

4.4 Interim Deliverables (cont'd.)

Responses to Comments (cont'd.)

9. Letter from David L. Cummings, Olin Corporation to Lynne A. Fratus, EPA Region I (May 21, 1990). Concerning transmittal of the attached:
 - A. Response from Olin Corporation to the March 14, 1990 Comments from Lynne A. Fratus, EPA Region I.
 - B. Response from Olin Corporation to the April 10, 1990 Comments from Lynne A. Fratus, EPA Region I.

4.6 Feasibility Study (FS) Reports

Reports

1. "Draft Focused Feasibility Study Report - Task 3 - Permanent Water Supply Study," Camp Dresser & McKee Inc. (October 1985).
2. "Draft Groundwater Feasibility Study Report - Volume I," Olin Corporation (May 1990).
3. "Draft Groundwater Feasibility Study Report - Volume II," Olin Corporation (May 1990).
4. "Groundwater Feasibility Study - Volume I," BCM Engineers, Inc. for Olin Corporation (October 1990).
5. "Groundwater Feasibility Study - Volume II," BCM Engineers, Inc. for Olin Corporation (October 1990).
6. "Groundwater Feasibility Study - Volume III," BCM Engineers, Inc. for Olin Corporation (October 1990).
7. "Groundwater Feasibility Study Report - Addendum," EPA Region I (February 1991).

Comments

8. Comments Dated June 13, 1990 from Lynne A. Fratus, EPA Region I on the May 1990 "Draft Groundwater Feasibility Study Report," Olin Corporation.
9. Comments Dated June 14, 1990 from Warren S. Angell II, State of Rhode Island Department of Environmental Management on the May 1990 "Draft Groundwater Feasibility Study Report," Olin Corporation.
10. Comments Dated July 16, 1990 from Alicia M. Good, State of Rhode Island Department of Environmental Management on the May 1990 "Draft Groundwater Feasibility Study Report," Olin Corporation.
11. Comments Dated January 10, 1991 from Lynne A. Fratus, EPA Region I on the October 1990 "Groundwater Feasibility Study," BCM Engineers, Inc. for Olin Corporation.

Responses to Comments

12. Response Dated October 22, 1990 from David L. Cummings, Olin Corporation to the June 13, 1990 Comments from Lynne A. Fratus, EPA Region I and the June 14, 1990 Comments from Warren S. Angell II, State of Rhode Island Department of Environmental Management.

4.9 Proposed Plans for Selected Remedial Action

1. "EPA Proposes Cleanup Plan to Address Groundwater Contamination at the Western Sand & Gravel Site," EPA Region I (February 1991).

5.0 Record of Decision (ROD)

5.1 Correspondence

State of Rhode Island Department of Environmental Management

1. Letter from James W. Fester, State of Rhode Island Department of Environmental Management to Merrill S. Hohman, EPA Region I (March 11, 1991). Concerning a request for a 60 day extension to the comment period on the Proposed Plan.
2. Letter from Merrill S. Hohman, EPA Region I to James W. Fester, State of Rhode Island Department of Environmental Management (March 13, 1991). Concerning the response to the March 11, 1991 letter and the denial of an extension to the comment period on the Proposed Plan.
3. Letter from Merrill S. Hohman, EPA Region I to Thomas D. Getz, State of Rhode Island Department of Environmental Management (March 25, 1991). Concerning transmittal of the "Draft Record of Decision" for review and confirmation of the State of Rhode Island's position on the Proposed Plan.
4. Letter from Merrill S. Hohman, EPA Region I to Thomas D. Getz, State of Rhode Island Department of Environmental Management (March 27, 1991). Concerning the response to the March 13, 1991 letter regarding the Groundwater Protection Act.
5. Letter from James W. Fester, State of Rhode Island Department of Environmental Management to Merrill S. Hohman, EPA Region I (March 28, 1991). Concerning a request for additional time to review the Draft Record of Decision.
6. Letter from Merrill S. Hohman, EPA Region I to James W. Fester, State of Rhode Island Department of Environmental Management (March 29, 1991). Concerning the response to the March 28, 1991 request for additional time to review the Draft Record of Decision.
7. Facsimile from Louise Durfee, State of Rhode Island Department of Environmental Management to Julie Belaga, EPA Region I (April 12, 1991). Concerning comments on the Draft Record of Decision and nonconcurrence.
8. Letter from Julie Belaga, EPA Region I to Louise Durfee, State of Rhode Island Department of Environmental Management (April 16, 1991). Concerning the response to the April 12, 1991 facsimile regarding comments on the Draft Record of Decision.

5.3 Responsiveness Summary

1. Cross Reference: Responsiveness Summary is an attachment to the April 16, 1991 "Record of Decision," EPA Region I [Filed and cited as entry number 1 in 5.4 Record of Decision (ROD)].

The following citations indicate documents received by EPA Region I during the formal public comment period.

2. Comments Dated February 28, 1991 from Ethel M. Halsey on the February 1991 Proposed Plan.
3. Comments Dated February 28, 1991 from the State of Rhode Island Department of Environmental Management on the February 1991 Proposed Plan.
4. Comments Dated March 11, 1991 from Richard E. Kyte Jr. (Attorney for Nasonville Water District) on the February 1991 Proposed Plan with the attached Comments Dated February 26, 1991 from George R. Allan, Dufresne-Henry, Inc.

- 5.3 Responsiveness Summary (cont'd.)
5. Comments Dated March 13, 1991 from David L. Cummings, Olin Chemicals on the February 1991 Proposed Plan.
 6. Comments Dated March 13, 1991 from Thomas D. Getz, State of Rhode Island Department of Environmental Management on the February 1991 Proposed Plan.
 7. Comments Dated March 15, 1991 from Warren S. Angell II, State of Rhode Island Department of Environmental Management on the February 1991 Proposed Plan.
- 5.4 Record of Decision (ROD)
1. "Record of Decision," EPA Region I (April 16, 1991) with the attached Responsiveness Summary, State of Rhode Island Nonconurrence Letter, and the Administrative Record Index.
- 6.0 Remedial Design (RD)
- 6.1 Correspondence
- Nasonville Water District
1. Letter from Felix Harvey, State of Rhode Island Department of Environmental Management to Maria Flanagan, Nasonville Water District (September 26, 1986). Concerning location of storage tank.
 2. Letter from Felix Harvey, State of Rhode Island Department of Environmental Management to Maria Flanagan, Nasonville Water District (October 15, 1986). Concerning agreement on the location of the storage tank.
 3. Letter from John W. Gallagher, EPA Region I to Maria Flanagan, Nasonville Water District (October 15, 1986). Concerning construction of the water line.
 4. Letter from David E. Pinsky, Camp Dresser & McKee Inc. to John Hagopian, State of Rhode Island Department of Health (June 3, 1987). Concerning design considerations for the proposed well field at Site E.
 5. Letter from John W. Gallagher, EPA Region I to Ethel W. Halsey, Nasonville Water District (June 12, 1987). Concerning status on work begun as ordered by Consent Decree.
 6. Letter from Warren S. Angell II, State of Rhode Island Department of Environmental Management to Ethel M. Halsey, Nasonville Water District (June 3, 1988). Concerning progress at the site.
 7. Letter from Warren S. Angell II, State of Rhode Island Department of Environmental Management to Ethel M. Halsey, Nasonville Water District (June 3, 1988). Concerning progress of issues listed on the proposed June 7, 1988 Nasonville Water District meeting agenda.
 8. Letter from Warren S. Angell II, State of Rhode Island Department of Environmental Management to Ethel M. Halsey, Nasonville Water District (September 13, 1988) with attached Letter from Peter P. Calise, State of Rhode Island Water Resources Board to Warren S. Angell II, State of Rhode Island Department of Environmental Management (June 9, 1988). Concerning the approval of the application for a new source of water supply.

6.1 Correspondence (cont'd.)

Nasonville Water District (cont'd.)

