

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V - POLLUTION REPORT**

CC: P. Kozol SW/3
D. Rossberg LMD
J. Fassbender HSI

DATE 11/22/93

FROM Walter Nied, OSC, Region V, Chicago, IL

TO T. Johnson, U.S. EPA, Wash. D.C.; OS-210 (EPA5511)
R. Karl, U.S. EPA, ERB, Chicago, IL; SHS (EPA9538)
F. Rollins, Acting Chief, Resp. Sect. 3, Chicago, IL; SHS (EPA9538)
J. Cisneros, Chief, Emergency Support Section, Chicago, IL; (EPA9538)
Susan Pastor, OFF PUB AFF, Chicago, IL; SPA (EPA9513)
Brett Warning, EPA-Office of Regional Counsel
Terry Koehn, WDNR-Green Bay
Gary Edelstein, WDNR-Madison
David Linneer, RPM, Chicago, IL
Office of Solid Waste Management, WDNR

SUBJECT

Better Brite Plating mite, De Pere, Wisconsin

Better Brite Chrome - Lat: 44° 26' 16" Long: 88° 04' 31"

Better Brite Zinc - Lat: 44° 26' 42" Long: 88° 04' 30"

D.O. 5001-05-0301

Site ID# 5Y

TIME PERIOD: 7/1/93 - 10/22/93

POLREP: FINAL

Response Authority: CERCLA

NPL Status: NPL site

Start Date: October 19, 1992

Completion Date: October 22, 1993

SITUATION

Please see POLREP 32 for explanation of site situation.

ACTIONS TAKEN 7/1/93 - 10/22/93

- 1) The ERCS contractor continued to document and process ERCS cost documentation and prepared to mobilize to the site for closing activities. Two roll-off boxes containing contaminated concrete and personal protective equipment (D007 hazardous waste) were shipped off-site for treatment and disposal.
- 2) The ERCS crew, TAT, and OSC were mobilized to the site on 10/20/93.
- 3) ERCS crew improve site conditions by adding grass seed on the Better Brite Chrome site collection system where bare spots occurred, repairing superficial damage to on-site treatment building, increasing security of clean-out pipes and sumps on both collection systems, installing a small asphalt driveway where drum handling is necessary for treatment plant operation, and procuring replacement supplies for more reliable operation of the treatment plant (drum cart, diaphragm pump).
- 4) ERCS crew resets the float-activator on the sump pump at the Better Brite Chrome site collection system at a lower level to increase system collection capacity and depth. The modification resulted in an additional 5000 gallons of available capacity and an increase in pumping depth by 1.5 feet.

SUMMARY OF MAJOR ACCOMPLISHMENTS

10/19/92 - 6/30/93

Please see POLREP 32 for summary of major accomplishments and a Waste Treatment, Containment, and Disposal Table.

FUTURE ACTION

On-going operation and maintenance includes the treatment of collected groundwater and the transfer of groundwater collected at the BBZ facility to the BEC facility for treatment. These activities will be conducted through cooperation between the U.S. EPA Remedial Program, Wisconsin Department of Natural Resources, and local governmental agencies and will not be administered by the Removal Program.

COSTS**TOTAL COST ESTIMATE****PROJECT CEILING**

ERCS (as of 8/30/93) \$2,933,695.34

\$3,000,000.00

TAT (as of 11/6/93) \$ 161,985.48

\$ 190,651.58

STATUS

Site Activities Complete.



ecology and environment, inc.

111 W. JACKSON BLVD., SUITE 1200, CHICAGO, ILLINOIS 60604

INTERNATIONAL SPECIALISTS in the ENVIRONMENT

PHONE: (312) 863-9418

TELECOPIER: (312) 863-1090

TELECOPIER TRANSMISSION FORM

DATE: 12/6/93 TIME: 4:01 PM TOTAL NO. OF PAGES: 2
(including this form)

TO: TERRY KOEHN

COMPANY: WDNR - GREEN BAY

TELECOPIER PHONE NO.: (414) 492 - 5859

FROM: W. NIED

SPECIAL INSTRUCTIONS: POLREP - BETTER BRITE PLATING.

For Operator's Use Only

JOB CHARGE: ZT2051

SENT BY: R. NAGAM

CC: D. Rossberg LMD
M. Noel HSIUNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V - POLLUTION REPORT

DATE 8-2-93

FROM Walter Nied, OSC, Region V, Chicago, IL

TO T. Johnson, U.S. EPA, Wash. D.C.; OS-210 (EPA5511)
R. Karl, U.S. EPA, ERB, Chicago, IL; SHS (EPA9538)
Mary Elaine Gustafson, Acting Chief, Response Section 3, Chicago, IL; SHS (EPA9538)
J. Cisneros, Chief, Emergency Support Section, Chicago, IL; (EPA9538)
Susan Pastor, OFF PUB AFF, Chicago, IL; SPA (EPA9513)
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Gary Edelstein, WDNR-Madison
David Linnear, RPM, Chicago, IL
Office of Solid Waste Management, WDNR

SUBJECT

Better Brite Plating site, De Pere, Wisconsin
Better Brite Chrome - Lat: 44° 26' 16" Long: 88° 04' 31"
Better Brite Zinc - Lat: 44° 26' 42" Long: 88° 04' 30"
D.O. 5001-05-0301
Site ID# 5Y
TIME PERIOD: 6-18-93 through 6-30-93.
POLREP: 32 of Phase II.
Response Authority: CERCLA
NPL Status: NPL site
Start Date: October 19, 1992

SITUATION

The Better Brite Plating site of De Pere, Wisconsin consists of the locations of two former electroplating facilities. The Better Brite Zinc (BBZ) facility, located at 315 S. Sixth St., was active until 1989. The Better Brite Chrome (BBC) facility, located at 515 Lande St., was active until 1985. Removal actions have been conducted at both facilities prior to this action and resulted in the disposal of all hazardous materials found in each building and the demolition of each building. The site at the start of this action consisted of the remaining concrete foundations, a submerged dip tank at each location, highly contaminated subsurface soils at each location, and contaminated surface soils at the BBC facility. The groundwater in contact with the highly contaminated subsurface soils at each location was also contaminated. A municipal well is located approximately 250 feet northwest of the BBZ facility. Because of its proximity to the municipal well and known groundwater contamination, the removal action was initiated at the BBZ facility.

ACTIONS TAKEN 6/18/93 - 6/30/93

- 1) Installation of piping and wiring connecting the groundwater collection systems at the BBC facility to the on-site treatment plant was completed. Licensed electricians were subcontracted to install the wiring.
- 2) Approximately 35 loads of clean clay fill was received from an off-site source and backfilled, graded, and compacted at the BBC facility. The BBC facility was graded to insure proper drainage and eliminate ponding of rainwater in areas adjacent to neighboring properties.
- 3) The perimeter fence at the BBZ facility was dismantled and moved to the BBC facility where it was reused. A fencing contractor was subcontracted to install the fence at the BBC facility which encloses the collection systems as well as the groundwater treatment plant.
- 4) Approximately 20,000 gallons of contaminated groundwater was pumped from the BBZ collection system and the poly tanks and transferred via vacuum-truck to the BBC treatment plant.
- 5) Grass was planted on all areas which had been disturbed at the BBC facility utilizing a subcontracted hydroseeder.
- 6) The ERCS contractor demobilized from the site to await arrangements for future actions (see below).

SUMMARY OF MAJOR ACCOMPLISHMENTS

10/19/92 - 6/30/93

- 1) Concrete foundations at both facilities were broken up, sampled, and disposed of accordingly.
- 2) Contaminated soils (surface and subsurface) were sampled, removed, and disposed of accordingly.
- 3) Two dip tanks (each approximately 15 feet long and buried) were removed, emptied, decontaminated, and disposed of as scrap.
- 4) Two monitoring wells were installed between the BBZ facility and the municipal well.
- 5) Two large groundwater collection systems were installed in the excavation holes created at each site by the removal of the contaminated soil.
- 6) The groundwater collection systems were capped with compacted clay and seeded with grass.

WASTESTREAM TREATMENT, CONTAINMENT, AND DISPOSAL TABLE

WASTESTREAM	QUANTITY	TREATMENT	DISPOSAL
D007 Chromium contaminated soil, concrete, and debris from the BBZ facility.	2,752.27 tons	Treated before disposal at the disposal facility by reducing the chromium from Cr(VI) to Cr(III) and then fixating with a binding material before landfilling.	Ultimately landfilled at Controlled Waste, Menomonie Falls, Wisconsin and, Adam Center Landfill, Fort Wayne, Indiana.
D007 Chromium contaminated soil, concrete, and debris from the BBC facility.	4,235.71 tons	Treated before disposal at the disposal facility by reducing the chromium from Cr(VI) to Cr(III) and then fixating with a binding material before landfilling.	Ultimately landfilled at Controlled Waste, Menomonie Falls, Wisconsin, Adam Center Landfill, Fort Wayne, Indiana, and Peoria Disposal Company #1, Peoria, Illinois.
Chromium contaminated special waste soils, concrete, and debris from the BBZ facility.	3,280.01 tons	None	Landfilled at Ridgeway Landfill, Whitesaw, Wisconsin.
Chromium contaminated special waste soils, concrete, and debris from the BBC facility.	6,102.81 tons	None	Landfilled at Ridgeway Landfill Whitesaw, Wisconsin.
Contaminated groundwater and storm water runoff collected at the site.	176,850 gallons from BBZ 591,437 gallons from BBC	The chromium contaminated water is treated on-site in a water treatment plant operated by the City of De Pere. The chromium is reduced from Cr(VI) to Cr(III) and then precipitated by pH adjustment. The resulting chromium-laden solid is filtered from the water and drummed.	Disposal of the drummed solid is arranged by the Wisconsin Department of Natural Resources. The treated water is discharged to the municipal sewer.

FUTURE ACTION

On-going operation and maintenance includes the treatment of collected groundwater and the transfer of groundwater collected at the BBZ facility to the BBC facility for treatment. Also, the ERCS contractor will be re-mobilized to the site to conduct the following activities:

two roll-off boxes containing contaminated concrete and personal protective equipment (D007 hazardous waste) will be transported off-site for treatment and disposal,

surface soils at the BBC facility will be regraded as deemed necessary and reseeded with grass, and

a submersible pump may be installed in the deeper monitoring well across the street from the BBZ facility, as recommended in a memo to the David Linnear, U.S. EPA RPM, from Walter Nied, U.S. EPA OSC, outlining results of the removal action and recommendations for future actions to be conducted at the site.

COSTS	TOTAL COST ESTIMATE	PROJECT CEILING
ERCS (as of 6/27/93)	\$2,889,610.86	\$3,000,000.00
TAT (as of 7/24/93)	\$ 159,173.11	\$ 173,479.00

STATUS Removal Action Incomplete.

COMPANY: U.S.EPA - REGION IV
CHICAGO, IL

FAX LINE: (312) 353-9176

TELE LINE: (312) 886-4466

TO: TERRY KOHN FAX PHONE# (414) 42-5859

FROM: WALTER NIED, OSC

TOPIC: POLREP # 32 OF PHASE II REMOVAL ACTION

NUMBER OF PAGES: 4 INCLUDING COVER SHEET

DATE OF TRANSMISSION: 8/2/93 TIME: 1020

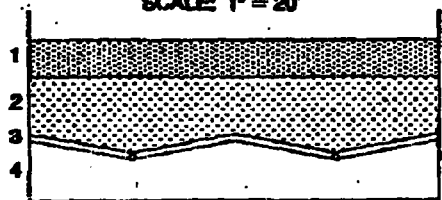
IF YOU HAVE ANY QUESTIONS REGARDING THE TRANSMISSION OF THIS MESSAGE, PLEASE CONTACT:

WALTER NIED @, (312) 886-4466

Terry Koehn - WPD

A - A' Cross Section

SCALE: 1" = 20'

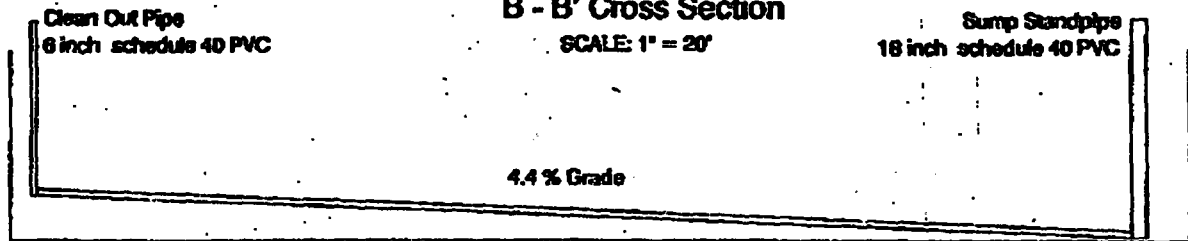


- 1 clean clay from site
- 2 3/4 inch washed limestone covered with filter fabric
- 3 10 inches of pea gravel covered with filter fabric
- 4 bottom - covered with 40 mil HDPE liner

NOTE: Top of collection system will be covered with clean clay from an off-site source, compacted and seeded.

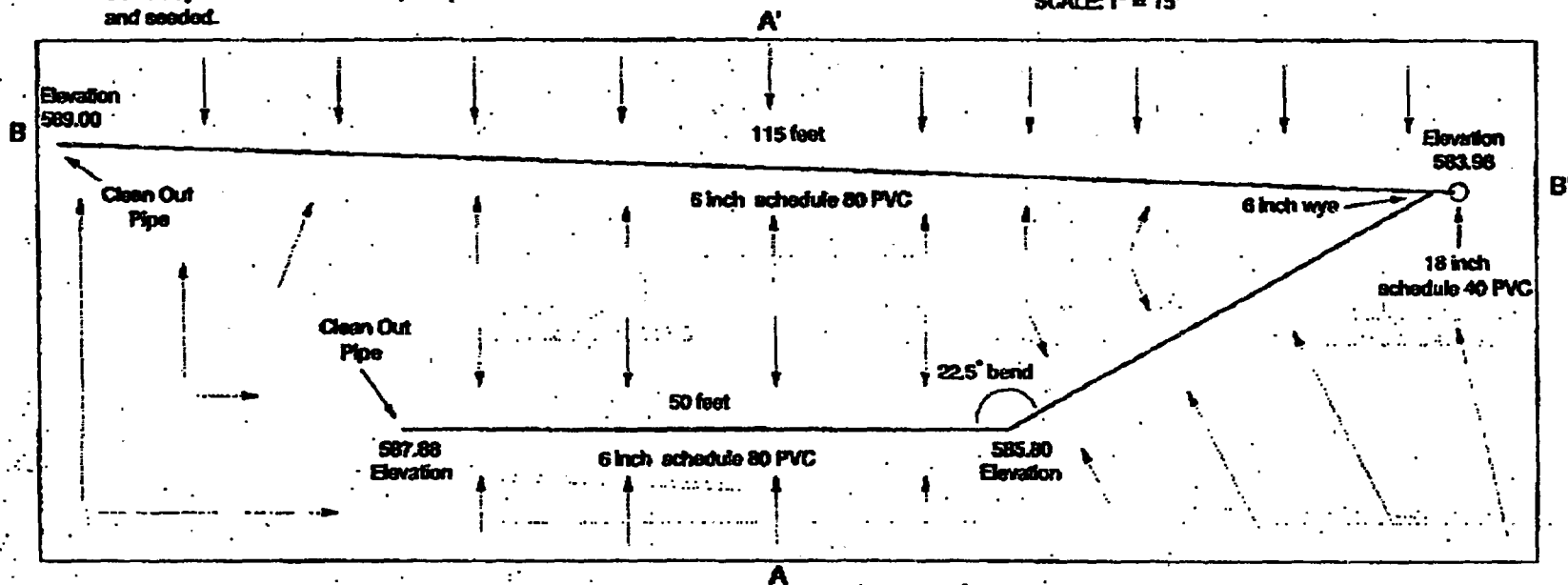
B - B' Cross Section

SCALE: 1" = 20'



