AR 83160

U.S. ENVIRONMENTAL PROTECTION AGENCY
REMEDIAL ACTION

ADMINISTRATIVE RECORD
FOR
BUCKEYE RECLAMATION LANDFILL SITE
BELMONT COUNTY, OHIO

UPDATE #3
SEPTEMBER 5, 1997

NO.	DATE	AUTHOR	RECIPIENT	TITLE/DESCRIPTION	PAGES
1	00/00/00	DynCorp	U.S. EPA	Toxicity Test Report for the Buckeye Landfill Site	23
2	06/04/84	U.S. EPA/ OSWER	U.S. EPA	Clarification of the Definition of Aquifer in 40 CFR 260.10 [OSWER Directive 9481.06(A)]	10
3	09/00/89	Burgess & Niple, Ltd.	U.S. EPA	Final Cover Investigation for the Buckeye Reclamation Landfill Site	12
4	05/00/91	U.S. EPA	Public	Fact Sheet: "U.S. EPA Proposes Cleanup Plan for Buckeye Reclamation Landfill"	8
5	08/19/91	U.S. EPA	Public	Record of Decision for the Buckeye Reclamation Landfill Site	114
6	02/13/93	Meckes, M., U.S. EPA/ START	Bartman, F., U.S. EPA	Memorandum re: Technical Review of the January 15, 1993 Constructed Wetlands Evaluation Predesign Study	3
7	04/16/93	Gleich, G., CONSOL, Inc.	Bartman, F., U.S. EPA	Letter Forwarding March 16, 1993 Damariscotta Letter re: Responses to U.S. EPA's Comments on the January 15, 1993 Technical Review of Constructed Wetlands Evaluation Predesign Study	32
8	08/00/93	Paul C. Rizzo Associates	U.S. EPA	Predesign Landfill Cap Study (FINAL REPORT)	~~214~~ 210
9	08/20/93	Environmental Strategies Corporation	U.S. EPA	Supplemental Hydrogeologic Study Report: Volume 1 of 2 (Text, Tables and Figures) [FINAL]	~~204~~ 177
10	08/20/93	Environmental Strategies Corporation	U.S. EPA	Supplemental Hydrogeologic Study Report: Volume 2 of 2 (Appendices A-H) [FINAL]	~~469~~ 477
11	12/22/93	Gleich, G., CONSOL, Inc.	Bartman, F., U.S. EPA	Letter Forwarding Attached December 1993 Preliminary Remedial Design Report (30% Submittal)	14

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13	03/22/94	Marty, S., Ohio EPA	Thompson, P., Ohio EPA	Memorandum re: OEPA's Comments on the 30% Design, Groundwater Monitoring System	6
14	04/12/94	Riggins, E., Environmental Strategies Corporation	Gleich, G., CONSOL, Inc.	Letter Forwarding Attached Minutes from the March 24-25, 1994 Meeting re: the Proposed Ground-water Monitoring Program	4
15	04/20/94	Chizzonite, J., Environmental Strategies Corporation	Siebers, D., U.S. EPA	Letter Forwarding Attached Draft Proposed Groundwater Monitoring Program Outline	~~17~~ 19
16	04/28/94	Environmental Strategies Corporation	U.S. EPA	Additional Hydrogeologic Investigation: Volume 1 of 3 (Text)	~~53~~ 56
17	04/28/94	Environmental Strategies Corporation	U.S. EPA	Additional Hydrogeologic Investigation: Volume 2 of 3 (Tables and Figures)	~~44~~ 26
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21	09/00/94	Environmental Strategies Corporation/ Baker and Associates	U.S. EPA	Final Remedial Design Report (100% Submittal): Volume 1 of 3 (Text, Tables and Figures) [DESIGN FOR ORIGINAL REMEDY PER THE 1991 RECORD OF DECISION]	104
22	09/00/94	Environmental Strategies Corporation/ Baker and Associates	U.S. EPA	Final Remedial Design Report (100% Submittal): Volume 2 of 3 (Appendices A-F) [DESIGN FOR ORIGINAL REMEDY PER THE 1991 RECORD OF DECISION]	491