9. Memorandum from Ethel M. Halsey, Nasonville Water District to Lynne A. Fratus, EPA Region I (September 22, 1988) with attached:
 - A. Memorandum from Ethel M. Halsey, Nasonville Water District to Nasonville Water District Board Members (September 21, 1988). Concerning the lack of progress at the site.
 - B. Letter from Peter P. Calise, State of Rhode Island Water Resources Board to Warren S. Angell II, State of Rhode Island Department of Environmental Management (June 9, 1988). Concerning the approval of the application for a new water supply source.
 - C. Letter from Irene Winkler, U.S. Department of Agriculture to Ethel M. Halsey, Nasonville Water District (August 31, 1988). Concerning the installation of a public water line.
10. Letter from Lynne A. Fratus, EPA Region I to Warren S. Angell II, State of Rhode Island Department of Environmental Management (October 24, 1988). Concerning response to the attached October 3, 1988 Letter from Nasonville Water District.
11. Letter from Warren S. Angell II, State of Rhode Island Department of Environmental Management to Ethel M. Halsey, Nasonville Water District (November 25, 1988). Concerning response to the October 3, 1988 Letter from Nasonville Water District.
12. Letter from Ethel M. Halsey, Nasonville Water District to Warren S. Angell II, State of Rhode Island Department of Environmental Management (December 21, 1988). Concerning the attached compilation of questions, answers and comments on progress at the site.
13. Letter from Warren S. Angell II, State of Rhode Island Department of Environmental Management to Ethel M. Halsey, Nasonville Water District (February 22, 1989). Concerning Nasonville Water District water main.
14. Letter from Mary E. Kay, State of Rhode Island Department of Environmental Management to Francis A. Gaschen (Attorney for the Nasonville Water District) (March 27, 1989). Concerning parcels of real estate needed for construction of a water line in the Nasonville Water District.
15. Letter from Lynne A. Fratus, EPA Region I to Ethel M. Halsey, Nasonville Water District (March 27, 1989). Concerning the attached estimated schedule for construction of water line.
16. Letter from Lynne A. Fratus, EPA Region I to Warren S. Angell II, State of Rhode Island Department of Environmental Management (March 29, 1989) with attached map. Concerning description of the affected area at the site.
17. Letter from Warren S. Angell II, State of Rhode Island Department of Environmental Management to Maria Flanagan, Nasonville Water District (June 6, 1989). Concerning transmittal of correspondence from U.S. Army Corps of Engineers pertaining to construction of a water line.

Miscellaneous

18. Memorandum from Robert P. Hartley, EPA Headquarters to File (January 13, 1987). Concerning summary of meeting with representatives of American Colloid Company.
19. Letter from Paul P. Ozarowski and Wesley E. Stimpson, Haley & Aldrich, Inc. to Thomas E. Taylor, Weston Services, Incorporated (July 28, 1987). Concerning the transmittal of soil testing results of Black Hills Bentonite mixture.

6.3 Applicable or Relevant and Appropriate Requirements (ARARs)

1. Letter from Felix Harvey, State of Rhode Island Department of Environmental Management to Verrill M. Norwood Jr., Olin Corporation (April 22, 1986). Concerning the attached "Regulations for Underground Storage Facilities Used for Petroleum Products and Hazardous Materials," State of Rhode Island Department of Environmental Management.

6.4 Remedial Design Documents

The record cited in entry number 1 is an oversized document and may be reviewed, by appointment only, at EPA Region I, Boston, Massachusetts.

1. "Permanent Water Supply, Western Sand and Gravel Superfund Site, Final Engineering Plans," Sea Consultants, Inc. (January 1988).
2. Letter from Mary E. Kay, State of Rhode Island Department of Environmental Management to Lynne A. Fratus, EPA Region I (April 12, 1989). Concerning transmittal of the attached "Statement of Condemnation of Fee Title and Construction and Maintenance Easements," State of Rhode Island Department of Environmental Management. (March 29, 1989).

Plans associated with the records cited in entry numbers 3 and 6 may be reviewed, by appointment only, at EPA Region I, Boston, Massachusetts.

3. "Plans and Specifications (For Construction Contract) Western Sand & Gravel Superfund Site Permanent Water Supply," U.S. Army Corps of Engineers (May 1989).
4. "Amendment No. 0001 to Specifications and Drawings for Construction of Western Sand and Gravel Superfund Site, Permanent Water Supply, Burrillville, Rhode Island," U.S. Army Corps of Engineers (May 17, 1989).
5. "Amendment No. 0002 to Specifications and Drawings for Construction of Western Sand and Gravel Superfund Site, Permanent Water Supply, Burrillville, Rhode Island," U.S. Army Corps of Engineers (June 28, 1989).
6. "Amendment No. 0003 to Specifications and Drawings for Construction of Western Sand and Gravel Superfund Site, Permanent Water Supply, Burrillville, Rhode Island," U.S. Army Corps of Engineers (July 12, 1989).
7. "Amendment No. 0004 to Specifications and Drawings for Construction of Western Sand and Gravel Superfund Site, Permanent Water Supply, Burrillville, Rhode Island," U.S. Army Corps of Engineers (July 21, 1989).

The record cited in entry number 8 is an oversized document and may be reviewed, by appointment only, at EPA Region I, Boston, Massachusetts.

8. Letter from State of Rhode Island Department of Environmental Management (July 24, 1989). Concerning transmittal of the attached final signed easement drawings.

7.0 Remedial Action (RA)

7.1 Correspondence

Nasonville Water District

1. Letter from Lynne A. Fratus, EPA Region I to William Flanagan, Nasonville Water District (November 7, 1989). Concerning the status of construction of the waterline which will service the Nasonville Water District.
2. Letter from Lynne A. Fratus, EPA Region I to William Flanagan, Nasonville Water District (December 4, 1989). Concerning EPA's position on future connections to the waterline.
3. Letter from Lynne A. Fratus, EPA Region I to William Flanagan, Nasonville Water District (May 9, 1990). Concerning a request that the Nasonville Water District finalize the State-Aid Agreement with the State of Rhode Island Department of Environmental Management as soon as possible.
4. Letter from Lynne A. Fratus, EPA Region I to Richard E. Kyte Jr. (August 8, 1990). Concerning the derivation of the estimated operation and maintenance costs for the waterline and the attached Letter from John Gallagher, EPA Region I to Felix Harvey, State of Rhode Island Department of Environmental Management (October 16, 1986).
5. Letter from Richard E. Kyte Jr. to Lynne A. Fratus, EPA Region I (October 17, 1990). Concerning both the desire that the roadways serviced by the waterline should be paved and the attached:
 - A. Letter from Richard E. Kyte Jr. to Claude Cote, State of Rhode Island Department of Environmental Management (October 17, 1990).
 - B. Letter from George R. Allen, Dufresne-Henry, Inc. to William Flanagan, Nasonville Water District (September 28, 1990).
 - C. Letter Report from David L. Merithew, Robert L. Merithew, Inc. to George R. Allen, Dufresne-Henry, Inc. (September 26, 1990). Concerning the September 5, 1990 inspection of the 100,000 gallon water sphere located within the Nasonville Water District.
6. Letter from Richard E. Kyte Jr. (Attorney for Nasonville Water District) (December 6, 1990). Concerning transmittal of the attached Letter from Michael E. Grilli, Beta Engineering, Inc. to William Flanagan, Nasonville Water District (October 26, 1990) regarding paving the roads.
7. Letter from Richard E. Kyte Jr. (Attorney for Nasonville Water District) to Lynne A. Fratus, EPA Region I (February 13, 1991). Concerning the request for specific cost information regarding the site cleanup.
8. Letter from Thomas Bercher, Town of Burrillville to William Flanagan, Nasonville Water District (February 21, 1991). Concerning the inadequate reconstruction of Gig and Pulaski Roads.
9. Letter from Lynne A. Fratus, EPA Region I to William Flanagan, Nasonville Water District (February 21, 1991). Concerning transmittal of the information requested on EPA's decision to not pave the roads over the water system.
10. Letter from Richard E. Kyte Jr. (Attorney for Nasonville Water District) to Lynne A. Fratus, EPA Region I (March 13, 1991). Concerning the request for cleanup cost figures.
11. Letter from Lynne A. Fratus, EPA Region I to Richard E. Kyte Jr. (Attorney for Nasonville Water District) (March 20, 1991). Concerning a reply to the request for cleanup cost figures.

