

FORM E
VAPOR INTRUSION EVALUATION/MITIGATION OF NEW INHABITED SPACES
FOR fYNOP ANNUAL POST-REMEDIATION 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 determine whether new inhabited space(s) exist on the East and West Campus properties in accordance with Section 4.1.3 in the PRCP. This form also includes interviewing property representatives to document the required vapor intrusion pathway evaluation and/or presumptive mitigation measure (vapor barrier or sub-slab depressurization system) for new inhabited space(s) 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 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]

Did the aerial photograph review identify new inhabited space(s) on the property?

- ☒ No.
- ☐ Yes. If yes, describe the inhabited space(s) and identify the location(s) on a figure.

Walk-Over Inspection InformationDate of walk-over inspection: 3/14/2024Company performing the inspection: Hydro-Terra GroupName of inspector: Emily WadeWeather conditions: Sunny 60°F

Number of photographs taken: _____

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

Did the inspection identify new inhabited space(s) on the property?

☒ No.☐ Yes. If yes, describe the inhabited space(s) and identify the location(s) on a figure.

Interview InformationDate of interview: 1/28/2025 & 2/10/25Company performing the interview: Hydro-Terra GroupName of interviewer: Rodney Myers, Hydro-Terra GroupName of person interviewed: Chantelle Jackson-Gaines, NP York 58, LLC and Tim Scripko, Harley-Davidson Motor Company Operations, Inc., respectively

Did the interview identify new inhabited space(s) on the property?

☒ No.☐ Yes. If yes, describe the inhabited space(s) and identify the location(s) on a figure.

Note: The following section of this form does not need to be completed if no new inhabited space(s) were identified.

Did the interview document evaluation of the vapor intrusion pathway prior to inhabiting the new space(s)?

☐ No. If no, explain why an evaluation was not required.☐ Yes. If yes, summarize the evaluation results and include documentation for the evaluation with this completed form.

Did the interview identify installation of a presumptive mitigation measure (e.g., vapor barrier or vapor mitigation system) prior to inhabiting the new space(s) to address the potential for vapor intrusion?

☒ No.

☐ Yes. If yes, describe the mitigation measure and include documentation for the measure with this completed form (e.g., location, date installed, and construction details and material specifications).

Other Comments

Were other noteworthy items related to annual post-remediation care activities identified during the vapor intrusion evaluation?

☒ No.

☐ Yes. If yes, describe the items.

Vapor Intrusion Evaluation/Mitigation of New Inhabited Spaces Assessment Form Prepared By:

Hydro-Terra Group

Company Name

Rodney Myers, CHMM - Sr. Program Manager

Company Representative / Title

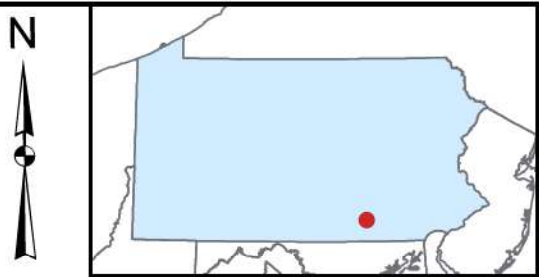


4/3/2025

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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	fyNOP Cleanup		
	March 14, 2024 Drone Imagery		
	drawn:	LPS	04/05/24
	checked:	EMW	04/05/24
approved:		RGM	04/05/24
figure:			5