

4-3024519 Holbrook

3 Philipps Rd

SCANNED

I. SITE CONCERNS (Based upon conditions at time of CRA filing)				
A. Indoor Air (Based upon conditions at time of submittal)		Yes	No	? Pg#
1. <input type="checkbox"/> Applicable GW-2 standard exceeded @ residence/school with no soil gas/indoor air sampling			X	
2. <input type="checkbox"/> Site contaminants impacting indoor air			X	
B. Groundwater/Drinking Water (Based upon conditions at time of submittal)		Yes	No	? Pg#
1. <input type="checkbox"/> More than 0.5" NAPL observed in any monitoring well			X	
2. Site within potential drinking water source area (PDWSA)	X			
3. Site located within IWPA/mapped Zone II	X			
4. Private/Non-municipal public well(s) (TNC, NTNC) located within 500 feet of site			X	
5. Municipal well(s) located within 1000 feet of site			X	
6. <input type="checkbox"/> Private well contaminated as a result of site			X	
7. <input type="checkbox"/> Public water supply contaminated as a result of site			X	
C. Soil (Based upon conditions at time of submittal)		Yes	No	? Pg#
1. IH levels of Arsenic (40), Cadmium (60), Chromium (200), Cyanide (100), Mercury (300), Methyl Mercury (10), or PCBs (10) in surface soil (< 1 foot)			X	
D. Environmental Concerns		Yes	No	? Pg#
1. Site within 500 feet of surface water and/or wetlands	X			
2. Endangered species habitat, ACEC and/or certified vernal pool within 500 feet			X	
3. Confirmed contamination of surface water, sediments and/or wetlands with site contaminants			X	
E. Site & Area Use (Choose all that apply)		Yes	No	? Pg#
1. School/Institution/Playground			X	
2. Residential			X	
F. Released OHM (Primary Contaminant Type(s))		Yes	No	? Pg#
1. Petroleum Fuel Oils (#2, #4, #6, Jet fuel, kerosene, lube oil, MODF, etc.)	X			
2. Gasoline, waste oil			X	
3. Metals, coal tar, PCBs, pesticides/herbicides, asbestos, PAHs, cyanide	X			
4. Chlorinated solvents or other organic compounds	X			
G. Site Complexity (Check all that apply)		Yes	No	? Pg#
1. Co-mingled plumes (i.e., different sources from one or more sites co-mingled)			X	
2. Bedrock contamination			X	
If <input type="checkbox"/> conditions currently exist, see supervisor to discuss.				

Disclaimer: This checklist is for use by DEP in reviewing Comprehensive Response Action (CRA) Statements, and may not be relied upon for any other purpose. This checklist is not a comprehensive list of CRA requirements, which are fully set forth in MGL c. 21E and 310CMR 40.0000. Completion of this checklist by DEP does not constitute a final agency decision, and does not create any legal rights or relieve any party of obligations that exist pursuant to applicable laws.

