US EPA RECORDS CENTER REGION 5
1011660

February 27, 1997

Non-Responsive PII.
Non-Responsive PII
Non-Responsive PII
Non-Responsive PII

Re: U.S.S. Lead; Draft Fact Sheet

Dear Non-Respo Non-Responsive PII:

Ms. Mirtha Capiro has forwarded to me your letter on behalf of U.S.S. Lead, dated February 21, 1997, concerning the draft Fact Sheet which the U.S. Environmental Protection Agency (U.S. EPA) had prepared in conjunction with a Health Exposure Investigation planned for the vicinity of the U.S.S. Lead facility in East Chicago, Indiana. In addition to demanding changes to the contents of the draft, you requested the opportunity to review the revised draft. Finally, you requested a meeting should U.S. EPA decline to make demanded changes and provide the revised draft for U.S.S. Lead's review.

U.S. EPA is preparing a final, revised Fact Sheet. U.S. EPA is committed to fairly and accurately reflecting the facts concerning possible lead contamination in the residential area around the facility and in East Chicago, and the Health Exposure Investigation which is intended to discover any such problems. U.S. EPA has determined that it would be appropriate to limit the scope of the Fact Sheet to the Health Exposure Investigation, and therefore has deleted material referring to U.S.S. Lead. Information related to the Interim Stabilization Measures and modified RCRA Facility Investigation is available to the public outside the context of the Draft Fact Sheet.

U.S. EPA provided a draft of the Fact Sheet to U.S.S. Lead as a courtesy, and welcomed and considered U.S.S. Lead's comments. However, U.S. EPA does not consider a meeting necessary or appropriate to discuss the final version of the Fact Sheet. Similarly, U.S. EPA sees no need to meet with U.S.S. Lead to discuss its decision not to consult with U.S.S. Lead prior to publication of the Fact Sheet. Please be assured, however, that a courtesy copy of the final Fact Sheet will be made available to USS Lead.

If you have any questions, please contact me at (312) 886-7163.

Very truly yours,

Michael J. McClary
Assistant Regional Counsel

cc: Mirtha Capiro

ATSDR
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY

Indiana State Department of Health

FACT SHEET ON BLOOD LEAD SCREENING
EAST CHICAGO HEALTH EXPOSURE INVESTIGATION

The Indiana State Department of Health (ISDH) and the Agency for Toxic Substances and Disease Registry (ATSDR), in cooperation with the East Chicago Health Department, are offering free voluntary blood tests for lead exposure to selected residents. In addition, the Indiana Department of Environmental Management (IDEM) and the United States Environmental Protection Agency (U.S. EPA) are assisting in this effort to provide information and answer community questions regarding lead exposure.

Background

In 1985, the U.S. EPA did soil sampling in areas of East Chicago to determine lead levels present in soil. Homes near industries which emitted lead in the past were selected for soil sampling. The test results show high levels of lead in several yards. Historical records show the lead contamination in these yards may have come from industrial activities such as smelting of lead and other metals, steel manufacturing, and oil refining, as well as the high number of cars on the road, and use of lead-based paint in homes. U.S. EPA will continue to assess the impact of this lead on the environment.

Also in 1985, the Indiana State Board of Health (ISBH), now known as the Indiana State Department of Health (ISDH), with assistance from the East Chicago Health Department (ECHD), conducted blood lead testing for children in East Chicago. During a two-day period, 53 children between the ages of six months and six years were tested. The Centers for Disease Control and Prevention (CDC) considers children to have an elevated level if the amount of lead in the blood is at least 10 micrograms per deciliter. Only two of the East Chicago children were found to have moderately elevated blood lead levels (between 10 and 20 micrograms per deciliter).

Based on the information collected in 1985, exposure to lead in this community did not seem to be widespread. However, it is not known whether the exposure levels of the 53 children who were tested were similar to the exposure levels of all children in the community. Therefore, the ISDH and ECHD could not draw definitive conclusions about the impact of industrial activities on the health of children in the area.

Next are some helpful questions and answers to help you understand the health risks associated with lead exposure. In addition, information is provided regarding the free volunteer blood tests provided by ISDH in partnership with ECHD.

What is lead?

Lead occurs naturally in most soils. Low levels of lead are common in the air, water, food, soil and dusts in cities because of the widespread use of lead in man-made products. Uses of lead include batteries, solders, paints, varnishes, gasoline additives and other products. Because excess exposure to lead can threaten health, the Federal and State governments try to minimize the amount of lead in the air, water, and soil by controlling its use.

How can I be exposed to lead and what are the health effects related to lead exposure?

Exposure to lead can occur from breathing air, drinking water, and eating soil or foods that contain lead. High lead levels in the body can cause damage to the nervous system, kidneys, the digestive system and the blood-forming process. In children, lead may stunt growth, harm mental development and impair hearing.

Children are more sensitive to the effects of lead than adults because they are still growing and developing. Younger children are at special risk because they often have higher levels of exposure since they often play in dirt and may put dirty hands in their mouths or, in some cases, eat dirt.

In addition, children who lack proper nutrition may absorb more lead, and suffer more harmful effects.

What should I do to reduce my exposure to lead?

You should prevent or limit a child's exposure to contaminated soil and provide a nutritious diet. Pregnant women should seek pre-natal care to protect their developing infants.

To prevent the swallowing of contaminated soil, you can limit your child's exposure to dirt in the following ways:

- cover areas of exposed dirt with grass, flowers, mulch or concrete;
- wash down very dusty areas with a hose;
- discourage children from playing in dirt, gravel or ground covers;
- supervise young children to prevent them from eating dirt;
- provide a sand box or alternative to playing in dirt; and washing children's hands and toys taken outside frequently.

To prevent breathing in lead-contaminated dust, you should:

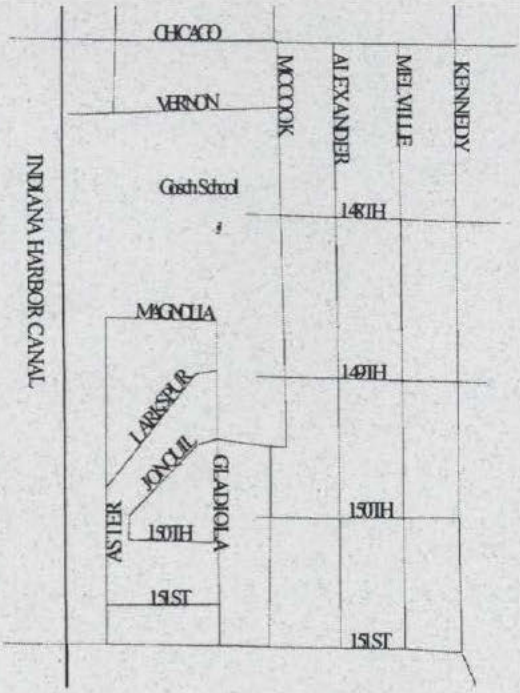
- place a door mat at the door;
- vacuum carpets and drapes often;
- dust with oiled cloth;
- wash floors often;
- teach children to wipe their feet before entering;
- keep windows closed as much as possible to reduce dirt in the home; and
- replace furnace filters often.

Safe habits to prevent exposure:

- practice good nutrition by maintaining a well-balanced diet which includes milk, cheese, dark green leafy vegetables, liver and spinach;
- supervise children to prevent chewing on painted window sills, woodwork or other painted areas in case lead-based paint was used;
- do not dig or turn soil on windy days; and
- use gloves while gardening; and wash/peel all home-grown fruits and vegetables.

Who can be tested and how much will it cost for testing?

A blood test will be offered to anyone living in the area shown on the map below. The age limit is 1 year and older. The blood testing is being offered by the ECHD free of charge and is completely voluntary.



When and where will the blood testing be done?

The blood testing will be at the Martin Luther King Recreation Center and the 151st Street Recreation Center. You may come to any of the blood testing sessions listed below.

LEAD SCREENING SESSIONS

Wednesday, July 23, 1997	Thursday, July 24, 1997
Martin Luther King Recreation Center	151st Street Recreation Center
10:00 a.m. - 2:00 p.m.	10:00 a.m. - 2:00 p.m.
5:00 p.m - 8:00 p.m.	5:00 p.m - 8:00 p.m.

For more information, please call Tony Butler at ECHD at 391-8415.

What will the blood testing involve?

When you come to have your blood drawn, you will be required to read and sign a consent form, and asked to complete a short questionnaire. You will then go to a room where a nurse or phlebotomist (health care worker who draws blood) will take about 1/3 teaspoon of blood from a vein in your arm using a needle. This may cause a little pain, but every effort will be made to minimize the discomfort. Some people may have a small bruise where the needle enters the skin, but this will go away soon. The whole process should take only about 10-15 minutes. The blood sample will be tested by a certified laboratory and the results will be sent to the ISDH in about 6 to 8 weeks.

Will my name and test results be confidential?

Yes. At the time of the blood testing, all participants will be required to sign a written consent form before their blood will be drawn. Anyone under the age of 18 will need a consent form signed by their parent or legal guardian.

What does "confidential" mean?

In this situation, confidential means that your name, address, phone number, and any other personal information you give the health department during the exposure investigation will be kept completely private, including your test results. Your test results will be mailed directly to your home address. We will not give out or use your name or any other identifying information except to provide you with your test results.

What will I learn from the test results?

You will learn from blood testing whether you have been exposed to lead. If your test results show that you have a high blood lead level, we will suggest methods to reduce your exposure. At your request, your local physician will be provided with information on the signs and symptoms of lead exposure so that you may contact him/her for medical advice.

☎ How can I get more information? ✍

For information about the health investigation or exposure, contact:

Dollis Wright
Indiana State Department of Health
2 North Meridian Street
Indianapolis, IN 46204
(317) 233-7808

For general information about lead contact:

Patricia Dixon-Darden
East Chicago Health Department
3903 Indianapolis Blvd.
East Chicago, IN 46312
(219) 391-8226

For more information on lead clean up contact:

Mirtha Capiro (312) 886-7567
Noemi Emeric (800) 621-8431
or (312) 886-0995
U.S.Environmental Protection
Agency - Region 5
77 West Jackson Blvd., DRE-8J
Chicago, IL 60604

Kay L. Nelson, (219) 881-6712
Northwest Indiana Regional Office
Indiana Department of
Environmental Management
504 N. Broadway, Suite 418
Gary, Indiana 46402

TRANSMIT CONFIRMATION REPORT

NO.	:	007
RECEIVER	:	219 866 3669
TRANSMITTER	:	US EPA REG 5 RERB
DATE	:	AUG 08'96 15:52
DURATION	:	00'34
MODE	:	STD
PAGES	:	01
RESULT	:	OK

USS lead Refinery Inc
IND 047 030 026

U.S. EPA - REGION 5

FACSIMILE TRANSMITTAL FORM

Date: 8/8/96
From: Terri Wilson
Tele: (312) 886-4188
Fax: (312) 353-6519

To: Non-Responsive PII
Will File Legals
Tele: Non-Responsive PII
Fax: Non-Responsive PII

Pages sent (including cover sheet) 2

Comments:

Non-Responsive PII

Thank you for your correspondence reminding us of our outstanding obligation to you. I must take the blame for this severe delay.

As of August 2nd, I hand-delivered the attached invoice to our purchasing department. Meredith Glenn is the appropriate contact at this point. Her number is (312) 886-5945.

I personally apologize for this inconvenience.

Please call me if you have additional questions or concerns.

Thank you.

Will File Legals
118 North Van Rensselaer St.
Rensselaer, IN 47978
(219) 866-4127 Fax: (219) 866-8556
Fed. I. D. #35-1654084
Invoice # 7001
* Member of DepoNet 1-800-866-9090
Statewide Court & Video Reporting

July 1, 1996

U.S. ENVIRONMENTAL PROTECTION AGENCY
REGION 5
ATTN: TERRI WILSON
77 West Jackson Boulevard
Chicago, IL 60604

STATEMENT

RE: EPA HEARING, JUNE 20, 1996
TERRI WILSON, HEARING OFFICER

Hearing for the U.S. Environmental Protection Agency, at the Riley Park Community Center, 1005 E. Chicago Avenue, East Chicago, Indiana, with regard to the above referenced cause of action, as reported by [redacted].

Appearance Fee	$ 75.00
Transcript of the EPA Hearing on June 20, 1996 35 pgs.	115.50
Shipping & handling	5.00
	$195.50

8/2/96

Thank you.

Respectfully submitted,

[redacted]

8/2/96

[redacted]

Please remit payment in the amount of $195.50 for costs associated with PO# 652239NNSA and DCN KAE013.

Thank You.

Terri J. Nelson (6-4188)
8/2/96

3

EPA UNITED STATES ENVIRONMENTAL PROTECTION AGENCY, REGION V

Date 6-20-96

Name Non-Responsive PII [redacted]

Address Non-Responsive PII [redacted]

City Non-Responsive PII [redacted]

Phon Non-Responsive PII [redacted]

Organization Non-Responsive PII [redacted]

DO YOU WISH TO MAKE A STATEMENT?

☑ YES ☐ NO

1

EPA UNITED STATES ENVIRONMENTAL PROTECTION AGENCY, REGION V

Date

Name Non-Responsive PII [redacted]

Address Non-Responsive PII [redacted]

City Non-Responsive PII [redacted]

Phon [redacted]

Organization SELF

DO YOU WISH TO MAKE A STATEMENT?

☒ YES ☐ NO

4

EPA UNITED STATES ENVIRONMENTAL PROTECTION AGENCY, REGION V

Date 6-20-96

Non-Responsive PII [redacted]

DO YOU WISH TO MAKE A STATEMENT?

☑ YES ☐ NO

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[illegible]

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DO YOU WISH TO MAKE A STATEMENT?

☑ YES ☐ NO

EPA UNITED STATES ENVIRONMENTAL PROTECTION AGENCY, REGION V

Date 6/20/96

Non-Responsive PII

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DO YOU WISH TO MAKE A STATEMENT?

☐ YES ☑ NO

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DO YOU WISH TO MAKE A STATEMENT?

☑ YES ☐ NO

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Date 6/20/96

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Date 6/20/96

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☐ YES ☒ NO

EPA UNITED STATES ENVIRONMENTAL PROTECTION AGENCY, REGION V

Date 6-20-96

Non-Responsive PII

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City

Phone

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DO YOU WISH TO MAKE A STATEMENT?

☐ YES ☒ NO

EPA UNITED STATES ENVIRONMENTAL PROTECTION AGENCY, REGION V

Date 6/20/96

Nam[redacted] Non-Responsive PII

Add[redacted]

City [redacted]

Phon[redacted]

Orga[redacted]

DO YOU WISH TO MAKE A STATEMENT?

Put me on ☐ YES ☒ NO OVER →

the U.S. Lead FACT SHEET MAILING LIST

EPA UNITED STATES ENVIRONMENTAL PROTECTION AGENCY, REGION V

Date 6-20-96

Name [redacted] Non-Responsive PII

Addre[redacted]

City [redacted]

Phone[redacted]

Organ[redacted]

DO YOU WISH TO MAKE A STATEMENT?

