

Newmark Groundwater
Contamination
Newmark and Muscoy Operable Units
(OU-1 and OU-2)
Superfund Site
San Bernardino, California

NPL Site Administrative Record File
Final Record of Decision (ROD)

Index

ROD Date: 08/20/2014

Released: 11/02/2015

About the Administrative Record

The Administrative Record is the compilation of documents that forms the basis for the selection of a particular response action, in this instance, the remedy for the groundwater contamination at the Newmark Superfund Site. These include relevant documents that were relied upon in selecting the response action, as well as relevant documents that were considered but ultimately rejected. It is presented in digital video disk (DVD) format.

This Administrative Record incorporates by reference the Newmark Operable Unit Administrative Record, first released October 1991, and the Muscoy Plume Operable Unit Administrative Record, first released December 1994, both updated August 24, 2004.

EPA welcomes questions and comments on documents contained in the administrative record file. Please contact:

Mariam Fawaz
Remedial Project Manager
U.S. EPA (SFD-7-3)
75 Hawthorne Street
San Francisco, CA 94105-3972
(415) 972-3078
fawaz.mariam@epa.gov

or: Carlin Hafiz
Community Involvement Coordinator
U.S. EPA (SFD-6-3)
600 Wilshire Blvd. Suite 1460
Los Angeles, CA 90017
(213) 224-1814 or (800) 231-3075
hafiz.carlin@epa.gov

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 the selection of a response action at a Superfund site. This does not mean that only documents that support a response decision are placed in the administrative record. Relevant documents that were relied upon in selecting the response action, as well as relevant documents that were considered but ultimately rejected, are included. The administrative record also acts as a vehicle for public participation in selecting a response action.

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.

How to obtain copies of administrative record documents:

Individuals may copy any documents contained in the administrative record file according to the procedures at the local repository or request a copy of the DVD by calling the Regional Records Center at 415-947-8717.

**Newmark Groundwater Contamination Superfund Site
Newmark OU & Muscoy OU Final ROD Administrative Record, Update #1
Acronyms and Abbreviations**

ABBREVIATION	MEANING
Apps	Appendices
Attch(s)	attachments
Dept	Department
DTSC	Dept of Toxic Substances Control
encl	Enclosure
EPA	Environmental Protection Agency
fr	From
Ltr	Letter
mgt	Management
Mtg	Meeting
Memo	Memorandum
OU	Operable Unit
QAPP	Quality Assurance Project Plan
re	regarding
rev	revised
RI/FS	Remedial Investigation/Feasibility Study
ROD(s)	Record(s) of Decision
rpt(s)	Report(s)
SAP	Sampling & Analysis Plan
SOW	Statement of Work
TL	Transmittal Letter

US	United States
vs	Versus
w/	With
w/o	Without
yr	Year

This administrative record is available for viewing at the Regional Records Center in San Francisco, and at the John M. Pfau Library, CA State San Bernardino, 5500 University Parkway, PL401, San Bernardino, CA 92415.

