

Section I
SITE-SPECIFIC DOCUMENTS



10782317

[Final]
Administrative Record Index
for the
ABERDEEN CONTAMINATED GROUND WATER NPL Site

NCN000407447

3.0 REMEDIAL INVESTIGATION (RI)

3.1 Correspondence

1. Email from Doug Rumford, North Carolina Department of Environmental and Natural Resources (NCDENR) to Jon Bornholm, USEPA. Subject: ACGWS. (12:51 PM). (December 17, 2008)
2. Email from Doug Rumford, North Carolina Department of Environmental and Natural Resources (NCDENR) to Jon Bornholm, USEPA. Subject: IDW. (1:17 PM). (June 15, 2009)
3. Letter from Doug Rumford, NCDENR to Jon Bornholm, USEPA. Regarding the Liquid Investigation Derived Waste Treatment, Aberdeen Contaminated Groundwater, Aberdeen, Moore County, North Carolina. (June 17, 2009)
4. Letter from Doug Rumford, NCDENR to Jon Bornholm, USEPA (with attachments). Regarding comments on the Draft Remedial Investigation Report for the Aberdeen Contaminated Groundwater Site. (March 04, 2010)
5. Email from Doug Rumford, NCDENR to Jon Bornholm, USEPA. Subject: FW: ACGWS. (9:07 AM). (April 01, 2010)
6. Email from Jane Traylor, J.M. Waller Associates, Inc. to Jon Bornholm, USEPA. Subject: Fw: 5,000 lb carbon vessel rental. (6:50 am). (May 01, 2012)
7. Email from Doug Rumford, NCDENR to Jon Bornholm, USEPA. Subject: ACGWS. (3:55 pm). (May 10, 2012)
8. Email from Jane Traylor, J.M. Waller Associates, Inc. to Jon Bornholm, USEPA (with attachment). Subject: O&M Cost Alternatives for Aberdeen. (11:08 am). (August 10, 2012)
9. Email from Doug Rumford, NCDENR to Jon Bornholm, USEPA. Subject: ACGWS. (1:39 pm). (October 11, 2012)
10. Email from Jane Traylor, J.M. Waller Associates, Inc. to Jon Bornholm, USEPA. Subject: Aberdeen Well Installations. (11:44 am). (November 09, 2012)
11. Email from Jane Traylor, J.M. Waller Associates, Inc. to Jon Bornholm, USEPA. Subject: Figure showing surface water sampling locations for Giegy. (11:32 am). (November 09, 2012)
12. Email from Jane Traylor, J.M. Waller Associates, Inc. to Jon Bornholm, USEPA. Subject: TO 25 Aberdeen Well Sites. (11:39 am). (November 09, 2012)
13. Email from Jane Traylor, J.M. Waller Associates, Inc. to Rickie Monroe, Town of Aberdeen. Subject: Re: monitoring well re-location. (3:41 pm). (January 11, 2013)
14. Email from Ben Bentkowski, USEPA to Jon Bornholm, USEPA. Subject: Re: Aberdeen Contaminated GW Site - Pre-Design Field investigation Data Evaluation Report #2. (3:30 pm). (May 28, 2013)
15. Email from Rickie Monroe, Town of Aberdeen to Jon Bornholm, USEPA. Subject: Re: Cost Estimates for Upcoming OU 1 ROD for Aberdeen Contaminated GW Site. (5:23 pm). (July 28, 2014)
16. Letter from Winston Cole, NCDENR to Rickie Monroe, Town of Aberdeen. Subject: Re: Preliminary Well Site Approval, Town of Aberdeen NC 036320, Well Site # 24 and # 25. (August 04, 2014)

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3.0 REMEDIAL INVESTIGATION (RI)