☐ YES ☒ NO

Have Perricone put
me on the MAILING LIST
for all NW INDIANA
FACT SHEETS,

Non-Responsive PII

[redacted]

and other sites in
LAKE COUNTY, IN
INCLUDE ALL 1995 back-issues

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES 1 | 3

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER	2. CONTRACT NO. *(If any)*	3. ORDER NO.	4. REQUISTION/REFERENCE NO.
06/11/96	N/A	652239NNSA	KAE013

CONTRACTING OFFICE: *(Address correspondence to)*
U.S. EPA Mail Drop
Purchasing Section
77 WEST JACKSON BLVD
CHICAGO IL 60604

6. SHIP TO: *(Consignee and address, ZIP Code)*
U.S. EPA
State Program Section
77 WEST JACKSON BLVD
CHICAGO, IL 60604

SHIP VIA: T. Wilson

7. TO: CONTRACTOR *(Name, address and ZIP Code)*
WILL FILE LEGAL
118 N. VAN RENSSELAER ST.
RENSSELAER IN 47978
Fax Number: (219)866-8556 Phone Number: (219)866-4127

8. TYPE OF ORDER

[X] A. PURCHASE - Reference your

Please Furnish the following on the terms and conditions specified on both sides of this order and on the attached sheets, if any, including delivery as indicated. This purchase is negotiated under authority of:

[ ] B. DELIVERY - Except for billing instructions on the reverse, this delivery order is subject to instructions contained in this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.

9. ACCOUNTING AND APPROPRIATION DATA
KAE013 96 B 05K B4E 2583
$600.00

10. REQUISITIONING OFFICE
State Program Section DR-7J

Buyer:
DONNA STINGLEY
(312)353-1677

11. BUSINESS CLASSIFICATION *(Check appropriate box(es))*
[X] SMALL [ ] OTHER THAN SMALL [ ] DISADVANTAGE [ ] WOMEN-OWNED

12. F.O.B. POINT	14. GOVERNMENT B/L NO.	15. DELIVER TO F.O.B. POINT ON OR BEFORE *(Date)*	16. DISCOUNT TERMS
FOB Destination	N/A	6/20/96	NET30

13. PLACE OF INSPECTION AND ACCEPTANCE
Destination

17. SCHEDULE *(See reverse for Rejections)*

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
1	COURT REPORTER SERVICES FOR PUBLIC HEARING ON ENFORCEMENT ACTION FOR U.S.S. LEAD CO. DATE: JUNE 20, 1996 TIME: 6:30PM - 8:30PM PLACE: RILEY PARK COMMUNITY CENTER 1005 E. CHICAGO AVE. EAST CHICAGO, IN	2	HR	$ 50.00	$ 100.00	
2	TRANSCRIPTS ORIGINALS ONLY WITHIN TWO WEEKS Not to Exceed $600.00	150	ZP	$ 3.30	$ 495.00	

SEE BILLING INSTRUCTIONS ON REVERSE

18. SHIPPING POINT

19. GROSS SHIPPING WEIGHT

20. INVOICE NO.

$ .00 **17(h). TOT.** *(Cont.Pages)*

21. MAIL INVOICE TO: *(Include ZIP Code)* U.S. EPA Mail Drop 9054
Immediate Office Finance & Accounting Sectio 77 WEST JACKSON BLVD
CHICAGO, IL 60604

$ 595.00 **17(i). GRAND TOTAL**

22. UNITED STATES OF AMERICA
BY *(Signature)*

23. NAME *(Typed)* WILLIAM A. MASSIE
TITLE: CONTRACTING/ORDERING OFFICER

PURCHASE ORDER TERMS AND CONDITIONS

52..252-2. CLAUSES INCORPORATED BY REFERENCE (Apr 84).- This contract incorporates the following clauses by reference with the same force and effect as if they were given in full text. Upon request the Contracting Officer will make their full text available.

FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1) CLAUSES

52.203-1	Officials Not to Benefit (Apr 84)
52.203-3	Gratuities (Apr 84)
52.203-4	Covenant Against Contingent Fees (Apr 84)
52.212-9	Variation in Quantity (Apr 84) (In the preceding clause, the permission variations are stated in the schedule)
52.222-3	Convict Labor (Apr 84)
52.222-4	Contract Work Hours and Safety Standards Act-Overtime Compensation-General (Apr 84)
52.222-26	Equal Opportunity (Apr 84)
52.222-36	Affirmative Action for Handicapped Workers (Apr 84)
52.222-40	Service Contract Act of 1965-Contracts of $2500 or Less (Apr 84)
52.222-41	Service Contract Act of 1965 (Apr 84)
52.225-3	Buy American Act-Supplies (Apr 84)
52.232-1	Payments (Apr 84)
52.232-8	Discounts for Prompt Payment (Apr 84) (With Alternate 1)
52.233-1	Disputes (Apr 84)
52.243-1	Changes - Fixed Price (Apr 84)
52-249-1	Termination for Convenience of the Government (Fixed Price) (Short Form) (Apr 84)

NOTE.-If desired, this order (or a copy thereof) may be used by the Contractor as the Contractor's invoice, instead of a separate invoice, provided the following statement, (signed and dated) is on (or attached to) the order: "Payment is requested in the amount of $ _____ . No other invoice will be submitted." However, if the Contractor wishes to submit an invoice, the following information must be provided: contract number (if any), order number, item number(s), description of supplies or services, sizes, quantities, unit prices, and extended totals. Prepaid shipping costs will be indicated as a separate item on the invoice. Where shipping costs exceed $100 (except for parcel post), the billing must be supported by a bill of lading or receipt. When several orders are invoiced to an ordering activity during the same billing period, consolidated periodic billings are encouraged.

RECEIVING REPORT

Quantity in the "Quantity Accepted" column on the face of this order has been: ☐ inspected ☐ accepted, ☐ received by me an conforms to contract. Items listed below have been rejected for the reasons indicat

SHIPMENT NUMBER	PARTIAL / FINAL		DATE RECEIVED	SIGNATURE OF AUTHORIZED U.S. GOV'T. REP.	DATE
TOTAL CONTAINERS		GROSS WEIGHT	RECEIVED AT	TITLE	

REPORT OF REJECTIONS

ITEM NO	SUPPLIES OR SERVICE	UNIT	QUANTITY REJECTED	REASON FOR REJECTION

Additional Clause(s):

FAR **52.213-2** **Invoices (APR 84)**

The Contractor's invoices must be submitted before payment can be made. The Contractor will be paid on the basis of the invoice, which must state (a) the starting and ending dates of the subscription delivery, and (b) either that orders have been placed in effect for the addressees required, or that the orders will be placed in effect upon teceipt of payment.

United States
Environmental Protection Agency
Washington, DC 20460

Page of Pages 1 | 2

PROCUREMENT REQUEST/ORDER

	1. Name of Originator: MARTHA Y. ROBINSON	2. Date of Requisition: 05/07/96
	3. Mail Code: 9057 / 4. Telephone Number:	5. Date item Required: 06/20/96
6. Signature of Originator	7. Recommended Procurement Method: [X] Competitive [ ] Other than full and open competition [ ] Sole source small purchase	
8. Deliver to (Project Officer)	9. Address: US EPA Mail Drop 9057, 77 WEST JACKSON BLVD, CHICAGO	10. Mail Code / 11. Telephone Number
12. Suggested Source (Name, Address, Zip code, Phone/Contact): WILL FILE LEGAL, 118 N. VAN RENSSELAER ST., RENSSELAER, IN 47978	Fax Number: (219)866-8556; Phone Number: (219)866-4127	13. Amount of money committed is: [ ] Increase [X] Decrease; [X] Original [X] Cancellation
		14. For Small Purchases only: Contracting Office is authorized to exceed the amount shown in Block 26 by 10% or $100, whichever is less. [ ] Yes [X] No

15. Approvals

a. Branch/Office	Date	d. Property Management Officer/Designee	Date
b. Division/Office	Date	e. Other *(Specify)*	Date
c. Funds listed in Block 26 and Block 14 (if any) are available and reserved		(Signature & Phone number of Certifying Official) / Phone	Date

16. Date of Order	17. Order Number	18. Contract Number (if any)	19. Discount Terms
20. FOB Point	21. Delivery to FOB Point by ON or before (Date)	22. Person taking Order/Quote and Phone Num	

23. Contractor *(Name, Address, ZIP code)*

24. Type of order
[ ] a. Purchase

Reference your quote *(See Block 22)*

Please furnish the above on the terms specified on both sides of this order and on the attached sheets, if any, including delivery as indicated.

[ ] b. Delivery provisions on the reverse are deleted. The delivery order is subject to the terms and conditions of the contract. *(See Block 19)*

[ ] Oral [ ] Written [ ] Confirming

25. Schedule

Item Number (a)	Supplies or Services (b)	Quantity Ordered (c)	Unit (d)	Estimated Unit Price (e)	Unit Price (f)	Amount (g)	Quantity Accepted (h)
1	COURT REPORTER SERVICES FOR PUBLIC HEARING ON ENFORCEMENT ACTION FOR U.S.S. LEAD CO. DATE: JUNE 20, 1996 TIME: 6:30PM - 8:30PM PLACE: RILEY PARK COMMUNITY CENTER 1005 E. CHICAGO AVE. EAST CHICAGO, IN	2	HR	$ 50.00			
2	TRANSCRIPTS ORIGINALS ONLY WITHIN TWO WEEKS	150	ZP	$ 3.30			
					Total $		

26. Financial and Accounting Data

Line	DCN (Max 6)	Budget/FYs (Max 4)	Appropriation Code (Max 6)	Budget/Org Code (Max 7)	Program Element (Max 9)	Object Class (Max 4)	SFO
1	KAE013	96	B	05K	B4E	2583	05
2							
3							(Max 2)

Line	Amount	Site/Project (Max 8)	Cost Org/Code (Max 7)
1	$ 600.00		
2			
3			

27. United States of America By *(Signature)*	28. Type Name and Phone of Contracting officer	Phone

(Shaded areas are for use of procurement office only)

Page of

US Environmental Protection Agency
Washington, DC 20460

EPA Procurement Request/Order

1. Name of Originator: Martha Y. Robinson		2. Date of Requisition: May 7, 1996
3. Mail Code: DR-7J	4. Telephone Number: (312) 886-6141	5. Date Item Required: ~~XXXXXX~~ JUNE 20, 1996
6. Signature of Originator	7. Recommended Procurement Method: ☒ Competitive ☐ Other than full and open competition ☐ Sole source small purchase	

8. Deliver To *(Project Manager)*	9. Address	10. Mail Code	11. Telephone Number
Mirtha Capiro	77 W. Jackson Blvd., Chcgo, IL	DR-7J	(312) 886-7567

12. Financial Data	a. Appropriation	b. Servicing Finance Office Number
	686/70108	Region 5, Chicago, Illinois

NOTE: Item 12(d) Document Type — Contract = "C," Purchase Order = "P"

FMO Use (c) *(13 digits)*	DT (d)	Document Control Number (e) *(6 digits)*	Account Number (f) *(10 digits)*	Object Class (g) *(4 digits)*	Amount (h) Dollars	Cents
PR [illegible]-00100		KAE	[illegible]B 05K B4E	2583	600	00
		013				

13. Suggested Source *(Name, Address, ZIP Code, Phone/Contact)*	14. Amount of money committed is:	15. **For Small Purchases Only:** Contracting Office is authorized to exceed the amount shown in Block 12(h) by 10% or $100, whichever is less.
Procurement: Please choose court reporter	☒ Original ☐ Increase ☐ Decrease	☐ Yes ☐ No

16. Approvals

a. Branch/Office: Jane E. Ratcliffe, Chief, IMS	Date	d. Property Management Officer/Designee	Date
b. Division/Office	Date	e. Other *(Specify)*	Date
c. Funds listed in Block 12 and Block 15 *(if any)* are available and reserved. *(Signature of Certifying Official)*	Date	f. Other *(Specify)*	Date

17. Date of Order	18. Order Number	19. Contract Number *(if any)*	20. Discount Terms
6/11/96	60223INNSA		

21. FOB Point	22. Delivery to FOB Point by *On or before (Date)*	23. Person Taking Order/Quote and Phone No.

24. Contractor *(Name, address, ZIP Code)*

25. Type of Order
☐ a. Purchase

Reference your quote *(See block 23)*

Please furnish the above on the terms specified on both sides of this order and on the attached sheets, if any, including delivery as indicated.

☐ b. Delivery provisions on the reverse are deleted. The delivery order is subject to the terms and conditions of the contract. *(See Block 19)*

c. ☐ Oral ☐ Written ☐ Confirming

26. Schedule

Item Number (a)	Supplies or Services (b)	Quantity Ordered (c)	Unit (d)	Estimated Unit Price (e)	Unit Price (f)	Amount (g)	Quantity Accepted (h)
1	Court reporting services needed for public hearing on Enforcement Action for U.S.S. Lead Co., Indiana.	3 hr	hr.	$50.00			
	Public Hearing scheduled for 6/20/96 at the Riley Park Community Center, 1005 E. Chicago Ave., East Chicago, IN. from 6:30pm to 8:30pm.						
	Transcripts-originals only-within two weeks.	150	pgs	$3.00			
					Total $		

27. United States of America By *(Signature)*	28. Typed Name and Title of Contracting Officer

EPA Form 1900-8 (Rev. 9-86) Previous editions are obsolete.

COPY 5—RECEIVING

RECEIVING REPORT

Quantity in the "Quantity Accepted" column on the face of this order has been: ☐ inspected, ☐ accepted, ☐ received by me and conforms to contract. Items listed below have been rejected for the reasons indicated.

SHIPMENT NUMBER	PARTIAL / FINAL		DATE RECEIVED	SIGNATURE OF AUTHORIZED US GOVERNMENT REP.	DATE
TOTAL CONTAINERS		GROSS WEIGHT	RECEIVED AT	TITLE	

REPORT OF REJECTIONS

ITEM NO.	SUPPLIES OR SERVICES	UNIT	QUANTITY REJECTED	REASON FOR REJECTION

EPA Form 1900-8 (Rev. 9-86) Previous editions are obsolete.

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES 1 | 3

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER	2. CONTRACT NO. *(If any)*	3. ORDER NO.	4. REQUISTION/REFERENCE NO.
06/11/96	N/A	652239NNSA	KAE013

5. CONTRACTING OFFICE: *(Address correspondence to)*
U.S. EPA Mail Drop
Purchasing Section
77 WEST JACKSON BLVD
CHICAGO IL 60604

6. SHIP TO: *(Consignee and address, ZIP Code)*
U.S. EPA
State Program Section
77 WEST JACKSON BLVD
CHICAGO, IL 60604
SHIP VIA: T. Wilson

7. TO: CONTRACTOR *(Name, address and ZIP Code)*
WILL FILE LEGAL
118 N. VAN RENSSELAER ST.
RENSSELAER IN 47978
Fax Number: (219)866-8556 Phone Number: (219)866-4127

8. TYPE OF ORDER

[X] A. PURCHASE - Reference your
Please Furnish the following on the terms and conditions specified on both sides of this order and on the attached sheets, if any, including delivery as indicated. This purchase is negotiated under authority of:

[ ] B. DELIVERY - Except for billing instructions on the reverse, this delivery order is subject to instructions contained in this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.

