

Union Chemical Company, Inc.
National Priorities List (NPL) Site

Explanation of Significant Differences (ESD)

Administrative Record (AR)

Index

ESD Signed: June 30, 1994
Released Electronically: March 2016

Prepared by
EPA New England
Office of Site Remediation & Restoration

Introduction to the Collection

This document is the Index to the Administrative Record (AR) for the Explanation of Significant Differences (ESD) for the Union Chemical Co., Inc. site, South Hope, ME. The Index cites site-specific documents and guidance documents used by U.S. Environmental Protection Agency (EPA) staff in selecting a response action at the site.

The administrative record is available for public review at:

EPA New England Office of Site Remediation and Restoration
5 Post Office Square, Suite 100 (OSRR02-3)
Boston, MA 02109-3912
617-918-1440 (phone)
617-918-1223 (fax)
<http://www.epa.gov/cleanups/cleaning-new-england>

Hope Town Hall
441 Camden Road
Hope, ME 04847
(207) 763-4199 (phone)
(207) 763-4195 (fax)
<http://www.hopemaine.org/>

The 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 electronic versions of 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 keyword searches across all the files. 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 04: FEASIBILITY STUDY (FS)

535353 FOCUSED FEASIBILITY STUDY (FS) - REVISION 2

of Pages: 112

Doc Date: 06/25/1993

Author: , BALSAM ENVIRONMENTAL CONSULTANTS (INC

Addressee: , US EPA REGION 1

Doc Type: FEASIBILITY STUDY (FS)

File Break: 04.06

Access Type(s): REL

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Phase 05: RECORD OF DECISION (ROD)

41304	EXPLANATION OF SIGNIFICANT DIFFERENCES (ESD), WITH DECLARATION - UNION CHEMICAL	# of Pages: 17
		Doc Date: 06/30/1994

Author: , US EPA REGION 1	Addressee:	Doc Type: EXP SIGNIFICANT DIFF (ESD)	File Break: 05.04 Access Type(s): UCT
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535339	LETTER WITH COMMENT ON EXPLANATION OF SIGNIFICANT DIFFERENCES (ESD)	# of Pages: 1
		Doc Date: 11/30/1993

Author: CHRIS RUSHTON, MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION R	Addressee: TERRENCE CONNELLY, US EPA REGION 1	Doc Type: PUBLIC (AND OTHER) COMME	File Break: 05.04 Access Type(s): UCT
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535340	LETTER WITH COMMENTS ON 12/02/1993 LETTER REGARDING REMEDIAL ACTIONS AND ON-SITE DEWATERING AND THE EFFECT ON WELLS	# of Pages: 2
		Doc Date: 12/30/1993

Author: CHRIS RUSHTON, MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION R	Addressee: TERRENCE CONNELLY, US EPA REGION 1	Doc Type: PUBLIC (AND OTHER) COMME	File Break: 05.01 Access Type(s): UCT
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Phase 05: RECORD OF DECISION (ROD)

535341 LETTER REQUESTING FECAL COLIFORM TEST				# of Pages: 1
				Doc Date: 11/22/1991
Author: BRUCE (E) MELANSON, UNION (ME) RESIDENT	Addressee:	Doc Type: LETTER	File Break: 05.03	
			Access Type(s): UCT	
535342 LETTER REGARDING PROPOSED IN-SITU EXTRACTION				# of Pages: 1
				Doc Date: 12/02/1993
Author: BRUCE (E) MELANSON, UNION (ME) RESIDENT	Addressee: TERRENCE CONNELLY, US EPA REGION 1	Doc Type: LETTER	File Break: 05.03	
			Access Type(s): UCT	
535343 RESPONSIVENESS SUMMARY: PUBLIC COMMENTS ON PROPOSED EXPLANATION OF SIGNIFICANT DIFFERENCES (ESD)				# of Pages: 2
				Doc Date: 06/01/1994
Author:	Addressee:	Doc Type: PUBLIC (AND OTHER) COMME	File Break: 05.03	
			Access Type(s): UCT	

