

FORM A
MONITORING AND MAINTANCE OF CAP AREAS FOR fYNOP ANNUAL
POST-REMEDATION CARE PLAN ACTIVITIES

This form is used to document the results of annual post-remediation care activities for engineering and institutional controls at the Former York Naval Ordnance Plant (fYNOP) in York, Pennsylvania. These activities are to be performed in accordance with the procedures in the approved Pennsylvania Land Recycling and Environmental Remediation Standards Act (Act 2) Final Report and Post-Remediation Care Plan (PRCP) contained in Appendix J of the Final Report.

The activities covered by this form include reviewing low altitude aerial photographs using unmanned aircraft system (drone) technology and conducting a walk-over inspection to monitor integrity of cap areas in accordance with Section 4.3.1 in the PRCP. This form also includes interviewing property representatives to document maintenance of cap areas in accordance with Section 5.2 in the PRCP.

Which property does this form cover?

- ☐ East Campus property.
☒ West Campus property.

Aerial Photograph Information

Date photographs taken: March 11, 2025
Company taking photographs: Hydro-Terra Group
Equipment used: DJI Zenmuse XZ5S Camera & DJI Matrice 200 Drone
Elevation of camera above ground surface: 400 feet
Weather conditions: Sunny, windy, 66 degrees Fahrenheit; wind gusts up to 17 mph
Georeferencing Method: 3D ground control points taken with Trimble Da2
Number of photographs taken: 966 (East and West Campus)

Please include copies of the aerial photographs with this completed form. [One (1) summary/site aerial photograph provided only]

Do the aerial photographs cover the current cap area shown on the attached plate for the property?

- ☒ Yes.
☐ No. If no, describe the cap area(s) not included in the photographs and reason(s) why not included.

Did the aerial photograph review identify evidence of changes (e.g., damage, repair, replacement, alteration to type of material, and coverage size) to cap areas on the property shown on the current cap area plate?

☒ No.

☐ Yes. If yes, describe the changes to cap area(s) and/or where they are not present.

No new changes to cap areas were observed beyond those already recorded in previous annual PRCP reports.

Walk-Over Inspection Information

Date of walk-over inspection: 3/28/2025

Company performing the inspection: Hydro-Terra Group (HTG)

Name of inspector: Emily Wade

Weather conditions Partly sunny, 60 degrees Fahrenheit

Number of photographs taken: 2

Please include copies of photographs taken during the inspection with this completed form.

Were all changes to cap areas identified by the aerial photograph assessment also inspected?

☒ Not applicable. No changes were identified by the aerial photograph assessment.

☐ Yes.

☐ No. If no, describe the items identified during aerial photograph assessment that were not observed during the inspection and why they were not observed.

Did the inspection include the entire cap area shown on the current cap area plate for the property?

☒ Yes.

☐ No. If no, describe the cap area(s) not included in the inspection and reason(s) why not included.

Did the inspection identify evidence of changes (e.g., damage, repair, replacement, alteration to type of material, and coverage size) to cap areas on the property?

☒ No.

☐ Yes. If yes, describe the changes to cap area(s) and/or where they are not present.

Cap is intact at all areas.

Interview Information

Date of interview: 1/15/2026

Company performing the interview: Hydro-Terra Group

Name of interviewer: Rodney Myers, Hydro-Terra Group

Name of person interviewed: Chantelle Jackson-Gaines, NP York 58, LLC

Did the interview identify changes to cap area(s) and/or material(s) on the property?

☐ No.

☒ Yes. If yes, describe the changes to cap area(s) and/or material(s).

1- New pedestrian sidewalk was installed within existing soil cap area along the northwest corner of the warehouse in June 2025. The new sidewalk measured 4' by 40', and was constructed with 4" of stone subbase and 4" of concrete following removal of 8" of soil; and

2- Met-Ed updated their electrical infrastructure across the site which entailed removing and replacing nine (9) electrical poles in September and October 2025. New poles were placed next to the existing ones within soil cap areas across the West Parking Lot. Thirty-six inch (36") diameter holes were created for each new pole, and each hole was filled with a new wooden pole, gravel and compacted soil that was removed. The old pole location was cut flush, or removed and filled with compacted soil that was removed for the new pole.

Did the interview identify maintenance of cap area(s) on the property?

☐ No.

☐ Yes. If yes, summarize the cap maintenance activity(s).

1- Milling, crack fill and seal coat of portions of the asphalt parking area in the West Parking Lot in August 2025. Approximately 2 inches of eroded asphalt was removed and replaced with new 2" thick asphalt over an area measuring approximately 100' by 200'.

