

U.S. ENVIRONMENTAL PROTECTION AGENCY
REMEDIAL ACTION

ADMINISTRATIVE RECORD
FOR
BENNETT'S DUMP SITE
BLOOMINGTON, MONROE COUNTY, INDIANA

ORIGINAL
AUGUST 21, 1998

NO.	DATE	AUTHOR	RECIPIENT	TITLE/DESCRIPTION	PAGES
V. 1 1	00/00/00	City of Bloomington	File	Topographic Map for the City of Bloomington, Section 31, Bloomington Township	1
2	00/00/00	Roy F. Weston,	U.S. EPA	Maps: (1) Site Location, (2) Site Sketch, (3) PCB Concentrations in Soil Sampling and (4) Location Map for Soil Borings at the Bennett's Quarry Site	7
3	00/00/00	Testing Service Corporation	U.S. EPA	Test Boring Logs for the Bennett's Quarry Site	3
4	00/00/00	U.S. EPA	File	Summary of Remedial Alternative Selection at the Bennett's Dump Site	16
5	00/00/00	U.S. EPA	File	Summary of Remedial Alternative Selection at the Lemon Lane Landfill Site	22
6	00/00/00	U.S. EPA	File	Summary of Remedial Alternative Selection at the Neal's Dump Site	17
7	00/00/00	U.S. EPA	File	Summary of Remedial Alternative Selection at the Neal's Landfill Site	24
8	00/00/00	U.S. EPA	File	Summary of Remedial Alternative Selection at the Winston Thomas Treatment Plant Site	18
9	00/00/00	U.S. EPA	File	National Priorities List Site: Background Informa- tion Concerning the Bennett's Stone Quarry Site	1
10	00/00/00	U.S. EPA	File	Map: Proposed Magnet- ometer Survey at the Bennett's Quarry Site	2

<u>NO.</u>	<u>DATE</u>	<u>AUTHOR</u>	<u>RECIPIENT</u>	<u>TITLE/DESCRIPTION</u>	<u>PAGES</u>
11	1959-1979	Indiana Department of Conservation	File	Water Well Records for Wells Located in Monroe County, IN for the Years 1959-1979	76
12	02/00/66	Monroe County Department of Health	File	MCDH Nuisance Complaint Reports for the Period February 23-28, 1966 for the Bennett's Quarry Site	3
13	07/00/80	Indiana State Board of Health	File	Tables re: Results for PCB Analysis of Fish Samples from Monroe County and Lawrence County Collected Between June 16 - July 2, 1980	11
14	00/00/83	Lillich, R., U.S. EPA	U.S. EPA	<i>On-Scene Coordinator's Report for the Bennett's Quarry Site</i>	29
15	03/22/83	Monroe County Health Department	File	MCHD Nuisance Complaint Report re: Dump Site in Bloomington Township	2
16	05/00/83	Weston-Sper Technical Assistance Team	U.S. EPA	<i>Site Assessment and Emergency Action Plan for the Bennett's Quarry Site</i>	11
17	05/12/83	Blasland & Bouck Engineers, P.C.	U.S. EPA	Tables/Maps re: Summary of Information on PCB Sample Collections Conducted May 12, 1983 and Boring Records for the Bennett's Quarry Site	32
18	06/14/83	Furnish, T., Environmental Consultants, Inc.	Bogner, J., Petrochem Services, Inc.	<i>Analytical Report for the Bennett's Quarry Clean-up</i>	11
19	07/00/83	Ecology and Environment, Inc.	U.S. EPA	<i>Remedial Alternatives Assessment for the Neal's Dump Site</i>	34
20	07/00/83	Ecology and Environment, Inc.	U.S. EPA	<i>Remedial Alternatives Assessment for the Neal's Landfill Site</i>	51
21	07/22/83	Lucero, G., U.S. EPA/ OWPE	U.S. EPA	Memorandum re: Final Remedial System for Neal's Dump w/ Attached July 20, 1983 Action <i>Memorandum</i>	5

