



P-13 unlocked. Monitoring well casing sticks up approximately 12" above ground surface. See photos 47 and 48.

Erosion channels 3-4' deep along embankment below ridge area. See photos 44 and 45.

Surface water flowing - flow breaks out of ground at this approximate location. See photos 42 and 43.

Areas where landfill covers are "squishy" and cover appears to be saturated. See photos 61, 66, and 67.

Surface seal broken. See photo 46.

Surface water observed flowing. See photos 58 and 59.

Depressed area approximately 8' diameter in area around gas vent. See photo 51.

Hole measured 1.5' deep at 45 degree angle. Wet sand observed on end of ruler when pulled out of hole. See photos 62 and 63.

Penobscot River is up onto riprap embankment below Landfill 1. Estimated horizontal distance between edge of river and MW-401 series wells is <50'. See photos 2, 3, and 4.

Woodchuck holes. See photos 56, 57, 62, and 63.

Area of embankment erosion.

Probable areas of plow damage. See photos 68-71.

Groundwater seeping out of ground and flowing along access road. See photo 72.

Surficial soils very wet in this area.

Top of Landfill 4 very flat; topsoil saturated and squishes underfoot when walking. See photos 52, 53, and 54.

Process lagoon nearly full of green-colored water. Dave Tonini stated that the water overflows out of the lagoon towards the east, into the nearby ditch where it is discharged from the site. Flow is in direction of arrow shown leaving the lagoon. See photo 9.

- LEGEND
- SAMPLABLE WELL
 - PIEZOMETER
 - WELL POINT OR GEOPROBE BORING
 - INTERPRETIVE GEOLOGIC PROFILE LOCATION
 - DITCHES
 - PROPERTY BOUNDARY



MDEP Site Inspection Figure 1.

Notes recorded by David Burns (MDEP) during a Mallinckrodt Landfill 1-5 site inspection on 4/1/10. Accompanied by Fred Lavallee and Stacy Ladner (MDEP) as well as Dave Tonini (CDM). Basemap taken from Sevee Expert Report for BEP Hearing. Photo references are to photos taken by D. Burns during the inspection.

See MDEP Site Inspection Figure 2 for notes recorded for Landfill 2.

FIGURE SME-1
GROUNDWATER
EXPLORATIONS MAP



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