

Elizabeth Mine
NPL Superfund Site

Administrative Record Index
for
the Draft Second Explanation of
Significant Differences (ESD) for Public
Comment

Index

Draft ESD Released Date: July 2015

Prepared by
EPA New England
Office of Site Remediation & Restoration

Introduction to the Collection

This is the Administrative Record Index for the Draft Second Explanation of Significant Differences (ESD) for Operable Unit (OU) 01, Phase 2 Remedial Action (RA) for Public Comment for the Elizabeth Mine Superfund Site in Strafford, Vermont. The Draft ESD will be out for a public comment on July 2015. Section I of the Index cites site-specific documents, and Section II cites guidance documents used by the EPA staff in selecting a response action at the site.

This Administrative Record incorporates, by reference, the Administrative Record for the Non-Time Critical Removal Action (NTCRA) for Elizabeth Mine, Operable Unit One (OU) 1 Administrative Record issued on September 12, 2002 with an Action Memorandum Signed on September 03, 2002, the Administrative Record for the Removal Action, issued on May 2003 with an Action Memorandum Signed on May 14, 2003, the Administrative Record for the Record of Decision (ROD) dated on September 28, 2006, the Administrative Record for the Declaration of Explanation of Significant Differences (ESD) dated September 26, 2008, and the Administrative Record for the Amended Non-Time Critical Removal Action (NTCRA) with an Action Memorandum Signed on February 09, 2012.

The administrative record file is available for review at:

EPA New England Office of
Site Remediation & Restoration
5 Post Office Square, Suite 100 (OSRR02-3)
Boston, MA 02109-3912
617-918-1440 (phone)
617-918-0440 (fax)
www.epa.gov/region01/superfund/resource/records.htm

Norwich Public Library
368 Main Street
Norwich, VT 05055
(802) 649-1184 (phone)
(802) 649-3470 (Fax)
<http://www.norwichlibrary.org>

An administrative record file is required by the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended by the Superfund Amendments and Reauthorization Act (SARA).

Please note that the compact disc(s) (CD) containing this Administrative Record may include index data and other metadata (hereinafter collectively referred to as metadata) to allow the user to conduct index searches and key word searches across all the files contained on the CD. All the information that appears in the metadata, including any dates associated with creation of the

indexing data, is not part of the Administrative Record for the Site under CERCLA and shall not be construed as relevant to the documents that comprise the Administrative Record. This metadata is provided as a convenience for the user and is not part of the Administrative Record.

Questions about this administrative record file should be directed to the EPA New England site manager.

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Phase 05: RECORD OF DECISION (ROD)

259304 RECORD OF DECISION (ROD) SUMMARY				# of Pages: 255
				Doc Date: 09/28/2006
Author: , US EPA REGION 1	Addressee:	Doc Type: DECISION DOCUMENT RECORD OF DECISION (ROD) REPORT	File Break: 05.04 Access Type(s): REL	
259305 RECORD OF DECISION RESPONSIVENESS SUMMARY				# of Pages: 10
				Doc Date: 09/28/2006
Author: , US EPA REGION 1	Addressee:	Doc Type: DECISION DOCUMENT RECORD OF DECISION (ROD) REPORT	File Break: 05.03 Access Type(s): REL	
295425 DECLARATION FOR THE EXPLANATION OF SIGNIFICANT DIFFERENCES (ESD) FOR OPERABLE UNIT ONE (OU1)				# of Pages: 26
				Doc Date: 09/26/2008
Author: , US EPA REGION 1	Addressee:	Doc Type: DECISION DOCUMENT EXP SIGNIFICANT DIFF (ESD) REPORT	File Break: 05.04 Access Type(s): REL	

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Phase 05: RECORD OF DECISION (ROD)

577639 DRAFT DECLARATION FOR EXPLANATION OF SIGNIFICANT DIFFERENCES (ESD) FOR PUBLIC COMMENT

of Pages: 49

Doc Date: 06/01/2015

Author: , US EPA REGION 1

Addressee:

Doc Type: DECISION DOCUMENT
EXP SIGNIFICANT DIFF (ESD)
REPORT

File Break: 05.04

**Access
Type(s):** REL

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Phase 06: REMEDIAL DESIGN (RD)

565442	BASIS OF DESIGN REPORT: PHASE 2 REMEDIAL ACTION (RA), LORD BROOK SOURCE AREAS, REMEDIAL DESIGN (RD) FINAL SUBMITTAL			# of Pages: 950
				Doc Date: 09/01/2014
Author: , AMEC ENVIRONMENT AND INFRASTRUCTURE INC	Addressee: , NEW ENGLAND DISTRICT US ARMY CORPS OF ENGINEERS	Doc Type: REMEDIAL DESIGN 100% APPF REMEDIAL DESIGN REPORT REPORT	File Break: 06.04 Access Type(s): REL	
577632	APPENDIX O COST ESTIMATE: PHASE 2 REMEDIAL ACTION (RA), LORD BROOK SOURCE AREAS, REMEDIAL DESIGN (RD) FINAL COST ESTIMATE NARRATIVE, REVISION 1			# of Pages: 56
				Doc Date: 06/08/2015
Author: , AMEC ENVIRONMENT AND INFRASTRUCTURE INC	Addressee:	Doc Type: REMEDIAL DESIGN 100% APPF REMEDIAL DESIGN REPORT REPORT	File Break: 06.04 Access Type(s): REL	

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Phase 07: REMEDIAL ACTION (RA)

Phase 07: REMEDIAL ACTION (RA)			
574352 PUBLIC MEETING PRESENTATION REGARDING OPERABLE UNIT (OU) 1 PHASE 1 FIVE -YEAR REVIEW AND PHASE 2 REMEDIAL ACTION (RA)			# of Pages: 23 Doc Date: 05/18/2014
Author: , US EPA REGION 1	Addressee:	Doc Type: MEETING RECORD PUBLIC INFORMATION	File Break: 07.01 Access Type(s): REL
577675 ASSESSMENT OF BIOLOGICAL INTEGRITY OF AQUATIC MACROINVERTEBRATE COMMUNITIES FROM INTERMITTENT SMALL TRIBUTARIES TO LORDS BROOK ORIGINATING FROM SOUTH CUT AND SOUTH MINE OF ELIZABETH MINE			# of Pages: 10 Doc Date: 01/18/2014
Author: , VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION	Addressee:	Doc Type: REPORT	File Break: 07.05 Access Type(s): REL
580287 LETTER REGARDING TRUSTEE NOTIFICATION AND REQUEST FOR COMMENT CONCERNING CHANGES TO PHASE 2 REMEDIAL ACTION (RA)			# of Pages: 1 Doc Date: 07/15/2015
Author: EDWARD HATHAWAY, US EPA REGION 1	Addressee: ANDREW RADDANT, US DEPT OF INTERIOR	Doc Type: CORRESPONDENCE LETTER	File Break: 07.01 Access Type(s): REL

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Phase 07: REMEDIAL ACTION (RA)

580288 LETTER REGARDING TRUSTEE NOTIFICATION AND REQUEST FOR COMMENT CONCERNING CHANGES TO PHASE 2 REMEDIAL ACTION (RA)				# of Pages: 1
				Doc Date: 07/15/2015
Author: EDWARD HATHAWAY, US EPA REGION 1	Addressee: KENNETH FINKELSTEIN, US NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	Doc Type: CORRESPONDENCE LETTER	File Break: 07.01	
				Access Type(s): REL
580289 LETTER REGARDING ENDANGERED SPECIES CONSULTATION AND REQUEST FOR CONCURRENCE ON CHANGES FOR PHASE 2 REMEDIAL ACTION (RA)				# of Pages: 2
				Doc Date: 07/15/2015
Author: EDWARD HATHAWAY, US EPA REGION 1	Addressee: SUSI VON OETTINGEN, US DEPT OF INTERIOR - FISH & WILDLIFE SERVICE	Doc Type: CORRESPONDENCE LETTER	File Break: 07.01	
				Access Type(s): REL

