

**New Bedford Harbor Superfund Site
Administrative Record File**

**Operable Unit 1 – Lower Harbor
Draft Fifth Explanation of Significant
Differences (ESD) 5 for
Public Comment**

Index

ESD 5 Released: April 22, 2015

**Prepared by
EPA New England
Office of Site Remediation & Restoration**

Introduction to the Collection

This is the Administrative Record Index for the New Bedford Superfund Site, New Bedford, MA, Operable Unit 1 – Upper and Lower Harbor, Draft Fifth Explanation of Significant Differences (ESD) 5 for Public Comment, released on April 22, 2015. This Administrative Record contains site-specific documents and guidance used by EPA staff that forms the basis for Draft OU 1 Fifth Explanation of Significant Differences (ESD).

This Administrative Record incorporates, by reference, the Third Modification to EPA's Final Determination for the South Terminal Project – Channel Widening and Additional Blasting, issued by EPA on September 30, 2014 (Third Modification – South Terminal Project); the Administrative Record for EPA's Second Modification for South Terminal Project – Additional Dredging and Blasting for Rock Removal, New Bedford Harbor Superfund Site, Operable Unit 1, State Enhanced Remedy, issued by EPA on September 30, 2013 (Second Modification – South Terminal Project); the Administrative Record for EPA's Final Determination for the South Terminal Project, New Bedford Harbor Superfund Site, Operable Unit 1, State Enhanced Remedy, issued by EPA on November 19, 2012 (Final Determination – South Terminal Project); the Administrative Records for the Unilateral Administrative Order for Remedial Design, Remedial Action, and Operation and Maintenance (OU1 UAO) issued by EPA on April 18, 2012; the Record of Decision for the Upper and Lower Harbor Operable Unit (OU1) issued by EPA on September 25, 1998 (OU1 ROD, a.k.a. 1998 Upper and Lower Harbor ROD); the Explanation of Significant Differences issued by EPA on September 27, 2001 (OU1 ESD1, a.k.a. 2001 Upper and Lower Harbor ESD); the Explanation of Significant Differences issued by EPA on August 15, 2002 (OU1 ESD2, a.k.a. 2002 Upper and Lower Harbor ESD); the Explanation of Significant Differences issued by EPA on March 4, 2010 (OU1 ESD3, a.k.a. 2010 Upper and Lower Harbor ESD); and the Explanation of Significant Differences issued on March 14, 2011 (OU1 ESD4, a.k.a. 2011 Upper and Lower Harbor ESD). This Administrative Record also incorporates, by reference, the Administrative Records for the Record of Decision for the Hot Spot Operable Unit (OU2) issued by EPA on April 6, 1990 (OU2 ROD, a.k.a. 1990 Hot Spot ROD); the Explanation of Significant Differences issued by EPA on April 27, 1992 (OU2 ESD1, a.k.a. 1992 Hot Spot ESD); the Explanation of Significant Differences issued by EPA on October 30, 1995 (OU2 ESD2, a.k.a. 1995 Hot Spot ESD); and the Amended Record of Decision for the Hot Spot Operable Unit issued by EPA on April 27, 1999 (OU2 Amended ROD, a.k.a. 1998 Upper and Lower Harbor ROD). This Administrative Record also incorporates, by reference, the Administrative Record for the Administrative Order for Property Access for OU2, dated September 10, 1993; and the Administrative Record for the Administrative Order for Property Access for OU1, dated January 9, 2001.

This Administrative Record is available for review at:

EPA New England

OSRR Records & Information Center

5 Post Office Square, Suite 100 (OSRR 02-3)

Boston, MA 02109-3912

(by appointment)

(617) 918-1440 (phone)

(617) 918- 0440 (fax)

<http://www.epa.gov/region01/superfund/resource/records.htm>

New Bedford Free Public Library

613 Pleasant Street

New Bedford, MA 02740

(508) 991-6280 (phone)

(508) 991-6268 (fax)

<http://www.ci.new-bedford.ma.us/SERVICES/LIBRARY/library2.htm>

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Questions about the Administrative Record should be directed to the EPA New England Remedial Project Manager at EPA New England.

