

Olin Chemical

**NPL Site Administrative Record to Support
Engineering Evaluation/Cost Analysis
(EE/CA) for Non-Time Critical Removal
Action (NTCRA), Operable Unit 3 (OU3)**

Index

EE/CA Approval Memo Dated: May 26, 2011

Released: June 2011

Prepared by

**EPA New England Office of Site Remediation
and Restoration**

With Assistance from

ASRC Management Services

6301 Ivy Lane, Suite 300

Greenbelt, MD 20770

Introduction to the Collection

This is the Administrative Record Index for the Olin Chemical Superfund site, Wilmington, Massachusetts. The Administrative Record to support Engineering Evaluation / Cost Analysis (EE/CA) Approval Memorandum for a Non-Time Critical Removal Action (NTCRA) is released in June 2011. Section I of the Index cites site-specific documents, and Section II cites guidance documents used by the EPA staff in proposing a non-time critical removal action (NTCRA) response action at the site.

The administrative record file 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)

www.epa.gov/region01/superfund/resource/records.htm

Wilmington Memorial Library
175 Middlesex Avenue
Wilmington, MA 01887
781-769-0200 (phone)
wmlinfo@mvlc.org

An EE/CA 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 compact disc(s) (CD-ROM) containing 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 key word searches across all the files contained on the CD-ROM. 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. These metadata are provided as a convenience for the user and are not part of the Administrative Record.

Questions about this administrative record file should be directed to the EPA New England Remedial Project Manager.

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
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02: REMOVAL RESPONSE

File Break: 02.01

483495 [REDACTED] LETTER REGARDING RESIDENTIAL WELL SAMPLING

Author: MICHAEL J MURPHY MACTEC ENGINEERING AND CONSUL
Addressee: PETER THOMPSON MACTEC ENGINEERING AND CONSULTI
STEPHEN MORROW OLIN CORP
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 03/25/2011 **# of Pages:** 2
Weston Number:

483496 [REDACTED] LETTER REGARDING RESIDENTIAL WELL SAMPLING

Author: STEPHEN MORROW OLIN CORP
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 03/25/2011 **# of Pages:** 2
Weston Number:

483498 [REDACTED] LETTER REGARDING RESIDENTIAL WELL SAMPLING

Author: MICHAEL J MURPHY MACTEC ENGINEERING AND CONSUL
Addressee: PETER H THOMPSON MACTEC ENGINEERING AND CONSUL
STEVE MORROW OLIN CORP
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 03/25/2011 **# of Pages:** 2
Weston Number:

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File Break: 02.01

483499 [REDACTED] LETTER REGARDING RESIDENTIAL WELL SAMPLING

Author: STEVE MORROW OLIN CORP

Addressee: WILMINGTON (MA) - RESIDENT OF

Doc Type: LETTER
CORRESPONDENCE

Doc Date: 03/25/2011 # of Pages: 1

Weston Number:

483564 [REDACTED] EMAIL REGARDING PRIVATE WELL SAMPLING 2011 - 1ST QUARTER

Author: STEPHEN MORROW OLIN CORP

Addressee: JAMES DILORENZO US EPA REGION 1

Doc Type: CORRESPONDENCE
EMAIL

Doc Date: 03/24/2011 # of Pages: 2

Weston Number:

483565 [REDACTED] EMAIL REGARDING DRAFT REVIEW FOR PRIVATE WELL RESULTS QUARTER 3 AND 4

Author: STEPHEN MORROW OLIN CORP

Addressee: JAMES DILORENZO US EPA REGION 1

Doc Type: CORRESPONDENCE
EMAIL

Doc Date: 03/28/2011 # of Pages: 2

Weston Number:

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483566 [REDACTED] EMAIL REGARDING PRIVATE WELL QUARTER 3 AND 4, INTERNAL DRAFT

Author: STEPHEN MORROW OLIN CORP

Addressee: JAMES DILORENZO US EPA REGION 1

Doc Type: EMAIL
CORRESPONDENCE

Doc Date: 03/28/2011 # of Pages: 2

Weston Number:

483567 [REDACTED] EMAIL REGARDING COMMENTS ON REVISED PRIVATE WELL FIGURE

Author: STEPHEN MORROW OLIN CORP

Addressee: JAMES DILORENZO US EPA REGION 1

Doc Type: EMAIL
CORRESPONDENCE

Doc Date: 04/04/2011 # of Pages: 4

Weston Number:

483568 [REDACTED] EMAIL REGARDING COMMENTS ON REVISED PRIVATE WELL FIGURE (EMAIL HISTORY ATTACHED)

Author: STEPHEN MORROW OLIN CORP

Addressee: JAMES DILORENZO US EPA REGION 1

Doc Type: CORRESPONDENCE
EMAIL

Doc Date: 04/05/2011 # of Pages: 7

Weston Number:

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File Break: 02.01

483569 [REDACTED] EMAIL REGARDING PRIVATE WELL SAMPLING 2011, 1ST QUARTER (EMAIL HISTORY ATTACHED)

Author: HEATHER FORD NOBIS ENGINEERING INC

Doc Date: 03/28/2011 # of Pages: 3

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: EMAIL
CORRESPONDENCE

483570 [REDACTED] EMAIL REGARDING RESIDENTIAL WELL SAMPLING CONDUCTED ON 03/30/2011 AND 03/31/2011

Author: JEFFREY BRUNELLE NOBIS ENGINEERING INC

Doc Date: 04/11/2011 # of Pages: 2

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: CORRESPONDENCE
EMAIL

483571 [REDACTED] EMAIL REGARDING UPDATE OF WATER SOLUTION

Author: WILMINGTON (MA) - RESIDENT OF

Doc Date: 04/21/2011 # of Pages: 1

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: EMAIL
CORRESPONDENCE

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483572 [REDACTED] EMAIL REGARDING UPDATE ON POTENTIAL WATER SOLUTION OPTION (WITH EMAIL HISTORY)

Author: WILMINGTON (MA) - RESIDENT OF
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: CORRESPONDENCE
EMAIL

Doc Date: 04/25/2011 **# of Pages:** 2
Weston Number:

483574 [REDACTED] EMAIL REGARDING PRIVATE WELL LETTERS

Author: JAMES DILORENZO US EPA REGION 1
Addressee: STEPHEN MORROW OLIN CORP
Doc Type: CORRESPONDENCE
EMAIL

Doc Date: 03/29/2011 **# of Pages:** 1
Weston Number:

483575 [REDACTED] EMAIL REGARDING N-NITROSODIMETHYLAMINE (NDMA) IN PRIVATE WELLS DATA CONFIRMATION

Author: JAMES DILORENZO US EPA REGION 1
Addressee: WILMINGTON (MA) TOWN OF
Doc Type: CORRESPONDENCE
EMAIL

Doc Date: 04/11/2011 **# of Pages:** 2
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483577 [REDACTED] EMAIL REGARDING QUARTERS 1 AND 2 RESULT LETTERS (EMAIL HISTORY ATTACHED)

Author: STEPHEN MORROW OLIN CORP
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: CORRESPONDENCE
EMAIL

Doc Date: 01/13/2011 **# of Pages:** 2
Weston Number:

483578 [REDACTED] EMAIL REGARDING QUARTER 2 RESULT LETTERS (EMAIL HISTORY ATTACHED)

Author: STEPHEN MORROW OLIN CORP
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: CORRESPONDENCE
EMAIL

Doc Date: 01/13/2011 **# of Pages:** 2
Weston Number:

483579 [REDACTED] EMAIL REGARDING QUARTER 2 RESULTS LETTERS (EMAIL HISTORY ATTACHED)

Author: STEPHEN MORROW OLIN CORP
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: EMAIL
CORRESPONDENCE

Doc Date: 01/13/2011 **# of Pages:** 2
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483581 [REDACTED] EMAIL REGARDING BOTTLED WATER

Author: STEVEN G MORROW OLIN CHEMICAL CORP

Doc Date: 12/27/2010 # of Pages: 2

Addressee: BRIAN GUICHARD OLIN CHEMICAL

Weston Number:

Doc Type: CORRESPONDENCE
EMAIL

483582 [REDACTED] EMAIL CORRESPONDENCE REGARDING WELL WATER (EMAIL HISTORY ATTACHED)

Author: WILMINGTON (MA) - RESIDENT OF

Doc Date: 01/05/2011 # of Pages: 3

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: CORRESPONDENCE
EMAIL

483583 [REDACTED] EMAIL REGARDING WELL WATER APPOINTMENT (EMAIL HISTORY ATTACHED)

Author: WILMINGTON (MA) - RESIDENT OF

Doc Date: 01/05/2011 # of Pages: 5

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: EMAIL
CORRESPONDENCE

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483584 [REDACTED] EMAIL REGARDING WELL WATER APPOINTMENT (EMAIL HISTORY ATTACHED)

Author: WILMINGTON (MA) - RESIDENT OF
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: EMAIL
CORRESPONDENCE

Doc Date: 01/13/2011 **# of Pages:** 8
Weston Number:

483585 [REDACTED] EMAIL REGARDING WELL WATER APPOINTMENT CANCELLATION

Author: WILMINGTON (MA) - RESIDENT OF
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: EMAIL
CORRESPONDENCE

Doc Date: 01/17/2011 **# of Pages:** 1
Weston Number:

483587 [REDACTED] EMAIL REGARDING LOW-LEVEL PAHS DETECTED IN PRIVATE WELLS (EMAIL HISTORY ATTACHED)

Author: HEATHER FORD NOBIS ENGINEERING INC
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: CORRESPONDENCE
EMAIL

Doc Date: 01/25/2011 **# of Pages:** 4
Weston Number:

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File Break: 02.01

483588 [REDACTED] EMAIL REGARDING LOW-LEVEL PAHS DETECTED IN PRIVATE WELLS (EMAIL HISTORY ATTACHED)

Author: RICHARD SUGATT US EPA REGION 1
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: EMAIL
CORRESPONDENCE

Doc Date: 01/26/2011 **# of Pages:** 3
Weston Number:

483589 [REDACTED] EMAIL REGARDING RESIDENTIAL WELLS SUMMARY REPORT (EMAIL HISTORY ATTACHED)

Author: HEATHER FORD NOBIS ENGINEERING INC
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: CORRESPONDENCE
EMAIL

Doc Date: 02/04/2011 **# of Pages:** 7
Weston Number:

483591 [REDACTED] EMAIL REGARDING WELL WATER (EMAIL HISTORY ATTACHED)

Author: JAMES DILORENZO US EPA REGION 1
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: CORRESPONDENCE
EMAIL

Doc Date: 12/27/2010 **# of Pages:** 3
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File Break: 02.01

483592 [REDACTED] EMAIL REGARDING WELL WATER APPOINTMENT (EMAIL HISTORY ATTACHED)

Author: JAMES DILORENZO US EPA REGION 1
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: CORRESPONDENCE
EMAIL

Doc Date: 01/05/2011 **# of Pages:** 4
Weston Number:

483593 [REDACTED] EMAIL REGARDING WELL WATER APPOINTMENT (EMAIL HISTORY ATTACHED)

Author: JAMES DILORENZO US EPA REGION 1
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: EMAIL
CORRESPONDENCE

Doc Date: 01/05/2011 **# of Pages:** 6
Weston Number:

483596 [REDACTED] EMAIL TRANSMITTING RISK CALCULATION SPREADSHEETS REGARDING WELL

Author: STEVEN G MORROW OLIN CHEMICAL CORP
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: EMAIL
CORRESPONDENCE

Doc Date: 10/05/2010 **# of Pages:** 2
Weston Number:

OLIN CHEMICAL
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483597 [REDACTED] EMAIL TRANSMITTING DATA VALIDATION PACKAGE

Author: STEVEN G MORROW OLIN CHEMICAL CORP

Doc Date: 10/05/2010 # of Pages: 1

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: EMAIL
CORRESPONDENCE

483598 [REDACTED] EMAIL TRANSMITTING JULY AND AUGUST 2010 RESIDENTIAL WELL DATA VALIDATION REPORT

Author: STEVEN G MORROW OLIN CHEMICAL CORP

Doc Date: 10/05/2010 # of Pages: 1

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: CORRESPONDENCE
EMAIL

483599 [REDACTED] EMAIL TRANSMITTING WELL ANALYTICAL RESULTS

Author: STEVEN G MORROW OLIN CHEMICAL CORP

Doc Date: 10/18/2010 # of Pages: 2

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: CORRESPONDENCE
EMAIL

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484700 [REDACTED] EMAIL REGARDING OLIN WELL WATER SAMPLING SCHEDULE

Author: STEVEN G MORROW OLIN CHEMICAL CORP

Doc Date: 10/22/2010 # of Pages: 2

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: EMAIL
CORRESPONDENCE

484701 [REDACTED] EMAIL TRANSMITTING RISK CALCULATIONS FOR ALL DETECTED COMPOUNDS (EMAIL HISTORY ATTACHED)

Author: STEVEN G MORROW OLIN CHEMICAL CORP

Doc Date: 11/01/2010 # of Pages: 3

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: EMAIL
CORRESPONDENCE

484702 [REDACTED] EMAIL REGARDING PRIVATE WELLS

Author: RICHARD SUGATT US EPA REGION 1

Doc Date: 10/07/2010 # of Pages: 2

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: CORRESPONDENCE
EMAIL

OLIN CHEMICAL
AR Collection: 62047
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02: REMOVAL RESPONSE

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484703 [REDACTED] EMAIL REGARDING COMMENTS ON DATA PACKAGE OF PRIVATE WELL

Author: HEATHER FORD NOBIS ENGINEERING INC

Doc Date: 10/07/2010 # of Pages: 5

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: CORRESPONDENCE
SAMPLING DATA
EMAIL

484704 [REDACTED] EMAIL REGARDING APPOINTMENT FOR OLIN SAMPLING (EMAIL HISTORY ATTACHED)

Author: SHELLY NEWHOUSE NONE

Doc Date: 10/18/2010 # of Pages: 3

Addressee: MICHAEL J WEBSTER GEOINSIGHT INC

Weston Number:

MICHAEL WOODS WILMINGTON (MA) WATER & SEWER DIVISION
TOWN OF WILMINGTON

Doc Type: EMAIL
CORRESPONDENCE

484705 [REDACTED] EMAIL REGARDING LETTER TO RESIDENT TRANSMITTING SUGGESTED REVISIONS

Author: RICHARD SUGATT US EPA REGION 1

Doc Date: 10/19/2010 # of Pages: 2

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: CORRESPONDENCE
EMAIL

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484706 [REDACTED] EMAIL REGARDING N-NITROSODIMETHYLAMINE (NDMA) WELLS

Author: TOWN OF WILMINGTON

Doc Date: 11/12/2010

of Pages: 2

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: EMAIL
CORRESPONDENCE

484707 [REDACTED] EMAIL REGARDING SAMPLING OF AREA RESIDENTIAL WELLS AT SITE (EMAIL HISTORY ATTACHED)

Author: JAMES DILORENZO US EPA REGION 1

Doc Date: 09/03/2010

of Pages: 3

Addressee: JOEL J TRIFILO GEOINSIGHT INC

Weston Number:

Doc Type: CORRESPONDENCE
EMAIL

484708 [REDACTED] EMAIL REGARDING OLIN RESIDENTIAL WELLS SUMMARY

Author: JAMES DILORENZO US EPA REGION 1

Doc Date: 09/16/2010

of Pages: 4

Addressee: JULIE COSIO MA DEPT OF PUBLIC HEALTH

Weston Number:

Doc Type: CORRESPONDENCE
EMAIL

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File Break: 02.01

484709 [REDACTED] EMAIL REGARDING PRIVATE WELLS

Author: JAMES DILORENZO US EPA REGION 1

Doc Date: 10/05/2010 # of Pages: 1

Addressee: HEATHER FORD NOBIS ENGINEERING INC
RICHARD SUGATT US EPA REGION 1

Weston Number:

Doc Type: CORRESPONDENCE
EMAIL

484710 [REDACTED] EMAIL TRANSMITTING PRIVATE WELL FACTORS

Author: JAMES DILORENZO US EPA REGION 1

Doc Date: 10/21/2010 # of Pages: 1

Addressee: HEATHER FORD NOBIS ENGINEERING INC

Weston Number:

Doc Type: CORRESPONDENCE
EMAIL

484711 [REDACTED] EMAIL REGARDING JEFF AVAILABILITY OF PRIVATE WELL SAMPLING

Author: JAMES DILORENZO US EPA REGION 1

Doc Date: 10/25/2010 # of Pages: 2

Addressee: HEATHER FORD NOBIS ENGINEERING INC

Weston Number:

Doc Type: CORRESPONDENCE
EMAIL

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484712 [REDACTED] EMAIL REGARDING N-NITROSODIMETHYLAMINE (NDMA) IN WELLS

Author: JAMES DILORENZO US EPA REGION 1

Doc Date: 11/12/2010 # of Pages: 1

Addressee: TOWN OF WILMINGTON

Weston Number:

Doc Type: CORRESPONDENCE
EMAIL

484713 [REDACTED] EMAIL REGARDING N-NITROSODIMETHYLAMINE (NDMA) IN WELLS AND ASKING FOR POSIBILITY TO GET IN TOUCH WITH OWNERS (EMAIL HISTORY ATTACHED)

Author: JAMES DILORENZO US EPA REGION 1

Doc Date: 11/12/2010 # of Pages: 2

Addressee: TOWN OF WILMINGTON

Weston Number:

Doc Type: EMAIL
CORRESPONDENCE

484714 [REDACTED] EMAIL REGARDING RECOMMENDATION THAT WELL WATER NO LONGER BE USED FOR DRINKING OR COOKING PURPOSES DUE TO CONTINUED DETECTION OF NDMA

Author: JAMES DILORENZO US EPA REGION 1

Doc Date: 11/12/2010 # of Pages: 1

Addressee: WILMINGTON (MA) - RESIDENT OF

Weston Number:

Doc Type: CORRESPONDENCE
EMAIL

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484715 [REDACTED] EMAIL TRANSMITTING OLIN RISK ASSESSMENT OF PRIVATE WELLS (EMAIL HISTORY ATTACHED)

Author: HEATHER FORD NOBIS ENGINEERING INC

Doc Date: 01/12/2010 # of Pages: 2

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: EMAIL
CORRESPONDENCE

484716 [REDACTED] EMAIL TRANSMITTING SUMMARY DATA TABLE REGARDING RESIDENTIAL WELL SAMPLING

Author: HEATHER FORD NOBIS ENGINEERING INC

Doc Date: 08/20/2010 # of Pages: 1

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: EMAIL
CORRESPONDENCE

484717 [REDACTED] EMAIL REGARDING RESAMPLE OF HOME OWNER WELL MAP 24 LOT 54

Author: STEVEN G MORROW OLIN CHEMICAL CORP

Doc Date: 02/19/2009 # of Pages: 1

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: CORRESPONDENCE
EMAIL

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484718 [REDACTED] EMAIL CONCERNING WATER TEST RESULTS

Author: WILMINGTON (MA) - RESIDENT OF
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: CORRESPONDENCE
EMAIL

Doc Date: 02/23/2009 **# of Pages:** 2
Weston Number:

484719 [REDACTED] EMAIL REGARDING RESPONSE TO WATER TEST

Author: WILMINGTON (MA) - RESIDENT OF
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: EMAIL
CORRESPONDENCE

Doc Date: 02/27/2009 **# of Pages:** 4
Weston Number:

484720 [REDACTED] EMAIL REGARDING WILMINGTON SAMPLING (EMAIL HISTORY ATTACHED)

Author: STEVEN G MORROW OLIN CHEMICAL CORP
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: EMAIL
CORRESPONDENCE

Doc Date: 02/27/2009 **# of Pages:** 2
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484721 [REDACTED] EMAIL REGARDING WATER TEST (EMAIL HISTORY ATTACHED)

Author: WILMINGTON (MA) - RESIDENT OF
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: EMAIL
CORRESPONDENCE

Doc Date: 02/27/2009 **# of Pages:** 5
Weston Number:

484722 [REDACTED] EMAIL TRANSMITTING PRIVATE WELL SAMPLE RESULT COMMUNICATIONS

Author: STEVEN G MORROW OLIN CHEMICAL CORP
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: CORRESPONDENCE
EMAIL

Doc Date: 03/02/2009 **# of Pages:** 1
Weston Number:

484723 [REDACTED] EMAIL REGARDING DRAFT RESPONSE TO RESIDENTIAL WELL LETTER (EMAIL HISTORY ATTACHED)

Author: STEVEN G MORROW OLIN CHEMICAL CORP
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: EMAIL
CORRESPONDENCE

Doc Date: 03/04/2009 **# of Pages:** 2
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484724 [REDACTED] EMAIL TRANSMITTING LATEST CALCULATIONS OF CANCER RISK OF DRINKING WATER OF PRIVATE WELLS (EMAIL HISTORY ATTACHED)

Author: CYNTHIA WOODS AVATAR ENVIRONMENTAL

Doc Date: 05/14/2009 # of Pages: 5

Addressee: RICHARD SUGATT US EPA REGION 1

Weston Number:

Doc Type: CORRESPONDENCE
EMAIL

484725 [REDACTED] EMAIL REQUESTING COMPLETE LABORATORY DATA PACKAGE

Author: STEVEN G MORROW OLIN CHEMICAL CORP

Doc Date: 06/08/2009 # of Pages: 3

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: CORRESPONDENCE
EMAIL

484726 [REDACTED] EMAIL REGARDING WILMINGTON HOME OWNER SAMPLING PROGRAM

Author: STEVEN G MORROW OLIN CHEMICAL CORP

Doc Date: 06/10/2009 # of Pages: 2

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: CORRESPONDENCE
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484727 [REDACTED] EMAIL REGARDING WILMINGTON HOME OWNER WELL LETTERS

Author: STEVEN G MORROW OLIN CHEMICAL CORP

Doc Date: 09/22/2009 # of Pages: 1

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: EMAIL
CORRESPONDENCE

484728 [REDACTED] EMAIL REGARDING OLIN DRINKING WATER SAMPLING SCHEDULE

Author: STEVEN G MORROW OLIN CHEMICAL CORP

Doc Date: 11/02/2009 # of Pages: 2

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: EMAIL
CORRESPONDENCE

484729 [REDACTED] EMAIL REGARDING OLIN DRIKING WATER SAMPLING SCHEDULE (EMAIL HISTORY ATTACHED)

Author: STEVEN G MORROW OLIN CHEMICAL CORP

Doc Date: 11/09/2009 # of Pages: 2

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: CORRESPONDENCE
EMAIL

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

484730 [REDACTED] EMAIL TRANSMITTING SUPPORTING SPREADSHEETS FOR DRINKING WATER WELL RISK BASED ON NOVEMBER 2009 SAMPLING (EMAIL HISTORY ATTACHED)

Author: CYNTHIA WOODS AVATAR ENVIRONMENTAL

Doc Date: 02/01/2010 # of Pages: 2

Addressee: RICHARD SUGATT US EPA REGION 1

Weston Number:

Doc Type: EMAIL
CORRESPONDENCE

484731 [REDACTED] EMAIL REGARDING WILMINGTON HOME OWNER SAMPLING PROGRAM (EMAIL HISTORY ATTACHED)

Author: HEATHER FORD NOBIS ENGINEERING INC

Doc Date: 02/23/2010 # of Pages: 3

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: CORRESPONDENCE
EMAIL

484732 [REDACTED] EMAIL REGARDING PENDING PRIVATE WELL SAMPLES

Author: WILMINGTON (MA) - RESIDENT OF

Doc Date: 10/29/2008 # of Pages: 2

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: CORRESPONDENCE
EMAIL

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

484733 [REDACTED] EMAIL REGARDING PRIVATE WELL COMMUNICATIONS

Author: STEVEN G MORROW OLIN CHEMICAL CORP

Doc Date: 02/10/2009 # of Pages: 2

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: CORRESPONDENCE
EMAIL

484734 [REDACTED] EMAIL REGARDING DRAFT LETTER

Author: STEVEN G MORROW OLIN CHEMICAL CORP

Doc Date: 10/04/2010 # of Pages: 1

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: CORRESPONDENCE
EMAIL

484735 [REDACTED] EMAIL REGARDING OLIN CORRESPONDENCE DATED 04/07/2011

Author: WILMINGTON (MA) - RESIDENT OF

Doc Date: 04/11/2011 # of Pages: 1

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: EMAIL
CORRESPONDENCE

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

484736 [REDACTED] EMAIL CORRESPONDENCE REGARDING WELL WATER

Author: WILMINGTON (MA) - RESIDENT OF
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: EMAIL
CORRESPONDENCE

Doc Date: 12/24/2010 **# of Pages:** 2
Weston Number:

484737 [REDACTED] EMAIL SUMMARIZING PRIVATE WELL SAMPLING EFFORT

Author: JAMES DILORENZO US EPA REGION 1
Addressee: JULIE COSIO MA DEPT OF PUBLIC HEALTH
Doc Type: CORRESPONDENCE
EMAIL

Doc Date: 08/20/2010 **# of Pages:** 2
Weston Number:

484738 [REDACTED] EMAIL REGARDING WELL WATER APPOINTMENT CANCELLATION (EMAIL HISTORY ATTACHED)

Author: JAMES DILORENZO US EPA REGION 1
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: EMAIL
CORRESPONDENCE

Doc Date: 01/18/2011 **# of Pages:** 2
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

484739 LETTER REGARDING RESIDENTIAL WELL SAMPLING

Author: MICHAEL J MURPHY MACTEC ENGINEERING AND CONSUL
Addressee: PETER THOMPSON MACTEC ENGINEERING AND CONSULTI
STEVE MORROW OLIN CORP
Doc Type: LETTER
CORRESPONDENCE

Doc Date: 01/24/2011 **# of Pages:** 2
Weston Number:

484786 SAMPLE RECEIPT MEMORANDUM

Author: DAN BOUDREAU US EPA REGION 1
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: MEMO
CORRESPONDENCE

Doc Date: 11/09/2009 **# of Pages:** 1
Weston Number:

484791 SAMPLE RECEIPT MEMORANDUM

Author: DAN BOUDREAU US EPA REGION 1
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: CORRESPONDENCE
MEMO

Doc Date: 11/12/2008 **# of Pages:** 2
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

485002 [REDACTED] TRANSMITTAL LETTER FOR DATA VALIDATION SUMMARY AND LABORATORY ANALYTICAL DATA

Author: STEPHEN MORROW OLIN CORP
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 01/11/2011 **# of Pages:** 1
Weston Number:

485004 [REDACTED] LETTER REGARDING RESIDENTIAL WELL SAMPLING

Author: MICHAEL J MURPHY MACTEC ENGINEERING AND CONSUL
Addressee: PETER THOMPSON MACTEC ENGINEERING AND CONSULTI
STEVE MORROW OLIN CORP
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 01/11/2011 **# of Pages:** 1
Weston Number:

485007 [REDACTED] LETTER CONCERNING RESULTS OF RESIDENTIAL WELL SAMPLING PERFORMED IN MARCH AND JULY 2010 (SUPPORTING DOCUMENTATION ATTACHED)

Author: STEVE MORROW OLIN CORP
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: LETTER
CORRESPONDENCE

Doc Date: 09/23/2010 **# of Pages:** 4
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

485014 [REDACTED] EXCERPT REGARDING SAMPLING OF PRIVATE WELLS

Author:
Addressee:
Doc Type: REPORT

Doc Date: 01/01/1111 **# of Pages:** 1
Weston Number:

485015 [REDACTED] LETTER PROVIDING EXPLANATION OF GROUNDWATER RESULTS FOR RESIDENTIAL WELL

Author: JAMES DILORENZO US EPA REGION 1
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 10/19/2010 **# of Pages:** 2
Weston Number:

485020 [REDACTED] LETTER REGARDING RESULTS OF WELL SAMPLING CONDUCTED IN DECEMBER 2008 (SUPPORTING DOCUMENTATION ATTACHED)

Author: STEVE MORROW OLIN CORP
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: LETTER
CORRESPONDENCE

Doc Date: 02/20/2009 **# of Pages:** 21
Weston Number:

485021 [REDACTED] DRAFT, LETTER REGARDING DETECTION OF NDMA IN WELL WATER

Author: JAMES DILORENZO US EPA REGION 1
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 02/13/2009 **# of Pages:** 2
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

485022 [REDACTED] LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN MARCH 2010 (07/23/2010 LETTER AND 07/08/2008 DATA VALIDATION SUMMARY TEST AMERICA DATA SETS 360-27496-1 AND 360-27496-2 ATTACHED) [MARGINALIA]

Author: STEVE MORROW OLIN CORP

Doc Date: 08/04/2010 # of Pages: 58

Addressee: WILMINGTON (MA) - RESIDENT OF

Weston Number:

Doc Type: CORRESPONDENCE
LETTER

485023 [REDACTED] LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN MARCH 2010 (07/23/2010 LETTER AND 07/08/2008 DATA VALIDATION SUMMARY, TEST AMERICA DATA SETS 360-27496-1 AND 360-27496-2 ATTACHED)

Author: STEVE MORROW OLIN CORP

Doc Date: 08/04/2010 # of Pages: 58

Addressee: WILMINGTON (MA) - RESIDENT OF

Weston Number:

Doc Type: CORRESPONDENCE
LETTER

485024 [REDACTED] LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN MARCH 2010 (07/23/2010 LETTER AND 07/08/2008 DATA VALIDATION SUMMARY TEST AMERICA DATA SETS 360-27496-1 AND 360-27496-2 ATTACHED) [MARGINALIA]

Author: STEVE MORROW OLIN CORP

Doc Date: 08/04/2010 # of Pages: 58

Addressee: WILMINGTON (MA) - RESIDENT OF

Weston Number:

Doc Type: CORRESPONDENCE
LETTER

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

485025 [REDACTED] LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN MARCH 2010 (07/23/2010 LETTER AND 07/08/2008 DATA VALIDATION SUMMARY TEST AMERICA DATA SETS 360-27496-1 AND 360-27496-2 ATTACHED) [MARGINALIA]

Author: STEVE MORROW OLIN CORP

Doc Date: 08/04/2010 # of Pages: 58

Addressee: WILMINGTON (MA) - RESIDENT OF

Weston Number:

Doc Type: LETTER
CORRESPONDENCE

485026 [REDACTED] LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN MARCH 2010 (07/23/2010 LETTER AND 07/08/2008 DATA VALIDATION SUMMARY TEST AMERICA DATA SETS 360-27496-1 AND 360-27496-2 ATTACHED) [MARGINALIA]

Author: STEVE MORROW OLIN CORP

Doc Date: 08/04/2010 # of Pages: 58

Addressee: WILMINGTON (MA) - RESIDENT OF

Weston Number:

Doc Type: LETTER
CORRESPONDENCE

485027 [REDACTED] LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN MARCH 2010 (07/23/2010 LETTER AND 07/08/2008 DATA VALIDATION SUMMARY TEST AMERICA DATA SETS 360-27496-1 AND 360-27496-2 ATTACHED) [MARGINALIA]

Author: STEVE MORROW OLIN CORP

Doc Date: 08/04/2010 # of Pages: 58

Addressee: WILMINGTON (MA) - RESIDENT OF

Weston Number:

Doc Type: CORRESPONDENCE
LETTER

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

485028 [REDACTED] LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN MARCH 2010 (07/23/2010 LETTER AND 07/08/2008 DATA VALIDATION SUMMARY TEST AMERICA DATA SETS 360-27496-1 AND 360-27496-2 ATTACHED) [MARGINALIA]

Author: STEVE MORROW OLIN CORP

Doc Date: 08/03/2010 # of Pages: 46

Addressee: WILMINGTON (MA) - RESIDENT OF

Weston Number:

Doc Type: LETTER
CORRESPONDENCE

485029 [REDACTED] LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN DECEMBER 2008 (03/04/2009 LETTER AND LABORATORY ANALYSIS REPORT ATTACHED)

Author: STEVE MORROW OLIN CORP

Doc Date: 03/04/2009 # of Pages: 21

Addressee: WILMINGTON (MA) - RESIDENT OF

Weston Number:

Doc Type: LETTER
CORRESPONDENCE

485030 [REDACTED] LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN DECEMBER 2008 (03/04/2009 LETTER AND LABORATORY ANALYSIS REPORT ATTACHED)

Author: STEVE MORROW OLIN CORP

Doc Date: 03/04/2009 # of Pages: 21

Addressee: WILMINGTON (MA) - RESIDENT OF

Weston Number:

Doc Type: CORRESPONDENCE
LETTER

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

485031 [REDACTED] LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN MARCH AND JULY 2010 (10/15/2010 LETTER AND 07/08/2008 DATA VALIDATION SUMMARY TEST AMERICA DATA SETS 360-27496-1 AND 360-27496-2 ATTACHED) [MARGINALIA]

Author: STEVE MORROW OLIN CORP

Doc Date: 10/15/2010 # of Pages: 84

Addressee: WILMINGTON (MA) - RESIDENT OF

Weston Number:

Doc Type: LETTER
CORRESPONDENCE

485032 [REDACTED] LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN JANUARY 2009 (04/16/2009 LETTER AND LABORATORY ANALYSIS REPORT ATTACHED) [MARGINALIA]

Author: STEVE MORROW OLIN CORP

Doc Date: 04/21/2009 # of Pages: 24

Addressee: WILMINGTON (MA) - RESIDENT OF

Weston Number:

Doc Type: CORRESPONDENCE
LETTER

485033 [REDACTED] LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN MARCH 2009

Author: STEVE MORROW OLIN CORP

Doc Date: 09/22/2009 # of Pages: 1

Addressee: WILMINGTON (MA) - RESIDENT OF

Weston Number:

Doc Type: CORRESPONDENCE
LETTER

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

485034 [REDACTED] LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN MARCH 2009 (06/02/2009 DATA VALIDATION SUMMARY TEST AMERICA DATA SET 360-21622 ATTACHED) [MARGINALIA]

Author: MICHAEL J MURPHY MACTEC ENGINEERING AND CONSUL
Addressee: PETER THOMPSON MACTEC ENGINEERING AND CONSULTI
STEVE MORROW OLIN CORP
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 09/21/2009 **# of Pages:** 15
Weston Number:

485035 [REDACTED] LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN NOVEMBER 2009 (02/08/2010 LETTER AND 12/22/2009 DATA VALIDATION SUMMARY TEST AMERICA DATA SETS 360-25526-1 AND 360-25526-2 ATTACHED) [MARGINALIA]

Author: STEVE MORROW OLIN CORP
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: LETTER
CORRESPONDENCE

Doc Date: 02/10/2010 **# of Pages:** 44
Weston Number:

485036 [REDACTED] LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN MARCH 2009 (09/21/2009 LETTER AND 06/02/2009 DATA VALIDATION SUMMARY TEST AMERICA DATA SET 360-21622 ATTACHED) [MARGINALIA]

Author: STEVE MORROW OLIN CORP
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: LETTER
CORRESPONDENCE

Doc Date: 09/22/2009 **# of Pages:** 16
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

485037 [REDACTED] LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN NOVEMBER 2009 (02/08/2010 LETTER AND 12/22/2009 DATA VALIDATION SUMMARY TEST AMERICA DATA SETS 360-25526-1 AND 360-25526-2 ATTACHED) [MARGINALIA]

Author: STEVE MORROW OLIN CORP

Doc Date: 02/10/2010 # of Pages: 33

Addressee: WILMINGTON (MA) - RESIDENT OF

Weston Number:

Doc Type: LETTER
CORRESPONDENCE

485038 [REDACTED] LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN JULY, AUGUST AND SEPTEMBER 2010 (SUPPORTING DOCUMENTATION ATTACHED) [MARGINALIA]

Author: STEVE MORROW OLIN CORP

Doc Date: 11/29/2010 # of Pages: 36

Addressee: WILMINGTON (MA) - RESIDENT OF

Weston Number:

Doc Type: CORRESPONDENCE
LETTER

485039 [REDACTED] LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN NOVEMBER 2009 (SUPPORTING DOCUMENTATION ATTACHED) [MARGINALIA]

Author: STEVE MORROW OLIN CORP

Doc Date: 01/14/2010 # of Pages: 34

Addressee: WILMINGTON (MA) - RESIDENT OF

Weston Number:

Doc Type: CORRESPONDENCE
LETTER

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

485040 [REDACTED] LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN NOVEMBER 2009 (SUPPORTING DOCUMENTATION ATTACHED) [MARGINALIA]

Author: STEVE MORROW OLIN CORP

Doc Date: 01/14/2010 # of Pages: 45

Addressee: WILMINGTON (MA) - RESIDENT OF

Weston Number:

Doc Type: CORRESPONDENCE
LETTER

485041 [REDACTED] LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN OCTOBER 2008 (SUPPORTING DOCUMENTATION ATTACHED) [MARGINALIA]

Author: STEVE MORROW OLIN CORP

Doc Date: 02/18/2009 # of Pages: 23

Addressee: WILMINGTON (MA) - RESIDENT OF

Weston Number:

Doc Type: CORRESPONDENCE
LETTER

485042 [REDACTED] LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN JULY AND AUGUST 2010 (CERTIFIED MAIL RECEIPTS AND SUPPORTING DOCUMENTATION ATTACHED)

Author: STEVE MORROW OLIN CORP

Doc Date: 01/17/2011 # of Pages: 46

Addressee: WILMINGTON (MA) - RESIDENT OF

Weston Number:

Doc Type: LETTER
CORRESPONDENCE

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

485043 [REDACTED] LETTER REGARDING RESIDENTIAL WELL SAMPLING

Author: MICHAEL J MURPHY MACTEC ENGINEERING AND CONSUL
Addressee: PETER THOMPSON MACTEC ENGINEERING AND CONSULTI
STEVE MORROW OLIN CORP
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 01/24/2011 **# of Pages:** 2
Weston Number:

485048 LETTER REGARDING PRIVATE DRINKING WATER WELL [BEST AVAILABLE COPY]

Author: SHELLY NEWHOUSE WILMINGTON (MA) BOARD OF HEALT
Addressee:
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 01/01/1111 **# of Pages:** 1
Weston Number:

485075 PRIVATE WELL SURVEY

Author: US EPA REGION 1
Addressee:
Doc Type: FORM

Doc Date: 01/01/1111 **# of Pages:** 2
Weston Number:

485082 MEMO CONCERNING NDMA IN PRIVATE WELLS AND RECOMMENDATION TO DISCONTINUE CONSUMPTION

Author: JAMES DILORENZO US EPA REGION 1
Addressee: JAMES T OWENS US EPA REGION 1
Doc Type: MEMO
CORRESPONDENCE

Doc Date: 11/01/2010 **# of Pages:** 1
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

485096 EMAIL REGARDING ADDITIONAL CONTAMINANTS LIST (EMAIL HISTORY AND TABLE OF PROPOSED ADDITIONAL DRINKING WELL ANALYTES ATTACHED)
[MARGINALIA]

Author: RICHARD SUGATT US EPA REGION 1

Doc Date: 01/26/2009 # of Pages: 3

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: EMAIL
CORRESPONDENCE

485502 [REDACTED] REQUEST TO REDUCE EXPOSURE TO NDMA (ROUTING AND TRANSMITTAL SLIP ATTACHED) (WITH CONCURRENCES)

Author: JAMES T OWENS US EPA REGION 1

Doc Date: 11/01/2010 # of Pages: 4

Addressee: GARLAND HILLIARD OLIN CORP

Weston Number:

Doc Type: CORRESPONDENCE
LETTER

485503 [REDACTED] DETECTED CONCENTRATIONS 2008 TO 2009 PRIVATE WELL RESULTS

Author: JAMES T OWENS US EPA REGION 1

Doc Date: 02/01/2009 # of Pages: 2

Addressee:

Weston Number:

Doc Type: REPORT

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

485504 [REDACTED] LETTER REGARDING RESIDENTIAL WELL SAMPLING CONDUCTED IN AUGUST 2010

Author: MICHAEL J MURPHY MACTEC ENGINEERING AND CONSUL
Addressee: PETER THOMPSON MACTEC ENGINEERING AND CONSULTI
STEVE MORROW OLIN CORP
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 01/24/2011 **# of Pages:** 2
Weston Number:

485507 [REDACTED] LETTER REGARDING RESIDENTIAL WELL SAMPLING CONDUCTED IN AUGUST 2010

Author: MICHAEL J MURPHY MACTEC ENGINEERING AND CONSUL
Addressee: PETER THOMPSON MACTEC ENGINEERING AND CONSULTI
STEVE MORROW OLIN CORP
Doc Type: LETTER
CORRESPONDENCE

Doc Date: 01/24/2011 **# of Pages:** 2
Weston Number:

485508 [REDACTED] LETTER REGARDING RESIDENTIAL WELL SAMPLING CONDUCTED IN AUGUST 2010

Author: MICHAEL J MURPHY MACTEC ENGINEERING AND CONSUL
Addressee: PETER THOMPSON MACTEC ENGINEERING AND CONSULTI
STEVE MORROW OLIN CORP
Doc Type: LETTER
CORRESPONDENCE

Doc Date: 01/18/2011 **# of Pages:** 1
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

485510 [REDACTED] HOME OWNER WELL SAMPLING PROGRAM (MAP ATTACHED) [MARGINALIA]

Author:

Doc Date: 10/24/2008 **# of Pages:** 2

Addressee:

Weston Number:

Doc Type: LIST

485512 [REDACTED] LETTER REGARDING RESIDENTIAL WELL SAMPLING CONDUCTED IN AUGUST 2010

Author: MICHAEL J MURPHY MACTEC ENGINEERING AND CONSUL

Doc Date: 01/18/2011 **# of Pages:** 1

Addressee: PETER THOMPSON MACTEC ENGINEERING AND CONSULTI

Weston Number:

STEVE MORROW OLIN CORP

Doc Type: CORRESPONDENCE
LETTER

485514 [REDACTED] ADDITIONAL COMMENTS ON PRIVATE WELL SUMMARY

Author: HEATHER FORD NOBIS ENGINEERING INC

Doc Date: 08/06/2008 **# of Pages:** 2

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: CORRESPONDENCE
LETTER

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

485516 [REDACTED] LETTER REGARDING US EPA REQUEST TO PROVIDE BOTTLED WATER (SUPPORTING DOCUMENTATION ATTACHED)

Author: GARLAND HILLIARD OLIN CORP
Addressee: JAMES T OWENS US EPA REGION 1
Doc Type: LETTER
CORRESPONDENCE

Doc Date: 11/08/2010 **# of Pages:** 83
Weston Number:

485518 [REDACTED] RESIDENTIAL WELL SAMPLING UPDATE

Author: NOBIS ENGINEERING INC
Addressee:
Doc Type: LIST

Doc Date: 06/10/2009 **# of Pages:** 2
Weston Number:

485519 [REDACTED] HOME OWNER WELL SAMPLING PROGRAM

Author:
Addressee:
Doc Type: LIST

Doc Date: 10/24/2008 **# of Pages:** 2
Weston Number:

485520 [REDACTED] LETTER REGARDING RESIDENTIAL WELL SAMPLING CONDUCTED IN AUGUST 2010

Author: MICHAEL J MURPHY MACTEC ENGINEERING AND CONSUL
Addressee: PETER THOMPSON MACTEC ENGINEERING AND CONSULTI
STEVE MORROW OLIN CORP
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 01/18/2011 **# of Pages:** 1
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

485526 [REDACTED] LETTER REGARDING DETECTION OF NDMA IN PRIVATE WELLS AND DISCONTINUATION OF THEIR USE AS SOURCE OF DRINKING WATER (ENVELOPE ATTACHED)

Author: MICHAEL CAIRA WILMINGTON (MA) TOWN OF
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: LETTER
CORRESPONDENCE

Doc Date: 10/22/2010 **# of Pages:** 2
Weston Number:

485529 [REDACTED] LETTER REGARDING PRIVATE WELL SAMPLING RESULTS (SUPPORTING DOCUMENTATION ATTACHED)

Author: JOANNE FAGAN MA DEPT OF ENVIRONMENTAL PROTECTI
Addressee: CHRISTOPHER PYOTT MA DEPT OF ENVIRONMENTAL PRO
WILMINGTON (MA) - RESIDENT OF
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 10/04/2007 **# of Pages:** 18
Weston Number:

485535 [REDACTED] LIST OF WELLS SORTED BY ADDRESSES (MAPS ATTACHED) [HARD COPY IMAGE SKEWED]

Author:
Addressee:
Doc Type: LIST

Doc Date: 02/11/2011 **# of Pages:** 9
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

485538 [REDACTED] LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN AUGUST 2010

Author: STEVE MORROW OLIN CORP

Doc Date: 01/18/2011 # of Pages: 1

Addressee: WILMINGTON (MA) - RESIDENT OF

Weston Number:

Doc Type: LETTER
CORRESPONDENCE

485539 [REDACTED] LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN AUGUST 2010

Author: STEVE MORROW OLIN CORP

Doc Date: 01/18/2011 # of Pages: 1

Addressee: WILMINGTON (MA) - RESIDENT OF

Weston Number:

Doc Type: CORRESPONDENCE
LETTER

485540 [REDACTED] LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN AUGUST 2010

Author: STEVE MORROW OLIN CORP

Doc Date: 01/18/2011 # of Pages: 1

Addressee: WILMINGTON (MA) - RESIDENT OF

Weston Number:

Doc Type: LETTER
CORRESPONDENCE

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

485541 [REDACTED] REQUEST TO SAMPLE RESIDENTIAL WELL WATER

Author: JAMES DILORENZO US EPA REGION 1
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 10/05/2009 **# of Pages:** 1
Weston Number:

485542 [REDACTED] LETTER PROVIDING FURTHER EXPLANATION OF GROUNDWATER RESULTS FOR RESIDENTIAL WELL

Author: JAMES DILORENZO US EPA REGION 1
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 10/19/2010 **# of Pages:** 2
Weston Number:

485543 [REDACTED] LETTER REGARDING DETECTION OF NDMA IN RESIDENTIAL WELL WATER (07/1999 FACT SHEET ATTACHED)

Author: JAMES DILORENZO US EPA REGION 1
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 02/19/2009 **# of Pages:** 4
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

485544 [REDACTED] LETTER REGARDING ANALYSIS OF GROUNDWATER FROM RESIDENTIAL WELL (SUPPORTING DOCUMENTATION ATTACHED) [MARGINALIA]

Author: JAMES DILORENZO US EPA REGION 1
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: LETTER
CORRESPONDENCE

Doc Date: 10/05/2009 **# of Pages:** 36
Weston Number:

485545 [REDACTED] LETTER REGARDING ANALYSIS OF GROUNDWATER FROM RESIDENTIAL WELL

Author: JAMES DILORENZO US EPA REGION 1
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: LETTER
CORRESPONDENCE

Doc Date: 02/18/2010 **# of Pages:** 4
Weston Number:

485546 [REDACTED] LETTER REGARDING DETECTION OF NDMA IN RESIDENTIAL WELL WATER

Author: JAMES DILORENZO US EPA REGION 1
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 03/04/2009 **# of Pages:** 2
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

485547 [REDACTED] LETTER REGARDING ANALYSIS OF GROUNDWATER FROM RESIDENTIAL WELL (SUPPORTING DOCUMENTATION ATTACHED) [MARGINALIA]

Author: JAMES DILORENZO US EPA REGION 1

Doc Date: 10/05/2009 # of Pages: 34

Addressee: WILMINGTON (MA) - RESIDENT OF

Weston Number:

Doc Type: CORRESPONDENCE
LETTER

485548 [REDACTED] LETTER REGARDING ANALYSIS OF GROUNDWATER FROM RESIDENTIAL WELL

Author: JAMES DILORENZO US EPA REGION 1

Doc Date: 02/18/2010 # of Pages: 4

Addressee: WILMINGTON (MA) - RESIDENT OF

Weston Number:

Doc Type: CORRESPONDENCE
LETTER

485549 [REDACTED] LETTER REGARDING RESIDENTIAL WELL SAMPLING

Author: MICHAEL J MURPHY MACTEC ENGINEERING AND CONSUL

Doc Date: 01/11/2011 # of Pages: 1

Addressee: PETER THOMPSON MACTEC ENGINEERING AND CONSULTI
STEVE MORROW OLIN CORP

Weston Number:

Doc Type: LETTER
CORRESPONDENCE

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

485556 [REDACTED] HOME OWNER WELL SAMPLING PROGRAM

Author: STEVE MORROW OLIN CORP

Addressee: JAMES DILORENZO US EPA REGION 1

Doc Type: LIST

Doc Date: 12/12/2008 # of Pages: 2

Weston Number:

485558 [REDACTED] LETTER REGARDING RESIDENCE WELL SAMPLING

Author: MICHAEL MURPHY MACTEC ENGINEERING AND CONSULT

Addressee: PETER H THOMPSON MACTEC ENGINEERING AND CONSUL
STEVE MORROW OLIN CORP

Doc Type: LETTER
CORRESPONDENCE

Doc Date: 04/29/2011 # of Pages: 2

Weston Number:

485559 [REDACTED] LETTER TRANSMITTING RESULTS OF RESIDENCE WELL SAMPLING

Author: STEVE MORROW OLIN CORP

Addressee: WILMINGTON (MA) - RESIDENT OF

Doc Type: LETTER
CORRESPONDENCE

Doc Date: 02/01/2009 # of Pages: 1

Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

485561 [REDACTED] LETTER REGARDING RESIDENCE WELL SAMPLING

Author: MICHAEL MURPHY MACTEC ENGINEERING AND CONSULT
Addressee: PETER THOMPSON MACTEC ENGINEERING AND CONSULTI
STEVE MORROW OLIN CORP
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 04/29/2011 **# of Pages:** 2
Weston Number:

