



# New Mexico Environment Department

**San Juan Generating Station Cleanup – HB 142 (2023):  
Update to Radioactive and Hazardous Materials Committee**

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# San Juan Generating Station (HB 142)

- ❑ Overview of Site
- ❑ NMED FY25 Plan
- ❑ Current Status
- ❑ Timeline







# San Juan Generating Station Site





# San Juan Generating Station Remediation Overview

FY25: \$300k personnel – ~\$4k spent to date      \$560k contracting – Beginning Aug/Sep 24



PHASE I  
ESA

- Evaluate potential environmental contamination risks with records review and interviews
- Budgeting \$25k



PHASE II  
ESA

- Measure and evaluate the scope of potential environmental contamination - Collection of samples
- Budgeting \$TBD, may include multiple iterations



CLEAN-UP  
PLAN

- Set remediation goals and steps for clean-up
- Budgeting \$50k



# San Juan Generating Station Remediation Plan Milestones – Current Progress

- PNM is decommissioning its infrastructure
- PNM is moving final on-site fly ash and coal combustion residuals to mine
- Groundwater measurement data review from PNM reports
- Developing a work plan and preparing information handover with potential contractor partner



# San Juan Generating Station Remediation Plan Milestones – Looking Ahead

## Step 1

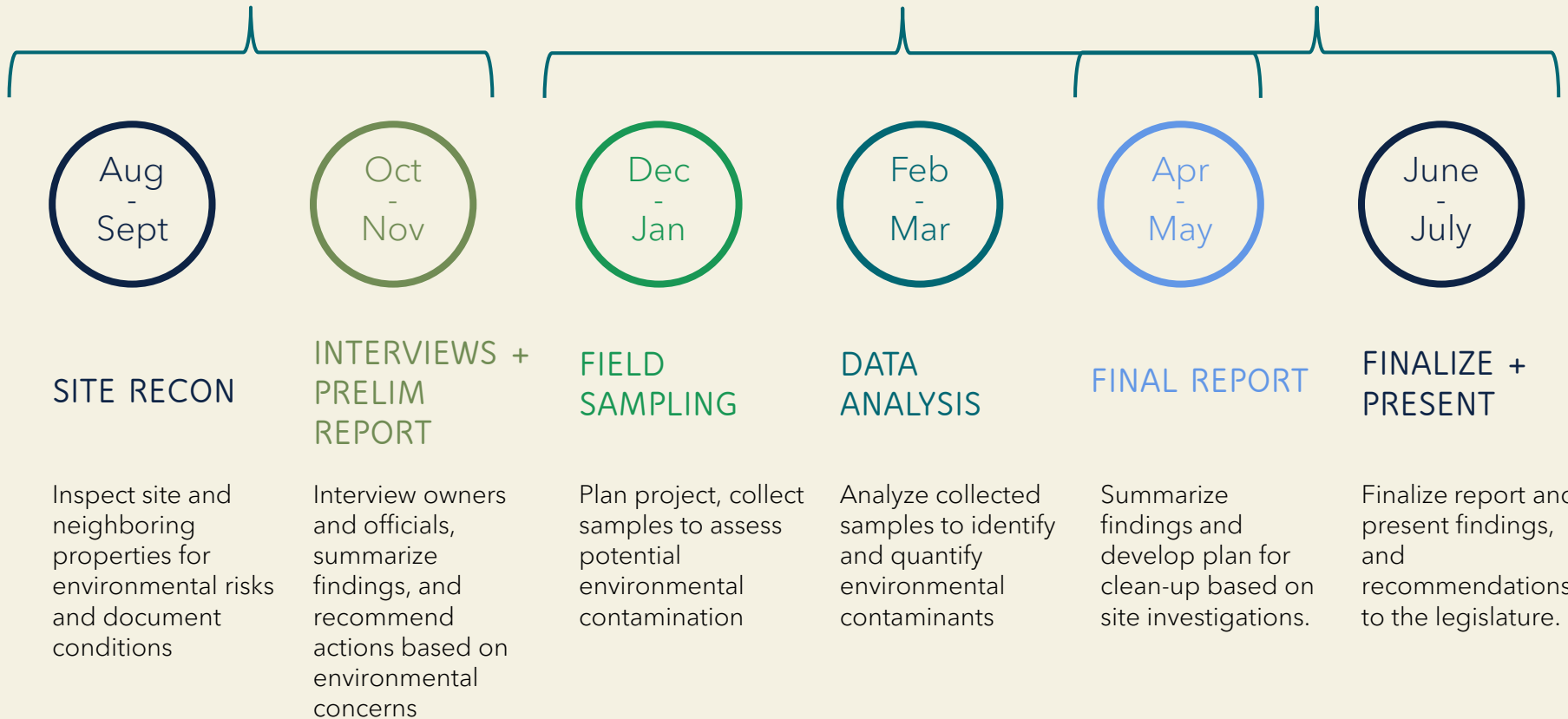
PHASE I ESA

## Step 2

PHASE II ESA

## Step 3

CLEAN-UP PLAN





# San Juan Generating Station Remediation Public Involvement Plan



## INITIAL PUBLIC MEETING

Gather community concerns about potential contamination risks



## SCOPING FEEDBACK

Share testing plans, results, and involve community in understanding contamination scope



## CLEAN-UP PLAN FEEDBACK

Present clean-up goals and actions, and gather public input for remediation strategy



# San Juan Generating Station Remediation PNM's Involvement

Step  
1

PHASE I  
ESA

Facilitate site access and participate in informational interviews about on-site processes.

Step  
2

PHASE II  
ESA

Facilitate site access for groundwater measurement installation and data collection.

Step  
3

CLEAN-UP  
PLAN

Provide feedback on additional remediation needs and identify how to implement the proposed remediation clean-up plan.





# San Juan Generating Station – PNM's Responsibilities

- Total financial assurance to enact the remediation plan through existing Discharge Permits (DP):
  - ▣ DP-306 (solid waste pit) and DP-1327 (SJGS Process wastewater): \$46 million
  - ▣ DP-1843 (Shumway Arroyo Groundwater Recovery System): To be determined at permit renewal (FY25).
- Regulatory Authority Options:
  - ▣ Option 1: Remediation under the DPs (invoke Contingency Plan for source control)
  - ▣ Option 2: Abatement of GW pollution per NMED rule
  - ▣ Both options may be implemented



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QUESTIONS?