

SECTION D: PROPERTY MAPS AND TABLE REQUIREMENTS

| Required Information or Component of NFA Letter | Provide response below. |
|---|---|
| <p>If a map or table is NOT provided, give the location within the NFA documentation where an explanation can be found.</p> | |
| <p>1. <u>OAC 3745-300-06(H)(3), OAC 3745-300-13(E)(2)</u> Property Maps - Phase I Property Assessment Note: Elements can be provided on one or multiple maps. Map sizes should be either 8 ½" x 11" or 8 ½" x 14"</p> | |
| <p>Map requirements:</p> <ul style="list-style-type: none"> - Depicts the property location on the most recent USGS 7.5 minute quadrangle map. - Indicates latitude and longitude of the property to the nearest second. - Identifies property boundaries as determined by a property survey conducted by a professional surveyor under Ohio Law to practice surveying. - Identifies surrounding significant features such as roads, rights of way, surface water bodies, and adjacent properties. - Identifies existing topography delineating streams, swamps, lakes, springs, and other surface waters, with a contour interval of no greater than five feet. - Identifies any improvements, including all roads, railroads and above and below ground structures and appurtenances. - Identifies the location and type of all known or suspected releases of hazardous substances or petroleum on the property including areas determined to be de minimis. - Identifies all sites within one half-mile surrounding the property from which hazardous substances or petroleum may have been released on, underlying or are emanating onto the property. | <p>Location of map(s): Document: Section: Page Number:</p> |
| <p>2. <u>OAC 3745-300-07(J)(13), OAC 3745-300-07(J)(14), OAC 3745-300-13(E)(2)</u> Property Maps - Phase II Property Assessment</p> | |
| <p>2.a. Map requirements:</p> <ul style="list-style-type: none"> - Indicates locations of the identified areas at the property, and the concentration and physical distribution of the chemical(s) of concern identified in environmental media on, underlying or emanating from the property. - Locations of all borings, monitoring wells, or other sampling locations. - Cross-section depicting the geology/hydrogeology beneath the property. - The location and identification of any engineering controls and/or risk mitigation measures and the portion of the property to which they apply. - The identification of any use restrictions on the property. - If applicable, an elevation survey as required by paragraph OAC 3745-300-11(D)(1)(d). | <p>Location of map(s): Document: Section: Page Number:</p> |
| <p>2.b. Any other maps</p> <p>Reference the location of any other maps.</p> | <p>Location of map(s): Document: Section: Page Number:</p> |
| <p>3. Tables Provide the location of the tables listed in 3.a through 3.j. Sample tables are attached to this Section. The table formats are optional, but must include all the elements identified in the sample tables. In addition, sample tables completed with information from theoretical sites are included in SECTION D - ATTACHMENT I of the Attachments.</p> | |

SECTION D: PROPERTY MAPS AND TABLE REQUIREMENTS

| Required Information or Component of NFA Letter | Provide response below. |
|---|--|
| <p>3.a. Table 1: Summary of Identified Areas from Phase I and Phase II Property Assessments</p> | <p><input type="checkbox"/> Attached to NFA Form, or Document: Section: Page Number:</p> |
| <p>3.b. Table 2: Summary of Laboratories and Analytical Methods Used</p> | <p><input type="checkbox"/> Attached to NFA Form, or Document: Section: Page Number:</p> |
| <p>Note: A listing of the VAP-certified laboratories can be found on the VAP web site (www.epa.state.oh.us/derr/vap/pro_lab/lab.html)</p> | |
| <p>3.c. Table 3: Summary of Exposure Pathways Prior to Applicable Standards Determination or Remedy</p> | <p><input type="checkbox"/> Attached to NFA Form, or Document: Section: Page Number:</p> |
| <p>3.d. Table 4: Summary of Soil Analytical Data and Representative Concentrations</p> | <p><input type="checkbox"/> Attached to NFA Form, or Document: Section: Page Number:</p> |
| <p>3.e. Table 5: Summary of Surface Water Analytical Data and Representative Concentrations</p> | <p><input type="checkbox"/> Attached to NFA Form, or Document: Section: Page Number:</p> |
| <p>3.f. Table 6: Summary of Sediment Analytical Data and Representative Concentrations</p> | <p><input type="checkbox"/> Attached to NFA Form, or Document: Section: Page Number:</p> |
| <p>3.g. Table 7: Summary of Ground Water Analytical Data and Representative Concentrations</p> | <p><input type="checkbox"/> Attached to NFA Form, or Document: Section: Page Number:</p> |
| <p>3.h. Table 8: Leach-Based Soil Values to Maintain Unrestricted Potable Use Standards</p> | <p><input type="checkbox"/> Attached to NFA Form, or Document: Section: Page Number:</p> |
| <p>3.i. Table 9: Model Input Parameters</p> | <p><input type="checkbox"/> Attached to NFA Form, or Document: Section: Page Number:</p> |
| <p>3.j. Table 10: Applicable Standards and Remedial Activities for Each Exposure Pathway</p> | <p><input type="checkbox"/> Attached to NFA Form, or Document: Section: Page Number:</p> |
| <p>END OF SECTION D</p> | |

