

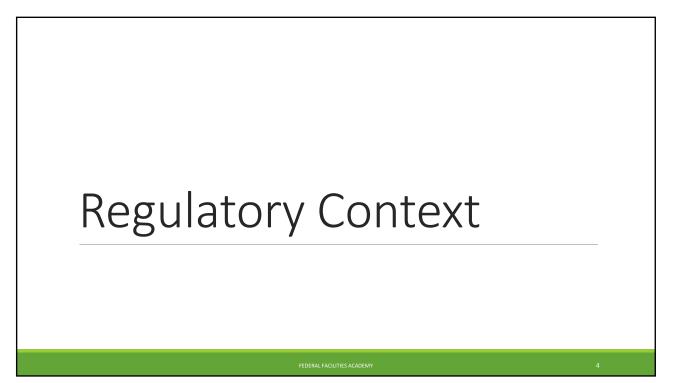
Federal Facility Five-Year Reviews

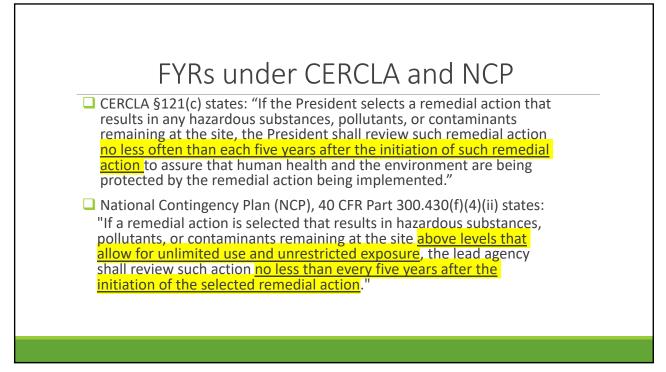
JULY 11, 2024 FEDERAL FACILITIES RESTORATION AND REUSE OFFICE OFFICE OF SUPERFUND REMEDIATION AND TECHNOLOGY INNOVATION