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29	03/07/95	Lonardo, J.; Vorys, Sater, Seymour and Pease	Siebers, D., U.S. EPA	Letter Forwarding Attached "Plan for Remediation and Settlement"	31
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31	04/06/95	Siebers, D., U.S. EPA	Barbara, M., McLaren/Hart Environmental Engineering Corporation	Letter re: U.S. EPA's Comments on the BRLSSC Proposal to Modify the Approved Site Remedy	3
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33	05/05/95	Plautz, M. and M. Barbara; McLaren/Hart Environmental Engineering Corporation	Siebers, D., U.S. EPA	McLaren/Hart's Response to U.S. EPA's April 6, 1995 Comments Concerning Various Technical Matters at the Buckeye Reclamation Landfill Site	~~02~~ 9/

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41	12/27/95	Siebers, D., U.S. EPA	Gleich, G., CONSOL, Inc.	Letter re: U.S. EPA's Comments on the Pilot Contructed Wetland Study Report	4
42	01/18/96	Gleich, G., CONSOL, Inc.	Siebers, D., U.S. EPA	Letter Forwarding Damariscotta's January 16, 1996 Letter re: Responses to U.S. EPA Comments on the Pilot Constructed Wetland Study	12
43	01/26/96	Siebers, D., U.S. EPA	Gleich, G., CONSOL, Inc.	Letter re: U.S. EPA's Approval of the Technical Proposal for Southern Toe Area Investigation	1
44	04/04/96	Wenska, M., Black & Veatch	Narsete, G., U.S. EPA	Letter Forwarding Attached Revised Community Involvement Plan	37
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47	10/31/96	Tierney, M., U.S. EPA	Gleich, G., CONSOL, Inc.	Letter re: U.S. EPA/ Ohio EPA's Comments on the July 1996 Slope Stability Evaluation Report	3
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50	02/13/97	Tierney, M., U.S. EPA	Gleich, G., CONSOL, Inc.	Letter re: Ohio EPA's Comments on (1) the October 15, 1996 Southern Toe Hydrogeologic Investigation Report and (2) the July 17, 1996 Cost Estimate for Monitoring Well Installation	3
51	03/24/97	Tierney, M., U.S. EPA	Gleich, G., CONSOL, Inc.	Letter re: U.S. EPA/ Ohio EPA's Comments on the November 1996 Revised Final Remedial Design Report (100% Submittal)	5
52	04/07/97	Thompson, P., Ohio EPA	Gleich, G., CONSOL, Inc.	Letter re: OEPA's Comments on the March 24, 1997 Proposed Ground Water Monitoring Plan/Waste Pit Area Document	1
53	04/08/97	Muller, L., Baker and Associates	Gleich, G., CONSOL, Inc.	Letter re: Baker's Response to U.S. EPA Comments on the Revised 100% Remedial Design	8
54	04/20/97	Thompson, P., Ohio EPA	Gleich, G., CONSOL, Inc.	Memorandum re: OEPA's Suggested Changes to the April 18, 1997 Draft Ground Water Monitoring Plan Summary	2
55	04/21/97	Tierney, M., U.S. EPA	Gleich, G., CONSOL, Inc.	Letter re: U.S. EPA's Approval of the Slope Stability Report	1

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58	04/23/97	Environmental Strategies Corporation/ Baker and Associates	U.S. EPA	Revised Final Remedial Design Report (100% Submittal): Volume 1 of 3 (Text, Tables and Figures) [Revision #1 to November 1996 Report] [DESIGN FOR THE REVISED REMEDY PER THE 1997 EXPLANATION OF SIGNIFICANT DIFFERENCES]	~~83~~ 84
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62	05/21/97	Tierney, M., U.S. EPA	Gleich, G., CONSOL, Inc.	Letter re: U.S. EPA's Approval of the November 1996 "Revised Final Remedial Design Report (100% Submittal)"	1
63	05/27/97	Environmental Strategies Corporation	U.S. EPA	Southern Toe Hydro-geologic Investigation (Revised October 10, 1996 Report)	~~153~~ /62

