

Nyanza

Superfund Site

Administrative Record Index
for the Explanation of Significant Differences (ESD)
Operable Unit 2

ESD Signed: September 29, 2006

Released: December 07, 2006

Prepared by
EPA New England
Office of Site Remediation & Restoration

With Assistance from
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INTRODUCTION

This is the Administrative Record Index for an Explanation of Significant Differences (ESD) to the Nyanza Chemical Waste Dump site, Ashland, MA, Operable Unit 2 (OU02) Groundwater (GW). The (ESD) was released on December 07, 2006. 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 file includes, by reference, the Administrative Record for the Nyanza Chemical Waste Dump, Operable Unit 1 (OU01) Record of Decision (ROD), issued on September 04, 1985, the Administrative Record, Operable Unit 2 (OU02) Record of Decision, issued on September 23, 1991, and the Administrative Record, Operable Unit 3 (OU03) Record of Decision, issued on March 30, 1993.

The Explanation of Significant Differences (ESD) is available on-line at the link below and for public review at:

EPA New England
Office of Site Remediation and Restoration (OSRR)
Records & Information Center (RIC)
1 Congress Street, Suite 1100 (HSC)
Boston, MA 02114
(617) 918-1440 (phone)
(617) 918- 1223 (fax)
<http://www.epa.gov/region01/superfund/resource/records.htm>

Ashland, Public Library
66 Front Street
Ashland, MA 01721
(508) 881- 0134 (phone)
(508) 881-0135 (fax)

Questions about this Administrative Record file should be directed to the EPA New England site manager, Jim Dilorenzo at (617) 918- 1247 or dilorenzo.jim@epa.gov

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

03: REMEDIAL INVESTIGATION (RI)

254044 RI MONITORING WELL INFORMATION [INDEX ONLY, CROSS-REFERENCE ROD DATED ON 9/23/1991]

Author: EBASCO SERVICES INC

Addressee:

Doc Type: REPORT

Doc Date: 04/01/1991 **# of Pages:** 1

File Break: 03.06

254016 EPA COMMENTS ON DRAFT SAMPLING AND ANALYSIS PLAN -DNAPL STUDY

Author: CHERYL L SPRAGUE US EPA REGION 1

Addressee: SCOTT E ACONE US ARMY CORPS OF ENGINEERS

PETER HUGH US ARMY CORPS OF ENGINEERS - NEW ENGLAND DIVISION

Doc Type: LETTER

Doc Date: 06/01/2005 **# of Pages:** 2

File Break: 03.07

254020 UPDATE LETTER TO THE TOWN OF ASHLAND ON THE ACTIVITIES THE EPA AND MADEP HAVE BEEN CONDUCTING

Author: CHERYL L SPRAGUE US EPA REGION 1

Addressee: MARK ORAM TOWN OF ASHLAND

Doc Type: LETTER

Doc Date: 06/02/2005 **# of Pages:** 2

File Break: 03.07

03: REMEDIAL INVESTIGATION (RI)

254022 FINAL QUALITY ASSURANCE PROJECT PLAN (QAPP), ADDITIONAL INVESTIGATIONS TO SUPPORT DNAPL REMEDY

Author: ICF CONSULTING INC

Doc Date: 06/17/2005

of Pages: 735

Addressee: US ARMY CORPS OF ENGINEERS

File Break: 03.04

Doc Type: REPORT

254023 FINAL SITE-SPECIFIC SAFETY AND HEALTH PLAN, ADDITIONAL INVESTIGATIONS TO SUPPORT DNAPL REMEDY

Author: ICF CONSULTING INC

Doc Date: 06/17/2005

of Pages: 73

Addressee: US ARMY CORPS OF ENGINEERS

File Break: 03.04

Doc Type: REPORT

254021 FINAL SAMPLING AND ANALYSIS PLAN, ADDITIONAL INVESTIGATIONS TO SUPPORT DNAPL REMEDY

Author: ICF CONSULTING INC

Doc Date: 07/05/2005

of Pages: 74

Addressee: US ARMY CORPS OF ENGINEERS

File Break: 03.02

Doc Type: SAMPLING & ANALYSIS DATA

254012 FINAL REPORT FOR INDOOR AIR HUMAN HEALTH RISK ASSESSMENT

Author: ICF CONSULTING INC

Doc Date: 10/25/2005

of Pages: 112

Addressee: US ARMY CORPS OF ENGINEERS

File Break: 03.10

Doc Type: REPORT

03: REMEDIAL INVESTIGATION (RI)