3.2 Sampling and Analysis Data

1. "Final Sampling and Analysis Plan/Quality Assurance Project Plan for Remedial Investigation/Feasibility Study of Aberdeen Contaminated Groundwater Site, Aberdeen, North Carolina," J. M. Waller Associates. (February 26, 2009)
2. "Final Data Evaluation Report, Sampling and Analytical Support, Aberdeen Contaminated Groundwater Site, Aberdeen, North Carolina," J. M. Waller Associates. (November 2010)
3. Carbon Air Treatment Recommendation for J.M. Waller Associates for Well # 5. (March 13, 2012)
4. Carbon Air Treatment Recommendation for J.M. Waller Associates for Well # 9. (March 13, 2012)
5. Memorandum from Sallie Hale, USEPA to Jon Bornholm. Subject: FINAL Analytical Report, Project: 12-0290, Aberdeen Groundwater, Superfund Remedial. (April 07, 2012)
6. Email from Jane Traylor, J.M. Waller Associates, Inc. to Jon Bornholm, USEPA (with attachment). Subject: Town of Aberdeen TOA5 and TOA9 well sampling results. (10:33 am). (April 20, 2012)
7. Memorandum from Denise Goddard, USEPA to Jon Bornholm. Subject: FINAL Analytical Report, Project: 12-0297, Aberdeen Groundwater, Superfund Remedial. (April 25, 2012)
8. Memorandum from Jeffrey Hendel, USEPA to Jon Bornholm. Subject: FINAL Analytical Report, Project: 12-0297, Aberdeen Groundwater, Superfund Remedial. (April 27, 2012)
9. Memorandum from Jeffrey Hendel, USEPA to Jon Bornholm. Subject: FINAL Analytical Report, Project: 12-0297, Aberdeen Groundwater, Superfund Remedial. (April 27, 2012)
10. Email from Ben Bentkowski, USEPA to Jon Bornholm, USEPA. Subject: Aberdeen Contaminated Groundwater Vapor Intrusion. (9:43 am). (July 27, 2012)
11. Aberdeen - GAC at TOA Wells Sampling Events per EPA Comments. (August 07, 2012)
12. Email from Ben Bentkowski, USEPA to Jon Bornholm, USEPA. Subject: Re: Aberdeen: Lee Paving Co and NC DOT analysis. (1:46 pm). (September 20, 2012)
13. Email from Jane Traylor, J.M. Waller Associates, Inc. to Jon Bornholm, USEPA. Subject: TO 25 Aberdeen Well Sites. (1:54 pm). (November 06, 2012)
14. Email from Jane Traylor, J.M. Waller Associates, Inc. to Jon Bornholm, USEPA. Subject: Proposed Monitoring Well Locations. (11:17 am). (November 09, 2012)
15. Memorandum from Jason Collum, USEPA to Jon Bornholm, USEPA. Subject: FINAL Analytical Report, Project: 13-0162, Aberdeen Groundwater Superfund Remedial. (February 20, 2013)
16. Memorandum from Terri White, USEPA to Jon Bornholm, USEPA. Subject: FINAL Analytical Report, Project: 13-0162, Aberdeen Groundwater Superfund Remedial. (February 22, 2013)
17. Memorandum from Terri White, USEPA to Jon Bornholm, USEPA. Subject: FINAL Analytical Report, Project: 13-0162, Aberdeen Groundwater Superfund Remedial. (February 22, 2013)
18. Memorandum from Janet Muse, USEPA to Jon Bornholm, USEPA. Subject: FINAL Analytical Report, Project: 13-0162, Aberdeen Groundwater Superfund Remedial. (March 01, 2013)
19. Memorandum from Jeffrey Hendel, USEPA to Jon Bornholm, USEPA. Subject: FINAL Analytical Report, Project: 13-0168, Aberdeen Groundwater Superfund Remedial. (March 07, 2013)

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3.0 REMEDIAL INVESTIGATION (RI)

3.4 Work Plans and Progress Reports

1. Aberdeen Contaminated Groundwater Site, NCDOT Presentation. (September 12, 2012)
2. Meeting Attendance, Aberdeen Contaminated Groundwater Superfund Site. (September 12, 2012)
3. RDT, Aberdeen Contaminated GW Site, Working Towards Finalizing IROD Potentially Splitting into 2 OUs Presentation. (February 20, 2014)
4. Capital Cost Estimates for Wellhead Replacement, Aberdeen Contaminated Groundwater Site. (June 03, 2014)

3.8 Interim Deliverables

1. Letter from Matt Bramblett, Hart Hickman to Chris Niver, NC DOT Roadside Environmental (with attachment). Subject: Semi-Annual Monitoring Report, NC DOT Site No. 8-21 (Former Lee Paving), Aberdeen, North Carolina. (July 19, 2012)
2. Letter from Matt Bramblett, Hart Hickman to Ethan Caldwell, NC DOT Roadside Environmental (with attachment). Subject: Semi-Annual Monitoring Report, NC DOT Site No. 8-21 (Former Lee Paving), Aberdeen, North Carolina. (January 10, 2013)

3.10 Remedial Investigation (RI) Reports

1. "Final Remedial Investigation of Aberdeen Contaminated Groundwater Site, Aberdeen, North Carolina," J. M. Waller Associates. (June 2010) [Note: Appendices A through H are comprised of sampling and analysis data. This material is not included in the Administrative Record but may be reviewed, by appointment only, at EPA Region IV, Atlanta, Georgia].

