

**Peterson/Puritan Inc.
NPL Site Administrative Record
Explanation of Significant Differences (ESD)
Operable Unit 1 (OU-1)**

Index

**ESD Dated: July 2013
Administrative Record Dated: July 2013**

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

Introduction to the Collection

This is the administrative record for the Peterson/Puritan Inc. Superfund Site, Cumberland and Lincoln, Rhode Island, OU-1, Explanation of Significant Differences (ESD), released July, 2013. The file contains site-specific documents and a list of guidance documents used by EPA staff in selecting a response action at the site.

This record includes, by reference, the administrative record for the Record of Decision (ROD), issued September 1993.

The administrative record is available for review at:

EPA New England Superfund Records and Information Center
1 Congress Street, Suite 1100 (HSC)
Boston, MA 02114
(by appointment)
617-918-1440 (phone)
617-918-1223 (fax)
www.epa.gov/region01/superfund/resource/records.htm

Cumberland Public Library
1464 Diamond Hill Road
Cumberland, RI 02864
401-333-2552 (phone)
<http://www.cumberlandlibrary.org/>

Lincoln Public Library
145 Old River Road
Lincoln, RI 02865
401-333-2442 (phone)
<http://www.lincolnlibrary.com/>

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

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).

AR Collection 62883
 OU1 ESD ADMIN RECORD
 AR Collection Index Report
 For External Use

7/10/2013

Page 1 of 8

Phase 05: RECORD OF DECISION (ROD)

540416 LETTER REGARDING COMMENTS ON EXPLANATION OF SIGNIFICANT DIFFERENCES (ESD) AND THE MONITORED NATURAL ATTENUATION (MNA) ASSESSMENT FOR THE PACIFIC ANCHOR CHEMICAL (PAC) SOURCE AREA [UNSIGNED]		# of Pages: 8	
		Doc Date: 06/03/2013	
Author: PAUL KULPA, RI DEPT OF ENVIRONMENTAL MANAGEMENT	Addressee: DAVID J NEWTON, US EPA REGION 1	Doc Type: CORRESPONDENCE LETTER	File Break: 05.04 Access Type(s): REL
540430 LETTER REGARDING COMMENTS ON EXPLANATION OF SIGNIFICANT DIFFERENCES (ESD) AND THE MONITORED NATURAL ATTENUATION (MNA) ASSESSMENT FOR THE PACIFIC ANCHOR CHEMICAL (PAC) SOURCE AREA		# of Pages: 8	
		Doc Date: 06/03/2013	
Author: PAUL KULPA, RI DEPT OF ENVIRONMENTAL MANAGEMENT	Addressee: DAVID J NEWTON, US EPA REGION 1	Doc Type: CORRESPONDENCE LETTER	File Break: 05.04 Access Type(s): REL
540440 EXPLANATION OF SIGNIFICANT DIFFERENCES (ESD) - OPERABLE UNIT (OU) 1		# of Pages: 61	
		Doc Date: 07/10/2013	
Author: , US EPA REGION 1	Addressee:	Doc Type: DECISION DOCUMENT EXP SIGNIFICANT DIFF (ESD) REPORT	File Break: 05.04 Access Type(s): REL

AR Collection 62883
OU1 ESD ADMIN RECORD
AR Collection Index Report
For External Use

7/10/2013

Page 2 of 8

Phase 06: REMEDIAL DESIGN (RD)

460437 JOINT GROUNDWATER MONITORING PLAN (JGWMP) AND PROJECT OPERATIONS PLAN (POP)

of Pages: 342

Doc Date: 08/01/1995

Author: , ABB ENVIRONMENTAL SERVICES INC
, ENSR CONSULTING & ENGINEERING

Addressee: , CPC INTERNATIONAL INC
, LONZA INC

Doc Type: REPORT

File Break: 06.04

**Access
Type(s):** REL

AR Collection 62883
 OU1 ESD ADMIN RECORD
 AR Collection Index Report
 For External Use

Phase 07: REMEDIAL ACTION (RA)