254008 FINAL DENSE NON-AQUEOUS PHASE LIQUID (DNAPL) ALTERNATIVE MEMORANDUM

Author: ICF CONSULTING INC
Addressee: US ARMY CORPS OF ENGINEERS

Doc Date: 06/16/2006 **# of Pages:** 229
File Break: 03.07

Doc Type: REPORT

05: RECORD OF DECISION (ROD)

254071 EXPLANATION OF SIGNIFICANT DIFFERENCES (ESD) OPERABLE UNIT 2, PUBLIC COMMENT DRAFT

Author: US EPA REGION 1
Addressee:

Doc Date: 08/01/2006 **# of Pages:** 28
File Break: 05.04

Doc Type: EXPLANATION OF SIGNIFICANT DIF

256998 STATE'S COMMENT ON THE PROPOSED CLEAN-UP EFFORTS FOR THE NYANZA SITE, OPERABLE UNIT
2

Author: KAREN E SPILKA COMMONWEALTH OF MASSACHUSETTS
Addressee: ROBERT W VARNEY US EPA REGION 1

Doc Date: 09/18/2006 **# of Pages:** 2
File Break: 05.03

Doc Type: LETTER

AR Collection: 3890
ESD ADMIN. RECORD
AR Collection QA Report
For External Use

12/7/2006
Page 4 of 11

05: RECORD OF DECISION (ROD)

256959 EXPLANATION OF SIGNIFICANT DIFFERENCES (ESD) FOR THE NYANZA CHEMICAL, OPERABLE UNIT 2 (OU2)

Author: SUSAN STUDLIEN US EPA REGION 1 - OFFICE OF SITE REMEDIATION & RESTORATION

Doc Date: 09/29/2006 # of Pages: 41

Addressee:

File Break: 05.04

Doc Type: EXPLANATION OF SIGNIFICANT DIF

256999 EPA'S RESPONSE TO THE COMMENTS ON THE PROPOSED CLEANUP EFFORTS FOR THE NYANZA SITE, OPERABLE UNIT 2

Author: ROBERT W VARNEY US EPA REGION 1

Doc Date: 10/17/2006 # of Pages: 3

Addressee: KAREN E SPILKA COMMONWEALTH OF MASSACHUSETTS

File Break: 05.03

Doc Type: LETTER

259347 STATE CONCURRENCE - EXPLANATION OF SIGNIFICANT DIFFERENCE FOR OPERABLE UNIT TWO

Author: ARELEEN O'DONNELL MA DEPT OF ENVIRONMENTAL PROTECTION

Doc Date: 11/21/2006 # of Pages: 2

Addressee: SUSAN STUDLIEN US EPA REGION 1 - OFFICE OF SITE REMEDIATION & RESTORATION

File Break: 05.01

Doc Type: LETTER

06: REMEDIAL DESIGN (RD)

254039 FINAL WORK PLAN OU2 PRE-DESIGN/TREATABILITY STUDY

Author: EBASCO SERVICES INC
Addressee: EPA REGION 1

Doc Date: 06/01/1992 # of Pages: 101
File Break: 06.06

Doc Type: REPORT

254040 TREATABILITY STUDY MONITORING WELL CONDITION

Author: EBASCO SERVICES INC
Addressee: PAMELA SHIELDS US EPA REGION 1

Doc Date: 11/09/1992 # of Pages: 2
File Break: 06.06

Doc Type: LETTER

254042 GROUNDWATER CONCENTRATIONS NEAR PUMP TEST AREA

Author: FOSTER WHEELER ENVIRONMENTAL
Addressee:

Doc Date: 05/18/1993 # of Pages: 1
File Break: 06.02

Doc Type: SAMPLING & ANALYSIS DATA

254051 FIELD REPORTS, DRILLING & PILOT STUDY RELATED ACTIVITIES [RELATED CORRESPONDENCE IS ATTACHED]

Author: DONNA GROTZINGER EBASCO
Addressee: PAMELA SHIELDS US EPA REGION 1

Doc Date: 03/24/1994 # of Pages: 12
File Break: 06.06

Doc Type: LETTER

06: REMEDIAL DESIGN (RD)

