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| **Florida Department of Environmental Protection - Bureau of Petroleum Storage Systems - Petroleum Cleanup Program** |

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| Site Assessment Summary and Worksheet |
| ***This form should be completed by FDEP Site Managers for all sites.***(Petroleum Cleanup Guidance Document #2)***.***  |

|  |  |  |  |
| --- | --- | --- | --- |
| Site Name |  | Site Manager |  |
| FACID# |  | FDEP Geologist Reviewer |  |
| Location |  | Date Site Assessment (SA) Approved |  |  | / |  | / |  |
| Contractor |  | Date Supplemental SA Approved (if applicable) |  |  | / |  | / |  |
|  |
|  |  | Cluster Site? | Other Facility ID#’s: (1) |  | (2) |  | (3) |  |

**REPORT SUMMARY (reports reviewed for site assessment)**:

|  |
| --- |
|  |
|  | Date of Report |  |  | Type of Report |  | Date of Review |  | Reviewer(s) |  | Comments |
|  |  | / |  | / |  |  |  |  |  | / |  | / |  |  |  |  |  |  |
|  |  | / |  | / |  |  |  |  |  | / |  | / |  |  |  |  |  |  |
|  |  | / |  | / |  |  |  |  |  | / |  | / |  |  |  |  |  |  |
|  |  | / |  | / |  |  |  |  |  | / |  | / |  |  |  |  |  |  |
|  |  | / |  | / |  |  |  |  |  | / |  | / |  |  |  |  |  |  |
|  |  | / |  | / |  |  |  |  |  | / |  | / |  |  |  |  |  |  |
|  |
|  | Date Last Updated |  | / |  | / |  |  |

**DISCOVERY AND SOURCE INFORMATION**:

|  |
| --- |
|  |
|  | Discovery Date(s): 1st |  | / |  | / |  | 2nd |  | / |  | / |  | 3rd |  | / |  | / |  |  |
|  |
|  |  Program Type(s): |  | ATRP |  | EDI |  | PCPP |  | PLRIP |  | Non-program |
|  |
|  | Score  |  | Reason for Assessment: |  |  |
|  |
|  | Active Site? | Yes |  | No |  | If yes, date of last tightness test: |  | / |  | / |  |  |
|  |
|  | If applicable, date when tanks were abandoned/removed: |  | / |  | / |  |  |
|  |
|  | Product Types (suspected sources of contamination):  |
|  |
|  |  | Leaded Gasoline |  | Diesel/Kerosene |  | Bunker C Fuel Oil |
|  |
|  |  | Unleaded Gasoline |  | Used Oil |  | Other: |  |  |
|  |
| **Comments:** |  |  |
|  |

**WELL SURVEY** (including irrigation, industrial and all potable wells):

|  |
| --- |
|  |
| Public Supply well(s) within 1/2 mile of site? | Yes |  | No |  | Private well(s) within 1/4 mile of site? | Yes |  | No |  |  |
|  |
| Are they downgradient? | Yes |  | No |  | Are they downgradient | Yes |  | No |  |  |
|  |
| Screened deeper than the contamination? | Yes |  | No |  | Screened deeper than the contamination? | Yes |  | No |  |  |
|  |
| **Comments:** |  |  |
|  |
| See potable well survey map |

**SOURCE REMOVAL** (including soil removal during tank closures):

|  |
| --- |
|  |
|  |  | Soil removal  |  | cubic yds or |  | tons | Date Initiated: |  | / |  | / |  |  |
|  |
|  | Description: |  |  |
|  |
|  | Soil remediation option: |  | Incineration |  | Landfill |  | Landfarm |  | Other |  |  |
|  |
|  |  | Free product removal |  | gals | Date Initiated: |  | / |  | / |  |  |
|  |
|  | Description: |  |  |
|  |
|  |  | Contaminated water removal |  | gals | Date Initiated: |  | / |  | / |  |  |
|  |
|  | Description: |  |  |
|  |

**LITHOLOGIC SUMMARY**:

|  |
| --- |
|  |
| Description: |  |  |
|  |  |  |
|  |  |  |
|  | The impacted aquifer can be best characterized by the following description: |  |
|  |  |  |
|  |  | Predominantly Sands |  | Intermingled Sands & Clays |  | Predominantly Clays |  | Limestone |
|  |
| See Cross-Sections (if available) |