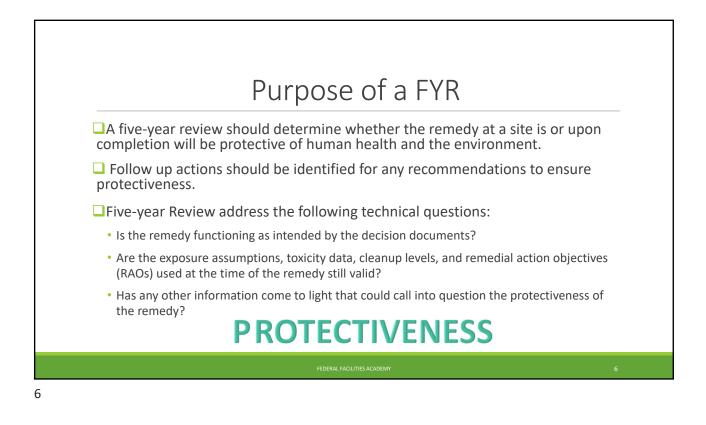


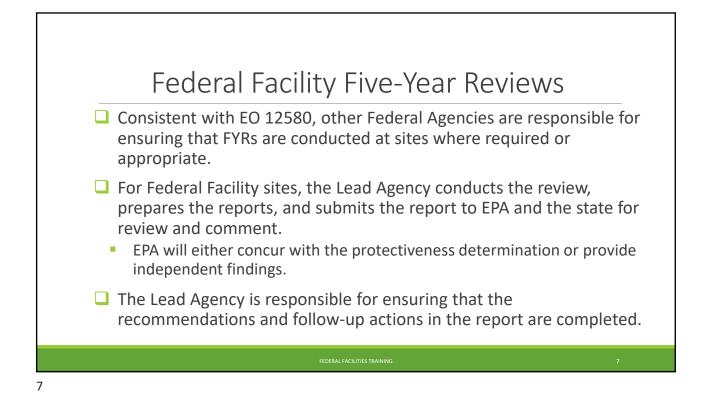


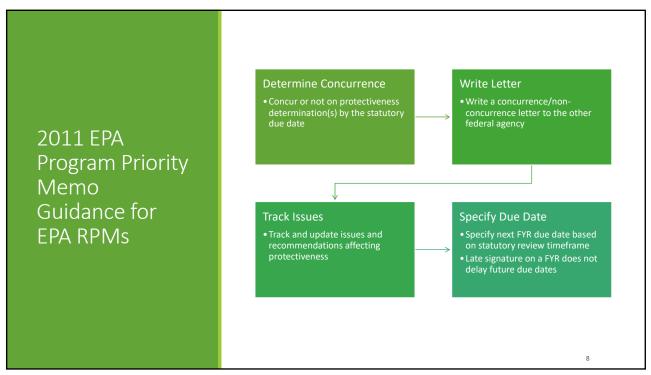




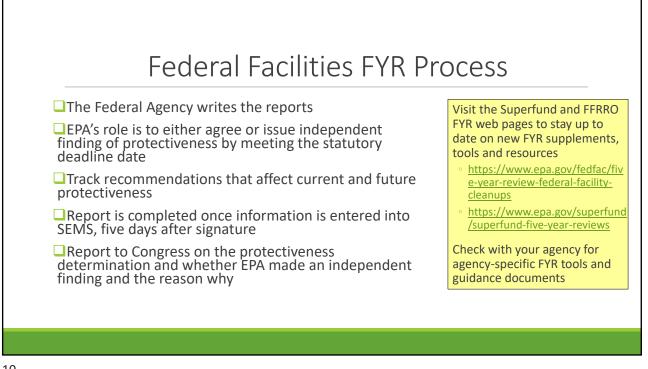


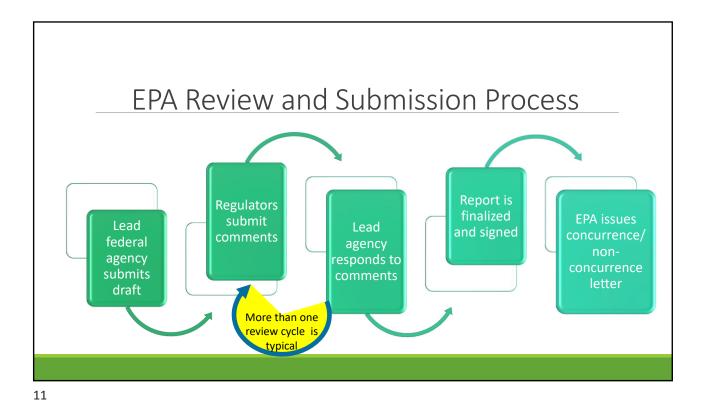


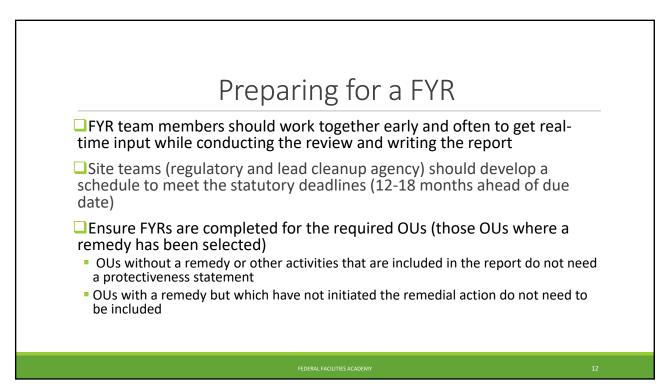




How to Review a FF FYR

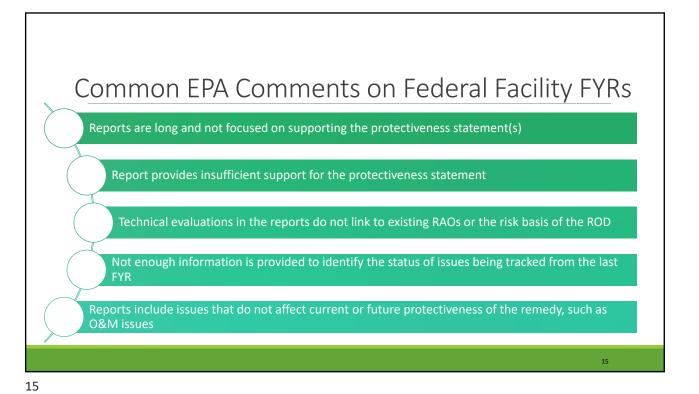


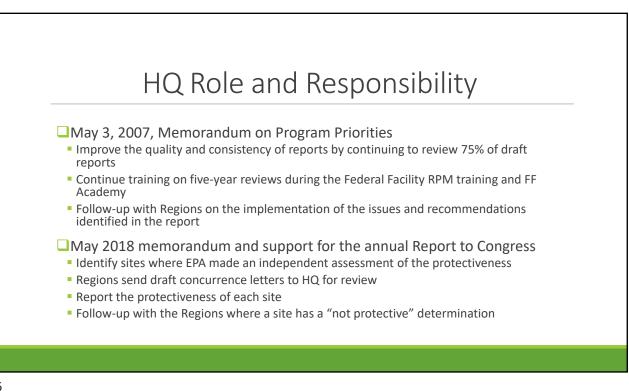


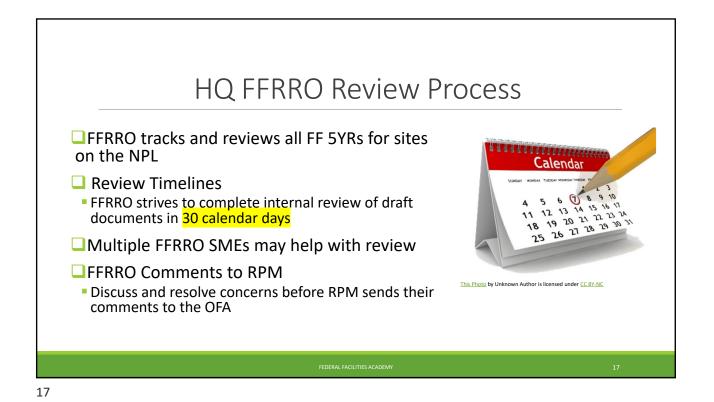


Is there a ROD (interim or final) for this OU? Y Y Y Y Y Y Y Y Statutory review no later than five years after RA start Policy review no later than five years after sitewide construct completion Is there an Action Memo? Y Depends Evaluate at NPL sites where no RA will occur Exceptions: - UU/UE for the first time, after statutory or policy triggers of Completion	Trigger	Y/N	Evaluate?	Review
for this OU? Y Y Policy review no later than five years after sitewide construct completion Is there an Action Memo? Y Depends Evaluate at NPL sites where no RA will occur Does the OU meet Y N Exceptions:		Ν	Ν	Remedy has not been selected and an evaluation is not required
Y Y Policy review no later than five years after sitewide construct completion Is there an Action Memo? Y Depends Evaluate at NPL sites where no RA will occur Does the OU meet Y N Exceptions: - UU/UE for the first time, after statutory or policy triggers reviews or policy trigers revi		Y	Y	Statutory review no later than five years after RA start
Memo? Y Depends Evaluate at NPL sites where no RA will occur Does the OU meet Y N Exceptions: - UU/UE for the first time, after statutory or policy triggers not statutory or policy triggers no			Y	Policy review no later than five years after sitewide construction completion
Does the OU meet Y N - UU/UE for the first time, after statutory or policy triggers i		Y	Depends	Evaluate at NPL sites where no RA will occur
- Where toxicity value changes indicate UU/UE site may no longer be UU/UE		Y	N	 UU/UE for the first time, after statutory or policy triggers met Where toxicity value changes indicate UU/UE site may no