7.1 Correspondence (cont'd.)

Olin Corporation

12. Letter from John W. Gallagher, EPA Region I to James C. Brown, Olin Corporation (August 22, 1986). Concerning Bentonite-enhanced layer.
13. Letter from James C. Brown, Olin Corporation to John W. Gallagher, EPA Region I (September 29, 1986). Concerning the Bentonite-enhanced soil layer of the cap.
14. Letter from John W. Gallagher, EPA Region I to Verrill M. Norwood Jr., Olin Corporation (May 21, 1987). Concerning comments on the cover system and its installation.
15. Letter from John W. Gallagher, EPA Region I to James C. Brown, Olin Corporation (June 9, 1987). Concerning summary of plans for the cap.
16. Letter from James C. Brown, Olin Corporation to John W. Gallagher, EPA Region I and Felix Harvey, State of Rhode Island Department of Environmental Management (July 3, 1987). Concerning field permeability testing of the cap.
17. Letter from James C. Brown, Olin Corporation to Tina Cardi, State of Rhode Island Department of Environmental Management (July 3, 1987). Concerning attached Permanent Closure Application for the underground storage tank located at the site.
18. Letter from James C. Brown, Olin Corporation to John W. Gallagher, EPA Region I and Felix Harvey, State of Rhode Island Department of Environmental Management (July 13, 1987) with attached map. Concerning sources of structural and frost protection fill materials.
19. Letter from James C. Brown, Olin Corporation to John W. Gallagher, EPA Region I (August 4, 1987). Concerning field permeability testing of the cap.
20. Letter from James C. Brown, Olin Corporation to John W. Gallagher, EPA Region I and Felix Harvey, State of Rhode Island Department of Environmental Management (September 9, 1987). Concerning the handling of solid contaminated materials at the site.
21. Letter from James C. Brown, Olin Corporation to Peter Sullivan, State of Rhode Island Department of Environmental Management (October 26, 1987). Concerning transmittal of photographic documentation of the August 22, 1987 underground storage tank at the site.
22. Letter from James C. Brown, Olin Corporation to John W. Gallagher, EPA Region I and Felix Harvey, State of Rhode Island Department of Environmental Management (November 2, 1987). Concerning transmittal of report on laboratory and field test work supporting the final design of Bentonite-enhanced layer.
23. Letter from James C. Brown, Olin Corporation to John W. Gallagher, EPA Region I (November 4, 1987). Concerning notes from October 7, 1987 conference call.
24. Letter from James C. Brown, Olin Corporation to John W. Gallagher, EPA Region I and Felix Harvey, State of Rhode Island Department of Environmental Management (December 7, 1987). Concerning seeding of the fenced area at the site.
25. Letter from Lynne A. Fratus, EPA Region I to James C. Brown, Olin Corporation (December 8, 1987). Concerning letter from EPA Region I to State of Rhode Island Department of Environmental Management regarding the cover's ability to meet RCRA requirements.
26. Letter from Lynne A. Fratus, EPA Region I to James C. Brown, Olin Corporation (December 28, 1987). Concerning seeding of the cap.
27. Memorandum from Doug G. Harrod, Olin Corporation to Robert D. McCaleb, Olin Corporation (February 17, 1988). Concerning seeding of the cap.
28. Letter from James C. Brown, Olin Corporation to Lynne A. Fratus, EPA Region I (March 3, 1988). Concerning reseeding of the cap.

7.1 Correspondence (cont'd.)

Olin Corporation (cont'd.)

29. Letter from James C. Brown, Olin Corporation to Lynne A. Fratus, EPA Region I (March 8, 1988). Concerning the attached:
 - A. "Uniform Hazardous Waste Manifest" Form, Commonwealth of Massachusetts Department of Environmental Quality Engineering (October 28, 1987).
 - B. "Certificate of Destruction," SCA Chemical Services (November 11, 1987).
 - C. Waste Information Form - liquid waste (September 29, 1987).
 - D. Analysis of Waste Oil from Underground Storage Tank (December 1982).
 - E. "Uniform Hazardous Waste Manifest" Form, Commonwealth of Massachusetts Department of Environmental Quality Engineering (October 28, 1987).
 - F. "Certificate of Disposal," SCA Chemical Services (January 18, 1988).
 - G. Waste Information Form - solid waste (September 29, 1987).
 - H. Memorandum of Points and Authorities in Opposition to Plaintiffs' Motion for Preliminary Injunction, *Chemical Waste Management, Inc. and SCA Chemical Services, Inc. v. United States Environmental Protection Agency et al.*, United States District Court for the District of Kansas, Civil Action No. 87-2411-S (September 11, 1987).
30. Letter from Lynne A. Fratus, EPA Region I to James C. Brown, Olin Corporation (May 9, 1988). Concerning inspection of the cap.
31. Letter from Richard C. Boynton, EPA Region I to James C. Brown, Olin Corporation (September 27, 1988). Concerning list of work items necessary to complete site closure.
32. Letter from James C. Brown, Olin Corporation to Warren S. Angell II, State of Rhode Island Department of Environmental Management (September 28, 1988). Concerning removal of electrical equipment from the site.
33. Letter from Warren S. Angell II, State of Rhode Island Department of Environmental Management to James C. Brown, Olin Corporation (November 15, 1988). Concerning removal of transformers from the site.
34. Letter from Richard C. Boynton, EPA Region I to James C. Brown, Olin Corporation (March 29, 1989) with attached map. Concerning final inspection of the site.
35. Letter from James C. Brown, Olin Corporation to Lynne A. Fratus, EPA Region I (August 1, 1989). Concerning erosion protection at the site.

S.E.A. Consultants Inc.

36. Letter from Lynne A. Fratus, EPA Region I to Douglas F. Reed, S.E.A. Consultants Inc. (January 11, 1990). Concerning transmittal of comments from the Town of Burrillville on the design of the waterline.
37. Letter from Ronald S. Ponte for Douglas F. Reed, S.E.A. Consultants Inc. to Lynne A. Fratus, EPA Region I (February 14, 1990). Concerning responses to the Town of Burrillville's comments on the design of the waterline.
38. Letter from Douglas F. Reed, S.E.A. Consultants Inc. to John Barrett, U.S. Army Corps of Engineers (July 27, 1990). Concerning a response to the EPA Letter Dated June 18, 1990 regarding the dates for submission of the draft Rules and Regulations and Operation and Maintenance Manuals for the Nasonville Water District.
39. Letter from Douglas F. Reed, S.E.A. Consultants Inc. to Warren S. Angell, State of Rhode Island Department of Environmental Management (August 9, 1990). Concerning transmittal of the attached "Draft Construction Standards and Rules and Regulations for Public Water Mains and Services," Nasonville Water District Board of Water Commissioners (August 3, 1990) for comments.

7.1 Correspondence (cont'd.)

S.E.A. Consultants Inc. (cont'd.)