Overview

SCALE: 1" = 15'



Technical Assistance Team
Region V
111 West Jackson Blvd.
Chicago, IL 60604

SITE: Better Brts Plating, Zinc Shop
De Pere, Wisconsin
DESIGNED BY: Walter F. Nlod, U.S.EPA
Gary Edelstein, WDNR
Kevin Neal, Riedel Environmental Service

TITLE: Ground Water Collection System
SYSTEM INSTALLED: 1/25/93 - 2/9/93

OPTIONAL FORM 99 (7-90)
FAX TRANSMITTAL # of pages 1

To: <i>Gary Edelstein</i>	From: <i>Dan Cozza</i>
Dep./Agency: <i>USE</i>	Name:
Fax: <i>608-267-2768</i>	Fax #:

NSN 7540-01-017-7398 5099-101 GENERAL SERVICES ADMINISTRATION

RECEIVED
JUL 17 1993
LAND SOLID WASTE

6-23-93



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5

77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

RECEIVED
JUN 23 1993
LMD SOLID WASTE

DATE: June 18, 1993
TO: David Linnear, U.S. EPA Remedial Project Manager
Terry Koehn, WDNR State Project Manager
FROM: Walter Nied, U.S. EPA On-Scene Coordinator
RE: Recommendations, Better Brite Zinc and Chrome Shops

I. Transfer of Contaminated Groundwater from Better Brite Zinc Collection System to Better Brite Chrome Treatment Plant

The depth to water from the top of the standpipe at the Better Brite Zinc collection system (315 South Sixth Street, De Pere, Wisconsin) should be measured twice a week and after significant rainfall events in order to sufficiently quantify need for a transfer. This recommendation is based on correlations between rainfall and observed recharge to the collection system and normal rainfall data provided by the National Weather Service and is intended to prevent a situation wherein excessive water is accumulating in the collection system thereby compromising its ability to collect groundwater. A depth to water from the top of the standpipe of 17' 10.5" has been calculated to correspond to an approximate volume of 3,500 gallons (the size of the most economical and available vacuum-truck) based on pumping data recorded during the removal action. At this volume, a vacuum-truck should be retained and the collection system should be pumped out until empty and the water transferred to the Better Brite Chrome treatment plant located at 515 Lande Street for treatment.

II. Conversion of a Better Brite Zinc Monitoring Well to an Extraction Well

Two monitoring wells have been installed as part of a removal action at the Better Brite Zinc site. The wells are located across Sixth Street from the site, on the Rassmussen property, directly between the municipal drinking water well located on Grant Street and the site. Monitoring well MW-1 is screened in unconsolidated material approximately 15 feet deep. Monitoring well MW-2 is screened at the top of the bedrock at a depth of approximately 30 feet deep.

Although water sampled from either well did not exhibit the gross groundwater contamination observed during the removal action across the street at the site, chromium levels appeared

to be elevated above the MCL for chromium in both wells with slightly higher concentrations found in MW-2.

To address the moderate contamination found in the wells, it is recommended that the deeper well, MW-2, be continuously pumped until empty as part of future remedial activities in an attempt to retard migration toward the municipal well by capturing the contaminated groundwater in proximity to the well. The slightly contaminated water found in MW-2 will not be collected by the Better Brite Zinc groundwater collection system because it is screened below the maximum depth of the collection system. The wells were installed with this potentiality in mind using 4 inch diameter piping which accommodates installation of a float activated submersible pump. Also, the moderately contaminated water from the monitoring well can be piped to the Better Brite Zinc collection system and subsequently transferred to the Better Brite Chrome Treatment Plant for treatment with the more heavily contaminated water collected in the groundwater collection system.

III. Installation of Additional Liners over the Collection Systems

If deemed necessary, impermeable caps can be installed over both collection systems by adding a plastic liner and topsoil. Additional compacted clay is not necessary since sufficient amounts of clean clay were compacted over the collection systems during the removal action.

IV. Magnetometer or Ground Penetrating Radar Surveys

Magnetometer or Ground Penetrating Radar surveys should be conducted at the Better Brite Chrome site in order to determine if additional buried vessels/tanks exist at the site (as recommended by David Linnear, U.S. EPA RPM).

V. Monitoring Well Sampling

A number of monitoring wells which were installed prior to the recent removal action remain intact and operational at both Better Brite Zinc and Better Brite Chrome locations. Two additional monitoring wells were installed at the Better Brite Zinc site during the removal action. These monitoring wells should be sampled quarterly in order to quantify the positive impact of the collection systems on groundwater contamination.

VI. Groundwater Pumping and Treatment

As much groundwater as possible should be pumped and treated using the currently installed systems. By maximizing treatment volumes, the efficiency of chromium removal is increased, thereby decreasing the projected duration of the pump-and-treat program.

VII. Investigate Improvements in the Existing Water Treatment Plant

A consultant with wastewater treatment expertise should be retained to evaluate the feasibility of refining the treatment process so as to further concentrate the chromium in the filter cake. If the chromium concentration in the filter cake can be raised to approximately 12%, the chromium can be reclaimed from the filter cake economically, reducing landfill volume and yielding a product material.

cc: Terri Johnson, U.S.EPA, Washington, D.C.
Rick Karl, U.S.EPA ERB, Chicago, IL
Mary Elaine Gustafson, U.S.EPA Response Section 3, Chicago, IL
Gary Edelstein, WDNR, Madison, WI
Doug Rossberg, WDNR, Green Bay, WI
Kenneth Bro, WDNR, Madison, WI
Gus Glaser, WDNR, Green Bay, WI
James Kalny, City of De Pere, De Pere, WI
Dave Benner, City of De Pere, De Pere, WI

K 6-21-93

cc: D. Rossberg LMD
M. Noel HSD

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V**

DATE 6-18-93**FROM** Walter Nied, OSC, Region V, Chicago, IL

TO T. Johnson, U.S. EPA, Wash. D.C.; OS-210 (EPA5511)
R. Kerl, U.S. EPA, ERB, Chicago, IL; 5HS (EPA9538)
Mary Elaine Gustafson, Acting Chief, Response Section 3, Chicago, IL;
5HS (EPA9538)
J. Cisneros, Chief, Emergency Support Section, Chicago, IL; (EPA9538)
Susan Pastor, OFF PUB AFF, Chicago, IL; 5PA (EPA9513)
Erett Warning, EPA-Office of Regional Counsel
Terry Koehn, WDNR-Green Bay
Gary Edelstein, WDNR-Madison
David Linnear, RPM, Chicago, IL
Office of Solid Waste Management, WDNR

SUBJECT Better Brite Plating site, De Pere, Wisconsin
D.O. 5001-05-0301, Site ID# 5Y
TIME PERIOD: 6-11-93 through 6-17-93. POLREP 31 OF Phase II.

SITUATION Refer to POLREP 1 of Phase II.**ACTIONS****TAKEN**

- 1) Approximately 200 tons of hazardous soils from the BBC facility were shipped off-site for treatment and disposal. Approximately 20 tons were shipped to Controlled Waste of Menomonee Falls, Wisconsin. The remainder was shipped to Adams Center, Fort Wayne, Indiana.
- 2) Approximately 324 tons of contaminated soils were scraped from the ground surface and were disposed of as special waste at Ridgeview Landfill in Whitelaw, Wisconsin.
- 3) Approximately 2,000 tons of clean clay from an off-site source were backfilled and compacted on top of the BBC collection system and in areas which had been scraped. The entire BBC site continued to be graded as the clean clay was backfilled.
- 4) An additional 2,000 gallons of contaminated water was pumped to the 20,000 gallon temporary storage tank to await treatment.
- 5) Installation of piping connecting the extraction well and the collection system to the water treatment plant at the BBC facility was continued. A float activated submersible pump was installed in the bottom of the BBC collection system.
- 6) The dip tank recently removed from the ground at the BBC facility was decontaminated and cut into smaller pieces for scrap.

FUTURE**ACTIONS**

- 1) The groundwater collection system and the extraction well at the BBC facility will be connected to the treatment plant and automated.
- 2) Clean soil from an off-site source will be used to cover the scraped areas at the BBC site and the entire area will be seeded with grass to control erosion.

COSTS TOTAL ERCS COST ESTIMATE AS OF 6/16/93
\$2,863,126.47

CEILING
\$3,000,000.00

STATUS Removal Action continuing.

COMPANY: U.S. EPA - BETTER BRITE PLATING
DE PERE, WISCONSIN

FAX LINE: (414) 337-9650
TELE LINE: (414) 337-9631

TO: [SEE PAGE 2 FOR RECIPIENT AND ADDRESS] FAX PHONE# _____

FROM: WALTER NIED, U.S. EPA - OSC

TOPIC: POLREP # 37 OF PHASE II REMOVAL ACTION

NUMBER OF PAGES: 2 INCLUDING COVER SHEET

DATE OF TRANSMISSION: 6/18/93 TIME: 0930

IF YOU HAVE ANY QUESTIONS REGARDING THE TRANSMISSION OF THIS MESSAGE, PLEASE CONTACT:

WALTER NIED - AT (414) 337-9631

REGION V

cc: D. Rossberg LIND
M. Noel HST

DATE 6-11-93

FROM Walter Nied, OSC, Region V, Chicago, IL

TO T. Johnson, U.S. EPA, Wash. D.C.; OS-210 (EPA5511)
R. Karl, U.S. EPA, ERB, Chicago, IL; 5HS (EPA9538)
T. Geishechker, Chief, Response Section 3, Chicago, IL; 5HS (EPA9538)
J. Cisneros, Chief, Emergency Support Section, Chicago, IL; (EPA9538)
Susan Pastor, OFF PUB AFF, Chicago, IL; SPA (EPA9513)
Brett Warning, EPA-Office of Regional Counsel
Terry Koehn, WDNR-Green Bay
Gary Edelman, WDNR-Madison
David Linnear, RPM, Chicago, IL
Office of Solid Waste Management, WDNR

SUBJECT Better Brite Plating site, De Pere, Wisconsin
D.O. 5001-05-0301, Site ID# 5Y
TIME PERIOD: 6-4-93 through 6-10-93. POLREP 30 OF Phase II.

SITUATION Refer to POLREP 1 of Phase II.

ACTIONS

- TAKEN**
- 1) A buried dip tank was found near the newly installed collection system at the BBC facility and was immediately removed. Stained soil and debris associated with this tank were also removed. After the visibly contaminated soil was removed, the depression was packed with clean fill and compacted.
 - 2) Approximately 1,080 tons of hazardous soils from the BBC facility were shipped off-site for treatment and disposal. Approximately 250 tons were shipped to Peoria Disposal Company #1, Peoria, Illinois. Approximately 360 tons were shipped to Controlled Waste of Menomonee Falls, Wisconsin. The remainder was shipped to Adams Center, Fort Wayne, Indiana.
 - 3) Installation of piping to the water treatment plant on-site was continued. In addition, filter fabric was installed on top of the gravel in the BBC collection system and 52 loads of clean clay from an off-site source were backfilled and compacted on top of the filter fabric.
 - 4) Approximately 11,500 gallons of contaminated groundwater was transferred from the BRZ facility to the BBC facility for treatment. Approximately 3,500 gallons of contaminated water was pumped from the collection system at the BBC facility to the BBC treatment plant for treatment. Another 18,000 gallons of contaminated water was pumped to the 20,000 gallon temporary storage tank to await treatment.
 - 5) Approximately 530 tons of special waste soils were hauled off-site for disposal at Ridgeview Landfill in Whitelaw, Wisconsin.

FUTURE

- ACTIONS**
- 1) The groundwater collection system at the BBC facility will be completed and capped. Surficial soil contamination will continue to be addressed.
 - 2) Remaining stockpiles of hazardous and special waste soils will be loaded and shipped off-site for treatment and/or disposal.

COSTS	TOTAL ERCS COST ESTIMATE AS OF 6/9/93	CEILING
	\$2,757,446.50	\$3,000,000.00

STATUS Removal Action continuing.

COMPANY: U.S. EPA - BETTER BRITE PLATING
DE PERE, WISCONSIN

FAX LINE: (414) 337-9650

TELE LINE: (414) 337-9631

TO: [SEE PAGE 2 FOR RECIPIENT AND ADDRESS] FAX PHONE# _____

FROM: WALTER NIED, U.S. EPA - OSC

TOPIC: POLREP # 30 OF PHASE II REMOVAL ACTION

NUMBER OF PAGES: 2 INCLUDING COVER SHEET

DATE OF TRANSMISSION: 6/11/93 TIME: 1300

IF YOU HAVE ANY QUESTIONS REGARDING THE TRANSMISSION OF THIS MESSAGE, PLEASE CONTACT:

WALTER NIED - AT (414) 337-9631

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

cc: D. Rosenberg LMD
M. Noel HSE

DATE 6-4-93

FROM Walter Nied, OSG, Region V, Chicago, IL

TO T. Johnson, U.S. EPA, Wash. D.C.; OS-210 (EPA5511)
R. Kari, U.S. EPA, ERB, Chicago, IL; 5HS (EPA9538)
T. Geishechker, Chief, Response Section 3, Chicago, IL; 5HS (EPA9538)
J. Cisneros, Chief, Emergency Support Section, Chicago, IL; (EPA9538)
Susan Pastor, OFF PUB AFF, Chicago, IL; SPA (EPA9513)
Brett Warning, EPA-Office of Regional Counsel
Terry Koehn, WDNR-Green Bay
Gary Edelstein, WDNR-Madison
David Linnear, RPM, Chicago, IL
Office of Solid Waste Management, WDNR

SUBJECT Better Brite Plating site, De Pere, Wisconsin
D.O. 5001-05-0301, Site ID# 5Y
TIME PERIOD: 5-22-93 through 6-3-93. POLREP 29 OF Phase II.

Note: The site was inactive from 5/21/93 to 6/1/93.

SITUATION Refer to POLREP 1 of Phase II.

ACTIONS

- TAKEN**
- 1) Approximately 5000 gallons of contaminated water was pumped from the collection system at the BBC facility to the BBC treatment plant for treatment.
 - 2) General site maintenance was performed including covering stockpiles with tarps when not in use, maintaining site fencing, and ensuring control of all on-site water drainage.
 - 3) Approximately 360 tons of hazardous soils from the BBC facility were shipped off-site for treatment and disposal. Approximately 280 tons were shipped to Peoria Disposal Company #1, Peoria, Illinois. Approximately 60 tons were shipped to Controlled Waste of Menomonee Falls, Wisconsin. The remainder was shipped to Adams Center, Fort Wayne, Indiana.
 - 4) Installation of piping which will route contaminated water from the three groundwater collection systems at the BBC facility (extraction well, french drain, and new expanded groundwater collection system) to the water treatment plant on-site was begun.

FUTURE

- ACTIONS**
- 1) The groundwater collection system at the BBC facility will be completed and capped. Surficial soil contamination will continue to be addressed.
 - 2) Remaining stockpiles of hazardous and special waste soils will be loaded and shipped off-site for treatment and/or disposal.

COSTS	TOTAL ERCS COST ESTIMATE AS OF 5/21/93	CEILING
	\$2,442,374.39	\$3,000,000.00

Note: On 5/28/93, a modification to the ERCS Delivery Order for this site was approved by U.S. EPA Region V increasing the ERCS project ceiling to \$3,000,000.00

STATUS Removal Action continuing.