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65	06/03/97	Muller, L., Baker and Associates	Gleich, G., Consol, Inc.	Cover Letter Forwarding Corrected Pages, Figures and Drawings for the Approved Revised Remedial Design Report	1
66	06/12/97	Gleich, G., CONSOL, Inc.	Tierney, M., U.S. EPA	Letter re: Proposal for Waste Pit Area Hydro-geologic Investigation and Initiation of Interim Groundwater Monitoring	18
67	07/07/97	Tierney, M., U.S. EPA	Gleich, G., CONSOL, Inc.	Letter re: U.S. EPA's Approval of the "Ground Water Monitoring Plan Outline" and the "Southern Toe Hydrogeologic Investi-gation Report" for the Buckeye Reclamation Site	1
68	07/14/97	U.S. EPA	Public	Public Notice Announcing (1) Explanation of Significant Differences in the Record of Decision and (2) July 29, 1997 Open House/Availability Session	1
69	07/15/97	Tierney, M., U.S. EPA	Gleich, G., CONSOL, Inc.	Letter re: U.S. EPA's Approval of the "Proposal for Waste Pit Area Hydro-geologic Investigation and Initiation of Interim Groundwater Monitoring" for the Buckeye Reclamation Site	1
70	07/17/97	U.S. EPA	Public	Explanation of Significant Differences	8
71	07/28/97	Chizzonite, J., Environmental Strategies Corporation	Gleich, G., CONSOL, Inc.	Letter re: Waste Pit Area Hydrogeologic Investigation	2
72	08/00/97	U.S. EPA	Public	Fact Sheet: "U.S. EPA Announces Changes in Cleanup Remedy"	6
73	08/06/97	U.S. EPA	Public	Environmental News Release: "EPA Approves Changes to Cleanup Plan at Buckeye Landfill; Meeting August 13"	2

BUCKEYE RECLAMATION LANDFILL
ADMINISTRATIVE RECORD
UPDATE #3
GUIDANCE ADDENDUM

DOCUMENTS MAY BE VIEWED AT
U.S. EPA REGION 5
77 W. JACKSON BLVD.
CHICAGO, IL 60604-3590

NO.	DATE	AUTHOR	RECIPIENT	TITLE/DESCRIPTION
1	00/00/00	U.S. EPA/ OHEA	U.S. EPA	Integrated Risk Information System (IRIS): A Computer-Based Health Risk Information System
2	09/01/82	U.S. EPA/ U.S. Army Corps of Engineers	U.S. EPA	Evaluating Cover Systems for Solid and Hazardous Waste (OSWER 9476.00-1)
3	05/01/85	U.S. EPA	U.S. EPA	Settlement and Cover Subsidence of Hazardous Waste Landfills: Project Summary (EPA 600/S2-85.035)
4	08/01/85	U.S. EPA/ Life Systems, Inc.	U.S. EPA	Toxicology Handbook (OSWER 9850.2)
5	09/01/85	U.S. EPA/ U.S. Army Corps of Engineers	U.S. EPA	Covers for Uncontrolled Hazardous Waste Sites (EPA 540/2-85/002)
6	03/27/86	U.S. EPA/ OSWER	U.S. EPA	Interim RCRA/CERCLA Guidance on Non-Continuous Sites and On-Site Management of Waste and Treatment Residue (OSWER 9347.0-1)
7	09/24/86	U.S. EPA	U.S. EPA	Guidelines for Carcinogen Risk Assessment (Federal Register: September 24, 1986, p. 33992)
8	12/01/86	U.S. EPA/ OERR	U.S. EPA	Superfund Federal-Lead Remedial Project Management Handbook (OSWER 9355.1-1)
9	12/19/86	U.S. EPA/ OWPE	U.S. EPA	Final RCRA Comprehensive Ground-Water Monitoring Evaluation Guidance Document (OSWER 9950.2)
10	03/01/87	U.S. EPA/ OERR	U.S. EPA	Data Quality Objectives for Remedial Response Activities: Development Process (OSWER 9355.0-7B)
11	05/01/87	U.S. EPA/ Office of Water Regulations and Standards	U.S. EPA	Quality Criteria for Water 1986 (EPA 440/5-86/001)