SECTION D, TABLE 1

Summary of Identified Areas from Phase I and Phase II Property Assessments

Instructions: The identification of major classes or groups of COCs are required. Listing of individual constituents is generally optional. However, individual constituents should be listed when a limited list of COCs are known or suspected. It is not the intent of this table to present which COCs have been detected in each environmental media.

| Identified Area Number (or other designation) and Descriptive Name | Description of Releases, Sources and/or Source Areas | Potential and/or Suspected COCs from Phase I | Environmental Media Sampled | COCs Detected during Phase II | Was the identified area from the Phase I eliminated or otherwise redesignated during the Phase II? |
|--|--|--|-----------------------------------|----------------------------------|--|
| | | | | | <input type="checkbox"/> Yes If YES , provide an explanation: <input type="checkbox"/> No |
| | | | | | <input type="checkbox"/> Yes If YES , provide an explanation: <input type="checkbox"/> No |
| | | | | | <input type="checkbox"/> Yes If YES , provide an explanation: <input type="checkbox"/> No |
| | | | | | <input type="checkbox"/> Yes If YES , provide an explanation: <input type="checkbox"/> No |
| | | | | | <input type="checkbox"/> Yes If YES , provide an explanation: <input type="checkbox"/> No |

SECTION D, TABLE 3

Summary of Exposure Pathways Prior to Applicable Standards Determination or Remedy

Instructions: Indicate on the table which pathways require further evaluation prior to any remedy or applicable standards determination. Provide an explanation when eliminating a pathway from further evaluation. A pathway can be eliminated from further evaluation if the determination relies on easily obtainable information. **This table must be completed for each Identified Area.**

| Identified Area: | | | |
|---|-----------------------------|---|--|
| Potentially Affected Medium: Transport Mechanism | Location of COCs | Requires Further Evaluation? | Receptors for Pathways or Explanation for Eliminating Pathway From Further Evaluation |
| Soils: Direct Contact | | <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| | | <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| Soils: Vapor Intrusion to Indoor Air | | <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| | | <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| Soils: Leaching to Ground Water | | <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| | | <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| Soils: Ecological | | <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| | | <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| Ground Water: Potable | | <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| | | <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| Ground Water: Vapor Intrusion Indoor Air | | <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| | | <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| Ground Water: Non-potable | | <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| | | <input type="checkbox"/> Yes <input type="checkbox"/> No | |

SECTION D, TABLE 3

Summary of Exposure Pathways Prior to Applicable Standards Determination or Remedy

| Identified Area: | | | |
|---|-----------------------------|---|--|
| Potentially Affected Medium: Transport Mechanism | Location of COCs | Requires Further Evaluation? | Receptors for Pathways or Explanation for Eliminating Pathway From Further Evaluation |
| Ground Water: to Surface Water | | <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| | | <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| Surface Water: Potable | | <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| | | <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| Surface Water: Non-Potable Use | | <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| | | <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| Surface Water: Ecological | | <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| | | <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| Sediments: Direct Contact | | <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| | | <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| Sediments: Ecological | | <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| | | <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| Other Pathway | | <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| | | <input type="checkbox"/> Yes <input type="checkbox"/> No | |

SECTION D, TABLE 5

Summary of Surface Water Analytical Data and Representative Concentrations

Instructions: This table must, at a minimum, include (as appropriate): 1) all detected constituents, 2) constituents with elevated reporting limits, and 3) potential degradation byproducts of other detected constituents. Provide the reporting limit instead of listing only that the COC is not detected above reporting limits. The "representative concentration" column refers to the concentration of COCs determined in accordance with OAC 3745-300-07(F)(5)(a). Samples must be grouped by Identified Area (or water body, as appropriate).

