

Aug. 14, 1990

RECORD OF DECISION

SELECTED REMEDIAL ALTERNATIVE
FOR THE

ONALASKA MUNICIPAL LANDFILL SITE
LACROSSE COUNTY, WISCONSIN

Statement of Basis and Purpose

This decision document presents the selected remedial action for the Onalaska Municipal Landfill Site, LaCrosse County, Wisconsin, which was chosen in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended by the Superfund Amendments and Reauthorization Act of 1986 (CERCLA), and, to the extent practicable, the National Contingency Plan (NCP). This decision is based on the administrative record for this site. (The attached index identifies the items that comprise the administrative record upon which the selection of the remedial action is based.)

Assessment of the Site

Actual or threatened releases of hazardous substances from this site, if not addressed by implementing the response action in this Record of Decision, may present an imminent and substantial endangerment to public health, welfare, or the environment.

Description of the Selected Remedy

The selected remedy is a final remedy, and it uses treatment to address the principal threats at the site - the ground-water contaminant plume and a major source of ground-water contamination (the naphtha-contaminated soils). The selected remedy also addresses the long-term, low-level threat posed by the landfill contents and consists of the following components:

- Extraction and treatment of the ground-water contaminant plume to meet Federal drinking-water standards and State ground-water quality standards. The treated water shall be discharged into the adjacent Black River in compliance with the substantive requirements of the Wisconsin Pollutant Discharge Elimination System (WPDES);
- Reconstruction of the landfill cover (cap) in compliance with Chapter NR 504.07, Wisconsin Administrative Code (WAC) landfill closure requirements;
- Implementation of enhanced, in situ bioremediation in the naphtha-

contaminated soils and, if feasible, within a portion of the landfill debris. The estimated target cleanup goal for bioremediation is 80-95 percent reduction of the mass of organic contaminants. A treatability study and a pilot-scale test will be performed to determine the Soil Cleanup Standard for bioremediation;

- Periodic monitoring of the ground-water contaminant plume;
- Imposition of deed restrictions limiting surface and ground-water use at the site; and,
- Continued reliance on State institutional controls governing ground-water use within the proximity of landfills and the development of landfills.

Statutory Determinations

The selected remedy is protective of human health and the environment, complies with Federal and State requirements that are legally applicable or relevant and appropriate to the remedial action, and is cost-effective. This remedy utilizes permanent solutions and alternative treatment technology, to the maximum extent practicable, and satisfies the statutory preference for remedies that employ treatment that reduces toxicity, mobility, or volume as a principal element.

Because this remedy will result in hazardous substances remaining on-site above health-based levels, a review will be conducted within five years after commencement of the remedial action to ensure that the remedy continues to provide adequate protection of human health and the environment.

State Concurrence

The State of Wisconsin concurs with the selected remedy. The Letter of Concurrence is attached to this Record of Decision.



Valdas V. Adamkus
Regional Administrator

8/14/90

Date

ADMINISTRATIVE RECORD INDEX
ONALASKA MUNICIPAL LANDFILL
ONALASKA, WISCONSIN

FICHE/FRAME	PAGES	DATE	TITLE	AUTHOR	RECIPIENT	DOCUMENT TYPE	DOCNUMBER
2	00/00/00		Letter requesting the state of Wisconsin to provide site specific ARARs by June 15, 1989	B. Constantelos, USEPA	P. Didier, WDNR	Correspondence	1
3	75/07/23		Letter re: Note stating acceptance of industrial chemicals and acids from a manufacturing plant nearby with landfill application attached	J. Miller, WDNR	C. Pierce, Onalaska Chairman	Correspondence	2
3	75/09/12		In response to letter dated 8/14/75 re: waste with "Waste Review Form" attached	R. Berry, Outers Lab., Inc.	J. Miller, WDNR	Correspondence	3
3	79/05/01		Letter re: information regarding the soil analyses performed on potential sources of final cover material for Onalaska Landfill	R. Cooley, Warzyn Engineering	G. Mitchell, WDNR	Correspondence	4
1	80/11/19		Letter re: approval of two feet of clay soil as final cover for the landfill, rather than one foot of clay plus one foot of sand soil	J. Boettcher, WDNR	C. Pedretti, Town Chairman	Correspondence	5
14	87/03/30		Letter re: Request for Information Pursuant to Section 104(e) of CERCLA and Section 3007 of RCRA, for Onalaska Municipal Landfill in Onalaska, WI	B. Constantelos, USEPA	Town of Campbell	Correspondence	6
8	87/04/28		Letter re: Request for Information Onalaska Municipal Landfill	R. Torrito, Continental Can Company, Inc.	J. Haff, USEPA	Correspondence	7
22	87/07/10		Responses of Metallics,	M. Ehrsam, Moen, Sheenan,	M. Hay, USEPA	Correspondence	8

