



2023 Five-Year Review Update

Naval Weapons Station Yorktown
Restoration Advisory Board Meeting
June 1, 2022

Agenda



- **Discuss the Five-Year Review (FYR) Approach**
 - **Purpose**
 - **Content**
 - **Process**
- **Provide 2023 FYR Overview and Schedule**

FYR – Purpose and Content



Purpose

- Evaluate performance of remedies in place
- Determine protection of human health and the environment
- Required when:
 - Remedial action resulting in hazardous substances, pollutants, or contaminants remaining at levels that do not allow for unlimited use/unrestricted exposure
- Triggered by:
 - On-site mobilization date for sites requiring remedial action construction
 - ROD/Decision Document signature date for sites without remedial action construction (e.g. MNA or LUCs)
- FYRs should be completed and signed within five years of the trigger date

Content

- Prepared in accordance with FYR Guidance and Navy Policy
- Report Includes:
 - Appropriate site history/background
 - Review of progress since the last FYR
 - Technical Assessment of the remedy, evaluation of previous assumptions and new information
 - Identification of issues, recommendations, and follow-up actions
 - Protectiveness statements

The collage illustrates the practical application of Five-Year Reviews. It features the NAVFAC logo, a photograph of a ship, a screenshot of the EPA Superfund website titled "Writing Five-Year Reviews at Superfund Sites", and a cover of a report titled "FOR PREPARING FIVE-YEAR REVIEWS DECEMBER 2013". Below these is a screenshot of the NAVFAC Engineering and Expeditionary Warfare Center website, which features a "Five Year Reviews" section with a three-step process diagram: Step 1: Develop Plan, Monitor Community; Step 2: Data Review and Analysis, Risk Integration, Interactions; Step 3: Resource Bridging, Publish Report. The website also includes an overview section explaining that a FYR is required at an ER site if the remedial action will result in any hazardous substances, pollutants, contaminants, or MEC remaining at the site above levels that allow for unlimited use and unrestricted exposure (UJUE) or if the response action to reach UJUE will not be completed within five years. "Unlimited use" and "unrestricted exposure" mean that there are no restrictions on the potential use of land or other natural resources.

FYR - Process



Community Involvement

- Advertisement in local newspapers initiating and closing the FYR
- Final FYR posted in the information repository
- Fact Sheet provided to members of the community
- Community Involvement Plan feedback considered

Document Review

- Review all relevant documents and data (i.e., RODs, Remedial Action Construction, Operation & Maintenance, LUC RDs, LTM data, LUC inspection reports, etc.)
- Review current state and federal regulations

Emerging Contaminant Review

- Identify sites with potential PFAS releases identified in the PFAS Preliminary Assessment

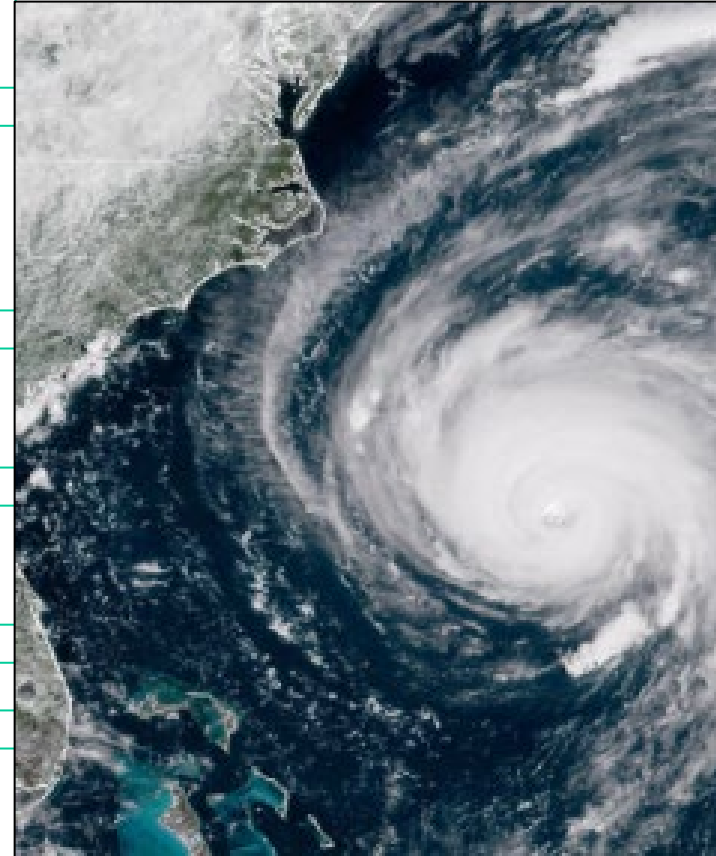
Resilience Review

- Qualitative review of each remedy with respect to extreme weather events, primarily hurricanes

Site Inspections

Interviews

- Conduct interviews with Base personnel with knowledge of the sites and operations
 - i.e., Environmental Program Manager, Facilities Management Director, Lead Environmental Protection Specialist, Natural Resources Specialist, and Engineering Technician



2023 FYR Overview and Schedule



Overview:

- **2023 is the Fifth FYR**
 - Original FYR Trigger: Remedial Action Construction at Site 12 Area A
 - Signature date of the last FYR: March 16, 2018
 - Navy Signature due date 2023 FYR: March 16, 2023
- **Sites Included in FYR: Sites 1, 6, 7, 12, 19, and 22**

Schedule:

- **Public Notice – Initiation of FYR: May 2021 [COMPLETE]**
- **Document Review, Site Visits, Interviews: May – August 2021 [COMPLETE]**
 - Site 12 LTM: June 2021
 - Site visits and interviews
- **Draft to USEPA and VDEQ: March 2022 [IN PROGRESS]**
 - Review and comment resolution: 10 months
- **Navy Brief & Signature: March 16, 2023**
- **EPA & VDEQ provide Concurrence Letters: April 2023**
- **Public Notice and Fact Sheet: May/June 2023**

Questions or Comments?



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Visit NWS Yorktown’s ERP Public Web Page at:
<http://go.usa.gov/xfP6h>