27057	EVALUATION OF OXIDANT DELIVERY SYSTEM PERFORMANCE AND EFFICACY IN REMEDIATING ARSENIC (12/13/2000 TRANSMITTAL LETTER ATTACHED)	# of Pages: 151
		Doc Date: 12/01/2000

Author: , ENSR CONSULTING & ENGINEERING	Addressee: , RI DEPT OF ENVIRONMENTAL MANAGEMENT , US EPA REGION 1	Doc Type: REPORT	File Break: 07.05 Access Type(s): REL
--	--	-------------------------	--

27059	OXIDANT DELIVERY SYSTEM REBOUND ASSESSMENT REPORT	# of Pages: 110
		Doc Date: 01/01/2001

Author: , ENSR CONSULTING & ENGINEERING	Addressee: , RI DEPT OF ENVIRONMENTAL MANAGEMENT , US EPA REGION 1	Doc Type: REPORT	File Break: 07.05 Access Type(s): REL
--	--	-------------------------	--

27062	REMEDICATION METHODS TECHNICAL ASSESSMENT	# of Pages: 46
		Doc Date: 12/01/2000

Author: , ENSR CORPORATION	Addressee: , RI DEPT OF ENVIRONMENTAL MANAGEMENT , US EPA REGION 1	Doc Type: REPORT	File Break: 07.02 Access Type(s): REL
-----------------------------------	--	-------------------------	--

AR Collection 62883
OU1 ESD ADMIN RECORD
AR Collection Index Report
For External Use

7/10/2013

Page 4 of 8

Phase 07: REMEDIAL ACTION (RA)

27063 MONITORED NATURAL ATTENUATION (MNA) REPORT, FIVE YEAR REVIEW (FYR) EVALUATION, OCTOBER 1995 TO OCTOBER 1999

of Pages: 226

Doc Date: 01/01/2001

Author: , ENSR CONSULTING & ENGINEERING

Addressee: , RI DEPT OF ENVIRONMENTAL MANAGEMENT

Doc Type: REPORT

File Break: 07.05

, US EPA REGION 1

**Access
Type(s):** REL

AR Collection 62883
 OU1 ESD ADMIN RECORD
 AR Collection Index Report
 For External Use

7/10/2013

Page 5 of 8

Phase 08: POST REMEDIAL ACTION

35376	FIVE-YEAR REVIEW (FYR) REPORT	# of Pages: 58
		Doc Date: 09/26/2002

Author: , US EPA REGION 1	Addressee:	Doc Type: FIVE YEAR REVIEW RPT & AP REPORT	File Break: 08.03 Access Type(s): REL
----------------------------------	-------------------	---	--

278329	SECOND FIVE-YEAR REVIEW (FYR) REPORT	# of Pages: 119
		Doc Date: 09/28/2007

Author: , US EPA REGION 1	Addressee:	Doc Type: FIVE YEAR REVIEW RPT & AP REPORT	File Break: 08.03 Access Type(s): REL
----------------------------------	-------------------	---	--

458847	TECHNICAL MEMORANDUM--GROUNDWATER MODELING STATUS REPORT	# of Pages: 50
		Doc Date: 05/01/2009

Author: , US ARMY CORPS OF ENGINEERS	Addressee: , US EPA REGION 1 - OFFICE OF SITE REMEDIATION & RESTORATION	Doc Type: REPORT	File Break: 08.04 Access Type(s): REL
---	--	-------------------------	--

AR Collection 62883
 OU1 ESD ADMIN RECORD
 AR Collection Index Report
 For External Use

7/10/2013

Page 6 of 8

Phase 08: POST REMEDIAL ACTION

522035	THIRD FIVE YEAR REVIEW (FYR) REPORT, OPERABLE UNIT (OU) 1	# of Pages: 111 Doc Date: 09/24/2012
---------------	--	---

Author: , US ARMY CORPS OF ENGINEERS , US EPA REGION 1	Addressee:	Doc Type: FIVE YEAR REVIEW RPT & AP REPORT	File Break: 08.03 Access Type(s): REL
--	-------------------	--	--