2- Warehouse slab repair of several minor damaged areas throughout the year – generally consisted of epoxy filling of small cracks or holes in concrete slab of warehouse.

3- Repairs to asphalt following small sinkhole repair: A small sinkhole was repaired within the asphalt roadway along the north side of the warehouse in August 2025. Following repair of the sinkhole, a 21" by 29" cut-out patch was replaced over the repair area with new asphalt (same thickness).

Note: The following maintenance section of this form does not need to be completed if no changes to cap area(s) and type(s) were identified during the aerial photograph review, walk-over inspection, or interview activities.

Cap Maintenance Activity Reporting

Describe the maintenance activity(s) performed to repair and/or replace the disturbed portion(s) of the cap area(s), the date the maintenance was completed, the company that performed the maintenance, the construction details and material specifications used in accordance with Appendix B of the PRCP (Construction Details for Caps) and identify the location(s) on a figure.

Bova Property Maintenance filled three shallow holes in January 2025 and seven in May 2025 using Metzger McGuire Armor-Hard [concrete cap repaired in kind or with hardened epoxy]. New sidewalk construction was conducted by Precision Installer in June 2025 [soil cap replaced

by concrete cap]. Crack fill, seal coat, striping & renumbering in the west truck lot was completed by All Out during July/August 2025 [asphalt cap repaired in kind, with sealcoat added]. Sinkhole repair and asphalt replacement was conducted by Stillhouse Construction, Inc. in August 2025 [asphalt cap replaced in kind]. Met-Ed updated their electrical equipment across the site during which entailed removing electrical poles and installing new ones during September/October 2025 [soil cap with utility pole replaced in kind, adjacent to the existing pole].

Other Observations

Did the aerial photograph review and/or inspection activities identify evidence of intrusive activities (areas of disturbance) on the property?

☒ No.

☐ Yes. If yes, describe the activities and identity the estimated extent/location on a figure.

Were other noteworthy observations related to annual post-remediation care activities identified during the aerial photograph review and/or inspection activities on the property?

☐ No.

☒ Yes. If yes, describe the observations.

West Parking Lot asphalt paved stormwater swale along Eden Road is monitored for cracks and vegetation growth. Minor cracks were observed along approximately 100 feet of the paved swale during 2025 quarterly inspections and were recommended for repair.

Monitoring and Maintenance of Cap Areas Form Prepared By:

Hydro-Terra Group

Company Name

Rodney Myers, CHMM Sr. Program Manager

Company Representative / Title



3/31/2026

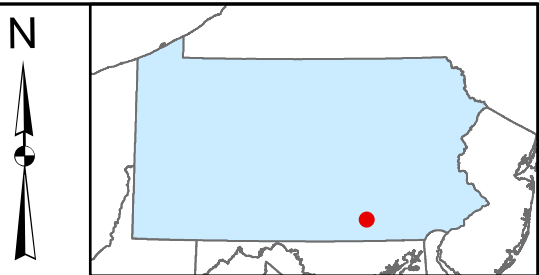
Signature / Date

Consultant

Relationship to Owner of the Property



HTG Drone Flight & Imagery Date: March 11, 2025 - DJI Zenmuse X5S, DJI Matrice 200
Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Sources: Esri, Maxar, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community



West Campus Boundary
East Campus Boundary



Former York Naval Ordnance Plant
1425 & 1445 Eden Road York, PA 17402

 www.hydro-terra.com	fYNOP Cleanup		
	March 11, 2025 Drone Imagery		
	drawn:	LPS	04/11/25
	checked:	EMW	04/11/25
	approved:	RGM	04/11/25
			figure: 5