ADMINISTRATIVE RECORD INDEX
ONALASKA MUNICIPAL LANDFILL
ONALASKA, WISCONSIN

FICHE/FRAME	PAGES	DATE	TITLE	AUTHOR	RECIPIENT	DOCUMENT TYPE	DOCNUMBER
			Inc. to the Request for information of EPA with cover letter attached	et.al.			
17	88/07/21		Sampling Summary Sheets (Analytical Reports)	National Environmental Testing, Inc.	Roy F. Weston/USEPA	Correspondence	9
12	88/09/26		Letter re:Site Assessment, with photographs attached	S.Springer,Weston-Sper	S.Faryan,USEPA	Correspondence	10
3	88/10/10		Letter re:USEPA Access to W8582 CTH Z Property, with Consent for Access to Property Form Attached	P.Andrews,USEPA	P.Smith	Correspondence	11
3	88/10/17		Letter re:USEPA Access to W8582 CTH Z Property, with Consent for Access to Property Form Attached	P.Andrews,USEPA	B.P.Conservation Club	Correspondence	12
3	88/10/20		Letter re:USEPA Access to W8672 CTH Z Property, with Consent for Access to Property Form Attached	P.Andrews,USEPA	R.Hubley	Correspondence	13
3	88/10/20		Letter re:USEPA Access to W8647 Sportsman Club, with Consent for Access to Property Form Attached	P.Andrews,USEPA	R.Ackerman	Correspondence	14
3	88/10/20		Letter re:USEPA Access to W8625 Sportsman Club, with Consent for Access to Property Form attached	P.Andrews,USEPA	C.Russel	Correspondence	15
4	89/03/13		Letter re:USEPA Access to property adjacent to Onalaska	P.Andrews,USEPA	E.Pedretti	Correspondence	16
21	89/03/28		Transmittal letter	P.Smith,CH2M Hill	K.Adler,USEPA	Correspondence	17

ADMINISTRATIVE RECORD INDEX
ONALASKA MUNICIPAL LANDFILL
ONALASKA, WISCONSIN

FICHE/FRAME	PAGES	DATE	TITLE	AUTHOR	RECIPIENT	DOCUMENT TYPE	DOCNUMBER
			with Draft Geophysical Survey Technical Memo				
2	89/04/07		104(e) Request for Information	H.Gade, USEPA		Correspondence	18
36	89/04/07		Letters re: Request for Information Pursuant to Section 104(e) of CERCLA and Section 3007 of RCRA, for Onalaska Municipal Landfill, Onalaska, WI	H.Gade, USEPA	Omark Industries	Correspondence	19
1	89/04/28		Letter confirming extension granted by EPA to respond to request for information	K.Euclide, Atty. for Omark Industries	P.Andrews, USEPA	Correspondence	20
18	89/06/07		Transmittal letter, with various letters to residents re: residential well sampling, stating that water is safe to consume	K.Adler, USEPA	R.Schmidt, WDNR	Correspondence	21
24	89/08/31		Letters to PRPs (Trempealeau Electric, Continental Can Co., Heileman's Brewing Co., L.B.White Co.) re: Request for Information Pursuant to Section 104 of CERCLA	P.Andrews, USEPA	Various PRPs	Correspondence	22
3	89/10/03		Letter responding to 9/6/89 letter requesting information	W.Quinlisk, L.B.White Co.	P.Andrews, USEPA	Correspondence	23
2	89/10/12		Letter to resident re: well samples, advising that well not be used for drinking water purposes	K.Adler, USEPA	Ackerman Residence	Correspondence	24
18	89/10/13		General Notice Letter (with attachment)	N.Niedergang, USEPA	Chairman, Town of Onalaska	Correspondence	25