NO.	DATE	AUTHOR	RECIPIENT	TITLE/DESCRIPTION	PAGES
22	07/22/83	Lucero, G., U.S. EPA/ OWPE	U.S. EPA	Memorandum re: Final Remedial System for Neal's Landfill w/ Attached July 19, 1983 Action Memorandum	4
23	07/24/83	Bevan, B., Geosight	Stimpson, K., Roy F. Weston, Inc.	Report: A Geophysical Survey at Bennett's Quarry	39
24	03/20/84	Blasland & Bouck Engineers, P.C.	U.S. EPA	Two Topographic Maps re: the Bennett's Dump Site	2
25	04/02/84	O'Mara, T., U.S. EPA	Goldman, R., Blasland & Bouck Engineers, P.C.	Letter re: June 1983 Trenching Work at the Bennett's Quarry Site	3
26	04/12/84	Goldman, R., Blasland & Bouck Engineers, P.C.	Reich, K., U.S. DOJ	Letter re: Investigation of Potentially Contaminated Contiguous Areas at the Bennett's Dump Site	11
27	04/21/84	Griffin, R., R.A. Griffin & Associates	Reich, K., U.S. DOJ	Letter re: Comments on B&B's Contiguous Area Investigation Protocol for the Bennett's Dump Site	2
28	04/24/84	Smith, J., P.E. LaMoreaux & Associates	O'Mara, T., U.S. EPA	Letter re: Comments on the Proposed Additions and Revisions to the Ground Water Monitoring Report for Bennett's Dump, Lemon Lane and Winston Thomas Facility	1
29	04/24/84	Stimpson, K., Weston-Sper	O'Mara, T., U.S. EPA	Letter re: Weston's Review of Data to Determine Depth of Contamination Fill at the Bennett's Quarry Site	5
30	05/30/84	McCarrin, M., Ecology and Environment, Inc.	File	Memorandum re: April 9-13, 1984 Field Work at the Bennett's Quarry Site	14
31	06/21/84	Goldman, R., Blasland & Bouck Engineers, P.C.	Reich, K., U.S. DOJ	Letter re: Analytical Data for the Winston Thomas Facility and Bennett's Dump	3

<u>NO.</u>	<u>DATE</u>	<u>AUTHOR</u>	<u>RECIPIENT</u>	<u>TITLE/DESCRIPTION</u>	<u>PAGES</u>
32	07/30/84	Powell, R., Geosciences Research Associates, Inc.	File	Paper: A Report on Some Problems Associated with Removal of Groundwater from Karst Terrains at Bloomington, Indiana	1
33	08/01/84	LeMoreaux, P., P.E. LeMoreaux, & Associates	File	Memorandum re: Remedial Alternative at the Bloomington Sites	2
34	08/03/84	Adamkus, V., U.S. EPA	Thomas, L., U.S. EPA	Memorandum re: Recom- mendation of Selected Remedial Activities at Westinghouse Case Sites w/ Attachments	133
<i>v.2</i> 35	10/18/84	Ecology and Environment, Inc.	U.S. EPA	Site Safety Plan for the Bennett's Quarry Site	9
36	11/00/84	U.S. EPA	File	Chain of Custody Records: (1) Surficial Soil Samples and (2) Soil Sample from Boring for the Bennett's Quarry Site	2
37	11/00/84	U.S. EPA	U.S. Testing Company	Packing List re: Samples Collected at Lemon Lane, Neal's Landfill and Bennett's Quarries Between October 29 - November 7, 1984	5
38	12/04/84	Thomas, L., U.S. EPA	U.S. EPA	Enforcement Decision Document: Remedial Alternative Selection for the Westinghouse Sites	2
39	10/17/85	Westinghouse Electric Corporation	U.S. EPA	Supplemental Groundwater Investigation Plan for the Winston-Thomas Facility and Bennett's Dump w/ Cover Letter	20
40	11/08/85	Powell, R., Geosciences Research Associates, Inc.	Pearce, P., U.S. EPA	Letter re: Geoscience's Comments on WEC's Proposals for On Site Monitoring Wells at Neal's Dump, Neal's Landfill and Lemon Lane	10
41	12/00/85	Jones, W., et al; Indiana University	Westinghouse Electric Corporation	Report: Well Water User Survey Around Four PCB- Contaminated Sites (ESAC- 85-03)	141

