



TIER 1 DELINEATION NOTIFICATION FORM

Due within ninety days of the occurrence of any of the following:

- Receiving analytical results, which exceed action levels, pursuant to paragraph (F)(3)(c) of OAC 1301:7-9-13;
- Electing to conduct corrective actions pursuant to paragraph (B)(2) of OAC 1301:7-9-13;
- Electing to conduct a Tier 1 Source Investigation pursuant to (F)(3)(b)(i) of OAC 1301:7-9-13;
- Receiving analytical results, which exceed action levels, from a closure assessment conducted pursuant to paragraph (F) of OAC 1301:7-9-12; or
- Conducting corrective action activities pursuant to paragraph (B)(3) and (B)(4) of OAC 1301:7-9-13.

OWNER/OPERATOR AND FACILITY DATA

FACILITY INFORMATION:

COMPANY: _____
 ADDRESS: _____
 CITY: _____
 COUNTY: _____
 ZIP CODE: _____
 LAT/LONG: _____
 FACILITY ID #: _____

UST OWNER INFORMATION:

COMPANY: _____
 ADDRESS: _____
 CITY, STATE: _____
 ZIP CODE: _____
 CONTACT PERSON: _____
 PHONE: _____

UST OPERATOR INFORMATION:

COMPANY: _____
 ADDRESS: _____
 CITY, STATE: _____
 ZIP: _____
 CONTACT PERSON: _____
 PHONE: _____

PROPERTY OWNER INFORMATION:

COMPANY: _____
 ADDRESS: _____
 CITY, STATE: _____
 ZIP: _____
 CONTACT PERSON: _____
 PHONE: _____

UNDERGROUND STORAGE TANK (UST) SYSTEM DATA

Tank #	Date Installed	Capacity	Const. Material	Tank Status	Date Removed

*STATUS= OOS<90 – Out of Service < 90 days OOS>90 – Out of Service > 90 days RE - Replace R - Removed
 CIU - Currently In Use NA - Not Applicable CIS - Change in Service CIP - Closed in Place*

SB/MW#								
Depth	PID/FID Result	PID/FID Result	PID/FID Result	PID/FID Result	PID/FID Result	PID/FID Result	PID/FID Result	PID/FID Result
0-2'								
2-4'								
4-6'								
6-8'								
8-10'								
10-12'								
12-14'								
14-16'								
16-18'								
18-20'								
20-22'								
22-24'								
24-26'								
26-28'								
28-30'								
30-32'								
32-34'								
34-36'								
36-38'								
38-40'								
40-42'								
42-44'								
44-46'								
46-48'								
48-50'								
GW Depth								

The soil samples that were submitted for analysis should be in **BOLD** or marked with *

SITE MAXIMUM CONCENTRATIONS

	SOIL				GROUND WATER		
	SB	Depth	Conc. mg/kg	Action Level	MW	Conc. mg/L	Action Level
BENZENE							
TOLUENE							
ETHYLBENZENE							
TOTAL XYLENES							
MTBE							
BENZO (a) ANTHRACENE							
BENZO (a) PYRENE							
BENZO (b) FLUORANTHENE							
BENZO (k) FLUORANTHENE							
CHRYSENE							
DIBENZ (a,h) ANTHRACENE							
INDENO (1,2,3-cd) PYRENE							
NAPHTHALENE							
TPH (C6-C12)					N/A	N/A	N/A
TPH (C10-C20)					N/A	N/A	N/A
TPH (C20-C34)					N/A	N/A	N/A
OTHER:							

MISCELLANEOUS DATA

THE FOLLOWING ITEMS MUST BE ATTACHED:

ADDITIONAL INFORMATION WHICH IS REQUIRED BY OAC 1301:7-9-13 OR ADDITIONAL INFORMATION WHICH CLARIFIES THE INVESTIGATION ACTIVITIES SHALL BE SUBMITTED AS APPENDICIES TO THIS REPORT.