485562 [REDACTED] LETTER TRANSMITTING RESULTS OF WELL SAMPLING

Author: STEVE MORROW OLIN CORP
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: LETTER
CORRESPONDENCE

Doc Date: 02/01/2009 **# of Pages:** 2
Weston Number:

485563 [REDACTED] DRAFT, LETTER REGARDING DETECTION OF N-NITROSODIMETHYLAMINE (NDMA) IN WELL WATER, MAP 24/LOT 54

Author: JAMES DILORENZO US EPA REGION 1
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: LETTER
CORRESPONDENCE

Doc Date: 01/02/2009 **# of Pages:** 2
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

485603 EMAIL REGARDING OLIN PRIVATE WELL INFORMATION

Author: JAMES DILORENZO US EPA REGION 1
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: EMAIL
CORRESPONDENCE

Doc Date: 02/15/2011 **# of Pages:** 1
Weston Number:

485613 MADEP SUPPORT LETTER FOR NON-TIME CRITICAL REMOVAL ACTION (NTCRA) ACTION MEMORANDUM

Author: JAY NAPARSTEK MA DEPT OF ENVIRONMENTAL PROTECT
Addressee: LARRY BRILL US EPA REGION 1
Doc Type: LETTER
CORRESPONDENCE

Doc Date: 04/20/2011 **# of Pages:** 2
Weston Number:

485614 COMMENTS ON ENGINEERING EVALUATION/COST ANALYSIS (EE/CA) APPROVAL MEMORANDUM - REGION 1 REPLY IN UNDERLINE TEXT

Author:
Addressee:
Doc Type: REPORT

Doc Date: 01/01/1111 **# of Pages:** 2
Weston Number:

485623 [REDACTED] RESPONSE TO OLIN REGARDING EVALUATION OF FORMALDEHYDE DATA (CHRONOLOGY OF FORMALDEHYDE ATTACHED)

Author: JAMES DILORENZO US EPA REGION 1
Addressee: STEVEN G MORROW OLIN CHEMICAL CORP
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 08/27/2009 **# of Pages:** 3
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

485632 [REDACTED] GIS PRIVATE WELLS

Author:
Addressee:
Doc Type: LIST

Doc Date: 01/01/1111 **# of Pages:** 2
Weston Number:

485637 [REDACTED] EMAIL REGARDING OLIN-REVIEW OF PRIVATE WELL DATA [MARGINALIA]

Author: RICHARD SUGATT US EPA REGION 1
Addressee: JIM DILORENZO US EPA
Doc Type: CORRESPONDENCE
EMAIL
MEMO

Doc Date: 09/23/2010 **# of Pages:** 1
Weston Number:

485638 [REDACTED] EMAIL REGARDING SCANNED EPA FILES FOR WHITNEY BARREL (EMAIL HISTORY AND SAMPLING RESULTS ATTACHED) [MARGINALIA]

Author: JIM DILORENZO US EPA
Addressee:
Doc Type: CORRESPONDENCE
MEMO
EMAIL

Doc Date: 09/23/2010 **# of Pages:** 12
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

485639 [REDACTED] RESPONSE TO OLIN REGARDING EVALUATION OF FORMALDEHYDE DATA (CHRONOLOGY OF FORMALDEHYDE ATTACHED)

Author: JAMES DILORENZO US EPA REGION 1
Addressee: STEVEN G MORROW OLIN CHEMICAL CORP
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 08/27/2009 **# of Pages:** 3
Weston Number:

485641 [REDACTED] ADDITIONAL COMMENTS ON PRIVATE WELL SUMMARY [MARGINALIA]

Author: HEATHER FORD NOBIS ENGINEERING INC
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 08/06/2008 **# of Pages:** 2
Weston Number:

485644 [REDACTED] EMAIL REGARDING OLIN'S PROPOSED PRIVATE WELL LIST

Author: JAMES DILORENZO US EPA REGION 1
Addressee: HEATHER FORD NOBIS ENGINEERING INC
Doc Type: CORRESPONDENCE
EMAIL

Doc Date: 08/01/2008 **# of Pages:** 2
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
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02: REMOVAL RESPONSE

File Break: 02.01

485650 [REDACTED] EMAIL REGARDING WELL SAMPLING FOR METHYL TERTIARY BUTYL ETHER (MTBE) (EMAIL HISTORY ATTACHED)

Author: JAMES DILORENZO US EPA REGION 1
Addressee: JOSEPH COYNE MA DEP
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 08/27/2008 **# of Pages:** 3
Weston Number:

485658 [REDACTED] RESIDENTIAL WELLS FOR SAMPLING 2011

Author:
Addressee:
Doc Type: LIST

Doc Date: 03/30/2011 **# of Pages:** 2
Weston Number:

485659 [REDACTED] TRANSMITTAL LETTER FOR DATA VALIDATION SUMMARY AND LABORATORY ANALYTICAL DATA

Author: STEPHEN MORROW OLIN CORP
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 01/13/2011 **# of Pages:** 1
Weston Number:

485666 [REDACTED] REQUEST TO REDUCE EXPOSURE TO NDMA [UNSIGNED]

Author: JAMES T OWENS US EPA REGION 1
Addressee: GARLAND HILLIARD OLIN CORP
Doc Type: LETTER
CORRESPONDENCE

Doc Date: 11/01/2010 **# of Pages:** 3
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
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02: REMOVAL RESPONSE

File Break: 02.01

485672 [REDACTED] LIST OF PROPERTIES WITH RESIDENTIAL WELLS

Author:
Addressee:
Doc Type: LIST

Doc Date: 01/01/1111 **# of Pages:** 2
Weston Number:

485673 [REDACTED] HOME OWNER WELL SAMPLING PROGRAM

Author: STEVE MORROW OLIN CORP
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: LIST

Doc Date: 02/13/2009 **# of Pages:** 2
Weston Number:

485675 [REDACTED] HOME OWNER WELL SAMPLING PROGRAM

Author: STEVE MORROW OLIN CORP
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: LIST

Doc Date: 10/31/2008 **# of Pages:** 3
Weston Number:

485676 [REDACTED] LETTER REGARDING RESIDENTIAL WELL SAMPLING

Author: MICHAEL J MURPHY MACTEC ENGINEERING AND CONSUL
Addressee: PETER THOMPSON MACTEC ENGINEERING AND CONSULTI
STEVE MORROW OLIN CORP
Doc Type: LETTER
CORRESPONDENCE

Doc Date: 01/24/2011 **# of Pages:** 2
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

70001435 EMAIL REGARDING WILMINGTON RESIDENTIAL WELLS 2010 DATA

Author: STEPHEN MORROW OLIN CORP
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: EMAIL
CORRESPONDENCE

Doc Date: 03/21/2011 **# of Pages:** 2
Weston Number:

70001439 EMAIL REGARDING UPDATED RESIDENTIAL SCHEDULE

Author: STEPHEN MORROW OLIN CORP
Addressee: JAMES DILORENZO US EPA REGION 1

Doc Date: 03/30/2011 **# of Pages:** 2
Weston Number:

70001442 EMAIL REGARDING HOME OWNER LETTERS

Author: STEPHEN MORROW OLIN CORP
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: CORRESPONDENCE
EMAIL

Doc Date: 04/08/2011 **# of Pages:** 1
Weston Number:

70001444 EMAIL REGARDING FIGURE 1 - N-NITROSODIMETHYLAMINE (NDMA) CONCENTRATION IN RESIDENTIAL WELLS - 2010 (EMAIL HISTORY ATTACHED)

Author: MARC BOUVIER NOBIS ENGINEERING INC
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: CORRESPONDENCE
EMAIL

Doc Date: 04/01/2011 **# of Pages:** 2
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

70001447 EMAIL REGARDING RECENT PRIVATE WELL RESULTS

Author: MICHAEL J WEBSTER GEOINSIGHT INC
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: EMAIL
CORRESPONDENCE

Doc Date: 04/12/2011 **# of Pages:** 2
Weston Number:

70001449 EMAIL REGARDING OLIN LETTER OF SUPPORT FOR NON-TIME CRITICAL REMOVAL ACTION (NTCRA)

Author: JOSEPH COYNE MA DEP
Addressee: LARRY BRILL US EPA REGION 1
JAMES DILORENZO US EPA REGION 1
Doc Type: CORRESPONDENCE
EMAIL

Doc Date: 04/21/2011 **# of Pages:** 1
Weston Number:

70001450 EMAIL REGARDING SCHEDULING OF BRIEFING FOR WILMINGTON TOWN OFFICIALS ON OLIN PRIVATE WELL SAMPLING (EMAIL HISTORY ATTACHED)

Author: WILMINGTON (MA) TOWN OF
Addressee: SARAH WHITE US EPA REGION 1
Doc Type: EMAIL
CORRESPONDENCE

Doc Date: 04/25/2011 **# of Pages:** 3
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

70001463 EMAIL REGRADING OLIN DRINKING WATER RISKS (EMAIL HISTORY ATTACHED)

Author: JAMES DILORENZO US EPA REGION 1
Addressee: CYNTHIA WOODS AVATAR ENVIRONMENTAL
Doc Type: CORRESPONDENCE
EMAIL

Doc Date: 03/10/2011 **# of Pages:** 2
Weston Number:

70001468 EMAIL TRANSMITTING ADDITIONAL PRIVATE WELL LOCATIONS

Author: JAMES DILORENZO US EPA REGION 1
Addressee: STEPHEN MORROW OLIN CORP
Doc Type: CORRESPONDENCE
EMAIL

Doc Date: 03/24/2011 **# of Pages:** 1
Weston Number:

70001470 EMAIL TRANSMITTING REVISED PRIVATE WELL FIGURE

Author: JAMES DILORENZO US EPA REGION 1
Addressee: STEPHEN MORROW OLIN CORP
Doc Type: CORRESPONDENCE
EMAIL

Doc Date: 04/01/2011 **# of Pages:** 1
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
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02: REMOVAL RESPONSE

File Break: 02.01

70001484 MA DEP SUPPORT LETTER FOR NON-TIME CRITICAL REMOVAL ACTION (NTCRA)

Author: JAY NAPARSTEK MA DEPT OF ENVIRONMENTAL PROTECT
Addressee: LARRY BRILL US EPA REGION 1
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 04/20/2011 **# of Pages:** 2
Weston Number:

70001491 EMAIL REGARDING FOURTH QUARTER PRIVATE WELL SAMPLING

Author: STEPHEN MORROW OLIN CORP
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: EMAIL
CORRESPONDENCE

Doc Date: 12/15/2010 **# of Pages:** 2
Weston Number:

70001514 EMAIL REGARDING OLIN N-NITROSODIMETHYLAMINE (NDMA) RESIDENTIAL FIGURE

Author: MARC BOUVIER NOBIS ENGINEERING INC
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: EMAIL
CORRESPONDENCE

Doc Date: 02/07/2011 **# of Pages:** 1
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
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AR Collection Index Report
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02: REMOVAL RESPONSE

File Break: 02.01

70001515 EMAIL REGARDING OLIN DRINKING WATER RISKS

Author: CYNTHIA WOODS AVATAR ENVIRONMENTAL
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: CORRESPONDENCE
EMAIL

Doc Date: 03/10/2011 **# of Pages:** 1
Weston Number:

70001521 EMAIL REGARDING OLIN PRIVATE WELL INFORMATION

Author: JAMES DILORENZO US EPA REGION 1
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: EMAIL
CORRESPONDENCE

Doc Date: 02/15/2011 **# of Pages:** 1
Weston Number:

70001527 EMAIL TRANSMITING PRIVATE WELLS SAMPLES

Author: STEVEN G MORROW OLIN CHEMICAL CORP
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: EMAIL
CORRESPONDENCE

Doc Date: 08/30/2010 **# of Pages:** 1
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
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AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

70001531 EMAIL TRANSMITTING DATA VALIDATION PACKAGE

Author: STEVEN G MORROW OLIN CHEMICAL CORP
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: CORRESPONDENCE
EMAIL

Doc Date: 10/05/2010 **# of Pages:** 1
Weston Number:

70001543 EMAIL TRANSMITTING N-NITROSODIMETHYLAMINE (NDMA) 1E-04 RISK SPREADSHEET

Author: RICHARD SUGATT US EPA REGION 1
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: CORRESPONDENCE
EMAIL

Doc Date: 10/28/2010 **# of Pages:** 1
Weston Number:

70001576 EMAIL REQUESTING LOCATION AND DATA FOR RESIDENTIAL WELLS

Author: JULIE COSIO MA DEPT OF PUBLIC HEALTH
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: EMAIL
CORRESPONDENCE

Doc Date: 08/18/2010 **# of Pages:** 1
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

70001578 EMAIL ASKING CONCURRENCE OR POSITION REGARDING RISK CALCULATION FOR RESIDENTIAL DRINKING WATER SAMPLE WITH BEHP DATA

Author: JAMES DILORENZO US EPA REGION 1
Addressee: RICHARD SUGATT US EPA REGION 1
Doc Type: EMAIL
CORRESPONDENCE

Doc Date: 08/17/2010 **# of Pages:** 2
Weston Number:

70001600 EMAIL REGARDING N-NITROSODIMETHYLAMINE (NDMA)

Author: JAMES DILORENZO US EPA REGION 1
Addressee:
Doc Type: CORRESPONDENCE
EMAIL

Doc Date: 06/18/2009 **# of Pages:** 1
Weston Number:

70001602 EMAIL REGARDING RESIDENTIAL WELL TABLE

Author: STEVEN G MORROW OLIN CHEMICAL CORP
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: EMAIL
CORRESPONDENCE

Doc Date: 10/22/2009 **# of Pages:** 2
Weston Number:

70001604 EMAIL REGARDING WILMINGTON FINAL RESIDENTIAL WELL PROGRAM TABLE

Author: STEVEN G MORROW OLIN CHEMICAL CORP
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: CORRESPONDENCE
EMAIL

Doc Date: 11/03/2009 **# of Pages:** 2
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

70001607 EMAIL TRANSMITTING OLIN RESIDENTIAL SAMPLING SUMMARY TABLE

Author: HEATHER FORD NOBIS ENGINEERING INC
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: EMAIL
CORRESPONDENCE

Doc Date: 02/18/2010 **# of Pages:** 2
Weston Number:

70001616 EMAIL TRANSMITTING OLIN DRINKING WATER WELL DATA TABLE (EMAIL HISTORY ATTACHED)

Author: HEATHER FORD NOBIS ENGINEERING INC
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: CORRESPONDENCE
EMAIL

Doc Date: 03/01/2010 **# of Pages:** 2
Weston Number:

70001635 EMAIL REGARDING PRIVATE WELL ANALYTICAL LIST

Author: HEATHER FORD NOBIS ENGINEERING INC
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: EMAIL
CORRESPONDENCE

Doc Date: 08/18/2008 **# of Pages:** 3
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

70001637 EMAIL REGARDING HOME WELL OWNER UPDATE

Author: STEVEN G MORROW OLIN CHEMICAL CORP
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: CORRESPONDENCE
EMAIL

Doc Date: 11/04/2008 **# of Pages:** 1
Weston Number:

70001638 EMAIL REGARDING HOME OWNERS SAMPLING UPDATE

Author: STEVEN G MORROW OLIN CHEMICAL CORP
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: CORRESPONDENCE
EMAIL

Doc Date: 12/12/2008 **# of Pages:** 1
Weston Number:

70001639 EMAIL REGARDING N-NITROSODIMETHYLAMINE (NDMA) GROUNDWATER RISK

Author: CYNTHIA WOODS AVATAR ENVIRONMENTAL
Addressee: JAMES DILORENZO US EPA REGION 1
RICHARD SUGATT US EPA REGION 1
Doc Type: EMAIL
CORRESPONDENCE

Doc Date: 01/20/2009 **# of Pages:** 1
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

70001640 EMAIL TRANSMITTING OLIN PROPOSED ADDITIONAL DRINKING WELL ANALYTES

Author: GAIL DERUZZO NOBIS ENGINEERING INC
Addressee: DAN BOUDREAU US EPA REGION 1
Doc Type: CORRESPONDENCE
EMAIL

Doc Date: 01/30/2009 **# of Pages:** 2
Weston Number:

70001740 EMAIL TRANSMITTING OLIN ENGINEERING EVALUATION/ COST ANALYSIS (EE/CA) APPROVAL MEMORANDUM

Author: CHRISTINE POORE US EPA
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: CORRESPONDENCE
EMAIL

Doc Date: 04/28/2011 **# of Pages:** 2
Weston Number:

70001741 COMMENTS ON ENGINEERING EVALUATION/COST ANALYSIS (EE/CA) APPROVAL MEMO

Author: CHRISTINE POORE US EPA
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: REPORT

Doc Date: 01/01/1111 **# of Pages:** 1
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
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AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.02

483524 HEALTH EFFECTS REGARDING N-NITROSODIMETHYLAMINE (NDMA)

Author:
Addressee:
Doc Type: REPORT

Doc Date: 01/01/1111 # of Pages: 50
Weston Number:

483525 POTENTIAL HUMAN EXPOSURE REGARDING N-NITROSODIMETHYLAMINE (NDMA)

Author:
Addressee:
Doc Type: REPORT

Doc Date: 01/01/1111 # of Pages: 12
Weston Number:

483526 PUBLIC HEALTH STATEMENT REGARDING N-NITROSODIMETHYLAMINE (NDMA)

Author:
Addressee:
Doc Type: REPORT

Doc Date: 01/01/1111 # of Pages: 7
Weston Number:

483527 REGULATIONS AND ADVISORIES REGARDING N-NITROSODIMETHYLAMINE (NDMA)

Author:
Addressee:
Doc Type: REPORT

Doc Date: 01/01/1111 # of Pages: 3
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.02

485654 [REDACTED] ENGINEERING EVALUATION / COST ANALYSIS (EE/CA) APPROVAL MEMORANDUM FOR NON-TIME CRITICAL REMOVAL ACTION (NTCRA), OPERABLE UNIT 3 (OU3)

Author: JAMES T OWENS III US EPA REGION 1

Doc Date: 05/26/2011 # of Pages: 25

Addressee:

Weston Number:

Doc Type: CORRESPONDENCE
MEMO

File Break: 02.03

483478 [REDACTED] SPREADSHEET WITH RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISK 30 YEAR EXPOSURE BASED ON 11/2009 EPA SAMPLING RESULTS

Author: HEATHER FORD NOBIS ENGINEERING INC

Doc Date: 01/01/1111 # of Pages: 3

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: SAMPLING DATA

483479 [REDACTED] SPREADSHEET WITH RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISK 30 YEAR EXPOSURE BASED ON 11/2009 EPA SAMPLING RESULTS

Author: HEATHER FORD NOBIS ENGINEERING INC

Doc Date: 01/01/1111 # of Pages: 3

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: SAMPLING DATA

483480 [REDACTED] SPREADSHEET FOR RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISK 70 YEAR EXPOSURE BASED ON 11/2009 EPA SAMPLING RESULTS

Author: HEATHER FORD NOBIS ENGINEERING INC

Doc Date: 01/01/1111 # of Pages: 3

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: SAMPLING DATA

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

483481 [REDACTED] SPREADSHEET WITH RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISK 70 YEAR EXPOSURE BASED ON 11/2009 EPA SAMPLING RESULTS

Author: HEATHER FORD NOBIS ENGINEERING INC

Doc Date: 01/01/1111 # of Pages: 3

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: SAMPLING DATA

483482 [REDACTED] SPREADSHEET WITH RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISK 30 YEAR EXPOSURE

Author: CYNTHIA WOODS AVATAR ENVIRONMENTAL

Doc Date: 01/01/1111 # of Pages: 6

Addressee: RICHARD SUGATT US EPA REGION 1

Weston Number:

Doc Type: SAMPLING DATA

483483 [REDACTED] SPREADSHEET WITH RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISK 30 YEAR EXPOSURE

Author: CYNTHIA WOODS AVATAR ENVIRONMENTAL

Doc Date: 01/01/1111 # of Pages: 3

Addressee: RICHARD SUGATT US EPA REGION 1

Weston Number:

Doc Type: SAMPLING DATA

483484 [REDACTED] SPREADSHEET WITH RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISK 70 YEAR EXPOSURE

Author: CYNTHIA WOODS AVATAR ENVIRONMENTAL

Doc Date: 01/01/1111 # of Pages: 6

Addressee: RICHARD SUGATT US EPA REGION 1

Weston Number:

Doc Type: SAMPLING DATA

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

483485 [REDACTED] SPREADSHEET WITH RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISK 70 YEAR EXPOSURE

Author: CYNTHIA WOODS AVATAR ENVIRONMENTAL

Doc Date: 01/01/1111 # of Pages: 3

Addressee: RICHARD SUGATT US EPA REGION 1

Weston Number:

Doc Type: SAMPLING DATA

483486 [REDACTED] SPREADSHEET WITH RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISK 30 YEAR EXPOSURE BASED ON EPA SAMPLING RESULTS

Author: CYNTHIA WOODS AVATAR ENVIRONMENTAL

Doc Date: 01/01/1111 # of Pages: 3

Addressee: RICHARD SUGATT US EPA REGION 1

Weston Number:

Doc Type: SAMPLING DATA

483487 [REDACTED] SPREADSHEET WITH RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISK 30 YEAR EXPOSURE BASED ON OLIN COPR SAMPLING RESULTS

Author: CYNTHIA WOODS AVATAR ENVIRONMENTAL

Doc Date: 01/01/1111 # of Pages: 3

Addressee: RICHARD SUGATT US EPA REGION 1

Weston Number:

Doc Type: SAMPLING DATA

483488 [REDACTED] SPREADSHEET WITH RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISK 30 YEAR EXPOSURE BASED ON OLIN COPR SAMPLING RESULTS

Author: CYNTHIA WOODS AVATAR ENVIRONMENTAL

Doc Date: 01/01/1111 # of Pages: 3

Addressee: RICHARD SUGATT US EPA REGION 1

Weston Number:

Doc Type: SAMPLING DATA

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

483489 [REDACTED] SPREADSHEET WITH RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISK 30 YEAR EXPOSURE BASED ON EPA SAMPLING RESULTS

Author: CYNTHIA WOODS AVATAR ENVIRONMENTAL

Doc Date: 01/01/1111 # of Pages: 3

Addressee: RICHARD SUGATT US EPA REGION 1

Weston Number:

Doc Type: SAMPLING DATA

483490 [REDACTED] SPREADSHEET WITH RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISK 70 YEAR EXPOSURE BASED ON EPA SAMPLING RESULTS

Author: CYNTHIA WOODS AVATAR ENVIRONMENTAL

Doc Date: 01/01/1111 # of Pages: 3

Addressee: RICHARD SUGATT US EPA REGION 1

Weston Number:

Doc Type: SAMPLING DATA

483491 [REDACTED] SPREADSHEET WITH RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISK 70 YEAR EXPOSURE BASED ON OLIN CORP SAMPLING RESULTS

Author: CYNTHIA WOODS AVATAR ENVIRONMENTAL

Doc Date: 01/01/1111 # of Pages: 3

Addressee: RICHARD SUGATT US EPA REGION 1

Weston Number:

Doc Type: SAMPLING DATA

483492 [REDACTED] SPREADSHEET WITH RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISK 70 YEAR EXPOSURE BASED ON OLIN CORP SAMPLING RESULTS

Author: CYNTHIA WOODS AVATAR ENVIRONMENTAL

Doc Date: 01/01/1111 # of Pages: 3

Addressee: RICHARD SUGATT US EPA REGION 1

Weston Number:

Doc Type: SAMPLING DATA

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

483493 [REDACTED] SPREADSHEET WITH RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISK 70 YEAR EXPOSURE BASED ON EPA SAMPLING RESULTS

Author: CYNTHIA WOODS AVATAR ENVIRONMENTAL

Doc Date: 01/01/1111 # of Pages: 3

Addressee: RICHARD SUGATT US EPA REGION 1

Weston Number:

Doc Type: SAMPLING DATA

483494 [REDACTED] SUMMARY OF PRIVATE WELL RESIDENCE WELL MONITORING DATA AND COMPARISON TO FEDERAL AND MASSACHUSETTS DRINKING WATER STANDARDS/GUIDELINES

Author:

Doc Date: 03/25/2011 # of Pages: 1

Addressee:

Weston Number:

Doc Type: SAMPLING DATA

483497 [REDACTED] SUMMARY OF PRIVATE WELL RESIDENCE WELL MONITORING DATA AND COMPARISON TO FEDERAL AND MASSACHUSETTS DRINKING WATER STANDARDS/GUIDELINES

Author:

Doc Date: 03/25/2011 # of Pages: 1

Addressee:

Weston Number:

Doc Type: SAMPLING DATA

483519 REVIEW OF NOBIS ENGINEERING DATA VALIDATION REPORT AND METHOD 8315 FORMALDEHYDE DATA REPORTED BY SOUTHWEST RESEARCH INSTITUTE

