

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 5.1 in the PRCP.

Which property does this form cover?

- East Campus property.
- West Campus property.

Aerial Photograph Information

Date photographs taken: March 14, 2024

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: 61F, Sunny/Clear Skies, 1 mph wind from SW with 2 mph gusts

Georeferencing Method: 3D ground control points taken with Trimble Da2

Number of photographs taken: 1058 (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.

Walk-Over Inspection Information

Date of walk-over inspection: 3/14/2024

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

Name of inspector: Emily Wade

Weather conditions 61F, Sunny/Clear Skies, 1 mph wind from SW with 2 mph gusts

Number of photographs taken: 5

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.

Interview Information

Date of interview: 1/28/2025

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).

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

No.

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

Asphalt work was completed by All Out Paving on 9/13/24 and 10/5/24. Alligator repairs, crack filling, seal coating and line striping were conducted of selected West Parking Lot areas.

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.

6-12-24 – Gate posts were installed at eight locations (four gates total) on the NP York 58 property by Long Fence, contracted by NorthPoint Development. The locations are at the northern entrance of the trailer parking area, the northern entrance on the west side of the trailer parking area, and two locations south of the warehouse (see attached figure). The construction consisted of hand excavating 12-inch diameter postholes within existing soil capped areas for installation of 4-inch diameter steel posts approximately 4 feet into the ground, secured with concrete. The new capped surface, including steel post with concrete collar, continues to eliminate direct contact exposure to underlying soil and reduces infiltration at a greater capacity than the pre-existing condition, and conforms with the PRCP.

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 identify 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 paved surfaces and the paved stormwater swale along Eden Road should be monitored for cracks and vegetation growth and repaired/maintained following regular inspections. Minor cracks were observed in the paved swale during 2024 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