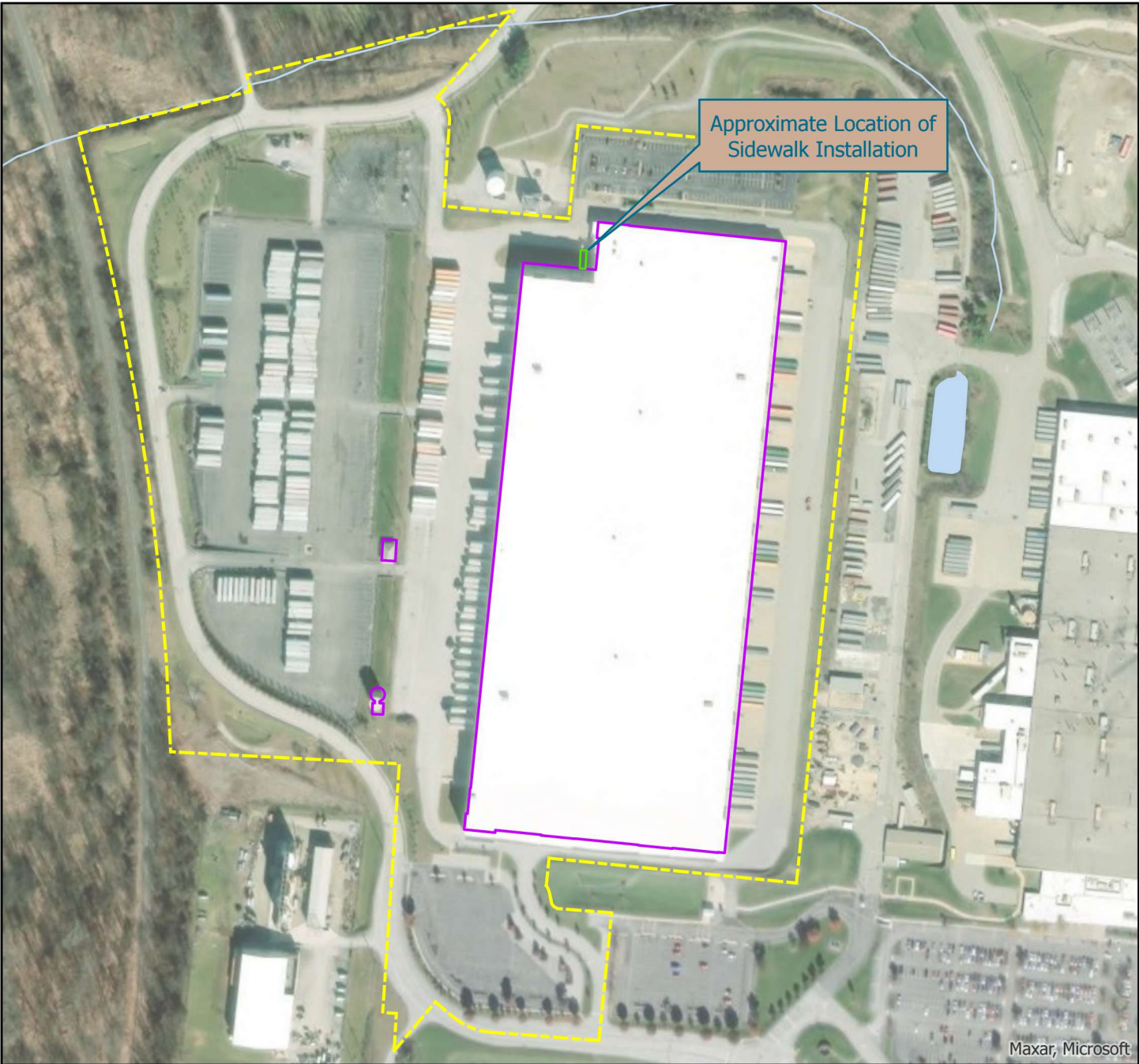
Photos taken March 28, 2025



Photo looking south at cracks in the asphalt in the paved swale.

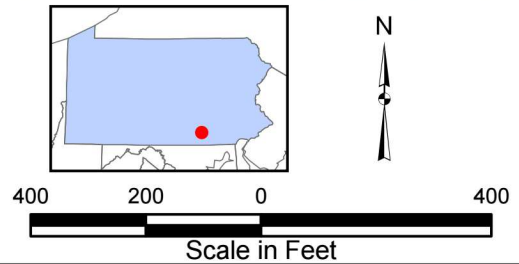


Photo looking south at cracks in the asphalt in the paved swale.



Legend

- Stream
- Site Boundary (2,536,934 square feet)
- Approximate Location of Sidewalk Installation
- Building
- Water Body