40. Letter from Douglas F. Reed, S.E.A. Consultants Inc. to Lynne A. Fratus, EPA Region I (September 10, 1990). Concerning transmittal of the attached "Draft Water Supply and Distribution System Operation and Maintenance Manual," Nasonville Water District Board of Water Commissioners (August 1990) for comments.
41. Letter from Douglas F. Reed, S.E.A. Consultants Inc. to Lynne A. Fratus, EPA Region I (October 4, 1990). Concerning response to the State of Rhode Island Department of Environmental Management's concerns over the watermain size and material used as well as providing service to Lot 50A and Lot 51.
42. Letter from Douglas F. Reed, S.E.A. Consultants Inc. to Lynne A. Fratus, EPA Region I (December 11, 1990). Concerning the Surface Water Treatment Rule.
43. Letter from Douglas F. Reed, S.E.A. Consultants Inc. to Maurice Beaudoin, U.S. Army Corps of Engineers (December 12, 1990). Concerning responses to the October 12, 1990 Department of Health concerns with the Nasonville water system.
44. Letter from Douglas F. Reed, S.E.A. Consultants Inc. to Maurice Beaudoin, U.S. Army Corps of Engineers (December 20, 1990). Concerning comments on the "Scope of Services" for an operator of the Nasonville water system.
45. Letter from Douglas F. Reed, S.E.A. Consultants Inc. to Lynne A. Fratus, EPA Region I (January 15, 1991). Concerning the attached "Evaluation of Impacts of the Surface water Treatment rule on the Tarklin Road Well Site."
46. Letter from Douglas F. Reed, S.E.A. Consultants Inc. to Lynne A. Fratus, EPA Region I (January 15, 1991). Concerning the attached "Supplemental Response to RIDOH Comments on Nasonville Water System."

State of Rhode Island Department of Environmental Management

47. Letter from Dennis Huebner for Merrill S. Hohman, EPA Region I to Thomas D. Getz, State of Rhode Island Department of Environmental Management (November 19, 1987). Concerning comments on the cover's ability to meet RCRA requirements.

7.1 Correspondence (cont'd.)

State of Rhode Island Department of Environmental Management (cont'd.)

48. Letter from Warren S. Angell II, State of Rhode Island Department of Environmental Management to Lynne A. Fratus, EPA Region I (November 28, 1989). Concerning transmittal of the following attachments:
 - A. Letter from Dean H. Albro, State of Rhode Island Department of Environmental Management to Anthony J. Zuena, S.E.A. Consultants, Inc. (March 23, 1988). Concerning the review of the request for "Fresh Water Wetland Applicability Determination."
 - B. Letter from Edgar R. Girard, State of Rhode Island Department of Health to Warren S. Angell II, State of Rhode Island Department of Environmental Management (June 2, 1988). Concerning the attached State of Rhode Island Department of Health's approval for a tubular well field, pumping station, and 100,000 gallon elevated storage tank to serve the proposed Nasonville Water District.
 - C. Letter from Eugene A. Morin, State of Rhode Island Department of Health to Thomas D. Getz, State of Rhode Island Department of Environmental Management (June 22, 1987). Concerning the attached State of Rhode Island Department of Health's approval of a site for the proposed development of a well field to serve the proposed Nasonville Water District.
 - D. Letter from Peter P. Calise, State of Rhode Island Water Resources Board to Warren S. Angell II, State of Rhode Island Department of Environmental Management (June 9, 1988). Concerning the State of Rhode Island Water Resources Board's recommendations for the State of Rhode Island Department of Environmental Management
 - E. "Notice of Proposed Construction or Alteration" Form, U.S. Department of Transportation Federal Aviation Administration (July 14, 1988).
49. Letter from Lynne A. Fratus, EPA Region I to Warren S. Angell II, State of Rhode Island Department of Environmental Management (April 4, 1990). Concerning notification that construction of the waterline has begun and the attached "News Release," U.S. Army Corps of Engineers (March 19, 1990).
50. Letter from Merrill S. Hohman, EPA Region I to Michael A. Annarummo, State of Rhode Island Department of Environmental Management (May 24, 1990). Concerning the request that the State of Rhode Island Department of Environmental Management finalize the State-Aid Agreement with the Nasonville Water District as soon as possible.
51. Letter from Lynne A. Fratus, EPA Region I to Warren S. Angell II, State of Rhode Island Department of Environmental Management (August 28, 1990). Concerning comments on the August 31, 1990 "Draft Rules and Regulations for the Nasonville Water District," S.E.A. Consultants, Inc.
52. Letter from Lynne A. Fratus, EPA Region I to Warren S. Angell II, State of Rhode Island Department of Environmental Management (September 4, 1990). Concerning transmittal of the 1984 Record of Decision.
53. Letter from Richard C. Boynton, EPA Region I to Alicia Good, State of Rhode Island Department of Environmental Management (September 17, 1990). Concerning the schedule for completing construction of the waterline.
54. Letter from Michael Annarummo, State of Rhode Island Department of Environmental Management to Julie Belaga, EPA Region I (September 18, 1990). Concerning the Superfund State Contract for Remedial Measures Related to the Site and the Nasonville water system.
55. Letter from Warren S. Angell II, State of Rhode Island Department of Environmental Management to Ann Marie Gomes (October 11, 1990). Concerning transmittal of the attached "Request for Connection to the EPA Water Distribution System."

7.1 Correspondence (cont'd.)

State of Rhode Island Department of Environmental Management (cont'd.)

56. Letter from Julie Belaga, EPA Region I to Michael Annarummo, State of Rhode Island Department of Environmental Management (October 17, 1990). Concerning Superfund State Contract for Remedial Measures Related to the Site and the Nasonville water system.
57. Letter from Richard C. Boynton, EPA Region I to Alicia M. Good, State of Rhode Island Department of Environmental Management (November 13, 1990). Concerning transmittal of the draft scope of services for the operation and maintenance of the water supply.
58. Letter from Alicia M. Good, State of Rhode Island Department of Environmental Management to Richard C. Boynton, EPA Region I (November 29, 1990). Concerning an update of the State of Rhode Island's activities at the site.
59. Letter from Thomas D. Getz, State of Rhode Island Department of Environmental Management to William Flannagan, Nasonville Water District (December 4, 1990). Concerning the request of whether or not the Nasonville Water District is willing to accept operation and maintenance responsibilities for the water supply system.
60. Letter from Richard C. Boynton, EPA Region I to Alicia M. Good, State of Rhode Island Department of Environmental Management (December 14, 1990). Concerning response to State of Rhode Island Department of Environmental Management comments on the waterline.
61. Letter from June Swallow, State of Rhode Island Department of Health to Richard C. Boynton, EPA Region I (December 14, 1990). Concerning preliminary determination that the surface water treatment rule will apply to the Nasonville Water District.
62. Letter from Lynne A. Fratus, EPA Region I to Warren S. Angell II, State of Rhode Island Department of Environmental Management (December 21, 1990). Concerning transmittal of a copy of S.E.A. Consultants Inc.'s response to State of Rhode Island Department of Environmental Management's comments on the waterline.
63. Letter from Alicia M. Good for Thomas T. Getz, State of Rhode Island Department of Environmental Management to Merrill S. Hohman, EPA Region I (December 26, 1990). Concerning issues that have come up regarding the site waterline.
64. Letter from Merrill S. Hohman, EPA Region I to Thomas T. Getz, State of Rhode Island Department of Environmental Management (February 25, 1991). Concerning the status of construction and ownership of the waterline.

U.S. Army Corps of Engineers

65. Letter from Maurice Beaudoin, U.S. Army Corps of Engineers to Gary D. Robinson, R.H. White Construction Company, Inc. (November 1, 1989). Concerning the confirmation that a pre-construction conference will be held on November 6, 1989 to review the contract requirements.
66. Memorandum from Maurice Beaudoin, U.S. Army Corps of Engineers to Contract Files (November 7, 1989) with the attached Attendance List. Concerning notes on the November 6, 1989 pre-construction conference.
67. Letter from Maurice Beaudoin, U.S. Army Corps of Engineers to Gary D. Robinson, R.H. White Construction Company, Inc. (November 8, 1989). Concerning the confirmation that a public meeting is scheduled for November 28, 1989.
68. Letter from Maurice Beaudoin, U.S. Army Corps of Engineers to the U.S. Department of Transportation Federal Aviation Administration (January 18, 1990). Concerning transmittal of the "Notice of Proposed Construction or Alteration" for evaluation and action.

7.1 Correspondence (cont'd.)

U.S. Army Corps of Engineers (cont'd.)