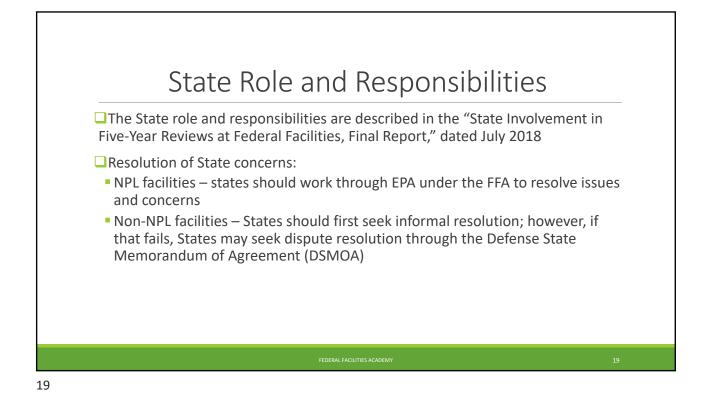
Promoting National Consistency in 5YRs

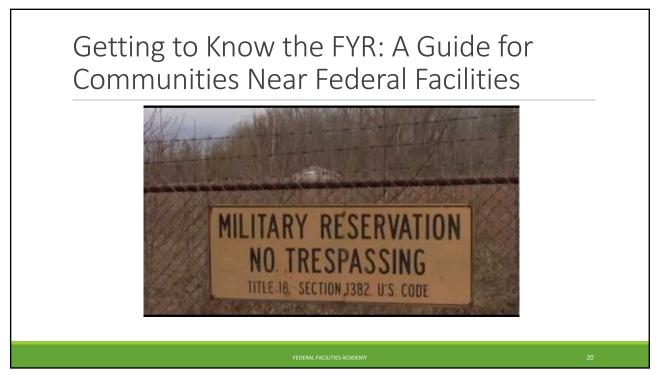
Goal to develop recommendations that are rooted in guidance, are feasible to implement and represent best practices.

Systematic approach to reviews

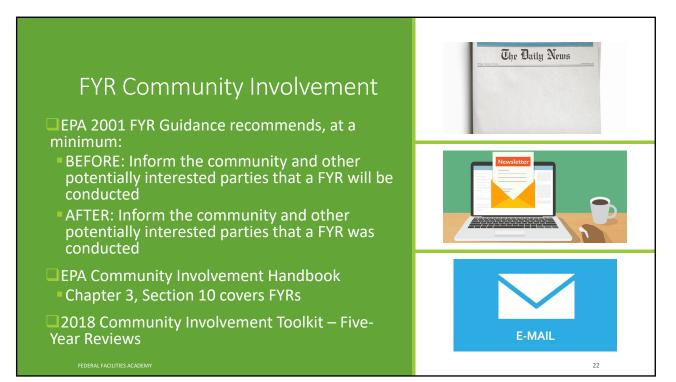
□ FFRRO uses a Standard Operating Procedure (SOP) and review template for HQ review

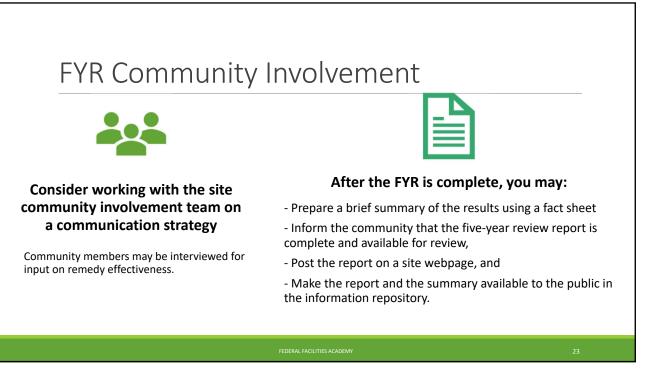
Long Term Effort to analyze results of review to identify trends, gaps and refine best practices and finalize recommendations.

