

HARRISON SUB-RESIDENCY FIELD INSPECTION

Name of Inspector: Chris Kappeller and Val Basil

Date: 1/29/07

Every Quarter

1) Inspect monitoring wells

*check concrete collars, protective casings, caps and locks for damage

Findings:-

All wells inspected and found to be in good condition. See Pictures # 1 - 8.

2) Inspect landfill cap (including cap vegetation)

*check for signs of erosion (rills, channels, ponding)

*check for signs of vector and vermin damage (holes/tunnels)

*check for the presence of woody vegetation (small trees) - remove any that are found

Findings:-

1. Vegetation is short. See Picture # 9

2. Soil slump on west side. See Picture # 14

3) Inspect gas vents

*check for physical damage (cracks)

*check for soil cracking adjacent to the vents - use additional soil to seal the full depth of the crack

*check for blockages inside the vents - clear vent with a non-metallic probe (snake)

*check for movement of the gas vent riser - repair (by Contractor) any geomembrane damage in the vicinity of the gas vent

Findings:-

Four vents, (V1 – V4) were inspected. Found OK. See Picture # 9.

Semi-Annual

1) Inspect perimeter fence, gates, and signs

*check for damage - restore damaged fencing and illegible signs

Findings:-

The fence has a section of its top rail bent and dislodged by a fallen branch on the N/E side of the landfill, and two (2) sections of the top rail missing on the S/E side. Also, there is a hole in the fence on the south side near the main gate to the landfill. See Pictures # 10- 13.

Twice a year during growing season (end of June to Mid-September)

2) Mow cap grass to a height of no lower than 15 cm

Findings:-

Grass is short.

Comments/Follow-up Work Required

1. The fence needs to be repaired at three (3) areas referenced above. Three months ago, the Town of Harrison was asked to fix the fence at the two areas on the south/southeast side. NYSDOT Real Estate will send a letter to the Town of Harrison requesting that they repair the damage or else NYSDOT will cancel their Use and Occupancy permit.
2. The soil slump at the western area will need some topsoil, seed and mulch. A vegetated mat or equivalent should be placed to secure this area from future failures and to prevent any further erosion. NYSDOT Residency 8-9 was asked to perform this work three months ago. It has been decided that this task will be performed by NYSDOT Region 8's hazardous waste term agreement consultant, HDR/LMS.

LMW 2 (LOCKED)

#1



LMW4

#2



PC2

#3



PC1

#4



**NEW
REPLACEMENT
WELL**

#5



**NEW FOUND
WELL EAST OF
GP2**

#6



GP2

#7



GP1

#8



**VIEW OF VENTS AND
FIELD**



9

FENCE INTACT

#10



NE FENCE RAIL
BENT AND ON
THE GROUND.
FENCE
FUNCTIONAL

#11



**2 HOLES IN FENCE
AT S/E SIDE**

12



**SAG IN S/E FENCE.
RAILS FELL**

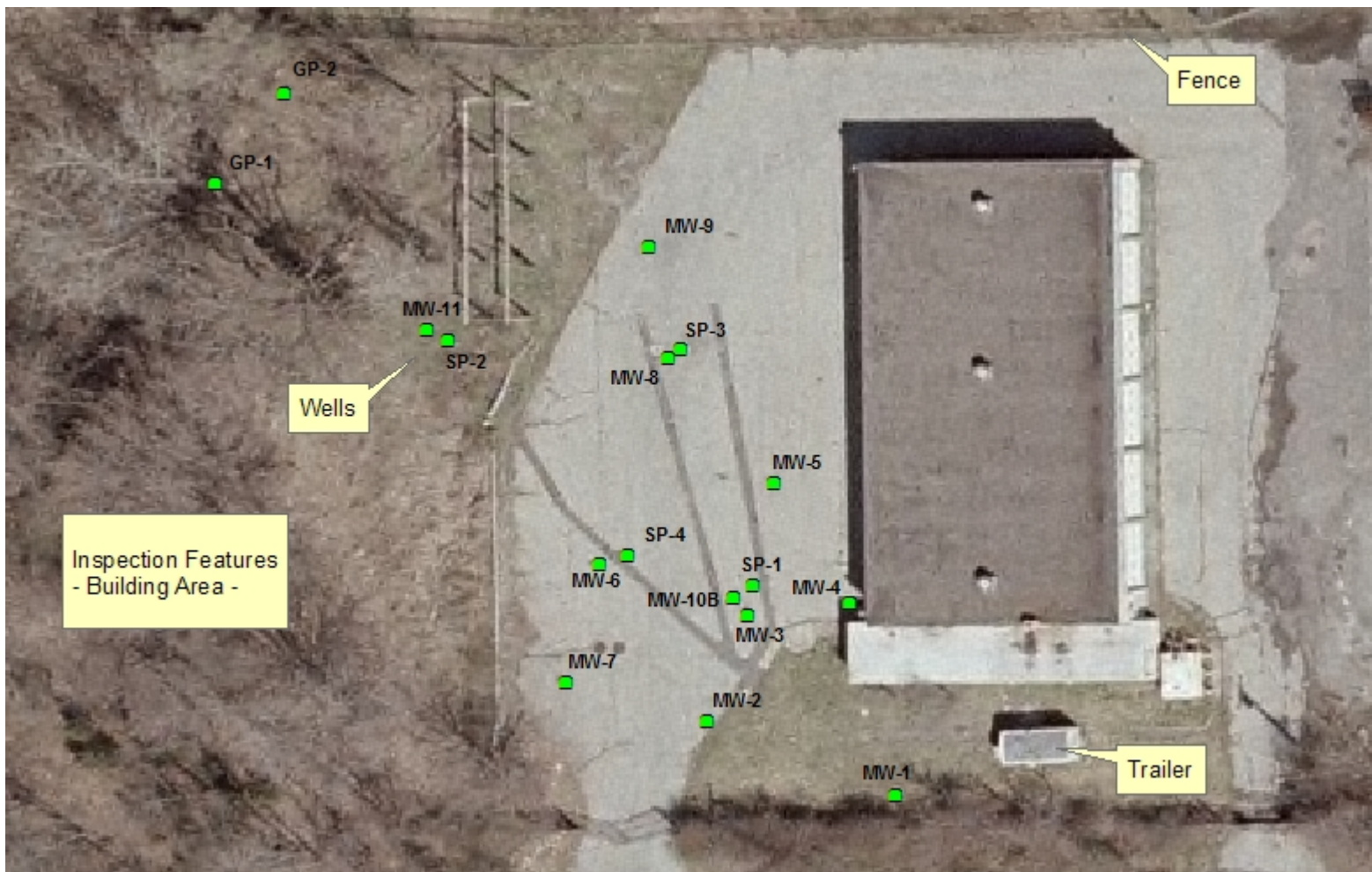


13

**WEST AREA WITH
SOIL SETTLEMENT.**



#14



Petroleum Spill Area Inspection Features



Landfill Inspection Features