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Phase 08: POST REMEDIAL ACTION

538671 FIRST FIVE YEAR REVIEW REPORT

of Pages: 587

Doc Date: 09/12/2014

Author: , US EPA REGION 1

Addressee:

Doc Type: FIVE YEAR REVIEW RPT & API
REPORT

File Break: 08.03

**Access
Type(s):** REL

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Phase 13: COMMUNITY RELATIONS

577651 2013 SUMMARY: ELIZABETH MINE SITE UPDATE	# of Pages: 2 Doc Date: 05/01/2014
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Author: , US EPA REGION 1	Addressee:	Doc Type: FACT SHEET PUBLIC INFORMATION	File Break: 13.05 Access Type(s): REL
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577659 2014 SUMMARY: ELIZABETH MINE SITE UPDATE	# of Pages: 8 Doc Date: 06/01/2015
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Author: , US EPA REGION 1	Addressee:	Doc Type: FACT SHEET PUBLIC INFORMATION	File Break: 13.05 Access Type(s): REL
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577668 PUBLIC NOTICE: DRAFT EXPLANATION OF SIGNIFICANT DIFFERENCES (ESD) REVISING PHASE 2 REMEDIAL ACTION (RA)	# of Pages: 2 Doc Date: 07/23/2015
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Author: , HERALD OF RANDOLPH	Addressee:	Doc Type: PRESS RELEASE PUBLIC INFORMATION	File Break: 13.03 Access Type(s): REL
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Phase 13: COMMUNITY RELATIONS

577669 PUBLIC NOTICE: DRAFT EXPLANATION OF SIGNIFICANT DIFFERENCES (ESD) CHANGES TO PHASE 2 COMPONENT

of Pages: 1

Doc Date: 07/23/2015

Author: , VALLEY NEWS

Addressee:

Doc Type: PRESS RELEASE
PUBLIC INFORMATION

File Break: 13.03

Access
Type(s): REL

577673 PRESENTATION SLIDES REGARDING JULY 30, 2015 PUBLIC INFORMATION MEETING

of Pages: 29

Doc Date: 07/30/2015

Author: , US EPA REGION 1

Addressee:

Doc Type: MEETING RECORD
PUBLIC INFORMATION

File Break: 13.04

Access
Type(s): REL

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Phase 20: RECORDS MANAGEMENT

259306 ADMINISTRATIVE RECORD (AR) INDEX

of Pages: 29

Doc Date: 09/28/2006

Author: , US EPA REGION 1

Addressee:

Doc Type: ADMIN RECORD (AR) INDEX
INDEX

File Break: 20.01

**Access
Type(s):** REL

Number of Documents in Administrative Record: 18

Selected Key Guidance Documents

EPA Guidance Documents may be reviewed at the OSRR Records and Information Center in Boston, MA

