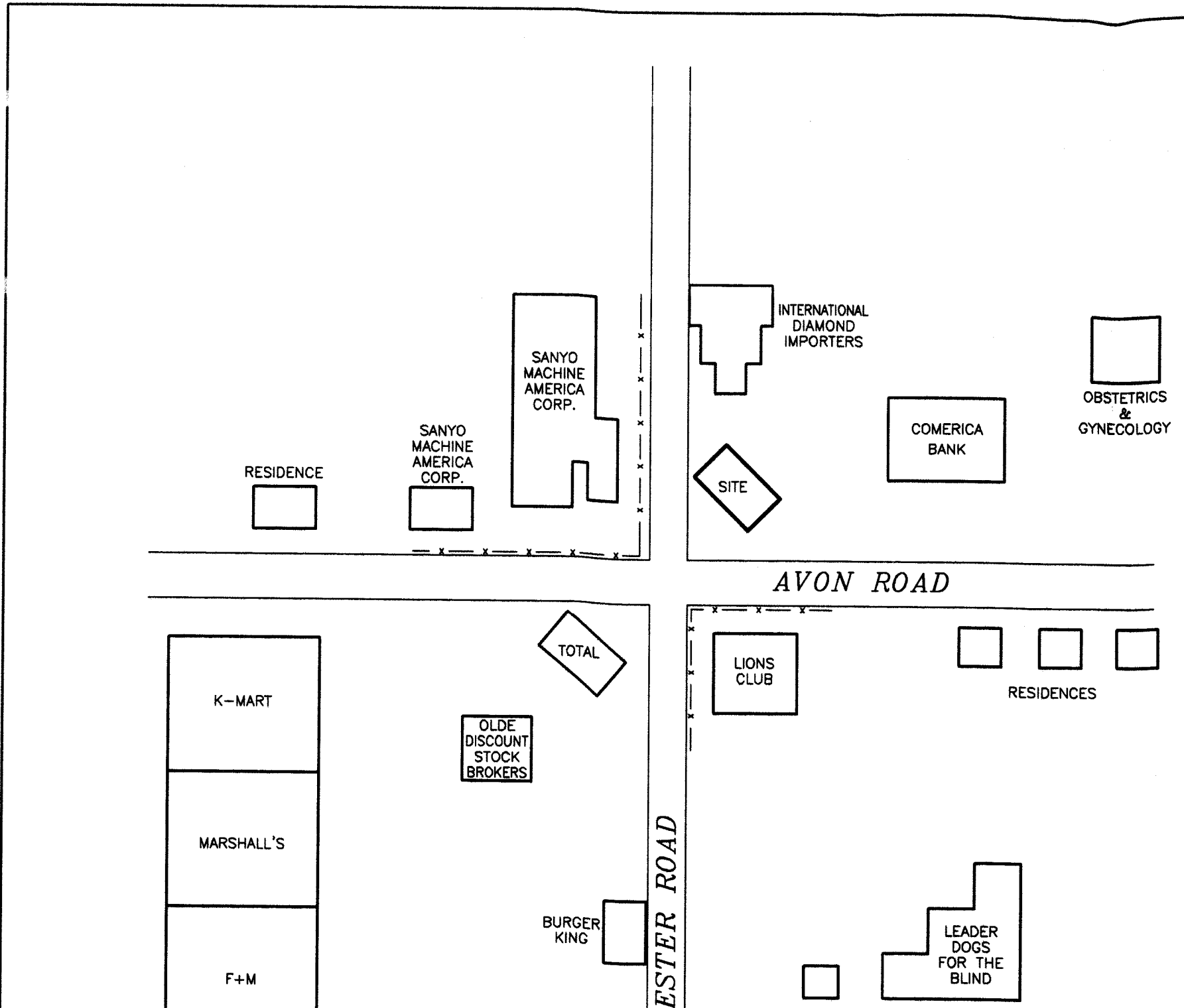
4.0 CONCLUSION

Based on current site conditions, evaluation and elimination of non-pertinent exposure pathways, and completion of a direct comparative analysis between laboratory analytical data and the MDEQ Part 213 Tier 1 Residential and Commercial III RBSLs, GES has determined that current site conditions adequately fulfill all Tier 1 Commercial III Closure requirements based on the following justifications:

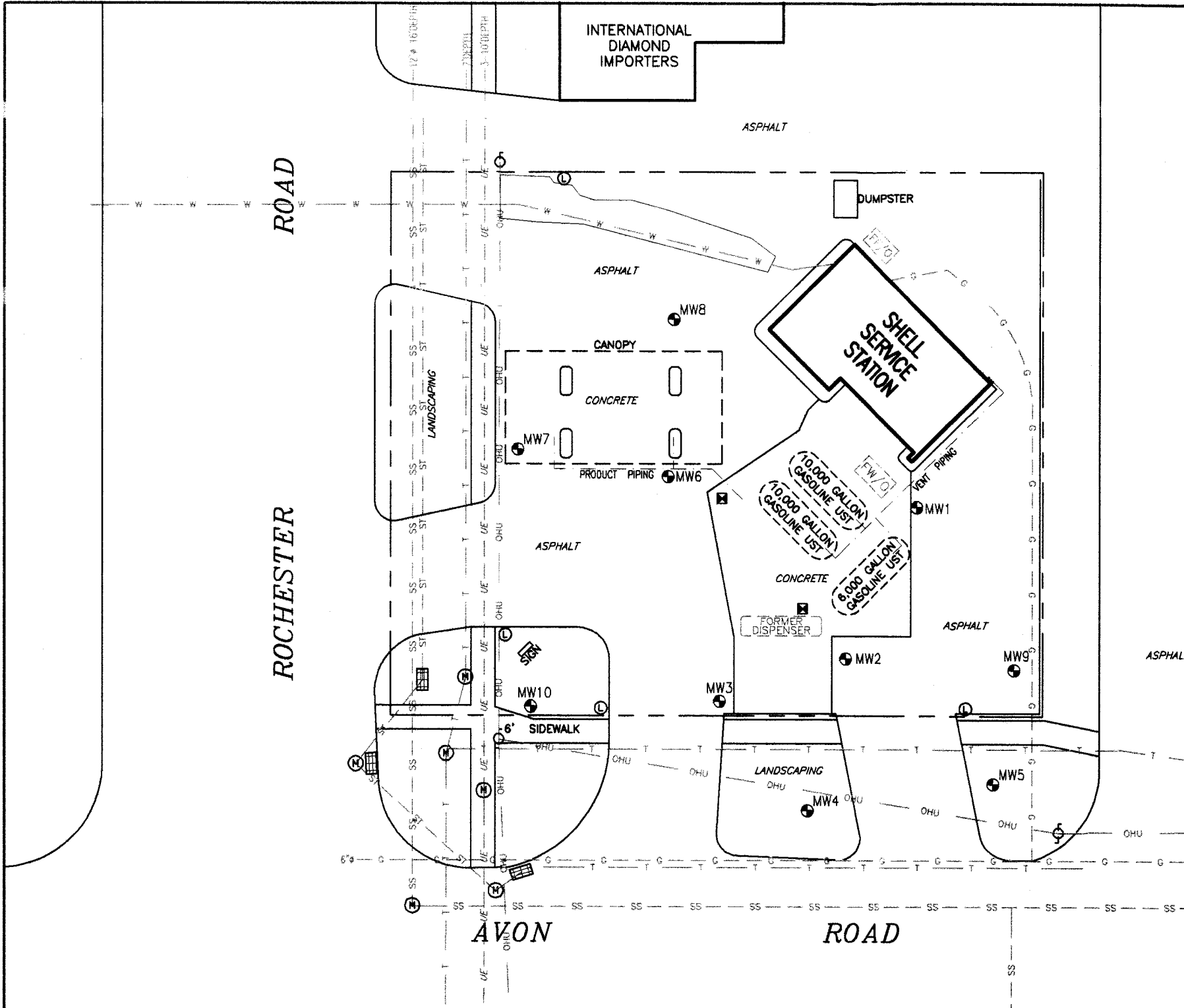
1. Based on a review of available site information, including previously submitted reports, regional water well records, and field observations made during the recent monitoring well installation activities, GES considers on-site groundwater to be laterally extensive, but not in communication with the deeper, potable zones identified in regional water well records;
2. Based on a detailed evaluation of on-site utilities, hydrocarbons have not migrated off-site via these pathways;
3. A properly executed Restrictive Covenant, filed with the Oakland County Register of Deeds, eliminates applicable human exposure pathways by preventing any Residential and Commercial I or II land use development as well as prohibiting the use of on-site groundwater;
4. Adsorbed hydrocarbon concentrations detected on-site do not exceed the applicable MDEQ Part 213 Tier 1 Commercial III RBSLs;
5. Dissolved hydrocarbon concentrations do not exceed the applicable MDEQ Part 213 Tier 1 Commercial III RBSLs;
6. Dissolved hydrocarbon concentrations detected in samples collected from monitoring wells along the southern property boundary exceeding the MDEQ Part 213 Tier 1 Drinking Water and Groundwater Surface Water RBSLs are completely delineated within a limited area directly surrounding the northern edge of Avon Road. The Road Commission of Oakland County Program Department has no plans to move or otherwise alter the location of Avon Road, and thus serves as an adequate engineering control mechanism.

Therefore, GES recommends a **TIER 1 COMMERCIAL III CLOSURE** with no further on-site activity.

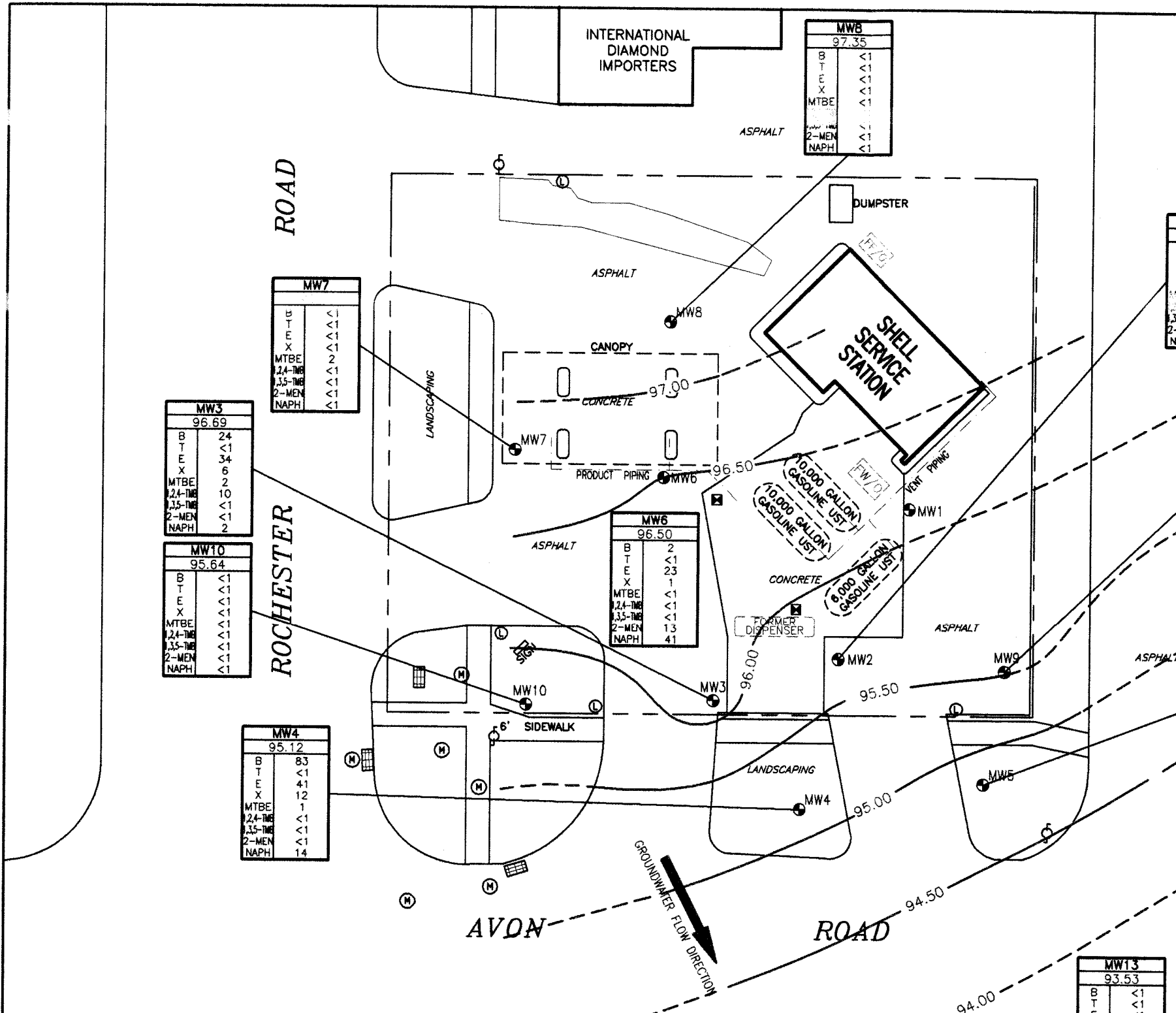
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6983-0100 Rochester Hills 6983-0100 rochester hills SM.dwg, 04/06/2004 03:25:57 PM, T.Michaelidis, Tabloid, 1:30, GES



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MW8	
97.35	
B	<1
T	<1
E	<1
X	<1
MTBE	<1
2,4-TM	<1
2-MEN	<1
NAPH	<1

MW7	
	<1
B	<1
T	<1
E	<1
X	<1
MTBE	2
2,4-TM	<1
2,3,5-TM	<1
2-MEN	<1
NAPH	<1

MW3	
96.69	
B	24
T	34
E	8
X	2
MTBE	10
2,4-TM	<1
2,3,5-TM	<1
2-MEN	<1
NAPH	2

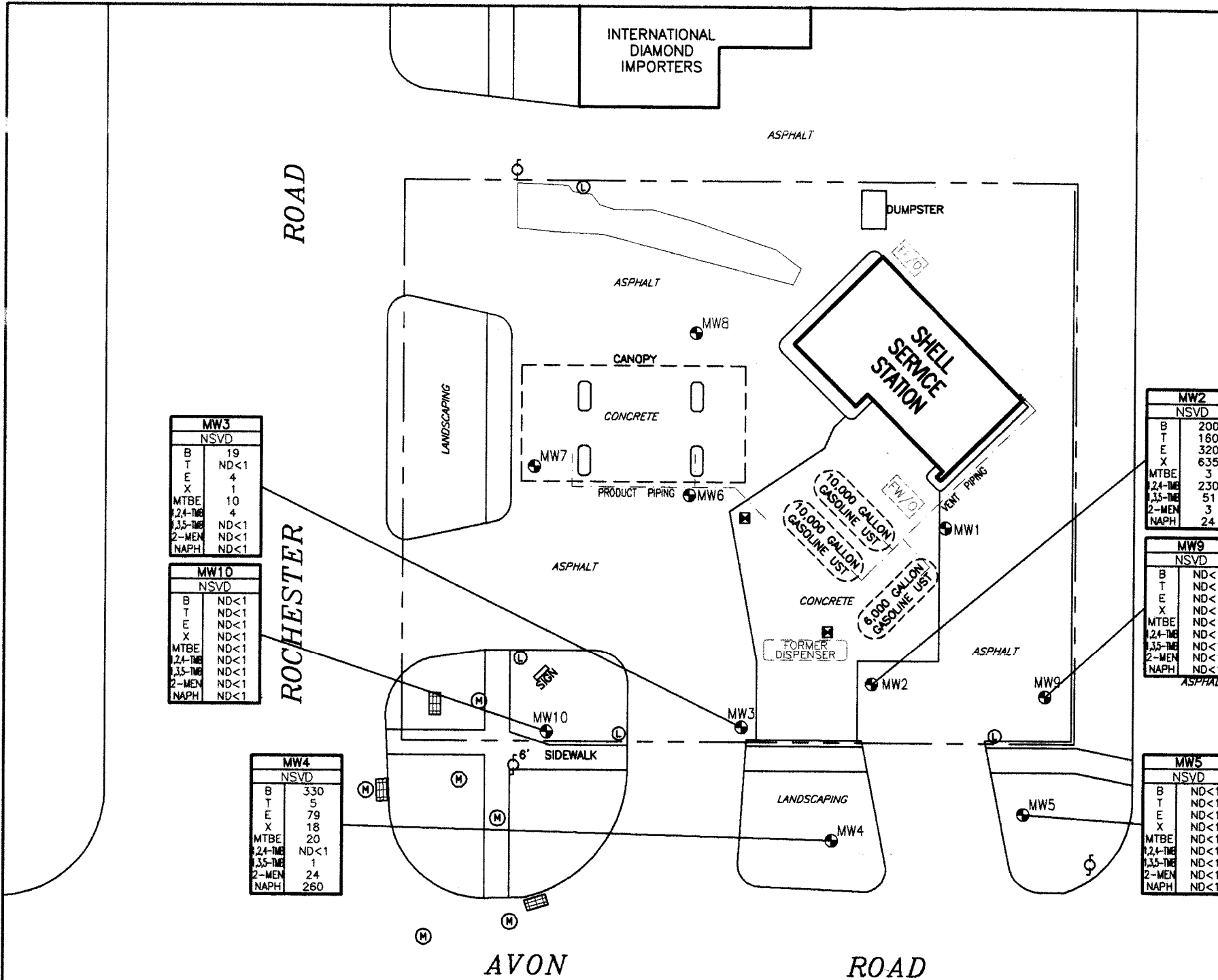
MW10	
95.64	
B	<1
T	<1
E	<1
X	<1
MTBE	<1
2,4-TM	<1
2,3,5-TM	<1
2-MEN	<1
NAPH	<1

MW6	
96.50	
B	2
T	<1
E	23
X	1
MTBE	<1
2,4-TM	<1
2,3,5-TM	<1
2-MEN	13
NAPH	41

MW4	
95.12	
B	83
T	<1
E	41
X	12
MTBE	1
2,4-TM	<1
2,3,5-TM	<1
2-MEN	<1
NAPH	14

MW13	
93.53	
B	<1
T	<1

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MW3	
NSVD	
B	19
T	ND<1
E	4
X	1
MTBE	10
1,2,4-TM	4
1,3,5-TM	ND<1
2-MEN	ND<1
NAPH	ND<1

MW10	
NSVD	
B	ND<1
T	ND<1
E	ND<1
X	ND<1
MTBE	ND<1
1,2,4-TM	ND<1
1,3,5-TM	ND<1
2-MEN	ND<1
NAPH	ND<1

MW4	
NSVD	
B	330
T	5
E	79
X	18
MTBE	20
1,2,4-TM	ND<1
1,3,5-TM	1
2-MEN	24
NAPH	260

MW2	
NSVD	
B	200
T	180
E	320
X	635
MTBE	3
1,2,4-TM	230
1,3,5-TM	51
2-MEN	3
NAPH	24

MW9	
NSVD	
B	ND<1
T	ND<1
E	ND<1
X	ND<1
MTBE	ND<1
1,2,4-TM	ND<1
1,3,5-TM	ND<1
2-MEN	ND<1
NAPH	ND<1

MW5	
NSVD	
B	ND<1
T	ND<1
E	ND<1
X	ND<1
MTBE	ND<1
1,2,4-TM	ND<1
1,3,5-TM	ND<1
2-MEN	ND<1
NAPH	ND<1

MW12	
NSVD	
B	ND<1
T	ND<1
E	ND<1

MW13	
NSVD	
B	ND<1
T	ND<1
F	ND<1

SOIL ADSORBED CONCENTRATIONS (ug/kg)

Shell Oil Products US
Former Shell Station
975 Rochester Road
Rochester Hills, MI
SAP# 138063

PARAMETERS	MDEQ Residential "Drinking Water Protection" ¹	MDEQ Residential "Groundwater Surface Water Interface Protection" ¹	MDEQ Commercial III "Soil Volatilization to Indoor Air Inhalation" ¹	MDEQ Commercial III "Direct Contact" ¹	sample ID, depth, date sampled, date analyzed										
					BS-1 ² 8'	BS-2 ² 8'	NSW ² 4'	SSW ² 4'	ESW ² 4'	WSW ² 4'	S-1 2.5'	S-2 2.5'	S-3 2'	S-4 2'	PH-1 4-6'
					4/15/1996 4/27/1996	4/15/1996 4/28/1996	4/15/1996 4/27/1996	4/15/1996 4/27/1996	4/15/1996 4/27/1996	4/15/1996 4/27/1996	4/18/1996 4/24/1996	4/18/1996 4/24/1996	4/18/1996 4/24/1996	4/18/1996 4/23/1996	10/17/1996 10/29/1996
Constituents of Concern															
BTEX & MTBE															
Benzene	100	4,000	8,400	400,000	<5	<5	<5	<5	<5	<5	8,700	14,000	28,000	<5	<5
Ethylbenzene	1,500	360	140,000	140,000	<5	<5	<5	<5	<5	<5	42,000	150,000	71,000	<5	<5
Methyl-tert-butyl ether	800	15,000	5,900,000	5,900,000	NA	NA	NA	NA	NA	NA	7,700	4,000	15,000	11	6
Toluene	16,000	2,800	250,000	250,000	<5	<5	<5	<5	<5	<5	20,000	32,000	47,000	<5	<5
Xylenes	5,600	700	150,000	150,000	<5	<5	<5	<5	<5	<5	173,000	510,000	320,000	<5	<5
VOLATILES															
Methylene chloride	100	19,000	240,000	2,300,000	6B	4B	8B	5B	4B	6B	NA	NA	NA	NA	NA
Tetrachloroethylene	100	900	60,000	88,000	NA	NA	NA	NA	1	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	2,100	570	110,000	110,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	1,800	1,100	94,000	94,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
INORGANICS															
Total Cadmium	6,000	NC	NLV	2,100,000	140	90	80	190	210	60	NA	NA	NA	NA	NA
Chromium (VI)	30,000	3,300	NLV	10,000,000	17,800	16,400	50,300	50,300	47,300	39,400	NA	NA	NA	NA	NA
Lead	700,000	NC	NLV	400,000	4,570	4,850	5,500	15,400	31,600	5,110	NA	NA	NA	NA	NA
PNAAs															
Benzo(a)anthracene	NLL	NLL	NLV	160,000	<230	<230	<230	320	<240	<230	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	NLL	NLL	ID	160,000	<230	<230	<230	320	<240	<230	NA	NA	NA	NA	NA
Benzo(a)pyrene	NLL	NLL	NLV	16,000	<230	<230	<230	360	<240	<230	NA	NA	NA	NA	NA
Fluoranthene	730,000	5,500	1,000,000,000	240,000,000	<230	<230	<230	550	270	<230	NA	NA	NA	NA	NA
Fluorene	390,000	5,300	1,000,000,000	120,000,000	<230	<230	<230	4,100	1,300	470	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	NLL	NLL	NLV	160,000	<230	<230	<230	290	<240	<230	NA	NA	NA	NA	NA
2-Methylnaphthalene	57,000	ID	ID	37,000,000	<230	<230	<230	<240	<240	<230	NA	NA	NA	NA	NA
Naphthalene	35,000	870	470,000	72,000,000	<230	<230	<230	<240	<240	<230	NA	NA	NA	NA	NA
Pyrene	480,000	ID	1,000,000,000	150,000,000	<230	<230	<230	500	250	<230	NA	NA	NA	NA	NA

NC: No criteria

ID: Chemical has either not been evaluated or inadequate data precludes the development of Criteria

NLV: Not Likely to Volatilize under most conditions

NA	Not analyzed
<5	Not detected above laboratory detection limit
6	Above laboratory detection limit
5,500	Above applicable RBSLs

1) RBSLs referenced from Part 201, Generic Residential and Commercial Tier 1 RBSLs, Operational Memorandum No. 18, dated December 21, 2002, as amended, and adopted by reference for Part 213, Operational Memorandum No. 4.

2) Samples analyzed for PNAAs, PCBs, and halogenated hydrocarbons. All are non-detect except for those listed on the above table.



SOIL ADSORBED CONCENTRATIONS (ug/kg)

Shell Oil Products US
Former Shell Station
975 Rochester Road
Rochester Hills, MI
SAP# 138063

PARAMETERS	MDEQ Residential "Drinking Water Protection" ¹	MDEQ Residential "Groundwater Surface Water Interface Protection" ¹	MDEQ Commercial III "Soil Volatilization to Indoor Air Inhalation" ¹	MDEQ Commercial III "Direct Contact" ¹	sample ID, depth, date sampled, date analyzed											
					PH-2 2-4'	PH-3 2-4'	PH-3 10-12'	PH-4 2-4'	PH-4 10-12'	PH-5 2-4'	PH-5 10-12'	PH-6 2-4'	PH-6 10-12'	PH-7 2-4'	PH-7 10-12'	
					10/17/1996 10/28/1996	10/18/1996 10/29/1996	10/18/1996 10/29/1996	10/17/1996 10/29/1996	10/17/1996 10/29/1996	10/18/1996 10/26/1996	10/18/1996 10/26/1996	10/18/1996 10/29/1996	10/18/1996 10/28/1996	10/18/1996 10/26/1996	10/18/1996 10/28/1996	
Constituents of Concern																
BTEX & MTBE																
Benzene	100	4,000	8,400	400,000	25,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Ethylbenzene	1,500	360	140,000	140,000	85,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Methyl-tert-butyl ether	800	15,000	5,900,000	5,900,000	18,000	<5	<5	5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	16,000	2,800	250,000	250,000	160,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Xylenes	5,600	700	150,000	150,000	420,000	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
VOLATILES																
Methylene chloride	100	19,000	240,000	2,300,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	100	900	60,000	88,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	2,100	570	110,000	110,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	1,800	1,100	94,000	94,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
INORGANICS																
Total Cadmium	6,000	NC	NLV	2,100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium (VI)	30,000	3,300	NLV	10,000,000	NA	NA	NA	15,200	NA	NA	NA	20,900	NA	44,700	NA	NA
Lead	700,000	NC	NLV	400,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PNAs																
Benzo(a)anthracene	NLL	NLL	NLV	160,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	NLL	NLL	ID	160,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	NLL	NLL	NLV	16,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	730,000	5,500	1,000,000,000	240,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	390,000	5,300	1,000,000,000	120,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	NLL	NLL	NLV	160,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	57,000	ID	ID	37,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	35,000	870	470,600	72,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	480,000	ID	1,000,000,000	150,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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ID: Chemical has either not been evaluated or inadequate data precludes the development of Criteria

NLV: Not Likely to Volatilize under most conditions

NA	Not analyzed
<5	Not detected above laboratory detection limit
6	Above laboratory detection limit
3,500	Above applicable RBSLs

¹ RBSLs referenced from Part 201, Generic Residential and Commercial Tier 1 RBSLs, Operational Memorandum No. 18, dated December 21, 2002, as amended, and adopted by reference for Part 213, Operational Memorandum No. 4.

² Samples analyzed for PNAs, PCBs, and halogenated hydrocarbons. All are non-detect except for those listed on the above table.

SOIL ADSORBED CONCENTRATIONS (ug/kg)

Shell Oil Products US
Former Shell Station
975 Rochester Road
Rochester Hills, MI
SAP# 138063

PARAMETERS	MDEQ Residential "Drinking Water Protection" ¹	MDEQ Residential "Groundwater Surface Water Interface Protection" ¹	MDEQ Commercial III "Soil Volatilization to Indoor Air Inhalation" ¹	MDEQ Commercial III "Direct Contact" ¹	sample ID, depth, date sampled, date analyzed											
					PH-8 2-4'	PH-9 4-6'	PH-9 10-12'	PH-10 2-4'	PH-10 10-12'	PH-11 2-4'	PH-12 2-4'	MW-3 2-4'	MW-3 8-10'	MW-8 2-4'	MW-8 10-12'	
					10/17/1996 10/29/1996	10/17/1996 10/29/1996	10/17/1996 10/29/1996	10/17/1996 10/29/1996	10/17/1996 10/26/1996	10/17/1996 10/29/1996	10/17/1996 10/29/1996	12/4/1996 12/17/1996	12/4/1996 12/15/1996	12/4/1996 12/15/1996	12/4/1996 12/15/1996	
Constituents of Concern																
BTEX & MTBE																
Benzene	100	4,000	8,400	400,000	27	7	8	<5	<5	6	18	71	5	5	<5	
Ethylbenzene	1,500	360	140,000	140,000	150	<5	<5	<5	<5	<5	<5	490	<5	<5	<5	
Methyl-tert-butyl ether	800	15,000	5,900,000	5,900,000	30	13	10	<5	7	5	21	90	<5	<5	<5	
Toluene	16,000	2,800	250,000	250,000	<5	<5	6	<5	<5	7	<5	8	<5	<5	<5	
Xylenes	5,600	700	150,000	150,000	134	<5	<5	<5	<5	15	<5	209	<5	<5	<5	
VOLATILES																
Methylene chloride	100	19,000	240,000	2,300,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Tetrachloroethylene	100	900	60,000	88,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	2,100	570	110,000	110,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,3,5-Trimethylbenzene	1,800	1,100	94,000	94,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
INORGANICS																
Total Cadmium	6,000	NC	NLV	2,100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chromium (VI)	30,000	3,300	NLV	10,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Lead	700,000	NC	NLV	400,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PNA's																
Benzo(a)anthracene	NLL	NLL	NLV	160,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	NLL	NLL	ID	160,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	NLL	NLL	NLV	16,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Fluoranthene	730,000	5,500	1,000,000,000	240,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Fluorene	390,000	5,300	1,000,000,000	120,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	NLL	NLL	NLV	160,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
2-Methylnaphthalene	57,000	ID	ID	37,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Naphthalene	35,000	870	470,000	72,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Pyrene	480,000	ID	1,000,000,000	150,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

NC: No criteria

ID: Chemical has either not been evaluated or inadequate data precludes the development of Criteria

NLV: Not Likely to Volatilize under most conditions

NA	Not analyzed
<5	Not detected above laboratory detection limit
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1) RBSLs referenced from Part 201, Generic Residential and Commercial Tier 1 RBSLs, Operational Memorandum No. 18, dated December 21, 2002, as amended, and adopted by reference for Part 213, Operational Memorandum No. 4.

2) Samples analyzed for PNA's, PCBs, and halogenated hydrocarbons. All are non-detect except for those listed on the above table.



SOIL ADSORBED CONCENTRATIONS (ug/kg)

Shell Oil Products US
Former Shell Station
975 Rochester Road
Rochester Hills, MI
SAP# 138063

PARAMETERS	MDEQ Residential "Drinking Water Protection" ¹	MDEQ Residential "Groundwater Surface Water Interface Protection" ¹	MDEQ Commercial III "Soil Volatilization to Indoor Air Inhalation" ¹	MDEQ Commercial III "Direct Contact" ¹	sample ID, depth, date sampled, date analyzed									
					MW-9 2-4'	MW-9 12-14'	MW-10 4-6'	MW-10 12-14'	MW-11 2-4'	MW-11 12-14'	MW-12 4-6'	MW-12 10-12'	MW-13 4-6'	MW-13 12-14'
					11/12/02 11/16/02	11/12/02 11/16/02	11/12/02 11/16/02	11/12/02 11/16/02	11/12/18 11/16/02	11/12/02 11/16/02	11/13/02 11/16/02	11/13/02 11/16/02	11/13/02 11/16/02	11/13/02 11/16/02
Constituents of Concern														
BTEX & MTBE														
Benzene	100	4,000	8,400	400,000	<63	<56	<60	<56	<65	<56	<59	<56	<62	<55
Ethylbenzene	1,500	360	140,000	140,000	<63	<56	<60	<56	<65	<56	<59	<56	<62	<55
Methyl-tert-butyl ether	800	15,000	5,900,000	5,900,000	<63	<56	<60	<56	<65	<56	<59	<56	<62	<55
Toluene	16,000	2,800	250,000	250,000	<63	<56	<60	<56	<65	<56	<59	<56	<62	<55
Xylenes	5,600	700	150,000	150,000	<63	<56	<60	<56	<65	<56	<59	<56	<62	<55
VOLATILES														
Methylene chloride	100	19,000	240,000	2,300,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethylene	100	900	60,000	88,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	2,100	570	110,000	110,000	110	<56	<60	<56	<65	<56	<59	<56	<62	<55
1,3,5-Trimethylbenzene	1,800	1,100	94,000	94,000	<63	<56	<60	<56	<65	<56	<59	<56	<62	<55
INORGANICS														
Total Cadmium	6,000	NC	NLV	2,100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium (VI)	30,000	3,300	NLV	10,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	700,000	NC	NLV	400,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PNAs														
Benzo(a)anthracene	NLL	NLL	NLV	160,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	NLL	NLL	ID	160,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	NLL	NLL	NLV	16,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	730,000	5,500	1,000,000,000	240,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	390,000	5,500	1,000,000,000	120,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	NLL	NLL	NLV	160,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	57,000	ID	ID	37,000,000	66	<56	<60	<56	<65	<56	<59	<56	<62	<55
Naphthalene	35,000	870	470,000	72,000,000	90	<56	<60	<56	<65	<56	<59	<56	<62	<55
Pyrene	480,000	ID	1,000,000,000	150,000,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NC: No criteria

ID: Chemical has either not been evaluated or inadequate data precludes the development of Criteria

NLV: Not Likely to Volatilize under most conditions

NA	Not analyzed
<5	Not detected above laboratory detection limit
6	Above laboratory detection limit
3,500	Above applicable RBSLs

1) RBSLs referenced from Part 201, Generic Residential and Commercial Tier 1 RBSLs, Operational Memorandum No. 18, dated December 21, 2002, as amended, and adopted by reference for Part 213, Operational Memorandum No. 4.

2) Samples analyzed for PNAs, PCBs, and halogenated hydrocarbons. All are non-detect except for those listed on the above table.



Historical Dissolved Concentrations (ug/L)
 Shell Oil Products US
 975 South Rochester Road @ Avon
 Rochester, MI
 WIC # 221-6185-0100

Monitoring Well	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	1,2,4-Trimethylbenzene (ug/L)	1,3,5-Trimethylbenzene (ug/L)	2-Methylnaphthalene (ug/L)	Acenaphthene (ug/L)	Acenaphthylene (ug/L)	Cadmium (ug/L)	Chromium (ug/L)	Lead, Total (ug/L)
GC					11,000	530,000	170,000	190,000	610,000	31,000	56,000	61,000	25,000	4,200	3,900	190,000	460,000	NA
VIA - Industrial & Comm. II, III, & IV					35,000	530,000	170,000	190,000	47,000,000	31,000	56,000	61,000	NA	4,200	3,900	NA	NA	NA
MW-1	12/09/1996	-	-	-	<1	<1	<1	<1	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/04/1997	-	-	-	<1	<1	<1	<1	1	<5	NA	NA	<5	<5	<5	NA	NA	NA
	08/31/1997	-	-	-	<1	<1	<1	<1	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/02/2001	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-	-
	04/03/2002	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-	-
MW-2	12/09/1996	-	-	-	4,600	12,000	2,900	15,000	230	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/04/1997	-	-	-	3,400	8,600	2,600	11,000	560	2,100	NA	NA	890	440	<100	NA	NA	NA
	08/31/1997	-	-	-	2,200	7,200	2,100	9,800	230	1,100	NA	NA	420	NA	290	NA	NA	NA
	05/02/2001	-	-	-	200	140	170	540	<5	17	100	33	<5	-	-	-	-	-
	04/03/2002	-	-	-	2,500	2,300	1,500	6,800	110	230	1,400	480	50	-	-	-	-	-
	01/22/2003	-	4.65	-	200	160	320	635	3	24	230	51	3	-	-	-	-	-
	03/11/2004	-	1.93	-	1,500	3,500	1,800	5,200	<10	220	1,300	380	72	-	-	-	-	-
MW-3	12/09/1996	-	-	-	110	45	200	570	8	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/04/1997	-	-	-	49	15	82	180	16	37	NA	NA	17	14	<5	NA	NA	NA
	08/31/1997	-	-	-	110	8	54	99	40	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/02/2001	-	-	-	50	2	54	5	1	2	10	<1	<1	-	-	-	-	-
	04/03/2002	-	-	-	48	1	48	6	4	1	22	<1	<1	-	-	-	-	-
	01/22/2003	-	4.59	-	19	<1	4	1	10	<1	4	<1	<1	-	-	-	-	-
03/11/2004	-	0.94	-	24	<1	34	6	2	2	10	<1	<1	-	-	-	-	-	
MW-4	12/09/1996	-	-	-	390	12	18	17	18	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/04/1997	-	-	-	1,000	79	1,300	3,400	65	16	NA	NA	94	74	<5	NA	NA	NA
	08/31/1997	-	-	-	230	2	79	88	20	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/02/2001	-	-	-	480	23	750	1,000	<5	180	31	12	<6	-	-	-	-	-
	04/03/2002	-	-	-	190	6	100	58	<1	95	2	2	4	-	-	-	-	-
	01/22/2003	-	5.24	-	330	5	79	18	20	260	<1	1	24	-	-	-	-	-
	03/11/2004	-	2.67	-	83	<1	41	12	1	14	<1	<1	<1	-	-	-	-	-
MW-5	12/09/1996	-	-	-	22	<1	1	2	8	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/04/1997	-	-	-	25	2	8	<1	4	<5	NA	NA	<5	<5	<5	NA	NA	NA
	08/31/1997	-	-	-	4	<1	<1	<1	8	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/02/2001	-	-	-	71	2	8	<1	<1	<1	<1	<1	<1	-	-	-	-	-
	04/03/2002	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-	-
	01/22/2003	-	3.98	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-	-
	03/11/2004	-	1.20	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-	-
MW-6	12/09/1996	-	-	-	68	<5	970	1,300	9	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/04/1997	-	-	-	45	2	350	220	12	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/02/2001	-	-	-	3	<1	54	1	4	8	<1	<1	2	-	-	-	-	-
	04/03/2002	-	-	-	1	<1	67	2	2	8	1	<1	2	-	-	-	-	-
	03/11/2004	-	2.40	-	2	<1	23	1	<1	41	<1	<1	13	-	-	-	-	-
MW-7	12/09/1996	-	-	-	170	7	260	230	14	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/04/1997	-	-	-	120	2	230	140	10	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/31/1997	-	-	-	<1	<1	<1	<1	5	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/02/2001	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-	-
	04/03/2002	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	-	-	-	-	-
	03/11/2004	-	2.75	-	<1	<1	<1	<1	2	<1	<1	<1	<1	-	-	-	-	-



Historical Dissolved Concentrations (ug/L)
 Shell Oil Products US
 975 South Rochester Road @ Avon
 Rochester, MI
 WIC # 221-6185-0100

Monitoring Well	Date	Top of Casing (ft)	Depth to Water (ft)	CW Elevation (ft)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	Naphthalene (ug/L)	1,2,4-Trimethylbenzene (ug/L)	1,3,5-Trimethylbenzene (ug/L)	2-Methylnaphthalene (ug/L)	Acenaphthene (ug/L)	Acenaphthylene (ug/L)	Cadmium (ug/L)	Chromium (ug/L)	Lead, Total (ug/L)
GC					11,000	530,000	170,000	190,000	610,000	31,000	56,000	61,000	25,000	4,200	3,900	190,000	460,000	NA
VIA - Industrial & Comm. II, III, & IV					35,000	530,000	170,000	190,000	47,000,000	31,000	56,000	61,000	NA	4,200	3,900	NA	NA	NA
MW-8	12/09/1996	-	-	-	<1	<1	<1	<1	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/04/1997	-	-	-	<1	<1	<1	<1	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/02/2001	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA	NA	NA	NA	NA
	04-03-2002	-	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA	NA	NA	NA	NA
	01/22/2003	NS	-	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA	NA	NA	NA	NA
	03/11/2004	NS	2.25	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA	NA	NA	NA	NA
MW-9	01/22/2003	-	4.23	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA	NA	NA	NA	NA
	03/11/2004	-	1.41	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA	NA	NA	NA	NA
MW-10	01/22/2003	-	5.60	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA	NA	NA	NA	NA
	03/11/2004	-	2.98	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA	NA	NA	NA	NA
MW-11	01/22/2003	-	2.26	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA	NA	NA	NA	NA
	03/11/2004	-	0.00	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA	NA	NA	NA	NA
MW-12	01/22/2003	-	4.82	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA	NA	NA	NA	NA
	03/11/2004	-	2.24	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA	NA	NA	NA	NA
MW-13	01/22/2003	-	3.51	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA	NA	NA	NA	NA
	03/11/2004	-	1.00	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	NA	NA	NA	NA	NA
PH-1	10/17/1996	-	-	-	<1	<1	<1	<1	<1	<5	NA	NA	<5	NA	<5	<0.2	<1	<1
PH-2	10/17/1996	-	-	-	5,700	17,000	3,200	16,000	130	16,000	NA	NA	27,000	NA	2,900	<0.2	<1	19
PH-3	10/18/1996	-	-	-	<1	<1	<1	<1	<1	<5	NA	NA	<5	NA	<5	<0.2	<1	<1
PH-4	10/17/1996	-	-	-	<1	<1	<1	<1	<1	<5	NA	NA	<5	NA	<5	<0.2	<1	<1
PH-5	10/18/1996	-	-	-	130	2	140	69	26	NA	NA	NA	NA	NA	NA	NA	NA	NA
PH-6	10/18/1996	-	-	-	<1	<1	<1	<1	<1	NA	NA	NA	NA	NA	NA	NA	NA	NA
PH-7	10/18/1996	-	-	-	<1	<1	<1	<1	<1	710	NA	NA	420	NA	200	<0.2	<1	<1
PH-11	10/17/1996	-	-	-	<1	1	<1	<1	10	NA	NA	NA	NA	NA	NA	NA	NA	NA

- In October 1996, PH-1 (W), PH-2, PH-3 (W), PH-4 (W), and PH-7 (W), were analyzed for PNAs and halogenated hydrocarbons. All are non-detect except those listed on the above table.
 - On 6/4/97, MW-1 through MW-5 and on 8/31/97, MW-2 were analyzed for PNAs. All are non-detect except those listed on the above table.
 <# = Less than the method detection limit of #
 ug/L = Micrograms/liter
 MTBE = Methyl tertiary butyl ether
 NA = Not Available or not analyzed for that specific compound
 NS = Not Sampled



**SUBSURFACE INVESTIGATION REPORT
975 ROCHESTER ROAD
ROCHESTER HILLS, MICHIGAN**

for

**SAFEWAY ACQUISITION, LLC
CANTON, MICHIGAN**

**AKT Peerless Project No. 4500F-2-20
March 31, 2005**

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**SUBSURFACE INVESTIGATION REPORT
975 ROCHESTER ROAD
ROCHESTER HILLS, MICHIGAN
FOR
SAFEWAY ACQUISITION, LLC
CANTON, MICHIGAN**

AKT PEERLESS PROJECT NO. 4500F-2-20

1.0 INTRODUCTION

Safeway Acquisition, LLC retained AKT Peerless Environmental Services (AKT Peerless) to conduct a Phase II Subsurface Investigation at the subject property located at 975 Rochester Road in Rochester Hills, Michigan (subject property). The scope of the subsurface investigation was based on AKT Peerless' Phase I Environmental Assessment (ESA), dated February 22, 2005. See Figure 1 for a topographic site location map. See Figure 2 for a site map of the subject property.