<u>NO.</u>	<u>DATE</u>	<u>AUTHOR</u>	<u>RECIPIENT</u>	<u>TITLE/DESCRIPTION</u>	<u>PAGES</u>
42	02/27/86	Pickard, R., Indiana Environmental Management Board	Anderson, C., Westinghouse Electric Corporation	Letter: EMB's Comments on the December 1985 Well Water User Survey Around Four PCB Contam- inated Sites Report	2
43	03/25/86	Ecology and Environment, Inc.	U.S. EPA	Final Report on the Bennett's Quarry Dioxin Sampling	25
44	04/02/86	Anderson, C., Westinghouse Electric Corporation	Pickard, R., Indiana Environmental Management Board	Letter re: Results of Investigation Concerning the Well Water User Survey at Bennett's Dump, Lemon Lane and Winston Thomas Facility	3
45	08/00/86	Blasland & Bouck Engineers, P.C.	U.S. EPA	Supplemental Hydro- geologic Investigation Plan for the Winston Thomas Facility and Bennett's Dump	120
46	01/00/87	Blasland & Bouck Engineers, P.C.	Westinghouse Electric Corporation	Phase I Progress Report: Winston Thomas Facility and Bennett's Dump	301
47	01/20/87	Anderson, C., Westinghouse Electric Corporation	Menefee, D., IDEM	Letter: WEC's Request for State Approval of the (1) Supplemental Hydrologic Investigation Plans for Winston Thomas and Bennett's Dump and (2) On-Site Groundwater Monitoring Plan for the Neal's Dump Site	2
48	03/25/87	Maloley, N., IDEM	Anderson, C., Westinghouse Electric Corporation	Letter: IDEM's Approval of the Supplemental Hydrogeologic Investi- gation Plans for the Winston Thomas Facility, Bennett's Dump, and Lemon Lane	1
49	10/13/87	Blank, J., U.S. EPA	File	Conversation Record w/ M. Harrison (INPIRG) re: Various Issues at the Bennett's Quarry Site	1
50	00/00/88	U.S. EPA	File	Graphs/Tables re: (1) Subsurface Logs and (2) Water Levels for the Bennett's Dump Site	5
v.3 51	05/12/88	Anderson, C., Westinghouse Electric Corporation	U.S. EPA	Data Transmittal for the Winston Thomas Facility and Bennett's Dump w/ Cover Letter	241