69. Letter from Maurice Beaudoin, U.S. Army Corps of Engineers to William Flanagan, Nasonville Water District (March 1, 1990). Concerning transmittal of the color chart for the paint system for the elevated water storage tank to be constructed.
70. Letter from Maurice Beaudoin, U.S. Army Corps of Engineers to Gary D. Robinson, R.H. White Construction Company, Inc. (March 9, 1990). Concerning a request for a price quotation to upsize the proposed pump station generator exhaust louver.
71. Letter from Maurice Beaudoin, U.S. Army Corps of Engineers to Susan Frank, EPA Region I (April 16, 1990). Concerning an update on site activities and transmittal of the attached proposed "Schedule of Construction."
72. Letter from Lynne A. Fratus, EPA Region I to Maurice Beaudoin, U.S. Army Corps of Engineers (March 7, 1990). Concerning changes to be made to the waterline design.
73. Letter from Anna F. Krasko, EPA Region I to Maurice Beaudoin, U.S. Army Corps of Engineers (March 27, 1990). Concerning transmittal of the EPA logo to be posted on the construction sign for the site.
74. Letter from Maurice Beaudoin, U.S. Army Corps of Engineers to Lynne A. Fratus, EPA Region I (April 23, 1990). Concerning the on-the-ground staking of the limits of the road easement.
75. Letter from Maurice Beaudoin, U.S. Army Corps of Engineers to William Flanagan, Nasonville Water District (April 26, 1990). Concerning transmittal of the color charts for the paint system for the pump station exterior door and interior surfaces.
76. Letter from Maurice Beaudoin, U.S. Army Corps of Engineers to Lynne A. Fratus, EPA Region I (April 30, 1990). Concerning the following attachments:
 - A. "Physical Alteration Permit Application," State of Rhode Island Department of Transportation (April 30, 1990).
 - B. "Building Permit Application."
 - C. Letter from James B. Duncan, The Stephen B. Church Company to Herb Johnston, U.S. Geological Survey (April 19, 1990). Concerning notification that The Stephen B. Church Company will be testing water wells on April 23 or April 24, 1990.
 - D. Letter from James B. Duncan, The Stephen B. Church Company to Sue Kiernan, State of Rhode Island Department of Environmental Management (April 19, 1990). Concerning notification that The Stephen B. Church Company will be testing water wells on April 23 or April 24, 1990.
77. Letter from Lynne A. Fratus, EPA Region I to Maurice Beaudoin, U.S. Army Corps of Engineers (May 3, 1990). Concerning EPA's response to the April 23, 1990 letter recommending that the limits of the easements for the waterline be physically staked in the field and requesting an updated budget for the project.
78. Letter from Lynne A. Fratus, EPA Region I to Maurice Beaudoin, U.S. Army Corps of Engineers (May 18, 1990). Concerning transmittal of access agreements.
79. Letter from Lynne A. Fratus, EPA Region I to Maurice Beaudoin and John Barrett, U.S. Army Corps of Engineers, and Douglas F. Reed, S.E.A. Consultants Inc. (June 18, 1990). Concerning a request that the "Rules and Regulations Manual" and the "Operation and Maintenance Manual" be prepared and submitted to EPA and the State of Rhode Island Department of Environmental Management by July 31, 1990.

7.1 Correspondence (cont'd.)

U.S. Army Corps of Engineers (cont'd.)

80. Letter from Maurice Beaudoin, U.S. Army Corps of Engineers to Gary D. Robinson, R.H. White Construction Company, Inc. (June 27, 1990). Concerning a request that the Operation and Maintenance Manuals for the pump station be submitted to S.E.A. Consultants Inc. as soon as possible.
81. Letter from Maurice Beaudoin, U.S. Army Corps of Engineers to Ronald S. Ponte, S.E.A. Consultants Inc. (July 23, 1990). Concerning transmittal of the following attached letters:
 - A. Letter from Gary D. Robinson, R.H. White Construction Company, Inc. to Maurice Beaudoin, U.S. Army Corps of Engineers (July 19, 1990). Concerning submittal of additional cost estimates to provide three phase power.
 - B. Letter from Jeffrey T. Palumbo, Blackstone Valley Electric Company to Dana Johnston, Electrical Associates (June 29, 1990). Concerning utility charges associated with supplying three phase power to the Nasonville water pump station.
82. Letter from Maurice Beaudoin, U.S. Army Corps of Engineers to Richard St. Sauveur, Town of Burrillville Department of Public Works (July 24, 1990). Concerning the attached diagram of a reinforced concrete collar to be constructed at all six inch diameter gate valve boxes.
83. Letter from Maurice Beaudoin, U.S. Army Corps of Engineers to Douglas F. Reed, S.E.A. Consultants Inc. (August 27, 1990). Concerning transmittal of copies of plan and deed data for the Salvatore DeFelice parcel of land.
84. Letter from Maurice Beaudoin, U.S. Army Corps of Engineers to Edgar R. Girard, State of Rhode Island Department of Health (September 18, 1990). Concerning transmittal of the following attachments:
 - A. Letter from Ronald S. Ponte, S.E.A. Consultants Inc. to Maurice Beaudoin, U.S. Army Corps of Engineers (July 27, 1990). Concerning the conclusion that the water samples taken from the newly installed wells are not representative of the water quality to be seen when the well system is on line.
 - B. "Certificate of Analysis," R.I. Analytical.
85. Letter from Maurice Beaudoin, U.S. Army Corps of Engineers to Warren S. Angell II, State of Rhode Island Department of Environmental Management (September 21, 1990). Concerning transmittal of a September 18, 1990 letter from the R.H. White Construction Company, Inc. stating that the watermain was tested on June 6, 1990.
86. Letter from Maurice Beaudoin, U.S. Army Corps of Engineers to Lynne A. Fratus, EPA Region I (September 28, 1990). Concerning a reply to the State of Rhode Island Department of Environmental Management's suggestion that the water supply system be redesigned and that a protective bituminous concrete pavement be constructed where watermains were installed.
87. Letter from S.L. Carlock, U.S. Army Corps of Engineers to Lynne A. Fratus, EPA Region I (September 28, 1990). Concerning the recommendation that asphalt road surfacing will not serve as any extra protection to the buried waterline.
88. Letter from Maurice Beaudoin, U.S. Army Corps of Engineers to R.H. White Construction Company, Inc. (September 28, 1990). Concerning the pre-final inspection conducted on September 26, 1990 and the attached "Deficient Work Item List As Of 27 September 1990."
89. Letter from Lynne A. Fratus, EPA Region I to Maurice Beaudoin, U.S. Army Corps of Engineers (October 10, 1990). Concerning a request that Plat 43, Lot 50A be connected to the water system.

7.1 Correspondence (cont'd.)

U.S. Army Corps of Engineers (cont'd.)

90. Letter from Maurice Beaudoin, U.S. Army Corps of Engineers to Lynne A. Fratus, EPA Region I (October 18, 1990). Concerning clarification of what is expected from the U.S. Army Corps of Engineers under the existing contract.
91. Letter from Lynne A. Fratus, EPA Region I to Maurice Beaudoin, U.S. Army Corps of Engineers (October 22, 1990). Concerning transmittal of a package of information from the Nasonville Water District for review.
92. Letter from Maurice Beaudoin, U.S. Army Corps of Engineers to Gary D. Robinson, R.H. White Construction Company, Inc. (October 25, 1990). Concerning notification that an operator for the water supply system has not yet been selected by the State of Rhode Island Department of Environmental Management.
93. Letter from Maurice Beaudoin, U.S. Army Corps of Engineers to Gary D. Robinson, R.H. White Construction Company, Inc. (October 29, 1990). Concerning transmittal of the September 28, 1990 Letter from Dufresne-Henry, Inc. and the September 26, 1990 "Inspection Report," Robert L. Merithew, Inc.
94. Letter from Maurice Beaudoin, U.S. Army Corps of Engineers to Lynne A. Fratus, EPA Region I (November 1, 1990). Concerning transmittal of the attached "Draft Scope of Services for the Operation and Maintenance of the Site's Permanent Water Supply System."
95. Letter from Maurice Beaudoin, U.S. Army Corps of Engineers to Douglas F. Reed, S.E.A. Consultants Inc. (November 9, 1990). Concerning transmittal of the October 30, 1990 comments on the construction of a permanent water supply.
96. Letter from Maurice Beaudoin, U.S. Army Corps of Engineers to William Flanagan, Nasonville Water District (November 14, 1990). Concerning confirmation that painting will be conducted from November 14, 1990 to November 19, 1990.
97. Letter from Maurice Beaudoin, U.S. Army Corps of Engineers to Richard St. Sauveur, Town of Burrillville (December 6, 1990). Concerning transmittal of one set of half-size prints and As-Builts swing tie information for the waterline.
98. Letter from Maurice Beaudoin, U.S. Army Corps of Engineers to R.H. White Construction Co., Inc. (December 28, 1990). Concerning transmittal of results of water sampling.
99. Letter from Lynne A. Fratus, EPA Region I to Maurice Beaudoin, U.S. Army Corps of Engineers (January 3, 1991). Concerning transmittal of a December 26, 1990 Letter from the State of Rhode Island Department of Environmental Management for review.
100. Letter from Maurice Beaudoin, U.S. Army Corps of Engineers to Lynne A. Fratus, EPA Region I (January 18, 1991). Concerning response to comments from the State of Rhode Island Department of Environmental Management and the State of Rhode Island Department of Health.