254045 NYANZA OPERABLE UNIT 2 - DNAPL PUMPING

Author: PAMELA SHIELDS US EPA REGION 1

Doc Date: 08/22/1994 # of Pages: 2

Addressee: RICHARD T LEIGHTON US EPA REGION 1

File Break: 06.06

Doc Type: LETTER

254041 TREATABILITY STUDY, DNAPL CHARACTERISTICS AND TREATMENT ISSUES FOR PILOT AND FULL SCALE SYSTEMS

Author: DONNA GROTZINGER EBASCO

Doc Date: 09/22/1994 # of Pages: 3

Addressee: PAMELA SHIELDS US EPA REGION 1

File Break: 06.06

Doc Type: LETTER

254046 PRE-DESIGN STUDY PRELIMINARY STEP-DRAWDOWN TEST RESULTS [EXTRACTION WELL RW-1]

Author: BOYD ALLEN III EBASCO

Doc Date: 10/25/1994 # of Pages: 29

Addressee: PAMELA SHIELDS US EPA REGION 1

File Break: 06.06

Doc Type: SAMPLING & ANALYSIS DATA

254047 PRE-DESIGN STUDY SUMMARY REPORT ON DNAPL PUMPING [EXTRACTION WELL RW-1]

Author: BOYD ALLEN III EBASCO

Doc Date: 10/28/1994 # of Pages: 20

Addressee: PAMELA SHIELDS US EPA REGION 1

File Break: 06.06

Doc Type: REPORT

06: REMEDIAL DESIGN (RD)

251620 FINAL GROUND WATER (GW) SAMPLING - MARCH 1998

Author: ROY F WESTON INC
Addressee: US ARMY CORPS OF ENGINEERS

Doc Date: 09/04/1998 # of Pages: 132
File Break: 06.02

Doc Type: REPORT

254038 GROUNDWATER DATA FOR WELLS MW-112A/B - ASHLAND ASSESSOR'S MAP 8-A, LOT 76 [ENCLOSED
SAMPLING RESULTS 9/15/98 AND EPA PRESS RELEASE 10/29/98]

Author: SHARON M HAYES US EPA REGION 1
Addressee: BERNARD BLOOMSTEIN

Doc Date: 10/30/1998 # of Pages: 7
File Break: 06.02

Doc Type: SAMPLING & ANALYSIS DATA

251621 FINAL SEMI-ANNUAL GROUNDWATER (GW) MONITORING REPORT - APRIL 1999

Author: ROY F WESTON INC
Addressee: US ARMY CORPS OF ENGINEERS

Doc Date: 10/12/1999 # of Pages: 189
File Break: 06.02

Doc Type: REPORT

251622 FINAL SEMI-ANNUAL GROUNDWATER (GW) MONITORING REPORT - OCTOBER 1999

Author: ROY F WESTON INC
Addressee: US ARMY CORPS OF ENGINEERS

Doc Date: 06/08/2000 # of Pages: 214
File Break: 06.02

Doc Type: REPORT

06: REMEDIAL DESIGN (RD)

251623 FINAL SEMI-ANNUAL GROUNDWATER (GW) MONITORING REPORT - JUNE 2000

Author: ARTHUR D LITTLE INC
Addressee: US ARMY CORPS OF ENGINEERS

Doc Date: 10/18/2000 **# of Pages:** 165
File Break: 06.02

Doc Type: REPORT

254018 CONDITION SURVEY OF MONITORING WELL NETWORK

Author: GARY P MORIN US ARMY CORPS OF ENGINEERS
Addressee: SHARON M HAYES US EPA REGION 1

Doc Date: 11/29/2000 **# of Pages:** 7
File Break: 06.02

Doc Type: SAMPLING & ANALYSIS DATA

254048 NYANZA OU2 INFORMATION

Author: SHARON M HAYES US EPA REGION 1
Addressee:

Doc Date: 12/21/2000 **# of Pages:** 1
File Break: 06.01

Doc Type: MEMO

251624 FINAL SEMI-ANNUAL GROUNDWATER (GW) MONITORING REPORT - FALL 2000

Author: ARTHUR D LITTLE INC
Addressee: US ARMY CORPS OF ENGINEERS

Doc Date: 01/31/2001 **# of Pages:** 234
File Break: 06.04

Doc Type: REPORT

06: REMEDIAL DESIGN (RD)