This report documents the field activities, sampling protocols, and laboratory results associated with AKT Peerless' March 9, 2005, subsurface investigation. AKT Peerless' scope of work was based on American Society for Testing and Materials (ASTM) "*Standard Guide for Environmental Site Assessments: Phase II Environmental Site Assessment Process E-1903-97.*" ASTM E-1903-97 provides a framework for employing good commercial and customary practices in conducting a Phase II ESA of a property with recognized environmental conditions. This report was conducted in accordance with the AKT Peerless' Proposal for a Phase II Site Investigation (Proposal Number PF-5922rv1), dated January 21, 2005.

AKT Peerless' Phase II subsurface investigation was performed for the benefit of Safeway Acquisition, and Comerica Bank, both of which may rely on the contents and conclusions of this report.

2.0 PREVIOUS ENVIRONMENTAL INVESTIGATIONS

2.1 SHELL OIL COMPANY ENVIRONMENTAL INVESTIGATIONS

Safeway Acquisition, LLC provided AKT Peerless with several environmental reports pertaining to the subject property. AKT Peerless reviewed the following environmental reports:

- Groundwater and Environmental Services (GES) Inc.'s Phase I ESA, dated June 28, 2002;
- GES' Groundwater Monitoring Site Status Report, dated January 22, 2003; and
- GES' Final Assessment Report (FAR), dated March 4, 2003.

2.2 SUMMARY OF AKT PEERLESS PHASE I ESA

AKT Peerless completed a Phase I ESA of the subject property on February 22, 2005. AKT Peerless identified the following RECs associated with the subject property:

REC 1 The subject property was identified on the registered UST and “open” LUST site databases. The following USTs are registered to the subject property:

Tank ID	Contents	Capacity (gallons)	Tank Material	Installation Date	Status
1	Gasoline	10,000	Asphalt coated or Bare Steel Reinforced Plastic	April 9, 1977	Removed in 1996
2	Gasoline	10,000	Asphalt coated or Bare Steel Lined Interior	April 9, 1977	Current
3	Gasoline	6,000	Asphalt coated or Bare Steel Lined Interior	April 9, 1977	Current
4	Used Oil	1,000	Asphalt coated or Bare Steel	April 9, 1977	Removed in 1996
5	Gasoline	10,000	Double Walled, Fiberglass Reinforced Plastic	May 1, 1996	Currently in use

According to historical information, confirmed releases were reported on April 8, 1996 and April 26, 1996. The releases were reported based on failed tank tightness tests and laboratory results of soil samples collected at dispenser islands during UST upgrade activities. Natural attenuation has been deemed the remedial technology currently in use. Groundwater contamination has been identified onsite and has migrated offsite to the south towards Avon Road. Quarterly sampling of monitoring wells onsite and offsite is planned until institutional controls have been implemented. Upon completion of the institutional controls, GES plans to prepare and submit a Closure Report for the site.

REC 2 Automotive service activities were conducted at the subject property from at least 1970 until the late 1990s. The subject property used a septic system from at least 1970 until 1991. AKT Peerless observed floor drains in the former maintenance garage area during the site inspection. This system presents an environmental concern to the subject property, due to: (1) the use of hazardous chemicals and/or petroleum products associated with automotive maintenance activities, and (2) the potential introduction of hazardous chemicals and/or petroleum products to the septic system via the floor drains.

REC 3 Natural gas service was not connected to the subject property until 1980. Therefore, the subject property would have used an alternative fuel (i.e., coal, electricity, wood, or heating oil) as a source for the buildings heating system between 1970 and 1980. A heating oil UST was reportedly removed from the northwestern corner of the subject building. Specific information (i.e., removal records, verification sampling results, size, location, contents, and construction) regarding this former UST was not available during this assessment.

REC 4 Two in-ground hydraulic hoists were identified on-site. No documentation or analytical results concerning removal activities of the two hoists were available during the completion of AKT Peerless' Phase I ESA. AKT Peerless observed what appeared to be the location of the controls for the hoists, which are typically removed with the hoist system. Therefore, in AKT Peerless' opinion, these hoists represent an environmental concern to the subject property.

REC 5 An oil-water separator was historically utilized on-site. The oil-water separator was identified in the former maintenance garage during AKT Peerless' site inspection.

3.0 SUBSURFACE INVESTIGATION ACTIVITIES

3.1 SCOPE OF ASSESSMENT

On March 9, 2005, AKT Peerless conducted subsurface investigations at the subject property to address the recognized environmental conditions identified in AKT Peerless' Phase I ESA. AKT Peerless' subsurface investigation was consistent with federal and state programs and ASTM standard methods.

To evaluate the recognized environmental conditions identified at the subject property, AKT Peerless (1) conducted a geophysical survey, (2) drilled 7 soil borings; (3) installed 3 temporary monitoring wells; (4) collected 11 soil samples and 3 groundwater samples; and (5) submitted soil and groundwater samples for laboratory analyses. AKT Peerless performed a qualitative analysis of all soil samples collected during drilling and a quantitative analysis (laboratory analysis) of discrete soil and groundwater samples.

Soil and groundwater samples were submitted for laboratory analyses of select parameters including unleaded gasoline parameters¹ and waste oil parameters.² The following table summarizes each recognized environmental condition and the investigation activities and laboratory analyses performed for that recognized environmental condition:

REC #	Environmental Concern	Investigation Activity	Analytical Parameters
REC 1	Current and Historical UST Systems	B-2, B-3, B-4, B-5	Unleaded Gasoline
REC 2	Automotive Maintenance	B-1W, B-6W, B-7W	Waste Oil
REC 3	Former Heating Oil UST	B-7W	Waste Oil
REC 4	Hydraulic Hoists	B-1W, B-6W, B-7W	Waste Oil

¹ Unleaded gasoline parameters consist of benzene, toluene, ethylbenzene, and xylenes (BTEX); trimethylbenzene isomers (TMBs); methyl-tert butyl ether (MTBE); naphthalene; and 2- methylnaphthalene.

² Waste oil parameters consist of benzene, toluene, ethylbenzene, and xylenes (BTEX); trimethylbenzene isomers (TMBs); 1,2-dibromoethane (EDB); 1,2-dichloroethane (DCA); polynuclear aromatics (PNAs); lead; cadmium; chromium; volatile halocarbons (VOCs); and polychlorinated biphenyls (PCBs).

REC #	Environmental Concern	Investigation Activity	Analytical Parameters
REC 5	Oil Water Separator	B-1W, B-6W, B-7W	Waste Oil

See Figure 3 for a site map with soil boring locations.

3.2 GEOPHYSICAL SURVEY

AKT Peerless retained Work Smart, Inc. to conduct a geophysical survey of the subject property using a USRADAR SPR ground penetrating radar unit with a 500 MHz antenna. The geophysical survey did not indicate any anomalies consistent with an underground storage tank. A copy of the geophysical survey report is included as Appendix C.

3.3 SOIL EVALUATION

On March 9, 2005, AKT Peerless retained Stock Drilling (Stock) of Ida, Michigan to drill 7 soil borings at the subject property. AKT Peerless and Stock used a hand-auger to drill the initial five feet, and completed the borings using hydraulic drive/direct-push (Geoprobe®) sampling techniques following the drilling procedures outlined in ASTM publication ASTM D-4700. Stock collected continuous soil samples from the soil borings at four-foot intervals to a maximum depth of 14-feet below ground surface (bgs). See Figure 3 for a site map with soil boring locations.

3.3 GROUNDWATER EVALUATION

During drilling activities, AKT Peerless encountered groundwater in all seven soil borings (B-1 through B-7) drilled at the subject property. Groundwater was encountered in two water-bearing formations at approximate depths of 3.5 feet and 5.5 feet below ground surface. AKT Peerless instructed Stock to install temporary wells in three of these soil borings. See Figure 4 for a site map with temporary well locations.

3.4 LABORATORY ANALYSES AND METHODS

AKT Peerless submitted 11 soil samples and 3 groundwater samples for laboratory analyses. The following table summarizes the soil samples submitted for laboratory analyses:

Soil Boring	Sample Depth	Unleaded Gasoline Parameters	Waste Oil
B-1	2-3		✓
	Water		✓
B-2	3-4	✓	
	10-12	✓	
B-3	3-4	✓	
	10-12	✓	
B-4	3-4	✓	
	10-12	✓	
B-5	3-4	✓	
	10-12	✓	
B-6	3-4		✓
	Water		✓
B-7	3-4		✓
	Water		✓

The laboratory analyzed the samples for (1) unleaded gasoline parameters in accordance with USEPA Method 5035/8260 and (2) waste oil parameters in accordance with USEPA Method 5035/8260/8270/8082/6020.

4.0 LOCAL GEOLOGY AND HYDROGEOLOGY

4.1 LOCAL GEOLOGY

During drilling activities, AKT Peerless encountered:

- ASPHALT and CONCRETE from the ground surface to approximately six inches below ground surface.
- SAND from six inches below the ground surface to approximately 3.5 to 4.5 feet below ground surface.
- CLAY from beneath the sand layer to approximately 5 to 6 feet below ground surface.
- SAND and SILT from beneath the clay layer to approximately 7 to 11 feet below ground surface.
- CLAY from beneath the sand layer to approximately 12 to 14 feet below ground surface (the extent of the soil borings).

The subsurface soil at the property is consistent with the description of lacustrine sand and gravel as described in the *Quaternary Geology of Southern Michigan*. See Appendix A for AKT

Peerless' soil boring logs. The soil contamination appears to be primarily in the shallow sandy soil deposit located within the top five feet below ground surface.

4.2 LOCAL HYDROGEOLOGY

During drilling activities, AKT Peerless encountered groundwater in all seven soil borings drilled at the subject property. Groundwater was encountered in two water-bearing formations at approximate depths of 3.5 feet and 5.5 feet below ground surface. Based on AKT Peerless' field observations and previous reports completed by GES, the saturated thickness of the sandy and silty layers is approximately 0.5 feet to 5 feet.

5.0 ANALYTICAL RESULTS

5.1 RELEVANT CRITERIA

For the purpose of evaluating the subject property in regard to determining facility status, the analytical results are compared to the Part 201 Generic Residential Cleanup Criteria and Screening Levels. A specific evaluation of each exposure pathway was not completed as part of this evaluation, therefore it is assumed that all pathways are applicable. In addition, according to MDEQ *Operational Memorandum #1, December 10, 2004*, the subject property is categorized as Commercial III, therefore, these criteria were used to evaluate the subject property in terms of due care and Part 213 Closure options.

5.2 SOIL ANALYTICAL RESULTS

AKT Peerless submitted 11 soil samples for laboratory analyses of select parameters including unleaded gasoline parameters and waste oil parameters. Based on the laboratory analyses, the following table summarizes the contaminants that exceed the Part 201 Generic Cleanup Criteria and the Part 213 Tier 1 Risk-based Screening Levels (RBSLs).

Soil Contaminants that Exceed Tier 1 Risk-Based Screening Levels

Parameter	Drinking Water	Groundwater Surface Water Interface	Indoor Air Inhalation	Ambient Air Inhalation	Direct Contact	Soil Saturation
Benzene	✓	✓	✓			
Toluene	✓	✓	✓		✓	✓
Ethylbenzene	✓	✓	✓		✓	✓
Xylenes	✓	✓	✓		✓	✓
1,2,4-TMB	✓	✓	✓		✓	✓
1,3,5-TMB	✓	✓	✓		✓	✓
Naphthalene		✓				
n-Propylbenzene	✓					
Chromium (total)		✓				

✓ Indicates the contaminant exceeds this Tier 1 RBSL

See Table 1 for a summary of the soil analytical results. See Figure 3 for a site map with soil boring locations.

5.3 GROUNDWATER ANALYTICAL RESULTS

AKT Peerless submitted 3 groundwater samples for laboratory analyses of select parameters including waste oil parameters. Based on the laboratory analyses, the following table summarizes the contaminants that exceed the Part 201 Generic Cleanup Criteria and the Part 213 Tier 1 Risk-based Screening Levels (RBSLs).

Groundwater Contaminants that Exceed Tier 1 Risk-Based Screening Levels

Parameter	Drinking Water	Groundwater Surface Water	Indoor Air Inhalation	Groundwater Contact
Cadmium	✓			
Chromium	✓	✓		
Lead	✓			

✓ Indicates the contaminant exceeds this Tier 1 RBSL

See Figure 3 for a site map with temporary well locations. See Table 2 for groundwater analytical results.

6.0 EXTENT AND MIGRATION OF CONTAMINATION

6.1 APPROXIMATE EXTENT OF SOIL CONTAMINATION

Based on a review of the reports listed in Section 2.1.1, the extent and potential migration of soil contamination is listed below.

Area of Soil Contamination

The greatest concentration of contamination is located to the south of the former dispenser island. The extent of contamination is not defined to the south towards the Avon Road Right of Way.

Description of Local Geology in Relation to Soil Contamination

Based on a review of the listed reports, the subsurface soils appear to consist of the following:

- ASPHALT and CONCRETE from the ground surface to approximately six inches below ground surface.
- SAND from six inches below the ground surface to approximately 3.5 to 4.5 feet below ground surface.
- CLAY from beneath the sand layer to approximately 5 to 6 feet below ground surface.
- SAND and SILT from beneath the clay layer to approximately 7 to 11 feet below ground surface.
- CLAY from beneath the sand layer to approximately 12 to 14 feet below ground surface (the extent of the soil borings).

The soil contamination appears to be primarily in the sand formation from just below the ground surface to an approximate depth of 4.5 feet.

Potential for Off-site Migration

Soil contamination appears to have migrated from the former gasoline dispensers to the south towards the Avon Road Right of Way. The extent of contamination is not defined. Therefore, the potential for off-site migration can not be ruled out based on existing data. Refer to Figure 4 for a map depicting the approximate extent of the soil contamination.

6.2 APPROXIMATE EXTENT OF GROUNDWATER CONTAMINATION

Based on a review of the reports listed in Section 2.1.1, the extent and potential migration of groundwater contamination is listed below.

Area of Groundwater Contamination

The greatest concentration of contamination is located near the former gasoline dispensers. The extent of groundwater contamination has not been defined to the north, east, and southwest. Groundwater flow direction is to the southeast. Based on the analytical results of the groundwater samples collected from monitoring wells MW-11, MW-12 and MW-13 contaminated groundwater has migrated into the Avon Road right-of-way. However, it appears that this contamination has not reached the southern or eastern adjoining properties.

Potential for Free Product

Free product was not identified during any of the investigations.

Description of Local Geology in Relation to Groundwater Contamination

Based on a review of the listed reports, the subsurface soils appear to consist of the following:

- ASPHALT and CONCRETE from the ground surface to approximately six inches below ground surface.
- SAND from six inches below the ground surface to approximately 3.5 to 4.5 feet below ground surface.
- CLAY from beneath the sand layer to approximately 5 to 6 feet below ground surface.
- SAND and SILT from beneath the clay layer to approximately 7 to 11 feet below ground surface.
- CLAY from beneath the sand layer to approximately 12 to 14 feet below ground surface (the extent of the soil borings).

Groundwater beneath the subject property appears to be perched and not part of a usable aquifer.

Potential for Off-site Migration

Based on the analytical results, contaminated groundwater has migrated into the Avon Road right-of-way. However, it appears that this contamination has not reached the southern or eastern adjoining properties. Refer to Figure 5 for a map depicting the approximate extent of groundwater contamination.

7.0 CONCLUSIONS AND RECOMMENDATIONS

7.1 CONCLUSIONS

AKT Peerless completed a Phase I ESA of the subject property on February 22, 2005. This Phase I ESA identified the following RECs associated with the subject property:

- REC 1 Open LUST site.
- REC 2 Historical automotive service.
- REC 3 Possible presence of a heating oil UST behind the building.
- REC 4 Two in-ground hydraulic hoists.
- REC 5 Former presence of an oil-water separator.

AKT Peerless conducted a subsurface investigation to evaluate these RECs. AKT Peerless investigation included (1) the installation of seven soil borings, (2) the collection of soil and groundwater samples from the soil borings and (3) a geophysical survey northwest of the subject building. AKT Peerless submitted the samples for select parameters including VOCs, PNAs, PCBs, cadmium, chromium, lead, and MDEQ Unleaded Gasoline Parameters. The following sections present a summary of the investigation performed to evaluate each REC.

AKT Peerless retained Work Smart, Inc. to conduct a geophysical survey of the subject property using a USRADAR SPR ground penetrating radar unit with a 500 MHz antenna. The geophysical survey did not indicate any anomalies consistent with an underground storage tank.

REC 1

Soil borings B-2, B-3, B-4 and B-5 were installed to further evaluate REC 1. Six soil samples were collected from the soil borings for laboratory analyses for MDEQ Unleaded Gasoline Parameters. The laboratory analytical results indicated the presence of BTEX; 1,2,4-TMB; 1,3,5-TMB, naphthalene; and N-Propylbenzene in soil sample B-4 (2-3') above MDEQ Generic Commercial III Drinking Water Protection, Direct Contact, and GSI Criterion. Soil sample B-4 (10-12') vertically delineated the extent of this soil contamination. Therefore, the thickness of contamination appears to be approximately 2 meters. The analytical results of B-4 (2-3') did not exceed MDEQ Commercial III Ambient Air two-meter thickness criteria. The analytical results of the soil samples collected from B-2, B-3 and B-5 did not indicate the presence of target compounds above MDEQ Generic Residential Cleanup Criteria.

To address the UST release, EnecoTech conducted an investigation in 1996 that included the installation of soil borings and the collection of soil samples for laboratory analyses for BTEX and MTBE. The analytical results of these soil samples indicated the presence of MTBE above MDEQ Generic Residential and Commercial III Cleanup Criteria in soil boring PH-8/MW-3. The analytical results of the other soil samples did not indicate target compounds above MDEQ Generic Residential Cleanup Criteria.

To further address the UST release, drilled four soil borings (MW-9 through MW-13) and collected soil samples from these soil borings. The laboratory analytical results of these soil samples did not indicate the presence of target compounds above MDEQ Generic Residential Cleanup Criteria.

GES conducted groundwater sampling of existing monitoring wells in January of 2003. GES submitted the groundwater samples for laboratory analyses for MDEQ Unleaded Gasoline Parameters. The laboratory analytical results of GES's groundwater samples indicated the presence of benzene, ethylbenzene, 1,2,4-TMB, and xylenes above MDEQ Generic Residential, Commercial III and GSI Cleanup Criteria in monitoring wells MW-2, MW-3, MW-4 and MW-6.

REC 2, REC 3, REC 4 and REC 5

Soil borings B-1, B-6 and B-7, were installed to address REC 2, REC 3, REC 3, and REC 4. The geophysical survey was conducted to address REC 3. Three soil samples were collected from the soil borings and submitted for laboratory analyses for VOCs, PNAs, PCBs, cadmium, chromium and lead. The laboratory analytical results of the soil samples indicated the presence of total chromium in soil samples collected from soil borings B-1, B-6, and B-7 above MDEQ Generic Residential Cleanup Criteria; however, these results are consistent with MDEQ Statewide Default Background Concentrations. Further, no other target compound was detected in these soil samples. Therefore, these chromium concentrations appear to be background concentrations and not associated with a release.

AKT Peerless submitted groundwater samples from soil borings B-1, B-6 and B-7 for laboratory analyses for VOCs, PNA, PCBs, cadmium, chromium and lead. The laboratory analytical results indicated the presence of cadmium, chromium and lead above MDEQ Residential and Commercial III Cleanup Criteria in groundwater sample B-7. Further, lead was detected in groundwater samples B-1 and B-6 above MDEQ Generic Residential and Commercial III Cleanup Criteria. The geophysical survey did not identify the presence of an anomaly consistent with a UST.

7.2 RECOMMENDATIONS

The investigations identified the presence of a consistent clay confining layer across the subject property. Depth to clay ranged from 6-11 feet bgs and averaged approximately 6 feet in thickness. Further, regional water well records attached to previous reports identified a continuous confining clay layer across the region from 9-70 feet bgs. Therefore, groundwater beneath the subject property appears to be perched and not part of a usable aquifer.

The subject property is an open LUST site. Free product was not identified during any of the investigations. However, the extent of soil contamination has not been defined to the south (in the utility corridor). Further, the extent of groundwater contamination has not been defined to the north and east. Groundwater flow direction is to the southeast. Based on the analytical results of the groundwater samples collected from monitoring wells MW-11, MW-12 and MW-13, groundwater contamination does not appear to be migrating to the southern or eastern adjoining properties.

To achieve a Commercial III closure, additional work is necessary as follows:

- Delineate the extent of soil and groundwater contamination.
- Conduct quarterly groundwater monitoring for two years (eight quarters).
- Prepare a Commercial III LUST Closure Report.

Based on the current soil and groundwater data, AKT Peerless believes that two years of quarterly groundwater monitoring will be sufficient to achieve closure. Based on the results of the proposed investigation, it will likely be necessary to restrict the road right-of-way. Because

the extent of contamination is not fully defined, AKT Peerless is proposing a ‘Remediation Cost Estimate’. Details regarding this cost estimate are presented in the following section.

7.3 REMEDIATION COST ESTIMATE

Based the results of the investigations, AKT Peerless proposes natural attenuation to achieve a Commercial III Closure of the subject property. AKT Peerless proposes the following scope of work:

- Drill one soil boring/permanent monitoring well in utility corridor along Avon Road western end of the subject property.
- Drill one soil boring/permanent monitoring well in utility corridor along Avon Road on the eastern end of the subject property.
- Drill one soil boring on the southern adjoining property.
- Collect soil samples from the soil borings for laboratory analyses for MDEQ Unleaded Gasoline Parameters.
- Install one permanent monitoring well on the northern adjoining property.
- Install one permanent monitoring well on the eastern adjoining property.
- Collect quarterly groundwater samples from all the monitoring wells for MDEQ Unleaded Gasoline Parameters for two years (eight quarters).
- Prepare a Commercial III UST Closure Report (including any additional notification that may be necessary).

AKT Peerless estimates that the remediation cost estimate for this site ranges from \$72,000 to \$84,000. These costs assume (1) the proposed scope of work is sufficient to delineate the extent of contamination to MDEQ Generic Residential Cleanup Criteria, (2) 12 quarters of groundwater monitoring is sufficient to demonstrate compliance with MDEQ Generic Residential Cleanup Criteria on adjoining properties (not including utility corridors. These will be restricted to Commercial III), (3) 12 quarters of groundwater monitoring is sufficient to demonstrate compliance with MDEQ Commercial III Cleanup Criteria on the subject property and (4) the subject property can be restricted to the Commercial III land use scenario.

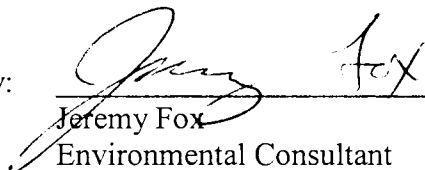
8.0 LIMITATIONS

The information and opinions obtained in this report are for the exclusive use of Safeway Acquisition, LLC, and Comerica Bank. No distribution to or reliance by other parties may occur without the express written permission of AKT Peerless. AKT Peerless will not distribute this report without your written consent or as required by law or by a Court order. The information and opinions contained in the report are given in light of that assignment. This report must be reviewed and relied upon only in conjunction with the terms and conditions expressly agreed upon by the parties and as limited therein. Any third parties who have been extended the right to rely on the contents of this report by AKT Peerless (which is expressly required prior to any third-party release), expressly agrees to be bound by the original terms and conditions entered into by AKT Peerless and Safeway Acquisition.

Subject to the above and the terms and conditions, AKT Peerless accepts responsibility for the competent performance of its duties in executing the assignment and preparing reports in accordance with the normal standards of the profession, but disclaims any responsibility for consequential damages. Although AKT Peerless believes that results contained herein are reliable, AKT Peerless cannot warrant or guarantee that the information provided is exhaustive or that the information provided by Safeway Acquisition, or third parties is complete or accurate.

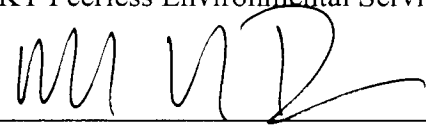
AKT Peerless warrants that the services, findings, and/or recommendations provided to Comerica Incorporated, its affiliates and subsidiaries, and their respective successors and assigns Comerica, have been prepared, performed and rendered in accordance with procedures, practices, and standards generally accepted and customary in the consultant's profession for use in similar assignments. AKT Peerless shall indemnify, save and hold harmless Comerica from and against any and all losses, costs, expenses and liabilities, including without limit reasonable attorneys fees, which are attributable to the breach of the above warranty, up to an aggregate amount of \$1,000,000 (One Million Dollars), notwithstanding any limitation (expressed or implied) contained in any other agreement or document relating to the services, findings and/or recommendations provided by AKT Peerless.

Report submitted by:



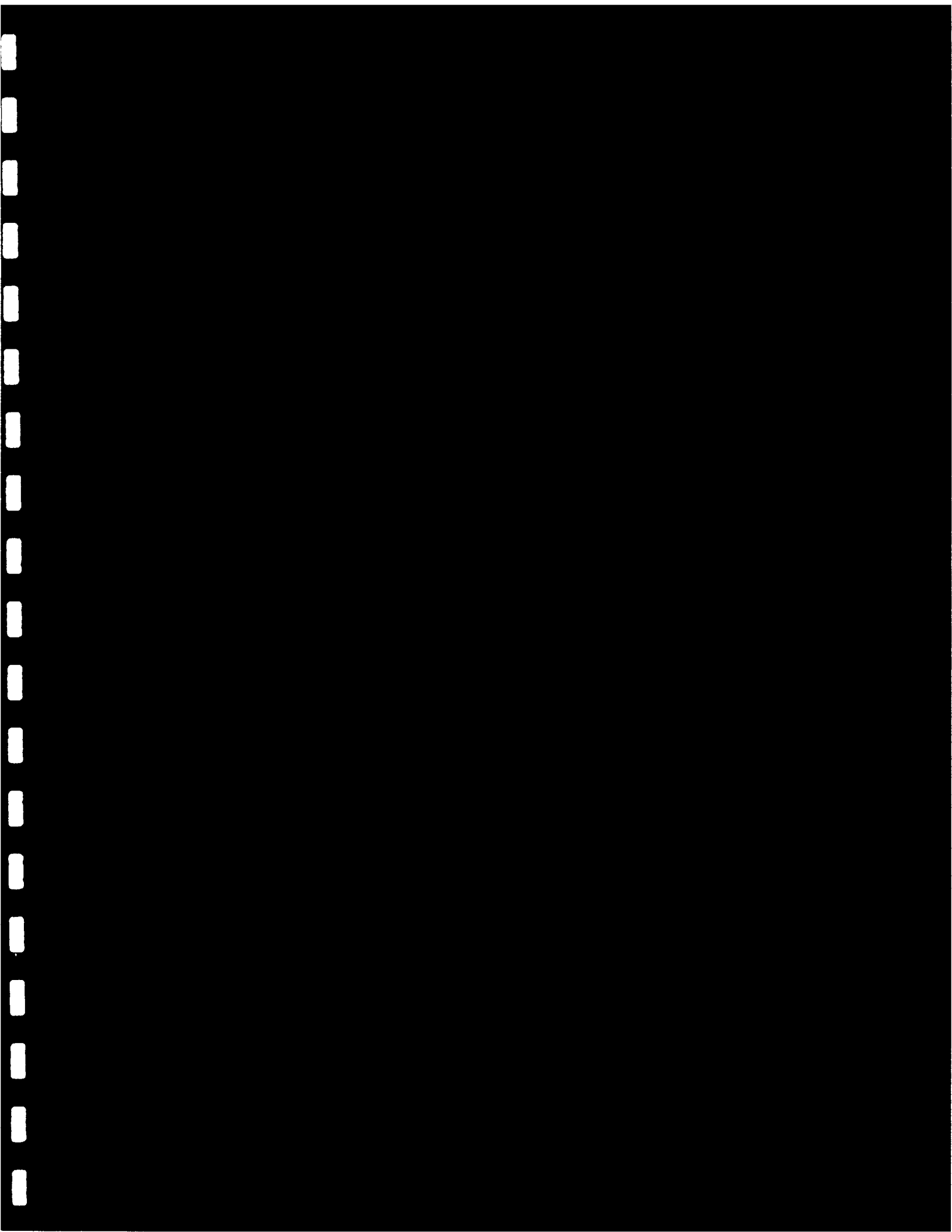
Jeremy Fox
Environmental Consultant
Environmental Engineering Services
AKT Peerless Environmental Services

Report reviewed by:



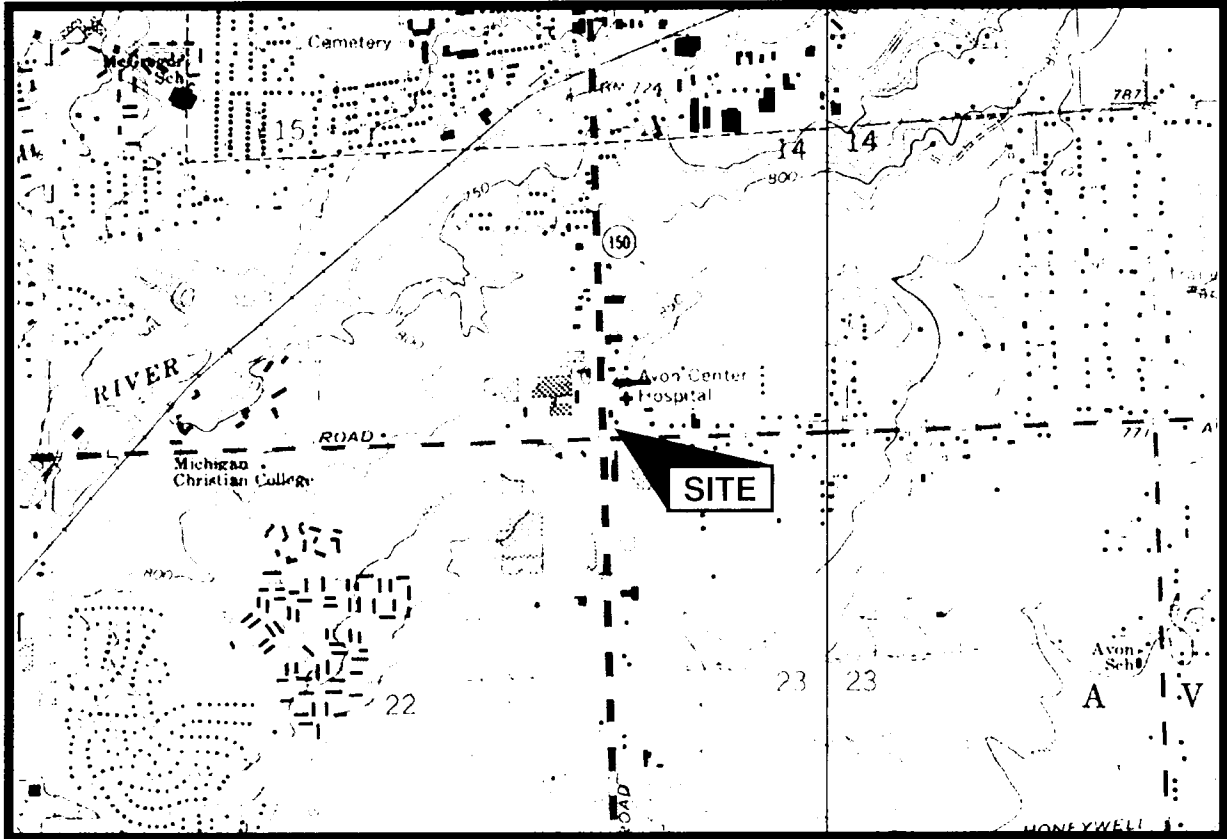
Mark E. Van Doren
Senior Project Manager
Environmental Engineering Services
AKT Peerless Environmental Services

March 31, 2005

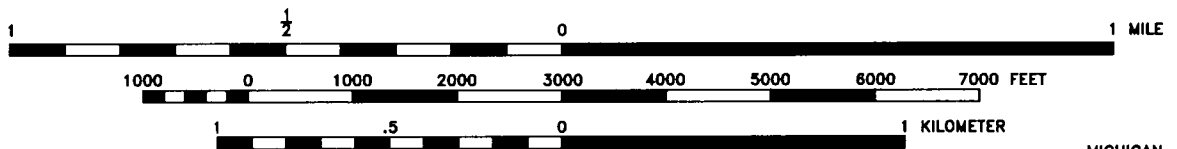


FIGURES

ROCHESTER QUADRANGLE
 MICHIGAN - OAKLAND COUNTY
 7.5 MINUTE SERIES (TOPOGRAPHIC)



T.3 N. - R.11 E.



