

Mac and Black Jack Mines Site
Smith Lake and Mariano Lake Chapters,
Navajo Nation, McKinley County,
New Mexico

2024 Engineering Evaluation /
Cost Analysis (EE/CA)

Administrative Record File

Index

First Released: 10/20/2023

Updated: 02/06/2024

About the Administrative Record

This administrative record file contains the documents that the U.S. Environmental Protection Agency (EPA) is currently using to identify removal activities appropriate to the Mac and Black Jack Mines Site, Smith Lake and Mariano Lake Chapters, Navajo Nation, McKinley County, New Mexico. It is presented in electronic format.

EPA welcomes questions and comments on documents contained in the administrative record file. Please call 1-800-231-3075.

What is an Administrative Record?

An administrative record is a collection of documents that forms the basis for an agency's decision. In this case, EPA will select a removal action to implement at the Site, which will be published in an Action Memorandum after receiving public comments on the Engineering Evaluation/Cost Analysis.

Under section 113(k) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended by the Superfund Amendments and Reauthorization Act (SARA), the U.S. Environmental Protection Agency (EPA) is required to establish an administrative record for every Superfund response action and to make a copy of the administrative record available at or near the site. The administrative record must be reasonably available for public review during normal business hours. Questions regarding the maintenance of the administrative record file should be directed to:

Elaine Chan, Administrative Record Coordinator, U.S. EPA (SFD-7-5), 75 Hawthorne Street, San Francisco, CA 94105-3972, Phone: (415) 972-3128.

Mac and Black Jack Mines Site 2024 Engineering Evaluation / Cost Analysis (EE/CA) Administrative Record Acronyms and Abbreviations

ABBREVIATION	MEANING
AOC	Administrative Order on Consent
ARAR(s)	Applicable or Relevant and Appropriate Requirement(s)
Attch(s)	Attachment(s)
fr	from
Ltr	Letter

Memo	Memorandum
MS	Microsoft
Mtg	Meeting
NNEPA	Navajo Nation Environmental Protection Agency
re	regarding
USEPA	United States Environmental Protection Agency
w/	with
w/o	without

Document ID	Document Date	Title	Author	Addressee
100034879	11/01/2022	Fact Sheet (Draft): Mac & Black Jack Mines cleanup alternatives, November 2022	R09: (Environmental Protection Agency - Region 9)	
100034994	11/07/2022	Draft Engineering Evaluation/Cost Analysis (EE/CA) report, w/appendices A-G	R09: (Stantec Consulting Services Inc)	R09: (Homestake Mining Co of California)
100035000	11/07/2022	Draft Engineering Evaluation/Cost Analysis (EE/CA), w/appendices A-G & comments by A Oppelt	R09: (Stantec Consulting Services Inc)	R09: (Homestake Mining Co of California)
100035001	11/07/2022	Ltr: Transmits & discusses revised Environmental Evaluation/Cost Analysis, w/o attch	R09: Lattin, Daniel (Homestake Mining Co of California)	R09: Phipps, Jacob (Environmental Protection Agency - Region 9)
100035002	12/15/2022	EE/CA questions (questions on draft Environmental Evaluation/Cost Analysis)	R09: (Environmental Protection Agency - Region 9)	
100035003	01/10/2023	Response to EPA questions on draft EE/CA (Environmental Evaluation/Cost Analysis)	R09: (Homestake Mining Co of California)	
100035004	01/26/2023	Ltr: State of New Mexico's comments on Homestake's revised draft EE/CA (Engineering Evaluation/Cost Analysis), dated 11/07/2022	R09: Shepherd, Holland (NM Energy, Minerals & Natural Resources Dept - Mining & Minerals Div), R09: Fox, Joseph (NM Environment Dept)	R09: Oppelt, Alexandra (Environmental Protection Agency - Region 9)
100035005	02/06/2023	Ltr: Requests designation of representative to receive allotment communications and to participate in discussions of allotment issues on behalf of Navajo Nation	R09: Duncan, Will (Environmental Protection Agency - Region 9)	R09: Etsitty, Stephen (Navajo Nation Environmental Protection Agency), R09: Halona, Michael (Navajo Nation Div of Natural Resources)
100035006	02/07/2023	Ltr: Notice to parcel allottees re abandoned uranium mine cleanup, & opportunity to participate in evaluation of clean-up alternatives - transmits fact sheet & announces virtual March 2 meeting, w/o attch	R09: Phipps, Jacob (Environmental Protection Agency - Region 9)	
100035007	03/02/2023	Mtg Notes: EE/CA cleanup alternative call for parcel allottees (03/02/2023 meeting summary)	R09: Crank, Seth (Tetra Tech, Inc)	R09: Phipps, Jacob (Environmental Protection Agency - Region 9), R09: Oppelt, Alexandra (Environmental Protection Agency - Region 9)