Author: MICHAEL MURPHY MACTEC ENGINEERING AND CONSULT

Doc Date: 06/24/2009 # of Pages: 4

Addressee: CHRISTIAN RICARDI MACTEC ENGINEERING AND CONSUL
PETER THOMPSON MACTEC ENGINEERING AND CONSULTI

Weston Number:

STEVE MORROW OLIN CORP

Doc Type: LETTER
CORRESPONDENCE

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

483522 LETTER REGARDING DATA REVIEW OF FORMALDEHYDE DATA FROM MARCH 2009 RESIDENTIAL SAMPLING EVENT (SUPPORTING DOCUMENTATION ATTACHED) [MARGINALIA]

Author: GAIL DERUZZO NOBIS ENGINEERING INC

Doc Date: 06/22/2009 # of Pages: 5

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: CORRESPONDENCE
LETTER

483542 SPLIT ANALYSIS AMMONIA (CHAIN OF CUSTODY ATTACHED)

Author: ALPHA ANALYTICAL LABORATORIES

Doc Date: 10/15/2008 # of Pages: 12

Addressee:

Weston Number:

Doc Type: SAMPLING DATA
REPORT

483552 HRGC/HRMS AND N-NITROSODIMETHYLAMINE (NDMA) ANALYSIS DATA SHEET

Author: SOUTHWEST RESEARCH INSTITUTE

Doc Date: 03/28/2009 # of Pages: 6

Addressee:

Weston Number:

Doc Type: REPORT
FORM

483553 ATSDR TECHNICAL ASSISTANCE FORM

Author: WILLIAM SWEET US AGENCY FOR TOXIC SUBSTANCES AN

Doc Date: 01/21/2009 # of Pages: 3

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: FORM
SAMPLING DATA

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

483556 DATA VALIDATION SUMMARY, TEST AMERICA DATA SETS 360-19275-1 AND 360-19248-1

Author: MICHAEL MURPHY MACTEC ENGINEERING AND CONSULT
Addressee: CHRIS RICARDI MACTEC ENGINEERING AND CONSULTING
STEVE MORROW OLIN CORP
Doc Type: SAMPLING DATA
DATA VALIDATION REPORT
REPORT

Doc Date: 12/19/2008 **# of Pages:** 75
Weston Number:

483558 RESIDENTIAL DRINKING WATER INGESTION CANCER RISK BASED CONCENTRATION FOR 1E-04 CANCER RISK AND 70 YEAR EXPOSURE

Author:
Addressee:
Doc Type: SAMPLING DATA
REPORT

Doc Date: 01/01/1111 **# of Pages:** 1
Weston Number:

483559 RESIDENTIAL DERMAL CONTACT NON CANCER RISK CHILD EXPOSURE

Author:
Addressee:
Doc Type: SAMPLING DATA
REPORT

Doc Date: 01/01/1111 **# of Pages:** 10
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

483561 PROPOSED DRINKING WATER ANALYTES, REVISION 2

Author:

Doc Date: 02/08/2010 # of Pages: 1

Addressee:

Weston Number:

Doc Type: SAMPLING DATA
REPORT

483573 [REDACTED] EMAIL REGARDING LATEST PRIVATE WELL RESULTS

Author: JAMES DILORENZO US EPA REGION 1

Doc Date: 03/21/2011 # of Pages: 1

Addressee: STEPHEN MORROW OLIN CORP

Weston Number:

Doc Type: EMAIL
CORRESPONDENCE

483576 [REDACTED] EMAIL REGARDING PRIVATE WELL UPDATE

Author: JAMES DILORENZO US EPA REGION 1

Doc Date: 04/20/2011 # of Pages: 2

Addressee: WILMINGTON (MA) - RESIDENT OF

Weston Number:

Doc Type: SAMPLING DATA
CORRESPONDENCE
EMAIL

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

483580 [REDACTED] EMAIL REGARDING WELL RESULTS

Author: STEPHEN MORROW OLIN CORP

Doc Date: 01/31/2011 # of Pages: 2

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: EMAIL
CORRESPONDENCE

483586 [REDACTED] EMAIL REGARDING LOW-LEVEL PAHS DETECTED IN PRIVATE WELLS (EMAIL HISTORY ATTACHED)

Author: RICHARD SUGATT US EPA REGION 1

Doc Date: 01/25/2011 # of Pages: 2

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: SAMPLING DATA
CORRESPONDENCE
EMAIL

483590 [REDACTED] EMAIL REGARDING UNVALIDATED N-NITROSODIMETHYLAMINE (NDMA) DATA FOR DECEMBER SAMPLING (EMAIL HISTORY ATTACHED)

Author: HEATHER FORD NOBIS ENGINEERING INC

Doc Date: 02/07/2011 # of Pages: 3

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: EMAIL
SAMPLING DATA
CORRESPONDENCE

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

483594 [REDACTED] EMAIL REGARDING OLIN SUMMER 2010 DRINKING WATER WELLS - PAHS

Author: JAMES DILORENZO US EPA REGION 1
Addressee: CYNTHIA WOODS AVATAR ENVIRONMENTAL
Doc Type: EMAIL
CORRESPONDENCE

Doc Date: 01/25/2011 **# of Pages:** 2
Weston Number:

483595 [REDACTED] EMAIL REGARDING EVALUATION OF WELL RESULTS (EMAIL HISTORY ATTACHED)

Author: STEVEN G MORROW OLIN CHEMICAL CORP
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: EMAIL
CORRESPONDENCE

Doc Date: 10/04/2010 **# of Pages:** 3
Weston Number:

484740 [REDACTED] DATA SUMMARY TABLE: TIER 2 DATA VALIDATION N-NITROSODIMETHYLAMINE (NDMA) ANALYSIS

Author: NOBIS ENGINEERING INC
Addressee:
Doc Type: SAMPLING DATA
REPORT

Doc Date: 01/01/2008 **# of Pages:** 7
Weston Number:

484741 [REDACTED] SPLIT ANALYSIS AMMONIA (CHAIN OF CUSTODY ATTACHED)

Author: ALPHA ANALYTICAL LABORATORIES
Addressee: DAN BOUDREAU US EPA REGION 1
Doc Type: SAMPLING DATA
REPORT

Doc Date: 03/25/2009 **# of Pages:** 12
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

484742 [REDACTED] SPLIT ANALYSIS BNAS IN WATER (CHAIN OF CUSTODY ATTACHED)

Author: DANIEL N BOUDREAU US EPA REGION 1

Doc Date: 04/02/2009 # of Pages: 18

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: SAMPLING DATA
REPORT
CORRESPONDENCE
LETTER

484743 [REDACTED] SPLIT ANALYSIS ION CHROMATOGRAPHY ANION (CHAIN OF CUSTODY ATTACHED)

Author: DANIEL N BOUDREAU US EPA REGION 1

Doc Date: 03/30/2009 # of Pages: 11

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: CORRESPONDENCE
REPORT
SAMPLING DATA
LETTER

484744 [REDACTED] TOTAL RECOVERABLE METALS IN WATER (CHAIN OF CUSTODY ATTACHED)

Author: DANIEL N BOUDREAU US EPA REGION 1

Doc Date: 04/14/2009 # of Pages: 9

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: CORRESPONDENCE
LETTER
REPORT
SAMPLING DATA

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

484745 [REDACTED] SPLIT ANALYSIS VOAS IN DRINKING WATER (CHAIN OF CUSTODY ATTACHED)

Author: DANIEL N BOUDREAU US EPA REGION 1

Doc Date: 03/19/2009 # of Pages: 21

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: CORRESPONDENCE
SAMPLING DATA
REPORT
LETTER

484746 [REDACTED] SPLIT ANALYSIS AMMONIA (CHAIN OF CUSTODY ATTACHED)

Author: ALPHA ANALYTICAL LABORATORIES

Doc Date: 11/17/2009 # of Pages: 17

Addressee:

Weston Number:

Doc Type: SAMPLING DATA
REPORT

484747 [REDACTED] SPLIT ANALYSIS BNAS IN WATER (CHAIN OF CUSTODY ATTACHED)

Author: DANIEL N BOUDREAU US EPA REGION 1

Doc Date: 10/24/2008 # of Pages: 29

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: LETTER
REPORT
SAMPLING DATA
CORRESPONDENCE

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

484748 [REDACTED] SPLIT ANALYSIS BNAS IN WATER (CHAIN OF CUSTODY ATTACHED)

Author: DANIEL N BOUDREAU US EPA REGION 1

Doc Date: 11/17/2009 # of Pages: 19

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: LETTER
CORRESPONDENCE
REPORT
SAMPLING DATA

484749 [REDACTED] SPLITS CHAIN OF CUSTODY RECORD

Author: US EPA REGION 1

Doc Date: 10/08/2008 # of Pages: 1

Addressee:

Weston Number:

Doc Type: CORRESPONDENCE
REPORT
SAMPLING DATA
LETTER

484750 [REDACTED] SPLIT ANALYSIS ION CHROMATOGRAPHY ANION (CHAIN OF CUSTODY ATTACHED)

Author: DANIEL N BOUDREAU US EPA REGION 1

Doc Date: 10/15/2008 # of Pages: 12

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: CORRESPONDENCE
REPORT
LETTER
SAMPLING DATA

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

484751 [REDACTED] TOTAL RECOVERABLE METALS IN WATER (CHAIN OF CUSTODY ATTACHED), DRAFT RESULTS

Author: DANIEL N BOUDREAU US EPA REGION 1

Doc Date: 12/03/2008 # of Pages: 9

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: LETTER
REPORT
CORRESPONDENCE
SAMPLING DATA

484752 [REDACTED] TOTAL RECOVERABLE METALS IN WATER (CHAIN OF CUSTODY ATTACHED)

Author: DANIEL N BOUDREAU US EPA REGION 1

Doc Date: 12/11/2009 # of Pages: 10

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: SAMPLING DATA
LETTER
REPORT
CORRESPONDENCE

484753 [REDACTED] SPLIT ANALYSIS VOAS IN DRINKING WATER (CHAIN OF CUSTODY ATTACHED)

Author: DANIEL N BOUDREAU US EPA REGION 1

Doc Date: 10/14/2008 # of Pages: 27

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: SAMPLING DATA
LETTER
REPORT
CORRESPONDENCE

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

484754 [REDACTED] SPLIT ANALYSIS VOAS IN DRINKING WATER (CHAIN OF CUSTODY ATTACHED)

Author: DANIEL N BOUDREAU US EPA REGION 1

Doc Date: 11/13/2009 # of Pages: 21

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: SAMPLING DATA
REPORT
CORRESPONDENCE
LETTER

484755 [REDACTED] TIER 2 DATA VALIDATION REPORT, SDG NO. D00232

Author: GAIL DERUZZO NOBIS ENGINEERING INC

Doc Date: 05/11/2009 # of Pages: 7

Addressee: DIANE QUIGLEY WESTON SOLUTIONS INC

Weston Number:

CHRISTINE CLARK US EPA REGION 1

Doc Type: DATA VALIDATION REPORT
REPORT
SAMPLING DATA

484756 [REDACTED] TIER 2 DATA VALIDATION REPORT, SDG NO. D00273

Author: GAIL DERUZZO NOBIS ENGINEERING INC

Doc Date: 12/15/2009 # of Pages: 68

Addressee: DIANE QUIGLEY WESTON SOLUTIONS INC

Weston Number:

CHRISTINE CLARK US EPA REGION 1

Doc Type: DATA VALIDATION REPORT
REPORT
SAMPLING DATA

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

484757 [REDACTED] TIER 2 DATA VALIDATION REPORT, SDG NO. D00083

Author: GAIL DERUZZO NOBIS ENGINEERING INC

Doc Date: 05/11/2009 # of Pages: 7

Addressee: CHRISTINE CLARK US EPA REGION 1

Weston Number:

Doc Type: REPORT
SAMPLING DATA
DATA VALIDATION REPORT

484758 [REDACTED] PRIVATE RESIDENTIAL WELLS SAMPLED DECEMBER 2010

Author:

Doc Date: 12/01/2010 # of Pages: 2

Addressee:

Weston Number:

Doc Type: REPORT
SAMPLING DATA

484759 [REDACTED] PROPOSED DRINKING WATER ANALYTES

Author:

Doc Date: 01/01/2010 # of Pages: 1

Addressee:

Weston Number:

Doc Type: SAMPLING DATA
REPORT

484760 [REDACTED] REVIEW SUMMARY OF PRIVATE WELL INVENTORY AND SAMPLING ACTIVITIES DURING IMMEDIATE RESPONSE ACTIONS 2003/2004

Author: NOBIS ENGINEERING INC

Doc Date: 06/01/2008 # of Pages: 8

Addressee:

Weston Number:

Doc Type: REPORT
SAMPLING DATA

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

484768 REVIEW OF GROUNDWATER FROM WELL (MAP 24/LOT 54) REGARDING N-NITROSODIMETHYLAMINE (NDMA)

Author: JAMES DILORENZO US EPA REGION 1
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: LETTER
CORRESPONDENCE

Doc Date: 05/12/2011 **# of Pages:** 2
Weston Number:

484771 [REDACTED] REVIEW OF GROUNDWATER FROM WELL (MAP 27/LOT 14C) REGARDING N-NITROSODIMETHYLAMINE (NDMA)

Author: JAMES DILORENZO US EPA REGION 1
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 05/12/2011 **# of Pages:** 2
Weston Number:

484772 [REDACTED] REVIEW OF GROUNDWATER FROM WELL (MAP 24/LOT 63) REGARDING N-NITROSODIMETHYLAMINE (NDMA)

Author: JAMES DILORENZO US EPA REGION 1
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: LETTER
CORRESPONDENCE

Doc Date: 05/12/2011 **# of Pages:** 2
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

484773 [REDACTED] REVIEW OF GROUNDWATER FROM WELL (MAP 24/LOT 94) REGARDING N-NITROSODIMETHYLAMINE (NDMA)

Author: JAMES DILORENZO US EPA REGION 1
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: LETTER
CORRESPONDENCE

Doc Date: 05/12/2011 **# of Pages:** 2
Weston Number:

484774 [REDACTED] REVIEW OF GROUNDWATER FROM WELL (MAP 02/LOT 07E) REGARDING N-NITROSODIMETHYLAMINE (NDMA)

Author: JAMES DILORENZO US EPA REGION 1
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: LETTER
CORRESPONDENCE

Doc Date: 05/12/2011 **# of Pages:** 2
Weston Number:

484775 [REDACTED] REVIEW OF GROUNDWATER FROM WELL (MAP 15/LOT 2C) REGARDING N-NITROSODIMETHYLAMINE (NDMA)

Author: JAMES DILORENZO US EPA REGION 1
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 05/12/2011 **# of Pages:** 2
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

484776 [REDACTED] REVIEW OF GROUNDWATER FROM WELL (MAP 24/LOT 54) REGARDING N-NITROSODIMETHYLAMINE (NDMA)

Author: JAMES DILORENZO US EPA REGION 1
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 05/12/2011 # of Pages: 2
Weston Number:

484777 [REDACTED] REVIEW OF GROUNDWATER FROM WELL (MAP 24/LOT 64) REGARDING N-NITROSODIMETHYLAMINE (NDMA)

Author: JAMES DILORENZO US EPA REGION 1
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: LETTER
CORRESPONDENCE

Doc Date: 05/12/2011 # of Pages: 2
Weston Number:

484778 RESIDENTIAL DRINKING WATER INGESTION CANCER RISK OF 9.4 NG/L OF N-NITROSODIMETHYLAMINE (NDMA) ASSUMING MUTAGENIC MODE OF CARCINOGENESIS 70 YEAR EXPOSURE

Author:
Addressee:
Doc Type: REPORT
SAMPLING DATA

Doc Date: 01/01/1111 # of Pages: 3
Weston Number:

484780 TABLE 3: CALCULATION OF EXCESS LIFE CANCER RISK BASED ON CHILDHOOD AND ADULT EXPOSURE BASED ON MOST RECENT GROUNDWATER CONCENTRATION

Author:
Addressee:
Doc Type: REPORT
SAMPLING DATA

Doc Date: 08/01/2010 # of Pages: 5
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

484782 RESIDENTIAL DRINKING WATER INGESTION CANCER RISK OF 14 NG/L OF N-NITROSODIMETHYLAMINE (NDMA) ASSUMING MUTAGENIC MODE OF CARCINOGENESIS 70 YEAR EXPOSURE

Author:

Doc Date: 01/01/1111 # of Pages: 2

Addressee:

Weston Number:

Doc Type: REPORT
SAMPLING DATA

484783 PROPOSED DRINKING WATER ANALYTES [HIGHLIGHTS]

Author:

Doc Date: 01/01/1111 # of Pages: 3

Addressee:

Weston Number:

Doc Type: REPORT
SAMPLING DATA

484784 PROPOSED DRINKING WATER ANALYTES [HIGHLIGHTS]

Author:

Doc Date: 01/01/1111 # of Pages: 2

Addressee:

Weston Number:

Doc Type: REPORT
SAMPLING DATA

484785 PROPOSED DRINKING WATER ANALYTES ROUND 3, REVISED 11/02/2009

Author:

Doc Date: 11/03/2009 # of Pages: 2

Addressee:

Weston Number:

Doc Type: SAMPLING DATA
REPORT

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

484787 TAP SAMPLING OF RESIDENTIAL WELLS PROCEDURE

Author:
Addressee:
Doc Type: REPORT
SAMPLING DATA

Doc Date: 01/01/1111 **# of Pages:** 1
Weston Number:

484790 RESIDENTIAL WELL SAMPLING RESULTS (FINAL RESULTS SUMMARY ATTACHED)

Author: STEVE MORROW OLIN CORP
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: LETTER
CORRESPONDENCE

Doc Date: 12/19/2008 **# of Pages:** 7
Weston Number:

484795 SAMPLE DISPOSITION DOCUMENT- PROJECT NUMBER 07110022

Author: JAMES DILORENZO US EPA REGION 1
Addressee: JOSEPH MONTANARO US EPA REGION 1
Doc Type: FORM
SAMPLING DATA

Doc Date: 11/14/2007 **# of Pages:** 4
Weston Number:

484796 SAMPLE DISPOSITION DOCUMENT- PROJECT NUMBER 07110022

Author: JAMES DILORENZO US EPA REGION 1
Addressee: INNA GERMANSRDERFER US EPA REGION 1
Doc Type: FORM
SAMPLING DATA

Doc Date: 03/01/2009 **# of Pages:** 1
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

485000 [REDACTED] ADDITIONAL PRIVATE WELLS LOCATION - MARCH 2011

Author:
Addressee:
Doc Type: LIST

Doc Date: 03/24/2011 # of Pages: 2
Weston Number:

485001 [REDACTED] LETTER REGARDING RESIDENTIAL WELL SAMPLING

Author: MICHAEL J MURPHY MACTEC ENGINEERING AND CONSUL
Addressee: PETER THOMPSON MACTEC ENGINEERING AND CONSULTI
STEVE MORROW OLIN CORP
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 01/11/2011 # of Pages: 1
Weston Number:

485003 [REDACTED] SUMMARY OF PRIVATE RESIDENCE WELL MONITORING DATA AND COMPARISON TO FEDERAL AND MASSACHUSETTS DRINKING WATER STANDARDS/GUIDELINES (12/03/2010 DATA VALIDATION SUMMARY ATTACHED)

Author:
Addressee:
Doc Type: SAMPLING DATA

Doc Date: 11/12/2010 # of Pages: 44
Weston Number:

485005 [REDACTED] SUMMARY OF PRIVATE RESIDENCE WELL MONITORING DATA AND COMPARISON TO FEDERAL AND MASSACHUSETTS DRINKING WATER STANDARDS/GUIDELINES (12/03/2010 DATA VALIDATION SUMMARY ATTACHED)

Author:
Addressee:
Doc Type: SAMPLING DATA

Doc Date: 11/11/2010 # of Pages: 60
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

485006 [REDACTED] SUMMARY OF PRIVATE RESIDENCE WELL MONITORING DATA AND COMPARISON TO FEDERAL AND MASSACHUSETTS DRINKING WATER STANDARDS/GUIDELINES (12/03/2010 DATA VALIDATION SUMMARY ATTACHED)

Author:

Doc Date: 11/12/2010 # of Pages: 50

Addressee:

Weston Number:

Doc Type: SAMPLING DATA

485008 [REDACTED] CALCULATIONS OF EXCESS LIFETIME CANCER RISKS BASED ON CHILDHOOD AND ADULT EXPOSURE FOR AVERAGE AND MOST RECENT GROUNDWATER CONCENTRATION

Author:

Doc Date: 10/01/2010 # of Pages: 4

Addressee:

Weston Number:

Doc Type: SAMPLING DATA

485009 [REDACTED] SUMMARY OF ALL AVAILABLE DATA FOR PRIVATE WELL M-24/L-94 - DETECTED PARAMETERS ONLY (SUPPORTING DOCUMENTATION ATTACHED)

Author:

Doc Date: 10/22/2010 # of Pages: 21

Addressee:

Weston Number:

Doc Type: SAMPLING DATA

485010 [REDACTED] DATA VALIDATION SUMMARY, TEST AMERICA DATA SETS 360-27496-1 AND 360-27496-2 (09/30/2010 DATA VALIDATION SUMMARY, TEST AMERICA DATA SET 360-29439 ATTACHED) [MARGINALIA]

Author: DEBORAH L SMITH KESTREL ENVIRONMENTAL TECHNOL

Doc Date: 07/08/2010 # of Pages: 80

Addressee: CHRISTIAN RICARDI MACTEC ENGINEERING AND CONSULTING INC
PETER THOMPSON MACTEC ENGINEERING AND CONSULTING INC

Weston Number:

Doc Type: REPORT
SAMPLING DATA
DATA VALIDATION REPORT

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

485013 [REDACTED] DATA VALIDATION SUMMARY, TEST AMERICA DATA SETS 360-29118 AND 360-29259

Author: MICHAEL MURPHY MACTEC ENGINEERING AND CONSULT
Addressee: CHRIS RICARDI MACTEC ENGINEERING AND CONSULTING
STEVE MORROW OLIN CORP
Doc Type: REPORT
DATA VALIDATION REPORT
SAMPLING DATA

Doc Date: 09/30/2010 **# of Pages:** 17
Weston Number:

485016 [REDACTED] RESIDENTIAL PROPERTIES WITH PRIVATE WELLS PROPOSED FOR SAMPLING (SUPPORTING DOCUMENTATION ATTACHED)

Author:
Addressee:
Doc Type: LIST

Doc Date: 01/01/1111 **# of Pages:** 4
Weston Number:

485017 [REDACTED] TABLE C-20: USABLE EXISTING GROUNDWATER DATA SUMMARY - PRIVATE WELLS [MARGINALIA]

Author:
Addressee:
Doc Type: SAMPLING DATA

Doc Date: 01/01/1111 **# of Pages:** 10
Weston Number:

485018 [REDACTED] TABLE C-20: USABLE EXISTING GROUNDWATER DATA SUMMARY - PRIVATE WELLS

Author:
Addressee:
Doc Type: SAMPLING DATA

Doc Date: 01/01/1111 **# of Pages:** 70
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

485019 [REDACTED] MARCH 2010 SAMPLING (SUPPORTING DOCUMENTATION ATTACHED) [MARGINALIA]

Author:

Doc Date: 05/25/2010

of Pages: 4

Addressee:

Weston Number:

Doc Type: SAMPLING DATA

485045 RESIDENTIAL WELL SAMPLING

Author:

Doc Date: 08/27/2008

of Pages: 5

Addressee:

Weston Number:

Doc Type: SAMPLING DATA

485046 PROPOSED DRINKING WELL ANALYTES

Author:

Doc Date: 01/01/1111

of Pages: 1

Addressee:

Weston Number:

Doc Type: SAMPLING DATA

485064 PROPOSED ADDITIONAL DRINKING WELL ANALYTES [REVISED]

Author:

Doc Date: 01/01/1111

of Pages: 2

Addressee:

Weston Number:

Doc Type: SAMPLING DATA

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

485067 PROPOSED ADDITIONAL DRINKING WELL ANALYTES

Author:
Addressee:
Doc Type: SAMPLING DATA

Doc Date: 01/01/1111 **# of Pages:** 2
Weston Number:

485080 DATA VALIDATION SUMMARY, TEST AMERICA DATA SET 360-21622 (06/05/2009 TRANSMITTAL LETTER ATTACHED) [MARGINALIA]

Author: MICHAEL MURPHY MACTEC ENGINEERING AND CONSULT
Addressee: CHRIS RICARDI MACTEC ENGINEERING AND CONSULTING
STEVE MORROW OLIN CORP
Doc Type: DATA VALIDATION REPORT
REPORT
SAMPLING DATA

Doc Date: 06/02/2009 **# of Pages:** 483
Weston Number:

485093 PROPOSED ADDITIONAL DRINKING WELL ANALYTES [MARGINALIA]

Author:
Addressee:
Doc Type: SAMPLING DATA

Doc Date: 01/01/1111 **# of Pages:** 1
Weston Number:

485097 [REDACTED] TABLE 4: CALCULATION OF EXCESS LIFE CANCER RISK BASED ON CHILDHOOD AND ADULT EXPOSURE BASED ON MOST RECENT GROUNDWATER CONCENTRATION

Author:
Addressee:
Doc Type: SAMPLING DATA

Doc Date: 08/01/2010 **# of Pages:** 1
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

485098 [REDACTED] TABLES 1 THROUGH 4: CALCULATION OF EXCESS LIFE CANCER RISK BASED ON CHILDHOOD AND ADULT EXPOSURE BASED ON MOST RECENT GROUNDWATER CONCENTRATION

Author:

Doc Date: 10/01/2010 # of Pages: 4

Addressee:

Weston Number:

Doc Type: SAMPLING DATA

485099 [REDACTED] RESIDENTIAL PROPERTIES WITH PRIVATE WELLS PROPOSED FOR SAMPLING [MARGINALIA]

Author:

Doc Date: 01/01/1111 # of Pages: 1

Addressee:

Weston Number:

Doc Type: LIST

485500 [REDACTED] SPREADSHEET WITH MARCH 2010 SAMPLING, RESIDENTIAL DRINKING WATER INGESTION CANCER RISK OF 24 NG/L OF N-NITROSODIPROPYLAMINE, ASSUMING MUTAGENIC MODE OF CARCINOGENESIS

Author:

Doc Date: 03/01/2010 # of Pages: 4

Addressee:

Weston Number:

Doc Type: SAMPLING DATA

485501 [REDACTED] PROPOSED DRINKING WELL ANALYTES [MARGINALIA]

Author:

Doc Date: 01/01/1111 # of Pages: 2

Addressee:

Weston Number:

Doc Type: SAMPLING DATA

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
*****For External Use*****

02: REMOVAL RESPONSE

File Break: 02.03

485505 [REDACTED] SUMMARY OF PRIVATE RESIDENCE WELL MONITORING DATA AND COMPARISON TO FEDERAL AND MASSACHUSETTS DRINKING WATER STANDARDS/GUIDELINES (12/03/2010 DATA VALIDATION SUMMARY ATTACHED)

Author:
Addressee:
Doc Type: SAMPLING DATA

Doc Date: 11/12/2010 # of Pages: 60
Weston Number:

485506 [REDACTED] SUMMARY OF PRIVATE RESIDENCE WELL MONITORING DATA AND COMPARISON TO FEDERAL AND MASSACHUSETTS DRINKING WATER STANDARDS/GUIDELINES (12/03/2010 DATA VALIDATION SUMMARY ATTACHED) [MARGINALIA]

Author:
Addressee:
Doc Type: SAMPLING DATA

Doc Date: 11/12/2010 # of Pages: 60
Weston Number:

485509 [REDACTED] SUMMARY OF PRIVATE RESIDENCE WELL MONITORING DATA AND COMPARISON TO FEDERAL AND MASSACHUSETTS DRINKING WATER STANDARDS/GUIDELINES (12/03/2010 DATA VALIDATION SUMMARY ATTACHED)

Author:
Addressee:
Doc Type: SAMPLING DATA

Doc Date: 11/12/2010 # of Pages: 60
Weston Number:

485513 [REDACTED] SUMMARY OF PRIVATE RESIDENCE WELL MONITORING DATA AND COMPARISON TO FEDERAL AND MASSACHUSETTS DRINKING WATER STANDARDS/GUIDELINES (12/03/2010 DATA VALIDATION SUMMARY ATTACHED) [MARGINALIA]

Author:
Addressee:
Doc Type: SAMPLING DATA

Doc Date: 11/12/2010 # of Pages: 60
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

485515 [REDACTED] RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISKS

Author:
Addressee:
Doc Type: SAMPLING DATA

Doc Date: 01/01/1111 # of Pages: 2
Weston Number:

485517 [REDACTED] TABLE 3: SUMMARY OF RECOMMENDED PRIVATE WELL SAMPLING

Author:
Addressee:
Doc Type: SAMPLING DATA

Doc Date: 01/01/1111 # of Pages: 4
Weston Number:

485521 [REDACTED] SUMMARY OF PRIVATE RESIDENCE WELL MONITORING DATA AND COMPARISON TO FEDERAL AND MASSACHUSETTS DRINKING WATER STANDARDS/GUIDELINES (12/03/2010 DATA VALIDATION SUMMARY ATTACHED) [MARGINALIA]

Author:
Addressee:
Doc Type: SAMPLING DATA

Doc Date: 11/12/2010 # of Pages: 60
Weston Number:

485522 [REDACTED] SUMMARY OF PRIVATE RESIDENCE WELL MONITORING DATA AND COMPARISON TO FEDERAL AND MASSACHUSETTS DRINKING WATER STANDARDS/GUIDELINES (12/03/2010 DATA VALIDATION SUMMARY ATTACHED) [MARGINALIA]

Author:
Addressee:
Doc Type: SAMPLING DATA

Doc Date: 11/12/2010 # of Pages: 76
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

485523 [REDACTED] TABLE C.2-1: GROUNDWATER ANALYTICAL RESULTS DRAFT REMEDIAL INVESTIGATION (RI) REPORT

Author:
Addressee:
Doc Type: SAMPLING DATA

Doc Date: 08/14/2007 **# of Pages:** 4
Weston Number:

485524 [REDACTED] TABLE 1: ANALYTICAL DATA FOR PRIVATE WELL SAMPLING

Author:
Addressee:
Doc Type: SAMPLING DATA

Doc Date: 08/05/2004 **# of Pages:** 6
Weston Number:

485525 [REDACTED] LETTER REGARDING RESIDENTIAL WELL SAMPLING (SUPPORTING DOCUMENTATION ATTACHED)

Author: STEVE MORROW OLIN CORP
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: LETTER
CORRESPONDENCE

Doc Date: 03/02/2009 **# of Pages:** 21
Weston Number:

485527 [REDACTED] RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISKS [HIGHLIGHTS]

Author:
Addressee:
Doc Type: SAMPLING DATA

Doc Date: 01/01/1111 **# of Pages:** 1
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

485528 [REDACTED] LETTER REGARDING RESIDENTIAL WELL SAMPLING (SUPPORTING DOCUMENTATION ATTACHED)

Author: STEVE MORROW OLIN CORP
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 02/18/2009 **# of Pages:** 26
Weston Number:

485530 [REDACTED] LETTER REGARDING RESIDENTIAL WELL SAMPLING (SUPPORTING DOCUMENTATION ATTACHED)

Author: STEVE MORROW OLIN CORP
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 02/18/2009 **# of Pages:** 23
Weston Number:

485531 [REDACTED] LETTER REGARDING RESIDENTIAL WELL SAMPLING (SUPPORTING DOCUMENTATION ATTACHED)

Author: STEVE MORROW OLIN CORP
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: LETTER
CORRESPONDENCE

Doc Date: 02/18/2009 **# of Pages:** 23
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

485532 [REDACTED] LETTER REGARDING RESIDENTIAL WELL SAMPLING (SUPPORTING DOCUMENTATION ATTACHED)

Author: STEVE MORROW OLIN CORP
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 02/18/2009 **# of Pages:** 23
Weston Number:

485533 [REDACTED] LETTER REGARDING RESIDENTIAL WELL SAMPLING (SUPPORTING DOCUMENTATION ATTACHED)

Author: STEVE MORROW OLIN CORP
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 02/18/2009 **# of Pages:** 23
Weston Number:

485534 [REDACTED] LETTER REGARDING RESIDENTIAL WELL SAMPLING (SUPPORTING DOCUMENTATION ATTACHED)

Author: STEVE MORROW OLIN CORP
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: LETTER
CORRESPONDENCE

Doc Date: 02/18/2009 **# of Pages:** 23
Weston Number:

485550 [REDACTED] SPREADSHEET WITH COMPARISON OF WELL MONITORING DATA (AUGUST 2010) WITH EPA REGIONAL SCREENING LEVELS OF TAPWATER

Author:
Addressee:
Doc Type: SAMPLING DATA

Doc Date: 01/01/1111 **# of Pages:** 3
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

485551 [REDACTED] ANALYTICAL RESULTS FOR PRIVATE WELLS - OCTOBER 2008 - MARCH 2010

Author:
Addressee:
Doc Type: SAMPLING DATA

Doc Date: 03/01/2010 # of Pages: 8
Weston Number:

485553 [REDACTED] ANALYTICAL RESULTS FOR PRIVATE WELLS - OCTOBER 2008 - NOVEMBER 2009

Author:
Addressee:
Doc Type: SAMPLING DATA

Doc Date: 11/01/2009 # of Pages: 8
Weston Number:

485554 [REDACTED] ANALYTICAL RESULTS FOR PRIVATE WELLS - OCTOBER 2008 - NOVEMBER 2009

Author:
Addressee:
Doc Type: SAMPLING DATA

Doc Date: 11/01/2009 # of Pages: 8
Weston Number:

485557 [REDACTED] SUMMARY OF RESIDENCE WELL MONITORING DATA AND COMPARISON TO FEDERAL DRINKING WATER STANDARDS/GUIDELINES

Author: STEVE MORROW OLIN CORP
Addressee:
Doc Type: SAMPLING DATA

Doc Date: 01/29/2009 # of Pages: 2
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

485560 [REDACTED] SUMMARY OF RESIDENCE WELL MONITORING DATA AND COMPARISON TO FEDERAL DRINKING WATER STANDARDS/GUIDELINES

Author: STEVE MORROW OLIN CORP

Doc Date: 01/08/2009 # of Pages: 2

Addressee:

Weston Number:

Doc Type: SAMPLING DATA

485565 [REDACTED] ANALYTICAL RESULTS FOR PRIVATE WELLS - OCTOBER 2008 - MARCH 2010

Author:

Doc Date: 03/01/2010 # of Pages: 2

Addressee:

Weston Number:

Doc Type: SAMPLING DATA

485621 [REDACTED] EVALUATION OF FORMALDEHYDE DATA

Author: STEVE MORROW OLIN CORP

Doc Date: 07/29/2009 # of Pages: 4

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: LETTER
CORRESPONDENCE

485622 [REDACTED] RESPONSE TO MACTEC'S DATA VALIDATION COMMENTS ON FORMALDEHYDE DATED JUNE 24, 2009 (WITH ATTACHMENT)

Author: GAIL DERUZZO NOBIS ENGINEERING INC

Doc Date: 07/10/2009 # of Pages: 15

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: SAMPLING DATA
LETTER
CORRESPONDENCE
REPORT

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

485624 [REDACTED] DATA SUMMARY TABLE TIER 2 VALIDATED DATA AQUEOUS ANALYSES DAS NO. 0022S, SDG NO. DOO232/368405

Author:
Addressee:
Doc Type: SAMPLING DATA
REPORT

Doc Date: 03/28/2009 # of Pages: 2
Weston Number:

485625 [REDACTED] EPA SPLITS SPECIALTY CHEMS DAS 0043S-403099 VALIDATED

Author:
Addressee:
Doc Type: REPORT
SAMPLING DATA

Doc Date: 11/10/2009 # of Pages: 2
Weston Number:

485626 [REDACTED] ANALYSIS OF GROUNDWATER (MAP 27/LOT 14C) SPLIT RESULTS

Author: JAMES DILORENZO US EPA REGION 1
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: LETTER
CORRESPONDENCE

Doc Date: 02/19/2009 # of Pages: 2
Weston Number:

485627 [REDACTED] ANALYSIS OF GROUNDWATER (MAP 24/LOT 87) SPLIT RESULTS

Author: JAMES DILORENZO US EPA REGION 1
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: LETTER
CORRESPONDENCE

Doc Date: 02/19/2009 # of Pages: 2
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

485628 [REDACTED] ANALYSIS OF GROUNDWATER (MAP 24/LOT 63) SPLIT RESULTS

Author: JAMES DILORENZO US EPA REGION 1
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 02/27/2009 **# of Pages:** 2
Weston Number:

485629 [REDACTED] ANALYSIS OF GROUNDWATER (MAP 15/LOT 2C) SPLIT RESULTS

Author: JAMES DILORENZO US EPA REGION 1
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 02/19/2009 **# of Pages:** 2
Weston Number:

485630 [REDACTED] ANALYSIS OF GROUNDWATER (MAP 14/LOT 2B) SPLIT RESULTS

Author: JAMES DILORENZO US EPA REGION 1
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: CORRESPONDENCE
LETTER

Doc Date: 02/19/2009 **# of Pages:** 2
Weston Number:

485631 [REDACTED] SPLIT COMPARISON OF PRIVATE WELL RESULTS 2008

Author:
Addressee:
Doc Type: SAMPLING DATA
REPORT

Doc Date: 10/01/2008 **# of Pages:** 2
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

485636 [REDACTED] RESIDENTIAL WELL SAMPLING PROGRAM (VALIDATION SUMMARY AND ANALYTICAL DATA ATTACHED)

Author: STEPHEN MORROW OLIN CORP
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: REPORT
SAMPLING DATA

Doc Date: 09/23/2010 # of Pages: 4
Weston Number:

485640 [REDACTED] ANALYTICAL SCREENING DATA REPORT WATER SAMPLES (11/17/2008 AND 01/10/2000 TRANSMITTALS ATTACHED)

Author: MA DEP
Addressee:
Doc Type: REPORT
SAMPLING DATA

Doc Date: 11/17/2008 # of Pages: 8
Weston Number:

485642 [REDACTED] TECHNICAL OVERSIGHT REPORT, POTENTIALLY RESPONSIBLE PARTY (PRP) SAMPLING OF RESIDENTIAL WELLS (12/16/2008 TRANSMITTAL LETTER ATTACHED)

Author: NOBIS ENGINEERING INC
Addressee:
Doc Type: REPORT
SAMPLING DATA

Doc Date: 12/01/2008 # of Pages: 14
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

485645 [REDACTED] HYDRAZINE DETECTED AT RESIDENTIAL WELL

Author: RICHARD SUGATT US EPA REGION 1

Doc Date: 08/10/2010 # of Pages: 2

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: SAMPLING DATA
LETTER
CORRESPONDENCE
REPORT

485646 [REDACTED] EMAIL REGARDING MARCH 2010 RISK CALCULATION (WITH ATTACHMENTS)

Author: RICHARD SUGATT US EPA REGION 1

Doc Date: 08/10/2010 # of Pages: 4

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: SAMPLING DATA
LETTER
CORRESPONDENCE

485647 [REDACTED] REVIEW SUMMARY OF PRIVATE WELL INVENTORY AND SAMPLING ACTIVITIES DURING IMMEDIATE RESPONSE ACTIONS 2003/2004 (06/18/2008 TRANSMITTAL LETTER AND TABLES ATTACHED) [MARGINALIA]

Author: NOBIS ENGINEERING INC

Doc Date: 06/01/2008 # of Pages: 13

Addressee:

Weston Number:

Doc Type: REPORT
SAMPLING DATA

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

485648 [REDACTED] UPDATE ON PRIVATE WELL SAMPLING EFFORT

Author: JAMES DILORENZO US EPA REGION 1

Doc Date: 09/23/2010 # of Pages: 7

Addressee:

Weston Number:

Doc Type: REPORT
SAMPLING DATA

485651 [REDACTED] REVIEW SUMMARY OF PRIVATE WELL INVENTORY AND SAMPLING ACTIVITIES DURING IMMEDIATE RESPONSE ACTIONS 2003/2004 (06/09/2008 TRANSMITTAL LETTER AND TABLES ATTACHED) [MARGINALIA]

Author: NOBIS ENGINEERING INC

Doc Date: 06/01/2008 # of Pages: 11

Addressee:

Weston Number:

Doc Type: REPORT
SAMPLING DATA

485656 [REDACTED] RESIDENTIAL WELL SAMPLING RESULTS (FINAL RESULTS SUMMARY ATTACHED) [MARGINALIA]

Author: STEVE MORROW OLIN CORP

Doc Date: 12/19/2008 # of Pages: 7

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: LETTER
SAMPLING DATA
REPORT
CORRESPONDENCE

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

485657 [REDACTED] 2011 QUARTER 1 PRIVATE WELL DATA

Author:
Addressee:
Doc Type: SAMPLING DATA
REPORT

Doc Date: 03/24/2011 **# of Pages:** 2
Weston Number:

485667 [REDACTED] LETTER REGARDING RESIDENTIAL WELL SAMPLING

Author: STEPHEN MORROW OLIN CORP
Addressee: WILMINGTON (MA) - RESIDENT OF
Doc Type: SAMPLING DATA
LETTER
CORRESPONDENCE

Doc Date: 01/13/2011 **# of Pages:** 1
Weston Number:

485668 [REDACTED] PRIVATE RESIDENTIAL WELLS SAMPLED

Author:
Addressee:
Doc Type: REPORT

Doc Date: 12/15/2010 **# of Pages:** 2
Weston Number:

485669 [REDACTED] SECOND SAMPLING EVENT OF WILMINGTON RESIDENTIAL WELLS - 07/29/2010 - 08/23/2010

Author:
Addressee:
Doc Type: SAMPLING DATA

Doc Date: 01/01/1111 **# of Pages:** 2
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

485670 [REDACTED] SPREADSHEET WITH RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISK 30 YEAR EXPOSURE BASED ON 11/2009 EPA SAMPLING RESULTS

Author: HEATHER FORD NOBIS ENGINEERING INC

Doc Date: 01/01/1111 # of Pages: 3

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: SAMPLING DATA

485671 [REDACTED] SPREADSHEET WITH RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISKS

Author: HEATHER FORD NOBIS ENGINEERING INC

Doc Date: 01/01/1111 # of Pages: 2

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: SAMPLING DATA

485674 [REDACTED] RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISKS

Author: CYNTHIA WOODS AVATAR ENVIRONMENTAL

Doc Date: 01/01/1111 # of Pages: 2

Addressee: RICHARD SUGATT US EPA REGION 1

Weston Number:

Doc Type: SAMPLING DATA

70001452 SUMMARY OF 2010 PRIVATE WELL DATA M-14/L-02B

Author:

Doc Date: 04/05/2011 # of Pages: 11

Addressee:

Weston Number:

Doc Type: REPORT
SAMPLING DATA

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

70001454 SUMMARY OF 2010 PRIVATE WELL DATA M-27M-27/L-14C

Author:
Addressee:
Doc Type: SAMPLING DATA
REPORT

Doc Date: 04/05/2011 # of Pages: 1
Weston Number:

70001461 SUMMARY OF 2010 PRIVATE WELL DATA M-14/L-02B

Author:
Addressee:
Doc Type: SAMPLING DATA
DATA SUMMARY REPORT
REPORT

Doc Date: 03/21/2011 # of Pages: 11
Weston Number:

70001482 SUMMARY OF 2010 PRIVATE WELL DATA

Author:
Addressee:
Doc Type: SAMPLING DATA

Doc Date: 03/18/2011 # of Pages: 11
Weston Number:

70001525 RESIDENTIAL DRINKING WATER INGESTION CANCER RISK 70 YEAR EXPOSURE

Author:
Addressee:
Doc Type: REPORT
SAMPLING DATA

Doc Date: 03/10/2011 # of Pages: 0
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

70001548 RESIDENTIAL DRINKING WATER INGESTION CANCER RISK

Author:
Addressee:
Doc Type: SAMPLING DATA

Doc Date: 10/01/2010 **# of Pages:** 0
Weston Number:

70001569 ANALYTICAL REPORT, SDG NO. 360-30382-1

Author: BECKY C MASON TEST AMERICA
Addressee: JAMES T WICKHAM TEST AMERICA
OLIN CORP
Doc Type: REPORT

Doc Date: 10/18/2010 **# of Pages:** 302
Weston Number:

70001573 RESIDENTIAL DRINKING WATER INGESTION CANCER RISK-BASED CONCENTRATION FOR 1E-04 CANCER RISK AND 70 YEAR EXPOSURE

Author:
Addressee:
Doc Type: SAMPLING DATA

Doc Date: 01/01/1111 **# of Pages:** 0
Weston Number:

70001575 EMAIL REGARDING RISK CALCULATION FOR RESIDENTIAL DRINKING WATER SAMPLE WITH BEHP DATA HIT

Author: HEATHER FORD NOBIS ENGINEERING INC
Addressee: JAMES DILORENZO US EPA REGION 1
Doc Type: EMAIL
CORRESPONDENCE

Doc Date: 08/17/2010 **# of Pages:** 3
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

70001583 RESIDENTIAL DERMAL CONTACT NON-CANCER RISK RESIDENTIAL CHILD EXPOSURE

Author: HEATHER FORD NOBIS ENGINEERING INC

Doc Date: 01/01/1111 # of Pages: 0

Addressee: JAMES DILORENZO US EPA REGION 1

Weston Number:

Doc Type: SAMPLING DATA

70001585 RESIDENTIAL INGESTION NON-CANCER RISK RESIDENTIAL CHILD EXPOSURE

Author:

Doc Date: 01/01/1111 # of Pages: 0

Addressee:

Weston Number:

Doc Type: SAMPLING DATA

70001620 PROPOSED DRINKING WELL ANALYTES

Author:

Doc Date: 01/01/1111 # of Pages: 0

Addressee:

Weston Number:

Doc Type: SAMPLING DATA

70001633 PROPOSED DRINKING WELL ANALYTES

Author:

Doc Date: 01/01/1111 # of Pages: 0

Addressee:

Weston Number:

Doc Type: SAMPLING DATA

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

02: REMOVAL RESPONSE

File Break: 02.03

70001652 PROPOSED ADDITIONAL DRINKING WELL ANALYTES

Author:
Addressee:
Doc Type: SAMPLING DATA

Doc Date: 01/01/1111 # of Pages: 0
Weston Number:

70001653 FIELD AND QUALITY CONTROL SAMPLE SUMMARY (TABLE ON SAMPLE CONTAINERS, PRESERVATION AND HOLDING TIME ATTACHED)

Author: NOBIS ENGINEERING INC
Addressee:
Doc Type: SAMPLING DATA

Doc Date: 01/01/1111 # of Pages: 2
Weston Number:

03: REMEDIAL INVESTIGATION (RI)

File Break: 03.01

280858 EMAIL REGARDING PLANNED SPLIT SAMPLING (WITH 11/08/2007 EMAIL ATTACHED)

Author: PETER H THOMPSON MACTEC ENGINEERING AND CONSUL
Addressee: JAMES M DILORENZO US EPA REGION 1
Doc Type: MEMO
CORRESPONDENCE

Doc Date: 11/09/2007 # of Pages: 6
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

03: REMEDIAL INVESTIGATION (RI)

File Break: 03.01

280859 SAMPLE RECEIPT MEMORANDUM

Author: DAN BOUDREAU US EPA REGION 1

Doc Date: 12/12/2007 # of Pages: 1

Addressee: JAMES M DILORENZO US EPA REGION 1

Weston Number:

Doc Type: MEMO
CORRESPONDENCE

File Break: 03.02

280857 SPLIT DATA FOR GROUNDWATER LETTER REPORT

Author: JAMES M DILORENZO US EPA REGION 1

Doc Date: 01/10/2008 # of Pages: 1

Addressee: STEPHEN MORROW OLIN CORP

Weston Number:

Doc Type: REPORT

280860 SPLIT DATA FOR GROUNDWATER LETTER REPORT [MARGINALIA]

Author: DANIEL N BOUDREAU US EPA REGION 1

Doc Date: 12/04/2007 # of Pages: 11

Addressee: JAMES M DILORENZO US EPA REGION 1

Weston Number:

Doc Type: REPORT

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

03: REMEDIAL INVESTIGATION (RI)

File Break: 03.02

280861 SPLIT DATA FOR GROUNDWATER LETTER REPORT [MARGINALIA]

Author: DANIEL N BOUDREAU US EPA REGION 1
Addressee: JAMES M DILORENZO US EPA REGION 1
Doc Type: MEMO
REPORT
CORRESPONDENCE

Doc Date: 11/28/2007 **# of Pages:** 26
Weston Number:

280862 SPLIT DATA FOR GROUNDWATER LETTER REPORT [MARGINALIA]

Author: DANIEL N BOUDREAU US EPA REGION 1
Addressee: JAMES M DILORENZO US EPA REGION 1
Doc Type: REPORT

Doc Date: 11/29/2007 **# of Pages:** 26
Weston Number:

280863 SAMPLING & ANALYSIS SPLIT DATA FOR GROUNDWATER REPORT [MARGINALIA]

Author: ALPHA ANALYTICAL LABORATORIES
Addressee: DANIEL N BOUDREAU US EPA REGION 1
Doc Type: SAMPLING DATA

Doc Date: 11/20/2007 **# of Pages:** 12
Weston Number:

280864 SPLIT DATA FOR GROUNDWATER LETTER REPORT [MARGINALIA]

Author: DANIEL N BOUDREAU US EPA REGION 1
Addressee: JAMES M DILORENZO US EPA REGION 1
Doc Type: REPORT