ADMINISTRATIVE RECORD INDEX
ONALASKA MUNICIPAL LANDFILL
ONALASKA, WISCONSIN

FICHE/FRA	PAGES	DATE	TITLE	AUTHOR	RECIPIENT	DOCUMENT TYPE	DOCNUMBER
1		89/10/19	Letter notifying US DOI of USEPA's intent to enter into negotiations with PRPs concerning site remediation; stating that RI/FS began in April, 1988; preliminary meeting with PRPs is scheduled for 12/7/89	K.Adler,USEPA	S.Huff,US DOI	Correspondence	26
1		89/10/25	Letter giving notice that Town of Onalaska wishes to negotiate a resolution of its potential responsibility; wants to be involved with response activities	D.Dunn, Atty.	K.Adler/P.Andrews-US EPA	Correspondence	27
1		89/12/11	Letter stating that conducting a preliminary natural resources survey would be appropriate for soliciting review of the site; recommending remediation include groundwater treatment	J.Smith,US DOI	K.Adler,USEPA	Correspondence	28
1		90/02/12	Letter re:Warzyn Engineering's review of the RI/FS, stating that until review is complete, the Town will not be in a position to determine feasibility of performing the chosen remedy	J.Watson-Gardner, Carton & Douglas	P.Andrews,USEPA	Correspondence	29
9		78/06/27	Memo re:Standard Hydrogeologic Review for Onalaska Sanitary Landfill	D.Voight,WDNR	B.Glebs,WDNR	Memorandum	30
5		83/06/08	Transmittal memo with Preliminary Assessment	F.Pachowicz, ecology and environment	File/USEPA Region V	Memorandum	31

ADMINISTRATIVE RECORD INDEX
ONALASKA MUNICIPAL LANDFILL
ONALASKA, WISCONSIN

FICHE/FRAME	PAGES	DATE	TITLE	AUTHOR	RECIPIENT	DOCUMENT TYPE	DOCNUMBER
2		89/02/22	Action Memorandum: Authorization to Fully Fund the RI/FS at the site	B.Constantelos, USEPA	V.Adamskus, USEPA	Memorandum	32
20		89/03/27	Action Memorandum re: Authorization for Initial Funding for the RI/FS, with RI/FS Statement of Work and Community Relations Statement of Work Attached	B.Constantelos, USEPA	V.Adamskus, USEPA	Memorandum	33
1		89/03/30	Memo re: 3/27/89 site visit, stating quality of work at site is good, as well as inter- pretations of data collection	R.Schmidt, WDNR	D.Lundberg, WDNR	Memorandum	34
1		89/04/18	Memo re: Review (and Comments) on Onalaska Draft Geophysical Survey Technical Memo	H.Vendl, USEPA	K.Adler, USEPA	Memorandum	35
2		89/04/27	Memo re: Audit of CH2M Hill's Close Support Laboratory, to evaluate methodology used for Onalaska	C.Ross, USEPA	N.Niedergang, USEPA	Memorandum	36
2		89/05/05	Memo re: Residential Well Sample Results	P.Smith, CH2M Hill	USEPA	Memorandum	37
1		89/05/30	Memo re: Onalaska Residential Well Samples, stating that none of the conta- minants exceed the primary drinking water standards, but two do exceed secondary levels (iron and manganese)	D.Jordan-Izaguirre, ATSDR	K.Adler, USEPA	Memorandum	38
2		89/11/29	Action Memorandum re: Supplemental Funding for RI/FS	K.Adler, USEPA	Official File	Memorandum	39