<u>NO.</u>	<u>DATE</u>	<u>AUTHOR</u>	<u>RECIPIENT</u>	<u>TITLE/DESCRIPTION</u>	<u>PAGES</u>
52	08/00/88	Westinghouse Environmental Services; et al.	U.S. EPA	Report: Quarterly Ground Water Sampling Results for Quarterly Sampling Events 1 and 2 of 4 (March 8-10 and June 6-9, 1988) for the Bennett's Dump/Winston Thomas Facility Supplemental Hydrogeologic Investigation	16
53	10/00/88	Westinghouse Environmental Services; et al.	U.S. EPA	Report: Quarterly Ground Water Sampling Results for Quarterly Sampling Event 3 and 4 (September 5-8, 1988) for the Bennett's Dump/Winston Thomas Facility Supplemental Hydrogeologic Investigation	94
54	01/00/89	Westinghouse Environmental Services, et al.	U.S. EPA	Report: Quarterly Ground Water Sampling Results for Quarterly Sampling Event 4 of 4 (December 5-7, 1988) for the Bennett's Dump/Winston Thomas Facility Supplemental Hydrogeologic Investigation	86
55	04/00/89	Westinghouse Environmental Services; et al.	U.S. EPA	Offsite Ground Water Monitoring Plan: Tier 1 for the Bennett's Dump Site	103
56	05/00/89	Westinghouse Environmental Services, et al.	U.S. EPA	Onsite Ground Water Monitoring Plan for the Bennett's Dump Site	97
V.4 57	02/19/91	Ecology and Environment, Inc.	U.S. EPA	Site Assessment Report for the Bloomington PCB Sites	188
58	08/09/91	McCann, M., General Electric Corporation	Hopkins, D., U.S. EPA	Letter Forwarding (1) Sediment Sample Results for Stouts Creek, Clear Creek and Richland Creek and (2) Water Sample Results for Stouts Creek	94
59	11/19/91	Stimple, B., Ecology and Environment, Inc.	Hopkins, D., U.S. EPA	Memorandum re: Soil Sampling Results from Entrance to Bennett's Quarry	4
60	00/00/92	U.S. EPA	File	Tables: (1) Results of Monitoring Well Sampling and (2) Results of Spring Sampling	2

<u>NO.</u>	<u>DATE</u>	<u>AUTHOR</u>	<u>RECIPIENT</u>	<u>TITLE/DESCRIPTION</u>	<u>PAGES</u>
61	05/11/92	U.S. EPA	File	Table: PCB Results for Soil Samples Collected May 11, 1992 at the Bennett's Dump Site	1
62	06/08/92	Pace Incorporated	Tetra Tech, Inc.	Report of Laboratory Analysis re: PCBs at the Bennett's Dump Site	219
63	01/07/93	Metcalf & Eddy, Inc.	U.S. EPA	Report: <i>Field Activities and Analytical Results for Soil Samples Collected May 11, 1992 at Satellite Site to Bennett's Dump and Quarry</i>	41
64	03/07/96	Aten, R., EARTH TECH	Bloomington Resident	Letter re: Analytical Results of December 5, 1995 Residential Well Water Sample	4
65	10/31/96	EARTH TECH	Indiana Department of Transportation	Final Report: <i>Inventory of Karst Features and a Discussion of Potential Karst-Related Environmental Consequences of State Road 46 Roadway and Interchange Construction</i>	25
66	03/04/98	CBS Corporation/ McLaren/Hart-ChemRisk	U.S. EPA	<i>Bennett's Dump Stream Investigation Field Sampling Plan (QAPjP-Volume X)</i>	28
67	06/29/98	Alke, D., CBS Corporation	Distribution List	Memorandum: Preliminary Data for Sampling Performed for the <i>Bennett's Dump Stream Investigation Field Sampling Plan</i>	6
68	08/17/98	Clark, J., U.S. EPA	Alcamo, T., U.S. EPA	Memorandum re: PCB Cleanup Levels for Neal's Dump and Bennett's Dump Sites	2
69	08/19/98	Alcamo, T., U.S. EPA	File	Memorandum: Alternatives and Cost Analysis for the Bennett's Dump Site	9
70	08/19/98	Alcamo, T., U.S. EPA	File	Memorandum re: List of Applicable or Relevant and Appropriate Requirements for Neal's Dump and Bennett's Dump Sites	5
71	08/21/98	U.S. EPA	Public	<i>Proposed Plan</i> for the Neal's Dump and Bennett's Dump Sites	11

<u>NO.</u>	<u>DATE</u>	<u>AUTHOR</u>	<u>RECIPIENT</u>	<u>TITLE/DESCRIPTION</u>	<u>PAGES</u>
72	08/21/98	U.S. EPA	Public	Public Notice: Announcement of a Record of Decision Amendment to the Enforcement Decision Document for the Bennett's and Neal's Dump Sites (DRAFT)	2