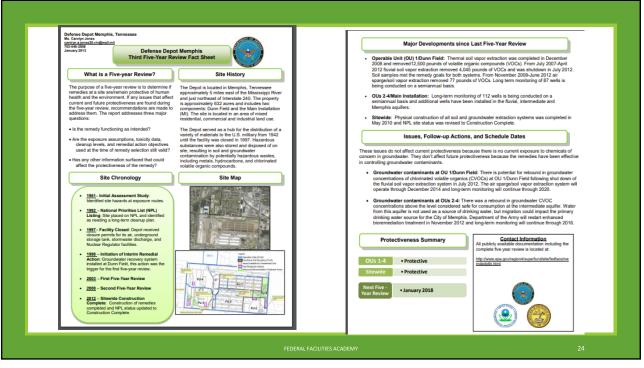




Community Involvement in FF FYRs







Protectiveness Statements

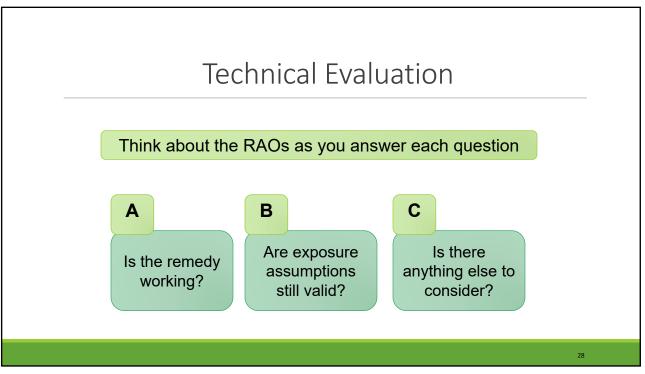
<section-header><section-header><section-header><text><text><text><text><text><text>

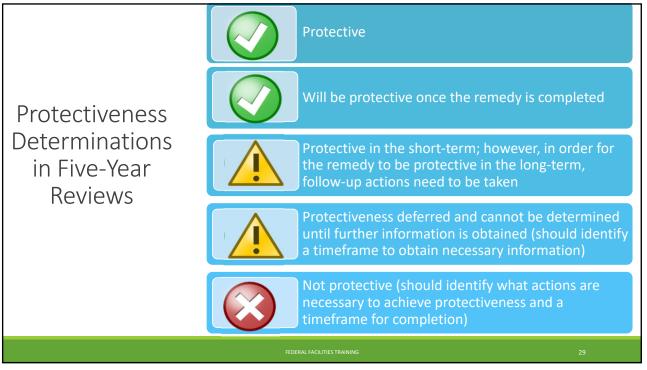
27

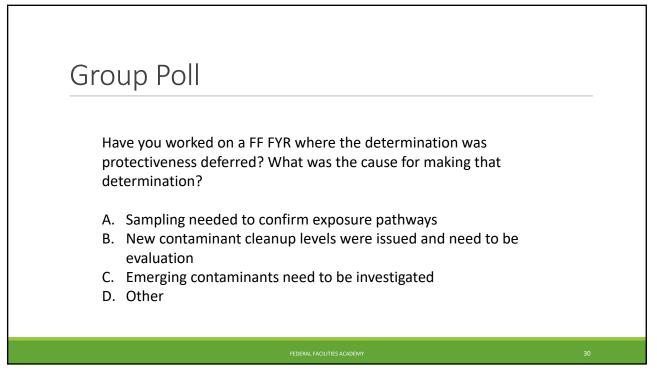
Remedial Action Objectives (RAO) Components **1.** Risk Drivers: media, COCs, pathways, receptors

