

Durham Meadows
NPL Site Administrative Record
Proposed Plan for the Record of
Decision (ROD)

July 2005

Prepared by
EPA New England
Office of Site Remediation &
Restoration

Introduction to the Collection

This is the administrative record file for the Durham Meadows Superfund Site, Durham, Connecticut, Proposed Plan for the Record of Decision (ROD), July, 2005. The file contains site-specific documents and a list of guidance documents used by EPA staff in selecting a response action at the site.

The administrative record file is available for review at:

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

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).

AR Collection: 3677
AR FOR PROPOSED PLAN
AR Collection QA Report
For External Use

03: REMEDIAL INVESTIGATION (RI)

67293 EVALUATION AND IN-DEPTH STUDY OF FRANK W STRING SCHOOL CONDITIONS (03/22/99
NOTIFICATION LETTER ATTACHED)

Author: CHARLES J NAFIE & ASSOCIATES

Doc Date: 01/01/0001 # of Pages: 198

Addressee: DURHAM (CT) TOWN OF

File Break: 03.01

Doc Type: REPORT

67269 PRELIMINARY HEALTH ASSESSMENT

Author: US AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY (ATSDR)

Doc Date: 06/01/1990 # of Pages: 13

Addressee:

File Break: 03.09

Doc Type: REPORT

67277 LETTER REGARDING 11/01/90 SAMPLING AND ANALYSIS RESULTS AT MERRIAM MANUFACTURING
COMPANY (MAP AND SUMMARY TABLE ATTACHED)

Author: CT DEPT OF ENVIRONMENTAL PROTECTION

Doc Date: 12/04/1990 # of Pages: 13

Addressee:

File Break: 03.02

Doc Type: LETTER

67294 DATA SUMMARY REPORT START INITIATIVE

Author: METCALF AND EDDY, INC

Doc Date: 04/01/1994 # of Pages: 943

Addressee: US EPA REGION 1

File Break: 03.04

Doc Type: REPORT

03: REMEDIAL INVESTIGATION (RI)

67281 WATER-RESOURCES INVESTIGATIONS REPORT - GEOHYDROLOGY AND WATER QUALITY OF DURHAM CENTER AREA, DURHAM, CONNECTICUT

Author: US GEOLOGICAL SURVEY

Doc Date: 01/01/1995 **# of Pages:** 122

Addressee:

File Break: 03.06

Doc Type: REPORT

67261 HEALTH CONSULTATION

Author: CT DEPT OF PUBLIC HEALTH

Doc Date: 04/19/1995 **# of Pages:** 9

Addressee: US EPA REGION 1

File Break: 03.09

Doc Type: REPORT

67262 HEALTH CONSULTATION

Author: US AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY (ATSDR)

Doc Date: 09/29/1995 **# of Pages:** 12

Addressee: US EPA REGION 1

File Break: 03.09

Doc Type: REPORT

67265 DRAFT, WORK PLAN FOR CONDUCTING REMEDIAL INVESTIGATION AND FEASIBILITY STUDY (RI/FS)

Author: LEGGETTE BRASHEARS & GRAHAM INC

Doc Date: 09/01/1997 **# of Pages:** 495

Addressee: DURHAM MANUFACTURING CO

File Break: 03.07

Doc Type: WORK PLAN

03: REMEDIAL INVESTIGATION (RI)