ADMINISTRATIVE RECORD INDEX
ONALASKA MUNICIPAL LANDFILL
ONALASKA, WISCONSIN

FICHE/FRAME	PAGES	DATE	TITLE	AUTHOR	RECIPIENT	DOCUMENT TYPE	DOCNUMBER
3		89/12/26	Transmittal memo with estimated capital costs for the proposed alternative	P. Smith, CH2M Hill	K. Adler, USEPA	Memorandum	40
1		90/01/10	Memo re: Onalaska Landfill, Wisconsin RCRA Final Cover Requirements	K. Bremer, Chief RCRA Permitting Branch	M. Tyson, USEPA	Memorandum	41
2		90/02/08	Memo re: Onalaska 1/31/90 update meeting trip report	S. Pastor, USEPA Community Relations	File	Memorandum	42
4		90/02/23	Memo re: Organizational Meeting with Onalaska PRPs on 12/7/89 in LaCrosse, WI	P. Andrews, USEPA	File	Memorandum	43
1		89/05/16	Article: "Former Dump Site Should Be Fenced Off: Report"	Tribune Environment Reporter		Newspaper Article	44
16		00/00/00	Onalaska Municipal Landfill, Onalaska WI, Information Requests Questions of Outers Lab., Inc. with Affidavit attached	Outers Lab., Inc.	USEPA	Other	45
9		00/00/00	Onalaska Municipal Landfill Information Requests Instructions	N. Justus, USEPA	Outers Lab., Inc.	Other	46
15		89/06/12	Information Requests Questions (and Answers) of Outers Laboratories, with Affidavits attached	USEPA	Outers Laboratories, Inc.	Other	47
44		00/00/00	In-Field Conditions Report; Town of Onalaska Sanitary Landfill	Warzyn Engineering	WDNR/USEPA	Reports/Studies	48
6		77/07/21	Reports of the waste material being dumped into the Town landfill	M. Hagel, Clerk for Town of Onalaska	J. Miller, WDNR	Reports/Studies	49

ADMINISTRATIVE RECORD INDEX
ONALASKA MUNICIPAL LANDFILL
ONALASKA, WISCONSIN

FICHE/FRAME	PAGES	DATE	TITLE	AUTHOR	RECIPIENT	DOCUMENT TYPE	DOCNUMBER
			by Bill's Pumping Service with cover letter attached				
39		87/06/10	Report on the Town of Onalaska landfill site area with cover letter attached	C. Pedretti, Town of Onalaska, Chairman	N. Justus, USEPA	Reports/Studies	50
149		88/09/02	RI/FS Final Work Plan	CH2M Hill	USEPA	Reports/Studies	51
23		88/10/24	Community Relations Plan	CH2M Hill	USEPA	Reports/Studies	52
9		88/12/29	Preliminary Health Assessment	ATSDR	USEPA	Reports/Studies	53
357		89/01/12	Quality Assurance Project Plan for the RI/FS	CH2M Hill	USEPA	Reports/Studies	54
4		89/04/12	Preliminary Health Assessment (12/29/88)	Wisconsin Division of Health	ATSDR	Reports/Studies	55
242		89/12/00	Public Comment Feasibility Study Report	CH2M Hill	USEPA	Reports/Studies	56
181		89/12/22	RI Report Volume I	CH2M Hill	USEPA	Reports/Studies	57
408		89/12/22	RI Report Volume II	CH2M Hill	USEPA	Reports/Studies	58

02/25/90

GUIDANCE DOCUMENTS INDEX

ALASKA, WISCONSIN

Guidance Documents are available for review at
USEPA Region V-Chicago IL

TITLE	AUTHOR	DATE
Superfund Public Health Evaluation Manual	OSWER #9285.4-1	86/10/01
Superfund Federal-Lead Remedial Project Management Handbook	OSWER #9355.1-1	86/12/01
Interim Guidance on Superfund Selection of Remedy	OSWER #9355.0-19	86/12/24
Data Quality Objectives for Remedial Response Activities: Development Process	OSWER #9355.0-7B	87/03/01
Quality Criteria for Water 1986	USEPA-Office of Water Regulations	87/05/01
Guidelines and Specifications for Preparing Quality Assurance Program Documentation	USEPA-QA Management Staff	87/06/01
RI/FS Improvements	OSWER #9355.0-20	87/07/23
Remedial Action Costing Procedures Manual	USEPA	87/10/01
Guidance for Conducting Remedial Investigations and Feasibility Studies under CERCLA (interim final guidance for the work plan)	OSWER #9355.3-01	88/04/00
Superfund Exposure Assessment Manual	OSWER #9285.5-1	88/04/01
RI/FS Improvements Follow-up	OSWER #9355.3-05	88/04/25
Community Relations in Superfund: A Handbook	OSWER #9230.0-038	88/06/01