9. ACCOUNTING AND APPROPRIATION DATA
KAE013 96 B 05K B4E 2583
$600.00

10. REQUISITIONING OFFICE
State Program Section DR-7J

Buyer:
DONNA STINGLEY
(312)353-1677

11. BUSINESS CLASSIFICATION *(Check appropriate box(es))*
[X] SMALL [ ] OTHER THAN SMALL [ ] DISADVANTAGE [ ] WOMEN-OWNED

12. F.O.B. POINT	14. GOVERNMENT B/L NO.	15. DELIVER TO F.O.B. POINT ON OR BEFORE *(Date)*	16. DISCOUNT TERMS
FOB Destination	N/A	6/20/96	NET30

13. PLACE OF INSPECTION AND ACCEPTANCE
Destination

17. SCHEDULE *(See reverse for Rejections)*

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
1	COURT REPORTER SERVICES FOR PUBLIC HEARING ON ENFORCEMENT ACTION FOR U.S.S. LEAD CO. DATE: JUNE 20, 1996 TIME: 6:30PM - 8:30PM PLACE: RILEY PARK COMMUNITY CENTER 1005 E. CHICAGO AVE. EAST CHICAGO, IN	2	HR	$ 50.00	$ 100.00	
2	TRANSCRIPTS ORIGINALS ONLY WITHIN TWO WEEKS Not to Exceed $600.00	150	ZP	$ 3.30	$ 495.00	

SEE BILLING INSTRUCTIONS ON REVERSE

18. SHIPPING POINT

19. GROSS SHIPPING WEIGHT

20. INVOICE NO.

$ .00 **17(h). TOT.** *(Cont.Pages)*

21. MAIL INVOICE TO: *(Include ZIP Code)* U.S. EPA Mail Drop 9054
Immediate Office Finance & Accounting Sectio 77 WEST JACKSON BLVD
CHICAGO, IL 60604

$ 595.00 **17(i). GRAND TOTAL**

22. UNITED STATES OF AMERICA
BY *(Signature)*

23. NAME *(Typed)* WILLIAM A. MASSIE
TITLE: CONTRACTING/ORDERING OFFICER

PURCHASE ORDER TERMS AND CONDITIONS

52..252-2. CLAUSES INCORPORATED BY REFERENCE (Apr 84).- This contract incorporates the following clauses by reference with the same force and effect as if they were given in full text. Upon request the Contracting Officer will make their full text available.

FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1) CLAUSES

52.203-1	Officials Not to Benefit (Apr 84)
52.203-3	Gratuities (Apr 84)
52.203-4	Covenant Against Contingent Fees (Apr 84)
52.212-9	Variation in Quantity (Apr 84) (In the preceding clause, the permission variations are stated in the schedule)
52.222-3	Convict Labor (Apr 84)
52.222-4	Contract Work Hours and Safety Standards Act-Overtime Compensation-General (Apr 84)
52.222-26	Equal Opportunity (Apr 84)
52.222-36	Affirmative Action for Handicapped Workers (Apr 84)
52.222-40	Service Contract Act of 1965-Contracts of $2500 or Less (Apr 84)
52.222-41	Service Contract Act of 1965 (Apr 84)
52.225-3	Buy American Act-Supplies (Apr 84)
52.232-1	Payments (Apr 84)
52.232-8	Discounts for Prompt Payment (Apr 84) (With Alternate 1)
52.233-1	Disputes (Apr 84)
52.243-1	Changes - Fixed Price (Apr 84)
52-249-1	Termination for Convenience of the Government (Fixed Price) (Short Form) (Apr 84)

NOTE.-If desired, this order (or a copy thereof) may be used by the Contractor as the Contractor's invoice, instead of a separate invoice, provided the following statement, (signed and dated) is on (or attached to) the order: "Payment is requested in the amount of $ _____ . No other invoice will be submitted." However, if the Contractor wishes to submit an invoice, the following information must be provided: contract number (if any), order number, item number(s), description of supplies or services, sizes, quantities, unit prices, and extended totals. Prepaid shipping costs will be indicated as a separate item on the invoice. Where shipping costs exceed $100 (except for parcel post), the billing must be supported by a bill of lading or receipt. When several orders are invoiced to an ordering activity during the same billing period, consolidated periodic billings are encouraged.

RECEIVING REPORT

Quantity in the "Quantity Accepted" column on the face of this order has been: ☐ inspected ☐ accepted, ☐ received by me an conforms to contract. Items listed below have been rejected for the reasons indicat

SHIPMENT NUMBER	PARTIAL / FINAL		DATE RECEIVED	SIGNATURE OF AUTHORIZED U.S. GOV'T. REP.	DATE
TOTAL CONTAINERS		GROSS WEIGHT	RECEIVED AT	TITLE	

REPORT OF REJECTIONS

ITEM NO	SUPPLIES OR SERVICE	UNIT	QUANTITY REJECTED	REASON FOR REJECTION

Additional Clause(s):

FAR **52.213-2** **Invoices (APR 84)**

The Contractor's invoices must be submitted before payment can be made. The Contractor will be paid on the basis of the invoice, which must state (a) the starting and ending dates of the subscription delivery, and (b) either that orders have been placed in effect for the addressees required, or that the orders will be placed in effect upon teceipt of payment.

United States
Environmental Protection Agency
Washington, DC 20460

Page of Pages 1 2

PROCUREMENT REQUEST/ORDER

1. Name of Originator: MARTHA Y. ROBINSON		2. Date of Requisition: 05/07/96
3. Mail Code: 9057	4. Telephone Number:	5. Date Item Required: 06/20/96
6. Signature of Originator	7. Recommended Procurement Method: [X] Competitive [ ] Other than full and open competition [ ] Sole source small purchase	
8. Deliver to (Project Officer)	9. Address: US EPA Mail Drop 9057, 77 WEST JACKSON BLVD, CHICAGO	10. Mail Code / 11. Telephone Number
12. Suggested Source (Name, Address, Zip code, Phone/Contact): WILL FILE LEGAL, 118 N. VAN RENSSELAER ST., RENSSELAER, IN 47978 — Fax Number: (219)866-8556 — Phone Number: (219)866-4127	13. Amount of money committed is: [ ] Increase [X] Decrease [X] Original [X] Cancellation	14. For Small Purchases only: Contracting Office is authorized to exceed the amount shown in Block 26 by 10% or $100, whichever is less. [ ] Yes [X] No

15. Approvals

a. Branch/Office	Date	d. Property Management Officer/Designee	Date
b. Division/Office	Date	e. Other *(Specify)*	Date
c. Funds listed in Block 26 and Block 14 (if any) are available and reserved		(Signature & Phone number of Certifying Official) / Phone	Date

16. Date of Order	17. Order Number	18. Contract Number (if any)	19. Discount Terms
20. FOB Point	21. Delivery to FOB Point by ON or before (Date)	22. Person taking Order/Quote and Phone Num	

23. Contractor *(Name, Address, ZIP code)*

24. Type of order
[ ] a. Purchase

Reference your quote *(See Block 22)*

Please furnish the above on the terms specified on both sides of this order and on the attached sheets, if any, including delivery as indicated.

[ ] b. Delivery provisions on the reverse are deleted. The delivery order is subject to the terms and conditions of the contract. *(See Block 19)*

[ ] Oral [ ] Written [ ] Confirming

25. Schedule

Item Number (a)	Supplies or Services (b)	Quantity Ordered (c)	Unit (d)	Estimated Unit Price (e)	Unit Price (f)	Amount (g)	Quantity Accepted (h)
1	COURT REPORTER SERVICES FOR PUBLIC HEARING ON ENFORCEMENT ACTION FOR U.S.S. LEAD CO. DATE: JUNE 20, 1996 TIME: 6:30PM - 8:30PM PLACE: RILEY PARK COMMUNITY CENTER 1005 E. CHICAGO AVE. EAST CHICAGO, IN	2	HR	$ 50.00			
2	TRANSCRIPTS ORIGINALS ONLY WITHIN TWO WEEKS	150	ZP	$ 3.30			
					Total $		

26. Financial and Accounting Data

Line	DCN (Max 6)	Budget/FYs (Max 4)	Appropriation Code (Max 6)	Budget/Org Code (Max 7)	Program Element (Max 9)	Object Class (Max 4)	SFO
1	KAE013	96	B	05K	B4E	2583	05
2							(Max 2)
3							

Line	Amount	Site/Project (Max 8)	Cost Org/Code (Max 7)
1	$ 600.00		
2			
3			

27. United States of America By *(Signature)*	28. Type Name and Phone of Contracting officer	Phone

(Shaded areas are for use of procurement office only)

Page of

US Environmental Protection Agency
Washington, DC 20460

EPA Procurement Request/Order

1. Name of Originator: Martha Y. Robinson		2. Date of Requisition: May 7, 1996
3. Mail Code: DR-7J	4. Telephone Number: (312) 886-6141	5. Date Item Required: ~~XXXXXX~~ JUNE 20, 1996
6. Signature of Originator	7. Recommended Procurement Method: ☒ Competitive ☐ Other than full and open competition ☐ Sole source small purchase	

8. Deliver To *(Project Manager)*: Martha Capiro	9. Address: 77 W. Jackson Blvd., Chcgo, IL	10. Mail Code: DR-7J	11. Telephone Number: (312) 886-7567

12. Financial Data	a. Appropriation	b. Servicing Finance Office Number	NOTE: Item 12(d) Document Type — Contract = "C," Purchase Order = "P"
	686/70108	Region 5, Chicago, Illinois	

FMO Use (c) *(13 digits)*	DT (d)	Document Control Number (e) *(6 digits)*	Account Number (f) *(10 digits)*	Object Class (g) *(4 digits)*	Amount (h) Dollars	Cents
		KAE	/968 05K 84E	2583	600	00
		013				

13. Suggested Source *(Name, Address, ZIP Code, Phone/Contact)*	14. Amount of money committed is:	15. For Small Purchases Only: Contracting Office is authorized to exceed the amount shown in Block 12(h) by 10% or $100, whichever is less.
Procurement: Please choose court reporter	☒ Original ☐ Increase ☐ Decrease	☐ Yes ☐ No

16. Approvals

a. Branch/Office: Jane E. Ratcliffe, Chief, IMS	Date	d. Property Management Officer/Designee	Date
b. Division/Office	Date	e. Other *(Specify)*	Date
c. Funds listed in Block 12 and Block 15 *(if any)* are available and reserved. *(Signature of Certifying Official)*	Date	f. Other *(Specify)*	Date

17. Date of Order	18. Order Number	19. Contract Number *(if any)*	20. Discount Terms

21. FOB Point	22. Delivery to FOB Point by *On or before (Date)*	23. Person Taking Order/Quote and Phone No.

24. Contractor *(Name, address, ZIP Code)*

25. Type of Order
☐ a. Purchase

Reference your quote *(See block 23)*

Please furnish the above on the terms specified on both sides of this order and on the attached sheets, if any, including delivery as indicated.

☐ b. Delivery provisions on the reverse are deleted. The delivery order is subject to the terms and conditions of the contract. *(See Block 19)*

c. ☐ Oral ☐ Written ☐ Confirming

26. Schedule

Item Number (a)	Supplies or Services (b)	Quantity Ordered (c)	Unit (d)	Estimated Unit Price (e)	Unit Price (f)	Amount (g)	Quantity Accepted (h)
1	Court reporting services needed for public hearing on Enforcement Action for U.S.S. Lead Co., Indiana.	3 hr	hr.	$50.00			
	Public Hearing scheduled for 6/20/96 at the Riley Park Community Center, 1005 E. Chicago Ave., East Chicago, IN. from 6:30pm to 8:30pm.						
	Transcripts-originals only-within two weeks.	150	pgs	$3.00			
					Total $		

27. United States of America By *(Signature)*	28. Typed Name and Title of Contracting Officer

EPA Form 1900-8 (Rev. 9-86) Previous editions are obsolete.

COPY 7—FINANCE (COMMITMENT COPY)

(Shaded areas are for use of procurement office only)

Page of

US Environmental Protection Agency
Washington, DC 20460

EPA Procurement Request/Order

1. Name of Originator: Martha Y. Robinson		2. Date of Requisition: May 7, 1996
3. Mail Code: DR-7J	4. Telephone Number: (312) 886-6141	5. Date Item Required: ~~XXXXXX~~ JUNE 20, 1996
6. Signature of Originator	7. Recommended Procurement Method: ☒ Competitive ☐ Other than full and open competition ☐ Sole source small purchase	

8. Deliver To *(Project Manager)*	9. Address	10. Mail Code	11. Telephone Number
Mirtha Capiro	77 W. Jackson Blvd., Chcgo, IL	DR-7J	(312) 886-7567

12. Financial Data	a. Appropriation	b. Servicing Finance Office Number
	686/70108	Region 5, Chicago, Illinois

NOTE: Item 12(d) Document Type — Contract = "C," Purchase Order = "P"

FMO Use (c) *(13 digits)*	DT (d)	Document Control Number (e) *(6 digits)*	Account Number (f) *(10 digits)*	Object Class (g) *(4 digits)*	Amount (h) Dollars	Cents
[illegible]		KAE	/98B 05R B4E	2583	600	00
		013				

13. Suggested Source *(Name, Address, ZIP Code, Phone/Contact)*	14. Amount of money committed is:	15. **For Small Purchases Only:** Contracting Office is authorized to exceed the amount shown in Block 12(h) by 10% or $100, whichever is less.
Procurement: Please choose court reporter	☒ Original ☐ Increase ☐ Decrease	☐ Yes ☐ No

16. Approvals

a. Branch/Office: Jane E. Ratcliffe, Chief, IMS	Date	d. Property Management Officer/Designee	Date
b. Division/Office	Date	e. Other *(Specify)*	Date
c. Funds listed in Block 12 and Block 15 *(if any)* are available and reserved. *(Signature of Certifying Official)*	Date	f. Other *(Specify)*	Date

17. Date of Order	18. Order Number	19. Contract Number *(if any)*	20. Discount Terms

21. FOB Point	22. Delivery to FOB Point by *On or before (Date)*	23. Person Taking Order/Quote and Phone No.

24. Contractor *(Name, address, ZIP Code)*

25. Type of Order
☐ a. Purchase

Reference your quote *(See block 23)*

Please furnish the above on the terms specified on both sides of this order and on the attached sheets, if any, including delivery as indicated.

☐ b. Delivery provisions on the reverse are deleted. The delivery order is subject to the terms and conditions of the contract. *(See Block 19)*

c. ☐ Oral ☐ Written ☐ Confirming

26. Schedule

Item Number (a)	Supplies or Services (b)	Quantity Ordered (c)	Unit (d)	Estimated Unit Price (e)	Unit Price (f)	Amount (g)	Quantity Accepted (h)
1	Court reporting services needed for public hearing on Enforcement Action for U.S.S. Lead Co., Indiana. Public Hearing scheduled for 6/20/96 at the Riley Park Community Center, 1005 E. Chicago Ave., East Chicago, IN. from 6:30pm to 8:30pm.	3 hr	hr.	$50.00			
	Transcripts-originals only-within two weeks.	150	pgs	$3.00			
					Total $		

27. United States of America By *(Signature)*	28. Typed Name and Title of Contracting Officer

EPA Form 1900-8 (Rev. 9-86) Previous editions are obsolete.