CONTOUR INTERVAL 10 FEET
 DATUM IS MEAN SEA LEVEL

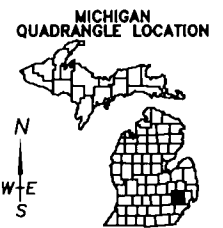


IMAGE TAKEN FROM 1968 U.S.G.S. TOPOGRAPHIC MAP
 PHOTOREVISED 1981

AKT PEERLESS
 environmental services

214 Jones Avenue, P.O. Box 1873, Saginaw, MI 48605
 Phone: (989)754-9896 Fax: (989)754-3804

TOPOGRAPHIC LOCATION MAP

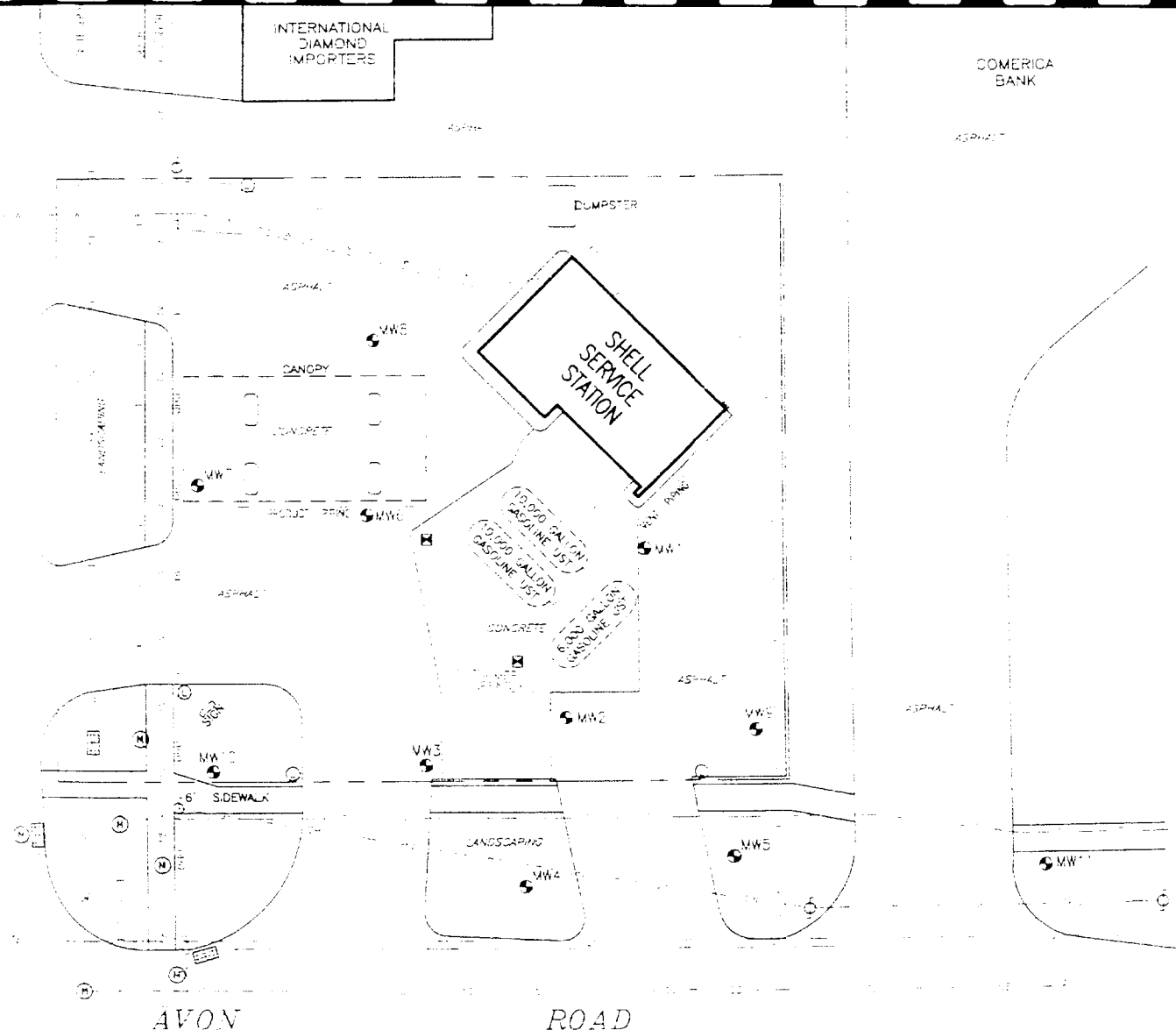
975 SOUTH ROCHESTER ROAD
 ROCHESTER HILLS, MICHIGAN

PROJECT NUMBER : 4500F-2-20
 DRAWING NUMBER : TOPO

DRAWN BY: OGO
 DATE: 02-10-05

FIGURE 1

ROCHESTER ROAD



AVON ROAD

*Site map originated by GES

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22725 Orchard Lake Road, Farmington, MI 48336
 phone: (248) 615-1333 fax: (248) 615-1334

***Site Map with Utility Locations**

Rochester and Avon Shell Station

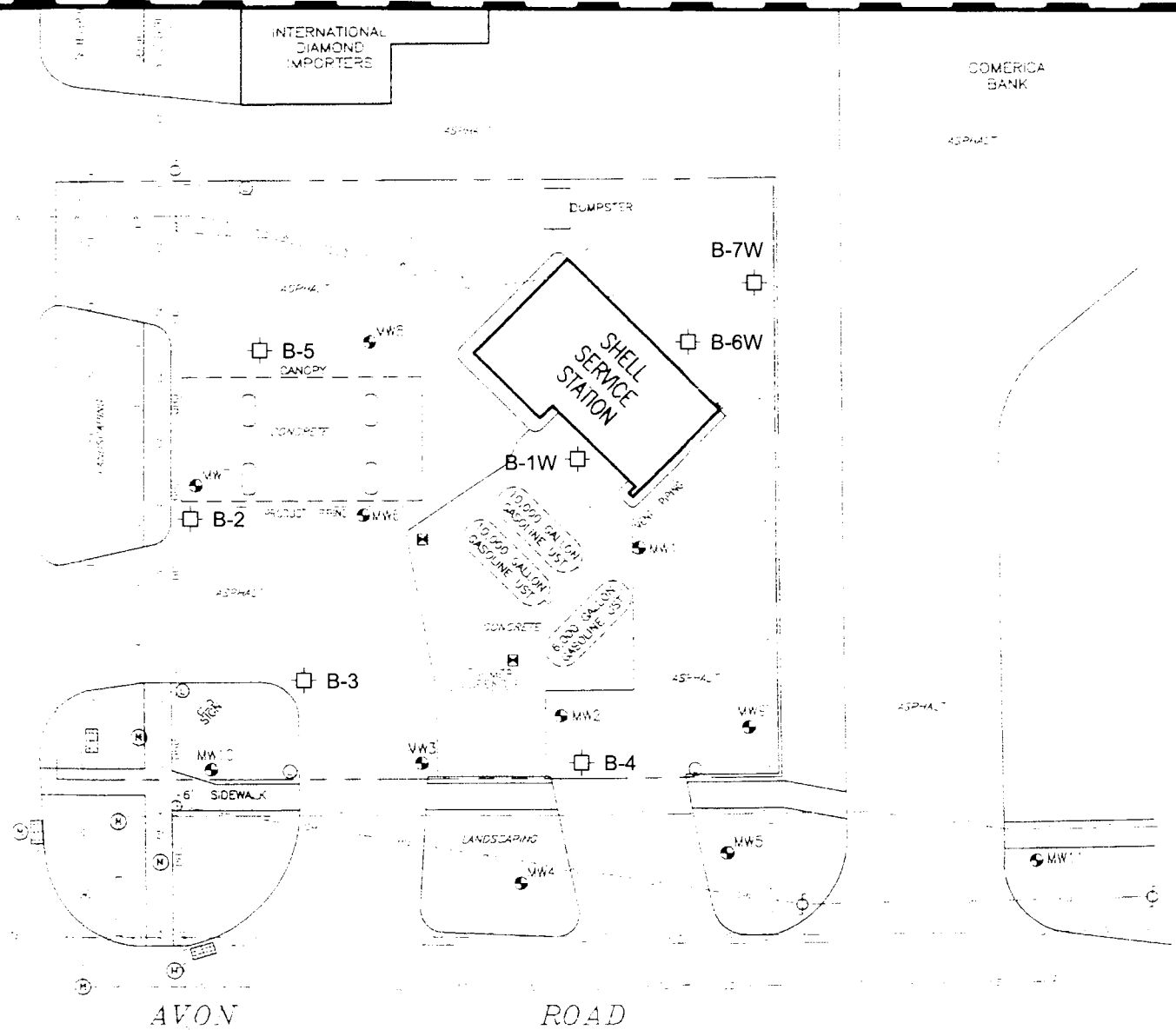
975 South Rochester Road
 Rochester Hills, MICHIGAN
 PROJECT NUMBER: 4500F-2-20

DRAWN BY: RAH
 DATE: 3/21/05

FIGURE 2

ROAD

ROCHESTER



*Site map originated by GES

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 phone: (248) 615-1333 fax: (248) 615-1334

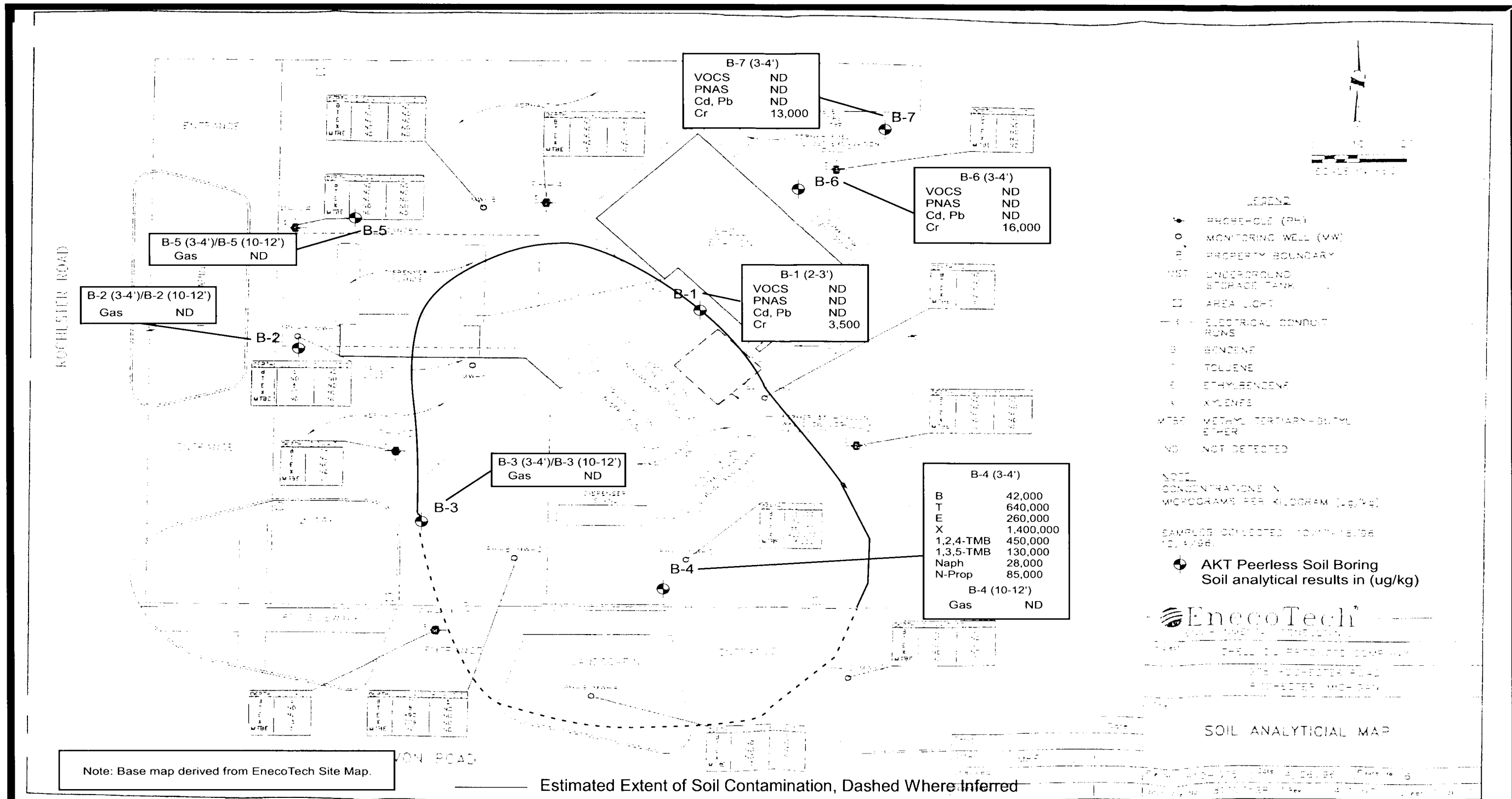
***Soil Boring Location Map**

Rochester and Avon Shell Station

975 South Rochester Road
 Rochester Hills, MICHIGAN
 PROJECT NUMBER: 4500F-2-20

DRAWN BY: RAH
 DATE: 3/21/05

FIGURE 3



AKT PEERLESS
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22725 Orchard Lake Road, Farmington, MI 48336
 phone: (248) 615-1333 fax: (248) 615-1334

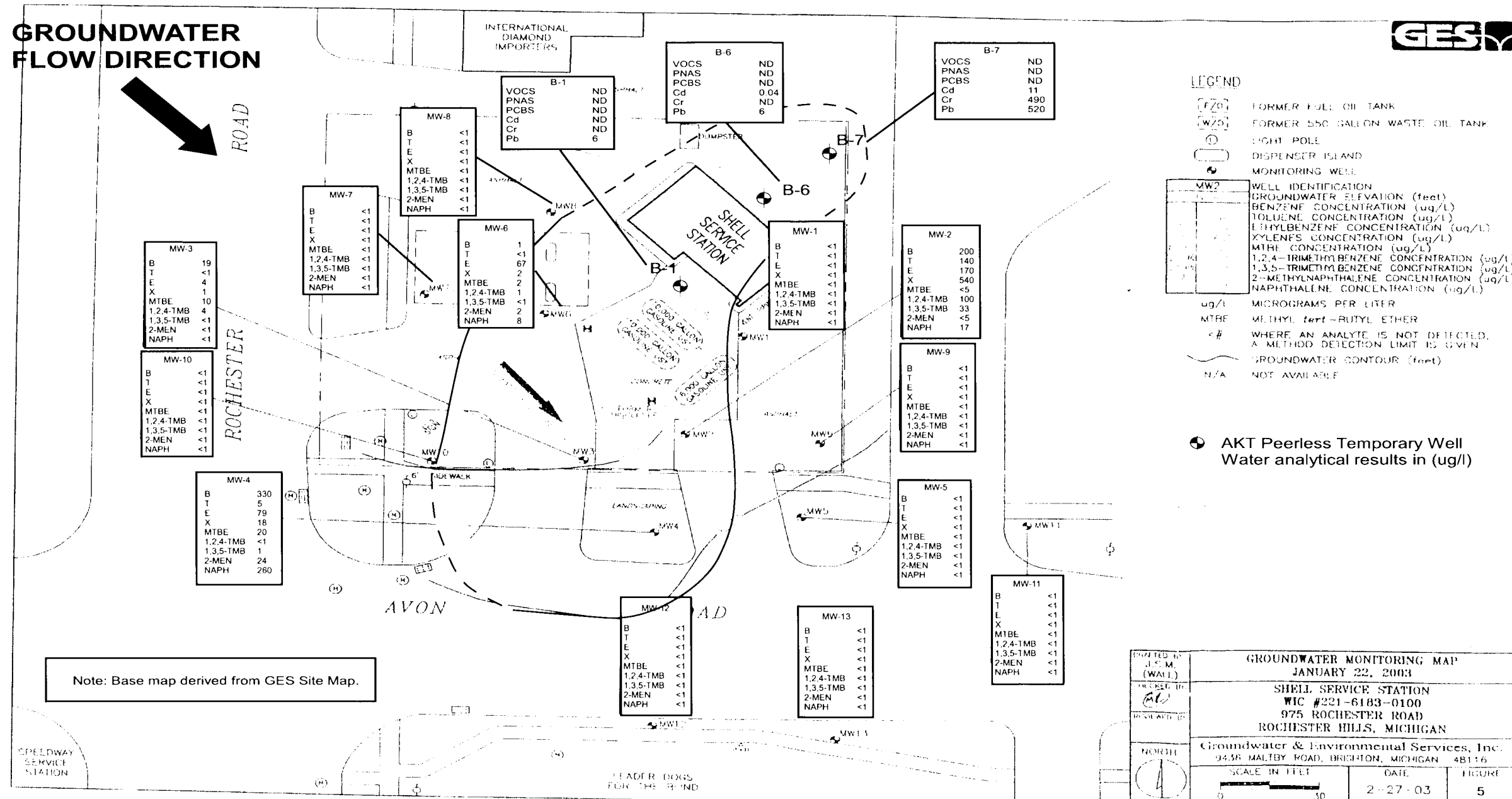
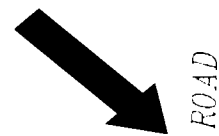
APPROXIMATE EXTENT OF SOIL CONTAMINATION
Rochester and Avon Shell Station
 975 South Rochester Road

Rochester Hills, Michigan
 PROJECT NUMBER: 4500F-2-20

DRAWN BY: MEV
 DATE: 3/23/2005

FIGURE 4

GROUNDWATER FLOW DIRECTION



Note: Base map derived from GES Site Map.

LEGEND

- FORMER FUEL OIL TANK
- FORMER 550 GALLON WASTE OIL TANK
- LIGHT POLE
- DISPENSER ISLAND
- MONITORING WELL
- WELL IDENTIFICATION
- GROUNDWATER ELEVATION (feet)
- BENZENE CONCENTRATION (ug/L)
- TOLUENE CONCENTRATION (ug/L)
- ETHYLBENZENE CONCENTRATION (ug/L)
- XYLENES CONCENTRATION (ug/L)
- MTBE CONCENTRATION (ug/L)
- 1,2,4-TRIMETHYLBENZENE CONCENTRATION (ug/L)
- 1,3,5-TRIMETHYLBENZENE CONCENTRATION (ug/L)
- 2-METHYLNAPHTHALENE CONCENTRATION (ug/L)
- NAPHTHALENE CONCENTRATION (ug/L)
- ug/L MICROGRAMS PER LITER
- MTBE METHYL *tert*-BUTYL ETHER
- <#> WHERE AN ANALYTE IS NOT DETECTED, A METHOD DETECTION LIMIT IS GIVEN
- GROUNDWATER CONTOUR (feet)
- N/A NOT AVAILABLE

AKT Peerless Temporary Well
Water analytical results in (ug/l)

DESIGNED BY J.C.M. (WALL) CHECKED BY <i>[Signature]</i> DRAWN BY <i>[Signature]</i> NORTH 	GROUNDWATER MONITORING MAP JANUARY 22, 2003 SHELL SERVICE STATION WIC #221-6183-0100 975 ROCHESTER ROAD ROCHESTER HILLS, MICHIGAN Groundwater & Environmental Services, Inc. 9456 MALBY ROAD, BRIGHTON, MICHIGAN 48116
SCALE IN FEET 	DATE 2-27-03 FIGURE 5

————— Estimated Extent of Groundwater Contamination, Dashed Where Inferred

AKT PEERLESS
environmental services

22725 Orchard Lake Road, Farmington, MI 48336
phone: (248) 615-1333 fax: (248) 615-1334

APPROXIMATE EXTENT OF GROUNDWATER CONTAMINATION
Rochester and Avon Shell Station
975 South Rochester Road

Rochester Hills, Michigan
PROJECT NUMBER: 4500F-2-20

DRAWN BY: MEV
DATE: 3/23/2005

FIGURE 5

TABLES

Table 2
Summary of Groundwater Analytical Results
 Safeway Acquisition, LLC
 975 Rochester Rd
 Rochester Hills, MI
 AKT Peerless Project No
 4500F-2-20

Target Parameter and MDEQ Criteria		Residential & Commercial I Criteria & RBSLs	Industrial & Commercial II, III & IV Drinking Water Criteria & RBSLs	Groundwater Surface Water Interface Criteria & RBSLs	Residential & Commercial I Groundwater Volatilization to Indoor Air Inhalation Criteria & RBSLs	Industrial & Commercial II, III & IV Groundwater Volatilization to Indoor Air Inhalation Criteria & RBSLs	Groundwater Contact Criteria & RBSLs	Sample Identification and Date		
								B-1 W	B-6 W	B-7 W
Volatile Organic Compounds (ug/L)		CAS #						3/9/2005	3/9/2005	3/9/2005
Benzene (I)	71432	5.0 (A)	5.0 (A)	200 (X)	5,600	35,000	11,000	ND	ND	ND
Toluene (I)	108883	790 (E)	790 (E)	140	5.3E+5 (S)	5.3E+5 (S)	5.3E+5 (S)	ND	ND	ND
Ethylbenzene (I)	100414	74 (E)	74 (E)	18	1.1E+5	1.7E+5 (S)	1.7E+5 (S)	ND	ND	ND
Xylenes (I)	1330207	280 (E)	280 (E)	35	1.9E+5 (S)	1.9E+5 (S)	1.9E+5 (S)	ND	ND	ND
Methyl-tert-butyl ether (MTBE)	1634044	40 (E)	40 (E)	730 (X)	4.7E+7 (S)	4.7E+7 (S)	6.1E+5	ND	ND	ND
1,2,4-Trimethylbenzene (I)	95636	63 (E)	63 (E)	17	56,000 (S)	56,000 (S)	56,000 (S)	ND	ND	ND
1,3,5-Trimethylbenzene (I)	108678	72 (E)	72 (E)	45	61,000 (S)	61,000 (S)	61,000 (S)	ND	ND	ND
1,2-Dichloroethane (I)	107062	5.0 (A)	5.0 (A)	360 (X)	9,600	59,000	19,000	ND	ND	ND
Ethylene dibromide	106934	0.05 (A)	0.05 (A)	0.2 (X)	2,400	15,000	25	ND	ND	ND
2-Methylnaphthalene	91576	260	750	ID	ID	ID	25,000 (S)	ND	ND	ND
Naphthalene	91203	520	1,500	13	31,000 (S)	31,000 (S)	31,000 (S)	ND	ND	ND
Remaining VOCs	Various	-	-	-	-	-	-	ND	ND	ND
Polynuclear Aromatic Hydrocarbons (ug/L)										
Acenaphthene	83329	1,300	3,800	19	4,200 (S)	4,200 (S)	4,200 (S)	ND	ND	ND
Acenaphthylene	208968	52	150	ID	3,900 (S)	3,900 (S)	3,900 (S)	ND	ND	ND
Anthracene	120127	43 (S)	43 (S)	ID	43 (S)	43 (S)	43 (S)	ND	ND	ND
Benzo(a)anthracene (Q)	56553	2.1	8.5	ID	NLV	NLV	9.4 (S,AA)	ND	ND	ND
Benzo(a)pyrene (Q)	50328	5.0 (A)	5.0 (A)	ID	NLV	NLV	1.0 (M,AA), 0.64 (S)	ND	ND	ND
Benzo(b)fluoranthene (Q)	205992	1.5 (S, AA)	1.5 (S, AA)	ID	ID	ID	1.5 (S,AA), 1.0 (M,AA), 0.20 (S)	ND	ND	ND
Benzo(g,h,i)perylene	191242	1.0 (M), 0.26 (S)	1.0 (M), 0.26 (S)	NA	NLV	NLV	1.0 (M,AA), 0.8 (S)	ND	ND	ND
Benzo(k)fluoranthene (Q)	207089	1.0 (M), 0.8 (S)	1.0 (M), 0.8 (S)	NA	NLV	NLV	1.0 (M,AA), 0.8 (S)	ND	ND	ND
Chrysene (Q)	218019	1.6 (S)	1.6 (S)	ID	ID	ID	1.6 (S,AA)	ND	ND	ND
Dibenzo(a,h)anthracene (Q)	53703	2.0 (M), 0.21	2.0 (M), 0.85	ID	NLV	NLV	2.0 (M,AA), 0.31 (S)	ND	ND	ND
Fluoranthene	206440	210 (S)	210 (S)	1.6	210 (S)	210 (S)	210 (S)	ND	ND	ND
Fluorene	86737	880	2,000 (S)	12	2,000 (S)	2,000 (S)	2,000 (S)	ND	ND	ND
Indeno(1,2,3-cd)pyrene (Q)	193395	2.0 (M), 0.022 (S)	2.0 (M), 0.022 (S)	ID	NLV	NLV	2.0 (M,AA), 0.022 (S)	ND	ND	ND
Phenanthrene	85018	52	150	2.4	1,000 (S)	1,000 (S)	1,000 (S)	ND	ND	ND
Pyrene	129000	140 (S)	140 (S)	ID	140 (S)	140 (S)	140 (S)	ND	ND	ND
Remaining PNAs	Various	-	-	-	-	-	-	ND	ND	ND
Metals (ug/L)										
Cadmium (B)	7440439	5.0 (A)	5.0 (A)	(G,X)	NLV	NLV	1.9E+5	ND	0.4	11
Chromium (VI)	18540299	100 (A)	100 (A)	11	NLV	NLV	4.6E+5	ND	ND	490
Lead (B)	7439921	4.0 (L)	4.0 (L)	(G,X)	NLV	NLV	ID	6	8	520
PCBs (ug/L)										
Polychlorinated biphenyls (PCBs) (J,T)	1336363	0.5 (A)	0.5 (A)	0.2 (M), 2.6E-5	45 (S)	45 (S)	3.3 (AA)	ND	ND	ND
Glycols (ug/L)										
Ethylene glycol	107211	15,000	42,000	1.9E+5 (X)	NLV	NLV	1.0E+9 (S)	NS	NS	NS

Note
 (ug/L)-Micrograms per liter
 A - Criterion is the State of Michigan Drinking Water Standard established pursuant to Section 5 of the Safe Drinking Water Act, Act No. 399 of the Public Act of 1976
 E - Criterion is the aesthetic drinking water value, as required by Sec. 2020(1)(5)
 G - GSI criterion is pH or water hardness dependent
 L - Reserved
 M - Calculated criterion is below the analytical Target Detection Limit (TDL), therefore, the criterion defaults to the TDL.
 S - Criterion defaults to the chemical-specific water solubility limit
 X - The GSI criterion shown is not protective for surface water that is used as a drinking water source
 AA - Filtered groundwater samples must be collected for appropriate comparison to the GCC, since these hazardous substances are likely to be adsorbed to particulates rather than dissolved in water
 ID - Inadequate data to develop criterion
 NA - RBSL or value is not available or, as is the case for Csat, not applicable
 ND - Non-detect
 NLV - Hazardous substance is not likely to volatilize under most conditions
 NS - Not submitted

**Underground Storage Tank System
Site Assessment Report and Closure
Tank Number 2 & Tank Number 3**

**Shell Gas Station Property
Facility ID Number 00009055
975 South Rochester Road
Rochester, Michigan 48037**

Prepared for:

**Mr. Sam Beydoun, CEO
Safeway Acquisitions Group LLC
8700 Brandt
Dearborn, MI 48126**

Completed:

July 17, 2008

**Waste & Hazardous
Materials Division**

JUL 21 2008



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY - WASTE AND HAZARDOUS MATERIALS DIVISION

C-0214-96
1K-used Oil

2/17/05 T-1, C-R
C-0252-96
1K, 6K-gal
T-1, C-R

UNDERGROUND STORAGE TANK SYSTEM SITE ASSESSMENT REPORT AND CLOSURE OR CHANGE-IN-SERVICE REGISTRATION FORM

This information is required under Part 211, Underground Storage Tank Regulations, of the Natural Resources and Environmental Protection Act, Act 451 of the Public Acts of 1994, being Sections 324.21101 to 324.21113 of the Michigan Compiled Laws Annotated. Any owner who knowingly fails to notify or submits false information shall be subject to a misdemeanor and/or civil penalties not to exceed \$5000 per day for each tank for which notification is not given or for which false information is submitted.

INSTRUCTIONS: For permanent closure and change-in-service, complete all the information on this form and submit with the site assessment analytical results, chain of custody and site sketch which indicates the location and depths of tanks, piping, and samples. This form must be received within 45 days of the samples being taken. The owner is required to keep a copy of the site assessment report for a minimum of three years. See reverse side of this form for additional information.		FACILITY ID NUMBER ID# 00009055	
I. OWNERSHIP OF TANKS		II. LOCATION OF TANKS	
NAME OF OWNER (CORPORATION, INDIVIDUAL, ETC.) Safeway Acquisitions Group LLC		FACILITY NAME OR COMPANY SITE IDENTIFIER Shell Service Station	
STREET ADDRESS 8700 Brandt		STREET ADDRESS (PO BOX NOT ACCEPTABLE) 975 S. Rochester Rd	
CITY Dearborn	STATE MI	ZIP CODE 48126	CITY Rochester
			STATE MI
		ZIP CODE 48037	
AREA CODE & TELEPHONE NUMBER 313 624 9911		CONTACT PERSON FOR LOCATION Kassem Beydoun	
		AREA CODE & TELEPHONE NUMBER 313 624 9911	
III. TANK INFORMATION			
TANK NUMBER	2	3	
TANK SIZE	10,000	6,000	
SUBSTANCE STORED	Gasoline	Gasoline	
DATE LAST USED	6/6/08	6/6/08	
DATE CLOSED	6/11/08	6/11/08	
REMOVED FROM GROUND	No	No	
CLOSED IN PLACE (INDICATE TYPE OF FILL)	concrete	concrete	
CHANGE-IN-SERVICE			
OWNER'S NAME	OWNER'S SIGNATURE		DATE
Safeway Acquisition LLC			7-17-08
IV. SUBMITTER INFORMATION			
SUBMITTED BY (COMPANY NAME)		NAME (INDIVIDUAL)	
Midwest Environmental Consulting Corp.		James A. Kyle	
SIGNATURE	DATE	AREA CODE & TELEPHONE NUMBER	
	6/24/08	313 792 9670	
DO NOT WRITE BELOW THIS LINE (FOR OFFICE USE ONLY)			

SITE ASSESSMENT REVIEW REPORT

Your site assessment has been reviewed by the Storage Tank Unit staff and the following determination has been made:

- The contamination concentration is below the threshold detection levels, and there is no evidence of a confirmed release.
- The test methodology or level of detection is faulty. The data submitted is not considered valid. Please perform another site assessment and forward a copy of the results to this office within 45 days.
- The number of sampling points analyzed are considered inadequate to make a determination of the cleanliness of the site. Please perform another site assessment and forward a copy of the results to this office within 45 days.
- The contaminant concentrations are greater than the threshold detection levels and there is evidence of a confirmed release. A confirmed release report is being generated. Follow reporting requirements in accordance with 451 PA 1994, Part 213, as amended.
- The soils excavated and removed from the site were greater than allowable volumes. A confirmed release was not reported to this office within 24 hours per the Michigan Underground Storage Tank Rules (MUSTR) prior to excavation of contaminated soil. A confirmed release report is being generated. Follow reporting requirements in accordance with 451 PA 1994, Part 213, as amended.

SIGNATURE OF REVIEWER	DATE OF REVIEW

MAIL COPIES TO: WASTE AND HAZARDOUS MATERIALS DIVISION, STORAGE TANK UNIT
 DEPARTMENT OF ENVIRONMENTAL QUALITY
 PO BOX 30241 LANSING, MI 48909-7741

EQP3881 (11/05)

SMR JUL 22 2008

SMR JUL 22 2008



ENVIRONMENTAL QUALITY LABORATORIES, INC.
 44075 Phoenix Drive
 Sterling Heights, Michigan 48314-1420
 (586) 731-1818 • (800) 368-5227 • Fax (586) 731-2590

2 0799

CR-11-0000

Analysis Request

PAGE 03

ENV QUALITY LABS

586-731-2590

06/19/2008 13:36

1 Consultant Midwest Environmental
 Sampler: S. Kyle Phone: _____
 Project: 975 S. Rochester Rd
 Fax: _____

Sample Identification	Collection		Grab	Composite	Soil	Water	Other	Total # of Containers	Analysis Requested	Remarks
	Date	Time								
SB-1 10.5'	1323	6/12 9:15			✓			2	BTEX	
SB-2 12'	1324	9:40			✓		2			
SB-3 11'	1325	10:00			✓		2			
SB-4 11'	1326	10:15			✓		2			
SB-5 11'	1327	10:40			✓		2			
SB-6 3.5'	1328	10:50			✓		2			
SB-6 12'	1329	11:00			✓		2			

7 Turnaround time requested, (please circle): Emergency, Routine
 (Call to confirm Emergency turnaround time).
 Rush analysis results via:
 Fax#: 866-633-5691 -or- Phone #: _____

9 CONDITION OF SAMPLES UPON RECEIPT AT EQL.
 Sample Temp: _____ Preserve? _____ Damaged? _____
 Comments: _____

8 - This section MUST be signed each time the sample changes hands -

Relinquished by	Date	Time	Received by	Date	Time
<i>[Signature]</i>	6/12/08	11:10	<i>[Signature]</i>	6/12/08	11:30
<i>[Signature]</i>	Return	12:30	<i>[Signature]</i>		

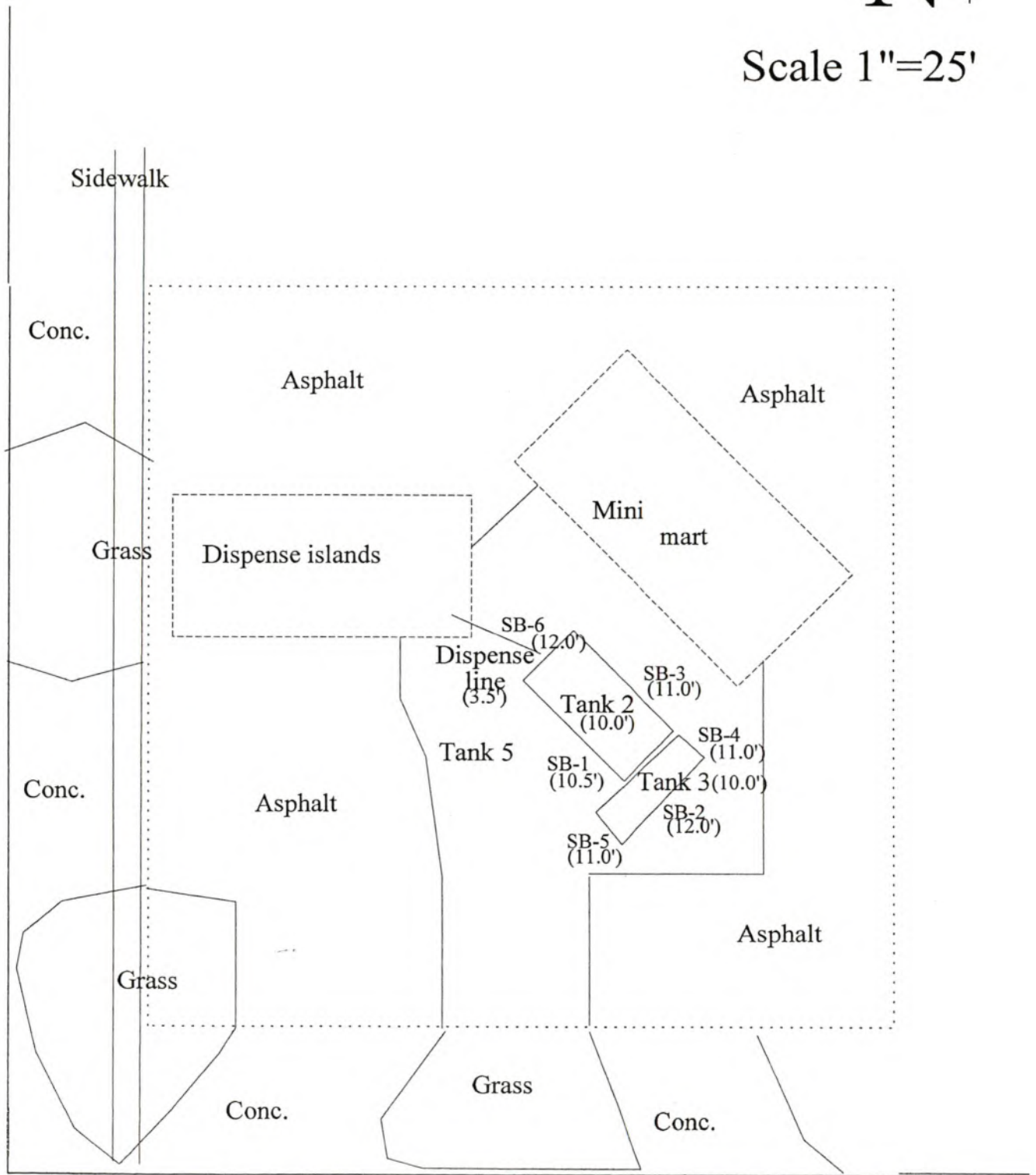
In case we have questions when the samples arrive, call:
 Name: S. Kyle Phone: 313-850-6127
 Send report to: _____

N ↑

Scale 1"=25'

R
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Avon Road

Site Sketch-975 South Rochester Road, Rochester, N

Appendix D



ENVIRONMENTAL DATABASE SEARCH

945 and 975 South Rochester Road

945 and 975 South Rochester Road

Rochester Hills, MI 48307

Inquiry Number: 05753114.2r

August 15, 2019

The EDR Radius Map™ Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Detail Map	3
Map Findings Summary	4
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Orphan Summary	76
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GEOCHECK ADDENDUM

GeoCheck - Not Requested

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

945 AND 975 SOUTH ROCHESTER ROAD
ROCHESTER HILLS, MI 48307

COORDINATES

Latitude (North): 42.6668540 - 42° 40' 0.67"
Longitude (West): 83.1326620 - 83° 7' 57.58"
Universal Transverse Mercator: Zone 17
UTM X (Meters): 325225.8
UTM Y (Meters): 4725811.0
Elevation: 843 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 6066320 ROCHESTER, MI
Version Date: 2014

East Map: 6066338 UTICA, MI
Version Date: 2014

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140721
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
 945 AND 975 SOUTH ROCHESTER ROAD
 ROCHESTER HILLS, MI 48307

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	EXPRESS 100 INC.	975 S ROCHESTER RD	LUST, UST, INVENTORY		TP
A2	FORMER SHELL 975 ROC	975 ROCHESTER ROAD	AUL		TP
A3	SHELL SERVICE STATIO	975 S ROCHESTER RD	RGA LUST		TP
A4	ROCHESTER HILLS INC	975 S ROCHESTER RD	EDR Hist Auto		TP
A5	EQUILON ENTERPRISES	975 S ROCHESTER RD	WDS		TP
A6	EXPRESS 100 INC.	975 S ROCHESTER RD	Financial Assurance		TP
A7	SHELL SERVICE STATIO	975 S ROCHESTER	RGA LUST		TP
A8	SANYO MACHINE AMERIC	950 S ROCHESTER RD	UST	Higher	80, 0.015, NW
A9	DETROIT BROACH & MAC	950 S ROCHESTER RD	RCRA NonGen / NLR, FINDS, ECHO	Higher	80, 0.015, NW
B10	SPEEDWAY #8832	1010 S ROCHESTER RD	LUST, UST, AUL, INVENTORY, AIRS, Financial...	Lower	220, 0.042, SSW
B11	SPEEDWAY SUPERAMERIC	1010 N ROCHESTER RD	EDR Hist Auto	Lower	220, 0.042, SSW
C12	SPRINGFIELD INDUSTRI	873 ROCHESTER RD	RCRA-CESQG, FINDS, ECHO	Lower	401, 0.076, NNW
B13	LEADER DOG FOR THE B	1039 S ROCHESTER RD	UST	Lower	461, 0.087, South
B14	PENSKE AUTO CENTER	1100 S ROCHESTER RD	RCRA NonGen / NLR	Lower	466, 0.088, SSW
B15	PENSKE AUTO CENTER	1100 S ROCHESTER RD	RCRA-CESQG, FINDS, ECHO	Lower	466, 0.088, SSW
C16	SHELTON PONTIAC-BUIC	855 S ROCHESTER RD	LUST, UST, WDS	Higher	653, 0.124, North
C17	SHELTON PONTIAC BUIC	855 S ROCHESTER RD	RCRA-CESQG, FINDS, ECHO	Higher	653, 0.124, North
D18	FOX TOYOTA/FOX VOLKS	755 AND 773 SOUTH RO	BEA	Lower	929, 0.176, North
D19	FOX TOYOTA/FOX VOLKS	755 AND 773 SOUTH RO	INVENTORY	Lower	929, 0.176, North
D20	770 SOUTH ROCHESTER	770 SOUTH ROCHESTER	INVENTORY	Lower	939, 0.178, North
D21	FOX TOYOTA/FOX VOLKS	755 ROCHESTER ROAD	INVENTORY, BEA	Lower	1009, 0.191, North
D22	BILL FOX AMC INC	755 S ROCHESTER RD	LUST, UST, INVENTORY, ASBESTOS	Lower	1009, 0.191, North
D23	FOX AUTOMOTIVE GROUP	755 S ROCHESTER RD	RCRA-SQG, FINDS, ECHO	Lower	1009, 0.191, North
D24	MIDAS MUFFLER	746 S ROCHESTER RD	RCRA-CESQG, FINDS, ECHO	Lower	1046, 0.198, North
E25	CHRISMAN LINCOLN MER	1185 S ROCHESTER RD	UST	Lower	1111, 0.210, South
E26	CRISSMAN LINCOLN MER	1185 S ROCHESTER RD	RCRA NonGen / NLR	Lower	1111, 0.210, South
E27	CRISSMAN LINCOLN MER	1185 S. ROCHESTER RO	US BROWNFIELDS	Lower	1111, 0.210, South
28	LIFETIME FITNESS	200 W AVON RD	RCRA NonGen / NLR	Lower	1162, 0.220, WNW
F29	BILL FOX CHEVROLET I	725 S ROCHESTER RD	RCRA-SQG, FINDS, ECHO	Lower	1274, 0.241, North
F30	BILL FOX CHEVROLET I	725 S ROCHESTER RD	LUST, UST, Financial Assurance, WDS	Lower	1274, 0.241, North
31	ROCHESTER HILLS CHRR	1301 S ROCHESTER RD	LUST, UST, Financial Assurance	Lower	1522, 0.288, South
32	ROCHESTER GLASS WORK	560 S ROCHESTER RD	LUST, INVENTORY, BEA	Lower	2065, 0.391, North
33	WP BURKE CO	93 MILL STREET	DEL PART 201, WDS	Lower	3740, 0.708, North
34	ITT AUTOMOTIVE	301 EAST THIRD STREE	AUL, PART 201, BEA	Lower	4614, 0.874, North

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
EXPRESS 100 INC. 975 S ROCHESTER RD ROCHESTER HILLS, MI 48307	LUST Release Status: Closed Substance Release: Used Oil Substance Release: Gasoline Facility Id: 00009055 UST Database: UST, Date of Government Version: 02/06/2019 Tank Status: Removed from Ground Tank Status: Currently In Use Facility Type: ACTIVE Facility Id: 00009055 INVENTORY Facility ID: 00009055	N/A
FORMER SHELL 975 ROC 975 ROCHESTER ROAD ROCHESTER HILLS, MI 48037	AUL Facility ID: 00000905	N/A
SHELL SERVICE STATIO 975 S ROCHESTER RD ROCHESTER, MI	RGA LUST Facility ID: 9055	N/A
ROCHESTER HILLS INC 975 S ROCHESTER RD ROCHESTER, MI 48063	EDR Hist Auto	N/A
EQUILON ENTERPRISES 975 S ROCHESTER RD ROCHESTER HILLS, MI 48307	WDS WMD Id: 426933 Site Id: MIG000008833	N/A
EXPRESS 100 INC. 975 S ROCHESTER RD ROCHESTER HILLS, MI 48307	Financial Assurance Database: FINANCIAL ASSURANCE 3, Date of Government Version: 04/08/2019	N/A
SHELL SERVICE STATIO 975 S ROCHESTER ROCHESTER, MI	RGA LUST Facility ID: 9055	N/A

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

SHWS..... This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

EXECUTIVE SUMMARY

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Facilities Database

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

AST..... Aboveground Tanks

INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields and UST Site Database

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

HIST LF..... Inactive Solid Waste Facilities

SWRCY..... Recycling Facilities

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

ODI..... Open Dump Inventory

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

CDL..... Clandestine Drug Lab Listing

US CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS..... Lien List

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

SPILLS..... Pollution Emergency Alerting System

Other Ascertainable Records

FUDS..... Formerly Used Defense Sites

DOD..... Department of Defense Sites

EXECUTIVE SUMMARY

SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST
2020 COR ACTION.....	2020 Corrective Action Program List
TSCA.....	Toxic Substances Control Act
TRIS.....	Toxic Chemical Release Inventory System
SSTS.....	Section 7 Tracking Systems
ROD.....	Records Of Decision
RMP.....	Risk Management Plans
RAATS.....	RCRA Administrative Action Tracking System
PRP.....	Potentially Responsible Parties
PADS.....	PCB Activity Database System
ICIS.....	Integrated Compliance Information System
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
FINDS.....	Facility Index System/Facility Registry System
UXO.....	Unexploded Ordnance Sites
ECHO.....	Enforcement & Compliance History Information
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
AIRS.....	Permit and Emissions Inventory Data
ASBESTOS.....	ASBESTOS
COAL ASH.....	Coal Ash Disposal Sites
DRYCLEANERS.....	Drycleaning Establishments
LEAD.....	Lead Safe Housing Registry
NPDES.....	List of Active NPDES Permits
UIC.....	Underground Injection Wells Database

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA PART 201.....	Recovered Government Archive State Hazardous Waste Facilities List
-------------------	--

EXECUTIVE SUMMARY

RGA LF..... Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/25/2019 has revealed that there are 2 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>FOX AUTOMOTIVE GROUP</i> EPA ID:: MID151407434	<i>755 S ROCHESTER RD</i>	<i>N 1/8 - 1/4 (0.191 mi.)</i>	<i>D23</i>	<i>43</i>
<i>BILL FOX CHEVROLET I</i> EPA ID:: MID017338039	<i>725 S ROCHESTER RD</i>	<i>N 1/8 - 1/4 (0.241 mi.)</i>	<i>F29</i>	<i>59</i>

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 03/25/2019 has revealed that there are 4 RCRA-CESQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>SHELTON PONTIAC BUIC</i> EPA ID:: MID017339078	<i>855 S ROCHESTER RD</i>	<i>N 0 - 1/8 (0.124 mi.)</i>	<i>C17</i>	<i>37</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>SPRINGFIELD INDUSTRI</i>	<i>873 ROCHESTER RD</i>	<i>NNW 0 - 1/8 (0.076 mi.)</i>	<i>C12</i>	<i>27</i>

EXECUTIVE SUMMARY

EPA ID:: MIK158690277				
PENSKE AUTO CENTER	1100 S ROCHESTER RD	SSW 0 - 1/8 (0.088 mi.)	B15	31
EPA ID:: MIK777456526				
MIDAS MUFFLER	746 S ROCHESTER RD	N 1/8 - 1/4 (0.198 mi.)	D24	45
EPA ID:: MIR000008375				

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Quality's Leaking Underground Storage Tank (LUST) Database.