Doc Date: 12/04/2007 **# of Pages:** 11
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

13: COMMUNITY RELATIONS

File Break: 13.05

483523 FACT SHEET: EMERGING CONTAMINENT N-NITROSODIMETHYLAMINE (NDMA)

Author: US EPA REGION 1

Doc Date: 09/01/2009

of Pages: 4

Addressee:

Weston Number:

Doc Type: FACT SHEET
PUBLIC INFORMATION

484793 FACT SHEET: EMERGING CONTAMINENT N-NITROSODIMETHYLAMINE (NDMA)

Author: US EPA REGION 1

Doc Date: 04/01/2008

of Pages: 4

Addressee:

Weston Number:

Doc Type: PUBLIC INFORMATION
FACT SHEET

485601 FACT SHEET: CURRENT REGULATORY LIMIT - N NITROSODIMETHYLAMINE (NDMA)

Author: ATSDR

Doc Date: 02/15/2008

of Pages: 20

Addressee:

Weston Number:

Doc Type: PUBLIC INFORMATION
FACT SHEET

70001483 ATSDR FACT SHEET: N-NITROSODIMETHYLAMINE (NDMA)

Author: ATSDR

Doc Date: 07/01/1999

of Pages: 2

Addressee:

Weston Number:

Doc Type: PUBLIC INFORMATION
FACT SHEET

OLIN CHEMICAL

AR Collection: 62047

EE/CA APPROVAL MEMO REDACTED

AR Collection Index Report

For External Use

13: COMMUNITY RELATIONS

File Break: 13.05

70001618 FACT SHEET: N-NITROSO-DIMETHYLAMINE (NDMA) CAS #62-75-9

Author: ATSDR

Doc Date: 07/01/1999

of Pages: 2

Addressee:

Weston Number:

Doc Type: FACT SHEET
PUBLIC INFORMATION

17: SITE MANAGEMENT RECORDS

File Break: 17.02

485049 CONSENT FOR ACCESS TO PROPERTY

Author: US EPA REGION 1

Doc Date: 01/01/1111

of Pages: 1

Addressee:

Weston Number:

Doc Type: FORM

485050 CONSENT FOR ACCESS TO PROPERTY

Author: US EPA REGION 1

Doc Date: 01/01/1111

of Pages: 1

Addressee:

Weston Number:

Doc Type: FORM

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

17: SITE MANAGEMENT RECORDS

File Break: 17.04

484770 [REDACTED] FIGURE 1 N-NITROSODIMETHYLAMINE (NDMA) CONCENTRATIONS IN RESIDENTIAL WELLS - DECEMBER 2010

Author: NOBIS ENGINEERING INC
Addressee:
Doc Type: MAP

Doc Date: 02/07/2011 # of Pages: 1
Weston Number:

484789 MAP: FIGURE 1 N-NITROSODIMETHYLAMINE (NDMA) CONCENTRATIONS IN RESIDENTIAL WELLS, REVISION 03 - 2010

Author: NOBIS ENGINEERING INC
Addressee:
Doc Type: MAP

Doc Date: 04/06/2011 # of Pages: 1
Weston Number:

485095 MAP: EXTENT OF GROUNDWATER IMPACT [MARGINALIA]

Author: MACTEC ENGINEERING AND CONSULTING INC
Addressee:
Doc Type: MAP

Doc Date: 01/01/1111 # of Pages: 1
Weston Number:

485511 [REDACTED] TABLE 2.1-18: RESIDENTIAL WELL SAMPLE LOCATIONS

Author: MACTEC ENGINEERING AND CONSULTING INC
Addressee:
Doc Type: MAP

Doc Date: 08/24/2007 # of Pages: 1
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

17: SITE MANAGEMENT RECORDS

File Break: 17.04

485536 [REDACTED] MAP: SITE LOCATION [MARGINALIA]

Author: MACTEC ENGINEERING AND CONSULTING INC
Addressee:
Doc Type: MAP

Doc Date: 08/28/2007 **# of Pages:** 1
Weston Number:

485564 [REDACTED] MAP: FIGURE 1 N-NITROSODIMETHYLAMINE (NDMA) CONCENTRATIONS IN RESIDENTIAL WELLS - 2010

Author: NOBIS ENGINEERING INC
Addressee:
Doc Type: MAP

Doc Date: 03/31/2011 **# of Pages:** 1
Weston Number:

485649 [REDACTED] MAP: FIGURE 1 PRIVATE WELL INVESTIGATION SURVEY

Author: MACTEC
Addressee:
Doc Type: MAP

Doc Date: 01/20/2004 **# of Pages:** 1
Weston Number:

70001473 MAP: N-NITROSODIMETHYLAMINE (NDMA) CONCENTRATIONS IN RESIDENTIAL WELLS - 2010

Author: NOBIS ENGINEERING INC
Addressee:
Doc Type: MAP

Doc Date: 04/06/2011 **# of Pages:** 1
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

17: SITE MANAGEMENT RECORDS

File Break: 17.04

70001475 FIGURE 1: N-NITROSODIMETHYLAMINE (NDMA) CONCENTRATIONS IN RESIDENTIAL WELLS - 2010

Author: NOBIS ENGINEERING INC
Addressee:
Doc Type: MAP

Doc Date: 03/31/2011 # of Pages: 1
Weston Number:

70001478 ADDITIONAL WELL LOCATIONS FIGURE

Author: GOOGLE
Addressee:
Doc Type: MAP

Doc Date: 03/24/2011 # of Pages: 1
Weston Number:

File Break: 17.07

484798 DRINKING WATER CONTAMINANTS

Author: US EPA
Addressee:
Doc Type: REPORT

Doc Date: 02/15/2008 # of Pages: 13
Weston Number:

484799 2008 STANDARDS AND GUIDELINES FOR CONTAMINANTS IN MASSACHUSETTS DRINKING WATER

Author: MA DEP
Addressee:
Doc Type: REPORT

Doc Date: 02/15/2008 # of Pages: 7
Weston Number:

OLIN CHEMICAL
AR Collection: 62047
EE/CA APPROVAL MEMO REDACTED
AR Collection Index Report
For External Use

17: SITE MANAGEMENT RECORDS

File Break: 17.07

485600 CURRENT REGULATORY LIMIT: N NITROSODIMETHYLAMINE (NDMA)

Author: MA DEP

Doc Date: 02/15/2008 # of Pages: 3

Addressee:

Weston Number:

Doc Type: REPORT

485609 ASSESSMENT GUIDANCE FOR PERCHLORATE

Author: SUSAN PARKER BODINE US EPA

Doc Date: 01/26/2006 # of Pages: 3

Addressee: REGIONAL ADMINISTRATORS-REGIONS I-X

Weston Number:

Doc Type: REPORT

485643 [REDACTED] GROUNDWATER USE AND VALUE DETERMINATION (05/30/2008 MAP ATTACHED) [MARGINALIA]

Author:

Doc Date: 06/01/2008 # of Pages: 3

Addressee:

Weston Number:

Doc Type: REPORT

Number of Documents in Administrative Record: 389

OLIN CHEMICAL
Confidential Documents
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

483446 LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN MARCH 2010 (07/23/2010 LETTER AND 07/08/2008 DATA VALIDATION SUMMARY TEST AMERICA DATA SETS 360-27496-1 AND 360-27496-2 ATTACHED) [MARGINALIA]

LETTER
CORRESPONDENCE

Doc Date: 08/04/2010

of Pages: 58

Bates Number:

483447 LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN MARCH 2010 (07/23/2010 LETTER AND 07/08/2008 DATA VALIDATION SUMMARY, TEST AMERICA DATA SETS 360-27496-1 AND 360-27496-2 ATTACHED)

CORRESPONDENCE
LETTER

Doc Date: 08/04/2010

of Pages: 58

Bates Number:

483448 LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN MARCH 2010 (07/23/2010 LETTER AND 07/08/2008 DATA VALIDATION SUMMARY TEST AMERICA DATA SETS 360-27496-1 AND 360-27496-2 ATTACHED) [MARGINALIA]

LETTER
CORRESPONDENCE

Doc Date: 08/04/2010

of Pages: 58

Bates Number:

483449 LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN MARCH 2010 (07/23/2010 LETTER AND 07/08/2008 DATA VALIDATION SUMMARY TEST AMERICA DATA SETS 360-27496-1 AND 360-27496-2 ATTACHED) [MARGINALIA]

LETTER
CORRESPONDENCE

Doc Date: 08/04/2010

of Pages: 58

Bates Number:

483450 LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN MARCH 2010 (07/23/2010 LETTER AND 07/08/2008 DATA VALIDATION SUMMARY TEST AMERICA DATA SETS 360-27496-1 AND 360-27496-2 ATTACHED) [MARGINALIA]

CORRESPONDENCE
LETTER

Doc Date: 08/04/2010

of Pages: 58

Bates Number:

483451 LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN MARCH 2010 (07/23/2010 LETTER AND 07/08/2008 DATA VALIDATION SUMMARY TEST AMERICA DATA SETS 360-27496-1 AND 360-27496-2 ATTACHED) [MARGINALIA]

CORRESPONDENCE
LETTER

Doc Date: 08/04/2010

of Pages: 58

Bates Number:

OLIN CHEMICAL
Confidential Documents
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

483452 LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN MARCH 2010 (07/23/2010 LETTER AND 07/08/2008 DATA VALIDATION SUMMARY TEST AMERICA DATA SETS 360-27496-1 AND 360-27496-2 ATTACHED) [MARGINALIA]

LETTER
CORRESPONDENCE

Doc Date: 08/03/2010

of Pages: 46

Bates Number:

483453 LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN DECEMBER 2008 (03/04/2009 LETTER AND LABORATORY ANALYSIS REPORT ATTACHED)

LETTER
CORRESPONDENCE

Doc Date: 03/04/2009

of Pages: 21

Bates Number:

483454 LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN DECEMBER 2008 (03/04/2009 LETTER AND LABORATORY ANALYSIS REPORT ATTACHED)

LETTER
CORRESPONDENCE

Doc Date: 03/04/2009

of Pages: 21

Bates Number:

483455 LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN MARCH AND JULY 2010 (10/15/2010 LETTER AND 07/08/2008 DATA VALIDATION SUMMARY TEST AMERICA DATA SETS 360-27496-1 AND 360-27496-2 ATTACHED) [MARGINALIA]

CORRESPONDENCE
LETTER

Doc Date: 10/15/2010

of Pages: 84

Bates Number:

483456 LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN JANUARY 2009 (04/16/2009 LETTER AND LABORATORY ANALYSIS REPORT ATTACHED) [MARGINALIA]

LETTER
CORRESPONDENCE

Doc Date: 04/21/2009

of Pages: 24

Bates Number:

483457 LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN MARCH 2009

CORRESPONDENCE
LETTER

Doc Date: 09/22/2009

of Pages: 1

Bates Number:

OLIN CHEMICAL
Confidential Documents
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

483458 LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN MARCH 2009 (06/02/2009 DATA VALIDATION SUMMARY TEST AMERICA DATA SET 360-21622 ATTACHED) [MARGINALIA]

CORRESPONDENCE
LETTER

Doc Date: 09/21/2009

of Pages: 15

Bates Number:

483459 LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN NOVEMBER 2009 (02/08/2010 LETTER AND 12/22/2009 DATA VALIDATION SUMMARY TEST AMERICA DATA SETS 360-25526-1 AND 360-25526-2 ATTACHED) [MARGINALIA]

LETTER
CORRESPONDENCE

Doc Date: 02/10/2010

of Pages: 44

Bates Number:

483460 LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN MARCH 2009 (09/21/2009 LETTER AND 06/02/2009 DATA VALIDATION SUMMARY TEST AMERICA DATA SET 360-21622 ATTACHED) [MARGINALIA]

CORRESPONDENCE
LETTER

Doc Date: 09/22/2009

of Pages: 16

Bates Number:

483461 LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN NOVEMBER 2009 (02/08/2010 LETTER AND 12/22/2009 DATA VALIDATION SUMMARY TEST AMERICA DATA SETS 360-25526-1 AND 360-25526-2 ATTACHED) [MARGINALIA]

LETTER
CORRESPONDENCE

Doc Date: 02/10/2010

of Pages: 33

Bates Number:

483462 LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN AUGUST 2010

LETTER
CORRESPONDENCE

Doc Date: 01/18/2011

of Pages: 1

Bates Number:

483463 LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN AUGUST 2010

LETTER
CORRESPONDENCE

Doc Date: 01/18/2011

of Pages: 1

Bates Number:

OLIN CHEMICAL
Confidential Documents
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

483464 LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN JULY, AUGUST AND SEPTEMBER 2010 (SUPPORTING DOCUMENTATION ATTACHED) [MARGINALIA]

LETTER
CORRESPONDENCE

Doc Date: 11/29/2010

of Pages: 36

Bates Number:

483465 LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN NOVEMBER 2009 (SUPPORTING DOCUMENTATION ATTACHED) [MARGINALIA]

LETTER
CORRESPONDENCE

Doc Date: 01/14/2010

of Pages: 34

Bates Number:

483466 LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN NOVEMBER 2009 (SUPPORTING DOCUMENTATION ATTACHED) [MARGINALIA]

CORRESPONDENCE
LETTER

Doc Date: 01/14/2010

of Pages: 45

Bates Number:

483467 LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN OCTOBER 2008 (SUPPORTING DOCUMENTATION ATTACHED) [MARGINALIA]

LETTER
CORRESPONDENCE

Doc Date: 02/18/2009

of Pages: 23

Bates Number:

483468 LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN JULY AND AUGUST 2010 (CERTIFIED MAIL RECEIPTS AND SUPPORTING DOCUMENTATION ATTACHED)

CORRESPONDENCE
LETTER

Doc Date: 01/17/2011

of Pages: 46

Bates Number:

483469 LETTER TRANSMITTING RESULTS OF RESIDENTIAL WELL SAMPLING CONDUCTED IN AUGUST 2010

LETTER
CORRESPONDENCE

Doc Date: 01/18/2011

of Pages: 1

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.01

483470 REQUEST TO SAMPLE RESIDENTIAL WELL WATER

CORRESPONDENCE
LETTER

Doc Date: 10/05/2009

of Pages: 1

Bates Number:

483471 LETTER PROVIDING FURTHER EXPLANATION OF GROUNDWATER RESULTS FOR RESIDENTIAL WELL

CORRESPONDENCE
LETTER

Doc Date: 10/19/2010

of Pages: 2

Bates Number:

483472 LETTER REGARDING DETECTION OF NDMA IN RESIDENTIAL WELL WATER (07/1999 FACT SHEET ATTACHED)

LETTER
CORRESPONDENCE

Doc Date: 02/19/2009

of Pages: 4

Bates Number:

483473 LETTER REGARDING ANALYSIS OF GROUNDWATER FROM RESIDENTIAL WELL (SUPPORTING DOCUMENTATION ATTACHED) [MARGINALIA]

LETTER
CORRESPONDENCE

Doc Date: 10/05/2009

of Pages: 31

Bates Number:

483474 LETTER REGARDING ANALYSIS OF GROUNDWATER FROM RESIDENTIAL WELL

CORRESPONDENCE
LETTER

Doc Date: 02/18/2010

of Pages: 3

Bates Number:

483475 LETTER REGARDING DETECTION OF NDMA IN RESIDENTIAL WELL WATER

LETTER
CORRESPONDENCE

Doc Date: 03/04/2009

of Pages: 2

Bates Number:

OLIN CHEMICAL
Confidential Documents
For External Use

02: REMOVAL RESPONSE

File Break: 02.01

483476 LETTER REGARDING ANALYSIS OF GROUNDWATER FROM RESIDENTIAL WELL (SUPPORTING DOCUMENTATION ATTACHED) [MARGINALIA]

CORRESPONDENCE
LETTER

Doc Date: 10/05/2009

of Pages: 30

Bates Number:

483477 LETTER REGARDING ANALYSIS OF GROUNDWATER FROM RESIDENTIAL WELL

CORRESPONDENCE
LETTER

Doc Date: 02/18/2010

of Pages: 4

Bates Number:

483514 EMAIL REGARDING OLIN-REVIEW OF PRIVATE WELL DATA [MARGINALIA]

EMAIL
MEMO
CORRESPONDENCE

Doc Date: 09/23/2010

of Pages: 1

Bates Number:

483516 EMAIL REGARDING SCANNED EPA FILES FOR WHITNEY BARREL (EMAIL HISTORY AND SAMPLING RESULTS ATTACHED) [MARGINALIA]

EMAIL
CORRESPONDENCE
MEMO

Doc Date: 09/23/2010

of Pages: 12

Bates Number:

483521 RESPONSE TO OLIN REGARDING EVALUATION OF FORMALDEHYDE DATA (CHRONOLOGY OF FORMALDEHYDE ATTACHED)

LETTER
CORRESPONDENCE

Doc Date: 08/27/2009

of Pages: 3

Bates Number:

OLIN CHEMICAL
Confidential Documents
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02: REMOVAL RESPONSE

File Break: 02.01

484794 ADDITIONAL COMMENTS ON PRIVATE WELL SUMMARY [MARGINALIA]

CORRESPONDENCE
LETTER

Doc Date: 08/06/2008

of Pages: 2

Bates Number:

485051 REQUEST TO REDUCE EXPOSURE TO NDMA [UNSIGNED]

CORRESPONDENCE
LETTER

Doc Date: 11/01/2010

of Pages: 3

Bates Number:

485052 REQUEST TO REDUCE EXPOSURE TO NDMA (ROUTING AND TRANSMITTAL SLIP ATTACHED) (WITH CONCURRENCES)

CORRESPONDENCE
LETTER

Doc Date: 11/01/2010

of Pages: 5

Bates Number:

485053 DETECTED CONCENTRATIONS 2008 TO 2009 PRIVATE WELL RESULTS

REPORT

Doc Date: 02/01/2009

of Pages: 2

Bates Number:

485054 LETTER REGARDING RESIDENTIAL WELL SAMPLING CONDUCTED IN AUGUST 2010

LETTER
CORRESPONDENCE

Doc Date: 01/24/2011

of Pages: 2

Bates Number:

485057 LETTER REGARDING RESIDENTIAL WELL SAMPLING CONDUCTED IN AUGUST 2010

LETTER
CORRESPONDENCE

Doc Date: 01/24/2011

of Pages: 2

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.01

485058 LETTER REGARDING RESIDENTIAL WELL SAMPLING CONDUCTED IN AUGUST 2010

LETTER
CORRESPONDENCE

Doc Date: 01/18/2011

of Pages: 1

Bates Number:

485060 HOME OWNER WELL SAMPLING PROGRAM (MAP ATTACHED) [MARGINALIA]

LIST

Doc Date: 10/24/2008

of Pages: 2

Bates Number:

485062 LETTER REGARDING RESIDENTIAL WELL SAMPLING CONDUCTED IN AUGUST 2010

LETTER
CORRESPONDENCE

Doc Date: 01/18/2011

of Pages: 1

Bates Number:

485065 ADDITIONAL COMMENTS ON PRIVATE WELL SUMMARY

CORRESPONDENCE
LETTER

Doc Date: 08/06/2008

of Pages: 2

Bates Number:

485068 LETTER REGARDING US EPA REQUEST TO PROVIDE BOTTLED WATER (SUPPORTING DOCUMENTATION ATTACHED)

LETTER
CORRESPONDENCE

Doc Date: 11/08/2010

of Pages: 82

Bates Number:

485070 RESIDENTIAL WELL SAMPLING UPDATE

LIST

Doc Date: 06/10/2009

of Pages: 2

Bates Number:

OLIN CHEMICAL
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02: REMOVAL RESPONSE

File Break: 02.01

485071 HOME OWNER WELL SAMPLING PROGRAM

LIST Doc Date: 10/24/2008 # of Pages: 2 Bates Number:

485072 LETTER REGARDING RESIDENTIAL WELL SAMPLING CONDUCTED IN AUGUST 2010

LETTER Doc Date: 01/18/2011 # of Pages: 1 Bates Number:
CORRESPONDENCE

485083 LETTER REGARDING DETECTION OF NDMA IN PRIVATE WELLS AND DISCONTINUATION OF THEIR USE AS SOURCE OF DRINKING WATER (ENVELOPE ATTACHED)

LETTER Doc Date: 10/22/2010 # of Pages: 2 Bates Number:
CORRESPONDENCE

485086 LETTER REGARDING PRIVATE WELL SAMPLING RESULTS (SUPPORTING DOCUMENTATION ATTACHED)

CORRESPONDENCE Doc Date: 10/04/2007 # of Pages: 18 Bates Number:
LETTER

485092 LIST OF WELLS SORTED BY ADDRESSES (MAPS ATTACHED) [HARD COPY IMAGE SKEWED]

LIST Doc Date: 02/11/2011 # of Pages: 9 Bates Number:

485605 EMAIL REGARDING OLIN'S PROPOSED PRIVATE WELL LIST

EMAIL Doc Date: 08/01/2008 # of Pages: 2 Bates Number:
CORRESPONDENCE

02: REMOVAL RESPONSE

File Break: 02.01

485607 EMAIL REGARDING WELL SAMPLING FOR METHYL TERTIARY BUTYL ETHER (MTBE) (EMAIL HISTORY ATTACHED)

LETTER
CORRESPONDENCE

Doc Date: 08/27/2008

of Pages: 3

Bates Number:

485620 GIS PRIVATE WELLS

LIST

Doc Date: 01/01/1111

of Pages: 2

Bates Number:

70001436 EMAIL REGARDING PRIVATE WELL SAMPLING 2011 - 1ST QUARTER

CORRESPONDENCE
EMAIL

Doc Date: 03/24/2011

of Pages: 2

Bates Number:

70001437 EMAIL REGARDING DRAFT REVIEW FOR PRIVATE WELL RESULTS QUARTER 3 AND 4

EMAIL
CORRESPONDENCE

Doc Date: 03/28/2011

of Pages: 2

Bates Number:

70001438 EMAIL REGARDING PRIVATE WELL QUARTER 3 AND 4, INTERNAL DRAFT

CORRESPONDENCE
EMAIL

Doc Date: 03/28/2011

of Pages: 2

Bates Number:

70001440 EMAIL REGARDING COMMENTS ON REVISED PRIVATE WELL FIGURE

CORRESPONDENCE
EMAIL

Doc Date: 04/04/2011

of Pages: 4

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.01

70001441 EMAIL REGARDING COMMENTS ON REVISED PRIVATE WELL FIGURE (EMAIL HISTORY ATTACHED)

CORRESPONDENCE
EMAIL

Doc Date: 04/05/2011

of Pages: 7

Bates Number:

70001443 EMAIL REGARDING PRIVATE WELL SAMPLING 2011, 1ST QUARTER (EMAIL HISTORY ATTACHED)

EMAIL
CORRESPONDENCE

Doc Date: 03/28/2011

of Pages: 3

Bates Number:

70001445 EMAIL REGARDING RESIDENTIAL WELL SAMPLING CONDUCTED ON 03/30/2011 AND 03/31/2011

EMAIL
CORRESPONDENCE

Doc Date: 04/11/2011

of Pages: 3

Bates Number:

70001446 EMAIL REGARDING OLIN CORRESPONDENCE DATED 04/07/2011

CORRESPONDENCE
EMAIL

Doc Date: 04/11/2011

of Pages: 1

Bates Number:

70001448 EMAIL REGARDING WATER SOLUTION

EMAIL
CORRESPONDENCE

Doc Date: 04/21/2011

of Pages: 1

Bates Number:

70001451 EMAIL REGARDING UPDATE ON POTENTIAL WATER SOLUTION OPTION (WITH EMAIL HISTORY)

CORRESPONDENCE
EMAIL

Doc Date: 04/25/2011

of Pages: 2

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.01

70001456 LETTER REGARDING RESIDENTIAL WELL SAMPLING

CORRESPONDENCE
LETTER

Doc Date: 03/25/2011

of Pages: 2

Bates Number:

70001457 LETTER REGARDING RESIDENTIAL WELL SAMPLING

CORRESPONDENCE
LETTER

Doc Date: 03/25/2011

of Pages: 2

Bates Number:

70001459 LETTER REGARDING RESIDENTIAL WELL SAMPLING

CORRESPONDENCE
LETTER

Doc Date: 03/25/2011

of Pages: 2

Bates Number:

70001460 LETTER REGARDING RESIDENTIAL WELL SAMPLING

LETTER
CORRESPONDENCE

Doc Date: 03/25/2011

of Pages: 1

Bates Number:

70001465 RESIDENTIAL WELLS FOR SAMPLING 2011

LIST

Doc Date: 03/30/2011

of Pages: 0

Bates Number:

70001469 EMAIL REGARDING PRIVATE WELL LETTERS

CORRESPONDENCE
EMAIL

Doc Date: 03/29/2011

of Pages: 1

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.01

70001471 EMAIL REGARDING N-NITROSODIMETHYLAMINE (NDMA) IN PRIVATE WELLS DATA CONFIRMATION

CORRESPONDENCE
EMAIL

Doc Date: 04/11/2011

of Pages: 2

Bates Number:

70001487 EMAIL REGARDING QUARTERS 1 AND 2 RESULT LETTERS (EMAIL HISTORY ATTACHED)

CORRESPONDENCE
EMAIL

Doc Date: 01/13/2011

of Pages: 2

Bates Number:

70001488 EMAIL REGARDING QUARTER 2 RESULT LETTERS (EMAIL HISTORY ATTACHED)

CORRESPONDENCE
EMAIL

Doc Date: 01/13/2011

of Pages: 2

Bates Number:

70001489 EMAIL REGARDING QUARTER 2 RESULTS LETTERS (EMAIL HISTORY ATTACHED)

CORRESPONDENCE
EMAIL

Doc Date: 01/13/2011

of Pages: 2

Bates Number:

70001492 EMAIL REGARDING BOTTLED WATER

EMAIL
CORRESPONDENCE

Doc Date: 12/27/2010

of Pages: 2

Bates Number:

70001494 TRANSMITTAL LETTER FOR DATA VALIDATION SUMMARY AND LABORATORY ANALYTICAL DATA

LETTER
CORRESPONDENCE

Doc Date: 01/11/2011

of Pages: 1

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.01

70001496 LETTER REGARDING RESIDENTIAL WELL SAMPLING

CORRESPONDENCE
LETTER

Doc Date: 01/11/2011

of Pages: 1

Bates Number:

70001497 TRANSMITTAL LETTER FOR DATA VALIDATION SUMMARY AND LABORATORY ANALYTICAL DATA

LETTER
CORRESPONDENCE

Doc Date: 01/13/2011

of Pages: 0

Bates Number:

70001500 EMAIL CORRESPONDENCE REGARDING WELL WATER

EMAIL
CORRESPONDENCE

Doc Date: 12/24/2010

of Pages: 2

Bates Number:

70001501 LETTER REGARDING RESIDENTIAL WELL SAMPLING

LETTER
CORRESPONDENCE

Doc Date: 01/11/2011

of Pages: 1

Bates Number:

70001505 EMAIL CORRESPONDENCE REGARDING WELL WATER (EMAIL HISTORY ATTACHED)

CORRESPONDENCE
EMAIL

Doc Date: 01/05/2011

of Pages: 3

Bates Number:

70001506 EMAIL REGARDING WELL WATER APPOINTMENT (EMAIL HISTORY ATTACHED)

EMAIL
CORRESPONDENCE

Doc Date: 01/05/2011

of Pages: 5

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.01

70001507 EMAIL REGARDING WELL WATER APPOINTMENT (EMAIL HISTORY ATTACHED)

CORRESPONDENCE
EMAIL

Doc Date: 01/13/2011

of Pages: 8

Bates Number:

70001508 EMAIL REGARDING WELL WATER APPOINTMENT CANCELLATION

EMAIL
CORRESPONDENCE

Doc Date: 01/17/2011

of Pages: 1

Bates Number:

70001510 EMAIL REGARDING LOW-LEVEL PAHS DETECTED IN PRIVATE WELLS (EMAIL HISTORY ATTACHED)

CORRESPONDENCE
EMAIL

Doc Date: 01/25/2011

of Pages: 4

Bates Number:

70001511 EMAIL REGARDING LOW-LEVEL PAHS DETECTED IN PRIVATE WELLS (EMAIL HISTORY ATTACHED)

CORRESPONDENCE
EMAIL

Doc Date: 01/26/2011

of Pages: 3

Bates Number:

70001512 EMAIL REGARDING RESIDENTIAL WELLS SUMMARY REPORT (EMAIL HISTORY ATTACHED)

EMAIL
CORRESPONDENCE

Doc Date: 02/04/2011

of Pages: 7

Bates Number:

70001516 EMAIL REGARDING WELL WATER (EMAIL HISTORY ATTACHED)

CORRESPONDENCE
EMAIL

Doc Date: 12/27/2010

of Pages: 3

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.01

70001517 EMAIL REGARDING WELL WATER APPOINTMENT (EMAIL HISTORY ATTACHED)

EMAIL
CORRESPONDENCE

Doc Date: 01/05/2011

of Pages: 4

Bates Number:

70001518 EMAIL REGARDING WELL WATER APPOINTMENT (EMAIL HISTORY ATTACHED)

EMAIL
CORRESPONDENCE

Doc Date: 01/05/2011

of Pages: 6

Bates Number:

70001519 EMAIL REGARDING WELL WATER APPOINTMENT CANCELLATION (EMAIL HISTORY ATTACHED)

CORRESPONDENCE
EMAIL

Doc Date: 01/18/2011

of Pages: 2

Bates Number:

70001528 EMAIL REGARDING DRAFT LETTER

CORRESPONDENCE
EMAIL

Doc Date: 10/04/2010

of Pages: 1

Bates Number:

70001530 EMAIL TRANSMITTING RISK CALCULATION SPREADSHEETS REGARDING RESIDENTIAL WELL

CORRESPONDENCE
EMAIL

Doc Date: 10/05/2010

of Pages: 2

Bates Number:

70001532 EMAIL TRANSMITTING JULY AND AUGUST 2010 RESIDENTIAL WELL DATA VALIDATION REPORT

EMAIL
CORRESPONDENCE

Doc Date: 10/05/2010

of Pages: 1

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.01

70001534 LETTER CONCERNING RESULTS OF RESIDENTIAL WELL SAMPLING PERFORMED IN MARCH AND JULY 2010 (SUPPORTING DOCUMENTATION ATTACHED)

LETTER
CORRESPONDENCE

Doc Date: 09/23/2010

of Pages: 4

Bates Number:

70001536 EMAIL TRANSMITTING WELL ANALYTICAL RESULTS

CORRESPONDENCE
EMAIL

Doc Date: 10/18/2010

of Pages: 2

Bates Number:

70001537 EMAIL REGARDING OLIN WELL WATER SAMPLING SCHEDULE

EMAIL
CORRESPONDENCE

Doc Date: 10/22/2010

of Pages: 2

Bates Number:

70001538 EMAIL TRANSMITTING RISK CALCULATIONS FOR ALL DETECTED COMPOUNDS (EMAIL HISTORY ATTACHED)

CORRESPONDENCE
EMAIL

Doc Date: 11/01/2010

of Pages: 3

Bates Number:

70001539 EMAIL REGARDING PRIVATE WELLS

CORRESPONDENCE
EMAIL

Doc Date: 10/07/2010

of Pages: 2

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.01

70001540 EMAIL REGARDING COMMENTS ON DATA PACKAGE OF PRIVATE WELL

SAMPLING DATA
EMAIL
CORRESPONDENCE

Doc Date: 10/07/2010

of Pages: 5

Bates Number:

70001541 EMAIL REGARDING APPOINTMENT FOR OLIN SAMPLING (EMAIL HISTORY ATTACHED)

EMAIL
CORRESPONDENCE

Doc Date: 10/18/2010

of Pages: 3

Bates Number:

70001542 EMAIL REGARDING LETTER TO RESIDENT TRANSMITTING SUGGESTED REVISIONS

CORRESPONDENCE
EMAIL

Doc Date: 10/19/2010

of Pages: 2

Bates Number:

70001544 EMAIL REGARDING N-NITROSODIMETHYLAMINE (NDMA) WELLS

EMAIL
CORRESPONDENCE

Doc Date: 11/12/2010

of Pages: 2

Bates Number:

70001545 EMAIL REGARDING SAMPLING OF AREA RESIDENTIAL WELLS AT OLIN CHEMICAL SUPERFUND SITE (EMAIL HISTORY ATTACHED)

EMAIL
CORRESPONDENCE

Doc Date: 09/03/2010

of Pages: 3

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.01

70001546 EMAIL REGARDING OLIN RESIDENTIAL WELLS SUMMARY

EMAIL
CORRESPONDENCE

Doc Date: 09/16/2010

of Pages: 4

Bates Number:

70001550 EMAIL REGARDING PRIVATE WELLS

EMAIL
CORRESPONDENCE

Doc Date: 10/05/2010

of Pages: 1

Bates Number:

70001551 EMAIL TRANSMITTING PRIVATE WELL FACTORS

CORRESPONDENCE
EMAIL

Doc Date: 10/21/2010

of Pages: 1

Bates Number:

70001552 EMAIL REGARDING JEFF AVAILABILITY OF PRIVATE WELL SAMPLING

EMAIL
CORRESPONDENCE

Doc Date: 10/25/2010

of Pages: 2

Bates Number:

70001553 EMAIL REGARDING N-NITROSODIMETHYLAMINE (NDMA)

EMAIL
CORRESPONDENCE

Doc Date: 11/12/2010

of Pages: 1

Bates Number:

70001554 EMAIL REGARDING N-NITROSODIMETHYLAMINE (NDMA) WELLS AND ASKING FOR POSIBILITY TO GET IN TOUCH WITH OWNERS (EMAIL HISTORY ATTACHED)

CORRESPONDENCE
EMAIL

Doc Date: 11/12/2010

of Pages: 2

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.01

70001555 EMAIL REGARDING RECOMMENDATION THAT WELL WATER NO LONGER BE USED FOR DRINKING OR COOKING PURPOSES DUE TO CONTINUED DETECTION OF NDMA

CORRESPONDENCE
EMAIL

Doc Date: 11/12/2010

of Pages: 1

Bates Number:

70001556 EMAIL TRANSMITTING OLIN RISK ASSESSMENT OF PRIVATE WELLS (EMAIL HISTORY ATTACHED)

CORRESPONDENCE
EMAIL

Doc Date: 01/12/2010

of Pages: 2

Bates Number:

70001570 LIST OF PROPERTIES WITH RESIDENTIAL WELLS

LIST

Doc Date: 01/01/1111

of Pages: 0

Bates Number:

70001571 EXCERPT REGARDING SAMPLING OF PRIVATE WELLS

REPORT

Doc Date: 01/01/1111

of Pages: 1

Bates Number:

70001572 LETTER PROVIDING EXPLANATION OF GROUNDWATER RESULTS FOR RESIDENTIAL WELL

CORRESPONDENCE
LETTER

Doc Date: 10/19/2010

of Pages: 2

Bates Number:

70001577 EMAIL TRANSMITTING SUMMARY DATA TABLE REGARDING RESIDENTIAL WELL SAMPLING

EMAIL
CORRESPONDENCE

Doc Date: 08/20/2010

of Pages: 1

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.01

70001579 EMAIL SUMMARIZING PRIVATE WELL SAMPLING EFFORT

EMAIL
CORRESPONDENCE

Doc Date: 08/20/2010

of Pages: 2

Bates Number:

70001580 EMAIL REGARDING RESAMPLE OF HOME OWNER WELL MAP 24 LOT 54

EMAIL
CORRESPONDENCE

Doc Date: 02/19/2009

of Pages: 1

Bates Number:

70001581 EMAIL CONCERNING WATER TEST RESULTS

EMAIL
CORRESPONDENCE

Doc Date: 02/23/2009

of Pages: 2

Bates Number:

70001582 EMAIL REGARDING RESPONSE TO WATER TEST

EMAIL
CORRESPONDENCE

Doc Date: 02/27/2009

of Pages: 4

Bates Number:

70001587 EMAIL REGARDING SAMPLING (EMAIL HISTORY ATTACHED)

EMAIL
CORRESPONDENCE

Doc Date: 02/27/2009

of Pages: 2

Bates Number:

70001594 EMAIL REGARDING WATER TEST (EMAIL HISTORY ATTACHED)

EMAIL
CORRESPONDENCE

Doc Date: 02/27/2009

of Pages: 6

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.01

70001595 EMAIL TRANSMITTING PRIVATE WELL SAMPLE RESULT COMMUNICATIONS

CORRESPONDENCE
EMAIL

Doc Date: 03/02/2009

of Pages: 1

Bates Number:

70001596 EMAIL REGARDING DRAFT RESPONSE TO RESIDENTIAL WELL LETTER (EMAIL HISTORY ATTACHED)

EMAIL
CORRESPONDENCE

Doc Date: 03/04/2009

of Pages: 2

Bates Number:

70001597 EMAIL TRANSMITTING LATEST CALCULATIONS OF CANCER RISK OF DRINKING WATER OF PRIVATE WELLS (EMAIL HISTORY ATTACHED)

CORRESPONDENCE
EMAIL

Doc Date: 05/14/2009

of Pages: 5

Bates Number:

70001598 EMAIL REQUESTING COMPLETE LABORATORY DATA PACKAGE

CORRESPONDENCE
EMAIL

Doc Date: 06/08/2009

of Pages: 3

Bates Number:

70001599 EMAIL REGARDING WILMINGTON HOME OWNER SAMPLING PROGRAM

CORRESPONDENCE
EMAIL

Doc Date: 06/10/2009

of Pages: 2

Bates Number:

70001601 EMAIL REGARDING WILMINGTON HOME OWNER WELL LETTERS

CORRESPONDENCE
EMAIL

Doc Date: 09/22/2009

of Pages: 1

Bates Number:

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02: REMOVAL RESPONSE

File Break: 02.01

70001603 EMAIL REGARDING OLIN DRINKING WATER SAMPLING SCHEDULE

CORRESPONDENCE
EMAIL

Doc Date: 11/02/2009

of Pages: 2

Bates Number:

70001605 EMAIL REGARDING OLIN DRINKING WATER SAMPLING SCHEDULE (EMAIL HISTORY ATTACHED)

CORRESPONDENCE
EMAIL

Doc Date: 11/09/2009

of Pages: 2

Bates Number:

70001606 EMAIL TRANSMITTING SUPPORTING SPREADSHEETS FOR DRINKING WATER WELL RISK BASED ON NOVEMBER 2009 SAMPLING (EMAIL HISTORY ATTACHED)

EMAIL
CORRESPONDENCE

Doc Date: 02/01/2010

of Pages: 2

Bates Number:

70001613 EMAIL REGARDING WILMINGTON HOME OWNER SAMPLING PROGRAM (EMAIL HISTORY ATTACHED)

EMAIL
CORRESPONDENCE

Doc Date: 02/23/2010

of Pages: 3

Bates Number:

70001614 HOME OWNER WELL SAMPLING PROGRAM

LIST

Doc Date: 02/13/2009

of Pages: 0

Bates Number:

70001617 LETTER REGARDING RESULTS OF WELL SAMPLING CONDUCTED IN DECEMBER 2008 (SUPPORTING DOCUMENTATION ATTACHED)

CORRESPONDENCE
LETTER

Doc Date: 02/20/2009

of Pages: 21

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.01

70001619 DRAFT, LETTER REGARDING DETECTION OF N-NITROSODIMETHYLAMINE (NDMA) IN WELL WATER

LETTER
CORRESPONDENCE

Doc Date: 02/13/2009

of Pages: 2

Bates Number:

70001636 EMAIL REGARDING PENDING PRIVATE WELL SAMPLES

CORRESPONDENCE
EMAIL

Doc Date: 10/29/2008

of Pages: 2

Bates Number:

70001641 HOME OWNER WELL SAMPLING PROGRAM

LIST

Doc Date: 10/31/2008

of Pages: 0

Bates Number:

70001643 EMAIL REGARDING PRIVATE WELL COMMUNICATIONS

CORRESPONDENCE
EMAIL

Doc Date: 02/10/2009

of Pages: 2

Bates Number:

70001644 HOME OWNER WELL SAMPLING PROGRAM

LIST

Doc Date: 12/12/2008

of Pages: 0

Bates Number:

70001646 LETTER REGARDING RESIDENCE WELL SAMPLING

CORRESPONDENCE
LETTER

Doc Date: 04/29/2011

of Pages: 2

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.01

70001647 LETTER TRANSMITTING RESULTS OF RESIDENCE WELL SAMPLING

LETTER
CORRESPONDENCE

Doc Date: 02/01/2009

of Pages: 1

Bates Number:

70001649 LETTER REGARDING RESIDENCE WELL SAMPLING

CORRESPONDENCE
LETTER

Doc Date: 04/29/2011

of Pages: 2

Bates Number:

70001650 LETTER TRANSMITTING RESULTS OF WELL SAMPLING

CORRESPONDENCE
LETTER

Doc Date: 02/01/2009

of Pages: 2

Bates Number:

70001651 DRAFT, LETTER REGARDING DETECTION OF N-NITROSODIMETHYLAMINE (NDMA) IN WELL WATER, MAP 24/LOT 54

CORRESPONDENCE
LETTER

Doc Date: 01/02/2009

of Pages: 2

Bates Number:

File Break: 02.02

485652 ENGINEERING EVALUATION / COST ANALYSIS (EE/CA) APPROVAL MEMORANDUM FOR NON-TIME CRITICAL REMOVAL ACTION (NTCRA), OPERABLE UNIT 3 (OU3)

MEMO
CORRESPONDENCE

Doc Date: 05/26/2011

of Pages: 25

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.03

247625 UPDATE ON INVENTORY AND TESTING OF PRIVATE WELLS (TABLES AND MAPS ATTACHED) [MARGINALIA AND HIGHLIGHTS]

LETTER
CORRESPONDENCE

Doc Date: 01/08/2004

of Pages: 18

Bates Number:

483513 RESIDENTIAL WELL SAMPLING PROGRAM (VALIDATION SUMMARY AND ANALYTICAL DATA ATTACHED)

SAMPLING DATA
REPORT

Doc Date: 09/23/2010

of Pages: 4

Bates Number:

483515 UPDATE ON PRIVATE WELL SAMPLING EFFORT

SAMPLING DATA
REPORT

Doc Date: 09/23/2010

of Pages: 7

Bates Number:

483518 EVALUATION OF FORMALDEHYDE DATA

LETTER
CORRESPONDENCE

Doc Date: 07/29/2009

of Pages: 4

Bates Number:

483520 RESPONSE TO MACTEC'S DATA VALIDATION COMMENTS ON FORMALDEHYDE DATED JUNE 24, 2009 (WITH ATTACHMENT)

LETTER
CORRESPONDENCE

Doc Date: 07/10/2009

of Pages: 15

Bates Number:

483528 EPA SPLITS SPECIALTY CHEMS DAS 0043S-403099 VALIDATED

SAMPLING DATA
REPORT

Doc Date: 11/10/2009

of Pages: 2

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.03

483529 ANALYSIS OF GROUNDWATER (MAP 27/LOT 14C) SPLIT RESULTS

LETTER
CORRESPONDENCE

Doc Date: 02/19/2009

of Pages: 2

Bates Number:

483530 ANALYSIS OF GROUNDWATER (MAP 24/LOT 87) SPLIT RESULTS

LETTER
CORRESPONDENCE

Doc Date: 02/19/2009

of Pages: 2

Bates Number:

483531 ANALYSIS OF GROUNDWATER (MAP 24/LOT 63) SPLIT RESULTS

LETTER
CORRESPONDENCE

Doc Date: 02/27/2009

of Pages: 2

Bates Number:

483532 ANALYSIS OF GROUNDWATER (MAP 15/LOT 2C) SPLIT RESULTS

CORRESPONDENCE
LETTER

Doc Date: 02/19/2009

of Pages: 2

Bates Number:

483533 ANALYSIS OF GROUNDWATER (MAP 14/LOT 2B) SPLIT RESULTS

LETTER
CORRESPONDENCE

Doc Date: 02/19/2009

of Pages: 2

Bates Number:

483534 SPLIT COMPARISON OF PRIVATE WELL RESULTS 2008

SAMPLING DATA
REPORT

Doc Date: 10/01/2008

of Pages: 2

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.03

483535 DATA SUMMARY TABLE TIER 2 VALIDATED DATA AQUEOUS ANALYSES, DAS NO. 0022S, SDG NO. DOO232/368405

SAMPLING DATA
REPORT

Doc Date: 03/28/2009

of Pages: 2

Bates Number:

483536 DATA SUMMARY TABLE: TIER 2 DATA VALIDATION N-NITROSODIMETHYLAMINE (NDMA) ANALYSIS

SAMPLING DATA
REPORT

Doc Date: 01/01/2008

of Pages: 7

Bates Number:

483537 SPLIT ANALYSIS AMMONIA (CHAIN OF CUSTODY ATTACHED)

SAMPLING DATA
REPORT

Doc Date: 03/25/2009

of Pages: 12

Bates Number:

483538 SPLIT ANALYSIS BNAS IN WATER (CHAIN OF CUSTODY ATTACHED)

LETTER
CORRESPONDENCE
SAMPLING DATA
REPORT

Doc Date: 04/02/2009

of Pages: 18

Bates Number:

483539 SPLIT ANALYSIS ION CHROMATOGRAPHY ANION (CHAIN OF CUSTODY ATTACHED)

LETTER
CORRESPONDENCE
SAMPLING DATA
REPORT

Doc Date: 03/30/2009

of Pages: 9

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.03

483540 TOTAL RECOVERABLE METALS IN WATER (CHAIN OF CUSTODY ATTACHED)

LETTER
CORRESPONDENCE
SAMPLING DATA
REPORT

Doc Date: 04/14/2009

of Pages: 9

Bates Number:

483541 SPLIT ANALYSIS VOA'S IN DRINKING WATER (CHAIN OF CUSTODY ATTACHED)

CORRESPONDENCE
SAMPLING DATA
REPORT
LETTER

Doc Date: 03/19/2009

of Pages: 21

Bates Number:

483543 SPLIT ANALYSIS AMMONIA (CHAIN OF CUSTODY ATTACHED)

SAMPLING DATA
REPORT

Doc Date: 11/17/2009

of Pages: 17

Bates Number:

483544 SPLIT ANALYSIS BNAS IN WATER (CHAIN OF CUSTODY ATTACHED)

LETTER
CORRESPONDENCE
SAMPLING DATA
REPORT

Doc Date: 10/24/2008

of Pages: 28

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.03

483545 SPLIT ANALYSIS BNAS IN WATER (CHAIN OF CUSTODY ATTACHED)

LETTER
SAMPLING DATA
CORRESPONDENCE
REPORT

Doc Date: 11/17/2009

of Pages: 19

Bates Number:

483546 CHAIN OF CUSTODY RECORD

SAMPLING DATA

Doc Date: 10/08/2008

of Pages: 1

Bates Number:

483547 SPLIT ANALYSIS ION CHROMATOGRAPHY ANION (CHAIN OF CUSTODY ATTACHED)

LETTER
CORRESPONDENCE
SAMPLING DATA
REPORT

Doc Date: 10/15/2008

of Pages: 12

Bates Number:

483548 TOTAL RECOVERABLE METALS IN WATER (CHAIN OF CUSTODY ATTACHED), DRAFT RESULTS

CORRESPONDENCE
SAMPLING DATA
REPORT
LETTER

Doc Date: 12/03/2008

of Pages: 9

Bates Number:

483549 TOTAL RECOVERABLE METALS IN WATER (CHAIN OF CUSTODY ATTACHED)

LETTER
REPORT
SAMPLING DATA
CORRESPONDENCE

Doc Date: 12/11/2009

of Pages: 10

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.03

483550 SPLIT ANALYSIS VOAS IN DRINKING WATER (CHAIN OF CUSTODY ATTACHED)

LETTER
CORRESPONDENCE
SAMPLING DATA
REPORT

Doc Date: 10/14/2008

of Pages: 27

Bates Number:

483551 SPLIT ANALYSIS VOAS IN DRINKING WATER (CHAIN OF CUSTODY ATTACHED)

CORRESPONDENCE
REPORT
SAMPLING DATA
LETTER

Doc Date: 11/13/2009

of Pages: 21

Bates Number:

483554 TIER 2 DATA VALIDATION REPORT, SDG NO. D00232

REPORT
DATA VALIDATION REPORT
SAMPLING DATA

Doc Date: 05/11/2009

of Pages: 7

Bates Number:

483555 TIER 2 DATA VALIDATION REPORT, SDG NO. D00273

REPORT
DATA VALIDATION REPORT
SAMPLING DATA

Doc Date: 12/15/2009

of Pages: 68

Bates Number:

483557 TIER 2 DATA VALIDATION REPORT, SDG NO. D00083

REPORT
DATA VALIDATION REPORT
SAMPLING DATA

Doc Date: 12/01/2008

of Pages: 7

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.03

483560 PRIVATE RESIDENTIAL WELLS SAMPLED DECEMBER 2010

SAMPLING DATA
REPORT

Doc Date: 12/01/2010

of Pages: 2

Bates Number:

483562 PROPOSED DRINKING WATER ANALYTES

REPORT
SAMPLING DATA

Doc Date: 01/01/2010

of Pages: 1

Bates Number:

483563 REVIEW SUMMARY OF PRIVATE WELL INVENTORY AND SAMPLING ACTIVITIES DURING IMMEDIATE RESPONSE ACTIONS 2003/2004

SAMPLING DATA
REPORT

Doc Date: 06/01/2008

of Pages: 8

Bates Number:

484763 REVIEW OF GROUNDWATER FROM WELL (MAP 27/LOT 14C) REGARDING N-NITROSODIMETHYLAMINE (NDMA)

LETTER
CORRESPONDENCE

Doc Date: 05/12/2011

of Pages: 2

Bates Number:

484764 REVIEW OF GROUNDWATER FROM WELL (MAP 24/LOT 63) REGARDING N-NITROSODIMETHYLAMINE (NDMA)

LETTER
CORRESPONDENCE

Doc Date: 05/12/2011

of Pages: 2

Bates Number:

484765 REVIEW OF GROUNDWATER FROM WELL (MAP 24/LOT 94) REGARDING N-NITROSODIMETHYLAMINE (NDMA)

LETTER
CORRESPONDENCE

Doc Date: 05/12/2011

of Pages: 2

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.03

484766 REVIEW OF GROUNDWATER FROM WELL (MAP 02/LOT 07E) REGARDING N-NITROSODIMETHYLAMINE (NDMA)

LETTER
CORRESPONDENCE

Doc Date: 05/12/2011

of Pages: 2

Bates Number:

484767 REVIEW OF GROUNDWATER FROM WELL (MAP 15/LOT 2C) REGARDING N-NITROSODIMETHYLAMINE (NDMA)

LETTER
CORRESPONDENCE

Doc Date: 05/12/2011

of Pages: 2

Bates Number:

484769 REVIEW OF GROUNDWATER FROM WELL (MAP 24/LOT 64) REGARDING N-NITROSODIMETHYLAMINE (NDMA)

CORRESPONDENCE
LETTER

Doc Date: 05/12/2011

of Pages: 2

Bates Number:

484779 TABLE 4: CALCULATION OF EXCESS LIFE CANCER RISK BASED ON CHILDHOOD AND ADULT EXPOSURE BASED ON MOST RECENT GROUNDWATER CONCENTRATION

REPORT
SAMPLING DATA

Doc Date: 08/01/2010

of Pages: 1

Bates Number:

484781 TABLES 1 THROUGH 4: CALCULATION OF EXCESS LIFE CANCER RISK BASED ON CHILDHOOD AND ADULT EXPOSURE BASED ON MOST RECENT GROUNDWATER CONCENTRATION

REPORT
SAMPLING DATA

Doc Date: 10/01/2010

of Pages: 4

Bates Number:

484788 RESIDENTIAL PROPERTIES WITH PRIVATE WELLS PROPOSED FOR SAMPLING [MARGINALIA]

LIST

Doc Date: 01/01/1111

of Pages: 1

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.03

484792 ANALYTICAL SCREENING DATA REPORT WATER SAMPLES (11/17/2008 AND 01/10/2000 TRANSMITTALS ATTACHED)

REPORT
SAMPLING DATA

Doc Date: 11/17/2008

of Pages: 8

Bates Number:

484797 TECHNICAL OVERSIGHT REPORT, POTENTIALLY RESPONSIBLE PARTY (PRP) SAMPLING OF RESIDENTIAL WELLS (12/16/2008 TRANSMITTAL LETTER ATTACHED)

REPORT
SAMPLING DATA

Doc Date: 12/01/2008

of Pages: 14

Bates Number:

485044 SPREADSHEET WITH MARCH 2010 SAMPLING, RESIDENTIAL DRINKING WATER INGESTION CANCER RISK OF 24 NG/L OF N-NITROSODIPROPYLAMINE, ASSUMING MUTAGENIC MODE OF CARCINOGENESIS

SAMPLING DATA

Doc Date: 03/01/2010

of Pages: 4

Bates Number:

485047 PROPOSED DRINKING WELL ANALYTES [MARGINALIA]

SAMPLING DATA

Doc Date: 01/01/1111

of Pages: 2

Bates Number:

485055 SUMMARY OF PRIVATE RESIDENCE WELL MONITORING DATA AND COMPARISON TO FEDERAL AND MASSACHUSETTS DRINKING WATER STANDARDS/GUIDELINES (12/03/2010 DATA VALIDATION SUMMARY ATTACHED)

SAMPLING DATA

Doc Date: 11/12/2010

of Pages: 60

Bates Number:

485056 SUMMARY OF PRIVATE RESIDENCE WELL MONITORING DATA AND COMPARISON TO FEDERAL AND MASSACHUSETTS DRINKING WATER STANDARDS/GUIDELINES (12/03/2010 DATA VALIDATION SUMMARY ATTACHED) [MARGINALIA]

SAMPLING DATA

Doc Date: 11/12/2010

of Pages: 60

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.03

485059 SUMMARY OF PRIVATE RESIDENCE WELL MONITORING DATA AND COMPARISON TO FEDERAL AND MASSACHUSETTS DRINKING WATER STANDARDS/GUIDELINES (12/03/2010 DATA VALIDATION SUMMARY ATTACHED)

SAMPLING DATA

Doc Date: 11/12/2010

of Pages: 60

Bates Number:

485063 SUMMARY OF PRIVATE RESIDENCE WELL MONITORING DATA AND COMPARISON TO FEDERAL AND MASSACHUSETTS DRINKING WATER STANDARDS/GUIDELINES (12/03/2010 DATA VALIDATION SUMMARY ATTACHED) [MARGINALIA]

SAMPLING DATA

Doc Date: 11/12/2010

of Pages: 60

Bates Number:

485066 RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISKS

SAMPLING DATA

Doc Date: 01/01/1111

of Pages: 2

Bates Number:

485069 TABLE 3: SUMMARY OF RECOMMENDED PRIVATE WELL SAMPLING

SAMPLING DATA

Doc Date: 01/01/1111

of Pages: 4

Bates Number:

485073 SUMMARY OF PRIVATE RESIDENCE WELL MONITORING DATA AND COMPARISON TO FEDERAL AND MASSACHUSETTS DRINKING WATER STANDARDS/GUIDELINES (12/03/2010 DATA VALIDATION SUMMARY ATTACHED) [MARGINALIA]

SAMPLING DATA

Doc Date: 11/12/2010

of Pages: 60

Bates Number:

485074 SUMMARY OF PRIVATE RESIDENCE WELL MONITORING DATA AND COMPARISON TO FEDERAL AND MASSACHUSETTS DRINKING WATER STANDARDS/GUIDELINES (12/03/2010 DATA VALIDATION SUMMARY ATTACHED) [MARGINALIA]

SAMPLING DATA

Doc Date: 11/12/2010

of Pages: 76

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.03

485076 TABLE C.2-1: GROUNDWATER ANALYTICAL RESULTS DRAFT REMEDIAL INVESTIGATION (RI) REPORT

SAMPLING DATA

Doc Date: 08/14/2007

of Pages: 4

Bates Number:

485077 TABLE 1: ANALYTICAL DATA FOR PRIVATE WELL SAMPLING

SAMPLING DATA

Doc Date: 08/05/2004

of Pages: 6

Bates Number:

485081 LETTER REGARDING RESIDENTIAL WELL SAMPLING (SUPPORTING DOCUMENTATION ATTACHED)

LETTER
CORRESPONDENCE

Doc Date: 03/02/2009

of Pages: 21

Bates Number:

485084 RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISKS [HIGHLIGHTS]

SAMPLING DATA

Doc Date: 01/01/1111

of Pages: 1

Bates Number:

485085 LETTER REGARDING RESIDENTIAL WELL SAMPLING (SUPPORTING DOCUMENTATION ATTACHED)

LETTER
CORRESPONDENCE

Doc Date: 02/18/2009

of Pages: 26

Bates Number:

485087 LETTER REGARDING RESIDENTIAL WELL SAMPLING (SUPPORTING DOCUMENTATION ATTACHED)

LETTER
CORRESPONDENCE

Doc Date: 02/18/2009

of Pages: 23

Bates Number:

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02: REMOVAL RESPONSE

File Break: 02.03

485088 LETTER REGARDING RESIDENTIAL WELL SAMPLING (SUPPORTING DOCUMENTATION ATTACHED)

LETTER
CORRESPONDENCE

Doc Date: 02/18/2009

of Pages: 23

Bates Number:

485089 LETTER REGARDING RESIDENTIAL WELL SAMPLING (SUPPORTING DOCUMENTATION ATTACHED)

LETTER
CORRESPONDENCE

Doc Date: 02/18/2009

of Pages: 23

Bates Number:

485090 LETTER REGARDING RESIDENTIAL WELL SAMPLING (SUPPORTING DOCUMENTATION ATTACHED)

CORRESPONDENCE
LETTER

Doc Date: 02/18/2009

of Pages: 23

Bates Number:

485091 LETTER REGARDING RESIDENTIAL WELL SAMPLING (SUPPORTING DOCUMENTATION ATTACHED)

LETTER
CORRESPONDENCE

Doc Date: 02/18/2009

of Pages: 23

Bates Number:

485606 HYDRAZINE DETECTED AT RESIDENTIAL WELL

LETTER
CORRESPONDENCE
REPORT
SAMPLING DATA

Doc Date: 08/10/2010

of Pages: 2

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.03

485608 EMAIL REGARDING MARCH 2010 RISK CALCULATION (WITH ATTACHMENTS)

LETTER
CORRESPONDENCE
SAMPLING DATA

Doc Date: 08/10/2010

of Pages: 4

Bates Number:

485610 REVIEW SUMMARY OF PRIVATE WELL INVENTORY AND SAMPLING ACTIVITIES DURING IMMEDIATE RESPONSE ACTIONS 2003/2004 (06/18/2008 TRANSMITTAL LETTER AND TABLES ATTACHED) [MARGINALIA]

SAMPLING DATA
REPORT

Doc Date: 06/01/2008

of Pages: 13

Bates Number:

485611 REVIEW SUMMARY OF PRIVATE WELL INVENTORY AND SAMPLING ACTIVITIES DURING IMMEDIATE RESPONSE ACTIONS 2003/2004 (06/09/2008 TRANSMITTAL LETTER AND TABLES ATTACHED) [MARGINALIA]

SAMPLING DATA
REPORT

Doc Date: 06/01/2008

of Pages: 11

Bates Number:

485618 RESIDENTIAL WELL SAMPLING RESULTS (FINAL RESULTS SUMMARY ATTACHED) [MARGINALIA]

REPORT
SAMPLING DATA
CORRESPONDENCE
LETTER

Doc Date: 12/19/2008

of Pages: 7

Bates Number:

70001455 SUMMARY OF PRIVATE WELL RESIDENCE WELL MONITORING DATA AND COMPARISON TO FEDERAL AND MASSACHUSETTS DRINKING WATER STANDARDS/GUIDELINES

SAMPLING DATA

Doc Date: 03/25/2011

of Pages: 1

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.03

70001458 SUMMARY OF PRIVATE WELL RESIDENCE WELL MONITORING DATA AND COMPARISON TO FEDERAL AND MASSACHUSETTS DRINKING WATER STANDARDS/GUIDLINES

SAMPLING DATA

Doc Date: 03/25/2011

of Pages: 1

Bates Number:

70001464 2011 QUARTER 1 PRIVATE WELL DATA

REPORT
SAMPLING DATA

Doc Date: 03/24/2011

of Pages: 0

Bates Number:

70001467 EMAIL REGARDING LATEST PRIVATE WELL RESULTS

CORRESPONDENCE
EMAIL

Doc Date: 03/21/2011

of Pages: 1

Bates Number:

70001472 EMAIL REGARDING PRIVATE WELL UPDATE

SAMPLING DATA
CORRESPONDENCE
EMAIL

Doc Date: 04/20/2011

of Pages: 2

Bates Number:

70001479 ADDITIONAL PRIVATE WELLS LOCATION - MARCH 2011

LIST

Doc Date: 03/24/2011

of Pages: 2

Bates Number:

70001490 EMAIL REGARDING WELL RESULTS

EMAIL
CORRESPONDENCE

Doc Date: 01/31/2011

of Pages: 2

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.03

70001493 LETTER REGARDING RESIDENTIAL WELL SAMPLING

CORRESPONDENCE
LETTER

Doc Date: 01/11/2011

of Pages: 1

Bates Number:

70001495 SUMMARY OF PRIVATE RESIDENCE WELL MONITORING DATA AND COMPARISON TO FEDERAL AND MASSACHUSETTS DRINKING WATER STANDARDS/GUIDELINES (12/03/2010 DATA VALIDATION SUMMARY ATTACHED)

SAMPLING DATA

Doc Date: 11/12/2010

of Pages: 44

Bates Number:

70001498 SUMMARY OF PRIVATE RESIDENCE WELL MONITORING DATA AND COMPARISON TO FEDERAL AND MASSACHUSETTS DRINKING WATER STANDARDS/GUIDELINES (12/03/2010 DATA VALIDATION SUMMARY ATTACHED)

SAMPLING DATA

Doc Date: 11/11/2010

of Pages: 60

Bates Number:

70001502 LETTER REGARDING RESIDENTIAL WELL SAMPLING

SAMPLING DATA
CORRESPONDENCE
LETTER

Doc Date: 01/13/2011

of Pages: 0

Bates Number:

70001503 SUMMARY OF PRIVATE RESIDENCE WELL MONITORING DATA AND COMPARISON TO FEDERAL AND MASSACHUSETTS DRINKING WATER STANDARDS/GUIDELINES (12/03/2010 DATA VALIDATION SUMMARY ATTACHED)

SAMPLING DATA

Doc Date: 11/12/2010

of Pages: 50

Bates Number:

70001509 EMAIL REGARDING LOW-LEVEL PAHS DETECTED IN PRIVATE WELLS (EMAIL HISTORY ATTACHED)

CORRESPONDENCE
EMAIL

Doc Date: 01/25/2011

of Pages: 2

Bates Number:

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02: REMOVAL RESPONSE

File Break: 02.03

70001513 EMAIL REGARDING UNVALIDATED N-NITROSODIMETHYLAMINE (NDMA) DATA FOR DECEMBER SAMPLING (EMAIL HISTORY ATTACHED)

EMAIL
CORRESPONDENCE

Doc Date: 02/07/2011

of Pages: 3

Bates Number:

70001520 EMAIL REGARDING OLIN SUMMER 2010 DRINKING WATER WELLS - PAHS

CORRESPONDENCE
SAMPLING DATA
EMAIL

Doc Date: 01/25/2011

of Pages: 2

Bates Number:

70001522 PRIVATE RESIDENTIAL WELLS SAMPLED

REPORT

Doc Date: 12/15/2010

of Pages: 0

Bates Number:

70001523 SPREADSHEET WITH COMPARISON OF WELL MONITORING DATA (AUGUST 2010) WITH EPA REGIONAL SCREENING LEVELS OF TAPWATER

SAMPLING DATA

Doc Date: 01/01/1111

of Pages: 0

Bates Number:

70001529 EMAIL REGARDING EVALUATION OF WELL RESULTS (EMAIL HISTORY ATTACHED)

CORRESPONDENCE
EMAIL

Doc Date: 10/04/2010

of Pages: 3

Bates Number:

70001533 SECOND SAMPLING EVENT OF WILMINGTON RESIDENTIAL WELLS - 07/29/2010 - 08/23/2010

SAMPLING DATA

Doc Date: 01/01/1111

of Pages: 0

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.03

70001547 CALCULATIONS OF EXCESS LIFETIME CANCER RISKS BASED ON CHILDHOOD AND ADULT EXPOSURE FOR AVERAGE AND MOST RECENT GROUNDWATER CONCENTRATION

SAMPLING DATA

Doc Date: 10/01/2010

of Pages: 4

Bates Number:

70001557 SUMMARY OF ALL AVAILABLE DATA FOR PRIVATE WELL M-24/L-94 - DETECTED PARAMETERS ONLY (SUPPORTING DOCUMENTATION ATTACHED)

SAMPLING DATA

Doc Date: 10/22/2010

of Pages: 21

Bates Number:

70001558 DATA VALIDATION SUMMARY, TEST AMERICA DATA SETS 360-27496-1 AND 360-27496-2 (09/30/2010 DATA VALIDATION SUMMARY, TEST AMERICA DATA SET 360-29439 ATTACHED) [MARGINALIA]

SAMPLING DATA
DATA VALIDATION REPORT
REPORT

Doc Date: 07/08/2010

of Pages: 80

Bates Number:

70001559 SPREADSHEET WITH RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISK 30 YEAR EXPOSURE BASED ON 11/2009 EPA SAMPLING RESULTS

SAMPLING DATA

Doc Date: 01/01/1111

of Pages: 0

Bates Number:

70001560 SPREADSHEET WITH RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISK 30 YEAR EXPOSURE BASED ON 11/2009 EPA SAMPLING RESULTS

SAMPLING DATA

Doc Date: 01/01/1111

of Pages: 0

Bates Number:

70001561 SPREADSHEET FOR RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISK 70 YEAR EXPOSURE BASED ON 11/2009 EPA SAMPLING RESULTS

SAMPLING DATA

Doc Date: 01/01/1111

of Pages: 0

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.03

70001562 SPREADSHEET WITH RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISK 70 YEAR EXPOSURE BASED ON 11/2009 EPA SAMPLING RESULTS

SAMPLING DATA

Doc Date: 01/01/1111

of Pages: 0

Bates Number:

70001563 SPREADSHEET WITH RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISKS

SAMPLING DATA

Doc Date: 01/01/1111

of Pages: 0

Bates Number:

70001568 DATA VALIDATION SUMMARY, TEST AMERICA DATA SETS 360-29118 AND 360-29259

SAMPLING DATA
REPORT
DATA VALIDATION REPORT

Doc Date: 09/30/2010

of Pages: 17

Bates Number:

70001588 ANALYTICAL RESULTS FOR PRIVATE WELLS - OCTOBER 2008 - MARCH 2010

SAMPLING DATA

Doc Date: 03/01/2010

of Pages: 0

Bates Number:

70001589 RESIDENTIAL PROPERTIES WITH PRIVATE WELLS PROPOSED FOR SAMPLING (SUPPORTING DOCUMENTATION ATTACHED)

LIST

Doc Date: 01/01/1111

of Pages: 4

Bates Number:

70001590 TABLE C-20: USABLE EXISTING GROUNDWATER DATA SUMMARY - PRIVATE WELLS [MARGINALIA]

SAMPLING DATA

Doc Date: 01/01/1111

of Pages: 10

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.03

70001591 TABLE C-20: USABLE EXISTING GROUNDWATER DATA SUMMARY - PRIVATE WELLS

SAMPLING DATA Doc Date: 01/01/1111 # of Pages: 70 Bates Number:

70001592 MARCH 2010 SAMPLING (SUPPORTING DOCUMENTATION ATTACHED) [MARGINALIA]

SAMPLING DATA Doc Date: 05/25/2010 # of Pages: 4 Bates Number:

70001608 SPREADSHEET WITH RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISK 30 YEAR EXPOSURE

SAMPLING DATA Doc Date: 01/01/1111 # of Pages: 0 Bates Number:

70001609 SPREADSHEET WITH RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISK 30 YEAR EXPOSURE

SAMPLING DATA Doc Date: 01/01/1111 # of Pages: 0 Bates Number:

70001610 SPREADSHEET WITH RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISK 70 YEAR EXPOSURE

SAMPLING DATA Doc Date: 01/01/1111 # of Pages: 0 Bates Number:

70001611 SPREADSHEET WITH RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISK 70 YEAR EXPOSURE

SAMPLING DATA Doc Date: 01/01/1111 # of Pages: 0 Bates Number:

02: REMOVAL RESPONSE

File Break: 02.03

70001621 ANALYTICAL RESULTS FOR PRIVATE WELLS - OCTOBER 2008 - NOVEMBER 2009

SAMPLING DATA

Doc Date: 11/01/2009

of Pages: 0

Bates Number:

70001622 ANALYTICAL RESULTS FOR PRIVATE WELLS - OCTOBER 2008 - NOVEMBER 2009

SAMPLING DATA

Doc Date: 11/01/2009

of Pages: 0

Bates Number:

70001624 SPREADSHEET WITH RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISK 30 YEAR EXPOSURE BASED ON EPA SAMPLING RESULTS

SAMPLING DATA

Doc Date: 01/01/1111

of Pages: 0

Bates Number:

70001625 SPREADSHEET WITH RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISK 30 YEAR EXPOSURE BASED ON OLIN COPR SAMPLING RESULTS

SAMPLING DATA

Doc Date: 01/01/1111

of Pages: 0

Bates Number:

70001626 SPREADSHEET WITH RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISK 30 YEAR EXPOSURE BASED ON EPA SAMPLING RESULTS

SAMPLING DATA

Doc Date: 01/01/1111

of Pages: 0

Bates Number:

70001627 SPREADSHEET WITH RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISK 30 YEAR EXPOSURE BASED ON OLIN COPR SAMPLING RESULTS

SAMPLING DATA

Doc Date: 01/01/1111

of Pages: 0

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.03

70001628 SPREADSHEET WITH RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISK 70 YEAR EXPOSURE BASED ON EPA SAMPLING RESULTS

SAMPLING DATA

Doc Date: 01/01/1111

of Pages: 0

Bates Number:

70001629 SPREADSHEET WITH RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISK 70 YEAR EXPOSURE BASED ON OLIN CORP SAMPLING RESULTS

SAMPLING DATA

Doc Date: 01/01/1111

of Pages: 0

Bates Number:

70001630 SPREADSHEET WITH RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISK 70 YEAR EXPOSURE BASED ON EPA SAMPLING RESULTS

SAMPLING DATA

Doc Date: 01/01/1111

of Pages: 0

Bates Number:

70001631 SPREADSHEET WITH RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISK 70 YEAR EXPOSURE BASED ON OLIN CORP SAMPLING RESULTS

SAMPLING DATA

Doc Date: 01/01/1111

of Pages: 0

Bates Number:

70001632 RESIDENTIAL DRINKING WATER/HOUSEHOLD WATER USE CANCER RISKS

SAMPLING DATA

Doc Date: 01/01/1111

of Pages: 0

Bates Number:

70001645 SUMMARY OF RESIDENCE WELL MONITORING DATA AND COMPARISON TO FEDERAL DRINKING WATER STANDARDS/GUIDELINES

SAMPLING DATA

Doc Date: 01/29/2009

of Pages: 0

Bates Number:

02: REMOVAL RESPONSE

File Break: 02.03

70001648 SUMMARY OF RESIDENCE WELL MONITORING DATA AND COMPARISON TO FEDERAL DRINKING WATER STANDARDS/GUIDELINES

SAMPLING DATA

Doc Date: 01/08/2009

of Pages: 0

Bates Number:

17: SITE MANAGEMENT RECORDS

File Break: 17.04

485061 TABLE 2.1-18: RESIDENTIAL WELL SAMPLE LOCATIONS

MAP

Doc Date: 08/24/2007

of Pages: 1

Bates Number:

485094 MAP: SITE LOCATION [MARGINALIA]

MAP

Doc Date: 08/28/2007

of Pages: 1

Bates Number:

485604 MAP: FIGURE 1 PRIVATE WELL INVESTIGATION SURVEY

MAP

Doc Date: 01/20/2004

of Pages: 1

Bates Number:

70001477 MAP: FIGURE 1 N-NITROSODIMETHYLAMINE (NDMA) CONCENTRATIONS IN RESIDENTIAL WELLS - 2010

MAP

Doc Date: 03/31/2011

of Pages: 1

Bates Number:

70001524 FIGURE 1: N-NITROSODIMETHYLAMINE (NDMA) CONCENTRATIONS IN RESIDENTIAL WELLS - DECEMBER 2010

MAP

Doc Date: 02/07/2011

of Pages: 1

Bates Number:

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17: SITE MANAGEMENT RECORDS

File Break: 17.07

485602 GROUNDWATER USE AND VALUE DETERMINATION (05/30/2008 MAP ATTACHED) [MARGINALIA]

REPORT

Doc Date: 06/01/2008

of Pages: 3

Bates Number:

Total Confidential Documents: 272

Selected Key Guidance Documents

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

DOCNUMBER	DOCDATE	TITLE	OSWEREPaid
C188	01-Dec-93	CONDUCTING NON-TIME-CRITICAL REMOVAL ACTIONS UNDER CERCLA.	OSWER 9360.0-32FS
C518	14-Feb-00	USE OF NON-TIME-CRITICAL REMOVAL AUTHORITY IN SUPERFUND RESPONSE ACTIONS, (REGIONS I-X)	
C737	9/24/2010	UPDATE ON PROVIDING ALTERNATIVE WATER SUPPLY AS PART OF SUPERFUND RESPONSE ACTIONS	OSWER 9355.3-22
C738	5/1/2008	PARAMETERS AND TESTING FREQUENCY FOR PRIVATE WELLS	
C739	10/25/1993	FINAL GUIDANCE ON NUMERIC REMOVAL ACTION LEVELS FOR CONTAMINATED DRINKING WATER SITES	OSWER 9360.1-02
C740	11/10/1998	RETRANSMITTAL OF THE LATEST SUPERFUND REMOVAL ACTION LEVELS	