COPY 6—PROPERTY MANAGEMENT OFFICE

MEETING AGENDA

U.S. Environmental Protection Agency, Region 5
77 West Jackson Boulevard, (DR-7J)
Chicago, Illinois 60604

Meeting Description *PUBLIC HEARING*

Results Desired *Inform the Public*

Date *June 20, 1996* ***Time*** *5:00 p.m.* ***Location*** *Indiana*

Scheduled Time			Actual Time		
Start	Stop	Total Hours	Start	Stop	Total Hours
5:00 p.m.	8:00 p.m.				

Persons Attending	
1	Mirtha Caprio
2	Terri Wilson
3	Public Affairs staff member
4	State Staff member
5	
6	
7	
8	
9	
10	

Items To Be Discussed		✓
1	Phase I CA Modification	
2	Inform the Public	
3	Other items	
4		
5		
6		
7		
8		
9		
10		

Materials Needed		Person Responsible
1	check with terri	Not sure at this time

U.S. EPA - REGION 5

FACSIMILE TRANSMITTAL FORM

Date: 6/17/96
From: Terri Wilson
Tele: (312) 886-4188
Fax: (312) 353-6519

To: [redacted]
Will File LeGals
Tele: [redacted]
Fax: [redacted]

Pages sent (including cover sheet) 5

Comments:

[redacted]

I have attached four pages which include a cover letter and a two-page public notice to better explain the purpose of the meeting on Thursday.

I have a 15 page Statement of Basis, but did not know if that would more than you needed--you're welcome to it.

Please contact me at the number given above if you have any questions.

Thank you.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF:

DR-7J

MAY 13 1996

Dear Interested Party:

The United States Environmental Protection Agency (U.S. EPA) is accepting comments on a proposed partial remedy for hazardous waste contamination at U.S.S. Lead Refinery, Inc. (USS Lead), and also will be holding a public hearing on such proposed partial remedy. USS Lead is a hazardous waste management facility located at 5300 Kennedy Avenue, East Chicago, Lake County, Indiana. The proposed partial remedy includes the U.S. EPA's designation of a Corrective Action Management Unit (CAMU) at the facility.

The new public comment period will be held from May 20, 1996, until June 25, 1996, to accept comments from area residents, public officials, and others interested in the site. The public hearing will be held on June 20, 1996, at Riley Park Community Center, 1005 E. Chicago Avenue, East Chicago, from 6:30 p.m. to 8:30 p.m. This new public comment period and public hearing are being offered by U.S. EPA in response to requests made by commenters during a previous comment period that ended April 24, 1996. Written comments received during both the previous and the new comment periods, as well as oral comments received at the public hearing, will be considered.

U.S. EPA has issued a Statement of Basis (SB) as part of its public participation responsibilities under the Resources Conservation and Recovery Act (RCRA). The SB summarizes information on the remedial alternatives and the proposed partial remedy. Additional details on the evaluated alternatives and the proposed partial remedy can be found in the Interim Stabilization Measures Workplan and other documents found in the Administrative Record file for this facility. U.S. EPA encourages the public to review these documents.

Before taking final action, the U.S. EPA, Region 5, will give full consideration to all public comments pertaining to the proposed partial remedy as specified in Title 40 of the Code of Federal Regulations (40 CFR) Part 124 and Part 264.552.

Recycled/Recyclable • Printed with Vegetable Oil Based Inks on 100% Recycled Paper (40% Postconsumer)

Enclosed for your information, is a copy of the Public Notice that will appear on May 17, 1996, in the Gary Post-Tribune, Gary, Indiana, and a copy of the SB.

Please contact Ms. Terri J. Wilson, of my staff, at (312) 886-4188, if you have any questions, or are in need of further assistance.

Sincerely,

Willie H. Harris

Willie H. Harris, Chief
Program Management Branch
Waste, Pesticides, and Toxics Division

Enclosures

PUBLIC NOTICE

U.S.S. Lead Refinery, Incorporated
EPA I.D. # IND 047 030 226

The United States Environmental Protection Agency (U.S. EPA) is accepting comments on the proposed partial remedy for cleanup of contamination at U.S.S. Lead Refinery, Incorporated (USS Lead) and also will be holding a public hearing on such proposed partial remedy. USS Lead is located at 5300 Kennedy Avenue, East Chicago, Indiana. This new public comment period and public hearing are being offered by U.S. EPA in response to requests made by commenters during a previous comment period that ended April 24, 1996. **The new public comment period on the proposed partial remedy begins on May 20, 1996, and ends on June 25, 1996. The public hearing will be held on June 20, 1996, at the Riley Park Community Center, 1005 E. Chicago Avenue, East Chicago, from 6:30 p.m. to 8:30 p.m.**

Written comments received during both the previous and the new comment periods, as well as oral comments received at the public hearing, will be accepted. Written comments on the proposed partial remedy must be postmarked by June 25, 1996, and must be sent to:

U.S. Environmental Protection Agency
Region 5
Att: Mirtha Capiro (DRE-8J)
77 West Jackson Boulevard
Chicago, Illinois 60604

U.S. EPA evaluated three remedial alternatives for the cleanup and identified the proposed partial remedy.

U.S. EPA's recommended alternative is Alternative 1: "Removal, Consolidation, and On-Site Disposal".

A description of the remedial alternatives and the proposed partial remedy is contained in the Statement of Basis. Additional details on the proposed partial remedy is contained in the Interim Stabilization Measures Workplan and other documents found the Administrative Record file for this facility. The Statement of Basis and the Administrative Record are available for public inspection and copying at the following locations:

East Chicago Public Library
2401 East Columbus Drive
East Chicago, Indiana 46312
(219) 397-2453
Contact: Reference Department

Gary Public Library
220 W. 5th Avenue
Gary, Indiana 46402
(219) 886-2484
Contact: Reference Department

Whiting Public Library
1735 Oliver Street
Whiting, IN 46394
(219) 659-0269
Contact: Reference Department

and

U.S. EPA, Region 5
Waste, Pesticides, and Toxics Division Record Center
77 West Jackson Boulevard, 7th Floor
Chicago, Illinois 60604
(312) 353-5821
Hours: Mon-Fri, 8:30 a.m. - 5:00 p.m.

Subsequent to the close of the public comment period and after conducting the public hearing, U.S. EPA will evaluate all comments received, and will then select the partial remedy. U.S. EPA will document the selection of the partial remedy in the Response to Comments (RTC). The RTC also will contain a summary of all comments received and will specify if any changes were made. Each person who submitted comments will receive a copy of the RTC.

(Shaded areas are for use of procurement office only)

Waste

Page of

US Environmental Protection Agency
Washington, DC 20460

EPA Procurement Request/Order

1. Name of Originator: Martha Y. Robinson		2. Date of Requisition: May 7, 1996
3. Mail Code: DR-7J	4. Telephone Number: (312) 886-6141	5. Date Item Required: FRIDAY, MAY 17, 1996

6. Signature of Originator

7. Recommended Procurement Method: ☒ Competitive ☐ Other than full and open competition ☐ Sole source small purchase

8. Deliver To (Project Manager)	9. Address	10. Mail Code	11. Telephone Number
Mirtha Capiro	77 West Jackson Blvd., Chcgo, IL	DRE-6J	(312) 886-7567

12. Financial Data — a. Appropriation: 686/70108 — b. Servicing Finance Office Number: Region 5, Chicago, Illinois

NOTE: Item 12(d) Document Type — Contract = "C," Purchase Order = "P"

FMO Use (c) (13 digits)	DT (d)	Document Control Number (e) (6 digits)	Account Number (f) (10 digits)	Object Class (g) (4 digits)	Amount (h) Dollars	Cents
		KAE	56B 05K B4E	2563	60	00
		KBE060				

13. Suggested Source (Name, Address, ZIP Code, Phone/Contact)
MLTH (MBC)
P.O. Box 2300
Gary, IN 46409

Non-Responsive PII [redacted]

14. Amount of money committed is: ☒ Original ☐ Increase ☐ Decrease

15. **For Small Purchases Only:** Contracting Office is authorized to exceed the amount shown in Block 12(h) by 10% or $100, whichever is less. ☐ Yes ☐ No

16. Approvals

a. Branch/Office: Jane E. Ratcliffe, Chief, IMS	Date	d. Property Management Officer/Designee	Date
b. Division/Office	Date	e. Other (Specify)	Date
c. Funds listed in Block 12 and Block 15 (if any) are available and reserved. (Signature of Certifying Official)	Date	f. Other (Specify)	Date

17. Date of Order	18. Order Number	19. Contract Number (if any)	20. Discount Terms

21. FOB Point	22. Delivery to FOB Point by On or before (Date)	23. Person Taking Order/Quote and Phone No.

24. Contractor (Name, address, ZIP Code)

25. Type of Order ☐ a. Purchase — Reference your quote (See block 23)

Please furnish the above on the terms specified on both sides of this order and on the attached sheets, if any, including delivery as indicated.

☐ b. Delivery provisions on the reverse are deleted. The delivery order is subject to the terms and conditions of the contract. (See Block 19)

c. ☐ Oral ☐ Written ☐ Confirming

26. Schedule

Item Number (a)	Supplies or Services (b)	Quantity Ordered (c)	Unit (d)	Estimated Unit Price (e)	Unit Price (f)	Amount (g)	Quantity Accepted (h)
1	1) 60 second spot ad., Placed between the hours of 6:00 am and 10:00 am on FRIDAY, MAY 17, 1996	1	60 sec	$60.00			
	JUSTIFICATION: RCRA regulations at 40 CFR 124.10 require a radio broadcast announcement for RCRA Permit and Enforcement actions.						
					Total $		

27. United States of America By (Signature)

28. Typed Name and Title of Contracting Officer

EPA Form 1900-8 (Rev. 9-86) Previous editions are obsolete.

COPY 9—ORIGINATOR

(Shaded areas are for use of procurement office only)

Waste

Page of

US Environmental Protection Agency
Washington, DC 20460

EPA **Procurement Request/Order**

1. Name of Originator: Martha Y. Robinson			2. Date of Requisition: May 7, 1996
3. Mail Code: DR-7J	4. Telephone Number: (312) 886-6141		5. Date Item Required: ~~XXXXX~~ JUNE 20, 1996
6. Signature of Originator		7. Recommended Procurement Method: ☒ Competitive ☐ Other than full and open competition ☐ Sole source small purchase	
Deliver To (Project Manager): Mirtha Capiro	9. Address: 77 W. Jackson Blvd., Chcgo, IL	10. Mail Code: DR-7J	11. Telephone Number: (312) 886-7567

12. Financial Data	a. Appropriation	b. Servicing Finance Office Number	NOTE: Item 12(d) Document Type — Contract = "C," Purchase Order = "P"
	686/70108	Region 5, Chicago, Illinois	

FMO Use (c) (13 digits)	DT (d)	Document Control Number (e) (6 digits)	Account Number (f) (10 digits)	Object Class (g) (4 digits)	Amount (h) Dollars	Cents
		KAE	96U 05K B4E	2583	600	00
		013				

13. Suggested Source (Name, Address, ZIP Code, Phone/Contact)	14. Amount of money committed is:	15. For Small Purchases Only: Contracting Office is authorized to exceed the amount shown in Block 12(h) by 10% or $100, whichever is less.
Procurement: Please choose court reporter	☒ Original ☐ Increase ☐ Decrease	☐ Yes ☐ No

16. Approvals

a. Branch/Office: Jane E. Ratcliffe, Chief, IMS	Date	d. Property Management Officer/Designee	Date
b. Division/Office	Date	e. Other (Specify)	Date
c. Funds listed in Block 12 and Block 15 (if any) are available and reserved. (Signature of Certifying Official)	Date	f. Other (Specify)	Date

17. Date of Order	18. Order Number	19. Contract Number (if any)	20. Discount Terms

21. FOB Point	22. Delivery to FOB Point by On or before (Date)	23. Person Taking Order/Quote and Phone No.

24. Contractor (Name, address, ZIP Code)

25. Type of Order
☐ a. Purchase

Reference your quote (See block 23)

Please furnish the above on the terms specified on both sides of this order and on the attached sheets, if any, including delivery as indicated.

☐ b. Delivery provisions on the reverse are deleted. The delivery order is subject to the terms and conditions of the contract. (See Block 19)

c. ☐ Oral ☐ Written ☐ Confirming

26. Schedule

Item Number (a)	Supplies or Services (b)	Quantity Ordered (c)	Unit (d)	Estimated Unit Price (e)	Unit Price (f)	Amount (g)	Quantity Accepted (h)
1	Court reporting services needed for public hearing on Enforcement Action for U.S.S. Lead Co., Indiana.	3 hr	hr.	$50.00			
	Public Hearing scheduled for 6/20/96 at the Riley Park Community Center, 1005 E. Chicago Ave., East Chicago, IN. from 6:30pm to 8:30pm.						
	Transcripts-originals only-within two weeks.	150	pgs	$3.00			
					Total $		

27. United States of America By (Signature)	28. Typed Name and Title of Contracting Officer

EPA Form 1900-8 (Rev. 9-86) Previous editions are obsolete.

COPY 9—ORIGINATOR

(Shaded areas are for use of procurement office only)

Page of

US Environmental Protection Agency
Washington, DC 20460

EPA **Procurement Request/Order**

1. Name of Originator: Martha Y. Robinson		2. Date of Requisition: May 7, 1996
3. Mail Code: DR-7J	4. Telephone Number: (312) 886-6141	5. Date Item Required: Thursday, JUNE 20, 1996
6. Signature of Originator: Martha Y. Robinson	7. Recommended Procurement Method: ☒ Competitive ☐ Other than full and open competition ☐ Sole source small purchase	

8. Deliver To (Project Manager)	9. Address	10. Mail Code	11. Telephone Number
Mirtha Capiro	77 W. Jackson Blvd., Chcgo, IL	DR-7J	(312) 886-7567

12. Financial Data	a. Appropriation	b. Servicing Finance Office Number	NOTE: Item 12(d) Document Type — Contract = "C," Purchase Order = "P"
	686/70108	Region 5, Chicago, Illinois	

FMO Use (c) (13 digits)	DT (d)	Document Control Number (e) (6 digits)	Account Number (f) (10 digits)	Object Class (g) (4 digits)	Amount (h) Dollars	Cents
		KAE	96B 05K B4E	2583	600	00

13. Suggested Source (Name, Address, ZIP Code, Phone/Contact)	14. Amount of money committed is:	15. For Small Purchases Only: Contracting Office is authorized to exceed the amount shown in Block 12(h) by 10% or $100, whichever is less.
Procurement: Please choose court reporter	☒ Original ☐ Increase ☐ Decrease	☐ Yes ☐ No

16. Approvals

a. Branch/Office: Jane E. Ratcliffe, Chief, IMS (Jane E Ratcliffe)	Date: 5-7-96	d. Property Management Officer/Designee	Date
b. Division/Office	Date	e. Other (Specify)	Date
c. Funds listed in Block 12 and Block 15 (if any) are available and reserved. (Signature of Certifying Official)	Date	f. Other (Specify)	Date

17. Date of Order	18. Order Number	19. Contract Number (if any)	20. Discount Terms

21. FOB Point	22. Delivery to FOB Point by On or before (Date)	23. Person Taking Order/Quote and Phone No.

24. Contractor (Name, address, ZIP Code)	25. Type of Order	Reference your quote (See Block 23)
	☐ a. Purchase	
	Please furnish the above on the terms specified on both sides of this order and on the attached sheets, if any, including delivery as indicated.	
	☐ b. Delivery provisions on the reverse side of this order are subject to the terms and conditions of the contract. See Block 19	
	c. ☐ Oral ☐ Written ☐ Confirming	

26. Schedule

Item Number (a)	Supplies or Services (b)	Quantity Ordered (c)	Unit (d)	Estimated Unit Price (e)	Price	Amount
1	Court reporting services needed for public hearing on Enforcement Action for U.S.S. Lead Co., Indiana. Public Hearing scheduled for 6/20/96 at the Riley Park Community Center, 1005 E. Chicago Ave., East Chicago, IN. from 6:30pm to 8:30pm. Transcripts-originals only-within two weeks.	3 hr 150	hr. pgs	$50.00 $3.00		
					Total $	

27. United States of America By (Signature)	28. Typed Name and Title of Contracting Officer

EPA Form 1900-8 (Rev. 9-86) Previous editions are obsolete

COPY 1 - PROCUREMENT FILE/CONTRACTING OFFICER

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5

DATE: May 17, 1995

SUBJECT: First Request for Public Notice Completed
USS Lead Refinery, Inc., in East Chicago, Indiana

FROM: Martha Y. Robinson, WRTD
Information Management Section

TO: Mirtha Capiro, Enforcement
ECAB, Mich/Wis. Section

Following the U.S. EPA procedures for handling public notice, public participation and since no public hearing was requested. We consider this first request completed.