A review of the LUST list, as provided by EDR, and dated 05/03/2019 has revealed that there are 6 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SHELTON PONTIAC-BUIC Release Status: Closed Substance Release: Other,Used Oil,Other Facility Id: 00002058	855 S ROCHESTER RD	N 0 - 1/8 (0.124 mi.)	C16	33
Lower Elevation	Address	Direction / Distance	Map ID	Page
SPEEDWAY #8832 Release Status: Open Substance Release: Unknown,Unknown Substance Release: Gasoline,Gasoline,Diesel Facility Id: 00016387	1010 S ROCHESTER RD	SSW 0 - 1/8 (0.042 mi.)	B10	18
BILL FOX AMC INC Release Status: Open Substance Release: Gasoline,Unknown Facility Id: 00007644	755 S ROCHESTER RD	N 1/8 - 1/4 (0.191 mi.)	D22	41
BILL FOX CHEVROLET I Release Status: Closed Substance Release: Unknown Facility Id: 00003748	725 S ROCHESTER RD	N 1/8 - 1/4 (0.241 mi.)	F30	63
ROCHESTER HILLS CHRR Release Status: Closed Substance Release: Gasoline Facility Id: 00008294	1301 S ROCHESTER RD	S 1/4 - 1/2 (0.288 mi.)	31	66
ROCHESTER GLASS WORK Release Status: Open Substance Release: Unknown Facility Id: 50002234	560 S ROCHESTER RD	N 1/4 - 1/2 (0.391 mi.)	32	69

EXECUTIVE SUMMARY

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Quality's Michigan UST database.

A review of the UST list, as provided by EDR, has revealed that there are 7 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SANYO MACHINE AMERIC Database: UST, Date of Government Version: 02/06/2019 Tank Status: Temporarily Out of Use Facility Type: CLOSED Facility Id: 00002684	950 S ROCHESTER RD	NW 0 - 1/8 (0.015 mi.)	A8	15
SHELTON PONTIAC-BUIC Database: UST, Date of Government Version: 02/06/2019 Tank Status: Removed from Ground Facility Type: CLOSED Facility Id: 00002058	855 S ROCHESTER RD	N 0 - 1/8 (0.124 mi.)	C16	33
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SPEEDWAY #8832 Database: UST, Date of Government Version: 02/06/2019 Tank Status: Currently In Use Tank Status: Removed from Ground Facility Type: ACTIVE Facility Id: 00016387	1010 S ROCHESTER RD	SSW 0 - 1/8 (0.042 mi.)	B10	18
LEADER DOG FOR THE B Database: UST, Date of Government Version: 02/06/2019 Tank Status: Removed from Ground Facility Type: CLOSED Facility Id: 00019352	1039 S ROCHESTER RD	S 0 - 1/8 (0.087 mi.)	B13	29
BILL FOX AMC INC Database: UST, Date of Government Version: 02/06/2019 Tank Status: Removed from Ground Facility Type: CLOSED Facility Id: 00007644	755 S ROCHESTER RD	N 1/8 - 1/4 (0.191 mi.)	D22	41
CHRISMAN LINCOLN MER Database: UST, Date of Government Version: 02/06/2019 Tank Status: Currently In Use Tank Status: Removed from Ground Facility Type: CLOSED Facility Id: 00003791	1185 S ROCHESTER RD	S 1/8 - 1/4 (0.210 mi.)	E25	47
BILL FOX CHEVROLET I Database: UST, Date of Government Version: 02/06/2019 Tank Status: Currently In Use Tank Status: Removed from Ground Facility Type: ACTIVE Facility Id: 00003748	725 S ROCHESTER RD	N 1/8 - 1/4 (0.241 mi.)	F30	63

EXECUTIVE SUMMARY

State and tribal institutional control / engineering control registries

AUL: A listing of sites with institutional and/or engineering controls in place.

A review of the AUL list, as provided by EDR, and dated 03/19/2019 has revealed that there is 1 AUL site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SPEEDWAY #8832 Facility ID: 00016359	1010 S ROCHESTER RD	SSW 0 - 1/8 (0.042 mi.)	B10	18

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 12/17/2018 has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CRISSMAN LINCOLN MER ACRES property ID: 113893	1185 S. ROCHESTER RO	S 1/8 - 1/4 (0.210 mi.)	E27	55

Local Lists of Hazardous waste / Contaminated Sites

PART 201: A Part 201 Listed site is a location that has been evaluated and scored by the DEQ using the Part 201 scoring model. The location is or includes a "facility" as defined by Part 201, where there has been a release of a hazardous substance(s) in excess of the Part 201 residential criteria, and/or where corrective actions have not been completed under Part 201 to meet the applicable cleanup criteria for unrestricted residential use. The Part 201 List does not include all of the sites of contamination that are subject to regulation under Part 201 because owners are not required to inform the DEQ about the sites and can pursue cleanup independently. Sites of environmental contamination that are not known to DEQ are not on the list, nor are sites with releases that resulted in low environmental impact.

A review of the PART 201 list, as provided by EDR, and dated 10/01/2013 has revealed that there is 1 PART 201 site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ITT AUTOMOTIVE Facility Status: Remedial Action in Progress (may incl. use restrictions, O&M and/or monitoring) Facility ID: 63000881	301 EAST THIRD STREE	N 1/2 - 1 (0.874 mi.)	34	70

EXECUTIVE SUMMARY

INVENTORY: The Inventory of Facilities has three data sources: Facilities under Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA) identified through state funded or private party response activities (Projects); Facilities under Part 213, Leaking Underground Storage Tanks of the NREPA; and Facilities identified through submittals of Baseline Environmental Assessments (BEA) submitted pursuant to Part 201 or Part 213 of the NREPA. The Part 201 Projects Inventory does not include all of the facilities that are subject to regulation under Part 201 because owners are not required to inform the Department of Environmental Quality (DEQ) about the facilities and can pursue cleanup independently. Facilities that are not known to DEQ are not on the Inventory, nor are locations with releases that resulted in low environmental impact. Part 213 facilities listed here may have more than one release; a list of releases for which corrective actions have been completed and list of releases for which corrective action has not been completed is located on the Leaking Underground Storage Tanks Site Search webpage. The DEQ may or may not have reviewed and concurred with the conclusion that the corrective actions described in a closure report meets criteria. A BEA is a document that new or prospective property owners/operations disclose to the DEQ identifying the property as a facility pursuant to Part 201 and Part 213. The Inventory of BEA Facilities overlaps in part with the Part 201 Projects facilities and Part 213 facilities. There may be more than one BEA for each facility.

A review of the INVENTORY list, as provided by EDR, and dated 04/23/2019 has revealed that there are 6 INVENTORY sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SPEEDWAY #8832 Facility ID: 00016387	1010 S ROCHESTER RD	SSW 0 - 1/8 (0.042 mi.)	B10	18
FOX TOYOTA/FOX VOLKS 770 SOUTH ROCHESTER	755 AND 773 SOUTH RO 770 SOUTH ROCHESTER	N 1/8 - 1/4 (0.176 mi.) N 1/8 - 1/4 (0.178 mi.)	D19 D20	40 40
FOX TOYOTA/FOX VOLKS BILL FOX AMC INC Facility ID: 00007644	755 ROCHESTER ROAD 755 S ROCHESTER RD	N 1/8 - 1/4 (0.191 mi.) N 1/8 - 1/4 (0.191 mi.)	D21 D22	41 41
ROCHESTER GLASS WORK Facility ID: 50002234	560 S ROCHESTER RD	N 1/4 - 1/2 (0.391 mi.)	32	69

DEL PART 201: A deleted site has been removed from the Part 201 List because information known to the DEQ at the time of the evaluation does not support inclusion on the Part 201 List. This designation is often applied to sites where changes in cleanup criteria resulted in a determination that the site no longer exceeds any applicable cleanup criterion. A delisted site has been removed from the Part 201 List because response actions have reduced the levels of contaminants to concentrations which meet or are below the criteria for unrestricted residential use.

A review of the DEL PART 201 list, as provided by EDR, and dated 08/01/2013 has revealed that there is 1 DEL PART 201 site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WP BURKE CO Facility Id: 63000175 Facility Id: 63000829	93 MILL STREET	N 1/2 - 1 (0.708 mi.)	33	70

EXECUTIVE SUMMARY

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/25/2019 has revealed that there are 4 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DETROIT BROACH & MAC EPA ID:: MID041115361	950 S ROCHESTER RD	NW 0 - 1/8 (0.015 mi.)	A9	16

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PENSKE AUTO CENTER EPA ID:: MIR000010850	1100 S ROCHESTER RD	SSW 0 - 1/8 (0.088 mi.)	B14	30
CRISSMAN LINCOLN MER EPA ID:: MID052048972	1185 S ROCHESTER RD	S 1/8 - 1/4 (0.210 mi.)	E26	53
LIFETIME FITNESS EPA ID:: MIK992176982	200 W AVON RD	WNW 1/8 - 1/4 (0.220 mi.)	28	58

BEA: A BEA is a document that new or prospective property owners/operations disclose to the DEQ identifying the property as a facility pursuant to Part 201 and Part 213. The Inventory of BEA Facilities overlaps in part with the Part 201 Projects facilities and Part 213 facilities. There may be more than one BEA for each facility.

A review of the BEA list, as provided by EDR, and dated 08/21/2013 has revealed that there are 3 BEA sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FOX TOYOTA/FOX VOLKS	755 AND 773 SOUTH RO	N 1/8 - 1/4 (0.176 mi.)	D18	40
FOX TOYOTA/FOX VOLKS	755 ROCHESTER ROAD	N 1/8 - 1/4 (0.191 mi.)	D21	41
ROCHESTER GLASS WORK	560 S ROCHESTER RD	N 1/4 - 1/2 (0.391 mi.)	32	69

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk

EXECUTIVE SUMMARY

Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

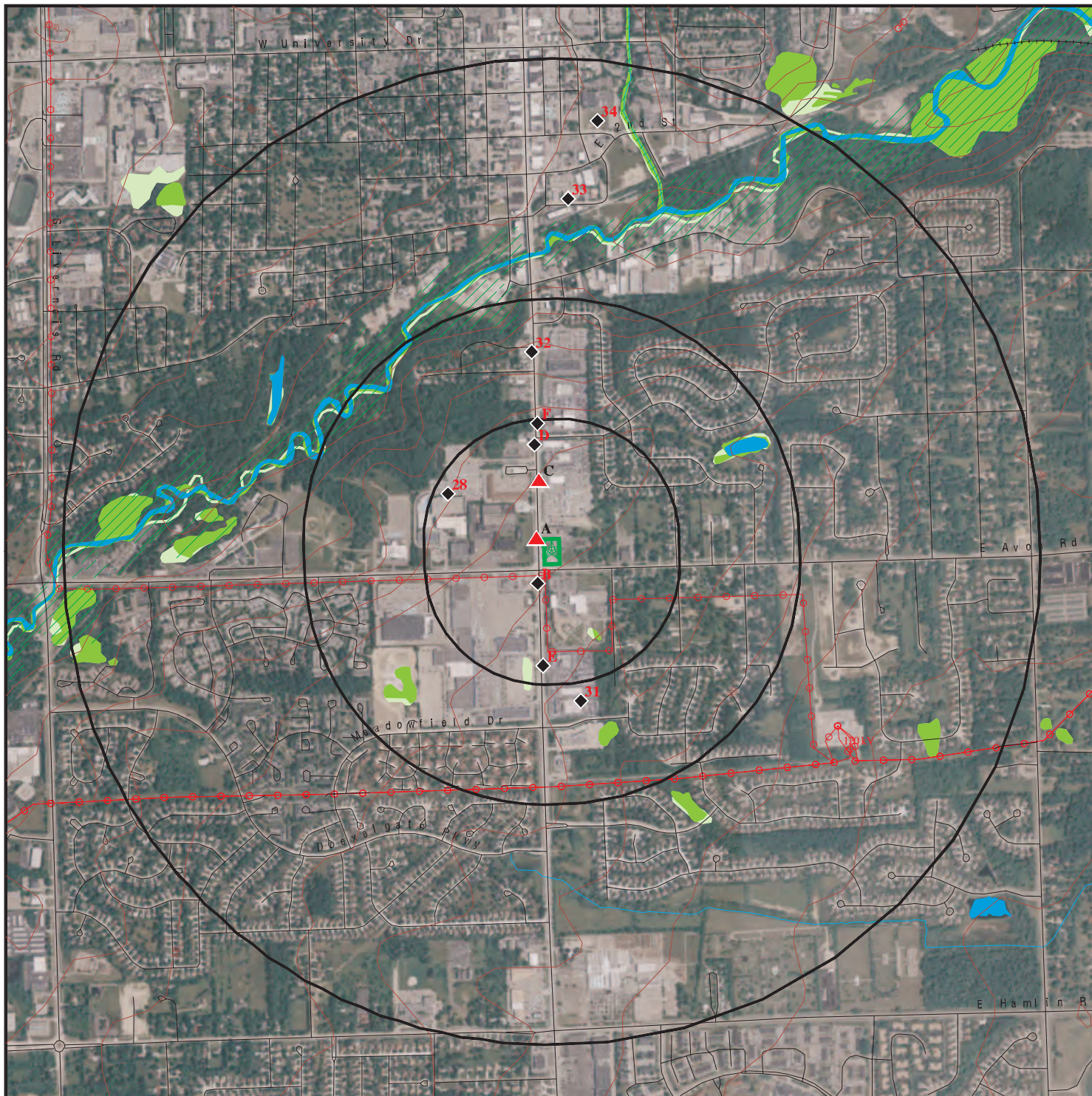
A review of the EDR Hist Auto list, as provided by EDR, has revealed that there is 1 EDR Hist Auto site within approximately 0.125 miles of the target property.













<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SPEEDWAY SUPERAMERIC	1010 N ROCHESTER RD	SSW 0 - 1/8 (0.042 mi.)	B11	27

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 05753114.2R



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  Power transmission lines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands










This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.








SITE NAME: 945 and 975 South Rochester Road
 ADDRESS: 945 and 975 South Rochester Road
 Rochester Hills MI 48307
 LAT/LONG: 42.666854 / 83.132662

CLIENT: PM Environmental, Inc.
 CONTACT: Josephine Hamilton
 INQUIRY #: 05753114.2r
 DATE: August 15, 2019 8:08 am

DETAIL MAP - 05753114.2R



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

- 
-  Indian Reservations BIA
-  Power transmission lines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands



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SITE NAME: 945 and 975 South Rochester Road
 ADDRESS: 945 and 975 South Rochester Road
 Rochester Hills MI 48307
 LAT/LONG: 42.666854 / 83.132662

CLIENT: PM Environmental, Inc.
 CONTACT: Josephine Hamilton
 INQUIRY #: 05753114.2r
 DATE: August 15, 2019 8:09 am

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	2	NR	NR	NR	2
RCRA-CESQG	0.250		3	1	NR	NR	NR	4
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500	1	2	2	2	NR	NR	7
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST	0.250	1	4	3	NR	NR	NR	8
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
AUL	0.500	1	1	0	0	NR	NR	2
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	1	0	NR	NR	1
Local Lists of Landfill / Solid Waste Disposal Sites								
HIST LF	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
PART 201	1.000		0	0	0	1	NR	1
INVENTORY	0.500	1	1	4	1	NR	NR	7
CDL	TP		NR	NR	NR	NR	NR	0
DEL PART 201	1.000		0	0	0	1	NR	1
US CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		2	2	NR	NR	NR	4
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
ASBESTOS	TP		NR	NR	NR	NR	NR	0
BEA	0.500		0	2	1	NR	NR	3
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	TP	1	NR	NR	NR	NR	NR	1
LEAD	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
WDS	TP	1	NR	NR	NR	NR	NR	1

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125	1	1	NR	NR	NR	NR	2
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
RGA PART 201	TP		NR	NR	NR	NR	NR	0
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP	2	NR	NR	NR	NR	NR	2
- Totals --		9	14	17	4	2	0	46

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1 **EXPRESS 100 INC.**
Target **975 S ROCHESTER RD**
Property **ROCHESTER HILLS, MI 48307**

LUST **U003321495**
UST **N/A**
INVENTORY

Site 1 of 9 in cluster A

Actual:
843 ft.

LUST:

Facility ID: 00009055
Source: STATE OF MICHIGAN
Owner Name: Safeway Acquisitions Group LLC
Owner Address: 8700 Brandt
Owner City,St,Zip: Dearborn, MI 48126
Owner Contact: Tim McCafferty
Owner Phone: (313) 624-9911
Country: USA
District: Southeast MI
Site Name: Shell Service Station
Latitude: 42.66660
Longitude: -83.13257
Date of Collection: 02/22/2007
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-0214-96
Release Date: 04/08/1996
Substance Released: Used Oil
Release Status: Closed
Release Closed Date: 02/17/2005

Leak Number: C-0252-96
Release Date: 04/24/1996
Substance Released: Gasoline
Release Status: Closed
Release Closed Date: 02/17/2005

UST:

Facility Type: ACTIVE
Facility ID: 00009055
Facility Region: 1
Owner Name: SAFEWAY ACQUISITIONS GROUP LLC
Owner Address: 8700 BRANDT
Owner City: DEARBORN
Owner State: MI
Owner Zip: 48126
Owner Contact: Not reported
Owner Phone: 3136249911
Contact: Joe Yassin
Contact Phone: (313) 995-3756
Date of Collection: 02/22/2007
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXPRESS 100 INC. (Continued)

U003321495

District: Region 1 - SE Michigan District Office
Tank ID: 6
Capacity: 8000
Tank Status: Currently In Use
Substance: Diesel,Other(Premium Gasoline)
Install Date: 08/11/2008
Remove Date: Not reported
Tank Number: UTK-138961-15
Tank Details Compartments: Not reported
Tank Release Detection: Interstitial Monitoring Double Walled Tank/Piping,Inventory Control
Pipe Release Detection: Automatic Line Leak Detectors,Interstitial Monitoring Double Walled Piping,Other

Piping Material: Double Walled,Fiberglass Reinforced Plastic,Flexible Piping
Piping Type: Pressure (Remote)
Tank Construction: Composite (Steel With Fiberglass),Double Walled,Other
Impressed Device: Not reported
Latitude: 42.66660
Longitude: -83.13257

Facility Type: ACTIVE
Facility ID: 00009055
Facility Region: 1
Owner Name: SAFEWAY ACQUISITIONS GROUP LLC
Owner Address: 8700 BRANDT
Owner City: DEARBORN
Owner State: MI
Owner Zip: 48126
Owner Contact: Not reported
Owner Phone: 3136249911
Contact: Joe Yassin
Contact Phone: (313) 995-3756
Date of Collection: 02/22/2007
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off
District: Region 1 - SE Michigan District Office
Tank ID: 5
Capacity: 10000
Tank Status: Currently In Use
Substance: Gasoline
Install Date: 05/01/1996
Remove Date: Not reported
Tank Number: UTK-085883-15
Tank Details Compartments: Not reported
Tank Release Detection: Automatic Tank Gauging,Inventory Control
Pipe Release Detection: Automatic Line Leak Detectors,Line Tightness Testing,Other
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Pressure (Remote)
Tank Construction: Fiberglass Reinforced Plastic,Other
Impressed Device: Not reported
Latitude: 42.66660
Longitude: -83.13257

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXPRESS 100 INC. (Continued)

U003321495

Facility Type: ACTIVE
Facility ID: 00009055
Facility Region: 1
Owner Name: SAFEWAY ACQUISITIONS GROUP LLC
Owner Address: 8700 BRANDT
Owner City: DEARBORN
Owner State: MI
Owner Zip: 48126
Owner Contact: Not reported
Owner Phone: 3136249911
Contact: Joe Yassin
Contact Phone: (313) 995-3756
Date of Collection: 02/22/2007
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off
District: Region 1 - SE Michigan District Office
Tank ID: 4
Capacity: 1000
Tank Status: Removed from Ground
Substance: Used Oil
Install Date: 04/09/1977
Remove Date: 05/01/1996
Tank Number: UTK-007985-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Pressure (Remote)
Tank Construction: Asphalt Coated or Bare Steel
Impressed Device: Not reported
Latitude: 42.66660
Longitude: -83.13257

Facility Type: ACTIVE
Facility ID: 00009055
Facility Region: 1
Owner Name: SAFEWAY ACQUISITIONS GROUP LLC
Owner Address: 8700 BRANDT
Owner City: DEARBORN
Owner State: MI
Owner Zip: 48126
Owner Contact: Not reported
Owner Phone: 3136249911
Contact: Joe Yassin
Contact Phone: (313) 995-3756
Date of Collection: 02/22/2007
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXPRESS 100 INC. (Continued)

U003321495

Method of Collection: GPS Code Meas. Standard Positioning Service SA Off
District: Region 1 - SE Michigan District Office
Tank ID: 3
Capacity: 6000
Tank Status: Removed from Ground
Substance: Gasoline
Install Date: 04/09/1977
Remove Date: 06/11/2008
Tank Number: UTK-085876-15
Tank Details Compartments: Not reported
Tank Release Detection: Automatic Tank Gauging,Inventory Control
Pipe Release Detection: Automatic Line Leak Detectors,Line Tightness Testing,Other
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Pressure (Remote)
Tank Construction: Asphalt Coated or Bare Steel,Lined Interior,Other
Impressed Device: Not reported
Latitude: 42.66660
Longitude: -83.13257

Facility Type: ACTIVE
Facility ID: 00009055
Facility Region: 1
Owner Name: SAFEWAY ACQUISITIONS GROUP LLC
Owner Address: 8700 BRANDT
Owner City: DEARBORN
Owner State: MI
Owner Zip: 48126
Owner Contact: Not reported
Owner Phone: 3136249911
Contact: Joe Yassin
Contact Phone: (313) 995-3756
Date of Collection: 02/22/2007
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off
District: Region 1 - SE Michigan District Office
Tank ID: 2
Capacity: 10000
Tank Status: Removed from Ground
Substance: Gasoline
Install Date: 04/09/1977
Remove Date: 06/11/2008
Tank Number: UTK-085869-15
Tank Details Compartments: Not reported
Tank Release Detection: Automatic Tank Gauging,Inventory Control,Manual (Static) Tank Gauging,Tank Tightness Testing
Pipe Release Detection: Automatic Line Leak Detectors,Line Tightness Testing,Other
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Pressure (Remote)
Tank Construction: Asphalt Coated or Bare Steel,Lined Interior,Other
Impressed Device: Not reported
Latitude: 42.66660
Longitude: -83.13257

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXPRESS 100 INC. (Continued)

U003321495

Facility Type: ACTIVE
Facility ID: 00009055
Facility Region: 1
Owner Name: SAFEWAY ACQUISITIONS GROUP LLC
Owner Address: 8700 BRANDT
Owner City: DEARBORN
Owner State: MI
Owner Zip: 48126
Owner Contact: Not reported
Owner Phone: 3136249911
Contact: Joe Yassin
Contact Phone: (313) 995-3756
Date of Collection: 02/22/2007
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off
District: Region 1 - SE Michigan District Office
Tank ID: 1
Capacity: 10000
Tank Status: Removed from Ground
Substance: Gasoline
Install Date: 04/09/1977
Remove Date: 05/01/1996
Tank Number: UTK-031219-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Bare Steel
Piping Type: Pressure (Remote)
Tank Construction: Asphalt Coated or Bare Steel,Fiberglass Reinforced Plastic
Impressed Device: Not reported
Latitude: 42.66660
Longitude: -83.13257

INVENTORY:

Bea Number: Not reported
Township: Not reported
District: Southeast MI
Data Source: Part 213
Latitude: 42.6666
Longitude: -83.13257

**A2
Target
Property**

**FORMER SHELL 975 ROCHESTER RD. #138063
975 ROCHESTER ROAD
ROCHESTER HILLS, MI 48037**

**AUL S109846134
N/A**

Site 2 of 9 in cluster A

**Actual:
843 ft.**

AUL:

Name: FORMER SHELL 975 ROCHESTER RD. #138063
Address: 975 ROCHESTER ROAD
City,State,Zip: ROCHESTER HILLS, MI 48037
Status: Recorded

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FORMER SHELL 975 ROCHESTER RD. #138063 (Continued)

S109846134

Site Name:	Not reported
Property:	Former Shell 975 Rochester Rd. #138063
Land Use Restriction Type:	RC
Program Type:	Part 213
Program Support Assigned User:	Nicholas Swartz
Program Support Assigned Date:	05/27/2009
Legal Description Of Property:	Migrated
Based On The Deq Ref #:	11121305182
MDEQ Reference Number:	RC-RRD-213-05-182
Property Or Description Restricted Area:	Migrated
Lead Division:	STD
File Name Of Hyperlinked Legal Doc:	U:\kermi\11121305182.pdf
Mapped Polygons Area In Acres:	0.503700000000000004
Mapped Polygons Area In Square Miles:	0.0008
Date Data Entry Started:	05/27/2009
Date Data Entry Finished:	05/27/2009
Individual Or Staff Assoc With The Mapping:	Nicholas Swartz
Program Used To Map Restricted Features:	ArcInfo 9.3 and IcoMap 4.2
Date Legal Paperwork Stamped/Filed/Register Of Deeds:	08/12/2004
Commercial I Land Use Restriction:	1
Commercial Ii Land Use Restriction:	0
Commercial Iii Land Use Restriction:	1
Commercial Iv Land Use Restriction:	0
Industrial Land Use Restriction:	0
Residential Land Use Restriction:	1
Recreational Land Use Restriction:	0
Multiple Land-Use Restrictions:	0
Site Specific Restrictions:	1
Groundwater Consumption Restrictions:	1
Groundwater Contact Restrictions:	0
Special Well Construction Requirements:	0
Special Building Restrictions:	0
Excavation And Soil Movement Restrictions:	0
Soil Movement Requirements:	1
There Is A Restriction On All Construction:	0
Monitoring Well Protected, No Tampering Or Removal:	0
There Is An Exposure Barrier In Place:	1
There Is A Health And Safety Plan:	1
There Is A Permanent Marker On The Site:	0
Comment:	Request received on 9/6/2005
Map Comments:	Land restriction has not been mapped in kermi as of February 4, 2008. LUR is mapped in KERMIT as of 20090527 - Nick Swartz

**A3
 Target
 Property**

**SHELL SERVICE STATION
 975 S ROCHESTER RD
 ROCHESTER, MI**

**RGA LUST S115693805
 N/A**

Site 3 of 9 in cluster A

**Actual:
 843 ft.**

RGA LUST:	2012	SHELL SERVICE STATION	975 S ROCHESTER RD
	2011	SHELL SERVICE STATION	975 S ROCHESTER RD
	2010	SHELL SERVICE STATION	975 S ROCHESTER RD
	2009	SHELL SERVICE STATION	975 S ROCHESTER RD
	2008	SHELL SERVICE STATION	975 S ROCHESTER RD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A4
Target
Property

ROCHESTER HILLS INC
975 S ROCHESTER RD
ROCHESTER, MI 48063

EDR Hist Auto **1020413336**
N/A

Site 4 of 9 in cluster A

Actual: EDR Hist Auto
843 ft.

Year:	Name:	Type:
1971	A & M TEXACO SERVICE	Gasoline Service Stations
1972	ROCHESTER HILLS INC	Gasoline Service Stations
1973	ROCHESTER HILLS INC	Gasoline Service Stations
1974	ROCHESTER HILLS INC	Gasoline Service Stations
1975	ROCHESTER HILLS INC	Gasoline Service Stations
1976	ROCHESTER HILLS INC	Gasoline Service Stations
1977	ROCHESTER HILLS INC	Gasoline Service Stations
1979	PULGRINIS ROCHESTER SHELL	Gasoline Service Stations
1980	PULGRINIS ROCHESTER SHELL	Gasoline Service Stations
1982	PULGRINIS ROCHESTER SHELL	Gasoline Service Stations
1983	PULGRINIS ROCHESTER SHELL	Gasoline Service Stations
1986	WINCHESTER SHELL	General Automotive Repair Shops
1987	WINCHESTER SHELL	General Automotive Repair Shops
1988	WINCHESTER SHELL	General Automotive Repair Shops
1989	REGO ENTERPRISE INC	General Automotive Repair Shops
1990	REGO ENTERPRISE INC	Gasoline Service Stations
1991	REGO ENTERPRISE INC	Gasoline Service Stations
1995	ROCHESTER & AVON SHELL	Gasoline Service Stations
2005	AVON & ROCHESTER SHELL	Gasoline Service Stations
2006	AVON & ROCHESTER SHELL	Gasoline Service Stations
2007	AVON & ROCHESTER SHELL	Gasoline Service Stations
2008	AVON & ROCHESTER SHELL	Gasoline Service Stations
2009	AVON & ROCHESTER SHELL	Gasoline Service Stations
2012	SHELL GAS STATION	Gasoline Service Stations
2013	A M Y PLUS INC	Gasoline Service Stations
2013	SHELL GAS STATION	Gasoline Service Stations
2014	SHELL GAS STATION	Gasoline Service Stations, NEC
2014	A M Y PLUS INC	Gasoline Service Stations

A5
Target
Property

EQUILON ENTERPRISES LLC
975 S ROCHESTER RD
ROCHESTER HILLS, MI 48307

WDS **S111952903**
N/A

Site 5 of 9 in cluster A

Actual: WDS:
843 ft.

Site Id: MIG000008833
WMD Id: 426933
Site Specific Name: EQUILON ENTERPRISES
Mailing Address: 975 S ROCHESTER RD
Mailing City/State/Zip: 48307
Mailing County: OAKLAND

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

A6 **EXPRESS 100 INC.**
Target **975 S ROCHESTER RD**
Property **ROCHESTER HILLS, MI 48307**

Financial Assurance **S121113796**
N/A

Site 6 of 9 in cluster A

Actual:
843 ft.

A7 **SHELL SERVICE STATION**
Target **975 S ROCHESTER**
Property **ROCHESTER, MI**

RGA LUST **S115693807**
N/A

Site 7 of 9 in cluster A

Actual:
843 ft.

RGA LUST:

2007	SHELL SERVICE STATION	975 S ROCHESTER
2006	SHELL SERVICE STATION	975 S ROCHESTER
2005	SHELL SERVICE STATION	975 S ROCHESTER

A8 **SANYO MACHINE AMERICA CORP.**
NW **950 S ROCHESTER RD**
< 1/8 **ROCHESTER HILLS, MI 48307**
0.015 mi.

UST **U003866375**
N/A

80 ft.

Site 8 of 9 in cluster A

Relative:
Higher

UST:

Facility Type:	CLOSED
Facility ID:	00002684
Facility Region:	1
Owner Name:	SANYO MACHINE AMERICA CORP
Owner Address:	950 S ROCHESTER RD
Owner City:	ROCHESTER HILLS
Owner State:	MI
Owner Zip:	48307-2742
Owner Contact:	Not reported
Owner Phone:	3136515911
Contact:	KEITH STIEBER
Contact Phone:	(313) 651-5911
Date of Collection:	01/11/2001
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	Address Matching-House Number
District:	Region 1 - SE Michigan District Office
Tank ID:	2
Capacity:	2000
Tank Status:	Temporarily Out of Use
Substance:	Other(WASTE WATER)
Install Date:	01/12/1968
Remove Date:	Not reported
Tank Number:	UTK-079327-15
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Unknown
Piping Type:	Not reported

Actual:
846 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SANYO MACHINE AMERICA CORP. (Continued)

U003866375

Tank Construction: Asphalt Coated or Bare Steel
Impressed Device: Not reported
Latitude: 42.66715
Longitude: -83.13345

Facility Type: CLOSED
Facility ID: 00002684
Facility Region: 1
Owner Name: SANYO MACHINE AMERICA CORP
Owner Address: 950 S ROCHESTER RD
Owner City: ROCHESTER HILLS
Owner State: MI
Owner Zip: 48307-2742
Owner Contact: Not reported
Owner Phone: 3136515911
Contact: KEITH STIEBER
Contact Phone: (313) 651-5911
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 1
Capacity: 2000
Tank Status: Temporarily Out of Use
Substance: Other(WASTE WATER)
Install Date: 01/12/1968
Remove Date: Not reported
Tank Number: UTK-079322-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Unknown
Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel
Impressed Device: Not reported
Latitude: 42.66715
Longitude: -83.13345

A9
NW
< 1/8
0.015 mi.
80 ft.

DETROIT BROACH & MACHINE TOOL CO
950 S ROCHESTER RD
ROCHESTER HILLS, MI 48307

RCRA NonGen / NLR 1000367023
FINDS MID041115361
ECHO

Site 9 of 9 in cluster A

Relative:
Higher

RCRA NonGen / NLR:

Date form received by agency: 08/18/1980
Facility name: DETROIT BROACH & MACHINE TOOL CO
Facility address: 950 S ROCHESTER RD
ROCHESTER HILLS, MI 48307

Actual:
846 ft.

EPA ID: MID041115361
Contact: EARL RHODES
Contact address: 950 S ROCHESTER RD
ROCHESTER HILLS, MI 48307

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DETROIT BROACH & MACHINE TOOL CO (Continued)

1000367023

Contact country: US
Contact telephone: 313-651-9211
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/03/1970
Owner/Op end date: Not reported

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/03/1970
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DETROIT BROACH & MACHINE TOOL CO (Continued)

1000367023

Violation Status: No violations found

FINDS:

Registry ID: 110070342345

Environmental Interest/Information System
 OSHA ESTABLISHMENT

Registry ID: 110006514735

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000367023
 Registry ID: 110006514735
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110006514735>

B10
SSW
 < 1/8
 0.042 mi.
 220 ft.

SPEEDWAY #8832
1010 S ROCHESTER RD
ROCHESTER HILLS, MI 48307
 Site 1 of 5 in cluster B

LUST **U003426018**
UST **N/A**
AUL
INVENTORY
AIRS
Financial Assurance

Relative:
Lower

LUST:

Actual:
841 ft.

