

on the part of the Survey Party Manager (Land Surveyor). If there is any possibility that a site of historical or archeological significance exists in the area of any survey, it should be conspicuously noted in the Survey Report.

Hazardous Material/Waste Sites

- Prior to Field Inspection the Project Manager will request that the District Environmental Manager provide any known areas of significant contamination. The Office of Safety and Health will be requested to provide recommendations for safety precautions to protect the surveyors.[◊]

All hazardous material/waste (or potential) sites should be located and/or identified. Caution should be taken and at no time should Department employees touch, smell, move or otherwise be exposed directly to a potential hazardous material. Location and Design Division staff should assist in the identification of any known or potentially contaminated sites early in the project development stage. The Survey Party Manager (Land Surveyor) shall make a statement in the Survey Report indicating whether any hazardous materials were encountered or found, and if encountered or found, state the location of the possible hazard in the survey notes.

The survey party will note features such as:

- Storage tanks (above-ground and underground)
 - Environmental monitoring wells (marked “Monitoring Well” and stick up well casings)
 - Oil/water separators
 - Dumping areas
 - Drums
 - Waste lagoons
 - Obvious surface contamination (e.g. staining and odors)
 - Obvious surface water contamination (e.g. oil sheen)
- The route survey will include notes of any potential sites or conditions identified by the survey party.
 - Areas of contamination, as provided by the District Environmental Manager, are to be shown on the plan sheet (hatching, crosshatching, etc.).
 - The Project Manager, with the assistance of the Survey Manager, should communicate the findings of the route survey where potential contamination sites were identified, to the District Environmental Manager for further review.
 - Based on the evaluation and recommendations of the District Environmental Section, avoidance of potential hazardous materials sites should be the first alternative design consideration.
 - When the selection of other location/design alternatives is not feasible, project designs that minimize the impact of any hazardous materials site are to be evaluated.

[◊] April 2014