Enclosed are the following materials to be incorporate into the administrative record.

a) Public Notice.
b) Newspaper Tear Sheet & Affidavit (certification).
c) Radio Broadcast.
d) 3-Library Letters and Verification.
e) Interested Party Letter/Package.
f) Certification and Mailing list

Please recycle the copies you don't use. If you have any questions or need further assistance feel free to call me at 6-6141.

Enclosures

cc: J. Ratcliffe, IMS
P. Little, Chief, Enf.
File

PUBLIC NOTICE

U.S.S. Lead Refinery, Incorporated
IND 047 030 226

The United States Environmental Protection Agency (U.S. EPA) is accepting comments on the proposed remedy for cleanup of contamination at U.S.S. Lead Refinery, Incorporated (USS Lead), 5300 Kennedy Avenue, East Chicago, Lake County, Indiana.

U.S. EPA evaluated three remedial alternatives for the cleanup and identified the proposed remedy.

U.S. EPA's recommended alternative is Alternative 1: "Removal, Consolidation, and On-Site Disposal".

A description of the remedial alternatives and the proposed remedy is contained in the Statement of Basis and further documentation on the proposed remedy is contained in the Interim Stabilization Measures Workplan.

The public comment period on the Statement of Basis begins on March 26, 1996, and ends on April 24, 1996. Written comments regarding the Statement of Basis must be postmarked by April 24, 1996, and must be sent to:

U.S. Environmental Protection Agency
Region 5
Attn: Mirtha Capiro (DRE-8J)
77 West Jackson Boulevard
Chicago, Illinois 66004
(312) 886-7567

If requested, U.S. EPA will hold a public meeting. Subsequent to the close of the public comment period, U.S. EPA will evaluate all comments received and will select the final remedy. U.S. EPA will document the selection of the final remedy in the Response to Comments (RTC). The RTC also will contain a summary of all comments received and will specify if any changes were made. Each person who submitted comments will receive a copy of the RTC. The Statement of Basis and the Administrative Record are available for public inspection and copying at the following locations:

East Chicago Public Library
2401 East Columbus Drive
East Chicago, Indiana 46312
(219) 397-2453
Contact: Non-Responsive PII

Gary Public Library
220 W. 5th Avenue
Gary, Indiana 46402
(219) 886-2484
Contact: Reference Department

Whiting Public Library
1735 Oliver Street
Whiting, IN 46394
(219) 659-0269
Contact: Reference Department

and

U.S. EPA, Region 5
Waste, Pesticides, and Toxics Division Record Center
77 West Jackson Boulevard, 7th Floor
Chicago, Illinois 60604
(312) 353-5821
Hours: Mon-Fri, 8:30 a.m. - 5:00 p.m.

PUBLIC VOUCHER FOR ADVERTISING

DEPARTMENT OR ESTABLISHMENT, BUREAU OR OFFICE U.S. Environmental Protection Agency, Region 5, WPTD, PMD, IMS	For Agency Use Only VOUCHER NUMBER
PLACE VOUCHER PREPARED 77 West Jackson Boulevard, Chicago, Illinois 60604 — DATE PREPARED FEBRUARY 26, 1996	SCHEDULE NUMBER
NAME OF PUBLICATION Gary Post-Tribune Newspaper	PAID BY
NAME OF PUBLISHER OR REPRESENTATIVE Non-Responsive PII [redacted]	
ADDRESS (Street, room number, city, State and Zip code) 1065 Broadway Gary, Indiana 46402 Tel. same as above Fax No. same as above	

CHARGES

TYPEFACE	(Size of Type)	(Inch, Square, Word, or Folio) POINT PER	
	Number or Lines (Indicate counted or spaced)	Cost Per Line	TOTAL COST
FIRST INSERTION		$	$
ADDITIONAL INSERTIONS GIVE NUMBER ▸			$
TOTAL			$

	NUMBER OF UNITS (Indicate inch, square, word, folio)	COST PER UNIT	TOTAL COST
FIRST INSERTION		$	$
ADDITIONAL INSERTIONS GIVE NUMBER ▸			
TOTAL			$

Attach one copy of advertisement (including upper and lower rules) to each copy of voucher here. If copy is not available sign the following affidavit.

TOTAL LINE RATES AND OTHER RATES	
LESS DISCOUNT AT %	
BALANCE DUE	$
VERIFIED (Initials)	

AFFIDAVIT

THIS REPRESENTS A TRUE BILLING FOR THE ATTACHED ADVERTISING ORDER, WITH SPECIFICATIONS AND COPY, WHICH HAS BEEN COMPLETED.

SIGNATURE OF PUBLISHER OR REPRESENTATIVE

TITLE DATE

FOR AGENCY USE ONLY

ADVERTISEMENT PUBLISHED IN	Date Published
I certify that the advertisement described above appeared in the named publication and that this account is correct and eligible for payment.	
SIGNATURE AND TITLE OF CERTIFYING OFFICER:	DATE
SIGNATURE AND TITLE OF AUTHORIZING OFFICER:	DATE
ACCOUNTING CLASSIFICATION	PAID BY CHECK NUMBER

Estimate: $ 212.00

9697 BOOKKE

LEAD TIME - TWO WEEKS

Appr.# [redacted] BOC # 32 DCN# KBE 037

ACC.# [redacted] OC# 2568 Please call Martha Y. Robinson at 886-6141, if you have any questions.

[1]If the ability to certify and authority to approve are combined in one person enter "N/A" (Not applicable) here.

[2]U.S. GPO: 1974-555-598

September 1973

4 Treasury FRM 2000 Standard form No. 1143

ADVERTISING ORDER

ORDER NUMBER

DEPARTMENT OR ESTABLISHMENT, BUREAU OR OFFICE
U.S. Environmental Protection Agency, Region 5, WPTD, PMB, IMS

DATE
FEBRUARY 26, 1996

The publisher of the publication named below is authorized to publish the enclosed advertisement according to the schedule below provided the rates are not in ex of the commercial rates charged to private individuals with the usual discounts. It is to be set solid, without paragraphing, and without any display in heading unle otherwise expressly authorized in the specifications.

NAME OF THE PUBLICATION ADVERTISED IN
Gary Post-Tribune Newspaper

SUBJECT OF ADVERTISEMENT	EDITION OF PAPER ADVERTISEMENT APPEARED
Public Notice	**GARY POST-TRIBUNE Newspaper**
NUMBER OF TIMES ADVERTISEMENT APPEARED	DATE(s) ADVERTISEMENT APPEARED
One Time Only	**MONDAY, MARCH 25, 1996**

SPECIFICATION FOR ADVERTISEMENT

Place as Legal Notice - AFFIDAVIT REQUIRED

COPY FOR ADVERTISEMENT

See attached Public Notice

AUTHORITY TO ADVERTISE	INSTRUMENT OF ASSIGNMENT
NUMBER 651018NNLT	NUMBER
DATE 3-6-96	DATE
SIGNATURE OF AUTHORIZING OFFICIAL Wanda Aponte	TITLE WANDA APONTE CONTRACTING OFFICER

INSTRUCTIONS TO PUBLISHERS

Extreme care should be exercised to insure that the specifications for advertising to be set other than solid be definite, clear, and specific since no allowance will be made for paragraphing or for display or leaded or prominent headings, unless specifically ordered, or for additional space required by the use of type other than the advertisement copy submitted to the publisher will be attached to the voucher. The following is a sample of solid line advertisement set up in accordance with the usual Government requirements.

DEPARTMENT OF HIGHWAYS & TRAFFIC, D.C.
Bids are requested for first spring 1966 cement concrete repair contract,including incidental work, Washington, D.C., Invitation No. C-5576-H, consisting of 11,000 sq. yds. PCC Class BB sidewalk repair and 2,00 cu. yds. PCC Class A pavement, alley, & driveway repair, both cut repairs only. Bidding material available from the Procurement Officer, D.C. sealed bids to be opened in the Procurement Office at 3:00 p.m., November 15, 1965.

Your bill for this advertising order should be submitted o the "Public Voucher for Advertising" form, which is printed on the reverse of this form, immediately after the last publication of the advertisement. If copies of the printed advertisement are not available, complete the affidavit provided on the voucher. Submit the voucher and copy of the printed advertisement to ▶

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION 5
FINANCE AND ACCOUNTING SECTION (MF-10J)
77 WEST JACKSON BOULEVARD
CHICAGO, ILLINOIS 60604

IMPORTANT

Changes for advertising when a cut, matrix, stereotype or electrotype furnished will be based on actual space used and no allowance will be made for shrinkage.

In no case shall the advertisement extend beyond the date and edition stated in this order.

1143-107

REQUISITION NO.	DATE 2/26/96	QUOTES ☑ ORAL ☐ WRITTEN	
VENDOR	Gary-Post Tribune		
TELEPHONE NO.	(219) 881-3000		
DATE QUOTED BY Cosie / DATE QUOTE # 2/26/96	Non-Responsive PII		
SB-LB-OTHER			
DELIVERY OFFER			
TERMS			
FOB POINT			

ITEM NO.	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	1 6w/c	.223	line	$176.62				
2	1	Affidavit	N/C	-0-				
			20%	35.32				
TOTAL AMOUNT				211.94				

AWARD INFORMATION AND REMARKS

Estimate $212.00

Lead Time: Two Week's

66x72 = 4752 ÷ 6 = 792

To be adv: Monday, March 25, 1996

792x .223 = 176.62

EPA Form 1900-13 (Rev. 7-80) (REVERSE)

WORKSHEET FOR SMALL PURCHASES

REQUISITION NUMBER	DATE

A. PRICE REASONABLENESS BASED ON *(check one or more)*

☐ COMMERCIAL CATALOG/PUBLISHED PRICE LIST

NUMBER	DATE	PAGE

☐ ESTABLISHED MARKET PRICE:

MEANS OF VERIFICATION

☐ COMPARISON WITH PRIOR PURCHASE OF SAME OR SIMILAR ITEM:

VENDOR

ORDER NUMBER	DATE PURCHASED

QUANTITY	UNIT	UNIT PRICE

BASIS FOR DETERMINING PRIOR PRICE REASONABLENESS

☐ VALUE ANALYSIS BY BUYER/USER/TECHNICAL PERSONNEL *(include review of technical data, etc.).*

(specify)

☐ COMPETITION *(if you check this box, complete reverse side of form)*

☐ OTHER *(set forth specific reason, e.g., valid purchase request estimate, minimum order quantity, high priority and delivery, special packaging/marketing)*

(specify)

B. REASONS FOR SOLICITING ONLY ONE SOURCE

(specify)

SIGNATURE OF BUYER	DATE

EPA Form 1900-13 (Rev. 7-80)

Form Prescribed by State Board of Accounts

General Form No. 99 P (Rev. 1987)

U.S. ENVIRONMENTAL PROTECTION AGENCY (Government Unit) To POST-TRIBUNE Dr.

LAKE County, Indiana 1065 BROADWAY, GARY, IND. 46402

PUBLISHER'S CLAIM

LINE COUNT

Display Matter (Must not exceed two actual lines, neither of which shall total more than four solid lines of the type in which the body of the advertisement is set) number of equivalent lines .....

Head — number of lines .....

Body — number of lines .....

Tail — number of lines .....

Total number of lines in notice .....

COMPUTATION OF CHARGES

62 lines, 2 columns wide equals 124 equivalent

lines at .223 cents per line $ 27.66

Additional charge for notices containing rule or tabular work (50 percent of above amount) .....

Charge for extra proofs of publication ($1.00 for each proof in excess of two) .....

TOTAL AMOUNT OF CLAIM $ 27.66

DATA FOR COMPUTING COST

Width of single column 7.4 ems

Size of type 5.5 point

Number of insertions 1

Pursuant to the provisions and penalties of Ch. 155, Acts 1953,

I hereby certify that the foregoing account is just and correct, that the amount claime[redacted] part of the same has been paid

Date MARCH 28, 19 96

Title [redacted]

PT03060PT 3:25

PUBLIC NOTICE
U.S.S. Lead Refinery, Incorporated
IND 047 030 226

The United States Environmental protection Agency (U.S. EPA) is accepting comments on the proposed remedy for cleanup of contamination at U.S.S. Lead Refinery, Incorporated (USS Lead), 5300 Kennedy Avenue, East Chicago, Lake County, Indiana.

U.S. EPA evaluated three remedial alternatives for the cleanup and identified the proposed remedy.

U.S. EPA's recommended alternative is Alternative 1: "Removal, Consolidation, and On-Site Disposal".

A description of the remedial alternatives and the proposed remedy is contained in the Statement of Basis and further documentation on the proposed remedy is contained in the Interim Stabilization Measures Workplan.

The public comment period on the Statement of basis begins on March 26, 1996, and ends on April 24, 1996. Written comments regarding the Statement of basis must be posmarked by April 24, 1996, and must be sent to:

U.S. Environmental Protection Agency
Region 5
Attn: Mirtha Capiro (DRE-8J)
77 West Jackson Boulevard
Chicago, Illinois 66004
(312) 886-7567

If requested, U.S. EPA will hold a public meeting. Subsequent to the close of the public comment period, U.S. EPA will evaluate all comments received and will select the final remedy. U.S. EPA will document the selection of the final remedy in the Response to Comments (RTC). The RTC also will contain a summary of all comments received and will specify if any changes were made. Each person who submitted comments will receive a copy of the RTC. The Statement of basis and the Administrative Record are available for public inspection and copying at the following locations:

East Chicago Public Library
2401 East Columbus Drive
East Chicago, Indiana 46312
(219) 397-2453
Contact: Lorelle Brown, Reference Coordinator

Gary Public Library
220 W. 5th Avenue
Gary, Indiana 46402
(219) 886-2484
Contact: Reference Department

Whiting Public Library
1735 Oliver Street
Whiting, IN 46394
(219) 659-0269
Contact: Reference Department

and

U.S. EPA, Region 5
Waste, Pesticides, and Toxics Division Record Center
77 West Jackson Boulevard, 7th Floor
Chicago, Illinois 60604
(312) 353-5821
Hours: Mon-Fri. 8:30 a.m. - 5:00 p.m.