Facility ID: 00016387
 Source: STATE OF MICHIGAN
 Owner Name: Speedway LLC
 Owner Address: 500 Speedway Drive
 Owner City,St,Zip: Enon, OH 45323
 Owner Contact: Not reported
 Owner Phone: (937) 864-3000
 Country: USA
 District: Southeast MI
 Site Name: Speedway #8832
 Latitude: 42.66581
 Longitude: -83.13356
 Date of Collection: 10/01/2007
 Method of Collection: GPS Code Meas. Standard Positioning Service SA Off
 Accuracy: 100
 Accuracy Value Unit: FEET
 Horizontal Data: NAD83
 Point Line Area: POINT
 Desc Category: Plant Entrance (Freight)

Leak Number: C-0183-14
 Release Date: 12/12/2014

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY #8832 (Continued)

U003426018

Substance Released: Gasoline,Gasoline,Diesel
Release Status: Open
Release Closed Date: Not reported

Leak Number: C-2333-91
Release Date: 11/05/1991
Substance Released: Unknown,Unknown
Release Status: Open
Release Closed Date: Not reported

UST:

Facility Type: ACTIVE
Facility ID: 00016387
Facility Region: 1
Owner Name: SPEEDWAY LLC
Owner Address: PO BOX 1500
Owner City: SPRINGFIELD
Owner State: OH
Owner Zip: 45501
Owner Contact: Not reported
Owner Phone: 9378643000
Contact: Eric Swaisgood
Contact Phone: (937) 863-6513
Date of Collection: 10/01/2007
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off
District: Region 1 - SE Michigan District Office
Tank ID: 9
Capacity: 8000
Tank Status: Currently In Use
Substance: Diesel
Install Date: 05/17/1993
Remove Date: Not reported
Tank Number: UTK-036098-15
Tank Details Compartments: Not reported
Tank Release Detection: Automatic Tank Gauging,Inventory Control
Pipe Release Detection: Automatic Line Leak Detectors,Other
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Pressure (Remote)
Tank Construction: Cathodically Protected Steel,Description of Other Construction,Other
Impressed Device: Yes
Latitude: 42.66581
Longitude: -83.13356

Facility Type: ACTIVE
Facility ID: 00016387
Facility Region: 1
Owner Name: SPEEDWAY LLC
Owner Address: PO BOX 1500
Owner City: SPRINGFIELD
Owner State: OH
Owner Zip: 45501
Owner Contact: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY #8832 (Continued)

U003426018

Owner Phone: 9378643000
Contact: Eric Swaisgood
Contact Phone: (937) 863-6513
Date of Collection: 10/01/2007
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off
District: Region 1 - SE Michigan District Office
Tank ID: 8
Capacity: 8000
Tank Status: Currently In Use
Substance: Gasoline
Install Date: 05/17/1993
Remove Date: Not reported
Tank Number: UTK-042881-15
Tank Details Compartments: Not reported
Tank Release Detection: Automatic Tank Gauging,Inventory Control
Pipe Release Detection: Automatic Line Leak Detectors,Other
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Pressure (Remote)
Tank Construction: Cathodically Protected Steel,Description of Other Construction,Other
Impressed Device: Yes
Latitude: 42.66581
Longitude: -83.13356

Facility Type: ACTIVE
Facility ID: 00016387
Facility Region: 1
Owner Name: SPEEDWAY LLC
Owner Address: PO BOX 1500
Owner City: SPRINGFIELD
Owner State: OH
Owner Zip: 45501
Owner Contact: Not reported
Owner Phone: 9378643000
Contact: Eric Swaisgood
Contact Phone: (937) 863-6513
Date of Collection: 10/01/2007
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off
District: Region 1 - SE Michigan District Office
Tank ID: 7
Capacity: 15000
Tank Status: Currently In Use
Substance: Gasoline
Install Date: 05/17/1993
Remove Date: Not reported
Tank Number: UTK-017345-15

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY #8832 (Continued)

U003426018

Tank Details Compartments: Not reported
Tank Release Detection: Automatic Tank Gauging,Inventory Control
Pipe Release Detection: Automatic Line Leak Detectors,Other
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Pressure (Remote)
Tank Construction: Cathodically Protected Steel,Description of Other Construction,Other
Impressed Device: Not reported
Latitude: 42.66581
Longitude: -83.13356

Facility Type: ACTIVE
Facility ID: 00016387
Facility Region: 1
Owner Name: SPEEDWAY LLC
Owner Address: PO BOX 1500
Owner City: SPRINGFIELD
Owner State: OH
Owner Zip: 45501
Owner Contact: Not reported
Owner Phone: 9378643000
Contact: Eric Swaisgood
Contact Phone: (937) 863-6513
Date of Collection: 10/01/2007
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off
District: Region 1 - SE Michigan District Office
Tank ID: 6
Capacity: 550
Tank Status: Removed from Ground
Substance: Used Oil
Install Date: 04/22/1971
Remove Date: 05/12/1993
Tank Number: UTK-045913-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel
Impressed Device: Not reported
Latitude: 42.66581
Longitude: -83.13356

Facility Type: ACTIVE
Facility ID: 00016387
Facility Region: 1
Owner Name: SPEEDWAY LLC
Owner Address: PO BOX 1500
Owner City: SPRINGFIELD
Owner State: OH
Owner Zip: 45501
Owner Contact: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY #8832 (Continued)

U003426018

Owner Phone: 9378643000
Contact: Eric Swaisgood
Contact Phone: (937) 863-6513
Date of Collection: 10/01/2007
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off
District: Region 1 - SE Michigan District Office
Tank ID: 5
Capacity: 4000
Tank Status: Removed from Ground
Substance: Gasoline
Install Date: 04/22/1971
Remove Date: 05/12/1993
Tank Number: UTK-093603-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel,Lined Interior
Impressed Device: Not reported
Latitude: 42.66581
Longitude: -83.13356

Facility Type: ACTIVE
Facility ID: 00016387
Facility Region: 1
Owner Name: SPEEDWAY LLC
Owner Address: PO BOX 1500
Owner City: SPRINGFIELD
Owner State: OH
Owner Zip: 45501
Owner Contact: Not reported
Owner Phone: 9378643000
Contact: Eric Swaisgood
Contact Phone: (937) 863-6513
Date of Collection: 10/01/2007
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off
District: Region 1 - SE Michigan District Office
Tank ID: 4
Capacity: 8000
Tank Status: Removed from Ground
Substance: Gasoline
Install Date: 04/22/1971
Remove Date: 05/12/1993
Tank Number: UTK-028656-15

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY #8832 (Continued)

U003426018

Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Fiberglass Reinforced Plastic
Piping Type:	Not reported
Tank Construction:	Asphalt Coated or Bare Steel,Lined Interior
Impressed Device:	Not reported
Latitude:	42.66581
Longitude:	-83.13356
Facility Type:	ACTIVE
Facility ID:	00016387
Facility Region:	1
Owner Name:	SPEEDWAY LLC
Owner Address:	PO BOX 1500
Owner City:	SPRINGFIELD
Owner State:	OH
Owner Zip:	45501
Owner Contact:	Not reported
Owner Phone:	9378643000
Contact:	Eric Swaisgood
Contact Phone:	(937) 863-6513
Date of Collection:	10/01/2007
Accuracy:	100
Horizontal Datum:	NAD83
Accuracy Value Unit:	FEET
Source:	STATE OF MICHIGAN
Point Line Area:	POINT
Desc Category:	Plant Entrance (Freight)
Method of Collection:	GPS Code Meas. Standard Positioning Service SA Off
District:	Region 1 - SE Michigan District Office
Tank ID:	3
Capacity:	8000
Tank Status:	Removed from Ground
Substance:	Gasoline
Install Date:	04/22/1971
Remove Date:	05/12/1993
Tank Number:	UTK-093597-15
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Fiberglass Reinforced Plastic
Piping Type:	Not reported
Tank Construction:	Asphalt Coated or Bare Steel,Lined Interior
Impressed Device:	Not reported
Latitude:	42.66581
Longitude:	-83.13356
Facility Type:	ACTIVE
Facility ID:	00016387
Facility Region:	1
Owner Name:	SPEEDWAY LLC
Owner Address:	PO BOX 1500
Owner City:	SPRINGFIELD
Owner State:	OH
Owner Zip:	45501
Owner Contact:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY #8832 (Continued)

U003426018

Owner Phone: 9378643000
Contact: Eric Swaisgood
Contact Phone: (937) 863-6513
Date of Collection: 10/01/2007
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off
District: Region 1 - SE Michigan District Office
Tank ID: 2
Capacity: 8000
Tank Status: Removed from Ground
Substance: Gasoline
Install Date: 04/22/1971
Remove Date: 05/12/1993
Tank Number: UTK-093594-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel,Lined Interior
Impressed Device: Not reported
Latitude: 42.66581
Longitude: -83.13356

Facility Type: ACTIVE
Facility ID: 00016387
Facility Region: 1
Owner Name: SPEEDWAY LLC
Owner Address: PO BOX 1500
Owner City: SPRINGFIELD
Owner State: OH
Owner Zip: 45501
Owner Contact: Not reported
Owner Phone: 9378643000
Contact: Eric Swaisgood
Contact Phone: (937) 863-6513
Date of Collection: 10/01/2007
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off
District: Region 1 - SE Michigan District Office
Tank ID: 1
Capacity: 4000
Tank Status: Removed from Ground
Substance: Gasoline
Install Date: 04/22/1971
Remove Date: 05/12/1993
Tank Number: UTK-048447-15

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY #8832 (Continued)

U003426018

Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel
Impressed Device: Not reported
Latitude: 42.66581
Longitude: -83.13356

AUL:

Name: SPEEDWAY LLC #8832
Address: 1010 ROCHESTER ROAD
City,State,Zip: ROCHESTER HILLS, MI 48307
Status: Pending
Site Name: Not reported
Property: off-site
Land Use Restriction Type: Other IC
Program Type: Part 213
Program Support Assigned User: Not reported
Program Support Assigned Date: Not reported
Legal Description Of Property: Not reported
Based On The Deq Ref #: 10121318007
MDEQ Reference Number: PHIC-RRD-213-18-007
Property Or Description Restricted Area: Not reported
Lead Division: RRD
File Name Of Hyperlinked Legal Doc: Not reported
Mapped Polygons Area In Acres: Not reported
Mapped Polygons Area In Square Miles: Not reported
Date Data Entry Started: Not reported
Date Data Entry Finished: Not reported
Individual Or Staff Assoc With The Mapping: Not reported
Program Used To Map Restricted Features: Not reported
Date Legal Paperwork Stamped/Filed/Register Of Deeds: Not reported
Commercial I Land Use Restriction: 0
Commercial Ii Land Use Restriction: 0
Commercial Iii Land Use Restriction: 0
Commercial Iv Land Use Restriction: 0
Industrial Land Use Restriction: 0
Residential Land Use Restriction: 0
Recreational Land Use Restriction: 0
Multiple Land-Use Restrictions: 0
Site Specific Restrictions: 0
Groundwater Consumption Restrictions: 0
Groundwater Contact Restrictions: 0
Special Well Construction Requirements: 0
Special Building Restrictions: 0
Excavation And Soil Movement Restrictions: 0
Soil Movement Requirements: 0
There Is A Restriction On All Construction: 0
Monitoring Well Protected, No Tampering Or Removal: 0
There Is An Exposure Barrier In Place: 0
There Is A Health And Safety Plan: 0
There Is A Permanent Marker On The Site: 0
Comment: 20180131 provided reference # for local ROW to consultant.
Map Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY #8832 (Continued)

U003426018

INVENTORY:

Bea Number: Not reported
Township: Not reported
District: Southeast MI
Data Source: Part 213
Latitude: 42.66581
Longitude: -83.13356

AIRS:

Name: SPEEDWAY SUPERAMERICA, LLC
Address: 1010 ROCHESTER ROAD
City,State,Zip: ROCHESTER HILLS, MI 48307
State Registration Number: N5497
Naics Code: Not reported
Contact Email: Not reported
Contact Name: BRYAN WITT
Contact Phone: 9378636507
Contact Address: P.O. BOX 1500
Contact City,St,Zip: SPRINGFIELD, OH 45501
Permit Number: 126-11
Date Received: 08/16/2011
Application Reason: GENERAL PTI - SOIL OR GROUNDWATER REMEDIATION
Record Type: Not reported
State County FIPS: Not reported
Facility Category: Not reported
SIC Primary: Not reported
Tribal Code: Not reported
Facility Status Code: Not reported
Facility Status: Active
Supplemental Location Text: SSA #8832
Business Name: Not reported
Principal Product: Not reported
Principal Product Description: Not reported
UTM Zone (Geo Coordinates Universal Transverse Mercator System): Not reported
UTM Horizontal Coord: Not reported
UTM Vertical Coord: Not reported
Mailing Name: Not reported
Mailing Contact Person: Not reported
Mailing Street: Not reported
Mailing City: Not reported
Mailing State: Not reported
Mailing Zip: Not reported
Mailing Zip 4 Extension: Not reported
Compliance Person: Not reported
Compliance Area Code: Not reported
Compliance Phone Number: Not reported
Emission Inventory Contact Person: Not reported
EI Contact Area Code: Not reported
EI Contact Phone Number: Not reported
Permit Contact Person: Not reported
Permit Contact Person Area Code: Not reported
Permit Contact Person Phone Number: Not reported
Federal Employer Id Number: Not reported
Of Employees: Not reported
Reporting Year: Not reported
Date Record Was Created: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

B11 **SPEEDWAY SUPERAMERICA LLC**
SSW **1010 N ROCHESTER RD**
< 1/8 **ROCHESTER, MI 48307**
0.042 mi.
220 ft. **Site 2 of 5 in cluster B**

EDR Hist Auto **1020555185**
N/A

Relative: EDR Hist Auto
Lower

Actual: 841 ft.	Year:	Name:	Type:
	1983	TOTAL PETROLEUM INC	Gasoline Service Stations
	1985	TOTAL PETROLEUM INC	Gasoline Service Stations
	1986	TOTAL PETROLEUM INC	Gasoline Service Stations
	1987	TOTAL PETROLEUM INC	Gasoline Service Stations
	1988	TOTAL PETROLEUM INC	Gasoline Service Stations
	1989	TOTAL PETROLEUM INC	Gasoline Service Stations
	1990	TOTAL PETROLEUM INC	Gasoline Service Stations
	1991	TOTAL PETROLEUM INC	Gasoline Service Stations
	1992	TOTAL PETROLEUM INC	Gasoline Service Stations
	1996	TOTAL PETROLEUM INC	Gasoline Service Stations
	1997	TOTAL PETROLEUM INC	Gasoline Service Stations
	1998	TOTAL PETROLEUM INC	Gasoline Service Stations
	1999	TOTAL PETROLEUM INC	Gasoline Service Stations
	2000	SPEEDWAY SUPERAMERICA LLC	Gasoline Service Stations
	2001	SPEEDWAY SUPERAMERICA LLC	Gasoline Service Stations
	2002	SPEEDWAY SUPERAMERICA LLC	Gasoline Service Stations
	2003	SPEEDWAY SUPERAMERICA LLC	Gasoline Service Stations, NEC
	2004	SPEEDWAY SUPERAMERICA LLC	Gasoline Service Stations, NEC
	2005	SPEEDWAY SUPERAMERICA LLC	Gasoline Service Stations, NEC
	2006	SPEEDWAY SUPERAMERICA LLC	Gasoline Service Stations, NEC
	2007	SPEEDWAY SUPERAMERICA LLC	Gasoline Service Stations, NEC
	2008	SPEEDWAY SUPERAMERICA LLC	Gasoline Service Stations, NEC
	2009	SPEEDWAY SUPERAMERICA LLC	Gasoline Service Stations, NEC
	2010	SPEEDWAY SUPERAMERICA LLC	Gasoline Service Stations, NEC
	2011	SPEEDWAY SUPERAMERICA LLC	Gasoline Service Stations, NEC
	2012	SPEEDWAY SUPERAMERICA LLC	Gasoline Service Stations, NEC
	2013	SPEEDWAY LLC	Gasoline Service Stations, NEC
	2014	SPEEDWAY LLC	Gasoline Service Stations, NEC

C12 **SPRINGFIELD INDUSTRIES LLC**
NNW **873 ROCHESTER RD**
< 1/8 **ROCHESTER HILLS, MI 48307**
0.076 mi.
401 ft. **Site 1 of 3 in cluster C**

RCRA-CESQG **1016169025**
FINDS **MIK158690277**
ECHO

Relative: RCRA-CESQG:
Lower

Actual: Date form received by agency: 06/27/2013
840 ft. Facility name: SPRINGFIELD INDUSTRIES LLC
Facility address: 873 ROCHESTER RD
ROCHESTER HILLS, MI 48307
EPA ID: MIK158690277
Contact: DOUG LARSEN
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 248-601-1445
Contact email: DOUGLARSEN@SPRINGFIELDINDUSTRIES.COM
EPA Region: 05
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time;

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPRINGFIELD INDUSTRIES LLC (Continued)

1016169025

or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: SPRINGFIELD INDUSTRIES LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 06/16/2006
Owner/Op end date: Not reported

Owner/operator name: SPRINGFIELD INDUSTRIES LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 06/16/2006
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPRINGFIELD INDUSTRIES LLC (Continued)

1016169025

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

FINDS:

Registry ID: 110055526596

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1016169025
Registry ID: 110055526596
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110055526596>

B13
South
< 1/8
0.087 mi.
461 ft.

LEADER DOG FOR THE BLIND
1039 S ROCHESTER RD
ROCHESTER HILLS, MI 48307

UST **U003324373**
N/A

Site 3 of 5 in cluster B

Relative:
Lower
Actual:
840 ft.

UST:

Facility Type: CLOSED
Facility ID: 00019352
Facility Region: 1
Owner Name: LEADER DOG FOR THE BLIND
Owner Address: 1039 S ROCHESTER RD
Owner City: ROCHESTER HILLS
Owner State: MI
Owner Zip: 48307-3115
Owner Contact: Not reported
Owner Phone: 2486519011
Contact: AL ARNOLD
Contact Phone: (248) 651-9011
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LEADER DOG FOR THE BLIND (Continued)

U003324373

Capacity: 1000
Tank Status: Removed from Ground
Substance: Gasoline
Install Date: 04/17/1985
Remove Date: 02/05/1999
Tank Number: UTK-009447-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel
Impressed Device: Not reported
Latitude: 42.66555
Longitude: -83.13301

B14
SSW
< 1/8
0.088 mi.
466 ft.

PENSKE AUTO CENTER
1100 S ROCHESTER RD
ROCHESTER HILLS, MI 48307
Site 4 of 5 in cluster B

RCRA NonGen / NLR **1004724695**
MIR000010850

Relative:
Lower
Actual:
840 ft.

RCRA NonGen / NLR:
Date form received by agency: 04/06/2002
Facility name: PENSKE AUTO CENTER
Facility address: 1100 S ROCHESTER RD
ROCHESTER HILLS, MI 48307
EPA ID: MIR000010850
Mailing address: 3270 W BIG BEAVER RD
TROY, MI 48084
Contact: DAVID TATUM
Contact address: 1100 S ROCHESTER RD
ROCHESTER HILLS, MI 48307
Contact country: US
Contact telephone: 810-643-5171
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 04/07/2002
Owner/Op end date: Not reported

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address: Not reported
Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PENSKE AUTO CENTER (Continued)

1004724695

Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 04/07/2002
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 12/11/1995
Site name: PENSKE AUTO CENTER
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

B15 PENSKE AUTO CENTER
SSW 1100 S ROCHESTER RD
< 1/8 ROCHESTER HILLS, MI 48307
0.088 mi.
466 ft. Site 5 of 5 in cluster B

RCRA-CESQG 1008373679
FINDS MIK777456526
ECHO

Relative: RCRA-CESQG:
Lower Date form received by agency: 06/03/2005
Actual: Facility name: SEARS
840 ft. Facility address: 1100 S ROCHESTER RD
ROCHESTER HILLS, MI 48307
EPA ID: MIK777456526
Mailing address: 3333 BEVERLY RD
HOFFMAN ESTATES, IL 60179
Contact: NADINE LAJEUNE
Contact address: 1100 S ROCHESTER RD
ROCHESTER HILLS, MI 48307
Contact country: US

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PENSKE AUTO CENTER (Continued)

1008373679

Contact telephone: 847-286-7199
Contact email: Not reported
EPA Region: 05
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: SEARS ROEBUCK & CO
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 03/21/2005
Owner/Op end date: Not reported

Owner/operator name: SEARS ROEBUCK & CO
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/21/2005
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PENSKE AUTO CENTER (Continued)

1008373679

Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 12/02/1991
Site name: SEARS
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

FINDS:

Registry ID: 110009394440

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1008373679
Registry ID: 110009394440
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110009394440>

C16
North
< 1/8
0.124 mi.
653 ft.

SHELTON PONTIAC-BUICK
855 S ROCHESTER RD
ROCHESTER HILLS, MI 48307

Site 2 of 3 in cluster C

LUST U000263067
UST N/A
WDS

Relative:
Higher
Actual:
845 ft.

LUST:
Facility ID: 00002058
Source: STATE OF MICHIGAN
Owner Name: Shelton Pontiac-Buick
Owner Address: 855 S Rochester Rd
Owner City,St,Zip: Rochester Hills, MI 48307-2741
Owner Contact: Not reported
Owner Phone: (313) 651-5500
Country: USA
District: Southeast MI
Site Name: Shelton Pontiac-buick

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELTON PONTIAC-BUICK (Continued)

U000263067

Latitude: 42.66920
Longitude: -83.13316
Date of Collection: 01/11/2001
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-0813-94
Release Date: 08/01/1994
Substance Released: Other,Used Oil,Other
Release Status: Closed
Release Closed Date: 10/20/1994

UST:

Facility Type: CLOSED
Facility ID: 00002058
Facility Region: 1
Owner Name: SHELTON PONTIAC-BUICK
Owner Address: 855 S ROCHESTER RD
Owner City: ROCHESTER HILLS
Owner State: MI
Owner Zip: 48307-2741
Owner Contact: Not reported
Owner Phone: 3136515500
Contact: R M SHELTON
Contact Phone: (313) 651-5500
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 20
Capacity: 560
Tank Status: Removed from Ground
Substance: Other(TRANS. FLUID)
Install Date: 04/17/1986
Remove Date: 08/15/1994
Tank Number: UTK-038689-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel,Cathodically Protected Steel
Impressed Device: Not reported
Latitude: 42.66920
Longitude: -83.13316

Facility Type: CLOSED
Facility ID: 00002058
Facility Region: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELTON PONTIAC-BUICK (Continued)

U000263067

Owner Name: SHELTON PONTIAC-BUICK
Owner Address: 855 S ROCHESTER RD
Owner City: ROCHESTER HILLS
Owner State: MI
Owner Zip: 48307-2741
Owner Contact: Not reported
Owner Phone: 3136515500
Contact: R M SHELTON
Contact Phone: (313) 651-5500
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 2
Capacity: 1000
Tank Status: Removed from Ground
Substance: Other(TRANSMISSION)
Install Date: Not reported
Remove Date: 07/20/1987
Tank Number: UTK-009615-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel
Impressed Device: Not reported
Latitude: 42.66920
Longitude: -83.13316

Facility Type: CLOSED
Facility ID: 00002058
Facility Region: 1
Owner Name: SHELTON PONTIAC-BUICK
Owner Address: 855 S ROCHESTER RD
Owner City: ROCHESTER HILLS
Owner State: MI
Owner Zip: 48307-2741
Owner Contact: Not reported
Owner Phone: 3136515500
Contact: R M SHELTON
Contact Phone: (313) 651-5500
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 19

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELTON PONTIAC-BUICK (Continued)

U000263067

Capacity: 560
Tank Status: Removed from Ground
Substance: Other(MOTOR OIL)
Install Date: 04/17/1986
Remove Date: 08/15/1994
Tank Number: UTK-047828-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel,Cathodically Protected Steel
Impressed Device: Not reported
Latitude: 42.66920
Longitude: -83.13316

Facility Type: CLOSED
Facility ID: 00002058
Facility Region: 1
Owner Name: SHELTON PONTIAC-BUICK
Owner Address: 855 S ROCHESTER RD
Owner City: ROCHESTER HILLS
Owner State: MI
Owner Zip: 48307-2741
Owner Contact: Not reported
Owner Phone: 3136515500
Contact: R M SHELTON
Contact Phone: (313) 651-5500
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 18
Capacity: 560
Tank Status: Removed from Ground
Substance: Used Oil
Install Date: 04/17/1986
Remove Date: 08/15/1994
Tank Number: UTK-010560-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel,Cathodically Protected Steel
Impressed Device: Not reported
Latitude: 42.66920
Longitude: -83.13316

Facility Type: CLOSED
Facility ID: 00002058
Facility Region: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELTON PONTIAC-BUICK (Continued)

U000263067

Owner Name: SHELTON PONTIAC-BUICK
Owner Address: 855 S ROCHESTER RD
Owner City: ROCHESTER HILLS
Owner State: MI
Owner Zip: 48307-2741
Owner Contact: Not reported
Owner Phone: 3136515500
Contact: R M SHELTON
Contact Phone: (313) 651-5500
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 1
Capacity: 1000
Tank Status: Removed from Ground
Substance: Other(ENGINE OIL)
Install Date: Not reported
Remove Date: 07/20/1987
Tank Number: UTK-037679-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel
Impressed Device: Not reported
Latitude: 42.66920
Longitude: -83.13316

WDS:

Site Id: MID017339078
WMD Id: 395009
Site Specific Name: SHELTON PONTIAC BUICK GMC INC
Mailing Address: PO BOX 81400
Mailing City/State/Zip: 48308
Mailing County: OAKLAND

C17
North
< 1/8
0.124 mi.
653 ft.

SHELTON PONTIAC BUICK GMC INC
855 S ROCHESTER RD
ROCHESTER HILLS, MI 48307
Site 3 of 3 in cluster C

RCRA-CESQG **1000292716**
FINDS **MID017339078**
ECHO

Relative:
Higher
Actual:
845 ft.

RCRA-CESQG:
Date form received by agency: 12/31/2010
Facility name: SHELTON PONTIAC BUICK GMC INC
Facility address: 855 S ROCHESTER RD
ROCHESTER HILLS, MI 48307
EPA ID: MID017339078
Mailing address: PO BOX 81400
ROCHESTER, MI 48308

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELTON PONTIAC BUICK GMC INC (Continued)

1000292716

Contact: FREDERICK ZATIRKA
Contact address: 855 S ROCHESTER RD
ROCHESTER HILLS, MI 48307
Contact country: US
Contact telephone: 248-651-5500
Contact email: Not reported
EPA Region: 05
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: SHELTON RUSSELL
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Owner/operator name: SHELTON RUSSELL
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELTON PONTIAC BUICK GMC INC (Continued)

1000292716

Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 06/17/2009
Site name: SHELTON PONTIAC BUICK GMC INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/12/2008
Site name: SHELTON PONTIAC BUICK GMC INC
Classification: Small Quantity Generator

Date form received by agency: 03/07/2005
Site name: SHELTON PONTIAC BUICK GMC INC
Classification: Small Quantity Generator

Date form received by agency: 09/18/2002
Site name: SHELTON PONTIAC BUICK GMC INC
Classification: Small Quantity Generator

Date form received by agency: 12/12/1986
Site name: SHELTON PONTIAC BUICK GMC INC
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

FINDS:

Registry ID: 110006514575

Environmental Interest/Information System

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[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELTON PONTIAC BUICK GMC INC (Continued)

1000292716

Envid: 1000292716
Registry ID: 110052138628
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110052138628>

Envid: 1000292716
Registry ID: 110006514575
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110006514575>

D18 FOX TOYOTA/FOX VOLKSWAGON
North 755 AND 773 SOUTH ROCHESTER ROAD
1/8-1/4 ROCHESTER HILLS, MI 48307

BEA S107596770
N/A

0.176 mi.
929 ft.

Site 1 of 7 in cluster D

Relative: BEA:
Lower Secondary Address: Not reported
BEA Number: 3070
Actual: District: Southeast MI
836 ft. Date Received: 02/15/2006
Submitter Name: Fox Automotive Group, Inc.
Petition Determination: No Request
Petition Disclosure: 0
Category: Same Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: schlaufj
Division Assigned: Storage Tank Division

D19 FOX TOYOTA/FOX VOLKSWAGON
North 755 AND 773 SOUTH ROCHESTER ROAD
1/8-1/4 OAKLAND (County), MI 48307

INVENTORY S114035106
N/A

0.176 mi.
929 ft.

Site 2 of 7 in cluster D

Relative: INVENTORY:
Lower Bea Number: 200603070LV
Township: Rochester Hills
Actual: District: Southeast MI
836 ft. Data Source: BEA
Latitude: Not reported
Longitude: Not reported

D20 770 SOUTH ROCHESTER ROAD
North 770 SOUTH ROCHESTER ROAD
1/8-1/4 OAKLAND (County), MI 48307

INVENTORY S120852390
N/A

0.178 mi.
939 ft.

Site 3 of 7 in cluster D

Relative: INVENTORY:
Lower Bea Number: 201707746LV
Township: Rochester Hills
Actual: District: Southeast MI
835 ft. Data Source: BEA
Latitude: Not reported
Longitude: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

D21 **FOX TOYOTA/FOX VOLKSWAGON**
North **755 ROCHESTER ROAD**
1/8-1/4 **ROCHESTER HILLS, MI 48307**
0.191 mi.
1009 ft. **Site 4 of 7 in cluster D**

INVENTORY **S107466625**
BEA **N/A**

Relative: **INVENTORY:**
Lower Bea Number: 200502952LV
 Township: Rochester Hills
Actual: District: Southeast MI
834 ft. Data Source: BEA
 Latitude: Not reported
 Longitude: Not reported

BEA:
 Secondary Address: Not reported
 BEA Number: 2952
 District: Southeast MI
 Date Received: 11/03/2005
 Submitter Name: J. F. Real Estate, LLC
 Petition Determination: No Request
 Petition Disclosure: 0
 Category: Same Hazardous Substance(s)
 Determination 20107A: No Request
 Reviewer: schlaufj
 Division Assigned: Storage Tank Division

D22 **BILL FOX AMC INC**
North **755 S ROCHESTER RD**
1/8-1/4 **ROCHESTER HILLS, MI 48307**
0.191 mi.
1009 ft. **Site 5 of 7 in cluster D**

LUST **U000263017**
UST **N/A**
INVENTORY
ASBESTOS

Relative: **LUST:**
Lower Facility ID: 00007644
 Source: STATE OF MICHIGAN
Actual: Owner Name: Bill Fox Amc Inc
834 ft. Owner Address: 755 S Rochester Rd
 Owner City,St,Zip: Rochester Hills, MI 48307-2739
 Owner Contact: Not reported
 Owner Phone: (248) 656-0400
 Country: USA
 District: Southeast MI
 Site Name: Fox Toyota
 Latitude: 42.67059
 Longitude: -83.13322
 Date of Collection: 01/11/2001
 Method of Collection: Address Matching-House Number
 Accuracy: 100
 Accuracy Value Unit: FEET
 Horizontal Data: NAD83
 Point Line Area: POINT
 Desc Category: Plant Entrance (Freight)

Leak Number: C-0477-95
 Release Date: 05/08/1995
 Substance Released: Gasoline,Unknown
 Release Status: Open
 Release Closed Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BILL FOX AMC INC (Continued)

U000263017

UST:

Facility Type: CLOSED
Facility ID: 00007644
Facility Region: 1
Owner Name: BILL FOX AMC INC
Owner Address: 755 S ROCHESTER RD
Owner City: ROCHESTER HILLS
Owner State: MI
Owner Zip: 48307-2739
Owner Contact: Not reported
Owner Phone: 2486560400
Contact: MICHAEL W FOX
Contact Phone: (248) 656-0400
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 1
Capacity: 2500
Tank Status: Removed from Ground
Substance: Gasoline
Install Date: 03/20/1982
Remove Date: 10/04/1995
Tank Number: UTK-065839-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Tank Construction: Cathodically Protected Steel
Impressed Device: Not reported
Latitude: 42.67059
Longitude: -83.13322

INVENTORY:

Bea Number: Not reported
Township: Not reported
District: Southeast MI
Data Source: Part 213
Latitude: 42.67059
Longitude: -83.13322

ASBESTOS:

Notification ID: 136506
Contractor Name: Federal Environmental Contracting
Project Number: Not reported
Notification Type and Date: Regular 10/18/2018
Start Date: 11/01/2018
End Date: 11/01/2018
Linear Feet: Not reported
Square Feet: 100

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

D23
North
1/8-1/4
0.191 mi.
1009 ft.

FOX AUTOMOTIVE GROUP INC
755 S ROCHESTER RD
ROCHESTER, MI 48307

RCRA-SQG **1000104765**
FINDS **MID151407434**
ECHO

Site 6 of 7 in cluster D

Relative:
Lower

RCRA-SQG:

Date form received by agency: 03/30/2017

Actual:
834 ft.

Facility name: FOX AUTOMOTIVE GROUP INC
 Facility address: 755 S ROCHESTER RD
 ROCHESTER, MI 48307

EPA ID: MID151407434
 Contact: RICK HODGES

Contact address: Not reported
 Not reported

Contact country: Not reported
 Contact telephone: 248-656-0400

Telephone ext.: 3205

Contact email: RHODGES@AUTOBYFOX.COM

EPA Region: 05

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: JOHN C FOX

Owner/operator address: Not reported
 Not reported

Owner/operator country: Not reported

Owner/operator telephone: Not reported

Owner/operator email: Not reported

Owner/operator fax: Not reported

Owner/operator extension: Not reported

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: 06/07/2004

Owner/Op end date: Not reported

Owner/operator name: JOHN C FOX

Owner/operator address: Not reported
 Not reported

Owner/operator country: Not reported

Owner/operator telephone: Not reported

Owner/operator email: Not reported

Owner/operator fax: Not reported

Owner/operator extension: Not reported

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: 06/07/2004

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): No

Recycler of hazardous waste: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FOX AUTOMOTIVE GROUP INC (Continued)

1000104765

Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 08/03/2016
Site name: FOX AUTOMOTIVE GROUP INC
Classification: Small Quantity Generator

Date form received by agency: 04/30/2015
Site name: FOX AUTOMOTIVE GROUP INC
Classification: Small Quantity Generator

Date form received by agency: 08/26/2014
Site name: FOX AUTOMOTIVE GROUP INC
Classification: Small Quantity Generator

Date form received by agency: 07/31/2013
Site name: FOX AUTOMOTIVE GROUP INC
Classification: Small Quantity Generator

Date form received by agency: 03/17/2009
Site name: FOX AUTOMOTIVE GROUP INC
Classification: Small Quantity Generator

Date form received by agency: 02/27/2006
Site name: FOX AUTOMOTIVE GROUP INC
Classification: Small Quantity Generator

Date form received by agency: 04/18/2005
Site name: FOX AUTOMOTIVE GROUP INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 11/19/2004
Site name: FOX AUTOMOTIVE GROUP INC
Classification: Small Quantity Generator

Date form received by agency: 10/28/1987
Site name: FOX AUTOMOTIVE GROUP INC
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FOX AUTOMOTIVE GROUP INC (Continued)

1000104765

FINDS:

Registry ID: 110006515930

Environmental Interest/Information System

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[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000104765
 Registry ID: 110006515930
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110006515930>

D24
North
1/8-1/4
0.198 mi.
1046 ft.

MIDAS MUFFLER
746 S ROCHESTER RD
ROCHESTER, MI 48307
Site 7 of 7 in cluster D

RCRA-CESQG **1004724605**
FINDS **MIR000008375**
ECHO

Relative:
Lower
Actual:
833 ft.

RCRA-CESQG:
 Date form received by agency: 09/29/1995
 Facility name: MIDAS MUFFLER
 Facility address: 746 S ROCHESTER RD
 ROCHESTER, MI 48307
 EPA ID: MIR000008375
 Mailing address: PO BOX 648
 LAKE ORION, MI 48361
 Contact: GEORGE MACLEAN
 Contact address: 746 S ROCHESTER RD
 ROCHESTER, MI 48307
 Contact country: US
 Contact telephone: 248-652-8383
 Contact email: Not reported
 EPA Region: 05
 Classification: Conditionally Exempt Small Quantity Generator
 Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIDAS MUFFLER (Continued)

1004724605

Owner/Operator Summary:

Owner/operator name: GERALD FILLMORE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Owner/operator name: GERALD FILLMORE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

FINDS:

Registry ID: 110003691719

Environmental Interest/Information System

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIDAS MUFFLER (Continued)

1004724605

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1004724605
Registry ID: 110003691719
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110003691719>

E25
South
1/8-1/4
0.210 mi.
1111 ft.

CHRISMAN LINCOLN MERCURY, INC
1185 S ROCHESTER RD
ROCHESTER HILLS, MI 48307

UST **U003866462**
N/A

Site 1 of 3 in cluster E

Relative:
Lower
Actual:
830 ft.

UST:
Facility Type: CLOSED
Facility ID: 00003791
Facility Region: 1
Owner Name: CLYDE & JOAN L. PRESTON
Owner Address: 3840 MONDALE LOOP
Owner City: LAS CRUCES
Owner State: NM
Owner Zip: 88005-1000
Owner Contact: Not reported
Owner Phone: 5055272665
Contact: PHILIP WALBY
Contact Phone: (313) 323-8048
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 9
Capacity: 500
Tank Status: Removed from Ground
Substance: Used Oil
Install Date: 04/24/1969
Remove Date: 06/10/1992
Tank Number: UTK-063788-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHRISMAN LINCOLN MERCURY, INC (Continued)

U003866462

Impressed Device: Not reported
Latitude: 42.66385
Longitude: -83.13294

Facility Type: CLOSED
Facility ID: 00003791
Facility Region: 1
Owner Name: CLYDE & JOAN L. PRESTON
Owner Address: 3840 MONDALE LOOP
Owner City: LAS CRUCES
Owner State: NM
Owner Zip: 88005-1000
Owner Contact: Not reported
Owner Phone: 5055272665
Contact: Not reported
Contact Phone: Not reported
Date of Collection: Not reported
Accuracy: Not reported
Horizontal Datum: Not reported
Accuracy Value Unit: Not reported
Source: Not reported
Point Line Area: Not reported
Desc Category: Not reported
Method of Collection: Not reported
District: Not reported
Tank ID: 8
Capacity: 36
Tank Status: Currently In Use
Substance: Other(HOIST OIL)
Install Date: 04/25/1971
Remove Date: Not reported
Tank Number: UTK-063781-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Unknown
Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel
Impressed Device: Not reported
Latitude: Not reported
Longitude: Not reported

Facility Type: CLOSED
Facility ID: 00003791
Facility Region: 1
Owner Name: CLYDE & JOAN L. PRESTON
Owner Address: 3840 MONDALE LOOP
Owner City: LAS CRUCES
Owner State: NM
Owner Zip: 88005-1000
Owner Contact: Not reported
Owner Phone: 5055272665
Contact: Not reported
Contact Phone: Not reported
Date of Collection: Not reported
Accuracy: Not reported
Horizontal Datum: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHRISMAN LINCOLN MERCURY, INC (Continued)

U003866462

Accuracy Value Unit: Not reported
Source: Not reported
Point Line Area: Not reported
Desc Category: Not reported
Method of Collection: Not reported
District: Not reported
Tank ID: 7
Capacity: 36
Tank Status: Currently In Use
Substance: Other(HOIST OIL)
Install Date: 04/25/1971
Remove Date: Not reported
Tank Number: UTK-009995-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Unknown
Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel
Impressed Device: Not reported
Latitude: Not reported
Longitude: Not reported

Facility Type: CLOSED
Facility ID: 00003791
Facility Region: 1
Owner Name: CLYDE & JOAN L. PRESTON
Owner Address: 3840 MONDALE LOOP
Owner City: LAS CRUCES
Owner State: NM
Owner Zip: 88005-1000
Owner Contact: Not reported
Owner Phone: 5055272665
Contact: Not reported
Contact Phone: Not reported
Date of Collection: Not reported
Accuracy: Not reported
Horizontal Datum: Not reported
Accuracy Value Unit: Not reported
Source: Not reported
Point Line Area: Not reported
Desc Category: Not reported
Method of Collection: Not reported
District: Not reported
Tank ID: 6
Capacity: 36
Tank Status: Currently In Use
Substance: Other(HOIST OIL)
Install Date: 04/24/1985
Remove Date: Not reported
Tank Number: UTK-063769-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Unknown
Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHRISMAN LINCOLN MERCURY, INC (Continued)

U003866462

Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Facility Type:	CLOSED
Facility ID:	00003791
Facility Region:	1
Owner Name:	CLYDE & JOAN L. PRESTON
Owner Address:	3840 MONDALE LOOP
Owner City:	LAS CRUCES
Owner State:	NM
Owner Zip:	88005-1000
Owner Contact:	Not reported
Owner Phone:	5055272665
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	5
Capacity:	36
Tank Status:	Currently In Use
Substance:	Other(HOIST OIL)
Install Date:	04/25/1971
Remove Date:	Not reported
Tank Number:	UTK-063765-15
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Unknown
Piping Type:	Not reported
Tank Construction:	Asphalt Coated or Bare Steel
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Facility Type:	CLOSED
Facility ID:	00003791
Facility Region:	1
Owner Name:	CLYDE & JOAN L. PRESTON
Owner Address:	3840 MONDALE LOOP
Owner City:	LAS CRUCES
Owner State:	NM
Owner Zip:	88005-1000
Owner Contact:	Not reported
Owner Phone:	5055272665
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHRISMAN LINCOLN MERCURY, INC (Continued)

U003866462

Accuracy Value Unit: Not reported
Source: Not reported
Point Line Area: Not reported
Desc Category: Not reported
Method of Collection: Not reported
District: Not reported
Tank ID: 4
Capacity: 36
Tank Status: Currently In Use
Substance: Other(HOIST OIL)
Install Date: 04/24/1985
Remove Date: Not reported
Tank Number: UTK-026897-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Unknown
Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel
Impressed Device: Not reported
Latitude: Not reported
Longitude: Not reported

Facility Type: CLOSED
Facility ID: 00003791
Facility Region: 1
Owner Name: CLYDE & JOAN L. PRESTON
Owner Address: 3840 MONDALE LOOP
Owner City: LAS CRUCES
Owner State: NM
Owner Zip: 88005-1000
Owner Contact: Not reported
Owner Phone: 5055272665
Contact: Not reported
Contact Phone: Not reported
Date of Collection: Not reported
Accuracy: Not reported
Horizontal Datum: Not reported
Accuracy Value Unit: Not reported
Source: Not reported
Point Line Area: Not reported
Desc Category: Not reported
Method of Collection: Not reported
District: Not reported
Tank ID: 3
Capacity: 36
Tank Status: Currently In Use
Substance: Other(HOIST OIL)
Install Date: 04/25/1971
Remove Date: Not reported
Tank Number: UTK-063756-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Unknown
Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHRISMAN LINCOLN MERCURY, INC (Continued)

U003866462

Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Facility Type:	CLOSED
Facility ID:	00003791
Facility Region:	1
Owner Name:	CLYDE & JOAN L. PRESTON
Owner Address:	3840 MONDALE LOOP
Owner City:	LAS CRUCES
Owner State:	NM
Owner Zip:	88005-1000
Owner Contact:	Not reported
Owner Phone:	5055272665
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported
Accuracy Value Unit:	Not reported
Source:	Not reported
Point Line Area:	Not reported
Desc Category:	Not reported
Method of Collection:	Not reported
District:	Not reported
Tank ID:	2
Capacity:	36
Tank Status:	Currently In Use
Substance:	Other(HOIST OIL)
Install Date:	04/24/1985
Remove Date:	Not reported
Tank Number:	UTK-063752-15
Tank Details Compartments:	Not reported
Tank Release Detection:	Not reported
Pipe Release Detection:	Not reported
Piping Material:	Unknown
Piping Type:	Not reported
Tank Construction:	Asphalt Coated or Bare Steel
Impressed Device:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Facility Type:	CLOSED
Facility ID:	00003791
Facility Region:	1
Owner Name:	CLYDE & JOAN L. PRESTON
Owner Address:	3840 MONDALE LOOP
Owner City:	LAS CRUCES
Owner State:	NM
Owner Zip:	88005-1000
Owner Contact:	Not reported
Owner Phone:	5055272665
Contact:	Not reported
Contact Phone:	Not reported
Date of Collection:	Not reported
Accuracy:	Not reported
Horizontal Datum:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHRISMAN LINCOLN MERCURY, INC (Continued)

U003866462

Accuracy Value Unit: Not reported
Source: Not reported
Point Line Area: Not reported
Desc Category: Not reported
Method of Collection: Not reported
District: Not reported
Tank ID: 1
Capacity: 36
Tank Status: Currently In Use
Substance: Other(HOIST OIL)
Install Date: 04/25/1971
Remove Date: Not reported
Tank Number: UTK-063748-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Unknown
Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel
Impressed Device: Not reported
Latitude: Not reported
Longitude: Not reported

E26
South
1/8-1/4
0.210 mi.
1111 ft.