DOCNUMBER	DOCDATE	TITLE	OSWEREPAID
3006	01-May-89	ARARs Q'S & A'S [QUICK REFERENCE FACT SHEET]	OSWER #9234.2-01FS
3009	01-Dec-89	CERCLA COMPLIANCE WITH OTHER LAWS MANUAL - CERCLA COMPLIANCE WITH STATE REQUIREMENTS [QUICK REFERENCE FACT SHEET]	OSWER #9234.2-05FS
3010	01-Feb-90	CERCLA COMPLIANCE WITH OTHER LAWS MANUAL - CERCLA COMPLIANCE WITH THE CWA AND SDWA [QUICK REFERENCE FACT SHEET]	OSWER #9234.2-06FS
3011	01-Dec-89	CERCLA COMPLIANCE WITH OTHER LAWS MANUAL - OVERVIEW OF ARARs - FOCUS ON ARAR WAIVERS [QUICK REFERENCE FACT SHEET]	OSWER #9234.2-03FS
3012	01-Apr-90	CERCLA COMPLIANCE WITH OTHER LAWS MANUAL - SUMMARY OF PART II - CAA, TSCA, AND OTHER STATUTES [QUICK REFERENCE FACT SHEET]	OSWER #9234.2-07FS
9002	01-Apr-90	GUIDE TO SELECTING SUPERFUND REMEDIAL ACTIONS	OSWER #9355.0-27FS
C191	01-Jul-90	ARARs Q's & A's: STATE GROUND-WATER ANTIDEGRADATION ISSUES.	OSWER 9234.2-11FS
C192	01-Jun-90	ARARs Q's & A's: COMPLIANCE WITH FEDERAL WATER QUALITY CRITERIA.	OSWER 9234.2-09/FS
C214	25-Jun-93	FINAL REVISIONS TO OMB CIRCULAR A-94 ON GUIDELINES AND DISCOUNT RATES FOR BENEFIT-COST ANALYSIS.	OSWER 9355.3-20
C473	01-Aug-97	RULES OF THUMB FOR SUPERFUND REMEDY SELECTION (EPA 540-R-97-013)	OSWER 9355.0-69
C525	01-Jul-99	GUIDE TO PREPARING SUPERFUND PROPOSED PLANS RECORDS OF DECISION AND OTHER REMEDY SELECTION DECISION DOCUMENTS	OSWER 9200.1-23P
C526	01-Aug-00	ABANDONED MINE SITE CHARACTERIAZTION & CLEANUP HANDBOOK (available on cd-rom)	PB2002-107421
C527	01-Sep-97	INTRODUCTION TO HARD ROCK MINING: A CD-ROM APPLICATION (available on cd-rom)	EPA 530-C-97-005
C582	01-Jul-00	A GUIDE TO DEVELOPING AND DOCUMENTING COST ESTIMATES DURING THE FEASIBILITY STUDY	OSWER 9355.0-75
C622	01-Nov-91	A GUIDE TO PRINCIPLE THREAT AND LOW LEVEL THREAT WASTES	9380.3-06FS
C623	01-May-01	OPERATION AND MAINTENANCE IN THE SUPERFUND PROGRAM	OSWER 9200.1-37FS
C663	01-Sep-96	ROLE OF COST IN THE SUPERFUND REMEDY SELECTION PROCESS	EPA-540/F-96/018
C692	19-Feb-92	PERMITS AND PERMIT EQUIVALENCY PROCESSES FOR CERCLA ON-SITE RESPONSE ACTIONS	OSWER 9355.7-03
C693	01-Jul-91	ARARs Q'S & A'S: GENERAL POLICY, RCRA, CWA, SDWA, POST-ROD INFORMATION AND CONTINGENT WAIVERS	9234.2-01/FS-A

Selected Key Guidance Documents

EPA Guidance Documents may be reviewed at the OSRR Records and Information Center in Boston, MA

DOCNUMBER	DOCDATE	TITLE	OSWEREPaid
C880	11-Feb-94	EXECUTIVE ORDER 12898, FEDERAL ACTIONS TO ADDRESS ENVIRONMENTAL JUSTICE IN MINORITY POPULATIONS AND LOW-INCOME POPULATIONS	
C884	01-May-94	CONSIDERING WETLANDS AT CERCLA SITES	
C918	05-Aug-13	NATIONAL RECOMMENDED WATER QUALITY CRITERIA: CURRENT WATER QUALITY CRITERIA	
C941	2/6/2014	HUMAN HEALTH EVALUATION MANUAL: SUPPLEMENTAL GUIDANCE - UPDATE OF STANDARD EXPOSURE FACTORS	OSWER DIRECTIVE 9200.1-120
C1005	6/1/2015	REGIONAL SCREENING LEVELS (RSL) FOR CHEMICAL CONTAMINANTS AT SUPERFUND SITES	
C1006	6/1/1995	REMEDIAL DESIGN/REMEDIAL ACTION HANDBOOK	OSWER 9355.0-04B, EPA 540/R-95/059
C1007	8/1/1988	CERCLA COMPLIANCE WITH OTHER LAWS MANUAL. PART I. INTERIM FINAL	OSWER EPA/9234.1-01