Monitored Natural Attenuation (MNA) Information Sheet

Site Name & Location:_____   RTN:_____

Inspector Name: _____   Date: _____

File Review

1. Primary disposal site OHM:

   ☐ Petroleum Hydrocarbons ☐ Solvents ☐ PCBs ☐ Metals ☐ Other:

2. Source of the release: ☐ UST   ☐ AST   ☐ Septic   ☐ Surface Spill   ☐ Dry Well

   ☐ Source Unknown   ☐ Other:

3. Environmental media impacted at the disposal site:

   ☐ Soil ☐ Groundwater ☐ Soil Gas ☐ Other:

4. Environmental media targeted for MNA:

   ☐ Soil ☐ Groundwater ☐ Soil Gas ☐ Other:

5. OHM targeted for MNA:

   ☐ Petroleum Hydrocarbons ☐ Solvents ☐ PCBs ☐ Metals ☐ Other:

6. Has the source of the primary contaminant(s) targeted for MNA been removed, capped, or otherwise controlled?

   ☐ Yes ☐ No ☐ Not Determined   Explain:

7. Other ongoing Remedial Action Alternatives:

   ☐ None ☐ Excavation ☐ P&T ☐ AS ☐ SVE ☐ Remedial Additives ☐ Other: LNAPL recovery

8. Indicate the lines of evidence used as the basis for selecting MNA as a Remedial Action Alternative:

   ☐ Analytical data demonstrates a clear and meaningful trend of decreasing contaminant mass and/or concentration over time at appropriate monitoring points.

   ☐ Hydrogeologic and geochemical data indirectly demonstrate that natural attenuation processes are active at the site, and the rate of the attenuation processes will achieve MCP endpoints (within 5 years).

   ☐ A site-specific study of microorganisms directly demonstrates the occurrence of natural attenuation.

   ☐ No line-of-evidence basis was presented in the information reviewed.

9. Identification of nearby receptors:

Receptor (e.g., residence, water supply well, etc.)	Location in relation to contaminants (e.g., on-site, 500 ft. downgradient, etc.)
_____	_____
_____	_____
_____	_____

10. Are sentinel monitoring points located between the contamination and nearby receptors?   ☐ Yes ☐ No

11. MNA monitoring points and monitoring frequency identified in OMM Plan: _____

_____

12. Analytical tests performed to evaluate progress of MNA:

☐ VPH ☐ EPH ☐ VOCs ☐ SVOCs ☐ CVOC ☐ PAHs ☐ PCBs ☐ Metals (Fe)

☐ pH ☐ DO ☐ Turb. ☐ ORP ☐ CH_4 ☐ Cond. ☐ NO_3 ☐ SO_4 ☐ Plate count

13. Monitoring data shows that the plume is: ☐ expanding ☐ shrinking ☐ static ☐ unclear

Primary contaminant concentrations are: ☐ increasing ☐ decreasing ☐ static ☐ unclear

Secondary contaminant concentrations are: ☐ increasing ☐ decreasing ☐ static ☐ unclear ☐ N/A

Comments: _____

_____

_____

_____

Field Inspection (indicate all that apply)

1. Are the MNA monitoring points present and in useable condition? ☐ Yes ☐ No

Comments: _____

2. Were the receptors observed at and in the vicinity of the site during the inspection consistent with those identified during the file review?

☐ Yes ☐ No Comment: _____

3. Have impermeable surfaces been added over or removed from over the plume area? ☐ Yes ☐ No

Comments: _____

_____

4. Other Comments:

Completed by: _____ Date: _____