COMPANY: U.S. EPA - BETTER BRINE PLATING
DE PERE, WISCONSIN

FAX LINE: (414) 337-9650
TELE LINE: (414) 337-9631

TO: [SEE PAGE 2 FOR RECIPIENT AND ADDRESS] FAX PHONE# _____

FROM: WALTER NIED, U.S. EPA - OSC

TOPIC: POLREP # 29 OF PHASE II REMOVAL ACTION

NUMBER OF PAGES: 2 INCLUDING COVER SHEET

DATE OF TRANSMISSION: 6/4/93 TIME: 1030

IF YOU HAVE ANY QUESTIONS REGARDING THE TRANSMISSION OF THIS MESSAGE, PLEASE CONTACT:

WALTER NIED - AT (414) 337-9631

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V**

CC D. Rosshang LMD
M. Noel HSI
K 5-26-93

DATE 5-25-93

FROM Walter Nied, OSC, Region V, Chicago, IL

TO T. Johnson, U.S. EPA, Wash. D.C.; OS-210 (EPA5511)
R. Karl, U.S. EPA, ERB, Chicago, IL; SHS (EPA9538)
T. Gaishechker, Chief, Response Section 3, Chicago, IL; SHS (EPA9538)
J. Cisneros, Chief, Emergency Support Section, Chicago, IL; (EPA9538)
Susan Pastor, OFF PUB AFF, Chicago, IL; SPA (EPA9513)
Brett Warning, EPA-Office of Regional Counsel
Terry Koehn, WDNR-Green Bay
Gary Edelstein, WDNR-Madison
David Linnear, RPM, Chicago, IL
Office of Solid Waste Management, WDNR

SUBJECT Better Brite Plating site, De Pers, Wisconsin
D.O. 5001-05-0301, Site ID# 5Y
TIME PERIOD: 5-14-93 through 5-21-93. POLREP 28 OF Phase II.

Note: The site will become inactive on 5/21. Site operations are scheduled to resume on June 2, 1993.

SITUATION Refer to POLREP 1 of Phase II.

ACTIONS

- TAKEN**
- 1) Approximately 7,500 gallons of contaminated groundwater was pumped from the Better Brite Zinc (BBZ) facility collection system and transferred to the treatment plant located at the Better Brite Chrome (BBC) facility for treatment.
 - 2) Approximately 25,000 gallons of contaminated water was pumped from the collection system at the BBC facility to the BBC treatment plant for treatment.
 - 3) General site maintenance was performed including covering stockpiles with tarps when not in use, maintaining site fencing, and ensuring control of all on-site water drainage.
 - 4) Contaminated surficial soils at the BBC facility were scraped approximately 1 foot in an attempt to eliminate the contamination. The scraped areas were sampled for laboratory analysis to evaluate the effectiveness of the scraping.
 - 5) The clay cap at the BBZ facility was seeded and watered. A wooden fence was installed surrounding the BBZ sump.

FUTURE

- ACTIONS**
- 1) The groundwater collection system at the BBC facility will be completed and capped. Surficial soil contamination will continue to be addressed.
 - 2) Remaining stockpiles of hazardous and special waste soils will be loaded and shipped off-site for treatment and/or disposal.

COSTS TOTAL ERCS COST ESTIMATE AS OF 5/21/93
\$2,442,374.39

CEILING
\$2,500,000.00

STATUS Removal Action continuing.



ecology and environment, inc.

111 W. JACKSON BLVD., SUITE 1200, CHICAGO, ILLINOIS 60604

INTERNATIONAL SPECIALISTS in the ENVIRONMENT

PHONE: (312) 663-8415

TELECOPIER: (312) 663-1090

TELECOPIER TRANSMISSION FORM

DATE: 5/26/93 TIME: 0735 TOTAL NO. OF PAGES: 2
(including this form)

TO: TERRY KOEHN, WDMR

COMPANY: _____

TELECOPIER PHONE NO.: (414) 492-5859

FROM: WALTER NIED, U.S. EPA OSC, CHICAGO

SPECIAL INSTRUCTIONS: THROUGH TODD RAMMLY, EEE, INC.

RE: POLREP 28 OF PHASE II

BETTER BRIT PLATING

DE PERE, WISCONSIN

For Operator's Use Only

JOB CHARGE: _____

SENT BY: _____

cc: D. Rossberg LMD
M. Noel HSI

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V**

DATE 5-13-93

FROM Walter Nied, OSC, Region V, Chicago, IL

TO T. Johnson, U.S. EPA, Wash. D.C.; OS-210 (EPA5511)
R. Karl, U.S. EPA, ERB, Chicago, IL; 5HS (EPA9538)
T. Geishechker, Chief, Response Section 3, Chicago, IL; 5HS (EPA9538)
J. Cisneros, Chief, Emergency Support Section, Chicago, IL; (EPA9538)
Susan Pastor, OFF PUB AFF, Chicago, IL; 5PA (EPA9513)
Brett Warning, EPA-Office of Regional Counsel
Terry Koehn, WDNR-Green Bay
Gary Edelstein, WDNR-Madison
David Linnear, RPM, Chicago, IL
Office of Solid Waste Management, WDNR

SUBJECT Better Brite Plating site, DePere, Wisconsin
D.O. 5001-05-0301, Site ID# 5Y
TIME PERIOD: 5-7-93 through 5-13-93. POLREP 27 OF Phase II.

SITUATION Refer to POLREP 1 of Phase II.

ACTIONS

TAKEN

- 1) Approximately 22,900 gallons of contaminated groundwater was pumped from the Better Brite Zinc (BBZ) collection system, located at 315 S. Sixth St. and transferred to the treatment plant located at the Better Brite Chrome (BBC) facility, located at 515 Lande Street.
- 2) General site maintenance was performed including covering stockpiles with tarps when not in use, maintaining site fencing, and ensuring control of all on-site water drainage.
- 3) Installation of the BBC groundwater collection system was continued. The gravel in the BBC collection system was graded before filter fabric was installed.
- 4) The BBZ collection system was filled and capped with 125 dump truck loads of clean fill. The clean fill was compacted to final grade then seeded with grass.

FUTURE

ACTIONS

- 1) The groundwater collection system at the BBC facility will be completed and capped. Surficial soil contamination will also be addressed.
- 2) Remaining stockpiles of hazardous and special waste soils will be loaded and shipped off-site for treatment and/or disposal.

COSTS TOTAL ERCS COST ESTIMATE AS OF 5/12/93 CEILING
\$2,424,330.11 \$2,500,000.00

STATUS Removal Action continuing.

COMPANY: U.S. EPA - BETTER BRITE PLATING
DE PERE, WISCONSIN

FAX LINE: (414) 337-9650

TELE LINE: (414) 337-9631

TO: [SEE PAGE 2 FOR RECIPIENT AND ADDRESS] FAX PHONE# _____

FROM: WALTER NIED, U.S. EPA - OSC

TOPIC: POLREP # 2.7 OF PHASE II REMOVAL ACTION

NUMBER OF PAGES: 2 INCLUDING COVER SHEET

DATE OF TRANSMISSION: 5/13/93 TIME: 1400

IF YOU HAVE ANY QUESTIONS REGARDING THE TRANSMISSION OF THIS MESSAGE, PLEASE CONTACT:

WALTER NIED - AT (414) 337-9631

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V**

DATE 5-6-93

FROM Walter Nied, OSC, Region V, Chicago, IL

TO T. Johnson, U.S. EPA, Wash. D.C.; OS-210 (EPA5511)
R. Karl, U.S. EPA, BRB, Chicago, IL; 5HS (EPA9538)
T. Geishecker, Chief, Response Section 3, Chicago, IL; 5HS (EPA9538)
J. Cisneros, Chief, Emergency Support Section, Chicago, IL; (EPA9538)
Susan Pastor, OFF PUB AFF, Chicago, IL; 5PA (EPA9513)
Brett Warning, EPA-Office of Regional Counsel
Terry Koehn, WDNR-Green Bay
Gary Edelstein, WDNR-Madison
David Linnear, RPM, Chicago, IL
Office of Solid Waste Management, WDNR

SUBJECT Better Brite Plating site, DePere, Wisconsin
D.O. 5001-05-0301, Site ID# 5Y
TIME PERIOD: 4-30-93 through 5-6-93. POLREP 26 OF Phase II.

SITUATION Refer to POLREP 1 of Phase II.

**ACTIONS
TAKEN**

- 1) Approximately 275 tons of hazardous soils from the Better Brite Chrome (BBC) facility, located at 515 Lande St., were loaded and hauled off-site. Approximately 80 tons was shipped to Adams Center, Fort Wayne, Indiana. The remaining 195 tons was shipped to Peoria Disposal Company of Peoria, Illinois.
- 2) Approximately 60,000 gallons of contaminated groundwater was pumped from the Better Brite Zinc (BBZ) collection system, located at 315 S. Sixth St. and transferred to the treatment plant located at the BBC facility.
- 3) General site maintenance was performed including covering stockpiles with tarps when not in use, maintaining site fencing, and ensuring control of all on-site water drainage.
- 4) Each clay layer found in the excavation area at the BBC facility was sampled and characterized by laboratory analysis before disposal.
- 5) Hazardous waste soils at the BBC facility were excavated, separated, and stockpiled for loading and off-site shipment.
- 6) Installation of the BBC groundwater collection system was begun. The bottom of the excavated area was graded before the liner and associated piping was put down. Approximately 120 dump truck-loads of gravel were brought in to backfill the collection system.

**FUTURE
ACTIONS**

- 1) The excavated area at the Better Brite Zinc (BBZ) facility, located at 315 South Sixth St., will be filled and capped.
- 2) The groundwater collection system at the BBC facility will be completed and capped. Surficial soil contamination will also be addressed.

COSTS TOTAL ERCS COST ESTIMATE AS OF 5/5/93
\$2,392,507.04

CEILING
\$2,500,000.00

STATUS Removal Action continuing.

COMPANY: U.S. EPA - BETTER BRITE PLATING
DE PERE, WISCONSIN

FAX LINE: (414) 337-9650
TELE LINE: (414) 337-9631

TO: [SEE PAGE 2 FOR RECIPIENT AND ADDRESS] FAX PHONE# _____

FROM: WALTER NIED, U.S. EPA - OSC

TOPIC: POLREP # 26 OF PHASE II REMOVAL ACTION

NUMBER OF PAGES: 2 INCLUDING COVER SHEET

DATE OF TRANSMISSION: 5/6/93 TIME: 1400

IF YOU HAVE ANY QUESTIONS REGARDING THE TRANSMISSION OF THIS MESSAGE, PLEASE CONTACT:

WALTER NIED - AT (414) 337-9631

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V**

DATE 4-29-93

FROM Walter Nied, OSC, Region V, Chicago, IL

TO T. Johnson, U.S. EPA, Wash. D.C.; OS-210 (EPA5511)
R. Bowden, U.S. EPA, ERB, Chicago, IL; 5HS (EPA9538)
T. Geishechker, Chief, Response Section 2, Chicago, IL; 5HS (EPA9538)
J. Cisneros, Chief, Emergency Support Division, Chicago, IL; (EPA9538)
Susan Pastor, OFF PUB AFF, Chicago, IL; 5PA (EPA9513)
Brett Warning, EPA-Office of Regional Counsel
Terry Koehn, WDNR-Green Bay
Gary Edelstein, WDNR-Madison
David Linnear, RPM, Chicago, IL
Office of Solid Waste Management, WDNR

SUBJECT Better Brite Plating site, DePere, Wisconsin
D.O. 5001-05-0301, Site ID# 5Y
TIME PERIOD: 4-23-93 through 4-29-93. POLREP 25 OF Phase II.

SITUATION Refer to POLREP 1 of Phase II.

ACTIONS

TAKEN

- 1) Approximately 1300 tons of hazardous soils from the Better Brite Chrome (BBC) facility were loaded and hauled off-site. Approximately 300 tons of this material was shipped to Controlled Waste of Menomonee Falls, Wisconsin. Another 450 tons was shipped to Adams Center, Fort Wayne, Indiana. The remaining 550 tons was shipped to Peoria Disposal Company of Peoria, Illinois.
- 2) Approximately 67,000 gallons of contaminated storm water and groundwater was pumped from the BBC excavation pit, the existing sump, and the 20,000 gallon storage tank to the on-site water treatment plant.
- 3) General site maintenance was performed including covering stockpiles with tarps when not in use, maintaining site fencing, and ensuring control of all on-site water drainage.
- 4) Each clay layer found in the excavation area at the BBC facility was sampled and characterized by laboratory analysis before disposal.
- 5) Hazardous waste soils at the BBC facility were excavated, separated, and stockpiled for loading and off-site shipment.

FUTURE

ACTIONS

- 1) The excavated area at the Better Brite Zinc (BBZ) facility, located at 315 South Sixth St., will be filled and capped.
- 2) Surface and subsurface chromium contamination at the BBC facility will be addressed and hazards associated with these contaminants will be removed. This will include the continued removal of highly contaminated subsurface and surface soils and the installation of an improved ground water collection system.

COSTS TOTAL ERCS COST ESTIMATE AS OF 4/28/93 CEILING
\$2,010,699.25 \$2,500,000.00

STATUS Removal Action continuing.

COMPANY: U.S. EPA - BETTER BRINE PLATING

DE PERE, WISCONSIN

FAX LINE: (414) 337-9650

TELE LINE: (414) 337-9631

TO: [SEE PAGE 2 FOR RECIPIENT AND ADDRESS] FAX PHONE# _____

FROM: WALTER NIED, U.S. EPA - OSC

TOPIC: POLREP # 25 OF PHASE II REMOVAL ACTION

NUMBER OF PAGES: 2 INCLUDING COVER SHEET

DATE OF TRANSMISSION: 4/29/93 TIME: 1600

IF YOU HAVE ANY QUESTIONS REGARDING THE TRANSMISSION OF THIS MESSAGE, PLEASE CONTACT:

WALTER NIED - AT (414) 337-9631

cc: D. Rossberg LMD

R. Kavanaugh HSI

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V**

DATE 4-22-93**FROM** Walter Nied, OSC, Region V, Chicago, IL

TO T. Johnson, U.S. EPA, Wash. D.C.; OS-210 (EPA5511)
 R. Bowden, U.S. EPA, ERB, Chicago, IL; 5HS (EPA9538)
 T. Geishecker, Chief, Response Section 2, Chicago, IL; 5HS (EPA9538)
 J. Cisneros, Chief, Emergency Support Division, Chicago, IL; (EPA9538)
 Susan Pastor, OFF PUB AFF, Chicago, IL; SPA (EPA9513)
 Brett Warning, EPA-Office of Regional Counsel
 Terry Koehn, WDNR-Green Bay
 Gary Edelstein, WDNR-Madison
 David Linnear, RPM, Chicago, IL
 Office of Solid Waste Management, WDNR

SUBJECT Better Brite Plating site, DePere, Wisconsin
 D.O. 5001-05-0301, Site ID# 5Y
 TIME PERIOD: 4-15-93 through 4-22-93. POLREP 24 OF Phase II.

SITUATION Refer to POLREP 1 of Phase II.**ACTIONS
TAKEN**

- 1) Approximately 288 tons of hazardous soils from the Better Brite Chrome (BBC) facility were loaded and hauled off-site. Approximately 50 tons of this material was shipped to Controlled Waste of Menomonee Falls, Wisconsin. The remainder was shipped to Adams Center, Fort Wayne, Indiana.
- 2) Approximately 20,000 gallons of contaminated storm water and groundwater was pumped from the BBC excavation pit to the on-site water treatment plant. An additional 20,000 gallons of contaminated water was pumped to a storage tank which was rented to the site.
- 3) General site maintenance was performed including covering stockpiles with tarps when not in use, maintaining site fencing, and ensuring control of all on-site water drainage.
- 4) Water samples were collected from on-site surface water collection areas, including the excavation pit, and sent to a laboratory for analysis.