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Phase 06: REMEDIAL DESIGN (RD)

535345 MEMO REGARDING FEASIBILITY OF SOIL VENTING			# of Pages: 2
			Doc Date: 06/10/1992
Author: DOMINIC DIGIULIO, US EPA	Addressee: MICHAEL JASINSKI, US EPA REGION 1	Doc Type: MEMO	File Break: 06.01 Access Type(s): UCT
535346 MEMO REGARDING FEASIBILITY OF SOIL VENTING			# of Pages: 2
			Doc Date: 01/07/1993
Author: JONG SOO CHO, NONE	Addressee: EDWARD HATHAWAY, US EPA REGION 1	Doc Type: MEMO	File Break: 06.01 Access Type(s): UCT
535347 TRANSMITTAL LETTER FOR VAPOR EXTRACTION SUPPLEMENTAL INFORMATION REPORT (REPORT ATTACHED)			# of Pages: 20
			Doc Date: 01/12/1993
Author: DAVID P ROSENBLATT, BURNS & LEVINSON LLP	Addressee: EDWARD HATHAWAY, US EPA REGION 1	Doc Type: LETTER	File Break: 06.04 Access Type(s): UCT

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535348 LETTER REGARDING EVALUATING THE USE OF SOIL VAPOR EXTRACTION TECHNOLOGY (01/08/1993 LISTS OF PROS AND CONS ATTACHED)			# of Pages: 8 Doc Date: 02/10/1993
Author: ROBERT REIN, NUS CORP	Addressee: EDWARD HATHAWAY, US EPA REGION 1	Doc Type: LETTER	File Break: 06.04 Access Type(s): UCT
535349 MANAGEMENT OF MIGRATION PRE-DESIGN REPORT - VOLUME 1 OF 4			# of Pages: 149 Doc Date: 03/17/1993
Author: , BALSAM ENVIRONMENTAL CONSULTANTS (INC	Addressee: , US EPA REGION 1	Doc Type: REPORT	File Break: 06.04 Access Type(s): REL
535350 VAPOR EXTRACTION TREATABILITY STUDY - VOLUME 1 OF 23			# of Pages: 181 Doc Date: 04/03/1992
Author: , BALSAM ENVIRONMENTAL CONSULTANTS (INC	Addressee: , US EPA REGION 1	Doc Type: REPORT	File Break: 06.04 Access Type(s): REL

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Phase 06: REMEDIAL DESIGN (RD)

535351 VAPOR EXTRACTION TREATABILITY STUDY - VOLUME 2 OF 23			# of Pages: 303 Doc Date: 04/03/1992
Author: , BALSAM ENVIRONMENTAL CONSULTANTS (INC)	Addressee: , US EPA REGION 1	Doc Type: REPORT	File Break: 06.04 Access Type(s): REL
535354 SOURCE CONTROL PRE-DESIGN REPORT			# of Pages: 580 Doc Date: 03/15/1994
Author: , AMERICAN ENVIRONMENTAL CONSULTANTS	Addressee:	Doc Type: REPORT	File Break: 06.04 Access Type(s): UCT
535355 GROUNDWATER FLOW MODEL REMEDIAL ALTERNATIVE / REMEDIAL DESIGN (RD) EVALUATION			# of Pages: 158 Doc Date: 07/08/1993
Author: , BALSAM ENVIRONMENTAL CONSULTANTS (INC)	Addressee: , US EPA REGION 1	Doc Type: REPORT	File Break: 06.04 Access Type(s): UCT