3.11 Health Assessments

1. "Final Health and Safety Plan for Remedial Investigation/Feasibility Study at Aberdeen Contaminated Groundwater Site, Aberdeen, North Carolina," J. M. Waller Associates. (February 2009)
2. "Public Health Assessment, Final Release, Aberdeen Contaminated Ground Water Site, Aberdeen, Moore County, North Carolina," North Carolina Health and Human Services. (December 11, 2009)

4.0 FEASIBILITY STUDY (FS)

4.1 Correspondence

1. Email from Doug Rumford, NCDENR to Jon Bornholm, USEPA (with attachment). Subject: ACGS. (4:11 PM). (May 27, 2010)
2. Email from Doug Rumford, NCDENR to Jon Bornholm, USEPA. Subject: RE: ACGW data eval rpt comments & Proposed Remedy for Site. (4:31 PM). (January 18, 2011)

4.4 Work Plans and Progress Reports

1. RDT, Aberdeen Contaminated GW Site Proposed Plan, Final ROD for OU 1 Presentation. (July 31, 2014)

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4.0 FEASIBILITY STUDY (FS)**4.9 Feasibility Study (FS) Reports**

1. "Final Feasibility Study of Aberdeen Contaminated Groundwater Site, Aberdeen, North Carolina," J. M. Waller Associates. (April 2011)

4.10 Proposed Plans for Selected Remedial Action

1. "Interim Action Proposed Plan, Aberdeen Contaminated Groundwater Site, Aberdeen, Moore County, North Carolina," USEPA. (August 2011)
2. "Proposed Plan for Operable Unit 1, Aberdeen Contaminated Groundwater Site, Aberdeen, Moore County, North Carolina," USEPA. (August 2014)

5.0 RECORD OF DECISION (ROD)**5.9 Record of Decision (ROD)**

1. "Record of Decision, Summary of Remedial Alternative Selection, Geigy Chemical Corporation Site, Aberdeen, Moore County, North Carolina," USEPA. (August 27, 1992)
2. "Interim Action Record of Decision, Summary of Remedial Alternative, Aberdeen Contaminated Groundwater Site, Aberdeen, Moore County, North Carolina," USEPA. (March 05, 2012) [Also includes the State Letter of Concurrence, Responsiveness Summary and Transcript of Public Meeting.].
3. "Record of Decision Amendment, Operable Unit One, Replacing Town of Aberdeen Supply Wells, Aberdeen Contaminated Groundwater Site, Aberdeen, Moore County, North Carolina," USEPA. (September 30, 2014) [Includes State Letter of Concurrence, Responsiveness Summary and Public Meeting Transcript].

6.0 REMEDIAL DESIGN (RD)**6.1 Correspondence**

1. Email from Doug Rumford, NCDENR to Jon Bornholm, USEPA. Subject: Re: Request to Review draft Pre-Design Field Investigation Data Evaluation Report for Aberdeen Contaminated GW Site. (5:05 pm). (November 01, 2012)
2. Letter from Jon Bornholm, USEPA to Jane Traylor, J.M. Waller Associates, Inc. Subject: Comments/Approval on Draft Pre-Design Field Investigation Data Evaluation Report for Aberdeen Contaminated GW Superfund Site. (November 06, 2012)
3. Email from Jane Traylor, J.M. Waller Associates, Inc. to Jon Bornholm, USEPA. Subject: TO 25 Aberdeen Field Update. (8:19 am). (January 17, 2013)
4. Email from Jane Traylor, J.M. Waller Associates, Inc. to Jon Bornholm, USEPA. Subject: Re: ACGW Site Cost Estimate for Air Stripper vs. GAC Filtration. (8:27 am). (March 11, 2013)
5. Memorandum from Ben Bentkowski, USEPA to Jon Bornholm, USEPA. Subject: Assessment of Groundwater Remediation Strategy relative to the Lee Paving Site, Aberdeen Contaminated GW Site. (July 26, 2013)
6. Aberdeen Contaminated GW Superfund Site, Preparation for HQ Conference Agenda. (August 01, 2013)

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6.0 REMEDIAL DESIGN (RD)