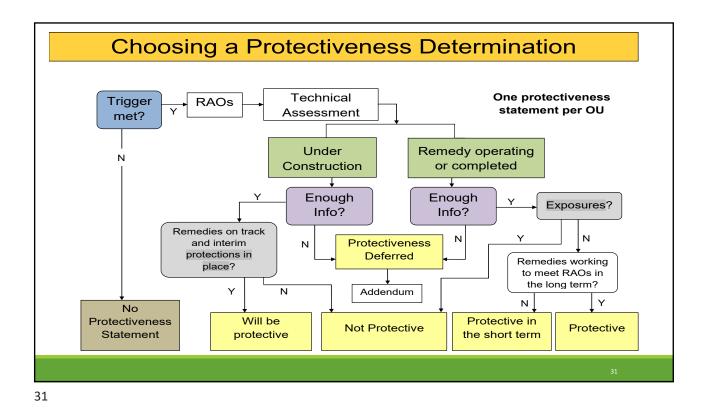
2. Current and future land use

3. Purpose of action: prevent, minimize, eliminate, restore









Apply Your Understanding

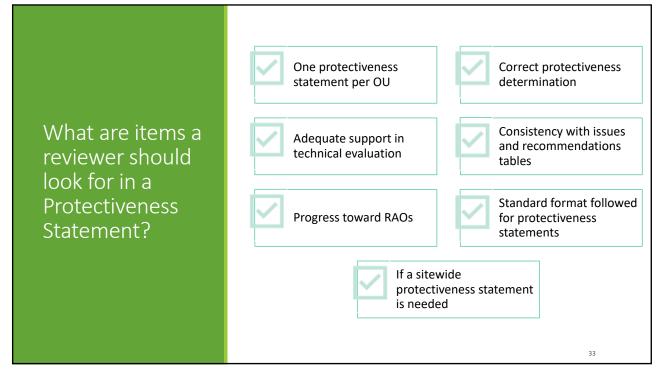
What protectiveness determination should EPA assign this OU?

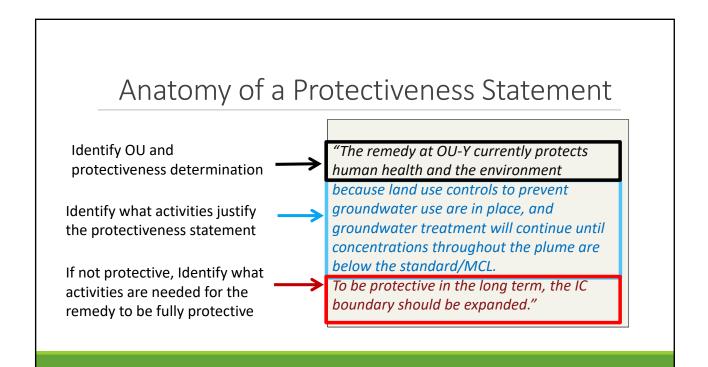
- A. Protective
- B. Protective in the
- short term C. Protectiveness
- deferred
- D. Not protective

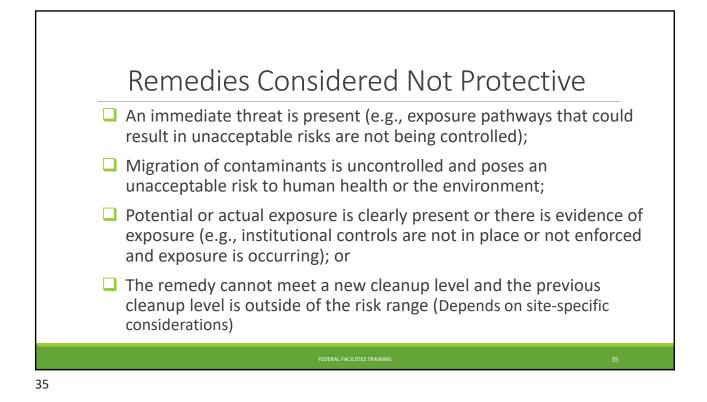
OU 1 is preparing for its second 5YR. The ROD was issued in 2015.

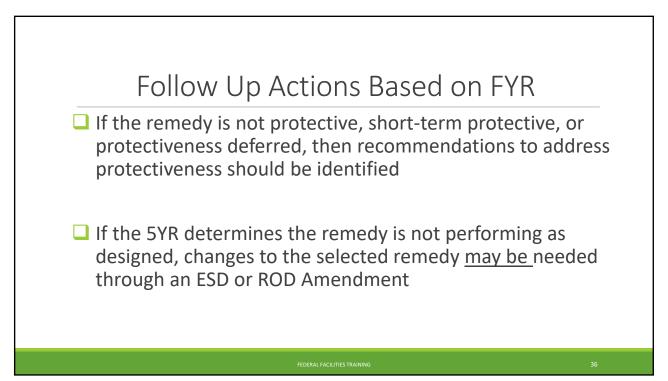
The cleanup level for the primary contaminant of concern (COC) became more stringent in 2022. Based on the existing data, COC concentrations in soil may exceed the new cleanup level.