**FUTURE
ACTIONS**

- 1) The excavated area at the Better Brite Zinc (BBZ) facility, located at 315 South Sixth St., will be filled and capped.
- 2) Surface and subsurface chromium contamination at the BBC facility will be addressed and hazards associated with these contaminants will be removed. This will include the continued removal of highly contaminated subsurface and surface soils and the installation of an improved ground water collection system.

COSTS TOTAL ERCS COST ESTIMATE AS OF 4/16/93
 \$1,804,666.69

CEILING
 \$2,500,000.00

STATUS Removal Action continuing.

COMPANY: U.S. EPA - BETTER BRITE PLATING
DE PERE, WISCONSIN

FAX LINE: (414) 337-9650
TELE LINE: (414) 337-9631

TO: [SEE PAGE 2 FOR RECIPIENT AND ADDRESS] FAX PHONE# _____

FROM: WALTER NIED, U.S. EPA - OSC

TOPIC: POLREP # 24 OF PHASE II REMOVAL ACTION

NUMBER OF PAGES: 2 INCLUDING COVER SHEET

DATE OF TRANSMISSION: 4/22/93 TIME: 1600P

IF YOU HAVE ANY QUESTIONS REGARDING THE TRANSMISSION OF THIS MESSAGE, PLEASE CONTACT:

WALTER NIED - AT (414) 337-9631

cc: D. Rossberg LMD
R. Karneuslas HSI

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V**

DATE 4-15-93

FROM Walter Nied, OSC, Region V, Chicago, IL

TO T. Johnson, U.S. EPA, Wash. D.C.; OS-210 (EPA5511)
R. Bowden, U.S. EPA, ERB, Chicago, IL; 5HS (EPA9538)
T. Geishecker, Chief, Response Section 2, Chicago, IL; 5HS (EPA9538)
J. Cisneros, Chief, Emergency Support Division, Chicago, IL; (EPA9538)
Susan Pastor, OFF PUB AFF, Chicago, IL; 5PA (EPA9513)
Brett Warning, EPA-Office of Regional Counsel
Terry Koehn, WDNR-Green Bay
Gary Edelstein, WDNR-Madison
David Linnear, RPM, Chicago, IL
Office of Solid Waste Management, WDNR

SUBJECT Better Brite Plating site, DePere, Wisconsin
D.O. 5001-05-0301, Site ID# 5Y
TIME PERIOD: 4-12-93 through 4-15-93. POLREP 23 OF Phase II.

SITUATION Refer to POLREP 1 of Phase II.

ACTIONS

- TAKEN**
- 1) Approximately 350 tons of hazardous soils from the Better Brite Chrome (BEC) facility were loaded and hauled off-site to Adams Center, Fort Wayne, Indiana.
 - 2) Approximately 30,000 gallons of contaminated storm water and groundwater was pumped from the BEC excavation pit to the on-site water treatment plant in order to dry the pit sufficiently to allow excavation activities to resume.
 - 3) An overflow drain was installed on the west side of the site in order to prevent water from on-site surface water collection ponds from overflowing and migrating off-site. The overflow water is diverted into the excavation pit where it can be safely handled.
 - 4) General site maintenance was performed including covering stockpiles with tarps when not in use, maintaining site fencing, and ensuring control of all on-site water drainage.

**FUTURE
ACTIONS**

- 1) The excavated area at the Better Brite Zinc (BBZ) facility, located at 315 South Sixth St., will be filled and capped.
- 2) Surface and subsurface chromium contamination at the BEC facility will be addressed and hazards associated with these contaminants will be removed. This will include the removal of highly contaminated subsurface and surface soils and the installation of an improved ground water collection system.

COSTS	TOTAL ERCS COST ESTIMATE AS OF 4/13/93 \$1,781,245.14	CEILING \$2,500,000.00
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STATUS Removal Action continuing.

COMPANY: U.S. EPA - BETTER BRINE PLATING
DE PERE, WISCONSIN

FAX LINE: (414) 337-9650
TELE LINE: (414) 337-9631

TO: [SEE PAGE 2 FOR RECIPIENT AND ADDRESS] FAX PHONE# _____

FROM: WALTER NIED, U.S. EPA - OSC

TOPIC: POLREP # 23 OF PHASE II REMOVAL ACTION

NUMBER OF PAGES: 2 INCLUDING COVER SHEET

DATE OF TRANSMISSION: 4/15/93 TIME: 1200

IF YOU HAVE ANY QUESTIONS REGARDING THE TRANSMISSION OF THIS MESSAGE, PLEASE CONTACT:

WALTER NIED - AT (414) 337-9631

cc: D. Rossberg LMD
R. Kamaszlas HSI
R 4-9-93

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V**

DATE 4-8-93

FROM Walter Nied, OSC, Region V, Chicago, IL

TO T. Johnson, U.S. EPA, Wash. D.C.; OS-210 (EPA5511)
R. Bowden, U.S. EPA, ERB, Chicago, IL; 5HS (EPA9538)
T. Geishechker, Chief, Response Section 2, Chicago, IL; 5HS (EPA9538)
J. Cisneros, Chief, Emergency Support Division, Chicago, IL; (EPA9538)
Susan Pastor, OFF PUB AFF, Chicago, IL; 5PA (EPA9513)
Brett Warning, EPA-Office of Regional Counsel
Terry Koehn, WDNR-Green Bay
Gary Edelstein, WDNR-Madison
David Linnear, RPM, Chicago, IL
Office of Solid Waste Management, WDNR

SUBJECT Better Brite Plating site, DePere, Wisconsin
D.O. 5001-05-0301, Site ID# 5Y
TIME PERIOD: 4-2-93 through 4-11-93. POLREP 22 OF Phase II.
Note: Crew demobilized for long weekend 4-9-93 to 4-11-93.

SITUATION Refer to POLREP 1 of Phase II.

ACTIONS

TAKEN

- 1) Hazardous and special waste soils at the Better Brite Chrome (BBC) facility, located at 515 Lande St., were excavated, separated, and stockpiled for loading and off-site shipment.
- 2) 21 loads, approximately 396 tons, of hazardous soils was excavated from BBC facility and hauled off-site to Adams Center, Fort Wayne, Indiana.
- 3) Approximately 3,675 gallons of contaminated groundwater was pumped from the Better Brite Zinc (BBZ) facility located at 315 S. Sixth St., sampled for characterization by laboratory analysis, and transferred to the BBC facility for treatment.

FUTURE

ACTIONS

- 1) The excavated area at the BBZ facility will be filled and capped.
- 2) Surface and subsurface chromium contamination at the BBC facility will be addressed and hazards associated with these contaminants will be removed. This will include the removal of highly contaminated subsurface and surface soils and the installation of an improved ground water collection system.

COSTS

TOTAL ERCS COST ESTIMATE AS OF 4/7/93
\$1,738,580.12

CEILING
\$2,500,000.00

STATUS

Removal Action continuing.

COMPANY: U.S. EPA - BETTER BRITE PLATING
DE PERE, WISCONSIN

FAX LINE: (414) 337-9650

TELE LINE: (414) 337-9631

TO: [SEE PAGE 2 FOR RECIPIENT AND ADDRESS] FAX PHONE# _____

FROM: WALTER NIED, U.S. EPA - OSC

TOPIC: POLREP # 22 OF PHASE II REMOVAL ACTION

NUMBER OF PAGES: 2 INCLUDING COVER SHEET

DATE OF TRANSMISSION: 4/8/93 TIME: _____

IF YOU HAVE ANY QUESTIONS REGARDING THE TRANSMISSION
OF THIS MESSAGE, PLEASE CONTACT:

WALTER NIED - AT (414) 337-9631

cc: D. Rossberg LMD
R. Karneuskas NSI

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V**

DATE 4-1-93

FROM Walter Nied, OSC, Region V, Chicago, IL

TO T. Johnson, U.S. EPA, Wash. D.C.; OS-210 (EPA5511)
R. Bowden, U.S. EPA, ERB, Chicago, IL; 5HS (EPA9538)
T. Geishechker, Chief, Response Section 2, Chicago, IL; 5HS (EPA9538)
J. Cisneros, Chief, Emergency Support Division, Chicago, IL; (EPA9538)
Susan Pastor, OFF PUB AFF, Chicago, IL; 5PA (EPA9513)
Brett Warning, EPA-Office of Regional Counsel
Terry Koehn, WDNR-Green Bay
Gary Edelstein, WDNR-Madison
David Linnear, RPM, Chicago, IL
Office of Solid Waste Management, WDNR

SUBJECT Better Brite Plating site, DePere, Wisconsin
D.O. 5001-05-0301, Site ID# 5Y
TIME PERIOD: 3-29-93 through 4-1-93. POLREP 21 OF Phase II.
Note: Crew demobilized for long weekend due to site constraints and adverse weather conditions 3-24-93 to 3-28-93.

SITUATION Refer to POLREP 1 of Phase II.

**ACTIONS
TAKEN**

- 1) Hazardous and special waste soils at the Better Brite Chrome (BBC) facility, located at 515 Lande St., were excavated, separated, and stockpiled for loading and off-site shipment.
- 2) Additional soils were excavated at the BBC facility from the excavation pit from Lift #5 after a ramp was installed along the edge of the excavation area.
- 3) Approximately 60 tons of hazardous soils was excavated from BBC facility and hauled off-site to Adams Center, Fort Wayne, Indiana.
- 4) Approximately 5700 gallons of contaminated groundwater was pumped from the Better Brite Zinc (BBZ) facility located at 315 S. Sixth St., sampled for characterization by laboratory analysis, and transferred to the BBC facility for treatment.
- 5) Grading of the soil at the BBC facility was continued in order to control storm water flow.
- 6) The driveway at the BBC facility was regraded.

**FUTURE
ACTIONS**

- 1) The excavated area at the BBZ facility will be filled and capped.
- 2) Surface and subsurface chromium contamination at the BBC facility will be addressed and hazards associated with these contaminants will be removed. This will include the removal of highly contaminated subsurface and surface soils and the installation of an improved ground water collection system.

COSTS TOTAL ERCS COST ESTIMATE AS OF 3/30/93
\$1,620,082.35

CEILING
\$2,500,000.00

STATUS Removal Action continuing.

COMPANY: U.S. EPA - BETTER BRITE PLATING
DE PERE, WISCONSIN

FAX LINE: (414) 337-9650
TELE LINE: (414) 337-9631

TO: [SEE PAGE 2 FOR RECIPIENT AND ADDRESS] FAX PHONE# _____

FROM: WALTER NIED, U.S. EPA - OSC

TOPIC: POLREP # 21 OF PHASE II REMOVAL ACTION

NUMBER OF PAGES: 2 INCLUDING COVER SHEET

DATE OF TRANSMISSION: 4/1/93 TIME: _____

IF YOU HAVE ANY QUESTIONS REGARDING THE TRANSMISSION OF THIS MESSAGE, PLEASE CONTACT:

WALTER NIED - AT (414) 337-9631

cc: D Rossberg LMO
R Kavanouskas #51

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V**

DATE 3-24-93

FROM Walter Nied, OSC, Region V, Chicago, IL

TO T. Johnson, U.S. EPA, Wash. D.C.; OS-210 (EPA5511)
R. Bowden, U.S. EPA, ERB, Chicago, IL; 5HS (EPA9538)
T. Geisbecker, Chief, Response Section 2, Chicago, IL; 5HS (EPA9538)
J. Cisneros, Chief, Emergency Support Division, Chicago, IL; (EPA9538)
Susan Pastor, OFF PUB AFF, Chicago, IL; SPA (EPA9513)
Brett Warning, EPA-Office of Regional Counsel
Terry Koehn, WDNR-Green Bay
Gary Edelstein, WDNR-Madison
David Linnear, RPM, Chicago, IL
Office of Solid Waste Management, WDNR

SUBJECT Better Brite Plating site, DePere, Wisconsin
D.O. 5001-05-0301, Site ID# 5Y
TIME PERIOD: 3-19-93 through 3-24-93. POLREP 20 OF Phase II.

SITUATION Refer to POLREP 1 of Phase II.

ACTIONS

- TAKEN**
- 1) Sampling of the third, fourth, and fifth lifts at depths of surface, 1 foot, and 2 feet was completed for disposal acceptance.
 - 2) Soil was excavated at the BBC facility around the perimeter of the site. Excavation of lifts 3 and 4 were completed.
 - 3) Approximately 24 loads (360 cu.yds) of soil classified as special waste was excavated from BBC facility and hauled off-site to Ridgeview Landfill, Whitelaw, WI.
 - 4) Approximately 2400 gallons were pumped out of the sumps over at the BBZ facility.
 - 5) Completed grading of the soil at the BBZ facility.
 - 6) Transported two loads of PPE and contaminated concrete to Waste Management, Fort Wayne, IN for disposal.

FUTURE

- ACTIONS**
- 1) The excavated area at the BBZ facility will be filled and capped.
 - 2) The concrete pad and foundation sands at the BBC facility will be removed in its entirety and hauled off-site as special waste.
 - 3) Surface and subsurface chromium contamination at the BBC facility will be addressed and hazards associated with these contaminants will be removed. This will include the removal of highly contaminated subsurface and surface soils and the installation of an improved ground water collection system.

COSTS TOTAL ERCS COST ESTIMATE AS OF 3/20/93
\$1,565,552.12

CEILING
\$2,500,000.00

STATUS Removal Action continuing.

COMPANY: U.S. EPA - BETTER BRITE PLATING
DE PERE, WISCONSIN

FAX LINE: (414) 337-9650

TELE LINE: (414) 337-9631

TO: [SEE PAGE 2 FOR RECIPIENT AND ADDRESS] FAX PHONE# _____

FROM: WALTER NIED, U.S. EPA - OSC

TOPIC: POLREP # 20 OF PHASE II REMOVAL ACTION

NUMBER OF PAGES: 2 INCLUDING COVER SHEET

DATE OF TRANSMISSION: 3/24/93 TIME: 1015

IF YOU HAVE ANY QUESTIONS REGARDING THE TRANSMISSION OF THIS MESSAGE, PLEASE CONTACT:

WALTER NIED - AT (414) 337-9631

cc: D. Rossberg LMD
R. Kernaushes HSI

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V**

DATE 3-18-93

FROM Walter Nied, OSC, Region V, Chicago, IL

TO T. Johnson, U.S. EPA, Wash. D.C.; OS-210 (EPA5511)
R. Bowden, U.S. EPA, ERB, Chicago, IL; 5HS (EPA9538)
T. Geishecker, Chief, Response Section 2, Chicago, IL; 5HS (EPA9538)
J. Cisneros, Chief, Emergency Support Division, Chicago, IL; (EPA9538)
Susan Pastor, OFF PUB AFF, Chicago, IL; SPA (EPA9513)
Brett Warning, EPA-Office of Regional Counsel
Terry Koehn, WDNR-Green Bay
Gary Edelstein, WDNR-Madison
David Linnear, RPM, Chicago, IL
Office of Solid Waste Management, WDNR

SUBJECT Better Brite Plating site, DePere, Wisconsin
D.O. 5001-05-0301, Site ID# 5Y
TIME PERIOD: 3-12-93 through 3-18-93. POLREP 19 OF Phase II.

SITUATION Refer to POLREP 1 of Phase II.

**ACTIONS
TAKEN**

- 1) Sampling of the second lift at depths of surface, 1 foot, and 2 feet was completed for disposal acceptance.
- 2) Soil was excavated at the BBC facility around the perimeter of the site. Excavation of lift 2 was completed.
- 3) Approximately 95 loads (1425 cu.yds) of soil classified as special waste was excavated from BBC facility and hauled off-site to Ridgeview Landfill, Whitelaw, WI.
- 4) Sampling of the third lift at depths of surface, 1 foot, and 2 feet was completed for disposal acceptance.
- 5) Approximately 2400 gallons were pumped out of the sumps over the BBZ facility.
- 6) Some of the concrete at both the BBZ and BBC facility were broken up and hauled off site as special waste.
- 7) Grading of the soil at the BBZ facility was started.
- 8) A dip tank at the BBC facility was decontaminated and cut up.