6.1 Correspondence

7. Letter from Jane Traylor, J.M. Waller Associates, Inc. to Jon Bornholm, USEPA (with attachment). Subject: Draft Final Remedial Design for Aberdeen Contaminated GW Site. (September 20, 2013)
8. Email from Doug Rumford, NCDENR to Jon Bornholm, USEPA. Subject: Comments for draft Final RD. (11:50 am). (September 30, 2013)
9. Letter from Jane Traylor, J.M. Waller Associates, Inc. to Jon Bornholm, USEPA (with attachment). Subject: Final Remedial Design for Aberdeen Contaminated GW Site. (October 23, 2013)
10. Point and Counter Point Summary, Aberdeen Asphalt Testing Lab Site 8-21 Superfund Response for US EPA meeting on November 20, 2013, Hart & Hickman, PC. (November 20, 2013)
11. Notes to go with presentation slides, Aberdeen Contaminated Groundwater Site. (November 21, 2013)
12. Email from Doug Rumford, NCDENR to Jon Bornholm, USEPA. Subject: Re: ACGWS. (2:54 pm). (December 05, 2013)
13. Email from Doug Rumford, NCDENR to Jon Bornholm, USEPA. Subject: Re: ACGWS. (3:27 pm). (December 05, 2013)
14. Email from Doug Rumford, NCDENR to Jon Bornholm, USEPA. Subject: Re: ACGWS. (9:42 am). (December 05, 2013)
15. Email from Jane Traylor, J.M. Waller Associates, Inc. to Jon Bornholm, USEPA. Subject: Re: ACGw. (12:16 pm). (December 05, 2013)
16. Email from Jon Bornholm, USEPA to Doug Rumford, NCDENR. Subject: Aberdeen Contaminated Groundwater Site. (12:38 pm). (December 11, 2013)
17. Email from Jon Bornholm, USEPA to Addressees. Subject: Follow-up conference call for Aberdeen Contaminated Groundwater Site. (4:13 pm). (January 08, 2014)
18. Email from Thomas Niver, NC DOT to Tim Walton. Subject: Re: Google Earth Image. (9:28 am). (January 23, 2014)
19. Email from Thomas Niver, NC DOT to Sue Regier (with attachments). Subject: Town of Aberdeen Municipal Well Replacement - Weymouth Woods. (12:03 pm). (January 27, 2014)
20. Email from Ben Bentkowski, USEPA to Addressees. Subject: Re: Vapor Intrusion Screening Simulations. (10:39 am). (April 07, 2014)

6.2 Sampling and Analysis Data

1. "Draft Pre-Design Field Investigation Data Evaluation Report, Aberdeen Contaminated Groundwater Site, Aberdeen, Moore County, North Carolina," J.M. Waller Associates, Inc. (October 2012)
2. "Draft Pre-Design Field Investigation Data Evaluation Report #2, Aberdeen Contaminated Groundwater Site, Aberdeen, Moore County, North Carolina," J.M. Waller Associates, Inc. (May 2013)
3. Letter from Jane Traylor, J.M. Waller Associates, Inc. to Jon Bornholm, USEPA (with attachment). Subject: Draft Pre-Design Data Evaluation Report #2 for Aberdeen Contaminated Groundwater Site. (May 10, 2013)

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6.0 REMEDIAL DESIGN (RD)

6.2 Sampling and Analysis Data

4. Email from Ben Bentkowski, USEPA to Addressees (with attachment). Subject: Re: Aberdeen Superfund Site. (10:34 am). (November 14, 2013)
5. Aberdeen Contaminated Groundwater Site, Screening Level Assessment of Vapor Intrusion Risk, Upchurch and Golf Capital Broadcasting Properties. (April 04, 2014)

6.4 Work Plans and Progress Reports

1. "Remedial Design Meeting Presentation, Aberdeen Contaminated Groundwater Site, Aberdeen, NC," J.M. Waller Associates, Inc. (October 25, 2012)
2. Aberdeen Contaminated Groundwater Site Meeting Agenda. (November 21, 2013)
3. Sign in Sheet, Aberdeen Contaminated Groundwater Site Meeting. (November 21, 2013)

6.8 Remedial Design Documents

1. Letter from Jane Traylor, J.M. Waller Associates, Inc. to Jon Bornholm, USEPA (with attachment). Subject: Preliminary (30%) Remedial Design for Aberdeen Contaminated Groundwater Site. (April 04, 2012)
2. Letter from Jane Traylor, J.M. Waller Associates, Inc. to Jon Bornholm, USEPA (with attachment). Subject: Pre-Final (90%) Remedial Design for Aberdeen Contaminated Groundwater Site. (September 14, 2012)
3. Letter from Jane Traylor, J.M. Waller Associates, Inc. to Jon Bornholm, USEPA (with attachment). Subject: Preliminary (30%) Remedial Design for Aberdeen Contaminated Groundwater Site. (July 19, 2013)
4. "Semi-Annual Groundwater Monitoring Report, NC DOT 8-21, Aberdeen, North Carolina," Hart & Hickman. (October 01, 2013)

13.0 COMMUNITY RELATIONS

13.6 Community Relations Plans

1. "Community Involvement Plan, Aberdeen Contaminated Groundwater Site, Aberdeen, North Carolina," USEPA. (January 2013)

13.7 News Clippings and Press Releases

1. "Aberdeen Site Get Review" The Pilot - Southern Pines, North Carolina. (April 26, 2013)

13.9 Fact Sheets

1. U.S. Environmental Protection Agency Fact Sheet, Aberdeen Contaminated Groundwater Superfund Site, Aberdeen, Moore County, North Carolina. (April 2012)

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17.0 SITE MANAGEMENT RECORDS

17.4 Site Audio-Visuals

1. Moore County GIS Figure Showing Location of Route 211 MW Locations for Wells Sampled By TCE, For all sampling events TCE is non-detected. (July 31, 2014)