**GROUNDWATER ELEVATION DATA**:

|  |
| --- |
|  |
| Depth to groundwater in upper zone water-table wells (ft): |  | to  |  | Average (ft) |  |  |
|  |
|  Depth to groundwater in lower zone vertical extent wells (ft): |  | to  |  | Average (ft) |  |  |
|  |
| Observed maximum range of upper zone fluctuation (ft): |  | Tidally Influenced? Yes |  | No |  |  |
|  |
| Suspected Perched Aquifer Conditions? Yes |  | No |  |  |
| **Comments:** |  |  |
|  |
| See graphical and tabular summaries | Date Last Updated |  | / |  | / |  |  |

**SOIL INVESTIGATIONS**:

|  |
| --- |
|  |
| Is there vadose zone soil contamination Yes |  | No |  |  |
|  |
| Soil Screening Results |
|  |
|  |  | FID |  | PID |  | Other |  | Date Sampled |  | / |  | / |  |  |
|  |
| Highest current OVA concentration (ppm) |  | Sample #(s) |  | Depth(s) (ft): |  |  |
|  |
| Laboratory Analytical Results (current maximum) | Conc. (mg/kg) | SPLP/TCLP ( µg/L ) \* if applicable \* | Sample # | Depth (ft) | Date Sampled |  |
|  | Benzene |  |  |  |  |  |  |  |  |  |  | / |  | / |  |  |
|  |
|  | Ethylbenzene |  |  |  |  |  |  |  |  |  |  | / |  | / |  |  |
|  |
|  | Toluene |  |  |  |  |  |  |  |  |  |  | / |  | / |  |  |
|  |
|  | Xylenes |  |  |  |  |  |  |  |  |  |  | / |  | / |  |  |
|  |
|  | Naphthalene |  |  |  |  |  |  |  |  |  |  | / |  | / |  |  |
|  |
|  | Total Recoverable Petroleum Hydrocarbons |  |  |  |  |  |  |  |  |  |  | / |  | / |  |  |
|  |
| Other [ |  | ] |  |  |  |  |  |  |  |  |  | / |  | / |  |  |
|  |
| Other [ |  | ] |  |  |  |  |  |  |  |  |  | / |  | / |  |  |
| **Comments:** |  |  |
|  |
| See graphical and tabular summaries | Date Last Updated |  | / |  | / |  |  |

**GROUNDWATER INVESTIGATIONS**:

|  |
| --- |
|  |
| Maximum Contaminant Levels (latest sampling data prior to RA implementation): |
| Above CTL | Contaminants of Concern  |  |  |  |  | Conc. (µg/L) |  | Well # |  | Date Sampled | CTL (µg/L) |
|  |
|  |  |  | Benzene |  |  |  |  |  |  |  | / |  | / |  |  | 1 |  |
|  |
|  |  |  | Ethylbenzene |  |  |  |  |  |  |  | / |  | / |  |  | 30 |  |
|  |
|  |  |  | Toluene |  |  |  |  |  |  |  | / |  | / |  |  | 40 |  |
|  |
|  |  |  | Xylenes |  |  |  |  |  |  |  | / |  | / |  |  | 20 |  |
|  |
|  |  |  | MTBE |  |  |  |  |  |  |  | / |  | / |  |  | 20 |  |
|  |
|  |  |  | EDB |  |  |  |  |  |  |  | / |  | / |  |  | 0.02 |  |
|  |
|  |  |  | TRPHs |  |  |  |  |  |  |  | / |  | / |  |  | 5,000  |  |
|  |
|  |  |  | Naphthalene |  |  |  |  |  |  |  | / |  | / |  |  | 14 |  |
|  |
|  |  |  | Lead (total) |  |  |  |  |  |  |  | / |  | / |  |  | 15 |  |
|  |
|  |  |  | Other [ |  | ] |  |  |  |  |  | / |  | / |  |  |  |  |
|  |
|  |  |  | Other [ |  | ] |  |  |  |  |  | / |  | / |  |  |  |  |
|  |
|  | Free product present? Yes |  | No |  | Where? |  |  |
|  |
|  | Maximum product thickness (ft) |  | Product recovery ongoing? Yes |  | No |  |  |
|  |
|  | Estimated depth of contamination (ft) |  | Lower aquifer(s) contaminated? Yes |  | No |  |  |
| **Comments:** |  |  |
|  |
| See graphical and tabular summaries | Date Last Updated |  | / |  | / |  |  |

**AQUIFER CHARACTERISTICS**:

See RAP Design Summary and Worksheet

**COMMENTS/RECOMMENDATIONS**:

|  |
| --- |
|  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |
|  | Date Last Updated |  | / |  | / |  |