189A

[redacted]BLISHER'S AFFADAVIT

State of Indiana)
Lake County) SS

Personally appeared before me a notary public in and for said county and state, the [redacted]rsigned R. A. MILLER who, [redacted]g duly sworn, says that he is CREDIT MANAGER [redacted]e POST-TRIBUNE a DAILY [redacted]paper of general circulation printed and published in the English language in the city [redacted] GARY in state and county [redacted]said, and that the printed matter attached hereto is a true copy, which was duly published [redacted]id paper for ONE time [redacted] as follows.

MARCH 25TH [redacted]

[redacted]ribed and sworn to before me this 28T[redacted]

[redacted]mmission expires 4/27/98

Claim No. ..... Voucher No. .....

IN FAVOR OF

POST-TRIBUNE .....

1065 BROADWAY, GARY, IND. 46402 .....

$ .....

On Account Of Appropriation For

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

Allowed ..... , 19 ..

In the sum of $ ..... ,19 .....

I have examined the within claim and hereby certify as follows:

That it is in proper form.

That it is duly authenticated as required by law.

That it is based upon statutory authority.

That it is apparently (correct) (incorrect)

I certify that the within claim is true and correct; that the services therein itemized and for which charge is made were ordered by me and were necessary to the public business.

.....

190A

LEGAL ADVERTISING

TABLE SHOWING PRICE PER LINE AND PER INSERTION

Type Size	8.5 Em Column				8.6 Em Column				8.75 Em Column				8.8 Em Column				9 Em Column			
	No. of Insertions				No. of Insertions				No. of Insertions				No. of Insertions				No. of Insertions			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
5.5	245	367	489	611	248	371	495	619	252	378	504	629	253	380	507	634	259	389	518	648
6	224	337	449	561	227	341	454	568	231	347	462	578	232	348	465	581	238	356	475	594
7	192	288	384	480	194	292	389	486	198	297	396	495	199	299	398	498	204	305	407	509
7.5	180	269	359	449	182	272	363	454	185	277	370	462	186	279	372	464	190	285	380	475
8	168	252	337	421	170	255	341	426	173	260	347	433	174	261	348	436	178	267	356	446
9	149	224	299	374	151	227	302	378	154	231	308	384	155	232	310	387	158	238	317	396
10	135	202	269	337	136	204	272	340	139	208	277	347	139	209	279	348	143	214	285	356
12	112	168	224	281	114	170	227	284	116	173	231	289	116	174	232	290	119	178	238	297

Type Size	9.3 Em Column				9.5 Em Column				9.6 Em Column				9.9 Em Column				10 Em Column			
	No. of Insertions				No. of Insertions				No. of Insertions				No. of Insertions				No. of Insertions			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
5.5	268	401	535	669	274	410	547	684	276	414	552	691	285	428	570	713	288	432	576	719
6	246	368	491	614	251	376	502	627	253	380	507	634	261	392	523	653	264	396	528	660
7	210	315	420	526	215	322	430	537	217	326	434	543	224	336	447	559	226	339	452	565
7.5	196	295	393	491	201	301	401	502	203	304	405	507	209	313	418	522	211	317	422	528
8	184	276	368	460	188	282	376	470	190	285	380	475	196	294	392	490	198	297	396	495
9	164	246	327	409	167	250	334	417	169	253	338	422	174	261	348	436	176	264	352	440
10	147	221	294	368	150	226	301	376	152	228	304	380	157	235	314	392	158	238	317	396
12	123	184	246	307	125	188	251	314	127	190	253	317	131	196	261	327	132	198	264	330

Type Size	10.5 Em Column				11 Em Column				11.5 Em Column				12 Em Column				12.5 Em Column			
	No. of Insertions				No. of Insertions				No. of Insertions				No. of Insertions				No. of Insertions			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
5.5	302	453	605	756	317	475	634	792	331	496	662	827	346	518	691	864	360	540	720	899
6	277	416	554	693	290	436	581	726	304	455	607	759	317	475	634	792	330	495	660	825
7	238	356	475	594	249	373	498	622	260	390	520	651	271	407	543	678	283	424	566	707
7.5	222	333	444	554	232	348	465	581	243	364	486	607	253	380	507	634	264	396	528	660
8	208	312	416	520	218	327	436	545	228	342	455	569	238	356	475	594	248	371	495	619
9	185	277	370	462	193	290	387	483	202	303	405	506	211	317	422	528	220	330	440	549
10	166	249	333	416	174	261	348	436	182	273	364	455	190	285	380	475	198	297	396	495
12	139	208	277	347	145	218	290	363	152	228	304	380	158	238	317	396	165	248	330	413

Type Size	13 Em Column				13.5 Em Column				14 Em Column				14.5 Em Column				15 Em Column			
	No. of Insertions				No. of Insertions				No. of Insertions				No. of Insertions				No. of Insertions			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
5.5	374	561	748	936	389	583	777	972	403	604	806	1.007	417	626	835	1.044	432	648	864	1.080
6	343	515	686	858	356	535	713	891	370	554	739	924	383	574	766	957	396	594	792	990
7	294	441	588	735	305	458	611	763	317	475	634	792	328	492	656	820	339	509	678	848
7.5	275	412	549	686	285	428	570	713	296	444	591	739	306	459	612	766	317	475	634	792
8	257	386	515	644	267	401	535	668	277	416	554	693	287	431	574	718	297	446	594	743
9	229	343	457	572	238	356	475	594	246	369	492	615	255	383	510	638	264	396	528	
10	206	309	412	515	214	321	428	535	222	333	444	554	230	345	459	574	238	356	475	
12	172	257	343	429	178	267	356	446	185	277	370	462	191	287	383	479	198	297	396	

Post-Tribune
Northwest Indiana's Leading Newspaper

1065 Broadway
Gary, Indiana
46402-2998

PHONE 881-3031

DATE 03/28/96
TERMS 10 DAYS

THIS IS YOUR INVOICE

KEEP THIS COPY FOR YOUR RECORDS

ACCOUNT NAME U S. ENVIRON PROTECTION AGENCY

ACCOUNT NO. 8211824
LEGAL

REFERENCE NUM	DATE	TAG/DESCRIPTION	SIZE	AMOUNT
TJILG0070	03/25	6510 BNNLT/PT03	124.0CL	27 66

CUSTOMER COPY

1065 BROADWAY
GARY, IN 46402

U.S. ENVIRON PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

ON CLAIM FORMS FOR PAYMENT USE EITHER REFERENCE # OR PT#. SIZE OF LEGAL AD IS IN DESCRIPTION FIELD

(Shaded areas are for use of procurement office only)

Page of

US Environmental Protection Agency
Washington, DC 20460

EPA **Procurement Request/Order**

1. Name of Originator: Martha Y. Robinson		2. Date of Requisition: February 26, 1996
3. Mail Code: DR-7J	4. Telephone Number: (312) 886-6141	5. Date Item Required: March 25, 1996
6. Signature of Originator	7. Recommended Procurement Method: [X] Competitive [ ] Other than full and open competition [ ] Sole source small purchase	
8. Deliver To (Project Manager): Mirtha Capiro	9. Address: 77 West Jackson Blvd., Chcgo, IL	10. Mail Code: DRE-8J; 11. Telephone Number: (312) 886-7557

12. Financial Data	a. Appropriation	b. Servicing Finance Office Number	NOTE: Item 12(d) Document Type — Contract = "C," Purchase Order = "P"
	635/50108	Region 5, Chicago, IL.	

FMO Use (c) (13 digits)	DT (d)	Document Control Number (e) (6 digits)	Account Number (f) (10 digits)	Object Class (g) (4 digits)	Amount (h) Dollars	Cents
		KBE	6E4E05K000	2500	00	00
		KBE 031				

13. Suggested Source (Name, Address, ZIP Code, Phone/Contact)
WLTH (NBC)
P.O. Box 2300
Gary, Indiana 45409 TEL, [redacted] Non-Responsive PII

14. Amount of money committed is:
[X] Original
[ ] Increase
[ ] Decrease

15. For Small Purchases Only: Contracting Office is authorized to exceed the amount shown in Block 12(h) by 10% or $100, whichever is less.
[X] Yes [ ] No

16. Approvals

a. Branch/Office: Jane E. Ratcliffe, Chief, IMS	Date	d. Property Management Officer/Designee	Date
b. Division/Office	Date	e. Other (Specify)	Date
c. Funds listed in Block 12 and Block 15 (if any) are available and reserved. (Signature of Certifying Official)	Date	f. Other (Specify)	Date

17. Date of Order	18. Order Number	19. Contract Number (if any)	20. Discount Terms

21. FOB Point	22. Delivery to FOB Point by On or before (Date)	23. Person Taking Order/Quote and Phone No.

24. Contractor (Name, address, ZIP Code)

25. Type of Order
[ ] a. Purchase

Reference your quote (See block 23)

Please furnish the above on the terms specified on both sides of this order and on the attached sheets, if any, including delivery as indicated.

[ ] b. Delivery provisions on the reverse are deleted. The delivery order is subject to the terms and conditions of the contract. (See Block 19)

c. [ ] Oral [ ] Written [ ] Confirming

26. Schedule

Item Number (a)	Supplies or Services (b)	Quantity Ordered (c)	Unit (d)	Estimated Unit Price (e)	Unit Price (f)	Amount (g)	Quantity Accepted (h)
1	1) 60 second spot ad., placed between the hours of 6:00 am and 10:00 am on MONDAY, MARCH 25, 1996. JUSTIFICATION: RCRA regulations at 40 CFR 124.10 require a radio broadcast announcement for RCRA Permit/Eff., actions.	1	60 sec	$60.00			
					Total $		

27. United States of America By (Signature)	28. Typed Name and Title of Contracting Officer

(Shaded areas are for use of procurement office only)

Page of

US Environmental Protection Agency
Washington, DC 20460

EPA Procurement Request/Order

1. Name of Originator: Martha Y. Robinson		2. Date of Requisition: February 26, 1996
3. Mail Code: DR-7J	4. Telephone Number: (312) 886-6141	5. Date Item Required: March 25, 1996
6. Signature of Originator: [signature]	7. Recommended Procurement Method: ☒ Competitive ☐ Other than full and open competition ☐ Sole source small purchase	

8. Deliver To (Project Manager)	9. Address	10. Mail Code	11. Telephone Number
Mirtha Capiro	77 West Jackson Blvd., Chcgo, IL	DRE-8J	(312) 886-7567

12. Financial Data	a. Appropriation	b. Servicing Finance Office Number	NOTE: Item 12(d) Document Type — Contract = "C," Purchase Order = "P"
	68~~5~~/20108	Region 5, Chicago, IL.	

FMO Use (c) (13 digits)	DT (d)	Document Control Number (e) (6 digits)	Account Number (f) (10 digits)	Object Class (g) (4 digits)	Amount (h) Dollars	Cents
PR-TL96-00153		KBE	6B4E0[illegible]0	2568	N/C	60 00
		036	[illegible]			

13. Suggested Source (Name, Address, ZIP Code, Phone/Contact)	14. Amount of money committed is:	15. For Small Purchases Only: Contracting Office is authorized to exceed the amount shown in Block 12(h) by 10% or $100, whichever is less.
WLTH (NBC) Radio P.O. Box 2300 Gary, Indiana 46409 TEL, [redacted]	☒ Original ☐ Increase ☐ Decrease	☒ Yes ☐ No

Non-Responsive PII

16. Approvals

a. Branch/Office: Jane E. Ratcliffe, Chief, IMS	Date	d. Property Management Officer/Designee	Date
b. Division/Office	Date	e. Other (Specify)	Date
c. Funds listed in Block 12 and Block 15 (if any) are available and reserved. (Signature of Certifying Official) DALE MEYER	Date 3/1/96	f. Other (Specify)	Date

17. Date of Order	18. Order Number	19. Contract Number (if any)	20. Discount Terms

21. FOB Point	22. Delivery to FOB Point by On or before (Date)	23. Person Taking Order/Quote and Phone No.

24. Contractor (Name, address, ZIP Code)

25. Type of Order
☐ a. Purchase

Reference your quote (See block 23)

Please furnish the above on the terms specified on both sides of this order and on the attached sheets, if any, including delivery as indicated.

☐ b. Delivery provisions on the reverse are deleted. The delivery order is subject to the terms and conditions of the contract. (See Block 19)

c. ☐ Oral ☐ Written ☐ Confirming

26. Schedule

Item Number (a)	Supplies or Services (b)	Quantity Ordered (c)	Unit (d)	Estimated Unit Price (e)	Unit Price (f)	Amount (g)	Quantity Accepted (h)
1	1) 60 second spot ad., placed between the hours of 6:00 am and 10:00 am on MONDAY, MARCH 25, 1996. NO Charge for P.R JUSTIFICATION: RCRA regulations at 40 CFR 124.10 require a radio broadcast announcement for RCRA Permit/Eff., actions.	1	60 sec	$60.00			
					Total $	N/C	

27. United States of America By (Signature)	28. Typed Name and Title of Contracting Officer

EPA Form 1900-8 (Rev. 9-86) Previous editions are obsolete

RADIO BROADCAST

U.S.S. Lead Refinery, Incorporated

East Chicago, Indiana

The United States Environmental Protection Agency (U.S. EPA) is accepting comments on the proposed remedy for cleanup of contamination at U.S.S. Lead Refinery, Incorporated (USS Lead), 5300 Kennedy Avenue, East Chicago, Lake County, Indiana.

U.S. EPA evaluated three remedial alternatives for the cleanup and identified the proposed remedy.

A copy of a Statement of Basis describing the remedial alternatives and the proposed remedy and supplemental documents for the U.S. EPA administrative record, are available for public inspection and copying at the East Chicago Public Library, 2401 East Columbus Drive, East Chicago, Indiana and at the offices of the U.S. EPA, Region 5 in Chicago, Illinois.

The public comment period on the Statement of Basis begins on March 26, 1996, and ends on April 24, 1996. Written comments regarding the Statement of Basis must be postmarked by April 24, 1996, and must be sent to:

U.S. EPA, Region 5
Waste, Pesticides, and Toxics Division (DRE-8J)
77 West Jackson Boulevard
Chicago, Illinois 60604

A public meeting for this proposed remedy will not be scheduled unless requested during the public comment period.

For more information, contact Ms. Mirtha Capiro at (312) 886-7567.

