

DEP BWSC PRA LEVEL 1 AUDIT FORM

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II. TECHNICAL ADEQUACY	Citation(s)	Yes	No	?	NA	Page #
A. Release or Threat of Release Conditions – Indication That:						
1. Notification conditions have been properly identified	40.0332	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. The appropriate media and receptors have been identified	40.0403	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Notification was made on or before the required notification time/date (2-hr/72-hr/120 day)	40.0404(1), 40.0300 – 40.0336	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B. Description of Response Actions – Indication That:						
1. Response actions have been described fully	40.0400	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Special conditions, and/or Interim deadlines have been met	40.0404(1), 40.0420(2), 40.0443(6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Response actions taken were approved (if necessary)	40.0404(1), 40.0420(2), 40.0443(6), 40.0463(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Response actions proposed or taken demonstrate the level of diligence necessary, consider relevant policies, methods or practices, or have been technically justified	40.0191, 40.0193	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. Analytical or environmental monitoring data is scientifically valid and defensible, and of a level of precision and accuracy commensurate with its stated or intended use	40.0017	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
C. Remediation Waste – Indication That:						
1. Remediation waste has been managed appropriately	40.0030	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Bill of Lading/Manifest is correct/complete	40.0034	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
III. Preliminary Response Action Type						
A. Immediate Response Actions (required for 2/72-hr release) – Indication That:						
1. Deadlines have been met (Plan within 60 days, Status Report within 120 days and every 6 months from approval or receipt of Plan, Completion Report within 60 days following completion of IRA activities)	40.0404(2), 40.0420(7), 40.0425(1)(2), 40.0427(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. The IRA Plan/Status Report/Completion Report is adequate/complete	40.0424, 40.0425, 40.0427	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Release/threat of release has been adequately assessed or additional assessment is planned	40.0405, 40.0414(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. An Imminent Hazard condition has been assessed	40.0426	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. A condition of Substantial Release Migration likely exists and has been assessed or doesn't exist	40.0006, 40.0313(5), 40.0412(3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. Critical Exposure Pathway has been eliminated and/or mitigated or doesn't exist	40.0006, 40.0414(3)&(4), 40.0427(1)(c)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7. Ph III completed when cap/engineered barrier was proposed or constructed as part of a Permanent Solution	40.0414(7)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8. Excavation and stockpiling of <100 cyds (cum.) UST-related oil- or waste oil-contaminated soil before notif.	40.0421(3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B. Release Abatement Measures – Indication That:						
1. Submittal deadlines have been met (Plan within 60 days, Status Report within 120 days and every 6 months from approval or receipt of Plan, Completion Report within 60 days following completion of RAM activities)	40.0404(2) 40.0443(1)&(5), 40.0445(1), 40.0446(1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. The RAM Plan/Status Report/Completion Report is adequate/complete	40.0444, 40.0445, 40.0446	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. An IRA condition does not exist	40.0441(3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Off-site disposal of up to 500 cubic yards (cumulative) of OHM-contaminated soil	40.0442(2)(a)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. On or off-site treatment, recycling, or reuse of up to 1500 cubic yards (cumulative) of OHM-contaminated soil	40.0442(2)(b)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. Excavation of >1500 cyds (cum.) OHM-contaminated soil with certification of sufficient financial resources	40.0442(4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7. Ph III completed when cap/engineered barrier was proposed or constructed as part of a Permanent Solution	40.0442(3), 40.0996(4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
C. Utility-related Abatement Measures – Indication That:						
1. During emergency repair, notification provided within 72-hours of conducting URAM	40.0462(3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Submittal deadlines have been met (Letter of Intent within 7 days, Status Report within 120 days and every 6 months from notification, Completion Report within 60 days following completion of URAM activities)	40.0404(2), 40.0462, 40.0465(1), 40.0466(1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. A 2-hour or 72-hour reporting condition does not likely exist	40.0461(3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Excavation of <100 cyds (cum) oil- or waste oil-contaminated soil (LSP not required)	40.0462(4)(a)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. Excavation of <20 cyds (cum.) haz. mat.-contaminated soil or mixed oil/haz mat soil (LSP not required)	40.0462(4)(b)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. Temporary relocation of soil is returned to site or otherwise managed within 14 days	40.0462(6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7. Reasonable attempt made to notify property owner, except during non-business-hour emergency repairs	40.462(7)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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D. Limited Removal Actions (120-day release only) – Indication That:		Yes	No	?	NA	Page #
1. A 2-hour or 72-hour reporting condition likely does not exist	40.0318(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. The LRA has not been conducted at an existing disposal site (LRA's can not be conducted at a known site)	40.0318(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Excavation activities conducted within 120 days after obtaining knowledge of the release	40.0318(5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Confirmatory closure samples were taken	40.0318(7)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. Confirmatory samples do not exceed Reportable Concentrations (RCs) and notification was not necessary	40.0315	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. Excavation of <100 cyds (cum.) oil- or waste oil-contaminated soil	40.0318(4)(a)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7. Excavation of <20 cyds (cum.) haz. mat.-contaminated soil or mixed oil/haz mat soil	40.0318(4)(b)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