**FUTURE
ACTIONS**

- 1) The excavated area at the BBZ facility will be filled and capped.
- 2) The concrete pad and foundation sands at the BBC facility will be removed in its entirety and hauled off-site as special waste.
- 3) Surface and subsurface chromium contamination at the BBC facility will be addressed and hazards associated with these contaminants will be removed. This will include the removal of highly contaminated subsurface and surface soils and the installation of an improved ground water collection system.

COSTS TOTAL ERCS COST ESTIMATE AS OF 3/17/93
\$1,503,710.03

CEILING
\$2,500,000.00

STATUS Removal Action continuing.

COMPANY: U.S. EPA - BETTER BRITE PLATING
DE PERE, WISCONSIN

FAX LINE: (414) 337-9650
TELE LINE: (414) 337-9631

TO: [SEE PAGE 2 FOR RECIPIENT AND ADDRESS] FAX PHONE# _____

FROM: WALTER NIED, U.S. EPA - OSC

TOPIC: POLREP # 19 OF PHASE II REMOVAL ACTION

NUMBER OF PAGES: 2 INCLUDING COVER SHEET

DATE OF TRANSMISSION: 3/18/93 TIME: 1345

IF YOU HAVE ANY QUESTIONS REGARDING THE TRANSMISSION OF THIS MESSAGE, PLEASE CONTACT:

WALTER NIED - AT (414) 337-9631

X 3-11-93
cc: G. Edelstein SW/3
D. Rosdang LMD
R. Kameushas HSI

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V**

DATE 3-11-93
FROM Walter Nied, OSC, Region V, Chicago, IL
TO T. Johnson, U.S. EPA, Wash. D.C.; OS-210 (EPA5511)
R. Bowden, U.S. EPA, ERB, Chicago, IL; 5HS (EPA9538)
T. Geishechker, Chief, Response Section 2, Chicago, IL; 5HS (EPA9538)
J. Cisneros, Chief, Emergency Support Division, Chicago, IL; (EPA9538)
Susan Pastor, OFF PUB AFF, Chicago, IL; 5PA (EPA9513)
Brett Warning, EPA-Office of Regional Counsel
Terry Koehn, WDNR-Green Bay
Gary Edelstein, WDNR-Madison
David Linnear, RPM, Chicago, IL
Office of Solid Waste Management, WDNR
SUBJECT Better Brite Plating site, DePere, Wisconsin
D.O. 5001-05-0801, Site ID# 5Y
TIME PERIOD: 3-5-93 through 3-11-93. POLREP 18 OF Phase II.

SITUATION Refer to POLREP 1 of Phase II.

ACTIONS

TAKEN

- 1) Surface and one foot depth soil samples were collected outside the chrome site excavation area. Analytical results of these samples will determine the lateral extent of uncontainment.
- 2) Approximately 117 loads (1755 cu.yds) of soil classified as special waste was excavated from BBC facility and hauled off-site to Ridgeview Landfill, Whitelaw, WI.
- 3) Private contractor completed removing the sheet pilings from the Zinc site.
- 4) Crew is continuing to decontaminate the sheet pilings that were removed from the Zinc site location.
- 5) Approximately 5600 gallons were pumped out of the sumps over at the BBZ facility.

FUTURE

ACTIONS

- 1) The excavated area at the BBZ facility will be filled and capped.
- 2) The concrete pad and foundation sands at the BBC facility will be removed in its entirety and hauled off-site as special waste.
- 3) Surface and subsurface chromium contamination at the BBC facility will be addressed and hazards associated with these contaminants will be removed. This will include the removal of highly contaminated subsurface and surface soils and the installation of an improved ground water collection system.

COSTS TOTAL ERCS COST ESTIMATE AS OF 3/9/93 CEILING
\$1,376,613.84 \$2,500,000.00

STATUS Removal Action continuing.

COMPANY: U.S. EPA - BETTER BRITE PLATING
DE PERE, WISCONSIN

FAX LINE: (414) 337-9650
TELE LINE: (414) 337-9631

TO: [SEE PAGE 2 FOR RECIPIENT AND ADDRESS] FAX PHONE# _____

FROM: WALTER NIED, U.S. EPA - OSC

TOPIC: POLREP # 18 OF PHASE II REMOVAL ACTION

NUMBER OF PAGES: 2 INCLUDING COVER SHEET

DATE OF TRANSMISSION: 3/11/93 TIME: 1345

IF YOU HAVE ANY QUESTIONS REGARDING THE TRANSMISSION
OF THIS MESSAGE, PLEASE CONTACT:

WALTER NIED - AT (414) 337-9631

cc: D. Rossberg LMD
R. Karauskas NSI

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V**

DATE 3-4-93

FROM Walter Nied, OSC, Region V, Chicago, IL

TO T. Johnson, U.S. EPA, Wash. D.C.; OS-210 (EPA5511)
R. Bowden, U.S. EPA, ERB, Chicago, IL; 5HS (EPA9538)
T. Geishecker, Chief, Response Section 2, Chicago, IL; 5HS (EPA9538)
J. Cisneros, Chief, Emergency Support Division, Chicago, IL; (EPA9538)
Susan Pastor, OFF PUB AFF, Chicago, IL; 5PA (EPA9513)
Brett Warning, EPA-Office of Regional Counsel
Terry Koehn, WDNR-Green Bay
Gary Edelstein, WDNR-Madison
David Linnear, RPM, Chicago, IL
Office of Solid Waste Management, WDNR

SUBJECT Better Brite Plating site, DePere, Wisconsin
D.O. 5001-05-0301, Site ID# 5Y
TIME PERIOD: 3-1-93 through 3-4-93. POLREP 17 OF Phase II.

SITUATION Refer to POLREP 1 of Phase II.

ACTIONS

- TAKEN**
- 1) Deep and shallow monitoring wells located across Sixth St. from the BBZ facility was sampled.
 - 2) Surface soil samples were collected around the perimeter of the chrome site. Analytical results of these samples enabled to define the lateral extent of contamination.
 - 3) Approximately 25 loads (375 cu.yds) of soil classified as special waste was excavated from BBC facility and hauled off-site to Ridgeview Landfill, Whitelaw, WI.
 - 4) Private contractor has begun removing the sheet piling from the Zinc site.
 - 5) Crew decontaminated the sheet pilings that were removed from the Zinc site location.

FUTURE

- ACTIONS**
- 1) The excavated area at the BBZ facility will be filled and capped
 - 2) The concrete pad and foundation sands at the BBC facility will be removed in its entirety and hauled off-site as special waste.
 - 3) Surface and subsurface chromium contamination at the BBC facility will be addressed and hazards associated with these contaminants will be removed. This may include the removal of highly contaminated subsurface and surface soils and the installation of an improved ground water collection system.

COSTS	TOTAL ERCS COST ESTIMATE AS OF 3/2/93	CEILING
	\$1,249,123.42	\$2,500,000.00

STATUS Removal Action continuing.

COMPANY: U.S. EPA - BETTER BRIVE PLATING
DE PERE, WISCONSIN

FAX LINE: (414) 337-9650

TELE LINE: (414) 337-9631

TO: [SEE PAGE 2 FOR RECIPIENT AND ADDRESS] FAX PHONE# _____

FROM: WALTER NIED, U.S. EPA - OSC

TOPIC: POLREP # 17 OF PHASE II REMOVAL ACTION

NUMBER OF PAGES: 2 INCLUDING COVER SHEET

DATE OF TRANSMISSION: 3/4/93 TIME: 1825

IF YOU HAVE ANY QUESTIONS REGARDING THE TRANSMISSION
OF THIS MESSAGE, PLEASE CONTACT:

WALTER NIED - AT (414) 337-9631

TC 2-19-93

CC: D. Rossberg LMD
R. Kannauskas NSI

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V**

DATE 2-19-93

FROM Walter Nied, OSC, Region V, Chicago, IL

TO T. Johnson, U.S. EPA, Wash. D.C.; OS-210 (EPA5511)
R. Bowden, U.S. EPA, ERB, Chicago, IL; 5HS (EPA9538)
T. Geishechker, Chief, Response Section 2, Chicago, IL; 5HS (EPA9538)
J. Cisneros, Chief, Emergency Support Division, Chicago, IL; (EPA9538)
Susan Pastor, OFF PUB AFF, Chicago, IL; 5PA (EPA9513)
Brett Warning, EPA-Office of Regional Counsel
Terry Koehn, WDNR-Green Bay
Gary Edelstein, WDNR-Madison
David Linnear, RPM, Chicago, IL
Office of Solid Waste Management, WDNR

SUBJECT Better Brite Plating site, DePere, Wisconsin
D.O. 5001-05-0301, Site ID# 5Y
TIME PERIOD: 2-12-93 through 2-19-93. POLREP 16 OF Phase II.

SITUATION Refer to POLREP 1 of Phase II.

**ACTIONS
TAKEN**

- 1) Approximately 9 tons of hazardous soils from the Better Brite Zinc (BBZ) facility, located at 315 S. Sixth St., were shipped off-site for treatment and disposal. This material was disposed at Controlled Waste in Menomonee Falls, Wisconsin.
- 2) The deep (to bedrock) monitoring well located across Sixth St. from the BBZ facility was developed. The well was purged until dry.
- 3) Soil borings were begun at the BBZ facility in order to characterize extent of contamination in areas adjacent to but not encompassed by the ground water collection system.
- 4) An estimate of the volume of contaminated soil at the Better Brite Chrome (BBC) facility, located at 515 Lande St., was continued, based on data generated by soil borings, which continued to be collected at the site.
- 5) The crew continued excavating the concrete and sand from the foundation at the BBC facility and stage it for eventual disposal. Stained concrete was segregated and sampled separately for disposal purposes.
- 6) Approximately 21 loads of concrete and sand from the foundation of the BBC facility was hauled off-site as special waste to Ridgeview Landfill, Whitelaw, WI.
- 7) Additional soil samples were collected from the surface soils of the BBC facility in order to further characterize extent of contamination.

**FUTURE
ACTIONS**

- 1) The excavated area at the BBZ facility will be filled and capped.
- 2) The concrete pad and foundation sands at the BBC facility will be removed in its entirety and hauled off-site as special waste.
- 3) Surface and subsurface chromium contamination at the BBC facility will be addressed and hazards associated with these contaminants will be removed. This may include the removal of highly contaminated subsurface and surface soils and the installation of an improved ground water collection system.

COSTS TOTAL ERCS COST ESTIMATE AS OF 2/17/93
\$1,182,412.16

CEILING
\$2,500,000.00

STATUS Removal Action continuing.

COMPANY: U.S. EPA - BETTER BRITE PLATING
DE PERE, WISCONSIN
FAX LINE: (414) 337-9650
TELE LINE: (414) 337-9631

TO: [SEE PAGE 2 FOR RECIPIENT AND ADDRESS] FAX PHONE# _____

FROM: WALTER NIED, U.S. EPA - OSC

TOPIC: POLREP # 16 OF PHASE II REMOVAL ACTION

NUMBER OF PAGES: 2 INCLUDING COVER SHEET

DATE OF TRANSMISSION: 2/19/93 TIME: 1330

IF YOU HAVE ANY QUESTIONS REGARDING THE TRANSMISSION OF THIS MESSAGE, PLEASE CONTACT:

WALTER NIED -- AT (414) 337-9631

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

cc: D. Rossberg SW/3
R. Kamauskas ASI

DATE 2-11-93
FROM Walter Nied, OSC, Region V, Chicago, IL

TO T. Johnson, U.S. EPA, Wash. D.C.; OS-210 (EPA5511)
R. Bowden, U.S. EPA, ERB, Chicago, IL; 5HS (EPA9538)
T. Geishecker, Chief, Response Section 2, Chicago, IL; 5HS (EPA9538)
J. Cisneros, Chief, Emergency Support Division, Chicago, IL; (EPA9538)
Susan Pastor, OFF PUB AFF, Chicago, IL; SPA (EPA9513)
Brett Warning, EPA-Office of Regional Counsel
Terry Koehn, WDNR-Green Bay
Gary Edelstein, WDNR-Madison
David Linnear, RPM, Chicago, IL
Office of Solid Waste Management, WDNR

SUBJECT Better Brite Plating site, DePere, Wisconsin
D.O. 5001-05-0301, Site ID# 5Y
TIME PERIOD: 2-05-93 through 2-11-93. POLREP 15 OF Phase II.

SITUATION Refer to POLREP 1 of Phase II.

**ACTIONS
TAKEN**

- 1) Approximately 45 tons of hazardous soils from the Better Brite Zinc (BBZ) facility, located at 315 S. Sixth St., were shipped off-site for treatment and disposal. This material was disposed at Controlled Waste in Menomonee Falls, Wisconsin.
- 2) Soil from the clean-soil stockpile at the BBZ facility was used as backfill on top of the washed limestone in the ground water collection system. The entire stockpile of clean clay at the BBZ site was used as backfill and compacted. The stockpile area outside of the fence on the east side of the site was cleaned up and the fence was placed back into position.
- 3) The shallow monitoring well located across Sixth St. from the BBZ facility was developed. The well was purged until dry.
- 4) An estimate of the volume of contaminated soil at the Better Brite Chrome (BBC) facility, located at 515 Lande St., was continued, based on data generated by soil borings, which continue to be collected at the site.
- 5) The crew began to pull up the concrete pad at the BBC facility and stage it for eventual disposal.
- 6) The well drilling subcontractor attempted to remove a blockage in the deep monitoring well located across the street from the BBZ facility which occurred during installation. This effort was unsuccessful and a new well was installed after the blocked one was properly abandoned.

**FUTURE
ACTIONS**

- 1) The excavated area at the BBZ facility will be filled and capped.
- 2) The concrete pad at the BBC facility will be removed in its entirety.
- 3) Surface and subsurface chromium contamination at the BBC facility will be addressed and hazards associated with these contaminants will be removed.

COSTS	TOTAL ERCS COST ESTIMATE AS OF 2/8/93	CEILING
	\$1,071,777.39	\$2,500,000.00

STATUS Removal Action continuing.

COMPANY: U.S. EPA - BETTER BRINE PLATING
DE PERE, WISCONSIN

FAX LINE: (414) 337-9650

TELE LINE: (414) 337-9631

TO: [SEE PAGE 2 FOR RECIPIENT AND ADDRESS] FAX PHONE# _____

FROM: WALTER NIED, U.S. EPA - OSC

TOPIC: POLREP # 15 OF PHASE II REMOVAL ACTION

NUMBER OF PAGES: 2 INCLUDING COVER SHEET

DATE OF TRANSMISSION: 2/11/93 TIME: 1545

IF YOU HAVE ANY QUESTIONS REGARDING THE TRANSMISSION
OF THIS MESSAGE, PLEASE CONTACT:

WALTER NIED - AT (414) 337-9631

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE 2-04-93

FROM Walter Nied, OSC, Region V, Chicago, IL

Don Corz...
for WN
2/4/93

TO T. Johnson, U.S. EPA, Wash, D.C.; OS-210 (EPA5511)
R. Bowden, U.S. EPA, BRB, Chicago, IL; 5HS (EPA9538)
T. Geishechker, Chief, Response Section 2, Chicago, IL; 5HS (EPA9538)
J. Cisneros, Chief, Emergency Support Division, Chicago, IL; (EPA9538)
Susan Pastor, OFF PUB AFF, Chicago, IL; 5PA (EPA9513)
Brett Warning, EPA-Office of Regional Counsel
Terry Koehn, WDNR-Green Bay
Gary Edelstein, WDNR-Madison
David Linnear, RPM, Chicago, IL
Office of Solid Waste Management, WDNR

SUBJECT Better Brite Plating site, DePere, Wisconsin
D.O. 5001-05-0301, Site ID# 5Y
TIME PERIOD: 1-29-93 through 2-04-93. POLREP 14 OF Phase II.