II. PHASE II Comprehensive Site Assessment – Indication That:		Citation(s)	Yes	No	?	NA	Pg #
1. A Phase II SOW has been developed and submitted to the Department		40.0832(1)	X				
2. The Phase II Report was received within 2 years of Tier Classification or within 2 years of the effective date of the Tier 1 Permit		40.0550(2)(a), 40.0560(2)(a)		X			
3. The source, nature, extent, and potential impacts of the release(s) of oil and/or hazardous material have been identified		40.0833(1)(a)	X				
4. The need to conduct remedial actions at the disposal site have been identified		40.0833(1)(c)	X				
5. A Completion Statement (including an Opinion and certification) have been completed		40.0836(3)	X				
6. If appropriate, the disposal site has been re-scored using the Numerical Ranking System (NRS)		40.0840(2)				X	
7. Public Involvement Activities have been completed		40.0839, 40.1403(3)(a)(e)(f), 40.1406	X				
Risk Characterization							
8. Background has been identified or characterized		40.0904(2)(b), 40.1020	X				
9. The correct risk characterization method has been used		40.0941, 40.0942	X				
10. The appropriate soil/groundwater categories have been properly identified		40.093	X				
11. EPC calculations have been provided (spatial or temporal) and EPCs have been properly calculated		40.0926	X				
12. Hot Spot(s) addressed, identified (as Hot Spot) and have not added in to other EPCs		40.0924(2), 40.0926(3)	X				
13. Migration Pathways (air, groundwater, etc.) assessed and evaluated (All Methods, media dependent)		40.0904(2)(c), 40.1004(1)(a)	X				
14. Applicable soil and/or groundwater standards have not been exceeded (Method 1 or 2) or AUL applied		40.0974, 40.0975, 40.0988(2)	X				
15. All receptors have been accounted for (construction worker, trespassers, wetland, etc.) (Method 3)		40.0920–40.0922				X	
16. Proper Exposure Scenario assumptions (exposure period, etc.) (Method 3)		40.0923–40.0925				X	
17. All Exposure Pathways (dermal, inhalation, etc.) have been presented (Method 3)		40.0925				X	
18. Total site risk has been calculated (Method 3)		40.0992, 40.0993(7),(8), (9)				X	

III Phase III (RAP) Identification, Evaluation and Selection of Comprehensive Remedial Action Alternatives – Indication That:		Citation(s)	Yes	No	?	NA	Pg#
1. The evaluation of remedial technologies was documented in a Ph III Remedial Action Plan (RAP)	40.0861(1)	X					
2. The RAP was received w/in 2 years of Tier Class. or w/in 2 years of the effective date of the Tier 1 Permit.	40.0550(2)(a), 40.0560(2)(a)		X				
3. A description of all identified remedial action alternatives was included	40.0861(2)(a)	X					
4. The results of an initial screening of the remedial action alternatives was included	40.0856(1), 40.0861(2)(a)	X					
5. A detailed evaluation of the remedial technologies (except as provided in 40.0857(2)) was included (comparative effectiveness, short & long-term reliability, difficulty, costs, risks, benefits, and timeliness)	40.0857(1), 40.0861(2)(b), 40.0858(1-7)	X					
6. Justification for the selection of the proposed remedial action alternative	40.0861(2)(C), 40.0859(2), 40.0861(E)	X					
If a Permanent Solution was chosen:			Yes	No	?	NA	Pg#
7. Discussion of how the Permanent Solution is likely to achieve No Significant Risk	40.0861(2)(e)	X					
8. Evaluation of the feasibility of reaching/approaching background (unless RAA will result in A-1 RAO)	40.0861(2)(g)	X					
9. If RAA leaves OHM above UCLs at depths >15 ft or beneath an engineered barrier, an evaluation of the feasibility of reducing OHM below UCLs is included	40.0860(4)					X	
10. A projected schedule for the implementation of Phase IV activities was included	40.0861(1)		X				
11. A Completion Statement (including an Opinion and certification) have been completed	40.0862(3)(a)(b)	X					
12. Public Involvement Activities have been completed	40.1403(3)(e), 40.1406, 40.0859(2), 40.0861(2)(F)	X					
If a Temporary Solution was chosen:			Yes	No	?	NA	Pg#
13. Evaluation of the feasibility of implementing a Permanent Solution which is more cost-effective and timely	40.0860(2), 40.0861(2)(d)					X	
14. Discussion of how a Temporary Solution is likely to eliminate any Substantial Hazards is included	40.0861(2)(f)					X	
15. A detailed description of definitive and enterprising steps to identify and develop a likely Permanent Solution and a schedule of such steps have been completed	40.0859(2), 40.0861(2)(h)					X	
16. A projected schedule for the implementation of Phase IV activities was included	40.0861(1)					X	
17. A Completion Statement (including an Opinion and certification) have been completed	40.0862(3)(a)(b)					X	
18. Public Involvement Activities have been completed	40.1403(3)(e), 40.1406	X					