67257 SAMPLING DATA FOR PUMP TEST AT DURHAM FAIRGROUNDS (LETTER AND 06/17/05 FAX TRANSMITTAL ATTACHED)

Author: HYDRO DYNAMIC ENGINEERING

Doc Date: 05/10/1999 **# of Pages:** 11

Addressee: SIMA DRILLING CO INC

File Break: 03.01

Doc Type: SAMPLING & ANALYSIS DATA

67266 DRAFT DATA REPORT

Author: LEGGETTE BRASHEARS & GRAHAM INC

Doc Date: 08/01/1999 **# of Pages:** 567

Addressee: DURHAM MANUFACTURING CO

File Break: 03.02

Doc Type: REPORT

67259 DRAFT, DURHAM WATER SYSTEM EXTENSION FEASIBILITY STUDY (FS)

Author: FUSS & ONEILL INC

Doc Date: 05/01/2000 **# of Pages:** 48

Addressee: DURHAM (CT) TOWN OF

File Break: 03.01

Doc Type: REPORT

67283 DRAFT, PRELIMINARY WATER SYSTEM STUDY-DURHAM CENTER SYSTEM

Author: FUSS & ONEILL INC

Doc Date: 05/09/2002 **# of Pages:** 54

Addressee:

File Break: 03.01

Doc Type: REPORT

03: REMEDIAL INVESTIGATION (RI)

67270 REQUEST FOR PUBLIC HEALTH REVIEW

Author: US EPA REGION 1

Doc Date: 01/06/2003 **# of Pages:** 1

Addressee: US AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY (ATSDR)

File Break: 03.09

Doc Type: MEMO

67278 PLAN OF CONSERVATION AND DEVELOPMENT

Author: DURHAM (CT) TOWN OF

Doc Date: 03/01/2003 **# of Pages:** 179

Addressee:

File Break: 03.01

Doc Type: REPORT

233866 DRAFT, REUSE ASSESSMENT

Author: US EPA REGION 1

Doc Date: 09/30/2003 **# of Pages:** 20

Addressee:

File Break: 03.04

Doc Type: REPORT

67282 HEALTH ASSESSMENT - COMPARISON VALUE DETERMINATION FOR 1,4-DIOXANE IN DRINKING WATER

Author: CT DEPT OF PUBLIC HEALTH

Doc Date: 03/01/2004 **# of Pages:** 27

Addressee:

File Break: 03.09

Doc Type: REPORT

03: REMEDIAL INVESTIGATION (RI)

67267 REMEDIAL INVESTIGATION (RI) REPORT

Author: LEGGETTE BRASHEARS & GRAHAM INC
Addressee: DURHAM MANUFACTURING CO

Doc Date: 01/01/2005 **# of Pages:** 79
File Break: 03.06

Doc Type: REPORT

**67251 2004 ANNUAL GROUND WATER AND SOIL VAPOR QUARTERLY MONITORING REPORT (03/17/05
TRANSMITTAL LETTER ATTACHED)**

Author: ADVANCED ENVIRONMENTAL INTERFACE INC
Addressee: REGIONAL SCHOOL DISTRICT #13 (DURHAM, CT)

Doc Date: 02/01/2005 **# of Pages:** 141
File Break: 03.01

Doc Type: REPORT

67279 DURHAM ZONING REGULATIONS

Author: DURHAM (CT) TOWN OF
Addressee:

Doc Date: 02/01/2005 **# of Pages:** 131
File Break: 03.01

Doc Type: REPORT

67284 DRAFT FINAL BASELINE HUMAN HEALTH RISK ASSESSMENT REPORT

Author: METCALF & EDDY
Addressee:

Doc Date: 06/01/2005 **# of Pages:** 1181
File Break: 03.09

Doc Type: REPORT

03: REMEDIAL INVESTIGATION (RI)

67310 DRAFT FINAL REMEDIAL INVESTIGATION (RI) REPORT, VOLUME 2

Author: METCALF & EDDY

Doc Date: 06/01/2005 **# of Pages:** 413

Addressee:

File Break: 03.06

Doc Type: REPORT

67311 DRAFT FINAL TECHNICAL IMPRACTICABILITY EVALUATION REPORT

Author: METCALF & EDDY

Doc Date: 06/01/2005 **# of Pages:** 97

Addressee: US EPA REGION 1

File Break: 04.06

Doc Type: REPORT

67312 DRAFT FINAL REMEDIAL INVESTIGATION (RI) REPORT, VOLUME 1

Author: METCALF & EDDY

Doc Date: 06/01/2005 **# of Pages:** 384

Addressee:

File Break: 03.06

Doc Type: REPORT

67316 GROUND WATER USE AND VALUE DETERMINATION (07/06/05 TRANSMITTAL LETTER, 07/05/05 CONCLUSIONS AND RECOMMENDATIONS, MAPS ATTACHED)

Author: CT DEPT OF ENVIRONMENTAL PROTECTION

Doc Date: 06/30/2005 **# of Pages:** 17

Addressee:

File Break: 03.04

Doc Type: REPORT

03: REMEDIAL INVESTIGATION (RI)

67325 SCREENING LEVEL ECOLOGICAL RISK ASSESSMENT

Author: US EPA REGION 1

Doc Date: 06/30/2005 # of Pages: 66

Addressee:

File Break: 03.10

Doc Type: REPORT

04: FEASIBILITY STUDY (FS)

67323 WORK PLAN AMENDMENT AND COST TO COMPLETE ANALYSIS FOR REMEDIAL
INVESTIGATION/FEASIBILITY STUDY (RI/FS) OVERSIGHT

Author: METCALF & EDDY

Doc Date: 04/01/2003 # of Pages: 44

Addressee:

File Break: 04.07

Doc Type: REPORT

67322 SAMPLING AND ANALYSIS PLAN (FIELD SAMPLING PLAN AND QUALITY ASSURANCE PROJECT PLAN
(QAPP)) FOR REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS)

Author: METCALF & EDDY

Doc Date: 06/01/2004 # of Pages: 1182

Addressee:

File Break: 04.04

Doc Type: REPORT

04: FEASIBILITY STUDY (FS)

67313 DRAFT FINAL FEASIBILITY STUDY (FS) REPORT

Author: METCALF & EDDY

Doc Date: 06/01/2005 **# of Pages:** 630

Addressee:

File Break: 04.06

Doc Type: REPORT

67309 MEMO REGARDING DETAILED EVALUATION OF COMBINATIONS OF SPECIFIC REMEDIAL ALTERNATIVES (TABLES ATTACHED)

Author: METCALF & EDDY

Doc Date: 06/29/2005 **# of Pages:** 5

Addressee: US EPA REGION 1

File Break: 04.02

Doc Type: MEMO

67326 PROPOSED PLAN

Author: US EPA REGION 1

Doc Date: 07/01/2005 **# of Pages:** 30

Addressee:

File Break: 04.09

Doc Type: REPORT

10: ENFORCEMENT/NEGOTIATION

7309 ADMINISTRATIVE ORDER BY CONSENT FOR REMEDIAL INVESTIGATION/FEASIBILITY STUDY AND OTHER WORK. DOCKET NO. I-97-1033

Author: US EPA REGION 1

Doc Date: 06/30/1997 **# of Pages:** 123

Addressee:

File Break: 10.07

Doc Type: LITIGATION

11: POTENTIALLY RESPONSIBLE PARTY

67263 SUMMARY OF GROUND-WATER QUALITY INVESTIGATION

Author: LEGGETTE BRASHEARS & GRAHAM INC

Doc Date: 10/01/1982 **# of Pages:** 74

Addressee: DURHAM MANUFACTURING CO

File Break: 11.09

Doc Type: REPORT

67272 GROUND-WATER INVESTIGATION

Author: ROUX ASSOCIATES

Doc Date: 01/01/1983 **# of Pages:** 58

Addressee: MERRIAM MANUFACTURING CO

File Break: 11.09

Doc Type: REPORT

11: POTENTIALLY RESPONSIBLE PARTY

67264 SUMMARY OF SUBSURFACE INVESTIGATIONS DURING 1982-1993 AT DURHAM MANUFACTURING COMPANY (06/30/92 LETTER WITH APPENDICES ATTACHED)