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12	06/01/87	U.S. EPA/ ORD	U.S. EPA	Memorandum: Guidelines and Specifications for Preparing Quality Assurance Program Documentation
13	12/01/87	U.S. EPA/ OERR	U.S. EPA	A Compendium of Superfund Field Operations Methods (OSWER 9355.0-14)
14	02/01/88	U.S. EPA/ Data Review Work Group	U.S. EPA	Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses
15	03/30/88	U.S. EPA/ OSWER	U.S. EPA	Operation and Maintenance Inspection Guide (RCRA Ground-Water Monitoring Systems) [OSWER 9950.3)
16	04/01/88	U.S. EPA/ OERR	U.S. EPA	Superfund Exposure Assessment Manual (OSWER 9285.5-1)
17	06/01/88	U.S. EPA/ OERR	U.S. EPA	Community Relations in Superfund: A Handbook (OSWER 9230.0-03B)
18	07/01/88	U.S. EPA/ Data Review Work Group	U.S. EPA	Laboratory Data Validation Functional Guidelines for Evaluating Inorganics Analyses
19	00/00/89	U.S. EPA/ OERR	U.S. EPA	Risk Assessment Guidance for Superfund, Volume I: (Part A) Human Health Evaluation Manual, Interim Final (EPA 540/1-89/002)
20	00/00/89	U.S. EPA/ OERR	U.S. EPA	Risk Assessment Guidance for Superfund, Volume II: Environmental Evaluation Manual, Interim Final (EPA 540/1-89/001)
21	03/08/90	Federal Register	Public	National Oil and Hazardous Substances Contingency Plan, Final Rule (Vol. 55: 8666-8865)
22	08/00/90	U.S. EPA/ OERR	U.S. EPA	CERCLA Site Discharges to POTW's: Guidance Manual (EPA 540/6-90/005)
23	10/00/90	U.S. EPA/ OSWER	U.S. EPA	Guidance for Data Useability in Risk Assessment (OSWER 9285.7-05)

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24	00/00/91	U.S. EPA/ OSWER	U.S. EPA	Human Health Evaluation Supplemental Guidance: Standard Default Exposure Factors (OSWER Directive 9285.6-03)
25	00/00/91	U.S. EPA/ Region 5	U.S. EPA	Region 5 Scope of Work for Ecological Assessment
26	01/30/91	Federal Register	Public	National Primary Drinking Water Regulations, Final Rule (Vol. 56: 3578-3596)
27	03/25/91	U.S. EPA/ OERR	U.S. EPA	Risk Assessment Guidance for Superfund, Volume I: Human Health Evaluation Manual (Supplemental Guidance) "Standard Default Exposure Factors" (OSWER 9285.6-03)
28	04/22/91	U.S. EPA/ OSWER	U.S. EPA	Role of the Baseline Risk Assessment in Superfund Remedy Selection Decisions (OSWER Directive 9355.0-30)
29	12/13/91	U.S. EPA/ OERR	U.S. EPA	Risk Assessment Guidance for Superfund, Volume I: (Part B) "Development of Risk Based Preliminary Remediation Goals" (OSWER 9285.7-01B)
30	12/13/91	U.S. EPA/ OERR	U.S. EPA	Risk Assessment Guidance for Superfund, Volume I: (Part C) "Risk Evaluation of Remedial Alternatives" (OSWER 9285.7-01C)
31	05/00/92	U.S. EPA/ OSWER	U.S. EPA	Supplemental Guidance to RAGS: Calculating the Concentration Term (Intermittent Bulletin: Vol. 1, No. 1; OSWER 9285.7-08)