GUIDANCE DOCUMENTS INDEX
ONALASKA, WISCONSIN
Guidance Documents are available for review at
USEPA Region V-Chicago IL

TITLE	AUTHOR	DATE
CERCLA Compliance with Other Laws Manual	OSWER #9234.1-01	88/08/08

ADMINISTRATIVE RECORD SAMPLING/DATA INDEX
ONALASKA MUNICIPAL LANDFILL, WI
DOCUMENTS NOT COPIED, MAY BE REVIEWED AT THE
USEPA REGION V OFFICES, CHICAGO, ILLINOIS.

DATE	TITLE	AUTHOR	RECIPIENT	DOCUMENT TYPE
89/00/00	Raw Data Package for Sampling at the Site from April-August, 1989 (Review of Region V CLP Data; Chemical Analysis Data Sheets; Inorganic Analysis Data Sheets; Analytical Report; Pesticide Organics Analysis Data Sheets)	CH2M Hill	USEPA	Sampling/Data
89/04/12	Various Volatile Organics Analysis Data Sheets and Sample Reports for March, 1989	USEPA-Central Regional Laboratory	Data Users	Sampling/Data
89/04/27	Transmittal memo with various organic compound analyses for residential well sampling	CH2M Hill	USEPA	Sampling/Data

USEPA ADMINISTRATIVE RECORD INDEX - UPDATE #1
ONALASKA MUNICIPAL LANDFILL
ONALASKA, WISCONSIN

FICHE/FRAME	PAGES	DATE	TITLE	AUTHOR	RECIPIENT	DOCUMENT TYPE	DOCNUMBER
1		90/03/07	Letter re: Concerned resident disagrees with the proposed cleanup plan for Onalaska site	J.Fitzpatrick	S.Pastor-USEPA	Correspondence	1
1		90/03/17	Letter re: The Town of Onalaska on behalf of the PRP coalition requests that the public comment period for the Feasibility Study be extended to May 4, 1990	J.Watson-Gardner, Carton & Douglas	P.Andrews-USEPA	Correspondence	2
1		90/03/27	Letter re: Due to requests of the community, U.S.EPA is extending its commit period through May 4, 1990	K.Adler-USEPA	S.Pastor-USEPA	Correspondence	3
1		90/03/30	Letter re: Writing to state some serious concerns pertaining to EPA's Feasibility Study and Proposed Plan addressing contamination at the Onalaska, WI	B.Rude-State Senator	S.Pastor-USEPA	Correspondence	4
1		90/04/01	Letter re: The Board of Directors of the Holmen Area Civic and Commerce Association discussed the problems and solutions presented by the Onalaska Site	K.Spreuer-Holmen Area Civic & Commerce Assn., Inc.	S.Pastor-USEPA	Correspondence	5
3		90/04/02	Letter forwarding copies of letters received in the public comment period for the Onalaska Health Assessment	J.Hayward-State of WI\Dept. of Health and Social Services	S.Pastor-USEPA	Correspondence	6
1		90/04/24	Letter re: Concerned resident wishes to	S.Paar	S.Pastor-USEPA	Correspondence	7