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Phase 04: FEASIBILITY STUDY (FS)

574329 [REDACTED] FINAL FOCUSED FEASIBILITY STUDY (FS) EVALUATION COST ESTIMATE

of Pages: 7

Doc Date: 03/25/2015

Author: , JACOBS ENGINEERING GROUP INC

Addressee:

Doc Type: COST DOCUMENTATION

File Break: 04.07

Access
Type(s): REL

574356 FOCUSED FEASIBILITY (FS) EVALUATION: COMPARISON OF CONFINED DISPOSAL FACILITIES (CDFS) A, B & C VERSUS OFF-SITE DISPOSAL FOR PCB CONTAMINATED SEDIMENT

of Pages: 51

Doc Date: 04/01/2015

Author: , US EPA REGION 1

Addressee:

Doc Type: FEASIBILITY STUDY (FS)
REPORT

File Break: 04.06

Access
Type(s): REL

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Phase 05: RECORD OF DECISION (ROD)

574320 MEMO REGARDING REVISIONS TO CONCEPTUAL PLAN FOR DESIGN OF CONFINED DISPOSAL FACILITIES (CDF)		# of Pages: 3	
		Doc Date: 01/07/2014	
Author: GINNY LOMBARDO, US EPA REGION 1	Addressee:	Doc Type: CORRESPONDENCE MEMO	File Break: 05.01 Access Type(s): REL
574321 DRAFT FIFTH EXPLANATION OF SIGNIFICANT DIFFERENCES (ESD)		# of Pages: 24	
		Doc Date: 04/01/2015	
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 07: REMEDIAL ACTION (RA)

280033 PHASE 3 SEDIMENT SAMPLING REPORT				# of Pages: 10
				Doc Date: 01/14/2003
Author: , FOSTER WHEELER ENVIRONMENTAL CORP	Addressee: , US ARMY CORPS OF ENGINEERS	Doc Type: REPORT SAMPLING DATA	File Break: 07.02	
				Access Type(s): REL
506553 VOLUMES, AREAS AND PROPERTIES OF SEDIMENT BY MANAGEMENT UNITS, REVISION 2 (09/12/2003 TRANSMITTAL FORM AND US EPA COMMENTS ATTACHED)				# of Pages: 111
				Doc Date: 09/12/2003
Author: , FOSTER WHEELER ENVIRONMENTAL CORP	Addressee: , US ARMY CORPS OF ENGINEERS	Doc Type: REPORT	File Break: 07.05	
				Access Type(s): REL
533432 [REDACTED] FINAL 2011 DREDGE SEASON DATA SUBMITTAL - REMEDIAL ACTION (RA)				# of Pages: 153
				Doc Date: 03/01/2013
Author: , JACOBS ENGINEERING	Addressee:	Doc Type: REPORT	File Break: 07.05	
				Access Type(s): REL

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Phase 07: REMEDIAL ACTION (RA)

535503	FINAL 2011 BIENNIAL GROUNDWATER MONITORING REPORT, SAWYER STREET PILOT STUDY CONFINED DISPOSAL FACILITY (CDF)	# of Pages: 872
		Doc Date: 04/01/2012

Author: , WOODS HOLE GROUP	Addressee: , US ARMY CORPS OF ENGINEERS - NEW ENGLAND DISTRICT	Doc Type: GROUNDWATER MONITORNG REPORT	File Break: 07.05 Access Type(s): REL
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540302	FINAL 2012 BIENNIAL GROUNDWATER MONITORING REPORT, SAWYER STREET PILOT STUDY CONFINED DISPOSAL FACILITY (CDF), OPERABLE UNIT 1 (OU1)	# of Pages: 333
		Doc Date: 05/01/2013