Document ID	Document Date	Title	Author	Addressee
99536	12/30/1999	Water supply permit #03-13-99P-002, w/attchs	R09: (CA Dept of Health Services)	R09: (City of San Bernardino)
2030542	8/9/2004	Explanation of significant differences (ESD) to 1993 & 1995 interim RODs	R09: Adams, Elizabeth (Environmental Protection Agency - Region 9)	
2030543	8/10/2004	Consent decree #CV 96-8867 (MRP) & #CV 96-5205 (MRP) (consolidated) for recovery of costs & remedial action, City of San Bernardino vs USA & State on behalf of DTSC vs USA, w/apps A-J	R09: (US Dept of Justice - Environment & Natural Resources Div)	
1145593	11/4/2004	Permit amendment #4 (amendment to Domestic Water Supply Permit 03-13-99P-002, issued to Municipal Water Dept), w/appendices	R09: (CA Dept of Health Services)	R09: (City of San Bernardino - Water Dept)
1144421	8/17/2006	City of San Bernardino Board of Water Commissioners public utilities ordinance	R09: (City of San Bernardino - Board of Water Commissioners)	
1145595	5/14/2007	Permit amendment 05-13-07PA-013 (amendment to Domestic Water Supply Permit 03-13-99P-002, issued to Municipal Water Dept), w/attch & TL to S Aldstadt fr S McCarthy	R09: (CA Dept of Health Services)	R09: (City of San Bernardino - Water Dept)
1146481	9/1/2007	Long-term groundwater monitoring optimization, Newmark, Muscoy & Source OUs, w/appendices	R09: (Environmental Protection Agency - Region 9)	
2218937	9/28/2007	Ltr: Final operational & functional (O&F) determination, Muscoy OU, w/attch	R09: Hoang, Kim (Environmental Protection Agency - Region 9)	R09: Holmes, Greg (CA Environmental Protection Agency - Dept of Toxic Substances Control), R09: Aldstadt, Stacey (City of San Bernardino - Water Dept)
1146459	10/2/2007	Ltr: Summary of operational & functional data fr performance period of 8/05-3/07, Muscoy OU, w/attchs	R09: Hoang, Kim (Environmental Protection Agency - Region 9)	R09: Holmes, Greg (CA Environmental Protection Agency - Dept of Toxic Substances Control), R09: Aldstadt, Stacey (City of San Bernardino - Water Dept)

Document ID	Document Date	Title	Author	Addressee
2218980	1/1/2008	Final rpt of findings fr soil gas data gaps investigation, site source OU RI/FS, w/attchs A-D & TL to C Lichens fr D Bane 1/3/08	R09: (U R S Group, Inc)	R09: (Environmental Protection Agency - Region 9)
1114191	9/25/2008	1st 5-yr review rpt for site, w/Appendices A - G	R09: (Environmental Protection Agency - Region 9)	
1146457	10/14/2009	Final operation & maintenance plan, Muscoy & Newmark OUs, revised, w/TL to K Hoang & S Niou fr M Litchfield	R09: (City of San Bernardino - Water Dept)	R09: Holmes, Greg (CA Environmental Protection Agency - Dept of Toxic Substances Control), R09: Aldstadt, Stacey (City of San Bernardino - Water Dept)
1146455	10/16/2009	Final QAPP, Newmark & Muscoy OU interim remedial actions, w/TL to K Hoang & S Niou & appendix	R09: Eisen, Mark (Stantec Consulting Inc)	R09: Niou, Stephen (CA Environmental Protection Agency - Dept of Toxic Substances Control), R09: Hoang, Kim (Environmental Protection Agency - Region 9), R09: Aldstadt, Stacey (City of San Bernardino - Water Dept)
1146456	10/16/2009	Final baseline mitigation plan, Newmark & Muscoy OU interim remedial actions, w/TL to K Hoang & S Niou & appendices A-D	R09: Eisen, Mark (Stantec Consulting Inc)	R09: Niou, Stephen (CA Environmental Protection Agency - Dept of Toxic Substances Control), R09: Hoang, Kim (Environmental Protection Agency - Region 9), R09: Aldstadt, Stacey (City of San Bernardino - Water Dept)
1146458	10/16/2009	Final operational SAP, Newmark & Muscoy OU interim remedial actions, w/TL to K Hoang & S Niou & appendix	R09: Eisen, Mark (Stantec Consulting Inc)	R09: Niou, Stephen (CA Environmental Protection Agency - Dept of Toxic Substances Control), R09: Hoang, Kim (Environmental Protection Agency - Region 9), R09: Aldstadt, Stacey (City of San Bernardino - Water Dept)
2292395	11/6/2009	Compact Disc: San Bernardino Basin area refined basin flow model & solute transport model rpt, 9/30/09 (rev 11/6/09), w/appendices A-D	R09: (Geoscience Support Services, Inc)	R09: (San Bernardino Valley Municipal Water District)
1144074	6/30/2010	Institutional controls groundwater mgt program agreement, w/exhibits A-E		