Document ID	Document Date	Title	Author	Addressee
100035008	03/02/2023	Memo: Mac & Black Jack and Mariano Lake Uranium Mines EE/CA radiation consultation	R09: Oppelt, Alexandra (Environmental Protection Agency - Region 9)	R09: Walker, Stuart (Environmental Protection Agency - Washington, D C)
100035009	04/04/2023	Email: Transmits comments for draft Environmental Evaluation/Cost Analysis fr USEPA and NNEPA, & MS Word documents (principal threat waste language, ARARs table and language on White Mesa Mill) for inclusion in EE/CA, w/comments table, w/o other attchs	R09: Oppelt, Alexandra (Environmental Protection Agency - Region 9)	R09: Lattin, Daniel (Homestake Mining Co of California)
100035010	04/25/2023	Email: Mac & Black Jack and Mariano Lake Uranium Mines sites EE/CA (Engineering Evaluation/Cost Analysis) radiation consultation, w/history	R09: Salkie, Diane (Environmental Protection Agency - Office of Superfund Remediation & Technology Innovation)	R09: Oppelt, Alexandra (Environmental Protection Agency - Region 9)
100035011	05/04/2023	Email: Summarizes Mac & Black Jack and Mariano Lake Uranium Mine sites on-site waste management radiation consultation, w/history, w/o attch	R09: Walker, Stuart (Environmental Protection Agency - Washington, D C)	R09: Oppelt, Alexandra (Environmental Protection Agency - Region 9)
100035012	05/09/2023	Presentation: EE/CA (Engineering Evaluation/Cost Analysis) workshop for Mac & Black Jack Mines	R09: (Environmental Protection Agency - Region 9)	
100035013	05/26/2023	Ltr: Responses to USEPA & NNEPA comments on revised draft Engineering Evaluation/Cost Analysis (EE/CA) for site, w/attchs	R09: Lattin, Daniel (Homestake Mining Co of California)	R09: Oppelt, Alexandra (Environmental Protection Agency - Region 9)
100035014	06/21/2023	Ltr: Response to Homestake Mining 05/26/2023 letter expressing concerns about requirements for revising draft Engineering Evaluation/Cost Analysis ("EE/CA") in compliance with AOC	R09: Oppelt, Alexandra (Environmental Protection Agency - Region 9)	R09: Lattin, Daniel (Homestake Mining Co of California)
100035015	07/21/2023	Ltr: Submission & discussion of EE/CA (Engineering Evaluation/Cost Analysis), revision 0	R09: Lattin, Daniel (Homestake Mining Co of California)	R09: Oppelt, Alexandra (Environmental Protection Agency - Region 9)
100035016	07/21/2023	Table: Response to Agency comments on Mac & Black Jack Engineering Evaluation/Cost Analysis (EE/CA)	R09: (Homestake Mining Co of California)	
100035017	07/21/2023	Engineering Evaluation/Cost Analysis report, revision 0, w/appendices A-G	R09: (Stantec Consulting Services Inc)	R09: (Homestake Mining Co of California)

Document ID	Document Date	Title	Author	Addressee
100034830	09/29/2023	Engineering Evaluation/Cost Analysis (EE/CA) report, revision 1, w/appendices A-G	R09: (Stantec Consulting Services Inc)	R09: (Homestake Mining Co of California)
100034880	09/29/2023	Ltr: Submission & discussion of final Engineering Evaluation / Cost Analysis (EE/CA) revision 1	R09: Lattin, Daniel (Homestake Mining Co)	R09: Oppelt, Alexandra (Environmental Protection Agency - Region 9)
100035020	09/29/2023	Table: Engineering Evaluation/Cost Analysis - response to Agency comments (redline version)	R09: (Homestake Mining Co of California)	
100034996	10/03/2023	Public Notice: Public comment period for recommended uranium mine cleanup alternative, & invitation to 10/21/2023 public meeting - recommended cleanup alternative for Mariano Lake, Mac and Black Jack, & Ruby abandoned uranium mines (flyer)	R09: (Environmental Protection Agency - Region 9)	
100034998	10/04/2023	Ltr: Notice to parcel allottees re Mariano Lake, Mac and Black Jack, & Ruby mine sites EE/CA recommended cleanup alternative, & invite to 10/22/2023 meeting with allottees, w/fact sheets for Mariano Lake & Mac and Black Jack sites	R09: Oppelt, Alexandra (Environmental Protection Agency - Region 9)	
100034833	10/06/2023	Engineering Evaluation/Cost Analysis (EE/CA) report, revision 2 (incorporating USEPA Region 9 edits to revision 1), w/appendices A-G	R09: (Environmental Protection Agency - Region 9)	
100034864	10/11/2023	List of guidance consulted during selection of clean-up action at site	R09: Oppelt, Alexandra (Environmental Protection Agency - Region 9)	
100034905	10/20/2023	Mac and Black Jack Mines Smith Lake and Mariano Lake Chapters, Navajo Nation, McKinley County, NM 2023 engineering evaluation / cost analysis (EE/CA) administrative record (AR) index	R09: (Environmental Protection Agency - Region 9)	
100034997	10/21/2023	Public Notice: Public comment period for recommended uranium mine cleanup alternative (Mariano Lake, Mac and Black Jack, & Ruby abandoned uranium mine sites) and 10/21/2023 public meeting	R09: (Environmental Protection Agency - Region 9)	

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2024 EE/CA Administrative Record Final Index
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in CHRONOLOGICAL order

Document ID	Document Date	Title	Author	Addressee
100034999	10/22/2023	Postcard: Announcement of public comment period for recommended uranium mine cleanup alternative, & invite to allottee meeting 10/22/2023 (Mariano Lake, Mac and Black Jack, & Ruby mine sites)	R09: (Environmental Protection Agency - Region 9)	
100035766	02/06/2024	Mac and Black Jack Mines Smith Lake and Mariano Lake Chapters, Navajo Nation, McKinley County, NM 2024 engineering evaluation / cost analysis (EE/CA) administrative record (AR) index	R09: (Environmental Protection Agency - Region 9)	