CRISSMAN LINCOLN MERCURY INC
1185 S ROCHESTER RD
ROCHESTER, MI 48307
Site 2 of 3 in cluster E

RCRA NonGen / NLR **1015743694**
MID052048972

Relative:
Lower
Actual:
830 ft.

RCRA NonGen / NLR:
Date form received by agency: 06/12/2012
Facility name: CRISSMAN LINCOLN MERCURY INC
Facility address: 1185 S ROCHESTER RD
ROCHESTER, MI 48307
EPA ID: MID052048972
Contact: DONALD J KENNEDY
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 248-652-4200
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/15/2012

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRISSMAN LINCOLN MERCURY INC (Continued)

1015743694

Owner/Op end date: Not reported

Owner/operator name: JOHN CRISSMAN

Owner/operator address: Not reported

Not reported

Owner/operator country: Not reported

Owner/operator telephone: Not reported

Owner/operator email: Not reported

Owner/operator fax: Not reported

Owner/operator extension: Not reported

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: 08/05/1985

Owner/Op end date: Not reported

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE

Owner/operator address: Not reported

Not reported

Owner/operator country: Not reported

Owner/operator telephone: Not reported

Owner/operator email: Not reported

Owner/operator fax: Not reported

Owner/operator extension: Not reported

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: 01/15/2012

Owner/Op end date: Not reported

Owner/operator name: JOHN CRISSMAN

Owner/operator address: Not reported

Not reported

Owner/operator country: Not reported

Owner/operator telephone: Not reported

Owner/operator email: Not reported

Owner/operator fax: Not reported

Owner/operator extension: Not reported

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: 08/05/1985

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): No

Recycler of hazardous waste: No

Transporter of hazardous waste: No

Treater, storer or disposer of HW: No

Underground injection activity: No

On-site burner exemption: No

Furnace exemption: No

Used oil fuel burner: No

Used oil processor: No

User oil refiner: No

Used oil fuel marketer to burner: No

Used oil Specification marketer: No

Used oil transfer facility: No

Used oil transporter: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CRISSMAN LINCOLN MERCURY INC (Continued)

1015743694

Historical Generators:

Date form received by agency: 06/12/2012
 Site name: CRISSMAN LINCOLN MERCURY INC
 Classification: Not a generator, verified

Date form received by agency: 04/12/2011
 Site name: CRISSMAN LINCOLN MERCURY INC
 Classification: Small Quantity Generator

Date form received by agency: 08/08/2006
 Site name: CRISSMAN LINCOLN MERCURY INC
 Classification: Small Quantity Generator

Date form received by agency: 08/05/1985
 Site name: CRISSMAN LINCOLN MERCURY INC
 Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001
 Waste name: IGNITABLE WASTE

Violation Status: No violations found

E27
South
1/8-1/4
0.210 mi.
1111 ft.

CRISSMAN LINCOLN MERCURY
1185 S. ROCHESTER ROAD
ROCHESTER HILLS, MI 48307

US BROWNFIELDS 1024246980
N/A

Site 3 of 3 in cluster E

Relative:
Lower
Actual:
830 ft.

US BROWNFIELDS:
 Property Name: CRISSMAN LINCOLN MERCURY
 Recipient Name: Oakland County
 Grant Type: Assessment
 Property Number: Not reported
 Parcel size: 6.35
 Latitude: 42.6634624
 Longitude: -83.1330315
 HCM Label: Not reported
 Map Scale: Not reported
 Point of Reference: Not reported
 Highlights: Not reported
 Datum: Not reported
 Acres Property ID: 113893
 IC Data Access: Not reported
 Start Date: Not reported
 Redev Completion Date: Not reported
 Completed Date: Not reported
 Acres Cleaned Up: Not reported
 Cleanup Funding: Not reported
 Cleanup Funding Source: Not reported
 Assessment Funding: 2800
 Assessment Funding Source: US EPA - Brownfields Assessment Cooperative Agreement
 Redevelopment Funding: Not reported
 Redev. Funding Source: Not reported
 Redev. Funding Entity Name: Not reported
 Redevelopment Start Date: Not reported
 Assessment Funding Entity: EPA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CRISSMAN LINCOLN MERCURY (Continued)

1024246980

Cleanup Funding Entity:	Not reported
Grant Type:	Petroleum
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	00E92301
Start Date:	05/25/2010 00:00:00
Ownership Entity:	Private
Completion Date:	Not reported
Current Owner:	Not reported
Did Owner Change:	Not reported
Cleanup Required:	U
Video Available:	Not reported
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CRISSMAN LINCOLN MERCURY (Continued)

1024246980

Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	6.35
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	The Property has been used as a car dealership since 1972.
Below Poverty Number:	247
Below Poverty Percent:	8.8%
Meidan Income:	4565
Meidan Income Number:	910
Meidan Income Percent:	32.3%
Vacant Housing Number:	71
Vacant Housing Percent:	6.0%
Unemployed Number:	142
Unemployed Percent:	5.0%

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

28
WNW
1/8-1/4
0.220 mi.
1162 ft.

LIFETIME FITNESS
200 W AVON RD
ROCHESTER HILLS, MI 48307

RCRA NonGen / NLR **1010785828**
MIK992176982

Relative:
Lower

RCRA NonGen / NLR:

Actual:
816 ft.

Date form received by agency: 01/23/2008
Facility name: LIFETIME FITNESS
Facility address: 200 W AVON RD
ROCHESTER HILLS, MI 48307
EPA ID: MIK992176982
Contact: LISA PALAZZOLA
Contact address: 200 W AVON RD
ROCHESTER HILLS, MI 48307
Contact country: US
Contact telephone: 248-841-9855
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: LISA PALAZZOLA
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 08/01/2006
Owner/Op end date: Not reported

Owner/operator name: BAHRAM AKRADI
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/02/1994
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LIFETIME FITNESS (Continued)

1010785828

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE WASTE
Violation Status: No violations found

F29
North
1/8-1/4
0.241 mi.
1274 ft.

BILL FOX CHEVROLET INC
725 S ROCHESTER RD
ROCHESTER HILLS, MI 48307

RCRA-SQG 1000104763
FINDS MID017338039
ECHO

Site 1 of 2 in cluster F

Relative:
Lower

RCRA-SQG:

Actual:
829 ft.

Date form received by agency: 10/14/2015
Facility name: BILL FOX CHEVROLET INC
Facility address: 725 S ROCHESTER RD
ROCHESTER HILLS, MI 48307
EPA ID: MID017338039
Contact: BILL J BLONDIN
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 248-651-7000
Telephone ext.: 1261
Contact email: MIKEH@AUTOBYFOX.COM
EPA Region: 05
Land type: Private
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: JOHN C FOX
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/02/2011
Owner/Op end date: Not reported

Owner/operator name: JOHN C FOX

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BILL FOX CHEVROLET INC (Continued)

1000104763

Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/02/2011
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 07/07/2015
Site name: BILL FOX CHEVROLET INC
Classification: Large Quantity Generator

Date form received by agency: 06/16/2014
Site name: BILL FOX CHEVROLET INC
Classification: Large Quantity Generator

Date form received by agency: 06/11/2013
Site name: BILL FOX CHEVROLET INC
Classification: Small Quantity Generator

Date form received by agency: 05/04/2011
Site name: BILL FOX CHEVROLET INC
Classification: Large Quantity Generator

Date form received by agency: 04/08/2008
Site name: BILL FOX CHEVROLET INC
Classification: Small Quantity Generator

Date form received by agency: 02/18/2005
Site name: BILL FOX CHEVROLET INC
Classification: Small Quantity Generator

Date form received by agency: 09/08/2004
Site name: BILL FOX CHEVROLET INC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BILL FOX CHEVROLET INC (Continued)

1000104763

Classification: Small Quantity Generator

Date form received by agency: 10/28/1987

Site name: BILL FOX CHEVROLET INC

Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 09/19/2012
Date achieved compliance: 12/05/2012
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/05/2012
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 09/19/2012
Date achieved compliance: 05/20/2013
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/05/2012
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Used Oil - Generators
Date violation determined: 09/19/2012
Date achieved compliance: 12/05/2012
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/05/2012
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BILL FOX CHEVROLET INC (Continued)

1000104763

Date violation determined: 09/19/2012
Date achieved compliance: 12/05/2012
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/05/2012
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 10/07/2015
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/19/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Used Oil - Generators
Date achieved compliance: 12/05/2012
Evaluation lead agency: State

Evaluation date: 09/19/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 12/05/2012
Evaluation lead agency: State

Evaluation date: 09/19/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 05/20/2013
Evaluation lead agency: State

Evaluation date: 09/19/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 12/05/2012
Evaluation lead agency: State

FINDS:

Registry ID: 110006514566

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BILL FOX CHEVROLET INC (Continued)

1000104763

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000104763
Registry ID: 110006514566
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110006514566>

F30
North
1/8-1/4
0.241 mi.
1274 ft.

BILL FOX CHEVROLET INC
725 S ROCHESTER RD
ROCHESTER HILLS, MI 48307

LUST **U003320104**
UST **N/A**
Financial Assurance
WDS

Site 2 of 2 in cluster F

Relative:
Lower
Actual:
829 ft.

LUST:

Facility ID: 00003748
Source: STATE OF MICHIGAN
Owner Name: Bill Fox Chev Inc
Owner Address: 725 S Rochester Rd
Owner City,St,Zip: Rochester Hills, MI 48307
Owner Contact: Not reported
Owner Phone: (248) 651-7000
Country: USA
District: Southeast MI
Site Name: Bill Fox Chevrolet Inc
Latitude: 42.67096
Longitude: -83.13323
Date of Collection: 01/11/2001
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-0987-98
Release Date: 10/12/1998
Substance Released: Unknown
Release Status: Closed
Release Closed Date: 01/20/1999

UST:

Facility Type: ACTIVE
Facility ID: 00003748
Facility Region: 1
Owner Name: BILL FOX CHEV INC
Owner Address: 725 S ROCHESTER RD
Owner City: ROCHESTER HILLS
Owner State: MI
Owner Zip: 48307
Owner Contact: Not reported
Owner Phone: 2486517000
Contact: Todd McCallum
Contact Phone: (313) 651-7000
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BILL FOX CHEVROLET INC (Continued)

U003320104

Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 17
Capacity: 550
Tank Status: Currently In Use
Substance: Used Oil
Install Date: 11/01/1998
Remove Date: Not reported
Tank Number: UTK-069544-15
Tank Details Compartments: Not reported
Tank Release Detection: Automatic Tank Gauging
Pipe Release Detection: Line Tightness Testing
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Not reported
Tank Construction: Fiberglass Reinforced Plastic
Impressed Device: Not reported
Latitude: 42.67096
Longitude: -83.13323

Facility Type: ACTIVE
Facility ID: 00003748
Facility Region: 1
Owner Name: BILL FOX CHEV INC
Owner Address: 725 S ROCHESTER RD
Owner City: ROCHESTER HILLS
Owner State: MI
Owner Zip: 48307
Owner Contact: Not reported
Owner Phone: 2486517000
Contact: Todd McCallum
Contact Phone: (313) 651-7000
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 16
Capacity: 500
Tank Status: Removed from Ground
Substance: Used Oil
Install Date: 08/06/1985
Remove Date: 10/19/1998
Tank Number: UTK-003870-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Tank Construction: Cathodically Protected Steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BILL FOX CHEVROLET INC (Continued)

U003320104

Impressed Device: Not reported
Latitude: 42.67096
Longitude: -83.13323

Facility Type: ACTIVE
Facility ID: 00003748
Facility Region: 1
Owner Name: BILL FOX CHEV INC
Owner Address: 725 S ROCHESTER RD
Owner City: ROCHESTER HILLS
Owner State: MI
Owner Zip: 48307
Owner Contact: Not reported
Owner Phone: 2486517000
Contact: Todd McCallum
Contact Phone: (313) 651-7000
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 15
Capacity: 4000
Tank Status: Currently In Use
Substance: Gasoline
Install Date: 08/06/1984
Remove Date: Not reported
Tank Number: UTK-069533-15
Tank Details Compartments: Not reported
Tank Release Detection: Automatic Tank Gauging
Pipe Release Detection: Line Tightness Testing
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Suction: No Valve at Tank
Tank Construction: Cathodically Protected Steel,Description of Other Construction,Other
Impressed Device: Not reported
Latitude: 42.67096
Longitude: -83.13323

WDS:

Site Id: MID017338039
WMD Id: 395008
Site Specific Name: BILL FOX CHEVROLET
Mailing Address: 725 S ROCHESTER RD
Mailing City/State/Zip: 48307
Mailing County: OAKLAND

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

31
South
1/4-1/2
0.288 mi.
1522 ft.

ROCHESTER HILLS CHRRYSLER
1301 S ROCHESTER RD
ROCHESTER HILLS, MI 48307

LUST
UST
Financial Assurance
U003866785
N/A

Relative:
Lower
Actual:
809 ft.

LUST:
Facility ID: 00008294
Source: STATE OF MICHIGAN
Owner Name: Rochester Hills Chrysler
Owner Address: 1301 S Rochester Rd
Owner City,St,Zip: Rochester Hills, MI 48307-3123
Owner Contact: Not reported
Owner Phone: (248) 652-9650
Country: USA
District: Southeast MI
Site Name: Rochester Hills Chrysler
Latitude: 42.66213
Longitude: -83.13288
Date of Collection: 01/11/2001
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-1347-94
Release Date: 11/07/1994
Substance Released: Gasoline
Release Status: Closed
Release Closed Date: 01/09/1995

UST:
Facility Type: ACTIVE
Facility ID: 00008294
Facility Region: 1
Owner Name: ROCHESTER HILLS CHRYSLER
Owner Address: 1301 S ROCHESTER RD
Owner City: ROCHESTER HILLS
Owner State: MI
Owner Zip: 48307-3123
Owner Contact: Not reported
Owner Phone: 2486529650
Contact: Alan Laity
Contact Phone: (248) 652-9650
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 2
Capacity: 1400
Tank Status: Removed from Ground
Substance: Used Oil
Install Date: 03/25/1978

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROCHESTER HILLS CHRRYSLER (Continued)

U003866785

Remove Date: 01/01/1992
Tank Number: UTK-088930-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel
Impressed Device: Not reported
Latitude: 42.66213
Longitude: -83.13288

Facility Type: ACTIVE
Facility ID: 00008294
Facility Region: 1
Owner Name: ROCHESTER HILLS CHRYSLER
Owner Address: 1301 S ROCHESTER RD
Owner City: ROCHESTER HILLS
Owner State: MI
Owner Zip: 48307-3123
Owner Contact: Not reported
Owner Phone: 2486529650
Contact: Alan Laity
Contact Phone: (248) 652-9650
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 18
Capacity: 4000
Tank Status: Currently In Use
Substance: Gasoline
Install Date: 01/01/1995
Remove Date: Not reported
Tank Number: UTK-138917-15
Tank Details Compartments: Not reported
Tank Release Detection: Automatic Tank Gauging,Inventory Control,Manual (Static) Tank Gauging,Tank Tightness Testing
Pipe Release Detection: Line Tightness Testing,Other
Piping Material: Double Walled,Flexible Piping
Piping Type: Suction: No Valve at Tank
Tank Construction: Composite (Steel With Fiberglass),Double Walled,Other
Impressed Device: Not reported
Latitude: 42.66213
Longitude: -83.13288

Facility Type: ACTIVE
Facility ID: 00008294
Facility Region: 1
Owner Name: ROCHESTER HILLS CHRYSLER
Owner Address: 1301 S ROCHESTER RD
Owner City: ROCHESTER HILLS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROCHESTER HILLS CHRRYSLER (Continued)

U003866785

Owner State: MI
Owner Zip: 48307-3123
Owner Contact: Not reported
Owner Phone: 2486529650
Contact: Alan Laity
Contact Phone: (248) 652-9650
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 11
Capacity: 2000
Tank Status: Removed from Ground
Substance: Gasoline
Install Date: 03/25/1986
Remove Date: 11/21/1994
Tank Number: UTK-089246-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel,Cathodically Protected Steel
Impressed Device: Not reported
Latitude: 42.66213
Longitude: -83.13288

Facility Type: ACTIVE
Facility ID: 00008294
Facility Region: 1
Owner Name: ROCHESTER HILLS CHRYSLER
Owner Address: 1301 S ROCHESTER RD
Owner City: ROCHESTER HILLS
Owner State: MI
Owner Zip: 48307-3123
Owner Contact: Not reported
Owner Phone: 2486529650
Contact: Alan Laity
Contact Phone: (248) 652-9650
Date of Collection: 01/11/2001
Accuracy: 100
Horizontal Datum: NAD83
Accuracy Value Unit: FEET
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
District: Region 1 - SE Michigan District Office
Tank ID: 1
Capacity: 2000
Tank Status: Removed from Ground
Substance: Gasoline

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROCHESTER HILLS CHRRYSLER (Continued)

U003866785

Install Date: 03/25/1978
Remove Date: 06/01/1986
Tank Number: UTK-018906-15
Tank Details Compartments: Not reported
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Tank Construction: Asphalt Coated or Bare Steel
Impressed Device: Not reported
Latitude: 42.66213
Longitude: -83.13288

32
North
1/4-1/2
0.391 mi.
2065 ft.

ROCHESTER GLASS WORKS
560 S ROCHESTER RD
ROCHESTER HILLS, MI 48307

LUST **S103285246**
INVENTORY **N/A**
BEA

Relative:
Lower
Actual:
790 ft.

LUST:
Facility ID: 50002234
Source: STATE OF MICHIGAN
Owner Name: Unknown
Owner Address: Unknown
Owner City,St,Zip: Unknown, MI 99999
Owner Contact: Not reported
Owner Phone: Not reported
Country: USA
District: Southeast MI
Site Name: Rochester Glass Works
Latitude: 42.67270
Longitude: -83.13367
Date of Collection: 01/11/2001
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-0490-98
Release Date: 06/11/1998
Substance Released: Unknown
Release Status: Open
Release Closed Date: Not reported

INVENTORY:
Bea Number: Not reported
Township: Not reported
District: Southeast MI
Data Source: Part 213
Latitude: 42.67271
Longitude: -83.13368

BEA:
Secondary Address: Not reported
BEA Number: 636
District: Southeast MI

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ROCHESTER GLASS WORKS (Continued)

S103285246

Date Received: 06/09/1998
 Submitter Name: MR. LARRY HOLMAN
 Petition Determination: Affirmed
 Petition Disclosure: 1
 Category: No Hazardous Substance(s)
 Determination 20107A: Pending
 Reviewer: macugam
 Division Assigned: Storage Tank Division

33
North
1/2-1
0.708 mi.
3740 ft.

WP BURKE CO
93 MILL STREET
ROCHESTER, MI 48307

DEL PART 201 **S105966040**
WDS **N/A**

Relative:
Lower
Actual:
730 ft.

DEL_PART201:
 Facility ID: 63000175
 Status: Delisted - no longer meets criteria specified in rules

 Facility ID: 63000829
 Status: Delisted - no longer meets criteria specified in rules

WDS:
 Site Id: MIG000008157
 WMD Id: 457742
 Site Specific Name: W P BURKE
 Mailing Address: 93 MILL ST
 Mailing City/State/Zip: 48307
 Mailing County: OAKLAND

34
North
1/2-1
0.874 mi.
4614 ft.

ITT AUTOMOTIVE
301 EAST THIRD STREET
ROCHESTER, MI 48307

AUL **S105144552**
PART 201 **N/A**
BEA

Relative:
Lower
Actual:
725 ft.

AUL:
 Name: ITT AUTOMOTIVE (AVON SITE)
 Address: 301 EAST THIRD STREET
 City,State,Zip: ROCHESTER, MI 48307
 Status: Pending
 Site Name: ITT Automotive
 Property: ITT Automotive (Avon Site)
 Land Use Restriction Type: RC
 Program Type: Part 201
 Program Support Assigned User: Not reported
 Program Support Assigned Date: Not reported
 Legal Description Of Property: Site Address
 Based On The Deq Ref #: 11220102011
 MDEQ Reference Number: RC-ERD-02-011
 Property Or Description Restricted Area: Migrated
 Lead Division: ERD
 File Name Of Hyperlinked Legal Doc: Not reported
 Mapped Polygons Area In Acres: Not reported
 Mapped Polygons Area In Square Miles: Not reported
 Date Data Entry Started: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT AUTOMOTIVE (Continued)

S105144552

Date Data Entry Finished: Not reported
Individual Or Staff Assoc With The Mapping: Not reported
Program Used To Map Restricted Features: Not reported
Date Legal Paperwork Stamped/Filed/Register Of Deeds: Not reported
Commercial I Land Use Restriction: 0
Commercial Ii Land Use Restriction: 0
Commercial Iii Land Use Restriction: 0
Commercial Iv Land Use Restriction: 0
Industrial Land Use Restriction: 0
Residential Land Use Restriction: 0
Recreational Land Use Restriction: 0
Multiple Land-Use Restrictions: 0
Site Specific Restrictions: 0
Groundwater Consumption Restrictions: 0
Groundwater Contact Restrictions: 0
Special Well Construction Requirements: 0
Special Building Restrictions: 0
Excavation And Soil Movement Restrictions: 0
Soil Movement Requirements: 0
There Is A Restriction On All Construction: 0
Monitoring Well Protected, No Tampering Or Removal: 0
There Is An Exposure Barrier In Place: 0
There Is A Health And Safety Plan: 0
There Is A Permanent Marker On The Site: 0
Comment: Request received by Karen Kligman
Map Comments: Not reported

Name: ITT AUTOMOTIVE (AVON SITE)
Address: 301 EAST THIRD STREET
City,State,Zip: ROCHESTER, MI 48307
Status: Pending
Site Name: ITT Automotive
Property: ITT Automotive (Avon Site)
Land Use Restriction Type: RC
Program Type: Part 201
Program Support Assigned User: Not reported
Program Support Assigned Date: Not reported
Legal Description Of Property: Site Address
Based On The Deq Ref #: 11220102012
MDEQ Reference Number: RC-ERD-02-012
Property Or Description Restricted Area: Migrated
Lead Division: ERD
File Name Of Hyperlinked Legal Doc: Not reported
Mapped Polygons Area In Acres: Not reported
Mapped Polygons Area In Square Miles: Not reported
Date Data Entry Started: Not reported
Date Data Entry Finished: Not reported
Individual Or Staff Assoc With The Mapping: Not reported
Program Used To Map Restricted Features: Not reported
Date Legal Paperwork Stamped/Filed/Register Of Deeds: Not reported
Commercial I Land Use Restriction: 0
Commercial Ii Land Use Restriction: 0
Commercial Iii Land Use Restriction: 0
Commercial Iv Land Use Restriction: 0
Industrial Land Use Restriction: 0
Residential Land Use Restriction: 0
Recreational Land Use Restriction: 0

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ITT AUTOMOTIVE (Continued)

S105144552

Multiple Land-Use Restrictions:	0
Site Specific Restrictions:	0
Groundwater Consumption Restrictions:	0
Groundwater Contact Restrictions:	0
Special Well Construction Requirements:	0
Special Building Restrictions:	0
Excavation And Soil Movement Restrictions:	0
Soil Movement Requirements:	0
There Is A Restriction On All Construction:	0
Monitoring Well Protected, No Tampering Or Removal:	0
There Is An Exposure Barrier In Place:	0
There Is A Health And Safety Plan:	0
There Is A Permanent Marker On The Site:	0
Comment:	Request received by Karen Kligman
Map Comments:	Not reported

Name:	ITT AUTOMOTIVE
Address:	301 EAST THIRD
City,State,Zip:	ROCHESTER, MI 48307
Status:	Recorded
Site Name:	ITT Automotive
Property:	Description
Land Use Restriction Type:	RC
Program Type:	Part 201
Program Support Assigned User:	Not reported
Program Support Assigned Date:	Not reported
Legal Description Of Property:	Old Western Knitting Mill
Based On The Deq Ref #:	11220102009
MDEQ Reference Number:	RC-ERD-02-009
Property Or Description Restricted Area:	Old Western Knitting Mill
Lead Division:	RRD
File Name Of Hyperlinked Legal Doc:	U:\\Kermit\\11220102009.pdf
Mapped Polygons Area In Acres:	6
Mapped Polygons Area In Square Miles:	0.01
Date Data Entry Started:	06/05/2007
Date Data Entry Finished:	06/05/2007
Individual Or Staff Assoc With The Mapping:	Phillip Wilkins
Program Used To Map Restricted Features:	ArcGIS 9.2
Date Legal Paperwork Stamped/Filed/Register Of Deeds:	10/22/2002
Commercial I Land Use Restriction:	0
Commercial Ii Land Use Restriction:	0
Commercial Iii Land Use Restriction:	0
Commercial Iv Land Use Restriction:	0
Industrial Land Use Restriction:	1
Residential Land Use Restriction:	0
Recreational Land Use Restriction:	0
Multiple Land-Use Restrictions:	0
Site Specific Restrictions:	1
Groundwater Consumption Restrictions:	1
Groundwater Contact Restrictions:	0
Special Well Construction Requirements:	1
Special Building Restrictions:	1
Excavation And Soil Movement Restrictions:	1
Soil Movement Requirements:	1
There Is A Restriction On All Construction:	0
Monitoring Well Protected, No Tampering Or Removal:	0
There Is An Exposure Barrier In Place:	1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT AUTOMOTIVE (Continued)

S105144552

There Is A Health And Safety Plan: 1
There Is A Permanent Marker On The Site: 0
Comment: Request received by Karen Kligman
Map Comments: Mapped using Attachment A: Legal Property Description

Name: ITT AUTOMOTIVE
Address: 301 EAST THIRD STREET
City,State,Zip: ROCHESTER, MI 48307
Status: Recorded
Site Name: ITT Automotive
Property: ITT Automotive (Avon Site)
Land Use Restriction Type: RC
Program Type: Part 201
Program Support Assigned User: Not reported
Program Support Assigned Date: Not reported
Legal Description Of Property: Former Western Knitting Mill
Based On The Deq Ref #: 11220102010
MDEQ Reference Number: RC-ERD-02-010
Property Or Description Restricted Area: Former Western Knitting Mill
Lead Division: RRD
File Name Of Hyperlinked Legal Doc: U:\\Kermit\\11220102010.pdf
Mapped Polygons Area In Acres: 1.52
Mapped Polygons Area In Square Miles: 0
Date Data Entry Started: 05/29/2007
Date Data Entry Finished: 05/29/2007
Individual Or Staff Assoc With The Mapping: Phillip Wilkins
Program Used To Map Restricted Features: IcoMap 4.0
Date Legal Paperwork Stamped/Filed/Register Of Deeds: 10/22/2002
Commercial I Land Use Restriction: 0
Commercial Ii Land Use Restriction: 0
Commercial Iii Land Use Restriction: 0
Commercial Iv Land Use Restriction: 0
Industrial Land Use Restriction: 1
Residential Land Use Restriction: 0
Recreational Land Use Restriction: 0
Multiple Land-Use Restrictions: 0
Site Specific Restrictions: 0
Groundwater Consumption Restrictions: 1
Groundwater Contact Restrictions: 0
Special Well Construction Requirements: 0
Special Building Restrictions: 1
Excavation And Soil Movement Restrictions: 1
Soil Movement Requirements: 1
There Is A Restriction On All Construction: 0
Monitoring Well Protected, No Tampering Or Removal: 0
There Is An Exposure Barrier In Place: 1
There Is A Health And Safety Plan: 0
There Is A Permanent Marker On The Site: 1
Comment: Request received by Karen Kligman
Map Comments: Mapped using Attachment A: Legal Description

Name: ITT AUTOMOTIVE
Address: 301 EAST THIRD STREET
City,State,Zip: ROCHESTER, MI 48307
Status: Issued
Site Name: ITT Automotive
Property: ITT Automotive - AVON Plant

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT AUTOMOTIVE (Continued)

S105144552

Land Use Restriction Type: Ordinance
Program Type: Part 201
Program Support Assigned User: Nicholas Ekel
Program Support Assigned Date: 01/24/2012
Legal Description Of Property: Site Address
Based On The Deq Ref #: 14120102002
MDEQ Reference Number: ORD-RRD-201-02-002
Property Or Description Restricted Area: Not reported
Lead Division: RRD
File Name Of Hyperlinked Legal Doc: U:\\KERMIT\\14120102002.PDF
Mapped Polygons Area In Acres: 17.438500000000001
Mapped Polygons Area In Square Miles: 0.0272
Date Data Entry Started: 02/09/2012
Date Data Entry Finished: 02/09/2012
Individual Or Staff Assoc With The Mapping: Nicholas Ekel
Program Used To Map Restricted Features: ArcINFO 9.3 & IcoMAP 4.2
Date Legal Paperwork Stamped/Filed/Register Of Deeds: Not reported
Commercial I Land Use Restriction: 0
Commercial Ii Land Use Restriction: 0
Commercial Iii Land Use Restriction: 0
Commercial Iv Land Use Restriction: 0
Industrial Land Use Restriction: 0
Residential Land Use Restriction: 0
Recreational Land Use Restriction: 0
Multiple Land-Use Restrictions: 0
Site Specific Restrictions: 0
Groundwater Consumption Restrictions: 1
Groundwater Contact Restrictions: 0
Special Well Construction Requirements: 0
Special Building Restrictions: 0
Excavation And Soil Movement Restrictions: 0
Soil Movement Requirements: 0
There Is A Restriction On All Construction: 0
Monitoring Well Protected, No Tampering Or Removal: 0
There Is An Exposure Barrier In Place: 0
There Is A Health And Safety Plan: 0
There Is A Permanent Marker On The Site: 0
Comment: Not reported
Map Comments: 20120124 - LRUR is NOT mapped in KERMIT - Nick Ekel 20120209 - LRUR is mapped in KERMIT - Nick Ekel

PART 201:

Facility ID: 63000881
Facility Status: Remedial Action in Progress (may incl. use restrictions, O&M and/or monitoring)
Source: Motor Vehicle Parts
SAM Score: 24
SAM Score Date: 08/20/2004
Township: 03N
Range: 11E
Section: 14
Quarter: NW
Quarter/Quarter: NW
Pollutants: Cu; Pb; TCE; Hg; Chlorinated solvents; Hydrocarbons; PNAs

BEA:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ITT AUTOMOTIVE (Continued)

S105144552

Secondary Address: Not reported
BEA Number: 225
District: Southeast MI
Date Received: 12/02/1996
Submitter Name: ROCHESTER, CITY OF
Petition Determination: None
Petition Disclosure: 1
Category: No Hazardous Substance(s)
Determination 20107A: Pending
Reviewer: mathewsb
Division Assigned: Environmental Response Division

Secondary Address: 301 E. THIRD STREET
BEA Number: 226
District: Southeast MI
Date Received: 12/02/1996
Submitter Name: CROSSWINDS COMMUNITIES
Petition Determination: None
Petition Disclosure: 1
Category: No Hazardous Substance(s)
Determination 20107A: Pending
Reviewer: mathewsb
Division Assigned: Environmental Response Division

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NO SITES FOUND					

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/11/2019	Source: EPA
Date Data Arrived at EDR: 04/18/2019	Telephone: N/A
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 07/02/2019
Number of Days to Update: 26	Next Scheduled EDR Contact: 10/14/2019
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/11/2019	Source: EPA
Date Data Arrived at EDR: 04/18/2019	Telephone: N/A
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 07/02/2019
Number of Days to Update: 26	Next Scheduled EDR Contact: 10/14/2019
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 07/02/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/03/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/02/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/11/2019	Source: EPA
Date Data Arrived at EDR: 04/18/2019	Telephone: 800-424-9346
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 07/02/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 10/28/2019
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2019	Source: EPA
Date Data Arrived at EDR: 03/27/2019	Telephone: 800-424-9346
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: 312-886-6186
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: 312-886-6186
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: 312-886-6186
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: 312-886-6186
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/22/2019	Source: Department of the Navy
Date Data Arrived at EDR: 03/07/2019	Telephone: 843-820-7326
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 05/10/2019
Number of Days to Update: 41	Next Scheduled EDR Contact: 08/26/2019
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 01/31/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/04/2019	Telephone: 703-603-0695
Date Made Active in Reports: 03/08/2019	Last EDR Contact: 05/29/2019
Number of Days to Update: 32	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 01/31/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/04/2019	Telephone: 703-603-0695
Date Made Active in Reports: 03/08/2019	Last EDR Contact: 05/29/2019
Number of Days to Update: 32	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/25/2019

Source: National Response Center, United States Coast Guard

Date Data Arrived at EDR: 03/26/2019

Telephone: 202-267-2180

Date Made Active in Reports: 05/01/2019

Last EDR Contact: 06/26/2019

Number of Days to Update: 36

Next Scheduled EDR Contact: 10/07/2019

Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

SHWS: This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

Date of Government Version: N/A

Source: Department of Environment, Great Lakes, and Energy

Date Data Arrived at EDR: 10/31/2013

Telephone: 517-284-5103

Date Made Active in Reports: 11/20/2013

Last EDR Contact: 07/22/2019

Number of Days to Update: 20

Next Scheduled EDR Contact: 11/04/2019

Data Release Frequency: No Update Planned

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Solid Waste Facilities Database

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 03/26/2019

Source: Department of Environment, Great Lakes, and Energy

Date Data Arrived at EDR: 03/27/2019

Telephone: 517-335-4035

Date Made Active in Reports: 05/07/2019

Last EDR Contact: 06/26/2019

Number of Days to Update: 41

Next Scheduled EDR Contact: 10/07/2019

Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Sites

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 05/03/2019

Source: Department of Environment, Great Lakes, and Energy

Date Data Arrived at EDR: 05/14/2019

Telephone: 517-373-9837

Date Made Active in Reports: 06/05/2019

Last EDR Contact: 05/14/2019

Number of Days to Update: 22

Next Scheduled EDR Contact: 08/26/2019

Data Release Frequency: Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/17/2018

Source: EPA Region 10

Date Data Arrived at EDR: 03/07/2019

Telephone: 206-553-2857

Date Made Active in Reports: 05/01/2019

Last EDR Contact: 07/24/2019

Number of Days to Update: 55

Next Scheduled EDR Contact: 11/04/2019

Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/16/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 03/12/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 50

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/23/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 03/08/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/12/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/13/2018
Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 55

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Varies

State and tribal registered storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017	Source: FEMA
Date Data Arrived at EDR: 05/30/2017	Telephone: 202-646-5797
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 07/10/2019
Number of Days to Update: 136	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Varies

UST: Underground Storage Tank Facility List

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 02/06/2019	Source: Department of Licensing & Regulatory Affairs
Date Data Arrived at EDR: 02/13/2019	Telephone: 517-373-1820
Date Made Active in Reports: 03/25/2019	Last EDR Contact: 05/17/2019
Number of Days to Update: 40	Next Scheduled EDR Contact: 08/26/2019
	Data Release Frequency: Annually

UST 2: Underground Storage Tank Listing

A listing of underground storage tank site locations that have unknown owner information.

Date of Government Version: 04/23/2018	Source: Department of Licensing & Regulatory Affairs
Date Data Arrived at EDR: 04/25/2018	Telephone: 517-373-1820
Date Made Active in Reports: 06/27/2018	Last EDR Contact: 07/10/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 10/28/2019
	Data Release Frequency: Varies

AST: Aboveground Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 01/15/2019	Source: Department of Licensing & Regulatory Affairs
Date Data Arrived at EDR: 01/24/2019	Telephone: 517-373-1820
Date Made Active in Reports: 03/25/2019	Last EDR Contact: 05/10/2019
Number of Days to Update: 60	Next Scheduled EDR Contact: 08/26/2019
	Data Release Frequency: No Update Planned

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/12/2018	Source: EPA Region 5
Date Data Arrived at EDR: 03/07/2019	Telephone: 312-886-6136
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 09/24/2018	Source: EPA Region 4
Date Data Arrived at EDR: 03/12/2019	Telephone: 404-562-9424
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/23/2019
Number of Days to Update: 50	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 11/07/2018	Source: EPA Region 7
Date Data Arrived at EDR: 03/07/2019	Telephone: 913-551-7003
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/03/2018	Source: EPA, Region 1
Date Data Arrived at EDR: 03/07/2019	Telephone: 617-918-1313
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/17/2018	Source: EPA Region 10
Date Data Arrived at EDR: 03/07/2019	Telephone: 206-553-2857
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/10/2018	Source: EPA Region 9
Date Data Arrived at EDR: 03/08/2019	Telephone: 415-972-3368
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 54	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/16/2018	Source: EPA Region 8
Date Data Arrived at EDR: 03/07/2019	Telephone: 303-312-6137
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 11/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 03/07/2019	Telephone: 214-665-7591
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal institutional control / engineering control registries

AUL: Engineering and Institutional Controls

A listing of sites with institutional and/or engineering controls in place.

Date of Government Version: 03/19/2019

Source: Department of Environment, Great Lakes, and Energy

Date Data Arrived at EDR: 03/20/2019

Telephone: 517-373-4828

Date Made Active in Reports: 05/07/2019

Last EDR Contact: 05/28/2019

Number of Days to Update: 48

Next Scheduled EDR Contact: 09/09/2019

Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008

Source: EPA, Region 7

Date Data Arrived at EDR: 04/22/2008

Telephone: 913-551-7365

Date Made Active in Reports: 05/19/2008

Last EDR Contact: 04/20/2009

Number of Days to Update: 27

Next Scheduled EDR Contact: 07/20/2009

Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015

Source: EPA, Region 1

Date Data Arrived at EDR: 09/29/2015

Telephone: 617-918-1102

Date Made Active in Reports: 02/18/2016

Last EDR Contact: 06/20/2019

Number of Days to Update: 142

Next Scheduled EDR Contact: 10/07/2019

Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields and USTfield Site Database

All state funded Part 201 and 213 sites, as well as LUST sites that have been redeveloped by private entities using the BEA process. Be aware that this is not a list of all of the potential brownfield sites in Michigan.

Date of Government Version: 01/15/2016

Source: Department of Environment, Great Lakes, and Energy

Date Data Arrived at EDR: 02/02/2016

Telephone: 517-373-4805

Date Made Active in Reports: 04/04/2016

Last EDR Contact: 07/22/2019

Number of Days to Update: 62

Next Scheduled EDR Contact: 11/04/2019

Data Release Frequency: Varies

BROWNFIELDS 2: Brownfields Building and Land Site Locations

A listing of brownfield building and land site locations. The listing is a collaborative effort of Michigan Economic Development Corporation, Michigan Economic Developers Association, Detroit Edison, Detroit Area Commercial Board of Realtors

Date of Government Version: 04/23/2019

Source: Economic Development Corporation

Date Data Arrived at EDR: 04/24/2019

Telephone: 888-522-0103

Date Made Active in Reports: 06/04/2019

Last EDR Contact: 07/23/2019

Number of Days to Update: 41

Next Scheduled EDR Contact: 11/04/2019

Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/17/2018
Date Data Arrived at EDR: 12/18/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/04/2019
Next Scheduled EDR Contact: 09/30/2019
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

HIST LF: Inactive Solid Waste Facilities

The database contains historical information and is no longer updated.