USEPA ADMINISTRATIVE RECORD INDEX - UPDATE #1
ONALASKA MUNICIPAL LANDFILL
ONALASKA, WISCONSIN

FICHE/FRAME	PAGES	DATE	TITLE	AUTHOR	RECIPIENT	DOCUMENT TYPE	DOCNUMBER
			express his opinion on the EPA solution to the Onalaska site; agrees that buying and restricting the landsite is a good alternative				
6		90/04/28	Letter re: Public Comment Statement concerning the Onalaska Municipal Landfill Superfund Site, with conclusions regarding the EPA Proposed Plan for Remediation	S.Heidel	Concerned Party	Correspondence	8
1		90/04/28	Letter re: Concerned resident expresses his concerns about the Town of Onalaska Landfill	C.Pierce	S.Pastor-USEPA	Correspondence	9
1		90/04/30	Letter re: LaCrosse County Conservation Alliance comments on the proposed plan for remedial action for the Onalaska Municipal Landfill Superfund Site	H.Meinking-LaCrosse County Conservation Alliance	S.Pastor-USEPA	Correspondence	10
2		90/04/30	Letter re: Concerned that the recommended actions for the Onalaska site are exceeding further than is necessary to protect human health and the environment, with the reasons listed	S.Gunderson-Congress of the U.S., House of Reps.	S.Pastor-USEPA	Correspondence	11
2		90/05/01	Letter re: Residents concerned with possible contamination of the surrounding ground waters and the wetlands	F.Funk-Frederick R. Funk	S.Pastor-USEPA	Correspondence	12
4		90/05/02	Letter re: Comments on Proposed Cleanup	D.Dale, Pres.-Metallics, Inc.	Adler-USEPA, Schmidt- WDNR	Correspondence	13

USEPA ADMINISTRATIVE RECORD INDEX - UPDATE #1
ONALASKA MUNICIPAL LANDFILL
ONALASKA, WISCONSIN

FICHE/FRAME	PAGES	DATE	TITLE	AUTHOR	RECIPIENT	DOCUMENT TYPE	DOCNUMBER
			of Onalaska Landfill				
2		90/05/02	Letter re: Concerned resident writing about the town of Onalaska dump	J.Donovan-Concerned Resident	S.Pastor-USEPA	Correspondence	14
2		90/05/03	Letter re: Comments by Blount, Inc./Omark regarding the RI/FS for Onalaska, WI Municipal Landfill	M.Sheldon-Blount, Inc.	Adler-USEPA, Schmidt-WDNR	Correspondence	15
2		90/05/03	Letter re: Concerned residents express their unequivocal disapproval of the U.S.EPA's proposed plan 5GW for remedial action at the Onalaska Municipal Landfill	W.Viehl & M.Viehl	S.Pastor-USEPA	Correspondence	16
7		90/05/03	Letter re: Town of Onalaska - Comment on Proposed Plan for Remedial Action at the Onalaska Municipal Superfund Site	C.Pedretti-Chairman, Town of Onalaska	Schmidt-WDNR, Adler-USEPA	Correspondence	17
28		90/05/04	Letter re: Warzyn Engineering Inc. reviewed the draft RI/FS and proposal plan and are submitting the following comments for the Onalaska Municipal Landfill site	G.Asbury-Warzyn Engr.	Adler-USEPA, Schmidt-WDNR	Correspondence	18
2		90/02/08	Memo re: Onalaska 1/31/90 update meeting trip report	S.Pastor-USEPA	File thru F.Lesser	Memorandum	19
4		90/02/23	Memo re: Organizational Meeting with Onalaska PRPs on December 7, 1989, in LaCrosse, WI	P.Andrews-USEPA	File	Memorandum	20
1		00/00/00	Concerned residents' comments on the cleanup alternatives	G.Fletcher-Concerned resident	S.Pastor-USEPA	Other	21

USEPA ADMINISTRATIVE RECORD INDEX - UPDATE #1
ONALASKA MUNICIPAL LANDFILL
ONALASKA, WISCONSIN

FICHE/FRAME	PAGES	DATE	TITLE	AUTHOR	RECIPIENT	DOCUMENT TYPE	DOCNUMBER
			and Proposed Plan for a final cleanup remedy for the Onalaska site				
6	00/00/00		Concerned residents' comments on the cleanup alternatives and Proposed Plan for a final cleanup remedy for the Onalaska site	Concerned Residents	S.Pastor-USEPA	Other	22
14	90/03/04		Concerned residents' comments on the cleanup alternatives and Proposed Plan for a final cleanup remedy for the Onalaska site	Concerned Residents	S.Pastor-USEPA	Other	23
3	90/03/14		Concerned residents' comments on the cleanup alternatives and Proposed Plan for a final cleanup remedy for Onalaska site	Concerned Residents	S.Pastor-USEPA	Other	24
133	90/03/14		Transcript of the Public Hearing for Onalaska Municipal Landfill Superfund Site regarding the Proposed Plan for Remedial Action	T.Johnson-Court Reporter	USEPA	Other	25
1	90/04/11		Concerned resident's comments on the cleanup alternatives and Proposed Plan for a final cleanup remedy for the Onalaska site	F.Carrur	S.Pastor-USEPA	Other	26