251625 FINAL SEMI-ANNUAL GROUNDWATER (GW) MONITORING REPORT - SPRING 2001

Author: ARTHUR D LITTLE INC
Addressee: US ARMY CORPS OF ENGINEERS

Doc Date: 11/15/2001 **# of Pages:** 219
File Break: 06.02

Doc Type: REPORT

251626 FINAL SEMI-ANNUAL GROUNDWATER (GW) MONITORING REPORT - FALL 2001

Author: ARTHUR D LITTLE INC
Addressee: US ARMY CORPS OF ENGINEERS

Doc Date: 04/05/2002 **# of Pages:** 244
File Break: 06.02

Doc Type: REPORT

251627 FINAL SEMI-ANNUAL GROUNDWATER (GW) MONITORING REPORT - SPRING 2002

Author: ICF CONSULTING INC
Addressee: US ARMY CORPS OF ENGINEERS

Doc Date: 09/23/2002 **# of Pages:** 220
File Break: 06.02

Doc Type: REPORT

251628 FINAL SEMI-ANNUAL GROUNDWATER (GW) MONITORING REPORT - FALL 2002

Author: ICF CONSULTING INC
Addressee: US ARMY CORPS OF ENGINEERS

Doc Date: 04/25/2003 **# of Pages:** 213
File Break: 06.02

Doc Type: REPORT

06: REMEDIAL DESIGN (RD)

251629 FINAL SEMI-ANNUAL GROUNDWATER (GW) MONITORING REPORT - SPRING 2003

Author: ICF CONSULTING INC
Addressee: US ARMY CORPS OF ENGINEERS

Doc Date: 12/23/2003 **# of Pages:** 284
File Break: 06.02

Doc Type: REPORT

254019 CORRESPONDENCE ABOUT THE ANALYTICAL MODEL TO EVALUATE VAPOR INTRUSION

Author: KEVIN PALAIA ICF CONSULTING INC
Addressee: CHERYL L SPRAGUE US EPA REGION 1

Doc Date: 11/10/2004 **# of Pages:** 2
File Break: 06.01

Doc Type: LETTER

07: REMEDIAL ACTION (RA)

256916 FINAL REPORT FOR RESIDENTIAL INDOOR AIR STUDY, MAY 2004 [7/1/04 MEMO IS ATTACHED, APPENDIX C EXCLUDED]

Author: PETER KAHN US EPA REGION 1
Addressee: CHERYL L SPRAGUE US EPA REGION 1

Doc Date: 07/01/2004 **# of Pages:** 114
File Break: 07.05

Doc Type: REPORT

13: COMMUNITY RELATIONS

254072 EPA PLANS MODIFICATIONS TO GROUNDWATER CLEANUP

Author: US EPA REGION 1

Addressee:

Doc Type: FACT SHEET

Doc Date: 08/01/2006 # of Pages: 6

File Break: 13.05

254075 NYANZA GROUNDWATER CONTAMINATION AND INDOOR AIR: HOW VAPOR MITIGATION SYSTEMS
WILL HELP AFFECTED HOMES

Author: US EPA REGION 1

Addressee:

Doc Type: FACT SHEET

Doc Date: 08/01/2006 # of Pages: 4

File Break: 13.05

Number of Documents in Collection**38**

EPA Region 1 AR Compendium GUIDANCE DOCUMENTS

EPA guidance documents may be reviewed at the EPA Region I Superfund Records Center in Boston, Massachusetts.

TITLE

GUIDANCE ON PREPARING SUPERFUND DECISION DOCUMENTS: THE PROPOSED PLAN, THE RECORD OF DECISION, E.S.D.'S, R.O.D. AMENDMENT. INTERIM FINAL.

DOCDATE	OSWER/EPA ID	DOCNUMBER
7/1/1989	OSWER 9355.3-02	C179

TITLE

OSWER DRAFT GUIDANCE FOR EVALUATING THE VAPOR INTRUSION TO INDOOR AIR PATHWAY FROM GROUNDWATER AND SOILS (SUBSURFACE VAPOR INTRUSION GUIDANCE)

DOCDATE	OSWER/EPA ID	DOCNUMBER
11/1/2002	EPA530-D-02-004	C632

TITLE

DNAPL SITE CHARACTERIZATION

DOCDATE	OSWER/EPA ID	DOCNUMBER
9/1/1994	EPA/540/F-94/049	C633

TITLE

VAPOR INTRUSION SITE CHARACTERIZATION AND SCREENING - NEWMOA WORKSHOP ON VAPOR INTRUSION

DOCDATE	OSWER/EPA ID	DOCNUMBER
4/12/2006		C634

TITLE

DESIGN & INSTALLATION SPECIFICATIONS FOR SUB-SLUB DEPRESSURIZATION SYSTEMS (SSD)

DOCDATE	OSWER/EPA ID	DOCNUMBER
8/1/2006		C635