7.2 Sampling and Analysis Data

1. "Report on Low Permeability Borrow Material Investigation," Haley & Aldrich, Inc. for Olin Corporation (August 1986).
2. "Report on Supplemental Laboratory Low Permeability Soil Testing Program," Haley & Aldrich, Inc. for Olin Corporation (May 1987).

7.5 Remedial Action Documents

The records cited in entries number 1 and 2 may be reviewed, by appointment only, at EPA Region I, Boston, Massachusetts.

1. "Final Certification Report - Cap Closure: Volume 1 of 2," Golder Associates for Olin Corporation (April 1988).
2. "Final Certification Report - Cap Closure: Volume 2 of 2," Golder Associates for Olin Corporation (April 1988).
3. Letter from James C. Brown, Olin Corporation to Lynne A. Fratus, EPA Region I and Warren S. Angell II, State of Rhode Island Department of Environmental Management (October 6, 1989). Concerning the request for written approval of site closure construction activities.
4. Letter from David L. Cummings, Olin Corporation to Lynne A. Fratus, EPA Region I and Warren S. Angell II, State of Rhode Island Department of Environmental Management (August 20, 1990). Concerning the scheduled dates for the annual post-closure sampling event at the site and the request for formal approval of the "Post-Closure and Contingency Plan."

The map associated with the record cited in entry number 5 is oversized and may be reviewed, by appointment only, at EPA Region I, Boston, Massachusetts.

5. Letter from Robert D. McCaleb, Olin Corporation to Lynne A. Fratus, EPA Region I (August 29, 1990). Concerning transmittal of the attached August 11, 1989 Letter from J.C. Brown, Olin Corporation to Lynne A. Fratus, EPA Region I and Warren S. Angell II, State of Rhode Island Department of Environmental Management as well as the "Site Closure Survey Plat."
6. Letter from Richard C. Boynton, EPA Region I to David L. Cummings, Olin Corporation (September 18, 1990). Concerning transmittal of EPA Region I comments on the August 1989 "Post-Closure and Contingency Plan," Olin Corporation.
7. Letter from Lynne A. Fratus for Richard C. Boynton, EPA Region I to David L. Cummings, Olin Corporation (February 8, 1991). Concerning clarification of a comment on the post-closure and contingency plans for the site.

7.6 Work Plans and Progress Reports

1. Letter from John W. Gallagher, EPA Region I to Robert P. Hartley, EPA Office of Research and Development (October 6, 1986). Concerning proposal by Olin Corporation for the clay layer cap at the site.
2. Letter from James C. Brown, Olin Corporation to John W. Gallagher, EPA Region I and Felix Harvey, State of Rhode Island Department of Environmental Management (June 12, 1987). Concerning the attached site closure exhibits:
 - A. Work Plan for Closure and Post-Closure Activities.
 - B. Performance Schedule.
 - C. Construction Procedure and Specifications.
 - D. Groundwater Recirculation System Closeout Details Drawings.
 - E. Remedial Action/Site Closure.
 - F. Construction Quality Assurance Plan.
 - G. Map with Site Location.
 - H. Names of "Pond Washings" and Other Material Suppliers.
 - I. Monitoring and Pumping Wells to be Closed.
 - J. Justification for 6 inch Bentonite-Enhanced Soil.
3. "Permeability Testing for the Western Sand and Gravel Cap," Haley & Aldrich, Inc. for Olin Corporation (September 1987).
4. "Quarterly Progress Report No. 1," Olin Corporation (October 10, 1987).
5. "Quarterly Progress Report No. 2," Olin Corporation (January 10, 1988).

7.6 Work Plans and Progress Reports (cont'd.)

6. "Quarterly Progress Report No. 2, Page 2 of Appendix A," Olin Corporation (January 12, 1988).
7. "Quarterly Progress Report No. 3," Olin Corporation (April 10, 1988).
8. "Quarterly Progress Report No. 4," Olin Corporation (July 10, 1988).
9. "Quarterly Progress Report No. 5," Olin Corporation (October 10, 1988).
10. "Quarterly Progress Report No. 6," Olin Corporation (January 10, 1989).
11. "Quarterly Progress Report No. 7," Olin Corporation (April 10, 1989).
12. "Quarterly Progress Report No. 8," Olin Corporation (July 10, 1989).
13. "Quarterly Progress Report No. 9," Olin Corporation (October 10, 1989).
14. "Quarterly Progress Report No. 10," Olin Corporation (January 10, 1990).
15. "Quarterly Progress Report No. 11," Olin Corporation (April 10, 1990).
16. "Quarterly Progress Report No. 12," Olin Corporation (July 10, 1990).
17. "Quarterly Progress Report No. 13," Olin Corporation (October 10, 1990).
18. "Quarterly Progress Report No. 14," Olin Corporation (January 10, 1991).

Comments

19. Comments Dated March 31, 1986 from John W. Gallagher, EPA Region I on the draft work plans for the site closure and groundwater study.
20. Comments Dated July 8, 1987 from John W. Gallagher, EPA Region I on the July 3, 1987 letter from James C. Brown, Olin Corporation.
21. Comments Dated July 10, 1987 from Felix Harvey, State of Rhode Island Department of Environmental Management on the June 1987 "Site Closure - Exhibits A Through J," Olin Corporation.

10.0 Enforcement

10.1 Correspondence

1. Letter from John W. Gallagher, EPA Region I to Verrill M. Norwood Jr., Olin Corporation (February 20, 1986). Concerning expediting the implementation of the Remedial Action Plan for the site.
2. Letter from John W. Gallagher for Richard C. Boynton, EPA Region I to Verrill M. Norwood Jr., Olin Corporation (June 12, 1987). Concerning designation of John W. Gallagher, EPA Region I as the On-Scene Coordinator.
3. Letter from James C. Brown for Verrill M. Norwood Jr., Olin Corporation to John W. Gallagher, EPA Region I and Felix Harvey, State of Rhode Island Department of Environmental Management (June 24, 1987). Concerning designation of James C. Brown, Olin Corporation as the coordinator for administration of reports and actions called for by the Consent Decree.

10.8 EPA Consent Decrees

1. Consent Decree, *Arlene Violet vs. United States of America, Plaintiff, v. Defendants, Western Sand and Gravel, et al.*, United States District Court for the District of Rhode Island Civil Action No. 86-0608-B (March 5, 1986) with attached:
 - A. Appendix I, Remedial Action Plan, Consent Decree, *Arlene Violet v. United States of America, Plaintiff, v. Defendants, Western Sand and Gravel, et al.*, United States District Court for the District of Rhode Island Civil Action No. 86-0608-B (March 5, 1986).
 - B. Appendix II, Guaranty of Performance, Consent Decree, *Arlene Violet v. United States of America, Plaintiff, v. Defendants, Western Sand and Gravel, et al.*, United States District Court for the District of Rhode Island Civil Action No. 86-0608-B (March 5, 1986).
 - C. Appendix III, Escrow Agreement, Consent Decree, *Arlene Violet v. United States of America, Plaintiff, v. Defendants, Western Sand and Gravel, et al.*, United States District Court for the District of Rhode Island Civil Action No. 86-0608-B (March 5, 1986).
2. Judgment, *James O'Neil, in his capacity as Attorney General of the State of Rhode Island v. Western Sand & Gravel, Inc., et al*, Civil Action No. 83-0788-B; *United States of America v. Western Sand & Gravel, Inc., et al*, Civil Action No. 86-0608-B (June 3, 1987).

