



SHIELDALLOY METALLURGICAL CORPORATION

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July 10, 1996

Olen Ackman
Ohio Environmental Protection Agency
Division of Emergency and Remedial Response
Southeast District Office
2195 Front Street
Logan, Ohio 43138

Subject: Shieldalloy Metallurgical Corporation, Cambridge, Ohio
Remedial Investigation/Feasibility Study
Monthly Progress Report No. 12
PTI No. CA38-11-01

Dear Olen:

Attached please find Monthly Progress Report No. 12 for the period June 1996 for the Shieldalloy Metallurgical Corporation site RI/FS. Please call me at (609) 692-4200 if you have any questions or comments concerning this report.

Cordially,

James P. Valenti
Environmental Manager

Attachment

cc: Peter Whitehouse, OEPA
James Kennedy, USNRC

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PDR ADOCK 04008948
C PDR

ALIO/

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REC'D. NMS/Dwm

**SHIELDALLOY METALLURGICAL CORPORATION
CAMBRIDGE, OHIO
CONSENT ORDER FOR PRELIMINARY
INJUNCTION - JULY 11, 1995
PROGRESS REPORT NO. 12 - JUNE 1996**

This progress report is being submitted to the Ohio Environmental Protection Agency (OEPA) in accordance with Section XII, paragraph 31 of the consent order for preliminary injunction (COPI) between OEPA, Shieldalloy Metallurgical Corporation (SMC), and Cyprus Foote Mineral Company. The COPI was filed in the Court of Common Pleas in Guernsey County, Ohio on July 11, 1995.

A. SITE AND ACTIVITY

This progress report is for the remedial investigation/feasibility study (RI/FS) for the SMC site in Cambridge, Ohio.

B. WORK STATUS

Progress Made During the Reporting Period

The following activities were completed during the reporting period:

- Prepared the monthly progress report for May 1995;
- Continued weekly teleconference discussions with OEPA and U.S. Nuclear Regulatory Commission (NRC);
- Prepared revised Chapters 2, 4, and 6 and Appendices G and H of the feasibility study;
- Provided comments on amphibian sampling approach prior to OEPA survey;
- Participated in survey of amphibians conducted by OEPA;
- Prepared tabulation of results of OEPA survey of amphibians from field notes recorded by Jim Valenti and initiated analysis;

- Prepared letter documenting deviations from the work plan for the maintenance shop area that had been approved by OEPA in the field;
- Prepared responses to radiological data quality evaluation issues raised by Ohio Department of Health and Ohio Attorney General's office;
- Initiated preparation of radiological data packages for submittal to ODH; and
- Continued preparation of Final RI/FS report.

Schedule/Percent Complete

It is estimated that at the end of the reporting period, approximately 97% of the planned work had been performed.

Deliverables Submitted

The following deliverables were submitted to OEPA during the reporting period:

- June 11, *Revised Chapters 2, 4, and 6 and Appendices G and H of the feasibility study*
- June 12, *SMC RI/FS Monthly Progress Report No. 11 - May 1996;*
- June 26, *Response to Comments on Radiological Data Validation*
- June 26, *Changes to the Work Plan for the Maintenance Shop Area*

Data Generated

During the reporting period, data was received from the maintenance shop investigation. Preliminary draft data was provided to the agency as it became available. In addition, SMC radiological data packages were prepared and transmitted to Ohio Department of Health and the Ohio Attorney General's contractor, SAIC on July 2.

C. DIFFICULTIES ENCOUNTERED DURING THE REPORTING PERIOD

The following issues were raised during the reporting period:

- The schedule for completing the Final RI/FS has been delayed to allow adequate time for response to agency comments and for agency review of all interim deliverables.

D. ACTIVITIES PLANNED FOR THE NEXT REPORTING PERIOD

The following activities are anticipated for the next reporting period (June 1996):

- Continue weekly teleconference discussions (ongoing);
- Continue to respond to requests for information (ongoing);
- Submit June 1996 progress report (due July 10);
- Continue implementation of maintenance shop work plan;
- Discuss Natural Resource Damage issues; and
- Continue preparation of Final RI/FS report

E. KEY PERSONNEL CHANGES

No personnel changes occurred during the reporting period.

F. TARGET COMPLETION DATES

Updated target completion dates are presented on the attached deliverable schedule.