 4/3/2025
 Signature / Date

Consultant- fYNOP Team Member
 Relationship to Owner of the Property




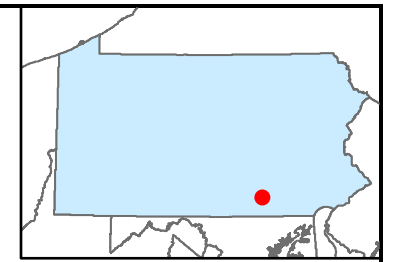
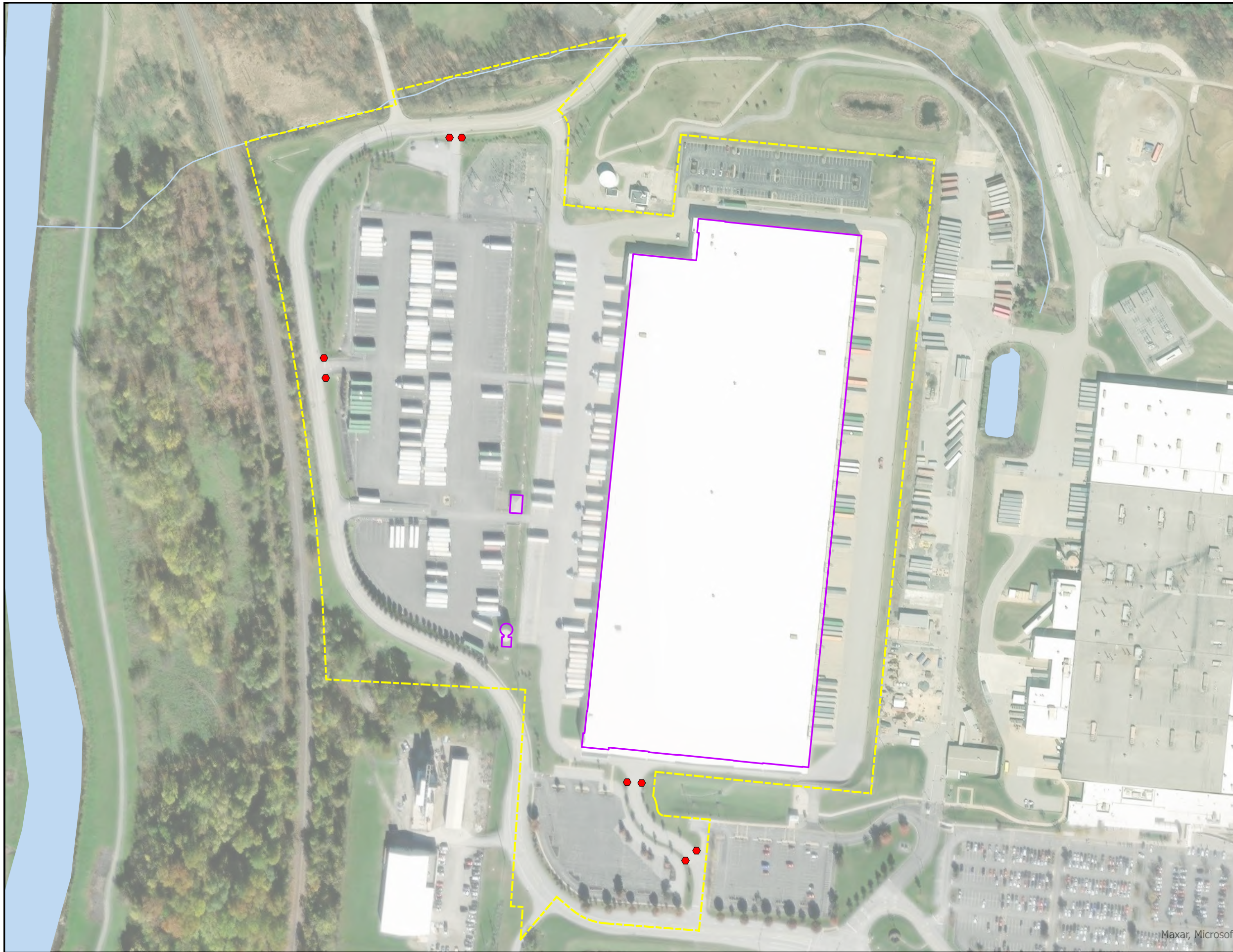
— West Campus Boundary
 — East Campus Boundary



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

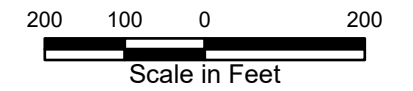
HTG Drone Flight & Imagery Date: March 14, 2024 - DJI Zenmuse X5S, DJI Matrice 200
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|---|---------------------------------|----------|---|
|  www.hydro-terra.com | fyNOP Cleanup | | 5 |
| | March 14, 2024 Drone Imagery | | |
| | drawn: LPS | 04/05/24 | |
| | checked: EMW | 04/05/24 | |
| approved: RGM | 04/05/24 | | |



Legend

- New Gate Post
- Site Boundary (2,536,934 square feet)
- Stream
- Building
- Water Body



NorthPoint Development
 1445 Eden Road York, PA 17406



NP York 58 EP Services

Gate Post Location Map

| | | | |
|-----------|-----|----------|---------|
| drawn: | TJR | 07/08/24 | figure: |
| checked: | EMW | 07/08/24 | G |
| approved: | RGM | 07/08/24 | |

Inspection photos taken on October 8, 2024.



Photo 1: Photo looking south at Area B.



Photo 2: Photo looking south at vegetation growing the in paved swale. Trash was removed from the swale during the inspection.

Inspection photos taken on October 8, 2024.



Photo 3: Photo looking east at a crack in eastern slope of the paved swale.



Photo 4: Photo looking east at impressions in the asphalt from the trailer feet. Cap is intact at impression locations.

Inspection photos taken on October 8, 2024.



Photo 5: Photo looking north at area of asphalt repair in the central portion of the WPL.



Photo 6: Photo looking northeast at northern fourth of WPL where asphalt seal coat was applied.