Author: , WOODS HOLE GROUP	Addressee: , US ARMY CORPS OF ENGINEERS - NEW ENGLAND DISTRICT	Doc Type: GROUNDWATER MONITORNG REPORT	File Break: 07.05 Access Type(s): REL
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566329	FINAL REPORT: 2009 ENVIRONMENTAL MONITORING, SAMPLING, AND ANALYSIS REPORTS - DATED 08/2006-06/2009	# of Pages: 2590
		Doc Date: 08/01/2010

Author: , WOODS HOLE GROUP	Addressee: , US ARMY CORPS OF ENGINEERS NEW ENGLAND DISTRICT	Doc Type: REPORT	File Break: 07.06 Access Type(s): REL
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#	Title	# of Pages:	Doc Date:
568192	TABLE E-1: AMBIENT AIR MONITORING PROGRAM - TOTAL DETECTABLE POLYCHLORINATED BIPHENYLS (PCB) HOMOLOGUES	4	01/15/2015
Author:	JACOBS	Addressee:	
		Doc Type:	SAMPLING DATA
		File Break:	07.02
		Access Type(s):	REL
574138	DRAFT FINAL SAWYER STREET 2014 SEMI-ANNUAL GROUNDWATER MONITORING TECHNICAL MEMORANDUM, ENVIRONMENTAL MONITORING, SAMPLING AND ANALYSIS (TRANSMITTAL LETTER ATTACHED)	610	03/06/2015
Author:	DEIRDRE DAHLEN, BATTELLE	Addressee:	PETER HUGH, US ARMY CORPS OF ENGINEERS - NEW ENGLAND DIVISION
		Doc Type:	CORRESPONDENCE MEMO SAMPLING & ANALYSIS PLAN
		File Break:	07.06
		Access Type(s):	REL
574322	EMAIL REGARDING COMBINED SEWER OVERFLOW (CSO) DATA OUTFALL (01/30/2015 TRANSMITTAL EMAIL ATTACHED)	1	12/21/2009
Author:	MICHAEL W MORRIS, JACOBS	Addressee:	CHANGSHENG LU, NONE
		Doc Type:	CORRESPONDENCE EMAIL
		File Break:	07.01
		Access Type(s):	REL

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574323 EMAIL REGARDING ANSWERS TO QUESTIONS ABOUT DEBRIS DISPOSAL AREA (DDA) C	# of Pages: 1 Doc Date: 01/26/2015
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Author: MARK GOUVEIA, JACOBS ENGINEERING	Addressee: GINNY LOMBARDO, US EPA REGION 1	Doc Type: CORRESPONDENCE EMAIL	File Break: 07.01 Access Type(s): REL
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574324 TRANSMITTAL EMAIL FOR DEBRIS DISPOSAL AREA (DDA) ESTIMATES (DDA HISTORY ATTACHED)	# of Pages: 4 Doc Date: 01/29/2015
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Author: MICHAEL W MORRIS, JACOBS	Addressee: GINNY LOMBARDO, US EPA REGION 1	Doc Type: CORRESPONDENCE EMAIL	File Break: 07.05 Access Type(s): REL
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574325 [REDACTED] 2013 DREDGE SEASON DATA SUBMITTAL REPORT	# of Pages: 58 Doc Date: 12/01/2014
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Author: , JACOBS ENGINEERING GROUP INC , SEVENSON ENVIRONMENTAL SERVICES INC	Addressee:	Doc Type: REPORT SAMPLING DATA	File Break: 07.02 Access Type(s): REL
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574327 TRANSMITTAL FORM FOR 2013 DREDGE SEASON DATA SUBMITTAL REPORT	# of Pages: 1 Doc Date: 12/23/2014
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Author: , JACOBS ENGINEERING GROUP INC	Addressee: , NEW BEDFORD (MA) RESIDENT OFFICE	Doc Type: FORM	File Break: 07.01 Access Type(s): REL
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574332 EMAIL REGARDING AIR MONITORING STATIONS (FIGURE 1 AND 3 ATTACHED)	# of Pages: 4 Doc Date: 03/18/2015
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Author: CARL WILSON, JACOBS ENGINEERING	Addressee: GINNY LOMBARDO, US EPA REGION 1	Doc Type: CORRESPONDENCE EMAIL	File Break: 07.01 Access Type(s): REL
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574337 [REDACTED] 2012 DREDGE SEASON DATA SUBMITTAL REPORT	# of Pages: 86 Doc Date: 05/01/2013
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Author: , JACOBS ENGINEERING GROUP INC	Addressee:	Doc Type: REPORT SAMPLING DATA	File Break: 07.02 Access Type(s): REL
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574338	TRANSMITTAL FORM FOR 2012 DREDGE SEASON DATA SUBMITTAL REPORT	# of Pages: 1
		Doc Date: 03/17/2015