IV. Phase I – Initial Site Investigation – Information Regarding:						
A. General site information including:						
1. Address and Geographical Location (Street, Lat./Long. and UTM Coordinates)	40.0483(1)(a)(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Disposal Site Locus Map with 500 foot and ½ mile radii	40.0483(1)(a)(3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Estimated number of workers on-site	40.0483(1)(a)(4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Estimated residential population within ½ mile	40.0483(1)(a)(5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. General description of land uses surrounding the disposal site	40.0483(1)(a)(6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. Number of Institutions within 500 feet	40.0483(1)(a)(7)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7. Natural Resources within 500 feet (surface waters, wetlands, drinking water supplies, ACECs, etc.)	40.0483(1)(a)(8)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
B. Disposal Site Map, including:						
1. Disposal Site Boundaries	40.0483(1)(b)(1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Property boundaries located within the disposal site boundaries	40.0483(1)(b)(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. On-site buildings	40.0483(1)(b)(3)(a)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Floor and storm drains	40.0483(1)(b)(3)(b)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. Subsurface utilities	40.0483(1)(b)(3)(c)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. OHM storage and disposal structures	40.0483(1)(b)(3)(d)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7. Location of known OHM releases	40.0483(1)(b)(3)(e)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8. Monitoring wells, borings, test pits, and other relevant screening and/or sampling points	40.0483(1)(b)(3)(f)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
C. Disposal Site History, including:						
1. Owner/Operator and Operations History	40.0483(1)(c)(1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Release History (source and locations, cause, approx. date and duration, type of OHM, volume, etc.)	40.0483(1)(c)(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. OHM Use and Storage History (type, chemical name, uses, quantities, periods, storage locations)	40.0483(1)(c)(3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Waste Management History (land disposal, subsurface, surface water, WWTP, etc.)	40.0483(1)(c)(4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. Environmental Permits and Compliance History (21E, OHM, WW, GW, Air, RCRA, NPDES permits)	40.0483(1)(c)(5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. Potentially Responsible Parties (names and addresses of all PRPs)	40.0483(1)(c)(6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
D. Site Hydrogeological Characteristics, including:						
1. Concise description of all subsurface investigations and assessments to date	40.0483(1)(d)(1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Documentation of boring advancement, well construction and development, including drilling logs	40.0483(1)(d)(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Characterization of general site topography (slope, bedrock outcrops, surface drainage features)	40.0483(1)(d)(3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Characterization of geologic and stratigraphic conditions	40.0483(1)(d)(4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. Description and graphical depiction of groundwater flow direction including monitoring well locations	40.0483(1)(d)(5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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E. Nature and Extent of Contamination, including:		Yes	No	?	NA	Page #
1. Evidence of releases (visual, olfactory, field screening, lab analysis, historical knowledge)	40.0483(1)(e)(1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Names, concentrations, and volumes of released OHM	40.0483(1)(e)(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Laboratory data sheets	40.0483(1)(e)(3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Details on approximate horizontal and vertical extent	40.0483(1)(e)(4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. Details on presence and thickness of non-aqueous phase liquids	40.0483(1)(e)(5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
F. Migration Pathways and Exposure Potential, including						
1. Description and evaluation of known and potential migration by air, soil, groundwater, surface water	40.0483(1)(f)(1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Description of known and potential human exposure by inhalation, dermal contact, or ingestion of OHM	40.0483(1)(f)(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Description of known and potential impacts to environmental receptors, especially ACECs, etc.	40.0483(1)(f)(3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
G. Evaluation of the need for Immediate Response Actions	40.0483(1)(g)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
H. Conclusions – summary of findings and a statement of conclusions	40.0483(1)(h)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
I. Technical Justification for omission of any of the above categories	40.0483(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
V. Tier Classification – Numerical Ranking System:						
1. A Phase I Report (or equivalent) was prepared in support of the NRS	40.0510(1)(a)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Tier I Inclusionary Criteria (Zone II, IWPA, GW > RCGW-1) are not present at the site	40.0520(2)(a), 40.1504(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. The site is not Tier I as a result of an Imminent Hazard	40.0520(2)(a)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Modifications in Section VI resulted in a lower Tier Classification	40.1509(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. Modifications in Section VI were within the allowable ranges for each Subsection	40.1509(3),(4) &(5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. The site Classification was correct	40.0520(3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7. The site score was added correctly	40.1503(5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8. DEP review did not raise the original classification	40.1503(2), (3), 40.1509(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	