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571853 VAPOR EXTRACTION TREATABILITY STUDY - VOLUME 3 OF 23 [MARGINALIA]			# of Pages: 563
			Doc Date: 04/03/1992
Author: , BALSAM ENVIRONMENTAL CONSULTANTS (INC)	Addressee: , US EPA REGION 1	Doc Type: REPORT	File Break: 06.04 Access Type(s): UCT
571854 VAPOR EXTRACTION TREATABILITY STUDY - VOLUME 4 OF 23 [MARGINALIA]			# of Pages: 686
			Doc Date: 04/03/1992
Author: , BALSAM ENVIRONMENTAL CONSULTANTS (INC)	Addressee: , US EPA REGION 1	Doc Type: REPORT	File Break: 06.04 Access Type(s): UCT
571855 VAPOR EXTRACTION TREATABILITY STUDY - VOLUME 5 OF 23 [MARGINALIA]			# of Pages: 555
			Doc Date: 04/03/1992
Author: , BALSAM ENVIRONMENTAL CONSULTANTS (INC)	Addressee: , US EPA REGION 1	Doc Type: REPORT	File Break: 06.04 Access Type(s): UCT

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571856 VAPOR EXTRACTION TREATABILITY STUDY - VOLUME 6 OF 23 [MARGINALIA]				# of Pages: 671
				Doc Date: 04/03/1992
Author: , BALSAM ENVIRONMENTAL CONSULTANTS (INC)	Addressee: , US EPA REGION 1	Doc Type: REPORT	File Break: 06.04	Access Type(s): UCT
571857 VAPOR EXTRACTION TREATABILITY STUDY - VOLUME 7 OF 23 [MARGINALIA]				# of Pages: 477
				Doc Date: 04/03/1992
Author: , BALSAM ENVIRONMENTAL CONSULTANTS (INC)	Addressee: , US EPA REGION 1	Doc Type: REPORT	File Break: 06.04	Access Type(s): UCT
571858 VAPOR EXTRACTION TREATABILITY STUDY - VOLUME 8 OF 23				# of Pages: 592
				Doc Date: 04/03/1992
Author: , BALSAM ENVIRONMENTAL CONSULTANTS (INC)	Addressee: , US EPA REGION 1	Doc Type: REPORT	File Break: 06.04	Access Type(s): UCT

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571859	VAPOR EXTRACTION TREATABILITY STUDY - VOLUME 9 OF 23	# of Pages: 637 Doc Date: 04/03/1992
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Author: , BALSAM ENVIRONMENTAL CONSULTANTS (INC)	Addressee: , US EPA REGION 1	Doc Type: REPORT	File Break: 06.04 Access Type(s): UCT
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571860	VAPOR EXTRACTION TREATABILITY STUDY - APPENDIX 1	# of Pages: 37 Doc Date: 04/10/1992
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Author: , BALSAM ENVIRONMENTAL CONSULTANTS (INC)	Addressee: , US EPA REGION 1	Doc Type: REPORT	File Break: 06.04 Access Type(s): UCT
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571861	VAPOR EXTRACTION TREATABILITY STUDY - VOLUMES 10 TO 22 [TARGET SHEET ONLY]	# of Pages: 1 Doc Date: 04/03/1992
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Author: , BALSAM ENVIRONMENTAL CONSULTANTS (INC)	Addressee:	Doc Type: REPORT	File Break: 06.04 Access Type(s): UCT
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571862 VAPOR EXTRACTION TREATABILITY STUDY - VOLUME 23 OF 23	# of Pages: 209 Doc Date: 04/03/1992
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Author: , BALSAM ENVIRONMENTAL CONSULTANTS (INC)	Addressee: , US EPA REGION 1	Doc Type: REPORT	File Break: 06.04 Access Type(s): UCT
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571865 MANAGEMENT OF MIGRATION (MOM) - PRE-DESIGN REPORT - VOLUME 2 OF 4	# of Pages: 796 Doc Date: 03/17/1993
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Author: , BALSAM ENVIRONMENTAL CONSULTANTS (INC)	Addressee: , US EPA REGION 1	Doc Type: REPORT	File Break: 06.04 Access Type(s): UCT
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571866 MANAGEMENT OF MIGRATION (MOM) - PRE-DESIGN REPORT - VOLUME 3 OF 4	# of Pages: 756 Doc Date: 03/17/1993
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Author: , BALSAM ENVIRONMENTAL CONSULTANTS (INC)	Addressee: , US EPA REGION 1	Doc Type: REPORT	File Break: 06.04 Access Type(s): UCT
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571867 MANAGEMENT OF MIGRATION (MOM) - PRE-DESIGN REPORT - VOLUME 4 OF 4 - REVISION NO. 1