Document ID	Document Date	Title	Author	Addressee
1145596	3/15/2011	Permit amendment 05-13-11PA-019 (amendment to Domestic Water Supply Permit 03-13-99P-002, issued to Municipal Water Dept), w/attchs & TL to S Aldstadt fr S McCarthy	R09: (CA Dept of Health Services)	R09: (City of San Bernardino - Water Dept)
1145594	6/1/2012	Permit amendment 05-13-12PA-026 (amendment to Domestic Water Supply Permit 03-13-99P-002, issued to Municipal Water Dept), w/attch & TL to S Aldstadt fr S McCarthy	R09: (CA Dept of Health Services)	R09: (City of San Bernardino - Water Dept)
1140986	9/27/2013	2nd 5-year review rpt for site, w/apps A-H (00 5-year review 002)	R09: (Environmental Protection Agency - Region 9)	
1146483	3/3/2014	Progress rpt for site remedial action - Newmark OU/Muscoy OU semi-annual rpt #47 - 2nd semi-annual 2013 (July-December), w/TL to S Niou & M Fawaz fr M Litchfield & appendices A-E	R09: (City of San Bernardino - Water Dept)	
1146482	5/1/2014	Muscoy Plume extraction well network status rpt & mitigation plan, w/TL 5/15/14 & appendices A-L	R09: Eisen, Mark (Stantec Consulting Inc)	R09: Niou, Stephen (CA Environmental Protection Agency - Dept of Toxic Substances Control), R09: Fawaz, Mariam (Environmental Protection Agency - Region 9), R09: Aldstadt, Stacey (City of San Bernardino - Water Dept)
1149734	5/14/2014	Ltr: Discusses & transmits 4/14 monthly summary treatment rpts, w/attchs	R09: Litchfield, Matthew (City of San Bernardino - Water Dept)	R09: Pauli, Brenda (CA Dept of Public Health - Drinking Water Field Operations Branch)
1149733	5/15/2014	Ltr: Discusses & transmits amended 4/14 monthly summary treatment rpts, w/attchs	R09: Litchfield, Matthew (City of San Bernardino - Water Dept)	R09: Pauli, Brenda (CA Dept of Public Health - Drinking Water Field Operations Branch)
1145781	5/19/2014	Ltr: Comments of City of San Bernardino Municipal Water Dept concerning draft Source OU proposed remedial action plan announcement	R09: Randle, Russell (Patton Boggs (Attorneys))	R09: Estrada, Thelma (Environmental Protection Agency - Region 9)

Document ID	Document Date	Title	Author	Addressee
1151965	5/19/2014	(Redacted) Technical Memo (Final): Source identification, plume delineation, restoration timeframe estimation & transition fr interim to final remedy, w/tables, figures & appendices, w/o compact disc	R09: (Environmental Protection Agency - Office of Solid Waste & Emergency Response), R09: (Environmental Protection Agency - Office of Superfund Remediation & Technology Innovation)	
2296755	5/19/2014	Technical Memo (Final): Source identification, plume delineation, restoration timeframe estimation & transition fr interim to final remedy, w/tables, figures & appendices (compact disc only - appendix B)	R09: (Environmental Protection Agency - Office of Solid Waste & Emergency Response), R09: (Environmental Protection Agency - Office of Superfund Remediation & Technology Innovation)	
2306060	5/22/2014	Ltr: Requests copy of draft technical memo referenced in draft proposed plan	R09: Litchfield, Matthew (City of San Bernardino - Water Dept)	R09: Fawaz, Mariam (Environmental Protection Agency - Region 9)
1149744	6/11/2014	Ltr: Discusses & transmits 5/14 monthly summary treatment rpts, w/attchs	R09: Litchfield, Matthew (City of San Bernardino - Water Dept)	R09: Pauli, Brenda (CA Dept of Public Health - Drinking Water Field Operations Branch)
1145778	7/1/2014	Public Notice: EPA seeks public comments on its proposed final groundwater cleanup plan - public meeting to be held 8/13/14 (postcard)	R09: (Environmental Protection Agency - Region 9)	
1145779	7/1/2014	Fact Sheet: US EPA proposes final cleanup plan	R09: (Environmental Protection Agency - Region 9)	
1145780	7/15/2014	Ltr: Brief comments of City of San Bernardino Municipal Water Dept concerning draft final Source OU proposed remedial action plan announcement, w/encl	R09: Randle, Russell (Squire Patton Boggs (Attorneys))	R09: Estrada, Thelma (Environmental Protection Agency - Region 9)