Author: , JACOBS ENGINEERING GROUP INC	Addressee: , NEW BEDFORD (MA) RESIDENT OFFICE	Doc Type: FORM	File Break: 07.01 Access Type(s): REL
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574361	MODELING ANALYSIS OF POTENTIAL ENVIRONMENTAL IMPACT OF PILOT CONFINED DISPOSAL FACILITY (CDF)	# of Pages: 60
		Doc Date: 03/01/2015

Author: , JACOBS ENGINEERING GROUP INC , SEVENSON ENVIRONMENTAL SERVICES INC	Addressee:	Doc Type: REPORT	File Break: 07.05 Access Type(s): REL
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574362	MEMO SUMMARIZING CHRONOLOGICAL USE OF PILOT CONFINED DISPOSAL FACILITY (CDF) SAWYER STREET	# of Pages: 11
		Doc Date: 03/25/2015

Author: GINNY LOMBARDO, US EPA REGION 1	Addressee:	Doc Type: CORRESPONDENCE MEMO	File Break: 07.01 Access Type(s): REL
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574363	TRANSMITTAL EMAIL FOR TOXIC SUBSTANCES CONTROL ACT (TSCA) AND POLYCHLORINATED BIPHENYLS (PCB) LICENSE FOR WAYNE DISPOSAL INC (WDI) LANDFILL CAPACITY REGARDING TSCA CELL AND NEW CELL (09/27/2013 TRANSMITTAL LETTER AND APPROVAL ATTACHED)	# of Pages: 7
		Doc Date: 07/14/2014

Author: ANITA RIGASSIO SMITH, JACOBS ENGINEERING GROUP INC	Addressee: GINNY LOMBARDO, US EPA REGION 1	Doc Type: CORRESPONDENCE EMAIL	File Break: 07.01 Access Type(s): REL
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574364	FIGURE 2 : AREAS DREDGED THROUGH 2013	# of Pages: 1
		Doc Date: 09/30/2013

Author: , JACOBS ENGINEERING GROUP INC	Addressee:	Doc Type: DRAWING MAP	File Break: 07.05 Access Type(s): REL
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574365	FIGURE 3 : DREDGE AREAS SCHEDULED FOR 2014 DREDGE SEASON	# of Pages: 1
		Doc Date: 01/17/2014

Author: , JACOBS ENGINEERING GROUP INC	Addressee:	Doc Type: DRAWING MAP	File Break: 07.05 Access Type(s): REL
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Phase 07: REMEDIAL ACTION (RA)

574366 HAND WRITTEN POLYCHLORINATED BIPHENYLS (PCB) CALCULATION FOR DEBRIS DISPOSAL AREA (DDA) PILOT CDF (01/01/2009 MAIN INTERCEPTOR GRIT AND SEDIMENT REMOVAL ATTACHED)

of Pages: 12

Doc Date: 04/14/2015

Author: KIM TISA, US EPA REGION 1

Addressee:

Doc Type: NOTES
SAMPLING DATA

File Break: 07.01

Access
Type(s): REL

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Phase 08: POST REMEDIAL ACTION

570880 GROUNDWATER QUALITY MONITORING SUMMARY, QUARTERLY SAMPLING AT SAWYER STREET CONFINED DISPOSAL FACILITY (CDF) - AUGUST 2004 - OCTOBER 2006
[MARGINALIA]

of Pages: 27

Doc Date: 12/01/2006

Author: , ENSR/AECOM

Addressee: , US ARMY CORPS OF ENGINEERS - NEW ENGLAND
DIVISION
, US EPA

Doc Type: GROUNDWATER MONITORNG
REPORT

File Break: 08.04

Access
Type(s): REL

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Phase 10: ENFORCEMENT/NEGOTIATION

547266 SUPPLEMENTAL CONSENT DECREE (CD) AT ENTRY WITH DEFENDANT AVX CORPORATION, US DISTRICT COURT, DISTRICT OF MASSACHUSETTS, CIVIL ACTION NO. 83-3882-Y

of Pages: 77

Doc Date: 09/19/2013

Author: , COMMONWEALTH OF MASSACHUSETTS
 , US DEPT OF JUSTICE
 , US EPA REGION 1

Addressee:

Doc Type: CONSENT DECREE
 ENFORCEMENT & SETTLEMENT

File Break: 10.08

**Access
Type(s):** REL

Number of Documents in Administrative Record: 28

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Phase 04: FEASIBILITY STUDY (FS)

574342 FINAL FOCUSED FEASIBILITY STUDY (FS) EVALUATION COST ESTIMATE

of Pages: 7

Doc Date: 03/25/2015

Author: , JACOBS ENGINEERING GROUP INC

Addressee:

Doc Type: COST DOCUMENTATION

File Break: 04.07

Access
Type(s): FCB

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Phase 07: REMEDIAL ACTION (RA)

533431	FINAL 2011 DREDGE SEASON DATA SUBMITTAL - REMEDIAL ACTION (RA)	# of Pages: 153 Doc Date: 03/27/2013
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Author: , JACOBS ENGINEERING , SEVENSON ENVIRONMENTAL SERVICES INC	Addressee:	Doc Type: REPORT	File Break: 07.05 Access Type(s): FCB LCB
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574326	2013 DREDGE SEASON DATA SUBMITTAL REPORT - PRIVILEGED	# of Pages: 121 Doc Date: 12/01/2014
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Author: , JACOBS ENGINEERING GROUP INC , SEVENSON ENVIRONMENTAL SERVICES INC	Addressee:	Doc Type: REPORT SAMPLING DATA	File Break: 07.02 Access Type(s): FCB
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574343	2012 DREDGE SEASON DATA SUBMITTAL REPORT (03/25/2015 TRANSMITTAL FORM OR CERTIFICATE OF COMPLIANCE ATTACHED) - PRIVILEGED	# of Pages: 127 Doc Date: 05/01/2013
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Author: , JACOBS ENGINEERING GROUP INC , SEVENSON ENVIRONMENTAL SERVICES INC	Addressee:	Doc Type: REPORT SAMPLING DATA	File Break: 07.02 Access Type(s): FCB
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Number of Documents in Administrative Record: 4

Selected Key Guidance Documents

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

DOCNUMBER	DOCDATE	TITLE	OSWEREPAID
2002	10/1/1988	INTERIM FINAL GUIDANCE FOR CONDUCTING REMEDIAL INVESTIGATIONS AND FEASIBILITY STUDIES UNDER CERCLA.	OSWER #9355.3-01
C525	7/1/1999	GUIDE TO PREPARING SUPERFUND PROPOSED PLANS RECORDS OF DECISION AND OTHER REMEDY SELECTION DECISION DOCUMENTS.	OSWER # 9200.1-23P