TABLES:

TABLE 1 - SOIL CONCENTRATIONS COMPARED TO ACTION LEVELS FOR EACH PATHWAY

TABLE 2 - GROUND WATER CONCENTRATIONS COMPARED TO ACTION LEVELS FOR EACH PATHWAY

FIGURES:

FIGURE 1 - TOPOGRAPHIC MAP

FIGURE 2 - SITE MAP

FIGURE 3 – SITE MAP WITH SOIL BORING LOCATIONS, SOIL CONCENTRATIONS AND SAMPLE DEPTH

FIGURE 4 - SITE MAP WITH MONITORING WELLS AND GROUND WATER CONCENTRATIONS

FIGURE 5 - GROUND WATER CONTOUR MAP

APPENDIX:

APPENDIX A – SOIL BORING LOGS

APPENDIX B – MONITORING WELL CONSTRUCTION DIAGRAMS

APPENDIX C – MONITORING WELL DEVELOPMENT & SAMPLING FORMS

APPENDIX D – SOIL CLASSIFICATION FORM

APPENDIX E – LABORATORY ANALYTICAL REPORT

APPENDIX F – CHAIN OF CUSTODY

The Tier 1 Delineation Notification Form **must** be signed by the UST owner/operator. The owner/operator is responsible for ensuring all data is accurate, and the form is legible and complete. This notification is documentation that the O/O is electing to proceed to Delineation pursuant to OAC 1301:7-9-13(I).

OWNER / OPERATOR SIGNATURE: _____

PRINT NAME: _____ **DATE:** _____

FORM PREPARED BY:

NAME: _____

COMPANY: _____

ADDRESS: _____

PHONE #: _____

EMAIL: _____

CHEMICALS OF CONCERN AND RECOMMENDED LABORATORY METHODS

Analytical Group 1 - light distillate products - including unleaded gasoline, leaded gasoline and aviation gasoline;

Analytical Group 2 - middle distillate products - including diesel, light fuel oils, stoddard solvents, mineral spirits, kerosene, and jet fuels;

Analytical Group 3 - heavy petroleum distillate products - including, but not limited to, lubricating and hydraulic oils;

Analytical Group 4 - used oil

Analytical Group 5 - unknown petroleum products or petroleum products other than those listed in analytical groups 1, 2, 3 and 4. Additional chemical(s) of concern and analytical methods must be selected, as appropriate, based on reasonably available information related to the product stored, including additives, impurities and degradation products. In addition, chemical(s) of concern should be selected based on their toxicity, mobility, and persistence in the environment. The owners and operators shall consult with the fire marshal for the appropriate chemical(s) of concern for products not in analytical group 1, 2, 3 and 4.

Analytical Group Number		1	2	3	4	5	Analytical Methods
		Light Distillates	Middle Distillates	Heavy Distillates	Used Oil	Unknowns & Others	
Chemical							
Aromatics	Benzene	x	x		x		8021/8260
	Toluene	x	x		x		
	Ethylbenzene	x	x		x		
	o, m and p-Xylenes	x	x		x		
Additives	Methyl tertiary-butyl ether (MTBE)	x			x		
Polynuclear Aromatics	Benzo(a)anthracene		x	x	x		8270/8310
	Benzo(a)pyrene		x	x	x		
	Benzo(b)fluoranthene		x	x	x		
	Benzo(k)fluoranthene		x	x	x		
	Chrysene		x	x	x		
	Dibenz(a,h)anthracene		x	x	x		
	Indeno(1,2,3-c,d)pyrene		x	x	x		
Naphthalene		x	x	x			
Chlorinated Hydrocarbons	Volatile Organic Hydrocarbons				x		8260
Total Petroleum Hydrocarbons *1	TPH (C6 – C12)	x			x		8015
	TPH (C10 – C20)		x		x		
	TPH (C20 – C34)			x	x		
	Varies based on UST contents			x	x	*2	

*1 TPH analysis is not required for ground water samples.

*2 Additional chemical(s) of concern and analytical methods must be selected, as appropriate, based on reasonably available information related to the product stored, including additives, impurities and degradation products. In addition, chemical(s) of concern should be selected based on their toxicity, mobility, and persistence in the environment. The owners and operators shall consult with the fire marshal for the appropriate chemical(s) of concern for products not in analytical group 1, 2, 3 and 4.