Comments

3. Comments Dated January 2, 1987 from Ethel M. Halsey, Nasonville Water District on the Consent Decree filed in the United States District Court for the District of Rhode Island.

13.0 Community Relations

13.1 Correspondence

1. Letter from John W. Gallagher, EPA Region I to Ethel M. Halsey, Nasonville Water District (February 21, 1986). Concerning future public meetings.
2. Meeting Notes, Meeting for the Western Sand and Gravel Site, EPA Region I, State of Rhode Island Department of Environmental Management, and the Nasonville Water District (March 5, 1986).
3. Letter from John W. Gallagher, EPA Region I to Maria K. Flanagan, Nasonville Water District, (March 17, 1986). Concerning meeting notes from the March 5, 1986 meeting.
4. Letter from John W. Gallagher, EPA Region I to Leonard Chen, U.S. Department of Justice Land and Natural Resources Division (August 11, 1986). Concerning community relations activities for the site.
5. Letter from Lynne A. Fratus, EPA Region I to Jeff Fontaine, Prudential & Fontaine (December 4, 1989). Concerning the potential for Lot 51 to be connected to the site waterline.
6. Letter from Thomas Bercher, Town of Burrillville to Lynne A. Fratus, EPA Region I (January 2, 1990). Concerning comments on the proposed waterline design.
7. Letter from Lynne A. Fratus, EPA Region I to Thomas Bercher, Town of Burrillville (March 7, 1990). Concerning a response to the January 2, 1990 letter regarding comments on the proposed waterline design.

13.2 Community Relations Plans

1. "Community Relations Plan - Western Sand & Gravel Superfund Site, Burrillville, Rhode Island," Alliance Technologies Corporation (November 1990).

13.3 News Clippings/Press Releases

News Clippings

1. "Bill Filed to Form New Water District," Woonsocket Call - Woonsocket, Rhode Island (January 27, 1986).
2. "Federal Officials Okay Settlement for Dump's Cleanup," Evening Bulletin - Providence, Rhode Island (November 15, 1986).
3. "Water District Locks Horns With EPA," Woonsocket Call - Woonsocket, RI (December 5, 1990).
4. "The U.S. Environmental Protection Agency Invites Public Comment on the Proposed Plan for Groundwater Cleanup at the Western Sand & Gravel Superfund Site," Woonsocket Call - Woonsocket, RI (February 4, 1991).

Press Releases

5. "Environmental News - Cleanup Plans for Picillo and Western Sand & Gravel Sites Announced," EPA Region I (October 1, 1985).
6. "Environmental News - The U.S. Environmental Protection Agency (EPA) announced today that \$150,000 has been allocated for the design of a public water supply for homes near the Western Sand & Gravel Superfund hazardous waste site in Burrillville, Rhode Island," EPA Region I (May 19, 1986).
7. "Environmental News - \$5.8 Million Settlement Announced for Western Sand & Gravel Cleanup," EPA Region I (November 14, 1986).
8. "Environmental News - Cleanup Settlement Finalized for Western Sand & Gravel Waste Site," EPA Region I (June 4, 1987).
9. "Environmental News - Cleanup Work Begins at the Western Sand & Gravel Waste Site," EPA Region I (August 5, 1987).
10. "Environmental News," EPA Region I (November 14, 1989). Concerning the announcement of a November 28, 1989 Public Meeting to discuss construction of a waterline near the site.
11. "News Release," U.S. Army Corps of Engineers (March 19, 1990). Concerning the announcement that construction of an elevated water storage tank and a pumping station will begin in April 1990.
12. "Environmental News," EPA Region I (April 19, 1990). Concerning the announcement of the waterline construction schedule.
13. "The United States Environmental Protection Agency Invites Public Comment on the Proposed Plan for Groundwater Cleanup at the Western Sand & Gravel Site," EPA Region I (February 4, 1991).

13.4 Public Meetings

1. "Nasonville Water District," EPA Region I (October 9, 1986). Concerning project schedule and responsibilities.
2. Meeting Notes, Consent Decree Public Meeting, EPA Region I, State of Rhode Island Department of Environmental Management, and State of Rhode Island Office of the Attorney General (December 15, 1986).
3. "Summary of the Public Informational Meeting on the Proposed Plan" (February 11, 1991).
4. Cross-Reference: Transcript of the March 28, 1991 Public Hearing on the Proposed Plan is an attachment to the Responsiveness Summary which is an attachment to the April 16, 1991 "Record of Decision," EPA Region I [Filed and cited as entry number 1 in 5.4 Record of Decision (ROD)].

13.5 Fact Sheets

1. "EPA Announces the Results of Remedial Investigation and Risk Assessment for Groundwater Contamination," EPA Region I (November 1990).

14.0 Congressional Relations

14.1 Correspondence

1. Letter from John H. Chaffe, Member of the United States Senate to Julie Belaga, EPA Region I (December 11, 1990). Concerning the desire that the EPA consider paving roads near the site as a means of maintaining the remedy.
2. Letter from Julie Belaga, EPA Region I to John H. Chaffe, Member of the United States Senate (January 4, 1991). Concerning EPA's response to the December 11, 1990 letter.

16.0 Natural Resource Trustee

16.1 Correspondence

1. Letter from Gordon E. Beckett, U.S. Department of the Interior Fish and Wildlife Service to John W. Gallagher, EPA Region I (July 21, 1987) with attached April 27, 1984 Letter from Bruce Blanchard, U.S. Department of the Interior Office of the Secretary to Gene Lucero, EPA Headquarters. Concerning coordination in the development and review of draft documents relating to site activities.
2. Letter from Lynne A. Fratus, EPA Region I to Kenneth Finkelstein, U.S. Department of Commerce National Oceanic and Atmospheric Administration (February 27, 1990). Concerning transmittal of the February 1990 "Draft Groundwater Remedial Investigation Report," Olin Corporation.
3. Letter from Lynne A. Fratus, EPA Region I to William Patterson, U.S. Department of the Interior (February 27, 1990). Concerning transmittal of the February 1990 "Draft Groundwater Remedial Investigation Report," Olin Corporation.
4. Letter from Lynne A. Fratus, EPA Region I to Kenneth Finkelstein, U.S. Department of Commerce National Oceanic and Atmospheric Administration (April 2, 1990). Concerning transmittal of the February 1990 "Draft Groundwater Remedial Investigation Report - Appendix O," Olin Corporation.
5. Letter from Lynne A. Fratus, EPA Region I to William Patterson, U.S. Department of the Interior (April 2, 1990). Concerning transmittal of the February 1990 "Draft Groundwater Remedial Investigation Report - Appendix O," Olin Corporation.

16.1 Correspondence (cont'd.)

6. Letter from Lynne A. Fratus, EPA Region I to Kenneth Finkelstein, U.S. Department of Commerce National Oceanic and Atmospheric Administration (May 9, 1990). Concerning transmittal of the May 1990 "Draft Groundwater Feasibility Study Report - Volume I," Olin Corporation.
7. Letter from Lynne A. Fratus, EPA Region I to William Patterson, U.S. Department of the Interior (May 9, 1990). Concerning transmittal of the May 1990 "Draft Groundwater Feasibility Study Report - Volume I," Olin Corporation.
8. Letter from Lynne A. Fratus, EPA Region I to Kenneth Finkelstein, U.S. Department of Commerce National Oceanic and Atmospheric Administration (February 4, 1991). Concerning an update of site activities and transmittal of the addenda to the Remedial Investigation and Feasibility Study Reports.
9. Letter from Lynne A. Fratus, EPA Region I to William Patterson, U.S. Department of the Interior (February 4, 1991). Concerning an update of site activities and transmittal of the addenda to the Remedial Investigation and Feasibility Study Reports.

