|  |
| --- |
| Water Well Inventory |
| Summary of Water Wells Within 0.5 Mile Radius Of The Site. (DG = Down gradient) |
|  | Total No.: | Active No.: | No. Screened in Affected Zone: | Total No. DG: | Active No. DG: |
| Public/Municipal: |  |  |  |  |  |
| Industrial: |  |  |  |  |  |
| Domestic: |  |  |  |  |  |
| Agricultural: |  |  |  |  |  |
| **Potential Receptor Points** |
|  | Closest DG Water Well: | Closest DG Water Well Screened in Affected Zone: |
| Well No./Designation: |  |  |
| Distance From Site (ft.): |  |  |
| Total Well Depth (ft.): |  |  |
| Current use of Water: |  |  |
| Screened Interval Below Ground:  |  |  |
| Year Constructed: |  |  |
| Discuss any ordinances or special circumstances which prevent or influence the future installation of water wells at the site or surrounding area: |
| Have contaminants of concern (COC’s) been detected in a water supply well: [ ]  Yes [ ]  No [ ]  UnkIf yes indicate highest concentration: [ ]  >2x MCL/HAL [ ]  >1 to 2x [ ]  0.5 to 1x [ ]  0.25 to 0.5x [ ]  <0.25x |
| **II. Underground Utility Survey (within 500 foot radius)** |
| Nearest Underground Utility: Include Name, Type, Depth of Utility, Distance and Direction from Affected Zone: |  |
| Nearest Down gradient Underground Utility: Include Name, Type, Depth of Utility, Distance and Direction from Affected Zone: |  |
| Are any of the underground utilities within the footprint of the contaminant plume: [ ]  Yes [ ]  No [ ]  Unk |
| Discuss other receptors and indicate on Attachment 3 (if affected, discuss abatement measures): |
| **III. Building/Confined Space Survey (within 500 foot radius)** |
| Nearest Building/Confined Space: Include Name, Type, Distance and Direction from Affected Zone: |  |
| Nearest Down gradient Building/Confined Space: Include Name, Type, Distance and Direction from Affected Zone: |  |
| Has indoor vapor intrusion (IVI) screening procedure been performed: [ ]  Yes [ ]  No [ ]  UnkIf yes: ([ ]  tier one-no vapor testing [ ]  tier 2-sub slab or near foundation vapor testing) |
| Do the screening results indicate that an IVI pathway is complete: [ ]  Yes [ ]  No [ ]  Unk |
| Is GW depth shallow (if Yes, check below): [ ]  Yes [ ]  No [ ]  Unk([ ]  0’ - 2’ [ ]  >2’ - 5’ [ ]  >5’ - 10’ [ ]  >10’ - 15’ [ ]  >15’ - 20’) |
| Have any petroleum vapors/odors been detected and/or reported (if Yes, check below): [ ]  Yes [ ]  No [ ]  Unk([ ]  outdoors [ ]  building [ ]  conf space [ ]  storm sewer [ ]  sanitary sewer [ ]  other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_) |
| Discuss the nearest and other receptors and indicate on Attachment 3. (buildings should include residences, schools, day care facilities, nursing homes, etc.): |
| **IV. Surface Water Survey (within 500 foot radius)** |
| Nearest Surface Water: Include Name, Type, Distance and Direction from Affected Zone: |  |
| Nearest Down gradient Surface Water: |  |
| Is there any evidence that surface water has been impacted by the contaminant plume: [ ]  Yes [ ]  No [ ]  Unk |
| Impacted Surface Water: Include Name, Type, Distance and Direction from source area: |  |
| Has GW adjacent to the SW been tested (date last test \_\_\_\_\_\_\_\_): [ ]  Yes [ ]  No [ ]  Unk |
| If Yes, did any GW or SW samples exceed applicable surface water CTLs: [ ]  Yes [ ]  No [ ]  Unk |
| Describe potential for affected storm water or groundwater discharge to surface water feature: |
| **V. Sensitive or Protected Habitat Survey (within 500 foot radius)** |
| Nearest Sensitive or Protected Habitat: Include Name, Type, Distance and Direction from Affected Zone: |  |
| Nearest Down gradient Sensitive or Protected Habitat: |  |
| Is there evidence that a sensitive/protected habitat is impacted by the contaminant plume: [ ]  Yes [ ]  No [ ]  Unk |
| Provide the habitat type condition, regulatory authority, and other information relative to habitat characterization: |
| **VI. Off-Source Site Property Impacts:** |
| Is there confirmed or suspected contamination beyond the source property boundaries: [ ]  Yes [ ]  No [ ]  UnkIf yes: [ ]  FDOT ROW [ ]  non-FDOT Road ROW [ ]  residential [ ]  non-residential [ ]  other \_\_\_\_\_\_\_\_\_\_\_\_\_\_If yes, indicated impacted media: ([ ]  FP [ ]  GW [ ]  soil) |
| No. of impacted properties beyond the source property boundaries: \_\_\_\_\_\_\_\_  |
| **VII. Other Potential Receptor Risk Factors:** |
| Is there free product present: [ ]  Yes [ ]  No [ ]  Unk |
| Is the depth to product less than 5 feet below land surface: [ ]  Yes [ ]  No [ ]  Unk |
| Is there contaminated soil in the top 2 feet below land surface: [ ]  Yes [ ]  No [ ]  Unk |
| Is there contaminated soil between 2 feet and 5 feet below land surface: [ ]  Yes [ ]  No [ ]  Unk |
| Is there any other potential for exposure to contaminants not previously addressed: [ ]  Yes [ ]  No [ ]  Unk |
| **VIII. Current Area Land Use and Zoning:** |
| Source property current land use and zoning information: |  |
| Surrounding property current land use and zoning within 500’ of site (indicate direction): |  |
| Is there evidence of planned future change in area land use and/or zoning: [ ]  Yes [ ]  No [ ]  Unk |
| Source of land use and zoning information: |  |
| **IX. Summary and Recommended Action:** |
| Any observed or potential impacts anticipated: | [ ]  Yes [ ]  No | If Yes, additional Corrective Action may be required. |
| Any potential for significant impacts: | [ ]  Yes [ ]  No | If Yes, additional Corrective Action is required.  |
| Any significant impacts observed: | [ ]  Yes [ ]  No | If Yes, additional Corrective Action is required.  |
| Describe observed or potential impacts to receptors and any recommended emergency abatement and/or continued corrective action: |
| **X. Required Attachments**  |
| **Attachment 1:** Site plan illustrating location of entire former/current UST/AST system(s), subsurface utilities, limits of past excavation(s), and surface cover. |
| **Attachment 2:** Site map(s) showing all sampling points and contaminant plume contours |
| **Attachment 3:** Vicinity map or aerial photograph illustrating surrounding land use and receptors identified within a 500-foot radius |
| **Attachment 4:** USGS topographic map with plotted water well locations |
| **Attachment5:** Copies of completion details and water well drillers reports for located wells within 0.5 mile radius, (if available). |
| **Attachment 6:** Photographic documentation of site and surrounding area. |