NorthPoint Development

1445 Eden Road York, PA 17406



NP York 58 EP Services

Sidewalk Installation Location

drawn:	LPS	07/24/25	figure:
checked:	EMW	07/24/25	2
approved:	RGM	07/24/25	

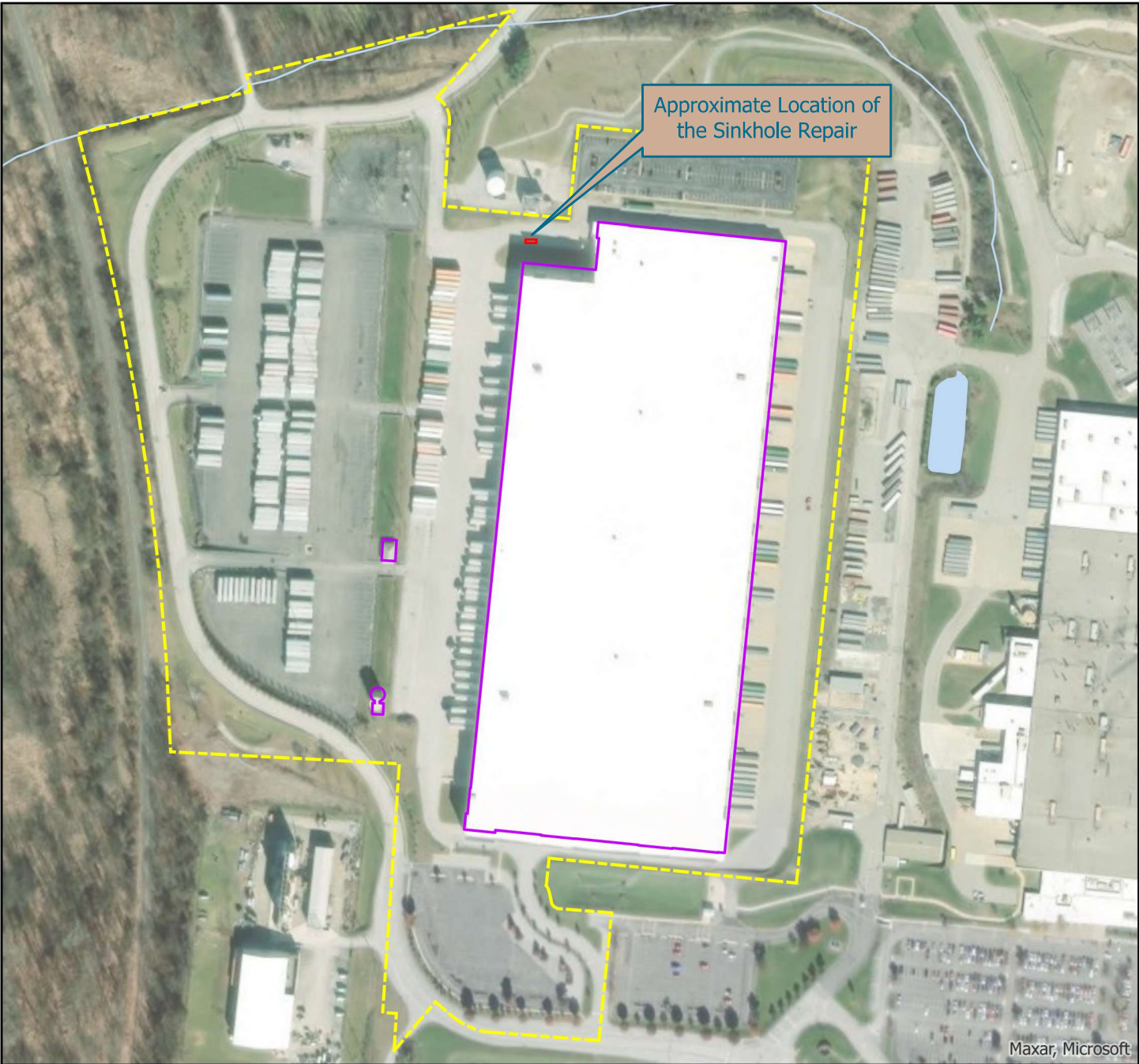




Figure 2 – Utility Pole Installation Location Map, NP York 58, LLC facility, York PA

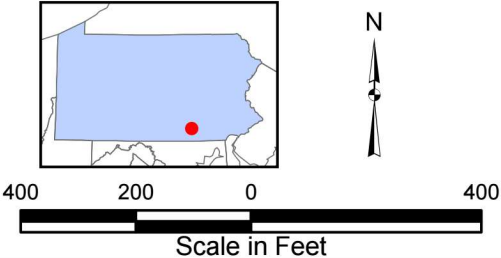
- Location and Identifier of New Utility Poles
- Hydrovac Slurry Staging Area (Salt Bin Area)





Legend

- Stream
- Site Boundary (2,536,934 square feet)
- Approximate Location of the Sinkhole Repair
- Building
- Water Body



NorthPoint Development		
1445 Eden Road York, PA 17406		
 www.hydro-terra.com	NP York 58 EP Services	
	Sinkhole Repair Location	
	drawn: EMW	08/14/25
	checked: EMW	08/14/25
	approved: RGM	08/14/25
		figure: 2