16.4 Trustee Notification Form and Selection Guide

1. Letter from Patricia L. Meaney for Merrill S. Hohman, EPA Region I to William Patterson, U.S. Department of the Interior (May 20, 1986) with attached Trustee Notification Form.
2. Letter from Patricia L. Meaney for Merrill S. Hohman, EPA Region I to Sharon Christopherson, U.S. Department of the Interior (May 20, 1986) with attached Trustee Notification Form.

17.0 Site Management Records

17.2 Access Records

1. Letter from William Walsh-Rogalski, EPA Region I to Michael Mosco, Hinckley, Allen, Tobin and Silverstein (Attorney for Philip A. Hunt Chemical Corporation) (November 18, 1985) with attached "Declaration of Restrictions and Protective Covenants Imposed Upon the So-Called Western Sand & Gravel Hazardous Waste Disposal Site."
2. Letter from Gregory L. Benik, Hinckley, Allen, Tobin and Silverstein (Attorney for Philip A. Hunt Chemical Corporation) to Susan B. Squires, State of Rhode Island Office of the Attorney General (May 21, 1986). Concerning the transmittal of deed restrictions.

The record cited in entry number 3 is an oversized document and may be reviewed, by appointment only, at EPA Region I, Boston, Massachusetts.

3. Cross Reference: Letter from State of Rhode Island Department of Environmental Management (July 24, 1989). Concerning transmittal of attached final signed easement drawings [Filed and cited as entry number 8 in 6.4 Remedial Design Documents].

17.4 Site Photographs/Maps

The photographs and maps referred to in entry numbers 1 through 5 may be reviewed, by appointment only, at EPA Region I, Boston, Massachusetts.

1. Six 5" x 7" Photographs of the site prior to construction of the Cap, Western Sand and Gravel Site.
2. Nine 3" x 5" Photographs of Construction of the Cap, Western Sand and Gravel Site.
3. Two 4" x 6" Photographs of Construction of the Cap, Western Sand and Gravel Site.
4. One 5" x 7" Photograph of the Completed Cap, Western Sand and Gravel Site.
5. Letter from Verrill M. Norwood Jr., Olin Corporation to John W. Gallagher, EPA Region I (January 17, 1986). Concerning two maps of the Topographic Plan of Land for the Philip A. Hunt Chemical Corporation.

17.7 Reference Documents

1. Technical Paper: "Field Evaluation of Three Methods of Soil-Gas Measurement for Delineation of Ground-Water Contamination," Henry B. Kerfoot, Lockheed Engineering and Management Services Company, Inc. (January 1988).
2. Technical Information Packet Regarding Petrex Soil Vapor Surveys, Northeast Research Institute, Inc.

17.8 State and Local Technical Records

1. "Table - Groundwater Elevations," (November 13, 1985).
2. "Table - Groundwater Elevations," (March 14, 1986).

18.0 Initial Remedial Measure (IRM) Records

18.1 Correspondence

Nasonville Water District

1. Memorandum from Ethel M. Halsey, Nasonville Water District to John W. Gallagher, EPA Region I (February 18, 1987). Concerning water sampling results.

Olin Corporation

2. Letter from Verrill M. Norwood Jr., Olin Corporation to John W. Gallagher, EPA Region I (October 15, 1985). Concerning domestic well reports.
3. Letter from Verrill M. Norwood Jr., Olin Corporation to John W. Gallagher, EPA Region I (November 14, 1985). Concerning summary of the November 7, 1985 meeting.
4. Letter from John W. Gallagher, EPA Region I to Verrill M. Norwood Jr., Olin Corporation (November 22, 1985). Concerning review of the November 7, 1985 meeting.
5. Letter from John W. Gallagher, EPA Region I to Verrill M. Norwood Jr., Olin Corporation (February 7, 1986). Concerning review of Olin's proposal to change the analysis program for the Interim Water Program.
6. Letter from Robert D. McCaleb, Olin Corporation to John W. Gallagher, EPA Region I (January 30, 1987). Concerning domestic well water sampling program.
7. Letter from John W. Gallagher, EPA Region I to Robert D. McCaleb, Olin Corporation (April 27, 1987). Concerning interim water supply response guidelines for coliform contamination.

18.1 Correspondence (cont'd.)

Olin Corporation (cont'd.)

8. Letter from Robert D. McCaleb, Olin Corporation to Lynne A. Fratus, EPA Region I (November 15, 1990). Concerning the Domestic Well Program.

State of Rhode Island Department of Environmental Management

9. Letter from John W. Gallagher, EPA Region I to Felix Harvey, State of Rhode Island Department of Environmental Management (February 11, 1986). Concerning analysis program for the interim water supply.
10. Letter from Felix Harvey, State of Rhode Island Department of Environmental Management to John W. Gallagher, EPA Region I (August 18, 1986). Concerning sampling frequency of private wells in the site area.

Section II
Guidance Documents

GUIDANCE DOCUMENTS

EPA guidance documents may be reviewed at EPA Region I, Boston, Massachusetts.

General EPA Guidance Documents

1. Comprehensive Environmental Response, Compensation, and Liability Act of 1980, amended [C015]
October 17, 1986.
2. "PCB Spill Cleanup Policy" (40 CFR Part 761), Volume 52, Number 63, April 2, 1987 [C009]
3. "Interim Procedures for Estimating Risks Associated with Exposures to Mixtures of Chlorinated Dibenzo - p - Dioxins and Dibenzofurans (CDDs and CDFs)," EPA Region I, October 1986.
4. Memorandum from J. Winston Porter to Addressees ("Regional Administrators, Regions I-X; Regional Counsel, Regions I-X; Director, Waste Management Division, Regions I, IV, V, VII, and VIII; Director, Emergency and Remedial Response Division, Region II; Director, Hazardous Waste Management Division, Regions III and VI; Director, Toxics and Waste Management Division, Region IX; Director, Hazardous Waste Division, Region X; Environmental Services Division Directors, Region I, VI, and VII"), July 9, 1987 (discussing interim guidance on compliance with applicable or relevant and appropriate requirements). [C055]
5. "National Oil and Hazardous Substances Pollution Contingency Plan," (40 CFR Part 300), November 20, 1985.
6. U.S. Department of Health and Human Services. National Institute for Occupational Safety and Health, and Occupational Safety and Health Administration. Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities, October 1985. [C065]
7. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Community Relations in Superfund: A Handbook (Interim Version) (EPA/HW-6, OSWER Directive 9230.0-3A), June 1988. [7000]
8. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. A Compendium of Superfund Field Operations Methods (EPA/540/P-87/001, OSWER Directive 9355.0-14), December 1987. [2100]
9. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Guidance on Remedial Actions for Contaminated Groundwater at Superfund Sites (OSWER Directive 9283.1-2), December 1988. [2413]
10. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Superfund Federal-Lead Remedial Project Management Handbook (EPA/540/G-87/001, OSWER Directive 9355.1-1), December 1986. [2010]
11. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Superfund State-Lead Remedial Project Management Handbook, (EPA/540/G-87/002), December 1986. [2012]
12. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Superfund Public Health Evaluation Manual (OSWER Directive 9285.4-01), October 1986. [5014]
13. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Handbook of Remedial Action at Waste Disposal Sites (EPA/625/6-85/006), October 1985. [2309]

14. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Interim Final Guidance on Conducting Remedial Investigations and Feasibility Studies under CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act), October 1988. [2002]
15. U.S. Environmental Protection Agency. Office of Health and Environmental Assessment. A Compendium of Technologies Used in the Treatment of Hazardous Waste (EPA/625/8-87/014), September 1987. [2300]
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