of Pages: 746

Doc Date: 03/19/1993

Author: , BALSAM ENVIRONMENTAL CONSULTANTS (INC

Addressee: , US EPA REGION 1

Doc Type: REPORT

File Break: 06.04

Access
Type(s): UCT

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Phase 10: ENFORCEMENT/NEGOTIATION

501658 CONSENT DECREE (CD) - USA AND STATE OF MAINE V. MEARL CORP. ET AL - US DISTRICT COURT OF MAINE

of Pages: 145

Doc Date: 08/07/1991

Author: B J BEMBEN, STANLEY BOSTICH INC

RICHARD E GAGNON, COMMERCIAL
DISPOSAL COMPANY
HERMAN GALVIN, AXTON CROSS CO

DOUGLAS L GIBSON, BOSTON WHALER INC

DOUGLAS J HENDERSON, CINCINATTI
MILACRON HEALD CORP
FREDERIC T HERSEY, ANSON INC

CARMINE PICCIOLI, DIGITAL EQUIPMENT
CORP
, ARKWRIGHT INC

, CLEAN HARBORS INC

, EASTERN FINE PAPER INC

, EKCO GROUP INC

, ME DEPT OF ENVIRONMENTAL
PROTECTION AND BUREAU OF LAND
, TEXTRON INC

, US EPA REGION 1

Addressee:

Doc Type: CONSENT DECREE

File Break: 10.08

**Access
Type(s):** UCT

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Phase 13: COMMUNITY RELATIONS

274766		FACT SHEET: EPA PROPOSES CHANGE IN SOIL CLEANUP PLAN		# of Pages: 11
				Doc Date: 11/01/1993
Author: , US EPA REGION 1	Addressee:	Doc Type: FACT SHEET	File Break: 13.05	
			Access Type(s): UCT	
274768		ENVIRONMENTAL NEWS RELEASE: EPA AND THE MAINE DEPT OF ENVIRONMENTAL PROTECTION (MEDEP) ANNOUNCE A PUBLIC MEETING AND THE REMOVAL OF BUILDINGS AT THE UNION CHEMICAL SUPERFUND SITE		# of Pages: 2
				Doc Date: 10/25/1993
Author: , US EPA REGION 1	Addressee:	Doc Type: PUBLIC INFORMATION	File Break: 13.03	
			Access Type(s): UCT	
274770		ENVIRONMENTAL NEWS RELEASE: EPA AND MAINE DEPT OF ENVIRONMENTAL PROTECTION (MEDEP) ANNOUNCE PILOT STUDIES AT UNION CHEMICAL SITE IN SOUTH HOPE MAINE		# of Pages: 2
				Doc Date: 09/20/1991
Author: , US EPA REGION 1	Addressee:	Doc Type: PUBLIC INFORMATION	File Break: 13.03	
			Access Type(s): UCT	

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535357	NEWS ARTICLE: US EPA ANNOUNCES AN EXPLANATION OF SIGNIFICANT DIFFERENCES (ESD) FOR THE UNION CHEMICAL CO SUPERFUND SITE	# of Pages: 1
		Doc Date:

Author:	Addressee:	Doc Type: PUBLIC INFORMATION	File Break: 13.03 Access Type(s): UCT
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535358	TRANSCRIPT OF PUBLIC HEARING ON 11/29/1993	# of Pages: 9
		Doc Date: 11/29/1993