Author: LEGGETTE BRASHEARS & GRAHAM INC

Doc Date: 01/07/1984 **# of Pages:** 244

Addressee: DURHAM MANUFACTURING CO

File Break: 11.09

Doc Type: REPORT

67273 DRAFT, SITE INVESTIGATION (SI) REPORT

Author: ROUX ASSOCIATES

Doc Date: 09/23/1988 **# of Pages:** 111

Addressee: MERRIAM MANUFACTURING CO

File Break: 11.09

Doc Type: REPORT

67274 PHASE 2 SITE INVESTIGATION (SI) REPORT, VOLUME 1

Author: ROUX ASSOCIATES

Doc Date: 01/22/1990 **# of Pages:** 106

Addressee: MERRIAM MANUFACTURING CO

File Break: 11.09

Doc Type: REPORT

67275 PHASE 2 SITE INVESTIGATION (SI) REPORT, VOLUME 2-APPENDICES

Author: ROUX ASSOCIATES

Doc Date: 01/22/1990 **# of Pages:** 260

Addressee: MERRIAM MANUFACTURING CO

File Break: 11.09

Doc Type: REPORT

11: POTENTIALLY RESPONSIBLE PARTY

67276 ADDENDUM TO PHASE 2 SITE INVESTIGATION (SI) REPORT

Author: ROUX ASSOCIATES
Addressee: MERRIAM MANUFACTURING CO

Doc Date: 06/20/1990 **# of Pages:** 98
File Break: 11.09

Doc Type: REPORT

67285 SOIL GAS SURVEY REPORT

Author: ROUX ASSOCIATES
Addressee: MERRIAM MANUFACTURING CO

Doc Date: 10/17/1990 **# of Pages:** 15
File Break: 11.09

Doc Type: REPORT

67260 SAMPLING RESULTS FROM MERRIAM MANUFACTURING PROPERTY (09/10/92 TRANSMITTAL LETTER ATTACHED)

Author: MERRIAM MANUFACTURING CO
Addressee: DURHAM (CT) TOWN OF

Doc Date: 09/01/1992 **# of Pages:** 27
File Break: 11.09

Doc Type: SAMPLING & ANALYSIS DATA

67271 104E INFORMATION REQUEST RESPONSE (PARTIAL RESPONSES ATTACHED)

Author: ROBINSON & COLE LLP
Addressee: US EPA REGION 1

Doc Date: 01/07/1994 **# of Pages:** 6
File Break: 11.09

Doc Type: LETTER

13: COMMUNITY RELATIONS

67320 NOTIFICATION OF PUBLIC INFORMATION MEETING FOR PROPOSED CLEANUP PLAN

Author: US EPA REGION 1

Addressee:

Doc Type: PRESS RELEASE

Doc Date: 01/01/0001 # of Pages: 1

File Break: 13.03

67321 MEETING FLYER ANNOUNCEMENT OF PUBLIC INFORMATION MEETING FOR PROPOSED CLEANUP PLAN

Author: US EPA REGION 1

Addressee:

Doc Type: PRESS RELEASE

Doc Date: 01/01/0001 # of Pages: 2

File Break: 13.03

67258 FACT SHEET

Author: US EPA REGION 1

Addressee:

Doc Type: FACT SHEET

Doc Date: 01/01/1998 # of Pages: 6

File Break: 13.03

67254 COMMUNITY UPDATE: 1,4 - DIOXANE

Author: US EPA REGION 1

Addressee:

Doc Type: FACT SHEET

Doc Date: 03/01/2004 # of Pages: 2

File Break: 13.03

13: COMMUNITY RELATIONS

67255 **COMMUNITY UPDATE: EPA TO BEGIN WORK AT FORMER LOCATION OF MERRIAM MANUFACTURING COMPANY**

Author: US EPA REGION 1

Doc Date: 05/01/2004 **# of Pages:** 2

Addressee:

File Break: 13.03

Doc Type: FACT SHEET

67253 **COMMUNITY UPDATE: 1,4 - DIOXANE**

Author: US EPA REGION 1

Doc Date: 06/01/2004 **# of Pages:** 4

Addressee:

File Break: 13.03

Doc Type: FACT SHEET

67256 **FACT SHEET (08/15/95 TRANSMITTAL MEMO AND 04/1993 ATSDR FACT SHEET ATTACHED)**

Author: CT DEPT OF PUBLIC HEALTH

Doc Date: 08/01/2004 **# of Pages:** 5

Addressee:

File Break: 13.03

Doc Type: FACT SHEET

67252 **COMMUNITY UPDATE: EPA TO EVALUATE SOIL GAS AND INDOOR AIR**

Author: US EPA REGION 1

Doc Date: 04/01/2005 **# of Pages:** 2

Addressee:

File Break: 13.03

Doc Type: FACT SHEET

13: COMMUNITY RELATIONS

233373 TRANSMITTAL OF RECORD OF DECISION (ROD) PROPOSED PLAN ADMINISTRATIVE RECORD FILE TO TOWN REPOSITORY

Author: US EPA REGION 1

Doc Date: 07/01/2005 **# of Pages:** 1

Addressee: DURHAM (CT) PUBLIC LIBRARY

File Break: 13.01

Doc Type: LETTER

67319 PRESS RELEASE: COMPREHENSIVE CLEANUP PLAN PROPOSED

Author: US EPA REGION 1

Doc Date: 07/07/2005 **# of Pages:** 3

Addressee:

File Break: 13.03

Doc Type: PRESS RELEASE

17: SITE MANAGEMENT RECORDS

67298 SOIL SURVEY OF MIDDLESEX COUNTY, CONNECTICUT

Author: CONNECTICUT AGRICULTURAL EXPERIMENT STATION

Doc Date: 01/01/0001 **# of Pages:** 8

Addressee: STORR AGRICULTURAL EXPERIMENT STATION
US DEPT OF AGRICULTURE SOIL CONSERVATION SERVICE

File Break: 17.08

Doc Type: REPORT

17: SITE MANAGEMENT RECORDS

67280 STUDY OF UNDERGROUND WATER RESOURCES OF CONNECTICUT

Author: US GEOLOGICAL SURVEY

Doc Date: 01/01/1999

of Pages: 203

Addressee:

File Break: 17.07

Doc Type: REPORT

67268 CLIMATOGRAPHY OF CONNECTICUT - MONTHLY STATION NORMALS OF TEMPERATURE, PRECIPITATION, AND HEATING AND COOLING DEGREE DAYS FROM 1971-2000

Author: NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

Doc Date: 02/01/2002

of Pages: 11

Addressee:

File Break: 17.08

Doc Type: REPORT

67295 MONTHLY STATION NORMALS OF TEMPERATURE, PRECIPITATION, AND HEATING AND COOLING DEGREE DAYS, 1971-200

Author: NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

Doc Date: 02/01/2002

of Pages: 23

Addressee:

File Break: 17.08

Doc Type: REPORT

Number of Documents in Collection55

INDEX OF GUIDANCE

- U.S. Army Corps of Engineers / U.S. Environmental Protection Agency (USACE/USEPA). 2000. *A Guide to Developing and Documenting Cost Estimates During the Feasibility Study*. EPA 540-R-00-002. July 2000.
- U.S. Environmental Protection Agency (USEPA). 1988. *Guidance for Conducting Remedial Investigations and Feasibility Studies Under CERCLA*. USEPA Office of Solid Waste and Emergency Response, Washington, D.C. Interim Final, October 1988.
- U.S. Environmental Protection Agency (USEPA). 1989. *Risk Assessment Guidance for Superfund. Volume I: Human Health Evaluation Manual. Part A*. Interim Final. EPA/540/1-89/002. December 1989.
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