Document ID	Document Date	Title	Author	Addressee
1149743	7/15/2014	Ltr: Discusses & transmits 6/14 monthly summary treatment rpts, w/attchs	R09: Litchfield, Matthew (City of San Bernardino - Water Dept)	R09: Pauli, Brenda (CA Dept of Public Health - Drinking Water Field Operations Branch)
1145782	7/22/2014	Ltr: No further comments on draft final proposed plans	R09: Niou, Stephen (CA Environmental Protection Agency - Dept of Toxic Substances Control)	R09: Fawaz, Mariam (Environmental Protection Agency - Region 9)
1145785	7/24/2014	List of US EPA guidance documents consulted during development & selection of response action for site	R09: (Environmental Protection Agency - Region 9)	
1150341	7/31/2014	Public Notice: EPA seeks public comments on its proposed final groundwater cleanup plan, & invitation to 8/13/14 public meeting	R09: (Environmental Protection Agency - Region 9)	R09: (San Bernardino County Sun (Newspaper))
2302773	8/13/2014	Reporter's transcript of oral proceeding - proposed plan public meeting, 8/13/14 (signed)	R09: Gillespie, Judith (Personal Court Reporters, Inc)	
1149742	8/19/2014	Ltr: Discusses & transmits 7/14 monthly summary treatment rpts, w/attchs	R09: Litchfield, Matthew (City of San Bernardino - Water Dept)	R09: Pauli, Brenda (CA Dept of Public Health - Drinking Water Field Operations Branch)
1149747	8/19/2014	Ltr: 1st semi-annual progress rpt (#48) for Newmark OU /Muscoy OU, w/attchs	R09: Litchfield, Matthew (City of San Bernardino - Water Dept)	R09: Niou, Stephen (CA Environmental Protection Agency - Dept of Toxic Substances Control), R09: Fawaz, Mariam (Environmental Protection Agency - Region 9)
1149735	9/11/2014	Ltr: Discusses & transmits 8/14 monthly summary treatment rpts, w/attchs	R09: Litchfield, Matthew (City of San Bernardino - Water Dept)	R09: Pauli, Brenda (CA Dept of Public Health - Drinking Water Field Operations Branch)
1149736	9/11/2014	Ltr: Discusses & transmits 8/14 monthly summary treatment rpts, w/attchs	R09: Litchfield, Matthew (City of San Bernardino - Water Dept)	R09: Pauli, Brenda (CA Dept of Public Health - Drinking Water Field Operations Branch)
1148623	9/25/2014	Ltr: Comments on final draft Record of Decision for Newmark & Muscoy OUs, w/email TL fr S Duran	R09: Litchfield, Matthew (City of San Bernardino - Water Dept)	R09: Fawaz, Mariam (Environmental Protection Agency - Region 9)