Author: KATHERINE MEYERS, STENOtype PLUS	Addressee:	Doc Type: PUBLIC (AND OTHER) COMME	File Break: 13.04 Access Type(s): UCT
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535359	LETTER REGARDING CONCERNS WITH RESPECT TO PROPOSED APPLICATION OF SOIL VAPOR EXTRACTION (SVE) TECHNOLOGY (07/13/1992 TRANSMITTAL LETTER ATTACHED)	# of Pages: 36
		Doc Date: 07/03/1992

Author: MICHAEL MARLEY, VAPEX ENVIRONMENTAL TECHNOLOGIES PETER NANGERONI, VAPEX ENVIRONMENTAL TECHNOLOGIES	Addressee: JOHN A GILBERT, BALSAM ENVIRONMENTAL CONSULTANTS INC	Doc Type: LETTER	File Break: 13.07 Access Type(s): UCT
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535360	LETTER REGARDING SUPPLEMENTARY RESPONSE ON SOIL VAPOR EXTRACTION (SVE) PILOT TESTS (08/07/1992 LETTER AND 10/28/1992 TRANSMITTAL LETTER ATTACHED)		# of Pages: 12 Doc Date: 10/09/1992
Author: MICHAEL MARLEY, VAPEX ENVIRONMENTAL TECHNOLOGIES PETER NANGERONI, VAPEX ENVIRONMENTAL TECHNOLOGIES	Addressee: JOHN O'DONNELL, BALSAM ENVIRONMENTAL CONSULTANTS INC	Doc Type: LETTER	File Break: 13.07 Access Type(s): UCT
535361	LETTER WITH COMMENTS ON PROPOSED VAPOR EXTRACTION SYSTEM (12/14/1992 TRANSMITTAL LETTER ATTACHED)		# of Pages: 15 Doc Date: 11/20/1992
Author: BENJAMIN ROSS, DISPOSAL SAFETY INC	Addressee: GINGER GRAHAM, HOPES COMMITTEE FOR A CLEAN ENVIRONMENT	Doc Type: LETTER	File Break: 13.07 Access Type(s): UCT

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Phase 17: SITE MANAGEMENT RECORDS

535362 REPORT: AN EVALUATION OF VAPOR EXTRACTION OF VADOSE ZONE CONTAMINATION

of Pages: 54

Doc Date: 05/01/1992

Author: AMELIA CROTWELL, US DOE/OAK RIDGE
NATIONAL LABORATORY
BRADFORD F LYON, NONE

JEAN M MACINNIS, NONE

CURTIS TRAVIS, US DOE/OAK RIDGE
NATIONAL LABORATORY
MARY J WAEHNER, US DOE/OAK RIDGE
NATIONAL LABORATORY

Addressee:

Doc Type: REPORT

File Break: 17.07

**Access
Type(s):** UCT

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Phase 20: RECORDS MANAGEMENT

535827 UNION CHEMICAL CO INC, EXPLANATION OF SIGNIFICANT DIFFERENCES (ESD) ADMINISTRATIVE RECORD (AR) INDEX

of Pages: 12

Doc Date: 06/30/1994

Author: , LABAT-ANDERSON INC

, US EPA REGION 1 - WASTE MANAGEMENT
DIVISION

Addressee:

Doc Type: ADMIN RECORD (AR) INDEX

File Break: 20.01

**Access
Type(s):** REL

Number of Documents in Administrative Record: 40

Selected Key Guidance Documents

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

DOCNUMBER	DOCDATE	TITLE	OSWEREPAID	AUTHOR
C223	9/1/1992	PROCEEDINGS OF THE SYMPOSIUM ON SOIL VENTING. APRIL 29 - MAY 1, 1991. HOUSTON, TX.	EPA 600/R-92/174	ORD