



October 30, 2025

Mr. Mike Smith, P.E.
Iowa Department of Natural Resources
6200 Park Avenue, Suite 200
Des Moines, IA 50321

**RE: Notification of Settlement
Metro Waste Authority, Metro Park East Landfill
Permit No. 77-SDP-01-72P**

Dear Mr. Smith,

On behalf of Metro Waste Authority (MWA), HDR Engineering, Inc. (HDR) is submitting a notification of an area with noted settlement at Metro Park East Landfill.

On October 28, 2025, it was noted that an area was emitting a small amount of smoke (see Figure 1). This was noted by the litter picking crew to staff. Staff indicated that this is an area that has experienced settlement over the past 1-2 years. However, specific emissions have not been noted in the past.

HDR reviewed airspace analyses from the past year and did not note unusual settlement in this area. Settlement on that slope ranged from 0-2 ft in January and July of 2025.

It is roughly estimated that the area of concern is 20-ft x 20-ft, approximately 20-ft up slope from the toe of slope (over about 12-15 ft of waste). MWA will further investigate the location and issue and will proceed with placing an additional approximate 2-ft of cover over this area. Cover will be placed from the toe of slope up, and the area will be observed for additional emissions.



Figure 1: Photo on 10.28.25

Current evidence points to possible elevated temperatures in this area. MWA will carefully monitor indicators of subsurface oxidation (odors, smoke) and proceed with caution. If it is determined that smoke is coming from a larger area of the landfill, MWA will work in coordination with Waste Management (WM) to turn off gas wells, carefully place cover in areas that do not have a significant waste column, and not allow traffic in those areas. A full plan to address subsurface oxidation will be created and implemented if it is determined that the area is growing. If no further evidence of subsurface oxidation is observed, the site will consider additional gas/leachate collection features in this area in coordination with WM to prevent surface emissions.



Notification is being made to IDNR in an abundance of caution in case this observed event becomes a larger issue. MWA is actively addressing the issue and will keep IDNR informed of the solutions implemented. Should the Department have any questions regarding this letter, please do not hesitate to contact me at (402) 392-6980.

Sincerely,
HDR Engineering, Inc.

A handwritten signature in blue ink that reads 'Katie Kinley'.

Katie Kinley, P.E.
Civil/Environmental Engineering Project Manager

A handwritten signature in blue ink that reads 'D. Bacehowski'.

Dan Bacehowski, CGP
Waste/Environmental Practice Lead

cc: Ms. Becky Jolly, IDNR
Mr. Michael McCoy, MWA
Mr. Andrew Phillips, MWA
Mr. Doug Hughes, MWA

Attachments: Figure with Approximate Location