| Identified Area or water body: | | | | | | | | | | | | | | |
|---------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|---|
| Sample Number: | | | | | | | | | | | | | | Representative Concentration (in ug/L) |
| Sample Date: | | | | | | | | | | | | | | |
| Metals (in ug/L) | | | | | | | | | | | | | | |
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SECTION D, TABLE 6
Summary of Sediment Analytical Data and Representative Concentrations

Instructions: This table must, at a minimum, include (as appropriate): 1) all detected constituents, 2) constituents with elevated reporting limits, and 3) potential degradation byproducts of other detected constituents. Provide the reporting limit instead of listing only that the COC is not detected above reporting limits. The "representative concentration" column refers to the concentration of COCs determined in accordance with OAC 3745-300-07(F)(5)(b). Samples must be grouped by Identified Area (or water body, as appropriate).

| Identified Area or water body: | | | | | | | | | |
|--------------------------------|--|--|--|--|---|--|--|--|---|
| Sample Number: | | | | | Representative Concentration (in mg/kg) | | | | Representative Concentration (in mg/kg) |
| Sample Date: | | | | | | | | | |
| SVOCs (in mg/kg) | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Metals (in mg/kg) | | | | | | | | | |
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SECTION D, TABLE 7

Summary of Ground Water Analytical Data and Representative Concentrations

Instructions: This table must, at a minimum, include (as appropriate): 1) all detected constituents; 2) constituents with elevated reporting limits; and 3) potential degradation byproducts of detected constituents. Provide the reporting limit instead of listing only that the COC is not detected above reporting limits. Also, provide the unrestricted potable use standard for each COC and use **bold font** to indicate data that exceed standards. If wells have been screened in separate ground water zones, the wells must be grouped by the ground water zone. The "representative concentration" row refers to the concentration of COCs determined in accordance with OAC 3745-300-07(F)(5)(d).

| Unrestricted Potable Use Standard: | | VOCs (in ug/L) | | | | SVOCs (in ug/L) | | | Metals (in ug/L) | | |
|---|-------------------------------------|-----------------------|--|--|--|------------------------|--|--|-------------------------|--|--|
| | | | | | | | | | | | |
| Well ID (ground water zone) | Sample Date | | | | | | | | | | |
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| | | | | | | | | | | | |
| | representative concentration | | | | | | | | | | |
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| | | | | | | | | | | | |
| | representative concentration | | | | | | | | | | |
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| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | representative concentration | | | | | | | | | | |

Instructions: This table must be completed for all COCs in soil where a leach-based soil value has been calculated

SECTION D, TABLE 8

Leach-Based Soil Values to Maintain Unrestricted Potable Use Standards

to demonstrate that the underlying ground water zone is protected from exceeding unrestricted potable use standards. Ohio EPA derived leach-based soil values are provided in "Ohio EPA Leach-based Soil Values Technical Guidance Document", February 2002 revision (Section G - Attachment I). Present COCs and representative concentrations that exceed leach-based soil values in **bold font**. The "Representative Soil Concentration" column refers to the concentration of COCs in soil determined in accordance with OAC 3745-300-07(F)(5)(c).

Depth to Ground Water:

Dilution Factor Applied to Property:

| Constituent | Representative Soil Concentration (mg/kg) | Leach-Based Soil Value (mg/kg) | Source of Leach-Based Soil Value | | Unrestricted Potable Use Standard (ug/L) |
|-------------|---|--------------------------------|----------------------------------|-------------------|--|
| | | | Ohio EPA Derived | Property-Specific | |
| | | | | | |
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Table 10

Applicable Standards and Remedial Activities for Each Exposure Pathway

Instructions: This table must be completed for each exposure pathway determined to be complete in accordance with OAC 3745-300-07. All pathways requiring further evaluation as identified in Section D, Table 3 must be included on this table. Present COCs and representative concentrations that exceed applicable standards in **bold font**.

| Identified Area(s) | Map Reference (reference to map where Identified Area is depicted) | COCs identified in the Area | Representative Concentration of COCs in Identified Area <u>prior</u> to remediation. | Applicable Standard (Industrial - Construction Worker) | Method Used for Deriving Applicable Standard | Potential or Reasonably Anticipated Receptors - Pathway | Method of Achieving Compliance with Applicable Standards |
|-----------------------------------|--|-----------------------------|--|--|--|---|--|
| Complete Exposure Pathway: | | | | | | | |
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| Complete Exposure Pathway: | | | | | | | |
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