ADMINISTRATIVE RECORD INDEX
ONALASKA MUNICIPAL LANDFILL - UPDATE #2
ONALASKA, WISCONSIN

ICHE/FRAME	PAGES	DATE	TITLE	AUTHOR	RECIPIENT	DOCUMENT TYPE	DOCNUMBER
1	90/06/06		Letter confirming a request to delay Record of Decision on Onalaska Wisconsin Landfill until June 29th.	Gunderson, S.	Adamkus, V.	correspondence	1
1	90/06/08		Conversation record: Response to ORAC - 154 requesting VVA postpone ROD Decision on Onalaska until June 29, 1990	M. Canavan-Congressional Liaison	Kennedy, D.	phone records	2



State of Wisconsin

DEPARTMENT OF NATURAL RESOURCES

Carroll D. Besadny
Secretary
Box 7921

Madison, Wisconsin 53707

May 31, 1990

IN REPLY REFER TO: 4440

O: WMD
CC: RF
FREEMAN

Mr. Valdas Adamkus, Regional Administrator
U.S. Environmental Protection Agency
Region V
230 South Dearborn Street
Chicago, IL 60604

SUBJECT: Selected Superfund Remedy
Onalaska Landfill Superfund Site
Onalaska, Wisconsin

Dear Mr. Adamkus:

The purpose of this letter is to inform you that our Agency concurs with the proposed final remedy for the Onalaska Landfill Superfund site. The proposed final remedy, identified as Alternatives 3LF and 5GW, as described in the Record of Decision includes:

- 1) Bioremediation of naptha contaminated vadose zone soils in the southwest portion of the site;
- 2) Groundwater remediation via pump and treat for the purposes of groundwater restoration and discharge of the treated groundwater to the Black River; and
- 3) Capping the landfill site with a multimedia cap and gas venting system, in accordance with current State specifications.

The costs of the selected remedy are estimated to be

Capitol Costs - 1) and 2): \$3,600,000
3): \$1,500,000

Operation Costs - 1) and 2): \$150,000
3): \$14,000

We understand that your staff and contractors, or the potentially responsible parties will develop the major design elements of the bioremediation and

RECEIVED

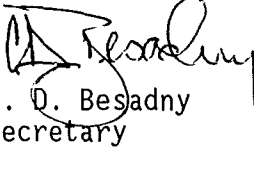
JUN 06 1990

U. S. EPA REGION 5
OFFICE OF REGIONAL ADMINISTRATOR

groundwater pump and treat system in close consultation with my staff during the predesign and design phases of the project. We also understand that if the potentially responsible parties do not agree to fund the remedy, the State of Wisconsin will contribute 50% of the remedial action costs. In addition to cost sharing on the remedy, we acknowledge our responsibility for operation and maintenance of this system after the initial 10 year operation and maintenance period, as required by the Superfund law. We note that at the conclusion of the bioremediation, the State wishes to enter into a cooperative agreement with your Agency to implement the cap design and construction for this site as a State-lead action.

As always, thank you for your support and cooperation in addressing the contamination problem at this site. If you have any questions regarding this matter, please contact Mr. Paul P. Didier, Director of the Bureau of Solid and Hazardous Waste Management at (608) 266-1327.

Sincerely,


C. D. Besadny
Secretary

CDB:RS

cc: Lyman Wible - AD/5
Paul Didier - SW/3
Mark Giesfeldt - SW/3
Sue Bangert - SW/3
Don Winter - WD
Dave Lundberg - WD
Rene Sanford - FN/1
Norm Niedergang - EPA Region V
Kevin Adler - EPA Region V
Mary Pat Tyson - EPA Region V
Jon Dikinis - EPA Region V