(Shaded areas are for use of procurement office only)

Page of

US Environmental Protection Agency
Washington, DC 20460

EPA Procurement Request/Order

1. Name of Originator: Martha Y. Robinson		2. Date of Requisition: February 26, 1996
3. Mail Code: DR-7J	4. Telephone Number: (312) 886-6141	5. Date Item Required: March 25, 1996
6. Signature of Originator	7. Recommended Procurement Method: ☒ Competitive ☐ Other than full and open competition ☐ Sole source small purchase	

8. Deliver To *(Project Manager)*: Mirtha Capito	9. Address: 77 West Jackson, Blvd., Chcgo, IL	10. Mail Code: DRE-8J	11. Telephone Number: (312) 886-7567

12. Financial Data — a. Appropriation: 686/70108 — b. Servicing Finance Office Number: Region 5, Chicago, Il

NOTE: Item 12(d) Document Type — Contract = "C," Purchase Order = "P"

FMO Use (c) *(13 digits)*	DT (d)	Document Control Number (e) *(6 digits)*	Account Number (f) *(10 digits)*	Object Class (g) *(4 digits)*	Amount (h) Dollars	Cents
		KBE	684E05K000	2568	N/Charge	000000

13. Suggested Source *(Name, Address, ZIP Code, Phone/Contact)*
WGVE Radio
1800 East 35 Ave.,
Gary Indiana 46409
Non-Responsive PII [redacted]

14. Amount of money committed is: ☒ Original ☐ Increase ☐ Decrease

15. **For Small Purchases Only:** Contracting Office is authorized to exceed the amount shown in Block 12(h) by 10% or $100, whichever is less. ☒ Yes ☐ No

16. Approvals

a. Branch/Office: Jane E. Ratcliffe, Chief, IMS	Date	d. Property Management Officer/Designee	Date
b. Division/Office	Date	e. Other *(Specify)*	Date
c. Funds listed in Block 12 and Block 15 *(if any)* are available and reserved. *(Signature of Certifying Official)*	Date	f. Other *(Specify)*	Date

17. Date of Order	18. Order Number	19. Contract Number *(if any)*	20. Discount Terms
21. FOB Point	22. Delivery to FOB Point by *On or before (Date)*	23. Person Taking Order/Quote and Phone No.	

24. Contractor *(Name, address, ZIP Code)*

25. Type of Order: ☐ a. Purchase — Reference your quote *(See block 23)*

Please furnish the above on the terms specified on both sides of this order and on the attached sheets, if any, including delivery as indicated.

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☐ c. ☐ Oral ☐ Written ☐ Confirming

26. Schedule

Item Number (a)	Supplies or Services (b)	Quantity Ordered (c)	Unit (d)	Estimated Unit Price (e)	Unit Price (f)	Amount (g)	Quantity Accepted (h)
1	1) 60 second spot ad., placed between the hours of 6:00 am and 10:00 am on MONDAY, MARCH 25, 1996	1	60 sec	N/C			
	JUSTIFICATION: RCRA regulations at 40CFR 124.10 require a radio broadcast announcement for RCRA Permit/Enf. Actions						
					Total $		

27. United States of America By *(Signature)*

28. Typed Name and Title of Contracting Officer

EPA Form 1900-8 (Rev. 9-86) Previous editions are obsolete.

RADIO BROADCAST

U.S.S. Lead Refinery, Incorporated

East Chicago, Indiana

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U.S. EPA evaluated three remedial alternatives for the cleanup and identified the proposed remedy.

A copy of a Statement of Basis describing the remedial alternatives and the proposed remedy and supplemental documents for the U.S. EPA administrative record, are available for public inspection and copying at the East Chicago Public Library, 2401 East Columbus Drive, East Chicago, Indiana and at the offices of the U.S. EPA, Region 5 in Chicago, Illinois.

The public comment period on the Statement of Basis begins on March 26, 1996, and ends on April 24, 1996. Written comments regarding the Statement of Basis must be postmarked by April 24, 1996, and must be sent to:

U.S. EPA, Region 5
Waste, Pesticides, and Toxics Division (DRE-8J)
77 West Jackson Boulevard
Chicago, Illinois 60604

A public meeting for this proposed remedy will not be scheduled unless requested during the public comment period.

For more information, contact Ms. Mirtha Capiro at (312) 886-7567.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF

MAR 2 1 1996

DR-7J

Certified Mail
Return Receipt Requested

Whiting Public Library
1735 Oliver Street
Whiting, Indiana 46394

Re: RCRA Statement of Basis
U.S.S. Lead Refinery, Inc.
IND 047 030 226

Dear Sir/Madam:

The United States Environmental Protection Agency (U.S. EPA) is hereby giving notice that it is accepting comments on the proposed remedy for cleanup of contamination at U.S.S. Lead Refinery, Incorporated (USS Lead), 5300 Kennedy Avenue, East Chicago, Lake County, Indiana.

We request that you provide the public the opportunity to review the following materials at the Whiting Public Library beginning March 26, 1996, until April 24, 1996.

The following documents are enclosed:

- Statement of Basis
- Public Notice
- Administrative Record and Attachments

There is no need to return these documents at the close of the public examination period. Thank you for your assistance. If you have any question, please contact me at (312) 886-6141.

Sincerely yours,

Martha Y. Robinson
Information Management Section

Enclosures

Printed on Recycled Paper

VERIFICATION OF RECEIPT OF PUBLIC REVIEW MATERIALS

NAME OF LIBRARY, CONTACT PERSON AND LOCATION:

Whiting Public Library
1735 Oliver Street
Whiting, Indiana 46394
tel. (219) 659-0269 - Rachael DeLuna - Adult Resources.

FACILITY NAME, LOCATION AND IDENTIFICATION NUMBER:

RCRA Statement of Basis
U.S.S. Lead Refinery, Inc.
IND 047 030 226

MATERIALS ENCLOSED (RECEIVED):

- Statement of Basis
- Public Notice
- Administrative Record and Attachments

CONCURRENCE

DATE RECEIVED BY LIB

DATE AVAILABLE TO PU

NAME OF RECEIVING PA

POSITION/TITLE OF REC

SIGNATURE OF RECEIVI

Return signed copy to:

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

WHITING PUBLIC LIBRARY
1735 OLIVER STREET
WHITING, IN 46394

4a. Article Number
P 083 451 166

4b. Service Type
☒ Registered ☐ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery
3-22-94

8. Addressee's Address *(Only if requested and fee is paid)*

WHITING MAR 22 1996

Non-Responsive PII

[redacted]

PS Form 3811, December 1994

Domestic Return Receipt

Thank you for using Return Receipt Service.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF:

DR-7J

MAR 21 1996

Certified Mail
Return Receipt Requested

Non-Responsive PII
[redacted]
East Chicago Public Library
2401 East Columbus Drive
East Chicago, Indiana 46312-2998

Re: RCRA Statement of Basis
U.S.S. Lead Refinery, Inc.
IND 047 030 226

Dear Non-Responsive PII [redacted]

The United States Environmental Protection Agency (U.S. EPA) is hereby giving notice that it is accepting comments on the proposed remedy for cleanup of contamination at U.S.S. Lead Refinery, Incorporated (USS Lead), 5300 Kennedy Ave., East Chicago, Lake County, Indiana.

We request that you provide the public the opportunity to review the following materials at the East Chicago Library beginning March 26, 1996, until April 24, 1996.

The following documents are enclosed:

- Statement of Basis
- Public Notice
- Administrative Record and Attachments

There is no need to return these documents at the close of the public examination period.

Thank you for your assistance. If you have any question, please contact me at (312) 886-6141.

Sincerely yours,

Martha Y. Robinson
Information Management Section

Enclosures

Printed on Recycled Paper

VERIFICATION OF RECEIPT OF PUBLIC REVIEW MATERIALS

NAME OF LIBRARY, CONTACT PERSON AND LOCATION:

Non-Responsive PII
East Chicago Public Library
2401 East Columbus Drive
East Chicago, Indiana 46312-2998
Non-Responsive PII

FACILITY NAME, LOCATION AND IDENTIFICATION NUMBER:

RCRA Statement of Basis
U.S.S. Lead Refinery, Inc.
IND 047 030 226

MATERIALS ENCLOSED (RECEIVED):

- °Statement of Basis
- °Public Notice
- °Administrative Record and Attachments

CONCURRENCE

DATE RECEIVED BY LIB

DATE AVAILABLE TO PU

NAME OF RECEIVING PA

POSITION/TITLE OF REC

SIGNATURE OF RECEIVI

Return signed copy to:

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Non-Responsive PII
EAST CHICAGO PUBLIC LIBRARY
2401 EAST COLUMBUS DRIVE
EAST CHICAGO, IN 46312-2998

4a. Article Number
P083 451 167

4b. Service Type
☒ Registered ☐ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery
3-25-94

5. Received By: *(Print Name)*

8. Addressee's Address *(Only if requested and fee is paid)*

6. Signature: *(Addressee or Agent)*
X Non-Responsive PII

PS Form **3811**, December 1994 Domestic Return Receipt

Thank you for using Return Receipt Service.

VERIFICATION OF RECEIPT OF PUBLIC REVIEW MATERIALS

NAME OF LIBRARY, CONTACT PERSON AND LOCATION:

Non-Responsive PII [redacted]
East Chicago Public Library
2401 East Columbus Drive
East Chicago, Indiana 46312-2998

FACILITY NAME, LOCATION AND IDENTIFICATION NUMBER:

RCRA Statement of Basis
U.S.S. Lead Refinery, Inc.
IND 047 030 226

MATERIALS ENCLOSED (RECEIVED):

- **Statement of Basis**
- **Public Notice**
- **Administrative Record** and Attachments

CONCURRENCE

DATE RECEIVED BY LIBRARY: 3/25/96

DATE AVAILABLE TO PUBLIC: 3/26/96

NAME OF RECEIVING PARTY: Non-Responsive PII [redacted]

POSITION/TITLE OF RECEIVING PARTY: DIRECTOR

SIGNATURE OF RECEIVING PARTY: Non-Responsive PII [redacted]

Return signed copy to:

U.S. EPA, Region 5,
77 West Jackson Blvd., (DR-7J)
Chicago, Illinois 60604,
Attn: Martha Y. Robinson

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF:

MAR 21 1996

DR-7J

Certified Mail
Return Receipt Requested

Gary Public Library
220 W. 5th Avenue
Gary, Indiana 46402

Re: RCRA Statement of Basis
U.S.S. Lead Refinery, Inc.
IND 047 030 226

Dear Sir/Madam:

The United States Environmental Protection Agency (U.S. EPA) is hereby giving notice that it is accepting comments on the proposed remedy for cleanup of contamination at U.S.S. Lead Refinery, Incorporated (USS Lead), 5300 Kennedy Avenue, East Chicago, Lake County, Indiana.

We request that you provide the public the opportunity to review the following materials at the Gary Public Library beginning March 26, 1996, until April 24, 1996.

The following documents are enclosed:

- Statement of Basis
- Public Notice
- Administrative Record and Attachments

There is no need to return these documents at the close of the public examination period. Thank you for your assistance. If you have any question, please contact me at (312) 886-6141.

Sincerely yours,

Martha Y. Robinson
Information Management Section

Enclosures

Printed on Recycled Paper

VERIFICATION OF RECEIPT OF PUBLIC REVIEW MATERIALS

NAME OF LIBRARY, CONTACT PERSON AND LOCATION:

Gary Public Library
220 W. 5th Avenue
Non-Responsive PII

FACILITY NAME, LOCATION AND IDENTIFICATION NUMBER:

RCRA Statement of Basis
U.S.S. Lead Refinery, Inc.
IND 047 030 226

MATERIALS ENCLOSED (RECEIVED):

- **Statement of Basis**
- **Public Notice**
- **Administrative Record** and Attachments

CONCURRENCE

DATE RECEIVED BY LIB

DATE AVAILABLE TO PU

NAME OF RECEIVING PA

POSITION/TITLE OF REC

SIGNATURE OF RECEIVI

Return signed copy to:

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write *"Return Receipt Requested"* on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
GARY PUBLIC LIBRARY
220 W. 5TH AVENUE
GARY, IN 46402

4a. Article Number
P083 451 168

4b. Service Type
☑ Registered ☐ Certified
☐ Express Mail ☐ Insured
☐ Return Receipt for Merchandise ☐ COD

7. Date of Delivery
5-20-96

5. Received By: *(Print Name)*

6. Signature: *(Addressee or Agent)*
X Non-Responsive PII

8. Addressee's Address *(Only if requested and fee is paid)*

PS Form 3811, December 1994 Domestic Return Receipt

Thank you for using Return Receipt Service.

MAR 2 5 1996

DR-7J

Dear Interested Party:

The United States Environmental Protection Agency (U.S. EPA) is accepting comments on a proposed partial remedy for hazardous waste contamination at U.S.S. Lead Refinery, Inc. (USS Lead), a hazardous waste management facility located at 5300 Kennedy Avenue, East Chicago, Lake County, Indiana. The proposed partial remedy will include the U.S. EPA's designation of a Corrective Action Management Unit (CAMU) at the facility.

U.S. EPA is issuing a Statement of Basis (SB) as part of its public participation responsibilities under the Resources Conservation and Recovery Act (RCRA).

The SB summarizes information that can be found in greater detail in the Interim Stabilization Measures Workplan and other documents found in the Administrative Record file for this facility. U.S. EPA encourages the public to review these documents. A public comment period will be held from March 26, 1996, until April 24, 1996, to accept comments from area residents, public officials, and others interested in the site. If a public meeting is requested, the Agency will publish a newspaper notice of the meeting prior to holding the meeting. This meeting would be to discuss the proposed partial remedy and accept additional comments from interested parties.

Before taking final action, the U.S. EPA, Region 5, will give full consideration to all public comments pertaining to the proposed SB as specified in Title 40 of the Code of Federal Regulations (40 CFR) Part 124 and Part 264.552.

Enclosed for your information, is a copy of the Public Notice that appeared on March 25, 1996, in the Gary Post-Tribune, Gary, Indiana, and the SB containing the summary on the proposed partial remedy.

Please contact Ms. Martha Y. Robinson, of my staff, at (312) 886-6141, if you have any questions, or are in need of further assistance.

Sincerely,

Willie H. Harris, Chief
Program Management Branch
Waste, Pesticides, and Toxics Division

Enclosures

bcc: Mirtha Capiro

3/21/96 3/25/96 3/25/96

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF

DR-7J

MAR 25 1996

Dear Interested Party:

The United States Environmental Protection Agency (U.S. EPA) is accepting comments on a proposed partial remedy for hazardous waste contamination at U.S.S. Lead Refinery, Inc. (USS Lead), a hazardous waste management facility located at 5300 Kennedy Avenue, East Chicago, Lake County, Indiana. The proposed partial remedy will include the U.S. EPA's designation of a Corrective Action Management Unit (CAMU) at the facility.

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Please contact Ms. Martha Y. Robinson, of my staff, at (312) 886-6141, if you have any questions, or are in need of further assistance.

Sincerely,

Willie H. Harris

Willie H. Harris, Chief
Program Management Branch
Waste, Pesticides, and Toxics Division

Enclosures

Printed on Recycled Paper

PUBLIC NOTICE

U.S.S. Lead Refinery, Incorporated
IND 047 030 226

The United States Environmental Protection Agency (U.S. EPA) is accepting comments on the proposed remedy for cleanup of contamination at U.S.S. Lead Refinery, Incorporated (USS Lead), 5300 Kennedy Avenue, East Chicago, Lake County, Indiana.

U.S. EPA evaluated three remedial alternatives for the cleanup and identified the proposed remedy.

U.S. EPA's recommended alternative is Alternative 1: "Removal, Consolidation, and On-Site Disposal".

A description of the remedial alternatives and the proposed remedy is contained in the Statement of Basis and further documentation on the proposed remedy is contained in the Interim Stabilization Measures Workplan.