SITUATION Refer to POLREP 1 of Phase II.

ACTIONS

TAKEN

- 1) Approximately 400 tons of hazardous soils from the Better Brite Zinc (BBZ) facility, located at 315 S. Sixth St., were loaded and shipped off-site for treatment and disposal. Approximately 100 tons of this material was disposed at Controlled Waste in Menomonee Falls, Wisconsin. The remainder was disposed of at Adams Center in Fort Wayne, Indiana.
- 2) Pea gravel was added to the collection system at the BBZ facility around the collection pipes at the bottom. Filter fabric was then added on top of the pea gravel. Then, 3/4 inch washed limestone was added on top of the filter fabric.
- 3) The collection pipes in the BBZ facility ground water collection system were connected to a large, vertical, perforated standpipe which was placed at the low point of the collection system. The collected groundwater will be collected from this pipe. The standpipe was wrapped with filter fabric and surrounded with 1 1/2 inch gravel.
- 4) Soil from the clean-soil stockpile at the BBZ facility was used as backfill on top of the washed limestone in the ground water collection system. Filter fabric was placed on the washed limestone before adding the clean soil.
- 5) A sample of the water that began to collect in the ground water collection system was sampled for characterization.
- 6) An estimate of the volume of contaminated soil at the Better Brite Chrome (BBC) facility, located at 515 Lande St., was begun.
- 7) The concrete pad and the sandy soils found under the foundation at the BBC facility were sampled for analysis to determine the appropriate disposal method.
- 8) OSC visited the Konrath, Fisher, Aldrich, and Boyea homes to update them on site activities and ask if they have any concerns.

FUTURE

ACTIONS

- 1) The excavated area at the BBZ facility will be filled and capped.
- 2) Similar environmental threats at the BBC facility will be addressed upon completion of work at the BBZ facility.

COSTS

TOTAL ERCS COST ESTIMATE AS OF 1/31/93
\$928,998.88

CEILING
\$2,500,000.00

STATUS

Removal Action continuing.

COMPANY: U.S. EPA - BETTER BRITE PLATING
DE PERE, WISCONSIN

FAX LINE: (414) 337-9650
TELE LINE: (414) 337-9631

TO: [SEE PAGE 2 FOR RECIPIENT AND ADDRESS] FAX PHONE# _____

FROM: WALTER NIED, U.S. EPA - OSC

TOPIC: POLREP # 14 OF PHASE II REMOVAL ACTION

NUMBER OF PAGES: 2 INCLUDING COVER SHEET

DATE OF TRANSMISSION: 2/4/93 TIME: 1430

IF YOU HAVE ANY QUESTIONS REGARDING THE TRANSMISSION OF THIS MESSAGE, PLEASE CONTACT:

WALTER NIED - AT (414) 337-9631

MODE = TRANSMISSION

START=FEB-04 13:18

END=FEB-04 13:20

NO.	COM	SPEED DIALSTATION NAME/ TELEPHONE NO.	PAGES	PRG.NO.	PROGRAM NAME
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-LMD/SOLID WASTE -

***** -

- *****

cc: D. Rossberg LMD
R. Kawauskas HSI

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V**

DATE 1-29-93

FROM Walter Nied, OSC, Region V, Chicago, IL

TO T. Johnson, U.S. EPA, Wash. D.C.; OS-210 (EPA5511)
R. Bowden, Chief, Emergency Response Branch, Chicago, IL; 5HS (EPA9538)
T. Geishecker, Chief, Response Section 2, Chicago, IL; 5HS (EPA9538)
J. Cisneros, Chief, Emergency Support Division, Chicago, IL; (EPA9538)
Susan Pastor, OFF PUB AFF, Chicago, IL; 5PA (EPA9513)
Brett Warning, EPA-Office of Regional Counsel
Terry Koehn, WDNR-Green Bay
Gary Edelstein, WDNR-Madison
Dan Cozza, Acting RPM, Chicago, IL
Office of Solid Waste Management, WDNR

SUBJECT Better Brite Plating site, DePere, Wisconsin
D.O. 5001-05-0301, Site ID# 5Y

TIME PERIOD: 1-25-93 through 1-29-93. POLREP 13 OF Phase II.

SITUATION Refer to POLREP 1 of Phase II.

**ACTIONS
TAKEN**

- 1) Approximately 745 tons of hazardous soils from the BBZ facility were loaded and shipped off-site for treatment and disposal. Approximately 207 tons of this material was disposed at Controlled Waste in Menomonee Falls, Wisconsin. The remainder was disposed of at Adams Center in Fort Wayne, Indiana.
- 2) Site maintenance continued including grading and maintaining on-site gravel roadways, and cleaning soils from sheet piling inside the excavation pit, and grading the excavation area in order to collect.
- 3) Excavation pit at BBZ was graded to specifications for installation of a groundwater collection system. A 40-mil liner was spread over the pit bottom. The 6" perforated pipe and the two vertical cleanout pipes were installed. Backfilling of the trenches with pea gravel was nearly completed. Filter fabric was placed over pea gravel prior to beginning backfilling with 3/4" gravel.

- FUTURE
ACTIONS**
- 1) Disposal will continue at the BBZ facility.
 - 2) The groundwater collection system will continue to be installed at the BBZ facility.
 - 3) The excavated area at the BBZ facility will be filled and capped.
 - 4) Similar environmental threats at the BBC facility will be addressed upon completion of work at the BBZ facility.

COSTS TOTAL ERCS COST ESTIMATE AS OF 1/18/93 CEILING
\$789,420.42 \$2,500,000.00

STATUS Removal Action continuing.

COMPANY: U.S. EPA - BETTER BRITE PLATING
DE PERE, WISCONSIN

FAX LINE: (414) 337-9650
TELE LINE: (414) 337-9631

TO: [SEE PAGE 2 FOR RECIPIENT AND ADDRESS] FAX PHONE# _____

FROM: WALTER NIED, U.S. EPA - OSC

TOPIC: POLREP # 13 OF PHASE II REMOVAL ACTION

NUMBER OF PAGES: 2 INCLUDING COVER SHEET

DATE OF TRANSMISSION: 1/29/93 TIME: 1000

IF YOU HAVE ANY QUESTIONS REGARDING THE TRANSMISSION OF THIS MESSAGE, PLEASE CONTACT:

WALTER NIED - AT (414) 337-9631

TO: Robert Kannaughas,
Simon - Hydro Search

FROM: Terry Kaehn - WDR

SUBJECT-MESSAGE

Bedon Bride

For your information, please note attached
copies of ERBs weekly Pol Rep's

REPLY

SIGNED

T Kaehn

DATE 1-25-93

cc: G Edelstein SW/3

w/o att.

cc: D. Rossberg LMD

1-25-93

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE 1-22-93
FROM Walter Nied, OSC, Region V, Chicago, IL
TO T. Johnson, U.S. EPA, Wash. D.C.; OS-210 (EPA5511)
R. Bowden, Chief, Emergency Response Branch, Chicago, IL; SHS (EPA9538)
T. Geishechker, Chief, Response Section 2, Chicago, IL; SHS (EPA9538)
J. Cisneros, Chief, Emergency Support Division, Chicago, IL; (EPA9538)
Susan Pastor, OFF PUB AFF, Chicago, IL; SPA (EPA9513)
Brett Warning, EPA-Office of Regional Counsel
Terry Koehn, WDNR-Green Bay
Gary Edelstein, WDNR-Madison
Dan Cozza, Acting RPM, Chicago, IL
Office of Solid Waste Management, WDNR

SUBJECT Better Brite Plating site, DePere, Wisconsin
D.O. 5001-05-0301, Site ID# 5Y

TIME PERIOD: 1-14-93 through 1-22-93. POLREP 12 OF Phase II.

SITUATION Refer to POLREP 1 of Phase II.

ACTIONS 1) Completed excavation of contaminated soils at Better Brite Zinc.

TAKEN

- 2) Approximately 450 tons of hazardous soils from the BBZ facility were loaded and shipped off-site for treatment and disposal. Approximately 150 tons of this material was disposed at Controlled Waste in Menomonee Falls, Wisconsin. The remainder was disposed of at Adams Center in Fort Wayne, Indiana.
- 3) Site maintenance continued including grading and maintaining on site gravel roadways, cleaning soils from sheet piling inside the excavation pit, and grading the excavation area in order to collect and control storm- and ground-water.
- 4) Completed Phase I boring program at Better Brite Chrome.

FUTURE

1) Disposal will continue at the BBZ facility.

ACTIONS

- 2) A groundwater collection system will be installed at the BBZ facility starting next week.
- 3) The excavated area at the BBZ facility will be filled and capped.
- 4) Similar environmental threats at the BBZ facility will be addressed upon completion of work at the BBZ facility.

COSTS

TOTAL ERCS COST ESTIMATE AS OF 1/18/93
\$745,738.88

CEILING
\$2,500,000.00

STATUS

Removal Action continuing.

COMPANY: U.S. EPA - BETTER BRITE PLATING
DE PERE, WISCONSIN

FAX LINE: (414) 337-9650
TELE LINE: (414) 337-9631

TO: [SEE PAGE 2 FOR RECIPIENT AND ADDRESS] FAX PHONE# _____

FROM: WALTER NIED, U.S. EPA - OSC

TOPIC: POLREP # 12 OF PHASE II REMOVAL ACTION

NUMBER OF PAGES: 2 INCLUDING COVER SHEET

DATE OF TRANSMISSION: 1/22/93 TIME: 15.00

IF YOU HAVE ANY QUESTIONS REGARDING THE TRANSMISSION OF THIS MESSAGE, PLEASE CONTACT:

WALTER NIED - AT (414) 337-9631

cc: D. Rossberg LMD
K 1-14-93

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V**

DATE 1-14-93
FROM Walter Nied, OSC, Region V, Chicago, IL
TO T. Johnson, U.S. EPA, Wash. D.C.; 06-210 (EPA5511)
R. Bowden, Chief, Emergency Response Branch, Chicago, IL; 5HS (EPA9538)
T. Geishechker, Chief, Response Section 2, Chicago, IL; 5HS (EPA9538)
J. Cisneros, Chief, Emergency Support Division, Chicago, IL; (EPA9538)
Susan Pastor, OFF PUB AFF, Chicago, IL; SPA (EPA9513)
Brett Warning, EPA-Office of Regional Counsel
Terry Koehn, WDNR-Green Bay
Gary Edelstein, WDNR-Madison
Dan Cozza, Acting RPM, Chicago, IL
Office of Solid Waste Management, WDNR
SUBJECT Better Brite Plating site, DePere, Wisconsin
D.O. 5001-05-0301, Site ID# 5Y

TIME PERIOD: 1-8-93 through 1-13-93. POLREP 11 OF Phase II.

SITUATION Refer to POLREP 1 of Phase II.

ACTIONS TAKEN 1) Each layer of clay found in the excavation area at the Better Brite Zinc (BBZ) facility, located at 315 South Sixth Street, was sampled and characterized by laboratory analysis before disposal. In addition, the layers were further subdivided before sampling in order to minimize the hazardous soil wastestream. Excavation depths are at 19 feet and 1/2 of the excavated area has been confirmed clean.
2) Approximately 305 tons of hazardous soils from the BBZ facility were loaded and shipped off-site for treatment and disposal. Approximately 24 tons of this material was disposed at Controlled Waste in Menomonee Falls, Wisconsin. The remainder was disposed of at Adams Center in Fort Wayne, Indiana.
3) Site maintenance continued including grading and maintaining on-site gravel roadways, cleaning soils from sheet piling inside the excavation pit, and grading the excavation area in order to collect and control storm- and ground-water.
4) Four soil borings locations have been completed at the Better Brite Chrome (BBC) facility, located at 515 Lande Street, in order to further characterize extent of contamination. Samples are being collected to 20 foot depths at two foot intervals and will be analyzed for total and TCLP Chromium.

FUTURE ACTIONS 1) Excavation and disposal will continue at the BBZ facility.
2) A groundwater collection system will be installed at the BBZ facility.
3) The excavated area at the BBZ facility will be filled and capped.
4) Similar environmental threats at the BBC facility will be addressed upon completion of work at the BBZ facility.

COSTS TOTAL ERCS COST ESTIMATE AS OF 1/12/93
\$659,225.06 CEILING \$2,500,000.00

STATUS Removal Action continuing.

COMPANY: U.S. EPA - BETTER BRITE PLATING
DE PERE, WISCONSIN

FAX LINE: (414) 337-9650
TELE LINE: (414) 337-9631

TO: [SEE PAGE 2 FOR RECIPIENT AND ADDRESS] FAX PHONE# _____

FROM: WALTER NIED, U.S. EPA - OSC

TOPIC: POLREP # 11 OF PHASE II REMOVAL ACTION

NUMBER OF PAGES: 2 INCLUDING COVER SHEET

DATE OF TRANSMISSION: 1/14/93 TIME: 0900

IF YOU HAVE ANY QUESTIONS REGARDING THE TRANSMISSION OF THIS MESSAGE, PLEASE CONTACT:

WALTER NIED - AT (414) 337-9631

cc: D Rossberg LMD

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE 1-07-93
FROM Walter Nied, OSC, Region V, Chicago, IL
TO T. Johnson, U.S. EPA, Wash. D.C.; OS-210 (EPA5511)
R. Bowden, Chief, Emergency Response Branch, Chicago, IL; 5HS (EPA9538)
T. Geishechker, Chief, Response Section 2, Chicago, IL; 5HS (EPA9538)
J. Cisneros, Chief, Emergency Support Division, Chicago, IL; (EPA9538)
John Maritote, EERB, Chicago, IL
Susan Pastor, OFF PUB AFF, Chicago, IL; 5PA (EPA9513)
Brett Warning, EPA-Office of Regional Counsel
Terry Koehn, WDNR-Green Bay
Gary Edelstein, WDNR-Madison
Dan Cozza, Acting RPM, Chicago, IL
Office of Solid Waste Management, WDNR
SUBJECT Better Brite Plating site, DePere, Wisconsin
D.O. 5001-05-0301, Site ID# 5Y

TIME PERIOD: 12-23-92 through 1-07-93. POLREP 10 OF Phase II.
Note: Crew departed site from 12/23/92 through 1/04/93. OSC Nied supervised off-site shipment which occurred during this time period.

SITUATION Refer to POLREP 1 of Phase II.

ACTIONS TAKEN 1) Each layer of clay found in the excavation area at the Better Brite Zinc (BBZ) facility, located at 315 South Sixth Street, was sampled and characterized by laboratory analysis before disposal.
2) Approximately 1,330 tons of hazardous soils from the BBZ facility were loaded and shipped off-site for treatment and disposal. Approximately 310 tons of this material was disposed at Controlled Waste in Menomonee Falls, Wisconsin. The remainder was disposed of at Adams Center in Fort Wayne, Indiana.
3) Site maintenance continued including grading and maintaining on-site gravel roadways, cleaning soils from sheet piling inside the excavation pit, and grading the excavation area in order to collect and control storm- and ground-water.
4) Additional soil borings were collected at the Better Brite Chrome (BBC) facility, located at 515 Lande Street, in order to further characterize extent of contamination.

FUTURE ACTIONS 1) Excavation and disposal will continue at the BBZ facility.
2) A groundwater collection system will be installed at the BBZ facility.
3) The excavated area at the BBZ facility will be filled and capped.
4) Similar environmental threats at the BBC facility will be addressed upon completion of work at the BBZ facility.

COSTS TOTAL ERCS COST ESTIMATE AS OF 1/04/93 CEILING
\$458,274.80 \$2,500,000.00

STATUS Removal Action continuing.