G. EXPLANATION OF DEVIATIONS FROM SCHEDULES

The schedule for completing the Final RI/FS has been delayed to allow adequate time for response to agency comments and for agency review of all interim deliverables.

June 30, 1996

Revised Schedule for SMC Deliverables

Deliverable	Client			Agency			Agency Comments Expected
	Date	Via	Completed	Date	Via	Completed	Date ^a
Response to groundwater comments	10/23	Fax	Yes	10/25	Fed Ex	Yes	
RI Sections 1-5; red line/strikeout	10/20	Fed Ex	Yes	10/27	Fed Ex	Yes	12/6/95 (received 12/29)
Draft Phase II ecorisk, supplement to RI/FS	11/3	Fed Ex	Yes	11/17	Fed Ex	Yes	1/10/96 (received 1/30/96) (47 days)
RI Section 7; red line / strikeout for consistency with Phase II	11/15	Fed Ex	Yes	11/17	Fed Ex	Yes	1/10/96 (received 1/30/96) (47 days)
RI groundwater sections; red line/strikeout. Aquifer test results (draft appendix)	12/4	Fed Ex	Yes	12/8	Fed Ex	Yes	1/10/96 (received 1/24/96) (30 days)
RI Section 6; red line/strikeout	12/1	Fed Ex	Yes	12/7	Fed Ex	Yes	1/10/96 received 2/9/96 (43 days)
Response to comments on Sections 1-5	1/15	Fed Ex	Yes	1/19	Fed Ex	Yes	2/5/96 (10 days)
Response to comments on revisions to groundwater sections	2/8	Fed Ex	Yes	2/9	Fed Ex	Yes	2/26/96 (10 days)
Response to comments on Phase II ecorisk	2/12	Fed Ex	Yes	2/13	Fed Ex	Yes	2/29/96 (10 days) (verbal)
Revised (red line/strikeout) response to comments on Phase II ecorisk	2/16	Fed Ex	Yes	2/20	Fed Ex	Yes	2/22/96 (2 days) (verbal)
Preliminary response to comments on Section 6 revisions	2/16	Fax	Yes	2/20	Fed Ex	Yes	2/26/96 (4 days) (verbal)
Initial radiological data packages	NA	NA	NA	3/11	Fed Ex	Yes	
Additional radiological data	NA	NA	NA	3/20	Fax	Yes	
Four-point summary of SAIC radiological data revalidation	NA	NA	NA	NA	NA	NA	5/24/96
ODH letter on results of SAIC radiological data revalidation	NA	NA	NA	NA	NA	NA	6/6/96
Revised radiological data tables	NA	NA	NA	5/30	Fed Ex	Yes	b

Revised Schedule for SMC Deliverables

Deliverable	Client			Agency			Agency Comments Expected
	Date	Via	Completed	Date	Via	Completed	Date ^a
FS; red line/strikeout	2/21	Fed Ex	Yes	2/26	Fed Ex	Yes	3/11/96 (received 3/21/96) (19 days)
Response to comments on Section 6 revisions	4/12	Fed Ex	Yes	4/17	Fed Ex	Yes	b
Phase II ecorisk; red line/strikeout	4/10	Fed Ex	Yes	4/18	Fed Ex	Yes	b
Response to comments on FS red line/strikeout	4/5	Fed Ex	Yes	4/9 & 4/23	Fed Ex	Yes	b
RI Section 7; red line / strikeout in response to comments	4/10	Fed Ex	Yes	4/18	Fed Ex	Yes	b
FS Chapters 2, 4, and 6 and Appendices G and H	6/4	Fax	Yes	6/5	Fax	Yes	(received)
	6/5	Fax		6/11	Fed Ex		
Deviations to the maintenance shop work plan	6/20	Fax	Yes	6/26	Fed Ex	Yes	not applicable
Response to comments on data validation	6/21; 6/25	Fed Ex	Yes	6/26	Fed Ex	Yes	b
Analysis of amphibian survey results	7/3	Fax	Yes	7/9	Fed Ex	Yes	b
RI executive summary and conclusions; red line / strikeout	b			b			b
Final RI/FS	c			d	Fed Ex		
OEPA issues Preferred Plan	Schedule to be determined by agency.						

^a Agency review time (in business days) noted in parentheses

^b To be determined by agency.

^c No client review draft. Assumes all changes addressed in red-line/strikeout versions.