Date of Government Version: 03/01/1997
Date Data Arrived at EDR: 02/28/2003
Date Made Active in Reports: 03/06/2003
Number of Days to Update: 6

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-335-4034
Last EDR Contact: 02/28/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWRCY: Recycling Facilities

A listing of recycling center locations.

Date of Government Version: 03/20/2019
Date Data Arrived at EDR: 03/21/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 54

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-241-5719
Last EDR Contact: 06/20/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/26/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 04/23/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/24/2019
Date Data Arrived at EDR: 02/26/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 50

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/24/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: No Update Planned

INVENTORY: Inventory of Facilities

The Inventory of Facilities has three data sources: Facilities under Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA) identified through state funded or private party response activities (Projects); Facilities under Part 213, Leaking Underground Storage Tanks of the NREPA; and Facilities identified through submittals of Baseline Environmental Assessments (BEA) submitted pursuant to Part 201 or Part 213 of the NREPA. The Part 201 Projects Inventory does not include all of the facilities that are subject to regulation under Part 201 because owners are not required to inform the Department of Environmental Quality (DEQ) about the facilities and can pursue cleanup independently. Facilities that are not known to DEQ are not on the Inventory, nor are locations with releases that resulted in low environmental impact. Part 213 facilities listed here may have more than one release; a list of releases for which corrective actions have been completed and list of releases for which corrective action has not been completed is located on the Leaking Underground Storage Tanks Site Search webpage. The DEQ may or may not have reviewed and concurred with the conclusion that the corrective actions described in a closure report meets criteria. A BEA is a document that new or prospective property owners/operations disclose to the DEQ identifying the property as a facility pursuant to Part 201 and Part 213. The Inventory of BEA Facilities overlaps in part with the Part 201 Projects facilities and Part 213 facilities. There may be more than one BEA for each facility.

Date of Government Version: 04/23/2019
Date Data Arrived at EDR: 04/24/2019
Date Made Active in Reports: 06/05/2019
Number of Days to Update: 42

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-284-5136
Last EDR Contact: 07/23/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Quarterly

PART 201: Part 201 Site List

A Part 201 Listed site is a location that has been evaluated and scored by the DEQ using the Part 201 scoring model. The location is or includes a "facility" as defined by Part 201, where there has been a release of a hazardous substance(s) in excess of the Part 201 residential criteria, and/or where corrective actions have not been completed under Part 201 to meet the applicable cleanup criteria for unrestricted residential use. The Part 201 List does not include all of the sites of contamination that are subject to regulation under Part 201 because owners are not required to inform the DEQ about the sites and can pursue cleanup independently. Sites of environmental contamination that are not known to DEQ are not on the list, nor are sites with releases that resulted in low environmental impact.

Date of Government Version: 10/01/2013
Date Data Arrived at EDR: 10/03/2014
Date Made Active in Reports: 10/03/2014
Number of Days to Update: 0

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-284-5103
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Lab Listing

A listing of clandestine drug lab locations.

Date of Government Version: 11/14/2018
Date Data Arrived at EDR: 02/04/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 45

Source: Department of Community Health
Telephone: 517-373-3740
Last EDR Contact: 07/22/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DEL PART 201: Delisted List of Contaminated Sites

A deleted site has been removed from the Part 201 List because information known to the DEQ at the time of the evaluation does not support inclusion on the Part 201 List. This designation is often applied to sites where changes in cleanup criteria resulted in a determination that the site no longer exceeds any applicable cleanup criterion.

A delisted site has been removed from the Part 201 List because response actions have reduced the levels of contaminants to concentrations which meet or are below the criteria for unrestricted residential use.

Date of Government Version: 08/01/2013

Source: Department of Environment, Great Lakes, and Energy

Date Data Arrived at EDR: 08/01/2013

Telephone: 517-373-9541

Date Made Active in Reports: 09/11/2013

Last EDR Contact: 07/22/2019

Number of Days to Update: 41

Next Scheduled EDR Contact: 11/04/2019

Data Release Frequency: Varies

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/24/2019

Source: Drug Enforcement Administration

Date Data Arrived at EDR: 02/26/2019

Telephone: 202-307-1000

Date Made Active in Reports: 04/17/2019

Last EDR Contact: 05/24/2019

Number of Days to Update: 50

Next Scheduled EDR Contact: 09/09/2019

Data Release Frequency: Quarterly

PFAS: PFAS Contaminated Sites Listing

PFAS have been widely used in numerous industrial and residential applications since the 1950s. Their stability and unique chemical properties produce waterproof, stain resistant, and nonstick qualities in products. They are found in some firefighting foams and a wide range of consumer products such as carpet treatments, non-stick cookware, water-resistant fabrics, food packaging materials, and personal care products.

Date of Government Version: 04/04/2019

Source: Department of Environment, Great Lakes & Energy

Date Data Arrived at EDR: 05/15/2019

Telephone: 517-284-9278

Date Made Active in Reports: 07/12/2019

Last EDR Contact: 05/15/2019

Number of Days to Update: 58

Next Scheduled EDR Contact: 08/26/2019

Data Release Frequency: Varies

Local Land Records

LIENS: Lien List

An Environmental Lien is a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products upon a property, including (but not limited to) liens imposed pursuant to CERCLA 42 USC * 9607(1) and similar state or local laws. In other words: a lien placed upon a property's title due to an environmental condition

Date of Government Version: 11/02/2018

Source: Department of Environment, Great Lakes, and Energy

Date Data Arrived at EDR: 01/17/2019

Telephone: 517-241-7603

Date Made Active in Reports: 03/21/2019

Last EDR Contact: 07/19/2019

Number of Days to Update: 63

Next Scheduled EDR Contact: 10/28/2019

Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/02/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/26/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 49

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

PEAS: Pollution Emergency Alerting System

Environmental pollution emergencies reported to the Department of Environmental Quality such as tanker accidents, pipeline breaks, and release of reportable quantities of hazardous substances.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 01/25/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 55

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-373-8427
Last EDR Contact: 07/24/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/25/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/17/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 03/07/2019
Date Data Arrived at EDR: 04/03/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 50

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/21/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/09/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/10/2019
Number of Days to Update: 339	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2017	Telephone: 615-532-8599
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 05/13/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/26/2019
	Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/26/2019	Telephone: 202-566-1917
Date Made Active in Reports: 05/07/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 42	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 05/06/2019
Number of Days to Update: 88	Next Scheduled EDR Contact: 08/19/2019
	Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 05/10/2019
Number of Days to Update: 73	Next Scheduled EDR Contact: 08/19/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/21/2017	Telephone: 202-260-5521
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 06/18/2019
Number of Days to Update: 198	Next Scheduled EDR Contact: 09/30/2019
	Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 01/10/2018	Telephone: 202-566-0250
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 05/24/2019
Number of Days to Update: 2	Next Scheduled EDR Contact: 09/02/2019
	Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 04/24/2019
Number of Days to Update: 77	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/11/2019	Source: EPA
Date Data Arrived at EDR: 04/18/2019	Telephone: 703-416-0223
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 07/01/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/16/2019
	Data Release Frequency: Annually

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/02/2019	Telephone: 202-564-8600
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 07/22/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/11/2019	Source: EPA
Date Data Arrived at EDR: 04/18/2019	Telephone: 202-564-6023
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 07/01/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 08/19/2019
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2019	Source: EPA
Date Data Arrived at EDR: 04/10/2019	Telephone: 202-566-0500
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 07/12/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 07/03/2019
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 07/22/2019
Number of Days to Update: 43	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 06/07/2019
Number of Days to Update: 76	Next Scheduled EDR Contact: 09/16/2019
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 06/07/2019
Number of Days to Update: 40	Next Scheduled EDR Contact: 09/16/2019
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/30/2017	Telephone: 202-566-0517
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 04/26/2019
Number of Days to Update: 15	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/02/2019
Date Data Arrived at EDR: 04/02/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/01/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 01/29/2019
Date Made Active in Reports: 03/21/2019
Number of Days to Update: 51

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/30/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 30

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/08/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 07/10/2019
Number of Days to Update: 546	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017	Source: Department of Energy
Date Data Arrived at EDR: 09/11/2018	Telephone: 202-586-3559
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 05/02/2019
Number of Days to Update: 3	Next Scheduled EDR Contact: 08/19/2019
	Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017	Source: Department of Energy
Date Data Arrived at EDR: 10/11/2017	Telephone: 505-845-0011
Date Made Active in Reports: 11/03/2017	Last EDR Contact: 05/24/2019
Number of Days to Update: 23	Next Scheduled EDR Contact: 09/02/2019
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/11/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/18/2019	Telephone: 703-603-8787
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 07/01/2019
Number of Days to Update: 26	Next Scheduled EDR Contact: 10/14/2019
	Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/27/2018
Date Data Arrived at EDR: 02/27/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 33

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/29/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/31/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/31/2019
Next Scheduled EDR Contact: 09/09/2019
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/27/2019
Date Data Arrived at EDR: 03/28/2019
Date Made Active in Reports: 05/01/2019
Number of Days to Update: 34

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/19/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/15/2019	Source: EPA
Date Data Arrived at EDR: 03/05/2019	Telephone: (312) 353-2000
Date Made Active in Reports: 03/15/2019	Last EDR Contact: 06/05/2019
Number of Days to Update: 10	Next Scheduled EDR Contact: 09/16/2019
	Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 04/07/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/09/2019	Telephone: 202-564-2280
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 07/09/2019
Number of Days to Update: 44	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017	Source: Department of Defense
Date Data Arrived at EDR: 01/17/2019	Telephone: 703-704-1564
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 07/15/2019
Number of Days to Update: 74	Next Scheduled EDR Contact: 10/28/2019
	Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/26/2018	Telephone: 202-564-0527
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 05/24/2019
Number of Days to Update: 71	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/19/2019	Source: EPA
Date Data Arrived at EDR: 02/21/2019	Telephone: 800-385-6164
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 05/21/2019
Number of Days to Update: 39	Next Scheduled EDR Contact: 09/02/2019
	Data Release Frequency: Quarterly

AIRS: Permit and Emissions Inventory Data

Permit and emissions inventory data.

Date of Government Version: 04/03/2019	Source: Department of Environment, Great Lakes, and Energy
Date Data Arrived at EDR: 04/05/2019	Telephone: 517-373-7074
Date Made Active in Reports: 06/04/2019	Last EDR Contact: 06/17/2019
Number of Days to Update: 60	Next Scheduled EDR Contact: 09/30/2019
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ASBESTOS: Asbestos Notification Listing Asbestos

Date of Government Version: 04/30/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 06/04/2019
Number of Days to Update: 28

Source: Department of Licensing & Regulatory Affairs
Telephone: 517-284-7699
Last EDR Contact: 07/01/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

BEA: Baseline Environmental Assessment Database

A BEA is a document that new or prospective property owners/operations disclose to the DEQ identifying the property as a facility pursuant to Part 201 and Part 213. The Inventory of BEA Facilities overlaps in part with the Part 201 Projects facilities and Part 213 facilities. There may be more than one BEA for each facility.

Date of Government Version: 08/21/2013
Date Data Arrived at EDR: 08/23/2013
Date Made Active in Reports: 09/12/2013
Number of Days to Update: 20

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-373-9541
Last EDR Contact: 05/10/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: No Update Planned

COAL ASH: Coal Ash Disposal Sites

Coal fired power plants in Southeast Michigan that have coal ash handling on site.

Date of Government Version: 10/20/2016
Date Data Arrived at EDR: 02/02/2017
Date Made Active in Reports: 04/20/2017
Number of Days to Update: 77

Source: Department of Environment, Great Lakes, and Energy
Telephone: 586-753-3754
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Establishments

A listing of drycleaning facilities in Michigan.

Date of Government Version: 01/15/2019
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 74

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-335-4586
Last EDR Contact: 07/19/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Quarterly

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 04/10/2019
Date Data Arrived at EDR: 04/11/2019
Date Made Active in Reports: 05/07/2019
Number of Days to Update: 26

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-335-6610
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Semi-Annually

FINANCIAL ASSURANCE 3: Financial Assurance Information Listing

Financial assurance information for underground storage tank facilities.

Date of Government Version: 04/08/2019
Date Data Arrived at EDR: 04/24/2019
Date Made Active in Reports: 06/14/2019
Number of Days to Update: 51

Source: Department of Licensing & Regulatory Affairs
Telephone: 517-335-7279
Last EDR Contact: 06/26/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 02/22/2019
Date Made Active in Reports: 03/22/2019
Number of Days to Update: 28

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-335-4034
Last EDR Contact: 06/20/2019
Next Scheduled EDR Contact: 10/07/2019
Data Release Frequency: Varies

LEAD CERT: Lead Safe Housing Registry

A listing of Michigan properties included in the Lead Safe Housing Registry.

Date of Government Version: 09/15/2015
Date Data Arrived at EDR: 09/16/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 14

Source: Department of Community Health
Telephone: 517-335-9699
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Quarterly

NPDES: List of Active NPDES Permits

General information regarding NPDES (National Pollutant Discharge Elimination System) permits and NPDES Storm Water permits.

Date of Government Version: 03/27/2019
Date Data Arrived at EDR: 04/03/2019
Date Made Active in Reports: 05/07/2019
Number of Days to Update: 34

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-241-1300
Last EDR Contact: 07/03/2019
Next Scheduled EDR Contact: 10/14/2019
Data Release Frequency: Varies

UIC: Underground Injection Wells Database

A listing of underground injection well locations. The UIC Program is responsible for regulating the construction, operation, permitting, and closure of injection wells that place fluids underground for storage or disposal.

Date of Government Version: 01/29/2019
Date Data Arrived at EDR: 01/30/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 61

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-241-1515
Last EDR Contact: 07/09/2019
Next Scheduled EDR Contact: 11/04/2019
Data Release Frequency: Quarterly

WDS: Waste Data System

The Waste Data System (WDS) tracks activities at facilities regulated by the Solid Waste, Scrap Tire, Hazardous Waste, and Liquid Industrial Waste programs.

Date of Government Version: 05/17/2019
Date Data Arrived at EDR: 05/17/2019
Date Made Active in Reports: 06/05/2019
Number of Days to Update: 19

Source: Department of Environment, Great Lakes, and Energy
Telephone: 517-284-6562
Last EDR Contact: 05/16/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA PART 201: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Michigan.

Date of Government Version: N/A	Source: Department of Environment, Great Lakes, and Energy
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/24/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 176	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Michigan.

Date of Government Version: N/A	Source: Department of Environment, Great Lakes, and Energy
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/13/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 196	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Michigan.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Environment, Great Lakes, and Energy
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 02/11/2019
Date Data Arrived at EDR: 02/12/2019
Date Made Active in Reports: 03/04/2019
Number of Days to Update: 20

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/14/2019
Next Scheduled EDR Contact: 08/26/2019
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/09/2019
Next Scheduled EDR Contact: 10/21/2019
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 51

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/01/2019
Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/27/2018
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/15/2019
Next Scheduled EDR Contact: 10/28/2019
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/17/2019
Next Scheduled EDR Contact: 09/02/2019
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/10/2019
Next Scheduled EDR Contact: 09/23/2019
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Centers, Group & Family Homes

Source: Bureau of REgulatory Services
Telephone: 517-373-8300

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Department of Natural Resources
Telephone: 517-241-2254

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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Appendix E



PM PROFESSIONAL RESUMES

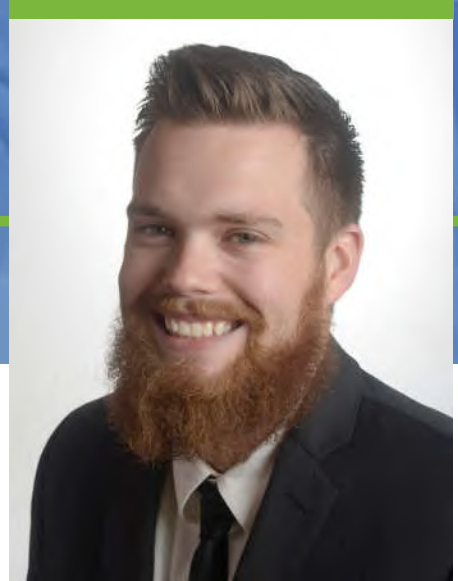
JACOB BLOOM

STAFF CONSULTANT

1.800.313.2966 www.pmenv.com bloom@pmenv.com

AREAS OF EXPERTISE

- Staff researcher for Phase I Environmental Site Assessments (ESAs)
- Assist with site investigation for Phase I ESAs
- Assist with data collection and evaluation for Transaction Screen Assessments, Phase I ESAs and other due diligence reports
- Experience in implementation and completion of various site assessment standards and professional protocol and commercial lending requirements (ASTM E-1527)



EDUCATION

- Albion College
B.S. Geological Sciences

KRISTIN GABLE

NATIONAL MANAGER—DUE DILIGENCE

1.800.313.2966 www.pmenv.com gable@pmenv.com

Kristin Gable is the National Manager of Due Diligence at PM Environmental, Inc. and has a decade of experience specializing in Phase I Environmental Site Assessments and Risk Management.

As the National Manager of Due Diligence, she manages all aspects of the over 3,000 annual transactional due diligence projects throughout the United States for financial institutions and borrowers, retail chains, industrial conglomerates, and real estate developers.

AREAS OF EXPERTISE

- National coordination and management of the Due Diligence Department
- Experience in implementation and completion of various site assessment standards and professional protocol and commercial lending requirements (ASTM E-1527, ASTM E-1528)
- Data collection, site investigation, and preparation of Phase I ESA and Transaction Screen projects
- Peer/senior technical review of Phase I ESA projects using ASTM Standard 1527
- Experience in real estate portfolio analysis for evaluation of environmental risk associated with single and multi property transactions for the lending industry
- Experience with local, state, and federal regulatory acts



EDUCATION

- Oakland University B.S. Environmental Science—Specialization in Environment and Resource Management

CERTIFICATIONS

- Meets the definition of Environmental Professional as defined in § 312.10 of 40 CFR 312
- Certified Asbestos Building Inspector Accreditation #A39706

STEVEN E. PRICE, CHMM

PRINCIPAL AND VICE PRESIDENT

1.800.313.2966 www.pmenv.com price@pmenv.com

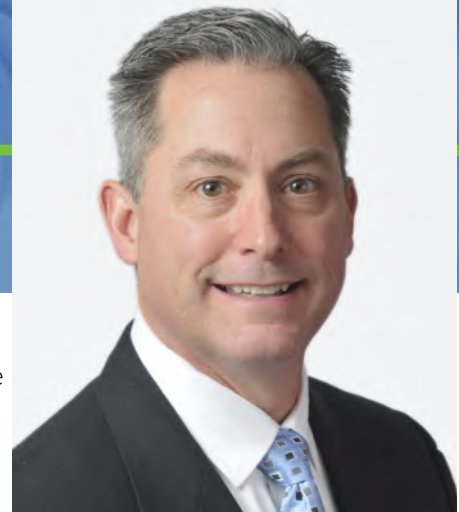
Steven Price is a Principal and Vice President at PM Environmental, Inc. and has served clients in several states since 1987. He specializes in transactional due diligence with a focus on lending institutions, and environmental risk policy development, implementation and training.

Price has extensive experience with Phase I and II Environmental Site Assessments, (ESAs), Baseline Environmental Assessments (BEAs), and Due Care Plans. He also has extensive experience with loans involving the Small Business Association (SBA).

Price has been involved in thousands of transactions, including typical environmental due diligence for purchase and refinance transactions, and participations and foreclosures. His focus includes serving financial clients based in the Midwest with investment interests across the country.

AREAS OF EXPERTISE

- Involved in the collateral and exposure analysis for over 30,000 real estate transactions, including single and multi commercial, industrial, and multi state properties
- Wrote and implemented environmental policies for several local, community and regional lending institutions with combined assets totaling over \$150 billion
- Experience in real estate portfolio analysis for evaluation of environmental risk associated with single and multi property transactions for the lending industry
- Extensive experience in the management of environmental due diligence associated with foreclosed properties
- Lead environmental risk manager for several single and multi state, multi-property participation/syndication transactions; including acting as agent for banks and coordination with participating bank environmental risk managers
- Experience in extensive bank branch real estate portfolio, including environmental risk analysis/reduction relating to asbestos containing materials, lead based paint, mold, and environmental due diligence during acquisition and divestment of branch locations
- Peer/senior technical review of thousands of Phase I and Phase II ESAs.
- Peer/senior technical review for numerous BEAs and due care plans in accordance with P.A. 451.
- Presented the "Environmental Considerations" session at the SBA Great Lakes Lenders Conference for several years.



EDUCATION

- Ferris State University B.S. Industrial and Environmental Health Minor in Biology

CERTIFICATIONS

- Certified Hazardous Materials Manager (CHMM) No. 15069
- OSHA 1910.120 Hazardous Waste Training
- American Red Cross Standard First Aid and Adult CPR
- Meets the definition of Environmental Professional as defined in § 312.10 of 40 CFR 312

PROFESSIONAL ACTIVITIES

- Michigan Bankers Association— Member of the Environmental Affairs Committee
- Michigan Association of Environmental Professionals
- Environmental Bankers Association
- Community Bankers Association

Appendix F



COMMON ACRONYMS AND TERMINOLOGY USED IN THE COURSE OF THIS PHASE I ESA

The following is a list of common acronyms:

All Appropriate Inquiry	AAI
Asbestos Containing Materials	ACM
Aboveground Storage Tank	AST
American Society for Testing Materials	ASTM
Approximate Minimum Search Distance	ASMD
Comprehensive Environmental Response, Compensation and Liability Act	CERCLA
Environmental Data Resources	EDR
Environmental Site Assessment	ESA
Federal Emergency Response Notification System	ERNS
Large Quantity Generator	LQG
Leaking Underground Storage Tank	LUST
National Priority List	NPL
No Further Remedial Action Planned	NFRAP
PM Environmental, Inc.	PME
Polychlorinated Biphenyls	PCBs
Resource Conservation and Recovery Act	RCRA
Small Quantity Generator	SQG
Treatment Storage and Disposal Facility	TSD
Underground Storage Tank	UST
United States Environmental Protection Agency	USEPA

TERMINOLOGY

The following provides definitions and descriptions of certain terms that may be used in this report. Several terms are defined by ASTM Standard Practice E 1527. The Standard Practice should be referenced for further detail (such as the precise wording), related definitions, or additional explanation regarding the meaning of terms.

Asbestos containing material (ACM): Any material found to contain greater than 1% asbestos using an analytical method that is approved by the USEPA for asbestos analysis.

De minimis conditions: Conditions that generally do not present a material risk or harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

Friable material: Defined in the National Emission Standards for Hazardous Air Pollutants (NESHAP) as a material that can be pulverized or reduced to dust using hand pressure only.

General risk of enforcement action: The likelihood that an environmental condition would be subject to enforcement action if brought to the attention of appropriate

governmental agencies. If the circumstances suggest an enforcement action would be more likely than not, then the condition is considered a general risk of enforcement action.

Historical recognized environmental condition (HREC): Environmental condition which in the past would have been considered a recognized environmental condition, but which may or may not be considered a recognized environmental condition currently. The final decision rests with the environmental professional and will be influenced by the current impact of the historical recognized environmental condition on the subject property. If a past release of any hazardous substances or petroleum products has occurred in connection with the subject property, with such remediation accepted by the responsible regulatory agency (for example, as evidenced by the issuance of a no further action letter or equivalent), this condition shall be considered a historical recognized environmental condition.

Non-friable material: Defined by National Emission Standards for Hazardous Air Pollutants (NESHAP) as a material that cannot be pulverized or reduced to dust using hand pressure only. According to NESHAP, non-friable building materials include those in Category I (packings, gaskets, resilient floor coverings/adhesives, and asphalt roofing materials) and those in Category II (all other materials).

Recognized environmental condition (REC): The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the subject property or into the ground, ground water, or surface water of the subject property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

Subject property: The area that is the focus of a Phase I Environmental Site Assessment. The boundaries are not necessarily consistent with recorded legal descriptions of real estate, and are defined by the User.

Suspect ACM of concern: Defined as “(I) all friable suspect ACMs (II) any non-friable suspect ACMs expected to be disturbed by renovation or demolition activities planned for the subject property.”

General Scope of Services for Phase I ESA

The purpose of the Phase I ESA is to gather sufficient information to develop an independent professional opinion about the environmental condition of the subject property. The ESA will be conducted in an attempt to satisfy the ASTM Standard (E-1527-13) and the U.S. EPA Standards and Practices for All Appropriate Inquiry as defined in the Small Business Liability Relief and Brownfields Revitalization Act. The Phase I ESA will encompass the following scope of work:

Records Review

- Federal and State database search for sites within the ASTM approximate minimum search distances.
- Review of one or more additional state environmental record sources (e.g., fire department, health department, published local or state site contamination lists, etc.). PM is typically exhaustive in inquiry with these resources.
- Utilization of as many of the ASTM standard historical sources as necessary and as reasonably ascertainable and likely to be useful to document all obvious uses of the subject property from the present, back to the subject property's first developed usage (agricultural or the placement of fill) or 1940, whichever is earlier (e.g., aerial photographs, fire insurance maps, topographic maps, street directories, building record and other sources including knowledgeable interviewees). PM is typically exhaustive in usage of these resources to document subject property historical usages. **Chain of title is not typically consulted by PM unless all other standard and historical sources cannot adequately document subject property usages or if required by a lender. A separate fee to the lump sum quoted will be assessed for obtainment of chain of title.**
- A records review in accordance with the requirements for a Vapor Intrusion Assessment per ASTM E-2600-08 is not included in this scope of work.

Site Reconnaissance

- The objective of the site reconnaissance is to obtain information regarding the likelihood of recognized environmental conditions in connection with the subject property.
- The exterior of the subject property and any structures, as well as, pathways, roads, etc., will be visually and physically observed.
- The interior of the structures on the subject property will be visually and physically observed. This includes all common areas, maintenance and repair rooms, boiler rooms and representative number of occupant spaces. Observations under floors, above ceilings or behind walls are not required unless specified by requirements other than the ASTM standard.
- PM will evaluate non-ASTM scope issues with a visual inspection, and comment on asbestos containing building materials, lead based paint, and water intrusion associated with mold. Sampling is not included within this scope of work, but can be completed under a separate proposal.
- Current and past uses of the subject property and adjoining properties, and general uses of surrounding properties, to the extent visually and physically observed will be recorded. Emphasis is placed on subject property or adjoining property usages involving use, treatment, storage, disposal or generation of hazardous substances or petroleum products. These observations may include process details on raw material and waste management practices.
- General description of structures and improvements on the subject property (number and age of buildings, ancillary structures, utilities, storage tanks, hazardous substance and petroleum product usage, general chemical or raw material usage, heating and cooling, stains, solid waste, waste water, etc.).

Interviews with Owners and Occupants

- Interviews with owners, occupants, key site manager and user (person on behalf Phase I ESA conducted), typically with regard to information about current and historical uses, general site setting information, site specific documents, litigation, administrative orders, notices of violations with regard to environmental issues, etc.

Interviews with Local Government Officials

- A reasonable attempt will be made to interview at least one staff member of any of the following: the local fire department, the local agency or state agency having jurisdiction over environmental matters in the area in which the subject property is located, and/or the local health department. PM is typically exhaustive in its inquiry of these sources, unless professional experience has indicated the resource is not beneficial.

Evaluation and Report Preparation

- The report of the Phase I ESA findings will generally follow the ASTM format unless otherwise requested by the client or as outlined in any applicable lender requirements. The report will include documentation of sources, methodology, limitations, and credentials. *Liability/risk evaluations, recommendations for Phase II ESA testing and remediation techniques are not provided within the scope of an ASTM performed assessment.* Phase I ESA reports are kept in the strictest client confidence and are issued directly to the client. Issuance or reliance on the Phase I ESA report for purposes of making loan decisions by a private lender may be included in the Phase I ESA report if specified by the client.

USER'S CONTINUING OBLIGATIONS UNDER CERCLA

Conducting a Phase I ESA alone does not provide a landowner with protection against CERCLA liability. Landowners who want to maintain a bona Fide Prospective Purchaser, an Innocent Landowner, or a Contiguous Property Owner Defense must also comply with other pre-acquisition and post-acquisition requirements in the CERCLA regulations and AAI standards. The responsibilities for each defense are summarized below.

Bona Fide Prospective Purchaser Responsibilities

The Bona Fide Prospective Purchaser defense is intended for individuals or entities purchasing a property known to be contaminated. To obtain and maintain the defense, the individual or entity seeking the defense must also satisfy the following requirements (AAI, Section II D.1.):

- Have acquired a property after all disposal activities involving hazardous substances ceased at the property;
- Provide all legally required notices with respect to the discovery or release of any hazardous substances at the property;
- Exercise appropriate care by taking reasonable steps to stop continuing releases, prevent any threatened future releases, and prevent or limit human, environmental, or natural resources exposure to any previously released hazardous substance;
- Provide full cooperation, assistance, and access to persons authorized to conduct response actions or natural resource restorations;
- Comply with land use restrictions established or relied on in connection with a response action;
- Not impede the effectiveness or integrity of any institutional controls;
- Comply with any CERCLA request for information or administrative subpoena; and
- Not be potentially liable, or affiliated with any other person who is potentially liable for response costs for addressing releases at the property.

Innocent Landowner Responsibilities

The Innocent Landowner Defense protects individuals or entities (ultimately the "property owner") purchasing a property that is not known to be contaminated. The property owner must also satisfy the following requirements to obtain and maintain the defense (AAI, Section II D.3 and CERCLA Section 107(b)(3)):

- Have no reason to know that any hazardous substance which is the subject of a release of threatened release was disposed of on, in, or at the facility;
- Provide full cooperation, assistance and access to persons authorized to conduct response actions at the property;
- Comply with any land use restrictions and not impeding the effectiveness or integrity of any institutional controls;

- Take reasonable steps to stop continuing releases, prevent any threatened release, and prevent to limit human, environmental, or natural resource exposure to any hazardous substances released on or from the landowner's property;
- Demonstrate that the act or omission that caused the release or threat of release of hazardous substances and the resulting damages were caused by the third party with whom the person does not have employment, agency, or contractual relationship;
- Exercise due care with respect to the hazardous substance concerned, taking into consideration the characteristics of such hazardous substance, in light of all relevant facts and circumstances;
- Take precautions against foreseeable acts or omissions of a third party and the consequences that could result from such acts or omissions.

Contiguous Property Owner Defense

The Contiguous Property Owner Defense protects individuals or entities purchasing a property that is not known to be contaminated, but could be contaminated by migration from a contiguous property owned by someone else. To qualify as a contiguous property owner, a landowner must have no knowledge of contamination prior to acquisition, or reason to know of contamination at the time of acquisition, have conducted AAI, and meet all of the criteria set forth in AAI Section II.D.2 and CERCLA Section 107(q)(1)(A), which include:

- Not cause, contribute, or consent to the release or threatened release;
- Not be potentially liable nor affiliated with any other person potentially liable for response costs at the property;
- Take reasonable steps to stop continuing releases, prevent any threatened release, and prevent or limit human, environmental, or natural resource exposure to any hazardous substances released on or from the landowner's property;
- Provide full cooperation, assistance, and access to persons authorized to conduct response actions or natural resource restorations;
- Comply with land use restrictions established or relied on in connection with a response action;
- Not impede the effectiveness or integrity of any institutional controls;
- Comply with any CERCLA request for information or administrative subpoena;
- Provide all legally required notices with respect to discovery or release of any hazardous substances at the property.

Persons who know, or have reason to know, that the property is or could be contaminated at the time of acquisition of a property cannot qualify for the liability protection as a contiguous property owner, but may be entitled to Bona Fide Prospective Purchaser status.

Appendix B



AKTPEERLESS environmental services

22725 Orchard Lake Road, Farmington, MI 48336
 Phone: (248)615-1333 Fax: (248)615-1334

BORING LOG

SHELL STORE No. 55
 975 SOUTH ROCHESTER ROAD
 ROCHESTER HILLS, MICHIGAN
 PROJECT NUMBER: 4500F-2-20

B-1W

DRAWN BY: OGO
 DATE: 03-16-05

DRILLING COMPANY:	STOCK DRILLING	WEATHER:	SUNNY, 24° F
TECHNICIAN:	JEREMY FOX	BORING DEPTH:	12.0 FEET BGS
DATE DRILLED:	03-09-05	DEPTH TO GW:	3.0 & 5.5 FEET BGS
DRILLING METHOD:	GEOPROBE	SCREEN INTERVAL:	4.0-9.0 FEET BGS
		SCREEN MATERIAL:	2" DIAMETER PVC

DEPTH FEET	SAMPLE INTERVAL	% RECOVERY	PID VALUE	GRAPHIC LOG	USCS SOIL CLASS.	COLOR	GEOLOGIC DESCRIPTION	MOISTURE	TEMPORARY WELL DIAGRAM
							CONCRETE		
02			ND				PEA GRAVEL: Some Sand		
04			0.4		CL	Brown	CLAY: Some Silt, Trace Sand & Gravel, Moist	▽	
06			0.4		OL	Brown	SILT: Some Clay, Trace Sand & Gravel, Wet	▽	
08			0.3		CL	Brown	CLAY: Some Silt, Trace Sand & Gravel, Moist		
10			0.6						
12			0.6				END OF BORING @ 12.0 FEET BGS		

▽ = TOP OF GROUNDWATER

BGS = BELOW GROUND SURFACE

N/A = NOT APPLICABLE

AKTPEERLESS environmental services

22725 Orchard Lake Road, Farmington, MI 48336
 Phone: (248)615-1333 Fax: (248)615-1334

BORING LOG

SHELL STORE No. 55
 975 SOUTH ROCHESTER ROAD
 ROCHESTER HILLS, MICHIGAN
 PROJECT NUMBER: 4500F-2-20

B-2

DRAWN BY: OGO
 DATE: 03-16-05

DRILLING COMPANY:	STOCK DRILLING	WEATHER:	SUNNY, 24 F
TECHNICIAN:	JEREMY FOX	BORING DEPTH:	12.0 FEET BGS
DATE DRILLED:	03-09-05	DEPTH TO GW:	4.0 & 6.5 FEET BGS
DRILLING METHOD:	GEOPROBE	SCREEN INTERVAL:	NA
		SCREEN MATERIAL:	NA

DEPTH FEET	SAMPLE INTERVAL	% RECOVERY	PID VALUE	GRAPHIC LOG	USCS SOIL CLASS.	COLOR	GEOLOGIC DESCRIPTION	MOISTURE	TEMPORARY WELL DIAGRAM
				ASPHALT					
02			0.3	SW	SW	Brown	SAND: Trace Silt & Gravel, Moist		
04			29.3	SW	SW	Black	SAND: Odors, Moist-Wet	▽	
				CL	CL	Gray-Green	CLAY: Some Silt, Trace Sand & Gravel, Moist		
06			0.3	SW	SW	Brown	SAND: Medium, Some Gravel, Moist-Wet	▽	
08			0.3	CL	CL	Brown	CLAY: Moist		
10			0.4	CL					
12			0.4	CL					
							END OF BORING @ 12.0 FEET BGS		

▽ = TOP OF GROUNDWATER

BGS = BELOW GROUND SURFACE

N/A = NOT APPLICABLE

AKTPEERLESS environmental services

22725 Orchard Lake Road, Farmington, MI 48336
 Phone: (248)615-1333 Fax: (248)615-1334

BORING LOG

SHELL STORE No. 55
 975 SOUTH ROCHESTER ROAD
 ROCHESTER HILLS, MICHIGAN
 PROJECT NUMBER: 4500F-2-20

B-3

DRAWN BY: OGO
 DATE: 03-16-05

DRILLING COMPANY:	STOCK DRILLING	WEATHER:	SUNNY, 24 F
TECHNICIAN:	JEREMY FOX	BORING DEPTH:	12.0 FEET BGS
DATE DRILLED:	03-09-05	DEPTH TO GW:	4.0 & 5.5 FEET BGS
DRILLING METHOD:	GEOPROBE	SCREEN INTERVAL:	NA
		SCREEN MATERIAL:	NA

DEPTH FEET	SAMPLE INTERVAL	% RECOVERY	PID VALUE	GRAPHIC LOG	USCS SOIL CLASS.	COLOR	GEOLOGIC DESCRIPTION	MOISTURE	TEMPORARY WELL DIAGRAM
							ASPHALT		
02			03		SW	Brown-Black	SAND: Some Gravel, Moist	▽	
04			5.7		CL	Brown-Black	CLAY: Some Silt, Moist	▽	
06			0.3		OL	Brown	SILT		
08			0.3						
10			0.4		CL	Brown	CLAY		
12			0.3				END OF BORING @ 12.0 FEET BGS		

▽ = TOP OF GROUNDWATER

BGS = BELOW GROUND SURFACE

N/A = NOT APPLICABLE

AKTPEERLESS environmental services

22725 Orchard Lake Road, Farmington, MI 48336
Phone: (248)615-1333 Fax: (248)615-1334

BORING LOG

SHELL STORE No. 55
975 SOUTH ROCHESTER ROAD
ROCHESTER HILLS, MICHIGAN
PROJECT NUMBER: 4500F-2-20

B-4

DRAWN BY: OGO
DATE: 03-16-05

DRILLING COMPANY:	STOCK DRILLING	WEATHER:	SUNNY, 24 F
TECHNICIAN:	JEREMY FOX	BORING DEPTH:	14.0 FEET BGS
DATE DRILLED:	03-08-05	DEPTH TO GW:	4.5 & 5.5 FEET BGS
DRILLING METHOD:	GEOPROBE	SCREEN INTERVAL:	NA
		SCREEN MATERIAL:	NA

DEPTH FEET	SAMPLE INTERVAL	% RECOVERY	PID VALUE	GRAPHIC LOG	USCS SOIL CLASS.	COLOR	GEOLOGIC DESCRIPTION	MOISTURE	TEMPORARY WELL DIAGRAM
							ASPHALT		
02			1249		SW	Brown	SAND: Some Gravel, Moist		
04			1142		SW	Brown-Black	SAND: Odors, Moist	▽	
06			ND		CL	Gray-Green	CLAY	▽	
08			11.5		SW	Gray-Black	SAND: Some Silt, Wet		
10			144						
12			55		CL	Brown	CLAY		
14			55				END OF BORING @ 14.0 FEET BGS		

▽ = TOP OF GROUNDWATER

BGS = BELOW GROUND SURFACE

N/A = NOT APPLICABLE

AKTPEERLESS environmental services

22725 Orchard Lake Road, Farmington, MI 48336
 Phone: (248)615-1333 Fax: (248)615-1334

BORING LOG

SHELL STORE No. 55
 975 SOUTH ROCHESTER ROAD
 ROCHESTER HILLS, MICHIGAN
 PROJECT NUMBER: 4500F-2-20

B-5

DRAWN BY: OGO
 DATE: 03-16-05

DRILLING COMPANY:	STOCK DRILLING	WEATHER:	SUNNY, 24 F
TECHNICIAN:	JEREMY FOX	BORING DEPTH:	12.0 FEET BGS
DATE DRILLED:	03-08-05	DEPTH TO GW:	4.0 & 5.0 FEET BGS
DRILLING METHOD:	GEOPROBE	SCREEN INTERVAL:	NA
		SCREEN MATERIAL:	NA

DEPTH FEET	SAMPLE INTERVAL	% RECOVERY	PID VALUE	GRAPHIC LOG	USCS SOIL CLASS.	COLOR	GEOLOGIC DESCRIPTION	MOISTURE	TEMPORARY WELL DIAGRAM
							CONCRETE		
02			3.9		SW	Brown-Black	SAND: Moist		
04			0.3		CL	Brown	CLAY: Moist	▽	
06			0.3		OL	Brown	SILT: Some Clay, Wet	▽	
08			0.3		CL	Brown	CLAY: Moist		
10			0.3		CL	Gray	CLAY: Moist		
12			0.3				END OF BORING @ 12.0 FEET BGS		

▽ = TOP OF GROUNDWATER

BGS = BELOW GROUND SURFACE

N/A = NOT APPLICABLE

AKTPEERLESS environmental services

22725 Orchard Lake Road, Farmington, MI 48336
 Phone: (248)615-1333 Fax: (248)615-1334

BORING LOG

SHELL STORE No. 55
 975 SOUTH ROCHESTER ROAD
 ROCHESTER HILLS, MICHIGAN
 PROJECT NUMBER: 4500F-2-20

B-6W

DRAWN BY: OGO
 DATE: 03-16-05

DRILLING COMPANY:	STOCK DRILLING	WEATHER:	SUNNY, 24 F
TECHNICIAN:	JEREMY FOX	BORING DEPTH:	12.0 FEET BGS
DATE DRILLED:	03-09-05	DEPTH TO GW:	4.5 & 5.0 FEET BGS
DRILLING METHOD:	GEOPROBE	SCREEN INTERVAL:	4.0-7.0 FEET BGS
		SCREEN MATERIAL:	2' DIAMETER PVC

DEPTH FEET	SAMPLE INTERVAL	% RECOVERY	PID VALUE	GRAPHIC LOG	USCS SOIL CLASS.	COLOR	GEOLOGIC DESCRIPTION	MOISTURE	TEMPORARY WELL DIAGRAM
							ASPHALT		
02			0.3		SW	Brown	SAND: Some Gravel, Moist-Wet		<p>PVC RISER</p> <p>PVC SCREEN</p>
04			0.4		CL	Brown	CLAY: Moist	▽	
06			0.3		SW	Brown	SAND: Wet	▽	
08			0.4		CL	Brown	CLAY: Moist		
10			0.3		CL	Brown	CLAY: Moist		
12			0.3				END OF BORING @ 12.0 FEET BGS		

▽ = TOP OF GROUNDWATER

BGS = BELOW GROUND SURFACE

N/A = NOT APPLICABLE

AKTPEERLESS environmental services

22725 Orchard Lake Road, Farmington, MI 48336
 Phone: (248)615-1333 Fax: (248)615-1334

BORING LOG

SHELL STORE No. 55
 975 SOUTH ROCHESTER ROAD
 ROCHESTER HILLS, MICHIGAN
 PROJECT NUMBER: 4500F-2-20

B-7W

DRAWN BY: OGO
 DATE: 03-16-05

DRILLING COMPANY:	STOCK DRILLING	WEATHER:	SUNNY, 24 F
TECHNICIAN:	JEREMY FOX	BORING DEPTH:	12.0 FEET BGS
DATE DRILLED:	03-09-05	DEPTH TO GW:	3.5 & 5.0 FEET BGS
DRILLING METHOD:	GEOPROBE	SCREEN INTERVAL:	4.5-9.0 FEET BGS
		SCREEN MATERIAL:	2" DIAMETER PVC

DEPTH FEET	SAMPLE INTERVAL	% RECOVERY	PID VALUE	GRAPHIC LOG	USCS SOIL CLASS.	COLOR	GEOLOGIC DESCRIPTION	MOISTURE	TEMPORARY WELL DIAGRAM
							ASPHALT		
02			0.3		SW	Brown	SAND: Moist-Wet		<p>PVC RISER</p> <p>PVC SCREEN</p>
04			0.4		CL	Brown	CLAY: Moist	▽	
06			0.3		SW	Brown	SAND: Some Silt, Wet	▽	
08			0.3		CL	Brown	CLAY: Moist		
10			0.4						
12			0.4				END OF BORING @ 12.0 FEET BGS		

▽ = TOP OF GROUNDWATER

BGS = BELOW GROUND SURFACE

N/A = NOT APPLICABLE

Appendix C



975 S ROCHESTER RD ROCHESTER HILLS, MI 48307-2743 (Property Address)

Parcel Number: 70-15-14-351-012



Item 1 of 1 [1 Image / 0 Sketches](#)

Property Owner: ROCHESTER AVON PARTNERS, LLC

Summary Information

- > Commercial/Industrial Building Summary
 - Yr Built: 1970
 - Total Sq.Ft.: 1,407
- # of Buildings: 1
- > Assessed Value: \$191,730 | Taxable Value: \$181,680
- > 47 Building Department records found
- > Property Tax information found
- > 11 Invoices Found, Amount Due: 0.00

Important Message

The City of Rochester Hills does not guarantee that information on this web site is accurate, timely or complete, although the City strives to meet those criteria. Please contact the following departments if you believe there are errors in the data; PropertyTaxes, Special Assessments, and Miscellaneous Receivables - Treasury Department 248-656-4675, Assessments - Assessing Department 248-656-4605, Permits - Building Department 248-656-4615. Any errors or omissions will not negate the taxes or special assessments that are due and payable. The official records are at the Rochester Hills City Hall for current year tax collections only. Payments made for delinquent taxes are not reflected on this website. To determine if a payment has been made after the current collection period, contact the Oakland County Treasurer at 248-858-0611 or click [here](#) for the Access Oakland web site.