529779	LETTER CONCERNING PREDICTION OF MONITORED NATURAL ATTENUATION (MNA) EFFECTIVENESS AT THE PACIFIC ANCHOR CHEMICAL (PAC) SOURCE AREA TO SUPPORT POTENTIAL REMEDY	# of Pages: 9 Doc Date: 03/29/2011
---------------	---	---

Author: MARK GERATH, AECOM CAROLYN SCOTT, AECOM INTERNATIONAL	Addressee: LARRY BRILL, US EPA REGION 1	Doc Type: CORRESPONDENCE LETTER	File Break: 08.01 Access Type(s): REL
---	--	---	--

537889	MONITORED NATURAL ATTENUATION ASSESSMENT FOR PACIFIC ANCHOR CHEMICAL (PAC) SOURCE AREA (TRANSMITTAL LETTER ATTACHED)	# of Pages: 30 Doc Date: 04/24/2012
---------------	---	--

Author: MARK GERATH, AECOM CAROLYN SCOTT, AECOM INTERNATIONAL	Addressee: LARRY BRILL, US EPA REGION 1	Doc Type: REPORT	File Break: 08.01 Access Type(s): REL
---	--	-------------------------	--

AR Collection 62883
OU1 ESD ADMIN RECORD
AR Collection Index Report
For External Use

7/10/2013

Page 7 of 8

Phase 08: POST REMEDIAL ACTION

540417 EMAIL RESPONDING TO COMMENTS ON MONITORED NATURAL ATTENUATION (MNA) ASSESSMENT FOR THE PACIFIC ANCHOR CHEMICAL (PAC) SOURCE AREA

of Pages: 1

Doc Date: 06/20/2013

Author: DAVID J NEWTON, US EPA REGION 1

Addressee: PAUL KULPA, RI DEPT OF ENVIRONMENTAL
MANAGEMENT

Doc Type: CORRESPONDENCE
EMAIL

File Break: 08.01

**Access
Type(s):** REL

AR Collection 62883
OU1 ESD ADMIN RECORD
AR Collection Index Report
For External Use

7/10/2013

Page 8 of 8

Phase 13: COMMUNITY RELATIONS

540418 PUBLIC NOTICE: EPA ANNOUNCES EXPLANATION OF SIGNIFICANT DIFFERENCES (ESD) FOR THE PETERSON/PURITAN, INC. SUPERFUND SITE, OPERABLE UNIT (OU) 1, CUMBERLAND AND LINCOLN, RI

of Pages: 1

Doc Date: 07/01/2013

Author: , US EPA REGION 1

Addressee:

Doc Type: PRESS RELEASE
PUBLIC INFORMATION

File Break: 13.03

Access
Type(s): REL

Number of Documents in Administrative Record: 16

Selected Key Guidance Documents

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

DOCNUMBER	DOCDATE	TITLE	OSWEREPAID
C526	01-Jul-99	GUIDE TO PREPARING SUPERFUND PROPOSED PLANS RECORDS OF DECISION AND OTHER REMEDY SELECTION DECISION DOCUMENTS	
C905	01-Dec-11	AN APPROACH FOR EVALUATING THE PROGRESS OF NATURAL ATTENUATION IN GROUNDWATER	EPA 600/R-11/204
C906	01-Oct-07	MONITORED NATURAL ATTENUATION OF INORGANIC CONTAMINANTS IN GROUND WATER, VOLUME 1, TECHNICAL BASIS FOR ASSESSMENT	EPA/600/R-07/139
C907	01-Oct-07	MONITORED NATURAL ATTENUATION OF INORGANIC CONTAMINANTS IN GROUND WATER, VOLUME 2, ASSESSMENT FOR NON-RADIONUCLIDES INCLUDING ARSENIC, CADMIUM, CHROMIUM COPPER, LEAD, NICKEL, NITRATE, PERCHLORATE, AND SELENIUM	EPA/600/R-07/140