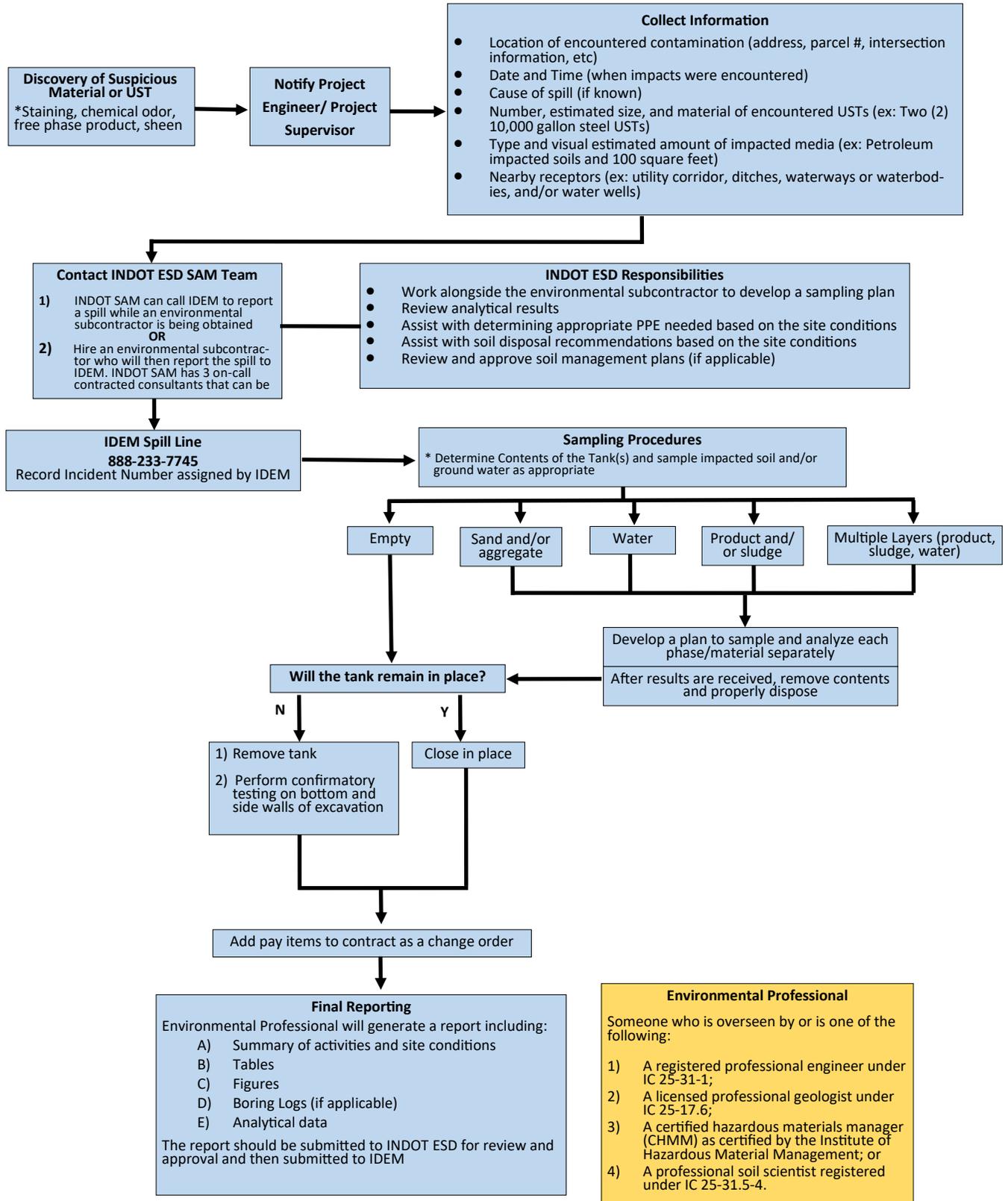


Discovery of Contaminated Materials or Orphan Underground Storage Tanks (USTs) in INDOT Owned Right-of-Way

INDOT Environmental Services Divisions (ESD) Site Assessment and Management (SAM)

SAM Team Lead Phone Number: (317) 607-4958

Personal Safety is always first priority. Do not endanger yourself by entering hazardous environments. Stay upwind of spills. Never taste spilled material or inhale smells to identify spills.





Orphan Underground Storage Tank Discovery: Guidance and Flow Chart

An orphan tank is understood to be a tank that was not previously identified through reasonable search and due diligence. IDEM's tank program provides limited regulation of tanks, depending on the size, purpose, and contents. Many of the orphan tanks INDOT encounters are outside of the scope of the IDEM tank program. As the Responsible Party/Generator, INDOT must balance many other factors outside of IDEM regulations regarding orphan management.

Preference is given to removal of an orphan tank; however, there are instances where filling the tank in place may be necessary due to the site and/or tank location. In either case, the first step is to identify the contents, remove the contents (if appropriate), and assess potential contamination in the soil and groundwater surrounding the tank.

Steps:

1. Determine contents of the tank:
 - a. Empty
 - b. Filled with sand/aggregate
 - c. Water
 - d. Product
 - e. Combination of any of the above
2. Develop and email the INDOT SAM inbox (esd.sam@indot.in.gov) a sampling plan and write the description for tank contents prior to sampling. Include following in the plan:
 - a. Location (intersection or address)
 - b. Date and time the tank was discovered
 - c. Number and size of the UST(s) (i.e. one (1) 500-gallon UST)
 - d. Include pictures of UST(s) and site
3. Upon receiving the analytical data email the lab results and conclusion to the INDOT SAM inbox.
4. Remove tank contents if directed by INDOT SAM
5. Determine with INDOT SAM and INDOT Project Manager if the tank needs to be removed or filled in place. If removed, dispose of it in accordance with state and federal regulations.
6. Email the final report the SAM inbox (esd.sam@indot.in.gov)