All Special Assessment/Miscellaneous Receivables payments must be on separate checks. Please call 248-656-4688 to check for **water and/or sewer assessments**. Please call GFL at 844-464-3587 to check for outstanding **Solid Waste account balances**. Please view the Winter tax bill for any tax assigned **road paving installments**. If you need to inquire about **false alarms charges** that may occur during the current month that have not yet been reported to or billed by the City Treasurer, you may contact the Sheriff's office at 248-537-3530. You may inquire about **weed control charges** that may occur during the current month that have not yet been reported to or billed by the City Treasurer, by contacting whiteb@rochesterhills.org. Our weed cutting season runs May 1 - Nov 1.

Owner and Taxpayer Information

Owner	ROCHESTER AVON PARTNERS, LLC 975 S ROCHESTER RD ROCHESTER HILLS, MI 48307-2743	Taxpayer	SEE OWNER INFORMATION
--------------	--	-----------------	-----------------------

General Information for Tax Year 2019

Property Class	201 COMMERCIAL	Unit	70 CITY OF ROCHESTER HILLS
School District	ROCHESTER 63260	Assessed Value	\$191,730
MAP #	<i>No Data to Display</i>	Taxable Value	\$181,680
USER NUM IDX	0	State Equalized Value	\$191,730
USER ALPHA 1		Date of Last Name Change	08/08/2019
USER ALPHA 3	0	Notes	<i>Not Available</i>
Historical District	No	Census Block Group	<i>No Data to Display</i>
USER ALPHA 2		Exemption	<i>No Data to Display</i>

Principal Residence Exemption Information

Homestead Date *No Data to Display*

Principal Residence Exemption	June 1st	Final
2019	0.0000 %	0.0000 %

Previous Year Information

Year	MBOR Assessed	Final SEV	Final Taxable
2018	\$187,590	\$187,590	\$177,430
2017	\$182,130	\$182,130	\$173,790
2016	\$176,020	\$176,020	\$172,240
2015	\$171,730	\$171,730	\$171,730
2014	\$169,840	\$169,840	\$169,840
2013	\$175,600	\$175,600	\$175,600

Year	MBOR Assessed	Final SEV	Final Taxable
2012	\$187,190	\$187,190	\$187,190
2011	\$204,400	\$204,400	\$204,400
2010	\$229,080	\$229,080	\$229,080
2009	\$252,950	\$252,950	\$252,950
2008	\$253,790	\$253,790	\$253,790
2007	\$255,360	\$255,360	\$255,360
2006	\$247,220	\$247,220	\$247,220
2005	\$225,670	\$225,670	\$159,720

Land Information

Zoning Code	BI	Total Acres	0.504
Land Value	\$142,600	Land Improvements	<i>Not Available</i>
Renaissance Zone	No	Renaissance Zone Expiration Date	<i>No Data to Display</i>
ECF Neighborhood	00020.GS,CONVMKT	Mortgage Code	<i>No Data to Display</i>
Lot Dimensions/Comments	<i>No Data to Display</i>	Neighborhood Enterprise Zone	No

Lot(s)	Frontage	Depth
No lots found.		
Total Frontage: 0.00 ft		Average Depth: 0.00 ft

Legal Description

T3N, R11E, SEC 14 PART OF SW 1/4 BEG AT PT DIST S 89-51-30 E 33 FT & N 60 FT FROM SW SEC COR, TH N 135 FT, TH E 162.50 FT, TH S 135 FT, TH W 162.50 FT TO BEG 0.51 AB203A

Land Division Act Information

Date of Last Split/Combine	<i>No Data to Display</i>	Number of Splits Left	<i>Not Available</i>
Date Form Filed	<i>No Data to Display</i>	Unallocated Div.s of Parent	<i>Not Available</i>
Date Created	<i>No Data to Display</i>	Unallocated Div.s Transferred	<i>Not Available</i>
Acreage of Parent	0.00	Rights Were Transferred	Yes
Split Number	0	Courtesy Split	No
Parent Parcel	<i>No Data to Display</i>		

Sale History

Sale Date	Sale Price	Instrument	Grantor	Grantee	Terms of Sale	Liber/Page
07/30/2019	\$2,060,000.00	PTA	SAFEWAY ACQUISITION CO LLC	ROCHESTER AVON PARTNERS, LLC	ARMS LENGTH EQUAL	
03/31/2005	\$497,450.00	WD	SHELL OIL CO	SAFEWAY ACQUISITION COMPANY LLC	ARMS LENGTH EQUAL	35438/076

Building Information - 1407 sq ft Markets - Convenience (Commercial)

Floor Area	1,407 sq ft	Estimated TCV	<i>Not Available</i>
Occupancy	Markets - Convenience	Class	C
Stories Above Ground	1	Average Story Height	11 ft
Basement Wall Height	0 ft	Identical Units	1
Year Built	1970	Year Remodeled	<i>Not Available</i>
Percent Complete	100%	Heat	Package Heating & Cooling
Physical Percent Good	74%	Functional Percent Good	100%
Economic Percent Good	100%	Effective Age	20 yrs

****Disclaimer:** BS&A Software provides BS&A Online as a way for municipalities to display information online and is not responsible for the content or accuracy of the data herein. This data is provided for reference only and WITHOUT WARRANTY of any kind, expressed or inferred. Please contact your local municipality if you believe there are errors in the data.

Appendix D



JANA BEUMEL

STAFF SCIENTIST

1.800.313.2966 www.pmenv.com beumel@pmenv.com

Jana Beumel is a Staff Scientist for Site Investigation Services at PM Environmental, Inc. She specializes in Phase II Environmental Site Assessments (ESAs).

AREAS OF EXPERTISE

- Project management, data collection and evaluation, and report preparation of various environmental reports
- Preparation of Baseline Environmental Assessments (BEAs) in accordance with the Michigan Natural Resources and Environmental Protection Act (NREPA), P.A. 451 of 1994
- Preparation of Documentation of Due Care Compliance (DDCC) reports in accordance with Michigan NREPA Section 20107a (Part 201) and Part 213
- Preparation of Response Activity Plans (RAPs) in accordance with Michigan NREPA P.A. 451 of 1994 Section 20114b (Part 201)
- Conducted numerous subsurface investigations for various commercial clients
- Experience with soil vapor pin installation and sample collection for various commercial clients utilizing a helium leak detection kit
- Provided oversight and direction of multiple remedial excavations, UST removals and demolition projects for various commercial clients
- Preparation of construction/excavation summary reports and site assessment reports



EDUCATION

- Wayne State University B.S. in Environmental Science with a minor in Geology

CERTIFICATIONS

- OSHA 29 CFR 1910.120 40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER) Training

JENNIFER L. RITCHIE , C.P.G.

REGIONAL MANAGER—SITE INVESTIGATION SERVICES

1.800.313.2966 www.pmenv.com ritchie@pmenv.com

Jennifer Ritchie is a Senior Project Geologist at PM Environmental, Inc. and has served clients in over thirty states and seven EPA Regions since 1998. She specializes in Phase II Environmental Site Assessments (ESAs), remediation and corrective action, and Leaking Underground Storage Tank (LUST) projects. Ritchie has managed thousands of Phase II ESAs and remediation projects including TSCA regulated sites. She has also received regulatory closure on multiple LUST sites. Her recent focus includes serving commercial and industrial clients, private equity, and banking/lending institutions.

AREAS OF EXPERTISE

- Project manager for Phase II and Phase III Environmental ESAs
- Project manager for Baseline Environmental Assessments (BEAs) and due care plan projects in accordance with the Natural Resource and Environmental Protection Act, P.A. 451 of 1994, Parts 201 and 213
- Project Manager for Leaking Underground Storage Tank (LUST) projects, including removal and in-place closures, contaminant delineation, and remediation using Risk-Based Corrective Action (RBCA) procedures, and reporting in accordance with the Natural Resources and Environmental Protection Act, P.A. 451 of 1994, Part 213
- Project manager for Underground Storage Tank (UST) system site assessment projects including removal and in-place closures and reporting in accordance with the Natural Resources and Environmental Protection Act, P.A. 451 of 1994, Part 211
- Project manager for Toxic Substance Control Act (TSCA) regulated projects, including contaminant delineation, remediation, and reporting in accordance with 40 CFR 761, subpart D
- Project manager for drilling of soil borings, installation of monitoring wells, collection of soil samples, development of monitoring wells, aquifer testing, installation of remediation systems, and operating and maintenance of remediation systems
- Provide peer technical oversight to staff members on due diligence projects and RBCA closures
- Experience with local, state, and federal regulatory acts
- Site-specific health and safety plan evaluation and development



EDUCATION

- University of Central Missouri
B.A. Geology

CERTIFICATIONS

- Certified Professional Geologist No. CPG-11223
- OSHA 29 CFR 1910.120 40-hour Safety Training
- OSHA 29 CFR 1910.120 8-hour Annual Refresher Safety Training
- MUST Safety Program Certification
- American Red Cross Standard First Aid and Adult CPR
- Meets the definition of Environmental Professional as defined in § 312.10 of 40 CFR 312

ADVANCED TRAINING

- ASTM Risk-Based Corrective Action Applied at Petroleum Release Sites
- ITRC Vapor Intrusion Pathway: A Practical Guideline

Appendix F

ACM Survey Report



Environmental & Engineering Services Nationwide



ENVIRONMENTAL SERVICES

BUILDING ARCHITECTURE,
ENGINEERING & SCIENCE

INDUSTRIAL HYGIENE SERVICES

BROWNFIELDS & ECONOMIC
INCENTIVES CONSULTING

PRE-DEMOLITION ASBESTOS CONTAINING MATERIALS SURVEY

Gasoline Dispensing Station and Canopy

975 South Rochester Road | Rochester Hills, MI
PM Project Number 01-11390-0-0004

Prepared for:

Rochester Avon Partners, LLC

251 East Merrill Street
Birmingham, MI 48009

Prepared by:

PM Environmental, Inc.

4080 West Eleven Mile Road
Berkley, Michigan 48072

Know Your Risk.
Take Control.
Work with the Experts.

www.pmenv.com

June 9, 2021

Mr. Doraid Markus
Rochester Avon Partners, LLC
251 East Merrill Street
Birmingham, Michigan 48009

**Re: Pre-Demolition Asbestos Containing Materials Survey
For the Gasoline Dispensing Station and Canopy
Located at 975 South Rochester Road, Rochester Hills, Michigan
PM Environmental, Inc. Project No. 01-11390-0-0004**

Dear Mr. Markus:

PM Environmental, Inc. (PM) was retained by Rochester Avon Partners, LLC (i.e. the Client) to perform a Pre-Demolition Asbestos Containing Materials (ACM) Survey for the Gasoline Dispensing Station and Canopy located at 975 South Rochester Road, Rochester Hills, Michigan (herein after referred to as the subject property). The purpose of this survey was to identify ACM requiring removal prior to the start of the demolition project of the building and canopy.

The Pre-Demolition ACM Survey for the above referenced property represents the product of PM's professional expertise and judgment in the environmental consulting industry, and it is reasonable for **ROCHESTER AVON PARTNERS, LLC** to rely on PM's survey report.

The survey for ACM was performed in accordance with the United States Environmental Protection Agency's (U.S. EPA) requirements for ACM that is presented in 40 CFR 61, Subpart M, and the National Emissions Standards for Hazardous Air Pollutants (NESHAP). During the survey, bulk material inspection, physical assessment, sampling and analysis of the samples were performed in accordance with the requirements of the U.S. EPA's Asbestos Hazard Emergency Response Act (AHERA (40 CFR 763)). The ACM Survey was performed by Mr. Dale Vincent Fountain (State of Michigan Asbestos Inspector Accreditation No. A55377), of PM on May 21, 2021. This survey was conducted in general accordance with the scope of services identified in PM's proposal (01019175) dated April 12, 2021.

REGULATORY INFORMATION

ACM is defined by AHERA as any material or product containing more than one percent asbestos. Materials containing more than one percent asbestos are subject to the requirements of the Asbestos NESHAP. The Asbestos NESHAP requires that all ACM classified as Regulated Asbestos Containing Materials (RACM) be handled in the following manner dependent on its characteristics as summarized below.

- All friable RACM must be removed from a building or structure that is being demolished or renovated before any wrecking or dismantling is performed.
- ACM that is determined to be non-friable in nature must be classified as a Category I or Category II material. This classification then determines, based on handling procedures, whether the material must be removed prior to renovation or demolition and the means and methods to remove the ACM in accordance with the Asbestos NESHAP.

- Category I Non-Friable Materials that may become friable if subjected to sanding, grinding, cutting, or abrading during demolition or renovation must be removed.
- Category II Non-Friable Materials with a high probability of becoming crumbled, pulverized, or reduced to a powder during construction activities (i.e., including renovation and demolition) must be removed.

The Occupational Safety and Health Administration (OSHA) Construction Standard for Asbestos (29 CFR 1926.1101) identifies building or facility owner responsibilities pertaining to asbestos containing materials. Specifically, the Standard requires building and facility owners to determine the presence, location and quantity of ACM and to provide this information to prospective employers (i.e., contractors) applying or bidding for work, whose employees may be reasonably expected to work in areas within or adjacent to areas containing such materials.

DESCRIPTION OF BUILDING STRUCTURES

The subject property consists of one gasoline dispensing station convenience store building containing approximately 1,400 square feet and a canopy.

Suspect interior building materials in the building consist of drywall and joint compound, ceiling tile, various cove base and adhesives. Suspect exterior building materials consist of window and door caulking, cement like siding, and roofing materials. No suspect materials were found associated with the canopy.

No records concerning previous renovation activities for the subject building and canopy were provided to PM for review.

ACCESS LIMITATIONS

During the property inspection, PM surveyed all accessible areas of the building and canopy. No limitations were encountered during the survey.

ASBESTOS SURVEY INSPECTION AND METHODOLOGY

As required under AHERA, suspect ACM is categorized as thermal system insulation (TSI), surfacing materials, or miscellaneous materials. AHERA requires that at least three samples of TSI materials (i.e. piping and boiler system insulation) must be collected and analyzed by Polarized Light Microscopy (PLM).

Surfacing materials (i.e. plaster, textured ceiling material, fireproofing, etc.) is sampled in accordance to the quantity of material present as measured by its square footage as defined below.

- If less than 1,000 square feet of material is present, a minimum of three bulk samples must be collected and analyzed by PLM;
- If between 1,000 and 5,000 square feet of material is present, a minimum of five bulk samples must be collected and analyzed by PLM; and

- If greater than 5,000 square feet of material is present, a minimum of seven samples must be space collected and analyzed by PLM.

Miscellaneous materials (i.e. floor tile, mastics, roofing materials, drywall, ceiling tile, etc.) as described under AHERA sampling requirements need to be sampled “in a matter sufficient to determine” its asbestos content using the professional judgment of the accredited asbestos building inspector.

During the building inspection activities, PM collected samples of suspect ACM throughout the subject building. PM entered all accessible areas and performed visual inspections for suspect materials. Sampling for ACM was conducted within homogenous areas (HA) which are defined as suspect ACM that appear to be similar based on color, texture, and date of application or installation.

ASBESTOS SURVEY RESULTS

PM collected a total of 18 bulk materials samples from 8 different HA. Photographs depicting HA are found in Appendix A. The samples were placed inside laboratory provided sealed bags and submitted under chain of custody to a third-party laboratory for analysis. Bulk samples were analyzed for asbestos content by EMC Labs, Inc., a National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory.

The samples were analyzed by PLM with dispersion staining by U.S. EPA Test Methods (EPA-600/M4-82-020) and the United States National Institute of Standards and Technology (NIST) Bulk Asbestos Handbook. A copy of the laboratory datasheets and chain of custody documentation are in Appendix B.

A summary of the survey results is provided below. No ACM were identified.

Table No. 1: Summary of Asbestos Bulk Sample Results

HA No.	Material Type	Location	Condition	Friable (Yes/No)	Estimated Quantity	Asbestos Content (%)
Convenience Store Building						
HA1	Drywall and Joint Compound	Sales Floor and Restroom	Good	No	1,700 SF	None Detected
HA2	Tan Cove Base and Adhesive	Throughout Sales Floor	Damaged	No	20 LF	None Detected
HA3	2' X 2' Suspended Ceiling Tile – Pin Holes	Sales Floor	Good	No	800 SF	None Detected
HA4	Black Cove Base and Adhesive	Restroom only	Good	No	20 LF	None Detected

**Pre-Demolition Asbestos Containing Materials Survey
For the Gasoline Dispensing Station and Canopy
Located at 975 South Rochester Road, Rochester Hills, Michigan
PM Project No. 01-11390-0-0004; June 9, 2021**

HA No.	Material Type	Location	Condition	Friable (Yes/No)	Estimated Quantity	Asbestos Content (%)
Convenience Store Building						
HA5	Unfinished Drywall	Back Storage	Good	No	600 SF	None Detected
HA6	Exterior Window and Door Caulking	5 Exterior Windows and 2 Doors	Damaged	No	130 LF	None Detected
HA7	Cement-like Siding	Exterior	Good	No	1,000 SF	None Detected
HA8	Roofing Shingles and Underlayment	5 Exterior Windows and 2 Doors	Good	No	2,400 SF	None Detected
Canopy – No Suspect ACM						

SF – Square Feet LF – Linear Feet

CONCLUSIONS AND RECOMMENDATIONS:

PM has completed a Pre-Demolition ACM Survey of the Gasoline Dispensing Station and Canopy located at 975 South Rochester Road, Rochester Hills, Michigan. The conclusions and recommendations are based on the results of the building inspection, material sampling, and laboratory analyses. PM has identified the following conclusions and recommendations:

- The results of the asbestos survey indicate no ACM was identified at the subject property.

PM notes that if additional suspect materials are identified during demolition, that these materials should be sampled to determine their characteristics (i.e. whether they must be treated as ACM or not) or assumed to be ACM and handled accordingly prior to their removal and disposal.

This report has been reviewed for its completeness and accuracy. Please feel free to contact our office at (800) 313-2966 to discuss this report.

REPORT PREPARED BY:
PM Environmental, Inc.



Dale Vincent Fountain
Industrial Hygienist
State of Michigan Asbestos
Inspector Accreditation No. A55377

REPORT REVIEWED BY:
PM Environmental, Inc.



Jon M. Balsamo
National Manager

APPENDICES

Appendix A: Photographic Log from Site Inspection

Appendix B: Laboratory Analytical Data and Chain of Custody Documentation

Appendix A





Photographs From Site Inspection
Taken by Mr. Vincent Fountain on May 21, 2021
PM Project No. 01-11390-0-0004
Location: 975 South Rochester, Rochester Hills, Michigan

Photograph 1



View of Subject Property

Photograph 2



View of Drywall and Joint Compound
(HA1)



Photographs From Site Inspection
Taken by Mr. Vincent Fountain on May 21, 2021
PM Project No. 01-11390-0-0004
Location: 975 South Rochester, Rochester Hills, Michigan

Photograph 3



View of Tan Cove Base and Adhesive
(HA2)

Photograph 4



View of 2' X 2' Suspended Ceiling Tile – Pin
Holes
(HA3)



Photographs From Site Inspection
Taken by Mr. Vincent Fountain on May 21, 2021
PM Project No. 01-11390-0-0004
Location: 975 South Rochester, Rochester Hills, Michigan

Photograph 5



View of Black Cove Base and Adhesive
(HA4)

Photograph 6



View of View of Unfinished Drywall
(HA5)



Photographs From Site Inspection
Taken by Mr. Vincent Fountain on May 21, 2021
PM Project No. 01-11390-0-0004
Location: 975 South Rochester, Rochester Hills, Michigan

Photograph 7



View of Exterior Door and Window Caulking
(HA6)

Photograph 8



View of Exterior Cement-like Siding
(HA7)



Photographs From Site Inspection
Taken by Mr. Vincent Fountain on May 21, 2021
PM Project No. 01-11390-0-0004
Location: 975 South Rochester, Rochester Hills, Michigan

Photograph 9



View of Roofing Shingles and Underlayment
(HA8)

Appendix B



EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0254440

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	PM ENVIRONMENTAL	Job# / P.O. #:	01-11390-0	-0004
Address:	3340 RANGER ROAD	Date Received:	05/25/2021	
	LANSING MI 48906	Date Analyzed:	06/02/2021	
Collected:	05/21/2021	Date Reported:	06/02/2021	
Project Name:	EXXON GAS STATION	EPA Method:	EPA 600/R-93/116	
Address:	975 S. ROCHESTER RD	Submitted By:	VINCE FOUNTAIN	
		Collected By:		

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0254440-001 HA1-1	MAIN SALES FLOOR	LAYER 1 Drywall, Off White/ Brown	No	None Detected	Cellulose Fiber Fibrous Glass Gypsum Carbonates Quartz Mica	10% 2% 88%
		LAYER 2 Joint Compound, White/ Off White	No	None Detected	Carbonates Gypsum Mica Quartz Perlite Binder/Filler	 100%
0254440-002 HA1-2	MAIN SALES FLOOR	LAYER 1 Drywall, Off White/ Brown	No	None Detected	Cellulose Fiber Fibrous Glass Gypsum Carbonates Quartz Mica	10% 2% 88%
		LAYER 2 Joint Compound, White/ Off White	No	None Detected	Carbonates Gypsum Mica Quartz Perlite Binder/Filler	 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
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Laboratory Report
0254440

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	PM ENVIRONMENTAL	Job# / P.O. #:	01-11390-0	-0004
Address:	3340 RANGER ROAD	Date Received:	05/25/2021	
	LANSING MI 48906	Date Analyzed:	06/02/2021	
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Project Name:	EXXON GAS STATION	EPA Method:	EPA 600/R-93/116	
Address:	975 S. ROCHESTER RD	Submitted By:	VINCE FOUNTAIN	
		Collected By:		

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0254440-003 HA1-3	MAIN SALES FLOOR LAYER 1	Drywall, Off White/ Brown	No	None Detected	Cellulose Fiber Fibrous Glass Gypsum Carbonates Quartz Mica	10% 2% 88%
	LAYER 2	Joint Compound, White/ Off White	No	None Detected	Carbonates Gypsum Mica Quartz Perlite Binder/Filler	 100%
0254440-004 HA2-1	LAYER 1	Cove Base, Tan	No	None Detected	Carbonates Quartz Binder/Filler	 100%
	LAYER 2	Adhesive, White/ Yellow	No	None Detected	Carbonates Quartz Binder/Filler	 100%
0254440-005 HA2-2	LAYER 1	Cove Base, Tan	No	None Detected	Carbonates Quartz Binder/Filler	 100%
	LAYER 2	Adhesive, White/ Yellow	No	None Detected	Carbonates Quartz Binder/Filler	 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0254440

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	PM ENVIRONMENTAL	Job# / P.O. #:	01-11390-0	-0004
Address:	3340 RANGER ROAD	Date Received:	05/25/2021	
	LANSING MI 48906	Date Analyzed:	06/02/2021	
Collected:	05/21/2021	Date Reported:	06/02/2021	
Project Name:	EXXON GAS STATION	EPA Method:	EPA 600/R-93/116	
Address:	975 S. ROCHESTER RD	Submitted By:	VINCE FOUNTAIN	
		Collected By:		

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0254440-006 HA3-1		2x2 Ceiling Tile, Beige/ Off White	No	None Detected	Cellulose Fiber Mineral Wool Carbonates Gypsum Quartz Perlite Binder/Filler	60% 20% 20%
0254440-007 HA3-2		2x2 Ceiling Tile, Beige/ Off White	No	None Detected	Cellulose Fiber Mineral Wool Carbonates Gypsum Quartz Perlite Binder/Filler	60% 20% 20%
0254440-008 HA4-1	STORAGE	Drywall, Off White/ Brown	No	None Detected	Cellulose Fiber Gypsum Carbonates Quartz Mica	12% 88%
0254440-009 HA4-2	STORAGE	Drywall, Off White/ Brown	No	None Detected	Cellulose Fiber Gypsum Carbonates Quartz Mica	12% 88%
0254440-010 HA4-3	STORAGE	Drywall, Off White/ Brown	No	None Detected	Cellulose Fiber Gypsum Carbonates Quartz Mica	12% 88%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0254440

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	PM ENVIRONMENTAL	Job# / P.O. #:	01-11390-0	-0004
Address:	3340 RANGER ROAD	Date Received:	05/25/2021	
	LANSING MI 48906	Date Analyzed:	06/02/2021	
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Project Name:	EXXON GAS STATION	EPA Method:	EPA 600/R-93/116	
Address:	975 S. ROCHESTER RD	Submitted By:	VINCE FOUNTAIN	
		Collected By:		

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0254440-011 HA5-1		LAYER 1 Cove Base, Black	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Adhesive, Yellow	No	None Detected	Cellulose Fiber Carbonates Gypsum Quartz Binder/Filler 99%
0254440-012 HA5-2		LAYER 1 Cove Base, Black	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Adhesive, Yellow	No	None Detected	Cellulose Fiber Carbonates Gypsum Quartz Binder/Filler 99%
0254440-013 HA6-1		Window Caulk, Gray	No	None Detected	Carbonates Quartz Binder/Filler 100%
0254440-014 HA6-2		Window Caulk, Gray	No	None Detected	Carbonates Quartz Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0254440

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	PM ENVIRONMENTAL	Job# / P.O. #:	01-11390-0	-0004
Address:	3340 RANGER ROAD	Date Received:	05/25/2021	
	LANSING MI 48906	Date Analyzed:	06/02/2021	
Collected:	05/21/2021	Date Reported:	06/02/2021	
Project Name:	EXXON GAS STATION	EPA Method:	EPA 600/R-93/116	
Address:	975 S. ROCHESTER RD	Submitted By:	VINCE FOUNTAIN	
		Collected By:		

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0254440-015 HA7-1		LAYER 1 Cement Siding, Gray	No	None Detected	Quartz Carbonates Gypsum Mica Binder/Filler 100%
		LAYER 2 Underlayment, Beige/ Tan	No	None Detected	Cellulose Fiber 15% Quartz Gypsum Carbonates Mica Binder/Filler 85%
0254440-016 HA7-2		LAYER 1 Cement Siding, Gray	No	None Detected	Quartz Carbonates Gypsum Mica Binder/Filler 100%
		LAYER 2 Underlayment, Beige/ Tan	No	None Detected	Cellulose Fiber 15% Quartz Gypsum Carbonates Mica Binder/Filler 85%
0254440-017 HA8-1		LAYER 1 Shingle, Black/ Gray	No	None Detected	Fibrous Glass 20% Carbonates Quartz Binder/Filler 80%
		LAYER 2 Underlayment, Black	No	None Detected	Cellulose Fiber 60% Carbonates Gypsum Binder/Filler 40%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0254440

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

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	LANSING MI 48906	Date Analyzed:	06/02/2021	
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Project Name:	EXXON GAS STATION	EPA Method:	EPA 600/R-93/116	
Address:	975 S. ROCHESTER RD	Submitted By:	VINCE FOUNTAIN	
		Collected By:		

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0254440-018 HA8-2		LAYER 1 Shingle, Black/ Gray	No	None Detected	Fibrous Glass 20% Carbonates Quartz Binder/Filler 80%
		LAYER 2 Underlayment, Black	No	None Detected	Cellulose Fiber 60% Carbonates Gypsum Binder/Filler 40%



Analyst - Dustin White



Signatory - Lab Director - Kurt Kettler

Distinctly stratified, easily separable layers of samples are analyzed as subsamples of the whole and are reported separately for each discernible layer. All analyses are derived from calibrated visual estimate and measured in area percent unless otherwise noted. The report applies to the standards or procedures identified and to the sample(s) tested. The test results are not necessarily indicated or representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products, nor do they represent an ongoing quality assurance program unless so noted. These reports are for the exclusive use of the addressed client and that they will not be reproduced wholly or in part for advertising or other purposes over our signature or in connection with our name without special written permission. The report shall not be reproduced except in full, without written approval by our laboratory. The samples not destroyed in testing are retained a maximum of thirty days. The laboratory measurement of uncertainty for the test method is approximately less than 1 by area percent. Accredited by the National Institute of Standards and Technology, Voluntary Laboratory Accreditation Program for selected test method for asbestos. The accreditation or any reports generated by this laboratory in no way constitutes or implies product certification, approval, or endorsement by the National Institute of Standards and Technology. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Polarized Light Microscopy may not be consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials.

CHAIN OF CUSTODY

EMC Labs, Inc.
9830 S. 51st St., Ste B-109
Phoenix, AZ 85044
(800) 362-3373 Fax (480) 893-1726

LAB#: 254440
TAT: 5 Days
Rec'd: MAY 25 PM

COMPANY NAME: PM ENVIRONMENTAL
3340 Ranger Road
Lansing, MI 48906
CONTACT: Vincent Fountain
Phone/Fax: (517) 485-3333 / (517) 323-7228
Email: IHS@pmenv.com

BILL TO: _____ (If Different Location)
SAME _____

COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)

1. TURNAROUND TIME: [Same Day RUSH] [1-Day] [2-Day] [3-Day] [5-Day] [6-10 Day]
2. TYPE OF ANALYSIS: [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]
3. DISPOSAL INSTRUCTIONS: [Dispose of samples at EMC] / [Return samples to me at my expense]
(If you do not indicate preference, EMC will dispose of samples 30 days from analysis.)

4. Project Name: Exon Gas Station - 975 S. Rochester RD - Rochester Hills MI
P.O. Number: 064390-00004 Project Number: 06-11390-0-0004

EMC SAMPLE #	CLIENT SAMPLE #	DATE SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No
1	HA 1-1	5/21/2011	Unfinished Drywall / Joint compound / <u>main sales floor</u>	Y N
2	1-2		" "	Y N
3	1-3		" "	Y N
4	HA 2-1		<u>Tan Cove Base + Adhesive</u>	Y N
5	2-2		" "	Y N
6	HA 3-1		<u>2'x2' Suspended ceiling Tile - punch holes</u>	Y N
7	3-2			Y N
8	HA 4-1		<u>Unfinished Drywall / Storage</u>	Y N
9	4-2		" "	Y N
10	4-3		" "	Y N
11	5-1		<u>Black Cove Base + Adhesive</u>	Y N
12	5-2			Y N
13	6-1		<u>Exterior window casings</u>	Y N
14	6-2			Y N
15	7-1		<u>Cement like Siding + Underlayment</u>	Y N
16	7-2			Y N
17	8-1		<u>Roofing Shingles + underlayment</u>	Y N
	8-2			Y N

INSTRUCTIONS: Stop at First Positive - continue on negatives

Director: (Print) Vincent Fountain (Signature) [Signature]
 Date/Time: 5/24/21 9:30am Received by: Diana Federico Date/Time: 5/25/21 1:35pm
Vincent Fountain Date/Time: 5/25/21 2:25pm Received by: [Signature] Date/Time: 5/27/21 2:40pm
Diana Federico

In the event of a dispute between the above parties for these services or otherwise, parties agree that jurisdiction and venue will be in Phoenix, Arizona. The undersigned party will be entitled to attorney's fees and court costs.

Appendix G

UST Closure

Department of Licensing and Regulatory Affairs, Bureau of Fire Services, Storage Tank Division

P.O. Box 30033, Lansing, MI 48909

Phone 517-241-8847, Email LARA-UST-AST@michigan.gov

UNDERGROUND STORAGE TANK SYSTEM SITE ASSESSMENT REPORT AND CLOSURE OR CHANGE-IN-SERVICE REGISTRATION FORM

This information is required under Part 211, Underground Storage Tank Regulations, of the Natural Resources and Environmental Protection Act, Act 451 of the Public Acts of 1994, as amended (Act 451) being Sections 324.21101 to 324.21113 of the Michigan Compiled Laws Annotated. Any owner who knowingly fails to notify or submits false information shall be subject to a misdemeanor and/or civil penalties not to exceed \$5000 per violation.

INSTRUCTIONS: For permanent closure and change-in-service, complete all the information on this form and submit with the site assessment analytical results, chain-of-custody which indicates temperature and method of preservation, and site sketch which indicates the location and depths of tanks, piping, and samples. This form must be received within 45 days of the samples being taken. The owner is required to keep a copy of the site assessment report for a minimum of three years. See page 2 of this form for additional information.				FACILITY ID NUMBER 00009055	
I. OWNERSHIP OF TANKS			II. LOCATION OF TANKS		
NAME OF OWNER (CORPORATION, INDIVIDUAL, ETC.) Rochester Avon Partners, LLC			FACILITY NAME OR COMPANY SITE IDENTIFIER Express 100, Inc.		
STREET ADDRESS 251 East Merrill Street			STREET ADDRESS (P.O. BOX NOT ACCEPTABLE) 975 South Rochester Road		
CITY Birmingham	STATE MI	ZIP CODE 48009	CITY Rochester Hills	STATE MI	ZIP CODE 48307
CONTACT PERSON Doraid Markus	EMAIL dmarkus@markusllc.com	AREA CODE & TELEPHONE 248-892-1222	CONTACT PERSON FOR LOCATION Doraid Markus	EMAIL & TELEPHONE with AREA CODE dmarkus@markusllc.com ; 248-892-1222	
III. TANK INFORMATION					
TANK NUMBER	UTK-138961-15	UTK-085883-15	UTK-085876-15	UTK-031219-15	
TANK SIZE	8,000	10,000	6,000	10,000	
SUBSTANCE STORED	Diesel, Gasoline	Gasoline	Gasoline	Gasoline	
DATE LAST USED	01/01/2022	01/01/2022	06/06/2008	04/15/1996	
DATE CLOSED	03/28/2022	03/28/2022	04/04/2022	04/04/2022	
REMOVED FROM GROUND	03/28/2022	03/28/2022	04/04/2022	04/04/2022	
CLOSED IN PLACE (INDICATE TYPE OF FILL)					
CHANGE-IN-SERVICE					
OWNER'S NAME <i>DORAID MARKUS</i>	OWNER'S SIGNATURE <i>Doraid Markus</i>		DATE <i>4-20-22</i>		
IV. SUBMITTER INFORMATION					
SUBMITTED BY (COMPANY NAME & ADDRESS) PM Environmental, Inc.; 4080 West 11 Mile Road, Berkley, MI 48072			NAME (INDIVIDUAL) & EMAIL Kayla Snellenberger; Snellenberger@pmenv.com		
SIGNATURE <i>Kayla Snellenberger</i>	DATE 4/20/2022		AREA CODE & TELEPHONE NUMBER 248-414-1439		

DO NOT WRITE BELOW THIS LINE (FOR BFS OFFICE USE ONLY)

SITE ASSESSMENT REVIEW REPORT

The Storage Tank Division staff has reviewed your site assessment and the following determination has been made:

- The contamination concentration is below the threshold detection levels, and there is no evidence of a confirmed release.
- The test methodology or level of detection is faulty. The data submitted is not considered valid. Please perform another site assessment and forward a copy of the results to this office within 45 days.
- The number of sampling points analyzed are considered inadequate to make a determination of the cleanliness of the site. Please perform another site assessment and forward a copy of the results to this office within 45 days.
- The contaminant concentrations are greater than the threshold detection levels and there is evidence of a confirmed release. A confirmed release report is being generated. Follow reporting requirements in accordance with 451 PA 1994, Part 213, as amended.
- The soils excavated and removed from the site were greater than allowable volumes. A confirmed release was not reported to this office within 24 hours per the Michigan Underground Storage Tank Rules (MUSTR) prior to excavation of contaminated soil. A confirmed release report is being generated. Follow reporting requirements in accordance with Part 213 of Act 451.

SIGNATURE OF REVIEWER	DATE OF REVIEW
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MAIL TO: Department of Licensing and Regulatory Affairs, BFS, Storage Tank Division, P.O. Box 30033, Lansing, MI 48909

OVERNIGHT MAIL TO: Department of Licensing and Regulatory Affairs, BFS, Storage Tank Division, 3101 Technology Blvd, Suite H, Lansing, MI 48910