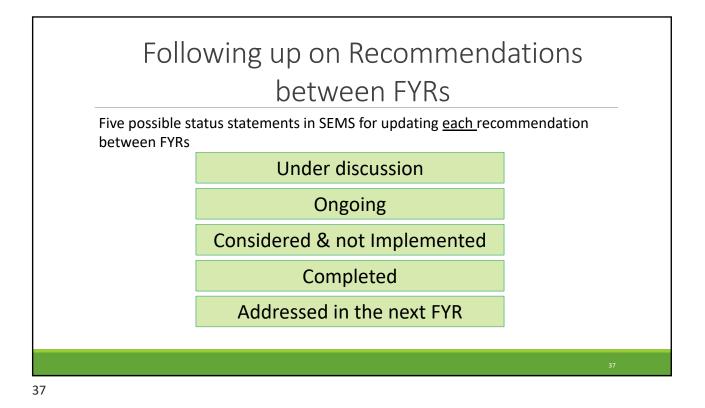
After the RAOs were met, sampling and institutional controls were no longer required for this specific remedy. It is unknown if the groundwater is being used. The other federal agency concludes that the remedy is still protective.

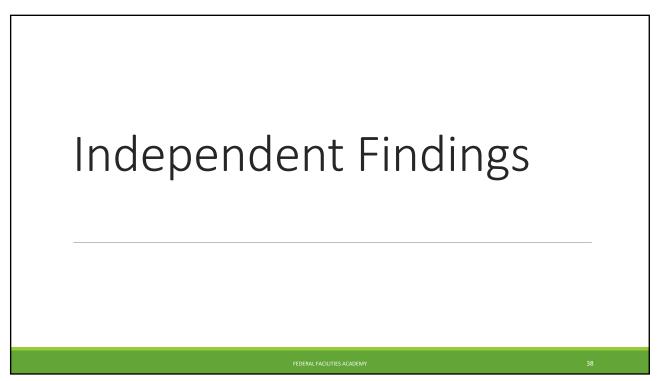


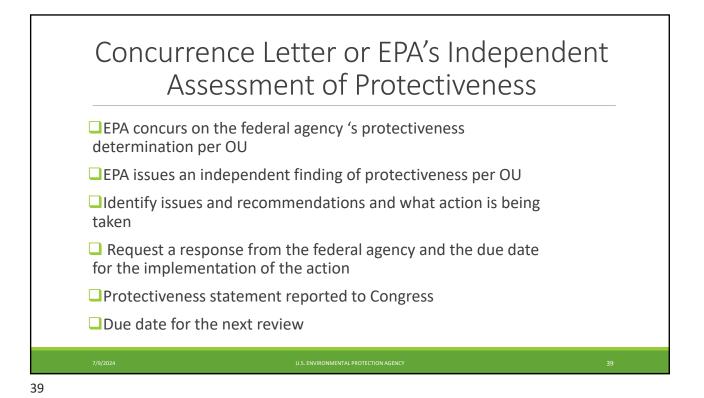


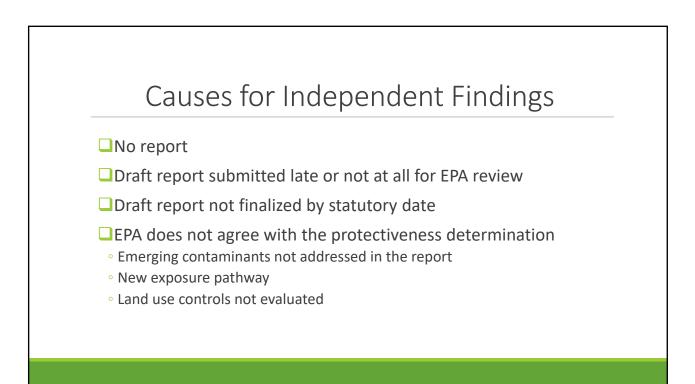






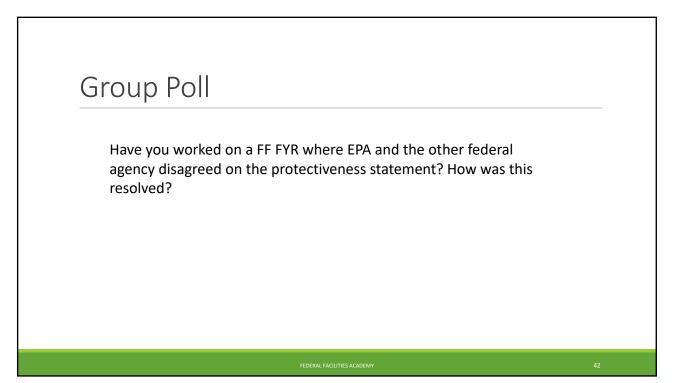












Apply Your Understanding

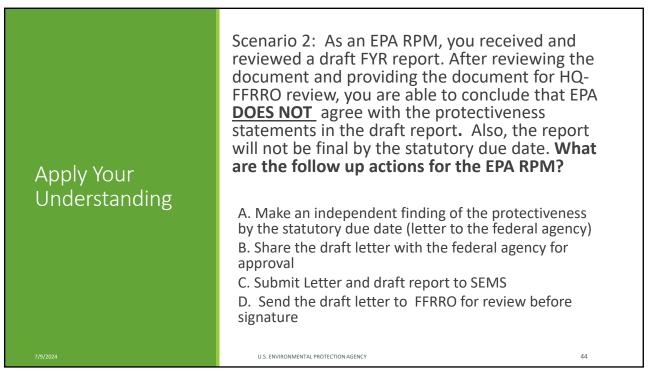
Scenario 1: As an EPA RPM, you received and reviewed a draft FYR report. After reviewing the document and providing the document for HQ-FFRRO review, you are able to concur with the protectiveness statements in the draft report. However, the report will not by final by the statutory due date. What are the follow up actions for the EPA RPM?

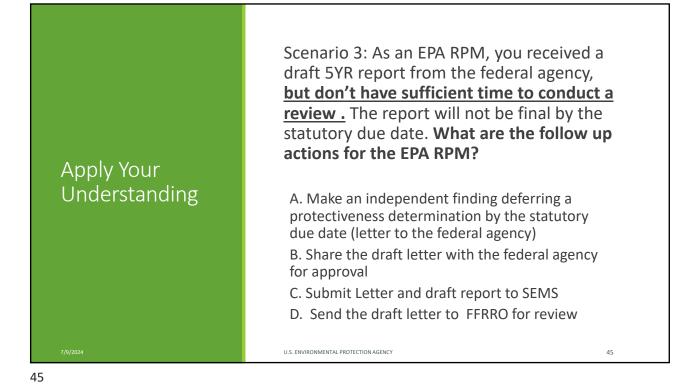
A. Write a concurrence letter agreeing with the federal agency protectiveness determination

B. Identify issues, recommendations, and actions that will be tracked in SEMS

C. Submit Letter and draft report to SEMS

D. Nothing. EPA cannot proceed until the report is finalized.





Scenario 4: The FYR report has been finalized by the statutory due date. In later discussions, the Federal agency expresses it is not willing to implement the recommendations in the FYR report. What are the potential follow up actions for the EPA RPM? A. There is nothing EPA can do Apply Your B. Send a letter to Federal Agency outlining the issues and Understanding recommendations, seeks plan of action and schedule from Federal Agency C. If progress is not made in a reasonable time, consider sending a letter requiring the actions as "additional work" under the Federal Facilities Agreement, subject to dispute resolution D. EPA will do the actions themselves U.S. ENVIRONMENTAL PROTECTION AGENCY 46

Addressing Emerging Contaminants

47