COMPANY: U.S. EPA - BETTER BRINE PLATING
DE PERE, WISCONSIN

FAX LINE: (414) 337-9650

TELE LINE: (414) 337-9631

TO: [SEE PAGE 2 FOR RECIPIENT AND ADDRESS] FAX PHONE# _____

FROM: WALTER NIED, U.S. EPA - OSC

TOPIC: POLREP # 10 OF PHASE II REMOVAL ACTION

NUMBER OF PAGES: 2 INCLUDING COVER SHEET

DATE OF TRANSMISSION: 1/7/93 TIME: 1545

IF YOU HAVE ANY QUESTIONS REGARDING THE TRANSMISSION OF THIS MESSAGE, PLEASE CONTACT:

WALTER NIED - AT (414) 337-9631

12-23-92
cc: D. Rossberg, LMD

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE 12-23-92
FROM Walter Nied, OSC, Region V, Chicago, IL
TO T. Johnson, U.S. EPA, Wash. D.C.; OS-210 (EPA5511)
R. Bowden, Chief, Emergency Response Branch, Chicago, IL; 5HS (EPA9538)
T. Geishechker, Chief, Response Section 2, Chicago, IL; 5HS (EPA9538)
J. Cisneros, Chief, Emergency Support Division, Chicago, IL; (EPA9538)
John Marituta, EERE, Chicago, IL
Susan Pastor, OFF PUB AFF, Chicago, IL; 5PA (EPA9513)
Brett Warning, EPA-Office of Regional Counsel
Terry Koehn, WDNR-Green Bay
Gary Edelstein, WDNR-Madison
Dan Cozza, Acting RPM, Chicago, IL
Office of Solid Waste Management, WDNR

SUBJECT Better Brite Plating site, DePere, Wisconsin
D.O. 5001-05-0301, Site ID# 5Y

TIME PERIOD: 12-18-92 through 12-23-92. POLREP 9 OF Phase II.

SITUATION Refer to POLREP 1 of Phase II.

ACTIONS TAKEN

- 1) Each layer of clay found in the excavation area at the Better Brite Zinc (BBZ) facility, located at 315 South Sixth Street, was sampled and characterized by laboratory analysis before disposal.
- 2) Approximately 300 tons of hazardous soils from the BBZ facility were loaded and shipped off-site for treatment and disposal at the Chemical Waste Management (CWM) Treatment Plant, Menomonee Falls, Wisconsin.
- 3) Site maintenance continued including grading and maintaining on-site gravel roadways, cleaning soils from sheet piling inside the excavation pit, and grading the excavation area in order to collect and control storm- and ground-water.
- 4) Because excavation activities are exceeding CWM's capacity for treatment, 51 20-yd rolloff boxes and 17 12-yd rolloff boxes loaded with hazardous soil are temporarily being stored at the Better Brite Chrome facility.
- 5) 15 20-yd boxes and 17 12-yd boxes have been scheduled for transportation to CWM during the week of 12-28-92.

FUTURE ACTIONS

- 1) Excavation and disposal will continue at the BBZ facility.
- 2) A groundwater collection system will be installed at the BBZ facility.
- 3) The excavated area at the BBZ facility will be filled and capped.

COSTS

TOTAL ERCS COST ESTIMATE AS OF 12/20/92	CEILING
\$438,073.25	\$500,000.00

STATUS Removal Action continuing.

COMPANY: U.S. EPA - BETTER BRTE PLATING
DEPERE, WISCONSIN
FAX LINE: (414) 337-9650
TELE LINE: (414) 337-9631

TO: REFER TO PAGE 2 FOR RECIPIENT AND FAX PHONE# _____
ADDRESS

FROM: WALTER NIED, U.S. EPA OSC

TOPIC: POLREP # 9 OF PHASE II REMOVAL ACTION

NUMBER OF PAGES: 2 INCLUDING COVER SHEET

DATE OF TRANSMISSION: 12/23/92 TIME: 08:00

IF YOU HAVE ANY QUESTIONS REGARDING THE TRANSMISSION OF THIS MESSAGE, PLEASE CONTACT:

WALTER NIED AT (414) 337-9631

K 12-18-92

cc: D. Rossberg LMD

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V**

DATE 12-17-92

FROM Walter Nied, OSC, Region V, Chicago, IL

TO T. Johnson, U.S. EPA, Wash. D.C.; OS-210 (EPA5511)
R. Bowden, Chief, Emergency Response Branch, Chicago, IL; 5HS (EPA9538)
T. Geishechker, Chief, Response Section 2, Chicago, IL; 5HS (EPA9538)
J. Cisneros, Chief, Emergency Support Division, Chicago, IL; (EPA9538)
John Maritote, EERB, Chicago, IL
Susan Pastor, OFF PUB AFF, Chicago, IL; SPA (EPA9513)
Brett Warning, EPA-Office of Regional Counsel
Terry Koehn, WDNR-Green Bay
Gary Edelstein, WDNR-Madison
Dan Cozza, Acting RPM, Chicago, IL
Office of Solid Waste Management, WDNR

SUBJECT Better Brite Plating site, DePere, Wisconsin
D.O. 5001-05-0301, Site ID# 5Y

TIME PERIOD: 12-10-92 through 12-17-92. POLREP 8 OF Phase II.

SITUATION Refer to POLREP 1 of Phase II.

ACTIONS TAKEN

- 1) Each layer of clay found in the excavation area at the Better Brite Zinc (BBZ) facility, located at 315 South Sixth Street, was sampled and characterized by laboratory analysis before disposal.
- 2) Approximately 200 tons of hazardous soils from the BBZ facility were loaded and shipped off-site for treatment and disposal at the Chemical Waste Management (CWM) Treatment Plant, Menomonee Falls, Wisconsin.
- 3) Site maintenance continued including grading and maintaining on-site gravel roadways, cleaning soils from sheet piling inside the excavation pit, and grading the excavation area in order to collect and control storm- and ground-water.
- 4) 10 loads of gravel were delivered to the Better Brite Chroma (BBC) facility located at 515 Lande Street for the creation of a roll-off box staging area.
- 5) Approximately 10,000 gallons of contaminated water that gathered in the excavation pit by storm water flow or ground water seepage was staged in plastic tanks at the BBZ facility and transferred to the BBC facility for treatment.

FUTURE ACTIONS

- 1) Excavation and disposal will continue at the BBZ facility.
- 2) A groundwater collection system will be installed at the BBZ facility.
- 3) The excavated area at the BBZ facility will be filled and capped.

COSTS TOTAL ERCS COST ESTIMATE AS OF 12-15-92 CEILING
\$398,524.42 \$500,000.00

STATUS Removal Action continuing.

COMPANY: U.S. EPA - BETTER BRUTE PLATING
DEPERE, WISCONSIN
 FAX LINE: (414) 337-9650
 TELE LINE: (414) 337-9631

TO: REFER TO PAGE 2 FOR RECIPIENT AND FAX PHONE# _____
ADDRESS

FROM: WALTER NIED, U.S. EPA OSC

TOPIC: POLREP # 8 OF PHASE II REMOVAL ACTION

NUMBER OF PAGES: 2 INCLUDING COVER SHEET

DATE OF TRANSMISSION: 12/17/92 TIME: 14:00

IF YOU HAVE ANY QUESTIONS REGARDING THE TRANSMISSION
 OF THIS MESSAGE, PLEASE CONTACT:

WALTER NIED AT (414) 337-9631

cc: D. Rossberg LMD

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V**

DATE 12-10-92

FROM Walter Nied, OSC, Region V, Chicago, IL WFN

TO T. Johnson, U.S. EPA, Wash. D.C.; OS-210 (EPA5511)
R. Bowden, Chief, Emergency Response Branch, Chicago, IL; 5HS (EPA9538)
T. Geishechker, Chief, Response Section 2, Chicago, IL; 5HS (EPA9538)
M. O'Mara, Acting Chief, Emergency Support Division, Chicago, IL; (EPA9538)
John Maritote, BERB, Chicago, IL
Susan Pastor, OFF PUB AFF, Chicago, IL; 5PA (EPA9513)
Brett Warning, EPA-Office of Regional Counsel
Terry Koehn, WDNR-Green Bay
Gary Edelstein, WDNR-Madison
Dan Cozza, Acting RPM, Chicago, IL
Office of Solid Waste Management, WDNR

SUBJECT Better Brite Plating site, DePere, Wisconsin
D.O. 5001-05-0301, Site ID# 5Y

TIME PERIOD: 12-03-92 through 12-10-92. POLREP 7 OF Phase II.

SITUATION Refer to POLREP 1 of Phase II.

ACTIONS TAKEN

- 1) Each layer of clay found in the excavation area at the Better Brite Zinc (BBZ) facility, located at 315 South Sixth Street, was sampled and characterized by laboratory analysis before disposal. Approximately 130 additional cubic yards of clean soil were excavated and stockpiled on plastic liners at the east end of the BBZ property and will be used as fill for the collection system.
- 2) Approximately 951 tons of special waste-soils from the BBZ facility were loaded and shipped off-site for disposal at the Ridgeview Recycling and Disposal Facility, Whitelaw, Wisconsin.
- 3) Approximately 60 tons of hazardous soils from the BBZ facility were loaded and shipped off-site for treatment and disposal at the Chemical Waste Management (CWM) Treatment Plant, Menomonee Falls, Wisconsin. Note: 3 roll-off boxes of hazardous soils which were sent off-site on 12/3/92 were treated successfully at the CWM plant.
- 4) Site maintenance continued including grading and maintaining on-site gravel roadways, cleaning soils from sheet piling inside the excavation pit, and grading the excavation area in order to collect and control storm- and ground-water.
- 5) Soil borings were obtained from the excavation pit at the BBZ facility in order to further characterize extent of contamination.

FUTURE ACTIONS

- 1) Excavation and disposal will continue at the BBZ facility.
- 2) A groundwater collection system will be installed at the BBZ facility.
- 3) The excavated area at the BBZ facility will be filled and capped.

COSTS TOTAL ERCS COST ESTIMATE AS OF 12-08-92 CEILING
\$348,716.22 \$500,000.00

STATUS Removal Action continuing.

COMPANY: U.S. EPA - BETTER BRUTE PLATING
DE PERE, WISCONSIN
FAX LINE: (414) 337-9650
TELE LINE: (414) 337-9631

TO: REFER TO PAGE 2 FOR RECIPIENT AND FAX PHONE# _____
ADDRESS

FROM: WALTER NIED, U.S. EPA OSC

TOPIC: POLREP # 7 OF PHASE II REMOVAL ACTION

NUMBER OF PAGES: 2 INCLUDING COVER SHEET

DATE OF TRANSMISSION: 12/10/92 TIME: 11:00

IF YOU HAVE ANY QUESTIONS REGARDING THE TRANSMISSION OF THIS MESSAGE, PLEASE CONTACT:

WALTER NIED AT (414) 337-9631

cc: D. Rossberg LMP

✓ 12-3-92

DATE 12-3-92
FROM Walter Nied, OSC, Region V, Chicago, IL

TO T. Johnson, U.S. EPA, Wash. D.C.; OS-210 (EPA5511)
R. Bowden, Chief, Emergency Response Branch, Chicago, IL; 5HS (EPA9538)
T. Geishechker, Chief, Response Section 2, Chicago, IL; 5HS (EPA9538)
M. O'Mara, Acting Chief, Emergency Support Division, Chicago, IL; (EPA9538)
John Maritote, EERB, Chicago, IL
Susan Pastor, OFF PUB AFF, Chicago, IL; 5PA (EPA9513)
Brett Warning, EPA-Office of Regional Counsel
Terry Koehn, WDNR-Green Bay
Gary Edelstein, WDNR-Madison
Dan Cozza, Acting RPM, Chicago, IL
Office of Solid Waste Management, WDNR

SUBJECT Better Brite Plating site, DePere, Wisconsin
D.O. 5001-05-0301, Site ID# 5Y
TIME PERIOD: 11-20-92 through 12-3-92. POLREP 6 OF Phase II.
Note: All personnel demobilized from site for Thanksgiving Holiday from 11-25-92 to 11-29-92.

SITUATION Refer to POLREP 1 of Phase II.

ACTIONS TAKEN

- 1) Each layer of clay found in the excavation area at the BBZ facility was sampled and characterized by laboratory analysis before disposal. Approximately 1,800 cubic yards of clean soil were excavated and stockpiled on plastic liners at the east end of the BBZ property and will be used as fill for the collection system.
- 2) Approximately 570 tons of clay from the Better Brite Zinc (BBZ) facility, located at 315 South Sixth Street, were loaded and shipped off-site for disposal at the Ridgeview Recycling and Disposal Facility, Whitelaw, Wisconsin.
- 3) Approximately 20,500 gallons of water were collected from the collection sump and the excavation pit at the BBZ facility and transferred to the treatment plant at the Better Brite Chrome (BBC) facility at 515 Lande Street for treatment.
- 4) The municipal well located north west of the BBZ facility was sampled in order to ascertain any change in ground water conditions at that well.
- 5) Three roll-off boxes of chromium contaminated soil were sent on 12/3/92 to the treatment facility in Menomonee Falls, Wisconsin for treatability studies.
- 6) The vertical dip tank found at the BBZ facility was removed from the excavation area and cut open. The contents were screened using field instruments and test kits and drummed for storage until disposal.
- 7) Approximately 7 loads of gravel were received at the BBZ facility and were used to maintain on-site roadways and loading areas.

FUTURE ACTIONS

- 1) Excavation and disposal will continue at the BBZ facility.
- 2) A groundwater collection system will be installed at the BBZ facility.
- 3) The excavated area at the BBZ facility will be filled and capped.

COSTS TOTAL ERCS COST ESTIMATE AS OF 11-29-92 CEILING
\$251,367.27 \$500,000.00

STATUS Removal Action continuing.

COMPANY: U.S. EPA - BETTER BRUTE PLATING
DE PERE, WISCONSIN
FAX LINE: (414) 337-9650
TELE LINE: (414) 337-9631

TO: REFER TO PAGE 2 FOR RECIPIENT AND FAX PHONE# _____
ADDRESS

FROM: WALTER NIED, U.S. EPA OSC

TOPIC: POLREP # 5 OF PHASE II REMOVAL ACTION

NUMBER OF PAGES: 2 INCLUDING COVER SHEET

DATE OF TRANSMISSION: 12/3/92 TIME: 11:00

IF YOU HAVE ANY QUESTIONS REGARDING THE TRANSMISSION OF THIS MESSAGE, PLEASE CONTACT:

WALTER NIED AT (414) 337-9631

REGION V

11-30-92
CC: D Rossberg

DATE 11-19-92
FROM Walter Nied, OSC, Region V, Chicago, IL
TO T. Johnson, U.S. EPA, Wash. D.C.; OS-210 (EPA5511)
R. Bowden, Chief, Emergency Response Branch, Chicago, IL; 5HS (EPA9538)
T. Geishecker, Chief, Response Section 2, Chicago, IL; 5HS (EPA9538)
M. O'Mara, Acting Chief, Emergency Support Division, Chicago, IL; (EPA9538)
John Maritote, EERB, Chicago, IL
Susan Pastor, OFF PUB AFF, Chicago, IL; SPA (EPA9513)
Brett Warning, EPA-Office of Regional Counsel
Terry Koehn, WDNR-Green Bay
Gary Edelstein, WDNR-Madison
Dan Cozza, Acting RPM, Chicago, IL
Office of Solid Waste Management, WDNR

SUBJECT Better Brite Plating site, DePere, Wisconsin
D.O. 5001-05-0301, Site ID# 5Y

TIME PERIOD: 11-12-92 through 11-19-92. POLREP 5 OF Phase II.

SITUATION Refer to POLREP 1 of Phase II.