Document ID	Document Date	Title	Author	Addressee
1146511	9/29/2014	Ltr: DTSC concurs with selected remedy & has no further comments on final ROD for Newmark & Muscoy OUs	R09: Senga, Robert (CA Environmental Protection Agency - Dept of Toxic Substances Control)	R09: Fawaz, Mariam (Environmental Protection Agency - Region 9)
2306061	10/6/2014	Ltr: Language EPA is proposing for section 12.2.5 in final Record of Decision (ROD) for Newmark & Muscoy OUs (Groundwater Completion Requirements)	R09: Hiett, Richard (Environmental Protection Agency - Region 9)	R09: Randle, Russell (Squire Patton Boggs (Attorneys))
1146623	10/10/2014	List of US EPA guidance documents consulted during development & selection of response action for site	R09: (Environmental Protection Agency - Region 9)	
1149748	10/15/2014	Ltr: Discusses & transmits 9/14 monthly summary treatment rpts, w/attchs	R09: Litchfield, Matthew (City of San Bernardino - Water Dept)	R09: Pauli, Brenda (CA Dept of Public Health - Drinking Water Field Operations Branch)
1149739	11/1/2014	Final SAP/QAPP addendum, semiannual groundwater sampling, w/appendices	R09: (C B & I)	R09: (Environmental Protection Agency - Region 9)
1149737	11/12/2014	Cajon well permit	R09: (San Bernardino County - Dept of Public Health)	R09: (Cajon Creek, L L C)
1149746	11/14/2014	Ltr: Discusses & transmits 10/14 monthly summary treatment rpts, w/attchs	R09: Litchfield, Matthew (City of San Bernardino - Water Dept)	R09: Pauli, Brenda (CA Dept of Public Health - Drinking Water Field Operations Branch)
1149745	12/11/2014	Ltr: Discusses & transmits 11/14 monthly summary treatment rpts, w/attchs	R09: Litchfield, Matthew (City of San Bernardino - Water Dept)	R09: Pauli, Brenda (CA Dept of Public Health - Drinking Water Field Operations Branch)
1149749	12/12/2014	Well completion rpt (permit 2014D11721)	R09: (Legend Pump & Well Service, Inc)	R09: (CA Dept of Water Resources)
1149740	1/8/2015	Email: Extremely impaired sources & treatment removal details - please note new email address, w/history	R09: Pauli, Brenda (CA Water Resources Control Board - Div of Drinking Water)	R09: Fawaz, Mariam (Environmental Protection Agency - Region 9)

Document ID	Document Date	Title	Author	Addressee
1149741	1/8/2015	Email: Well completion rpt & Cajon well permit for municipal well 201, w/history, w/o attchs	R09: Sanford, Chris (Hillwood Investment Properties)	R09: Fawaz, Mariam (Environmental Protection Agency - Region 9)
1148624	1/12/2015	Email: Proposal for 1/28 meeting before issuing revised ROD for comment - requests confirmation, w/history	R09: Randle, Russell (Squire Patton Boggs (Attorneys))	R09: Fawaz, Mariam (Environmental Protection Agency - Region 9), R09: Hiett, Richard (Environmental Protection Agency - Region 9), R09: Estrada, Thelma (Environmental Protection Agency - Region 9)
1149738	1/14/2015	Ltr: Dec 2014 monthly summary treatment rpts, w/attchs	R09: Litchfield, Matthew (City of San Bernardino - Water Dept)	R09: Pauli, Brenda (CA Water Resources Control Board - Div of Drinking Water)
1148627	1/15/2015	Email: Suggested certification of completion language for ROD	R09: Randle, Russell (Squire Patton Boggs (Attorneys))	R09: Fawaz, Mariam (Environmental Protection Agency - Region 9), R09: Hiett, Richard (Environmental Protection Agency - Region 9), R09: Estrada, Thelma (Environmental Protection Agency - Region 9)
1149914	2/25/2015	Email: Replies to email re language EPA proposes for ROD & requesting mtg with D Minor & J Lyons, w/history	R09: Randle, Russell (Squire Patton Boggs (Attorneys))	R09: Estrada, Thelma (Environmental Protection Agency - Region 9 Office of Regional Counsel)
1149913	3/23/2015	Email: Replies to email re language EPA proposes for ROD, w/history	R09: Randle, Russell (Squire Patton Boggs (Attorneys))	R09: Estrada, Thelma (Environmental Protection Agency - Region 9 Office of Regional Counsel)
1149912	4/16/2015	Email: Comments on response to proposed ROD language, w/history	R09: Estrada, Thelma (Environmental Protection Agency - Region 9 Office of Regional Counsel)	R09: Randle, Russell (Squire Patton Boggs (Attorneys))
2327009	8/20/2015	Record of decision (ROD), Newmark & Muscoy OUs, 8/15, w/apps A-C (01 ROD) (02 ROD)	R09: (Environmental Protection Agency - Region 9)	