

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

Wurtsmith ESI Summary and Comments

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- CERCLA Process
- Summary of ESI Report and Recommendations



CERCLA Process





Why ESI Was Conducted

 Further evaluate the potentially complete drinking water pathways identified during the Site Investigation (SI)



ESI Report Summary



Air Force ESI Objective #1

- Delineate AFFF plumes
- Identify sources areas.











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Air Force ESI Objective #2

• Evaluation of FT-02 (Area 12)







Air Force ESI Objective #3

• Historic review of reports and documentation of PFAS on the former base.



• Update and revise site-wide groundwater numerical model.





Drinking Water Exposure Pathways

- Private Well Survey
- Drinking Water Pathway



Air Force ESI Objective #5

 Evaluate ESI results to address potential exposure pathways.

Air Force Proposed Scope for Remedial Investigation

- Delineate the nature and extent of PFOA and PFOS in all media.
- Complete the identification of applicable or relevant and appropriate requirements.
- Delineated PFOA and PFOS discharging into surface water to GSI.



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Air Force Proposed Scope for Remedial Investigation

- Perform Risk Assessment.
- Update the CSM for all AFFF Areas.
- Fate and transport desk-top evaluation.

Air Force Proposed Scope for Remedial Investigation

- Storm water system evaluation.
- AFFF fingerprinting evaluation.
- PFOS+PFOA trend analysis.

Air Force Proposed Response Actions

- Evaluate a Sentinel Well Monitoring Plan.
- Evaluate Mission Street Pump and Treat system expansion.
- Evaluate FT-02 Pump and Treat system expansion.

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