ACTIONS TAKEN

- 1) Surface soils located in the northeast corner of the fenced area at the Better Brite Zinc (BBZ) facility at 315 South Sixth Street were characterized by laboratory analysis. This area was then prepared as a staging area with the addition of gravel and plastic liners.
- 2) Approval was obtained for disposal of unstained concrete and sand fill which was excavated at the BBZ facility.
- 3) Approximately 1,550 tons of sand fill and unstained concrete from the BBZ facility were loaded and shipped off-site for disposal at the Ridgeview Recycling and Disposal Facility, Whitelaw, Wisconsin.
- 4) Approximately 1,800 gallons of ground water was collected from the collection sump at the BBZ facility and transferred to the treatment plant at the Better Brite Chrome (BBC) facility at 515 Lande Street for treatment.
- 5) The first layer of clay found under the sand fill at the BBZ facility was sampled and characterized by laboratory analysis.
- 6) Surface and subsurface soils were sampled at the BBC facility in order to further characterize extent of contamination for both removal and remedial considerations.

FUTURE ACTIONS

- 1) Excavation, staging, and disposal will continue at the BBZ facility including the removal of the dip tank.
- 2) A groundwater collection system will be installed at the BBZ facility.
- 3) The excavated area at the BBZ facility will be filled and capped.

COSTS	TOTAL COST ESTIMATE AS OF 11-17-92	CEILING
	\$153,885.09	\$500,000.00

STATUS Incomplete.

COMPANY:

U.S. EPA - BETTER BRUTE PLATING

DE PERE, WISCONSIN

FAX LINE: (414) 337-9650

TELE LINE: (414) 337-9631

TO:

REFER TO PAGE 2 FOR RECIPIENT AND ADDRESS

FAX PHONE#

FROM:

WALTER NIED, U.S. EPA OSC

TOPIC:

POLREP # 5 OF PHASE II REMOVAL ACTION

NUMBER OF PAGES:

2

INCLUDING COVER SHEET

DATE OF TRANSMISSION:

11/19/92

TIME:

1400h

IF YOU HAVE ANY QUESTIONS REGARDING THE TRANSMISSION OF THIS MESSAGE, PLEASE CONTACT:

WALTER NIED AT (414) 337-9631

K 11-12-92

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V**

DATE 11-12-92

FROM Walter Nied, OSC, Region V, Chicago, IL

TO T. Johnson, U.S. EPA, Wash. D.C.; OS-210 (EPA5511)
R. Bowden, Chief, Emergency Response Branch, Chicago, IL; 5HS (EPA9538)
T. Geishechker, Chief, Response Section 2, Chicago, IL; 5HS (EPA9538)
M. O'Mara, Acting Chief, Emergency Support Division, Chicago, IL; (EPA9538)
John Maritote, EERB, Chicago, IL
Susan Pastor, OFF PUB AFF, Chicago, IL; SPA (EPA9513)
Brett Warning, EPA-Office of Regional Counsel
Terry Koehn, WDNR-Green Bay
Gary Edelstein, WDNR-Madison
Dan Cozza, Acting RPM, Chicago, IL
Office of Solid Waste Management, WDNR

SUBJECT Better Brite Plating site, DePere, Wisconsin
D.O. 5001-05-0301, Site ID# 5Y

TIME PERIOD: 11-05-92 through 11-12-92. POLREP 4 OF Phase II.

SITUATION Refer to POLREP 1 of Phase II.

**ACTIONS
TAKEN**

- 1) The ERCS subcontractor completed the installation of 250 linear feet of steel sheet-pile to a depth of 30 feet on three sides of the future excavation area at the Better Brite Zinc (BBZ) facility located at 315 South Sixth Street.
- 2) The ERCS contractor broke up all of the concrete pad at the BBZ facility and staged the concrete pieces on a plastic liner.
- 3) Surface soils found under the concrete pad were characterized via field screening and laboratory analysis.
- 4) The ERCS crew prepared the BBZ facility for off-site disposal and excavation activities including the construction of a heated shed for field screening, the acquisition and grading of gravel for staging and loading areas, and creation of a drainage system to control surface water runoff.
- 5) The ERCS crew began excavating and stockpiling sand fill for future disposal.

**FUTURE
ACTIONS**

- 1) Excavation, staging, and disposal will continue at the BBZ facility including the removal of the dip tank.
- 4) A groundwater collection system will be installed at the BBZ facility.
- 5) The excavated area at the BBZ facility will be filled and capped.

COSTS	TOTAL COST ESTIMATE AS OF 11-10-92	CEILING
	\$96,584.96	\$500,000.00

STATUS Incomplete.

COMPANY: U.S. EPA - BETTER BRUTE PLATING
DE PERE, WISCONSIN
FAX LINE: (414) 337-9650
TELE LINE: (414) 337-9631

TO: REFER TO PAGE 2 FOR RECIPIENT AND FAX PHONE# _____
ADDRESS

FROM: WALTER NIED, U.S. EPA OSC

TOPIC: POLREP # 4 OF PHASE II REMOVAL ACTION

NUMBER OF PAGES: 2 INCLUDING COVER SHEET

DATE OF TRANSMISSION: 11/12/92 TIME: 1100

IF YOU HAVE ANY QUESTIONS REGARDING THE TRANSMISSION OF THIS MESSAGE, PLEASE CONTACT:

WALTER NIED AT (414) 337-9631

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE 11-05-92
FROM Walter Nied, OSC, Region V, Chicago, IL
TO T. Johnson, U.S. EPA, Wash. D.C.; OS-210 (EPA5511)
R. Bowden, Chief, Emergency Response Branch, Chicago, IL; 5HS (EPA9538)
T. Geishechker, Chief, Response Section 2, Chicago, IL; 5HS (EPA9538)
M. O'Mara, Acting Chief, Emergency Support Division, Chicago, IL; (EPA9538)
John Maritote, EERB, Chicago, IL
Susan Pastor, OFF PUB AFF, Chicago, IL; SPA (EPA9513)
Brett Warning, EPA-Office of Regional Counsel
Terry Koehn, WDNR-Green Bay
Gary Edelstein, WDNR-Madison
Dan Cozza, Acting RPM, Chicago, IL
Office of Solid Waste Management, WDNR

SUBJECT Better Brite Plating site, DePere, Wisconsin
D.O. 5001-05-0301, Site ID# 5Y

TIME PERIOD: 10-30-92 through 11-04-92. POLREP 3 OF Phase II.

SITUATION Refer to POLREP 1 of Phase II.

ACTIONS
TAKEN

- 1) The ERCS subcontractor continued to install the 250 linear feet of steel sheet-pile to a depth of 30 feet on three sides of the future excavation area at the Better Brite Zinc (BBZ) facility located at 315 South Sixth Street (approximately 90% complete).
- 2) The ERCS contractor began to break up a concrete pad at the BBZ facility.
- 3) Approximately 3,950 gallons of groundwater was collected from the sump at the BBZ facility and transported to the Better Brite Chrome facility at 519 Lande Street for treatment.
- 4) The ERCS crew began preparing the BBZ facility for concrete removal and staging.

FUTURE
ACTIONS

- 1) The concrete pad at the BBZ facility will be removed and staged.
- 2) Surface soils found under the concrete pad at the BBZ facility will be characterized via field screening and laboratory analysis.
- 3) Excavation will begin at the BBZ facility including the removal of the dip tank.
- 4) A groundwater collection system will be installed at the BBZ facility.
- 5) The excavated area at the BBZ facility will be filled and capped.

COSTS	TOTAL COST ESTIMATE AS OF 11-02-92	CEILING
	\$24,943.08	\$500,000.00

STATUS Incomplete.

*slipped work at BB Chrome - Removal of Clay Cap
of Breakup of Concrete*

COMPANY: U.S. EPA - BETTER BRUTE PLATING
DE PERE, WISCONSIN
FAX LINE: (414) 337-9650
TELE LINE: (414) 337-9631

TO: REFER TO PAGE 2 FOR RECIPIENT AND FAX PHONE# _____
ADDRESS

FROM: WALTER NIED, U.S. EPA OSC

TOPIC: POLREP # 3 OF PHASE II REMOVAL ACTION

NUMBER OF PAGES: 2 INCLUDING COVER SHEET

DATE OF TRANSMISSION: 11/5/92 TIME: 11:00

IF YOU HAVE ANY QUESTIONS REGARDING THE TRANSMISSION OF THIS MESSAGE, PLEASE CONTACT:

WALTER NIED AT (414) 337-9631

10-30-92

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE 10-29-92
FROM Walter Nied, OSC, Region V, Chicago, IL
TO T. Johnson, U.S. EPA, Wash. D.C.; OS-210 (EPA5511)
R. Bowden, Chief, Emergency Response Branch, Chicago, IL; 5HS (EPA9538)
T. Geishechker, Chief, Response Section 2, Chicago, IL; 5HS (EPA9538)
M. O'Mara, Acting Chief, Emergency Support Division, Chicago, IL; (EPA9538)
John Maritote, EERB, Chicago, IL
Susan Pastor, OFF PUB AFF, Chicago, IL; SPA (EPA9513)
Brett Warning, EPA-Office of Regional Counsel
Terry Koehn, WDNR-Green Bay
Gary Edelstein, WDNR-Madison
Dan Cozza, Acting RPM, Chicago, IL
Office of Solid Waste Management, WDNR

SUBJECT Better Brite Chrome and Zinc sites, DePere, Wisconsin
D.O. 5001-05-0301, Site ID# 5Y

TIME PERIOD: 09-08-92 through 10-29-92. POLREP 2 OF PHASE II.

SITUATION Refer to POLREP 1 of Phase II.

ACTIONS TAKEN

- 1) Extent of contamination-soil samples were collected from the Better Brite Zinc (BBZ) facility at 315 South Sixth Street on 10-20-92.
- 2) A subcontractor was retained to install 250 linear feet of steel sheet-pile to a depth of 30 feet on three sides of the future excavation area at the BBZ facility (approximately 70% complete).
- 3) The ERCS contractor began to break up a concrete pad at the Better Brite Chrome facility at 519 Lande Street.
- 4) A groundwater collection system for the BBZ facility was devised with the assistance of WDNR.
- 5) Access was procured for installation of monitoring wells to be located west of the BBZ facility.

FUTURE ACTIONS

- 1) The concrete pad at the BBZ facility will be broken up.
- 2) Surface soils found under the concrete pad at the BBZ facility will be characterized via field screening and laboratory analysis.
- 3) Excavation will begin at the BBZ facility including the removal of the dip tank.
- 4) A groundwater collection system will be installed at the BBZ facility.
- 5) The excavated area at the BBZ facility will be filled and capped.

COSTS

TOTAL AS OF 10-27-92
\$14,544.15
(total for new ERCS contractor-Riedel Environmental beginning 10-01-92)

CEILING
\$500,000.00

STATUS

Incomplete.

COMPANY: U.S. EPA - BETTER BRUTE CHROME & ZINC SITES
DE PERE, WISCONSIN
FAX LINE: (414) 337-9650
TELE LINE: (414) 337-9631

TO: REFER TO PAGE 2 FOR RECIPIENT AND FAX PHONE# _____
ADDRESS

FROM: WALTER NIED, U.S. EPA OSC

TOPIC: POLREP # 2 OF PHASE II REMOVAL ACTION

NUMBER OF PAGES: 2 INCLUDING COVER SHEET

DATE OF TRANSMISSION: 10/30/92 TIME: 1245

IF YOU HAVE ANY QUESTIONS REGARDING THE TRANSMISSION OF THIS MESSAGE, PLEASE CONTACT:

WALTER NIED AT (414) 337-9631

CC: D. Rossberg LMD

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V**

DATE: 09-08-92

FROM: Walter Nied, OSC, Region V, Chicago, IL

TO: T. Johnson, U.S. EPA, Wash D.C., OS-210 (EPA5511)
 R. Bowden, Chief, Emergency Response Branch, Chicago, IL; 5HS (EPA9538)
 T. Geishechker, Chief, Response Section 2, Chicago, IL; 5HS (EPA9538)
 M. O'Mara, Acting Chief, Emergency Support Division, Chicago, IL; (EPA 9538)
 John Maritote, EERB, Chicago, IL
 Susan Pastor, OFF PUB AFF, Chicago, IL; SPA (EPA9513)
 Brett Warning, EPA-office of Regional Counsel
 Terry Koehn, WDNR-Green Bay
 Gary Edelman, WDNR-Madison
 Dan Cozza, Acting RPM, Chicago, IL
 Office of Solid Waste Management, WDNR

SUBJECT: Better Brite Zinc site, DePere, Wisconsin
 D.O. # 7460-05-133, Site ID# 5Y

TIME PERIOD: 07-02-92 through 09-08-92
POLREP 1 OF PHASE II

SITUATION: Better Brite Zinc (BBZ) is an abandoned metal plating facility located at 315 south sixth street in De Pere, Wisconsin. The U.S. EPA initiated a removal action at this site on November 14, 1989 and completed all the requirements of the action memo on November 23, 1991. During this removal action, potentially hazardous liquids and solids were removed and disposed. The groundwater is contaminated at this site due to in depth soil contamination with chromium. Also, during this removal action, a groundwater collection sump was installed to periodically collect the contaminated water and treat it at the Better Brite Chrome (BBC) treatment facility.

The U.S. EPA has initiated the second phase of removal action on August 31, 1992 to mitigate threats due to in depth soil contamination.

A fire destroyed the BBZ building on saturday night (9/5/92). The De Pere fire department put out the fire. No potentially hazardous chemicals were present on site except for two drums containing trivalent chromium sludge from the Better Brite Chrome treatment

plant. These drums were found intact after the fire. The surface run-off water was contained and collected in three poly tanks. The WDNR's contractor, E & K, took some soil samples from around the property and pumped out water.

**ACTIONS
TAKEN:**

- 1) On July 2, 1992, representative soil samples were collected from both BBZ and BBC sites and sent to OBG laboratory in PA. The lab was requested to conduct a treatability study for reducing hexavalent chromium and binding the soil with cement.
- 2) On 7-17-92, 4,000 gallons of contaminated groundwater was transported to BBC for treatment.
- 3) U.S. EPA, TAT and three ERCS contractor personnel mobed at the site on August 31, 1992.
- 4) Crew dismantled and removed the plywood office rooms.
- 5) Crew started breaking the concrete slab inside the building.
- 6) Crew started removing the electrical conduits and cutting the automatic plating unit.
- 7) An underground vertical tank was observed under the concrete near the office rooms. This tank measured about 2.5' x 2.5' and contains soil with green solids in it. The depth of this tank is unknown at this time. This tank will be removed after demolishing the building.
- 8) About 7500 gallons of contaminated water was pumped out from the sump and transported to the treatment facility at the chrome site on 9/8/92.

**FUTURE
ACTIONS:**

- 1) All the plating and treatment equipment located on-site will be cut and removed.
- 2) All other equipment present on-site will be decontaminated and removed.
- 3) The burned out building will be demolished and the debris disposed of appropriately, depending on the sample results.
- 4) The partially exposed soil (from concrete pad removal) will be adequately covered with tarp/visqueen to prevent any rain water from seeping into the ground.

COSTS: TOTAL AS OF 9/5/92 CEILING
ERCS \$ 489,259.49 510,490.00

STATUS: In complete

COMPANY: U.S. EPA - BETTER BRITE ZINC
315 S. SIXTH STREET
DE PERE, WISCONSIN
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TOPIC: POLREP # 1 OF PHASE II REMOVAL ACTION

NUMBER OF PAGES: 3 INCLUDING COVER SHEET

DATE OF TRANSMISSION: 9/8/92 TIME: 1500

IF YOU HAVE ANY QUESTIONS REGARDING THE TRANSMISSION OF THIS MESSAGE, PLEASE CONTACT:

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