The public comment period on the Statement of Basis begins on March 26, 1996, and ends on April 24, 1996. Written comments regarding the Statement of Basis must be postmarked by April 24, 1996, and must be sent to:

U.S. Environmental Protection Agency
Region 5
Attn: Mirtha Capiro (DRE-8J)
77 West Jackson Boulevard
Chicago, Illinois 66004
(312) 886-7567

If requested, U.S. EPA will hold a public meeting. Subsequent to the close of the public comment period, U.S. EPA will evaluate all comments received and will select the final remedy. U.S. EPA will document the selection of the final remedy in the Response to Comments (RTC). The RTC also will contain a summary of all comments received and will specify if any changes were made. Each person who submitted comments will receive a copy of the RTC. The Statement of Basis and the Administrative Record are available for public inspection and copying at the following locations:

East Chicago Public Library
2401 East Columbus Drive
East Chicago, Indiana 46312
(219) 397-2453
Contact: Non-Responsive PII

Gary Public Library
220 W. 5th Avenue
Gary, Indiana 46402
(219) 886-2484
Contact: Reference Department

Whiting Public Library
1735 Oliver Street
Whiting, IN 46394
(219) 659-0269
Contact: Reference Department

and

U.S. EPA, Region 5
Waste, Pesticides, and Toxics Division Record Center
77 West Jackson Boulevard, 7th Floor
Chicago, Illinois 60604
(312) 353-5821
Hours: Mon-Fri, 8:30 a.m. - 5:00 p.m.

CERTIFICATE OF MAILING

I, ***Martha Y. Robinson,*** a duly authorized representative of the United States Environmental Protection Agency, Region 5. Do hereby certify that on ***March 25, 1996,*** I placed in the United States mail, at 77 West Jackson Boulevard. Copy of the Public Notice and the Statement of Basis for the "Proposed Partial Remedy for the Hazardous Waste Contamination" submitted by ***USS Lead Refinery, Inc.,*** located at 5300 Kennedy Avenue, East Chicago, Lake County, Indiana (IND 047 030 226). The above mentioned information was mailed to the persons specified on the attached mailing list.

Dated: March 25, 1996 Signature Martha Y. Robinson

Non-Responsive PII
President
Env., Quality Control, Inc.
430 Indiana Ave., Suite 104
ianapolis, Indiana 46202-3212

Non-Responsive PII
Brookridge Consultants, Inc.
9100 Keystone Crossing #725
Indianapolis, IN 46240-4627

Non-Responsive PII
Ind. Petroleum Council
143 West Market St., Suite 714
Indianapolis, IN 46204

Bowen Engineering Corp.
P.O. Box 40729
Indianapolis, IN 46240

Non-Responsive PII
Corporate Engineering
103 N. Main St., Suite 202
Cown Point, IN 46307

Non-Responsive PII
r. of Historic Preservation
402 W Washington St. Room 274
Indianapolis, IN 46204

Non-Responsive PII
LTV Steel
3001 Dickey Road
East Chicago, IN 46312

Non-Responsive PII

Non-Responsive PII

Non-Responsive PII

Non-Responsive PII
Purdue University
Civil Engineering Bldg
West Lafayette, IN 47907

Corporate Engineering
Suite 202, 103 Main Street
Crown Point, IN 46307

Non-Responsive PII

David J. Butterfield
Mayor
City Hall 166 Lincolnway
Valparaiso, IN 46383

Non-Responsive PII
Mgr. Environmental Affairs
Midwest Steel, National
U.S. Highway 12
Portage, IN 46368

Non-Responsive PII

Non-Responsive PII
Executive Director
Grand Cal Task Force
2400 New York, Ave. Suite 605
Whiting, IN 46394

Non-Responsive PII
Small Business Adm.
429 N Pennsylvania St., Suite 100
Indianapolis, IN 46204

Non-Responsive PII
Indiana University Northwest
3400 Boradway
Gary, IN 46408

Chief Port Operations Dept.
U.S. Coast Guard
215 83rd Street
Hinsdale, IL 60521

Non-Responsive PII
Indiana Daily Student Newspaper
Ernie Pyle Hall Indiana University
Bloomington, IN 47405

Non-Responsive PII
Evansville Courier, Metro Desk
P.O. Box 268
Evansville, IN 47702-0268

Non-Responsive PII
Valley Watch, Inc.
1019 Bellemeade
Evansville, IN 47714

Dan Coasts
U.S. Senator
524 Hart Office Bldg.
Washington, DC 20510

Non-Responsive PII

Non-Responsive PII

Non-Responsive PII
South Side Landfill, Inc.
2561 Kentucky Ave.
Indianapolis, IN 46241

Non-Responsive PII

SMI Recycling & Disposal, Inc.
832 Langsdale Ave.
Indianapolis, IN 46202

Non-Responsive PII
LTV Steel
3001 Dickey Road
East Chicago, IN 46312

Mr. Patrick R. Ralston
Director, IDNR
Attn: Steve Jose
605 State Office Building
Indianapolis, IN 46204

Non-Responsive PII

WPTA-TV
P.O. Box 2121
Ft. Wayne, IN 46801

Non-Responsive PII
Waste Tech Services, Inc.
800 Jefferson County Parkway
Golden, OH 80401-6620

Non-Responsive PII

News Director
News
P.O. Box 311
Bloomfield, IN 47424

Fred Nation
Governor's Office
Rm 206, State House
Indianapolis, IN 46204

News Director
Eastside Newspapers
P.O. Box 18116
Indianapolis, IN 46218

News Director
Pulaski County Journal
P.O. Box 19
Winamac, IN 46996-0019

News Director
Tribune
P.O. Box 248
Mitchell, IN 47446

Non-Responsive PII

Non-Responsive PII

Non-Responsive PII
Stone City Products, Inc.
1206 7th Street P.O. Box 369
Bedford, IN 47421-0369

Non-Responsive PII

Non-Responsive PII

News Director
Herald News
P.O. Box 165
Cayuga, IN 47928

News Director
Attica Star-Tribune
P.O. Box 30
Attica, IN 47918

News Director
Herald
P.O. Box 180
Angola, IN 46703

News Director
Topics Paper
9615 North College Avenue
Indianapolis, IN 46280

News Director
News
P.O. Box 79
Tell City, IN 47586

Non-Responsive PII
Toxic Action Project
3951 N. Meridian, 3rd Floor
Indianapolis, IN 46208-4011

Non-Responsive PII
Office of Legal Affairs
1330 W. Michigan St.
Indianapolis, IN 46206-1964

Non-Responsive PII
Bethlehem Steel Corp
P.O. Box 248
Chesterton, IN 46383

TERC, Inc.
C Non-Responsive PII
Non-Responsive PII

News Director
Standard
P.O. Box 71
Boonville, IN 47601

News Director
Exponent
P.O. Box 231
Hagerstown, IN 47346-0231

News Director
Leader
382 Main Cross
Charlestown, IN 47111

News Director
Herald-Tribune
P.O. Box 89
Batesville, IN 47006

News Director
News & Journal
21 Spring Street
Jeffersonville, IN 47130

News Director
Hammond Times
417 Fayette Street
Hammond, IN 46320

News Director
Indianapolis News
307 North Pennsylvania Street
Indianapolis, IN 46206

News Director
Banner
P.O. Box 231
Kightstown, IN 46148

News Director
Times
P.O. Box 100
Noblesville, IN 46060

News Director
Kokomo Tribune
300 North Union Street
Kokomo, IN 46901-4612

News Director
Hartford City News-Times
123 South Jefferson Street
Hartford City, IN 47348

News Director
Indianapolis Star
307 North Pennsylvania Street
Indianapolis, IN 46206

News Director
Journal
7962 Pendleton Pike
Lawrence, IN 46226

News Director
Chronicle
13 North First Street
Scottsburg, IN 47170

News Director
Linton Citizen
P.O. Box 151, 79 South Main St.
Linton, IN 47441

News Director
Marion Chronicle-Tribune
610 South Adams Street
Marion, IN 46952

News Director
Monticello Herald-Journal
P.O. Box 409 South Main Street
Monticello, IN 47960

News Director
LaPorte Herald-Argus
701 State Street
LaPorte, IN 46350

News Director
Logansport Pharos-Tribune & Press
517 East Broadway
Logansport, IN 46947

News Director
Martinsville Reporter
60 South Jefferson Street
Martinsville, IN 46151

News Director
Mt. Vernon Democrat
430 Main Street
Mt. Vernon, IN 47620

Non-Responsive PII
Daily Calumet Newspaper
18127 William Street
Lansing, IL 60438

News Director
Lebanon Reporter
117 East Washington Street
Lebanon, IN 46052

News Director
Madison Courier
310 Courier Square
Madison, IN 47250

News Director
Michigan City News-Dispatch
121 West Michigan Blvd.
Michigan City, IN 46360

News Director
Muncie Star
P.O. Box 2408,125 South High Street
Muncie, IN 47307-9985

News Director
New Castle Courier-Times
P.O. Box 269,201 South 14 Street
New Castle, IN 47362

News Director
Plymouth Pilot-News
P.O. Box 220
Plymouth, IN 46563

News Director
Rensselaer Republican
P.O. Box 298,117 North Van Rensslr.
Rensselaer, IN 47978

The South Bend Tribune
Indiana Statehouse M-15
Indianapolis, IN 46204

News Director
Noblesville Ledger
957 Logan Street
Noblesville, IN 46060

News Director
Portland Commercial Review
P.O. Box 1049,309 West Main Street
Portland, IN 47371

News Director
Richmond Palladium-Item
P.O. Box 308,1175 North A Street
Richmond, IN 47374

News Director
Anderson Herald
1133 Jackson Street
Anderson, IN 46015

News Director
Peru Tribune
P.O. Box 87, 26 West 3 Street
Peru, IN 46970

News Director
Princeton Clarion
112 South Main Street
Princeton, IN 47670

News Director
Rochester Sentinel
118 East 8 Street
Rochester, IN 46975

News Director
Auburn Star
118 West 9 Street
Auburn, IN 46706

News Director
Bluffton News-Banner
125 North Johnson
Bluffton, IN 46714

News Director
Clinton Clintonian
P.O. Box 309, 422 South Main Street
Clinton, IN 47842

News Director
Columbus Republic
333 2 Street
Columbus, IN 47201

News Director
Bedford Times-Mail
813 16 Street
Bedford, IN 47421

News Director
Bloomington Herald-Telephone
P.O. Box 909,1900 South Walnut
Bloomington, IN 47401

News Director
Brazil Times
100 Times Square
Brazil, IN 47834

News Director
Columbia City Commercial Mail
P.O. Box 128,116 North Chauncey St.
Columbia City, IN 46725

News Director
Connersville News-Examiner
P.O. Box 287
Connersville, IN 47331

News Director
Bicknell Knox County News
310 North Main Street
Bicknell, IN 47512

News Director
Crawfordsville Journal-Review
119 North Green Street
Crawfordsville, IN 47933

News Director
Decatur Democrat
141 South 2 Street
Decatur, IN 46733

News Director
Greencastle Banner-Graphic
P.O. Box 509,100 North Jackson St.
Greencastle, IN 46135

News Director
Elkhart Truth
P.O. Box 487
Elkhart, IN 46514

News Director
Evansville Press
P.O. Box 268,201 NW 2 Street
Evansville, IN 47702

News Director
Fort Wayne News-Sentinel
600 West Main Street
Fort Wayne, IN 46802

News Director
Gary Post-Tribune
1065 Broadway
Gary, IN 46402

News Director
Greenfield Reporter
212 East Main Street
Greenfield, IN 46140

News Director
Elwood Call-Leader
317 South Anderson Street
Elwood, IN 46036

News Director
Frankfort Times
P.O. Box 9
Franfort, IN 46041-0009

Valparaiso Vidette-Messenger
P.O. Box 2350
Valparaiso, IN 46384-2350

News Director
Warsaw Times-Union
Times Building
Warsaw, IN 46580

News Director
Shelbyville News
123 East Washington Street
Shelbyville, IN 46176

News Director
Sullivan Times
P.O. Box 130
Sullivan, IN 47882-0130

News Director
Terre Haute Tribune-Star
721 Wabash Avenue
Terre Haute, IN 47808

News Director
Vincennes Sun-Commercial
P.O. Box 396
Vincennes, IN 47591

News Director
Washington Times - Herald
102 East Van Trees Street
Washington, IN 47501

News Director
Winchester News-Gazette
224 West Franklin
Winchester, IN 47394

News Director
Goshen News
114 South Main Street
Goshen, IN 46526

News Director
Greensburg News
135 South Franklin
Greensburg, IN 47240

News Director
Tipton Tribune
P.O. Box 248,110 West Madison
Tipton, IN 46072

News Director
Spencer World
P.O. Box 226
Spencer, IN 47460

News Director
Kendallville News-Sun
112 North Main St-P.O. Box 39
Kendallville, IN 46755-0039

Non-Responsive PII
Portage Journal Press
P.O. Box 370
Portage, IN 46368

s Director
Gary Crusader
1549 Broadway
Gary, IN 46407

House Media Division
401-3 State House
Indianapolis, IN 46204

Chesterton Tribune
P.O. Box 558
Chesterton, IN 46304

Charles M. Bell
Division of Water Quality
5002 Kilgore
Muncie, IN 47304

Non-Responsive PII

News Director
Rushville Republican
P.O. Box 189
Rushville, IN 46173

News Director
Wabash Plain Dealer
P.O. Box 377,123 West Canal Street
Wabash, IN 46992

Non-Responsive PII
The Indianapolis News
307 North Pennsylvania
Indianapolis, IN 46206

Non-Responsive PII
The Indianapolis Star
307 N. Pennsylvania
Indianapolis, IN 46206

News Director
The Register
15 N. Court St.
Crown Point, IN 46307

News Director
East Chicago Globe
2005 Broadway
East Chicago, IN 46312

News Editor
New Haven News
430 Broadway
New Haven, IN 46774

News Director
Evansville Courier
P.O. Box 268
201 NW 2 Street
Evansville, IN 47702

Non-Responsive PII Director
Texas Gas Transmission
3800 Frederica St.
Owensboro, KY 42301

Non-Responsive PII
Clean Water Committee
Ft Wayne Chapt., Izaak Walton League
Non-Responsive PII

News Director
South Bend Tribune
225 West Colfax Avenue
South Bend, IN 46626

News Director
Seymour Tribune
1215 East Tipton Street
Seymour, IN 47274

Ripley Publishing Company
Versailles Republican
Versailles, IN 47042

Associated Press
P.O. Box 1950
307 N. Pennsylvania
Indianapolis, IN 46207

News Director
The Lowell Tribune
P.O. Box 248
Lowell, IN 46356

Non-Responsive PII
The Herald Newspapers
3161 E. 84th Pl.
Merrillville, IN 46410

Indianapolis Business Journal
431 N. Pennsylvania
Indianapolis, IN 46204-1806

News Director
Fort Wayne Journal-Gazette
600 W. Main St.
Fort Wayne, IN 46802

Non-Responsive PII
Chemical Service Laboratory
3408 Indiustrial Parkway
Jeffersonville, IN 47130

Non-Responsive PII
Michiana Area Council of Government
1120 County-City Building
South Bend, IN 46601

Chairman Environmental Comm.
City of Bloomington
P.O. Box 100
Bloomington, IN 47402

Non-Responsive PII
[redacted]

Non-Responsive PII
Allen County Public Library
P.O. Box 2270, 900 Webster St.
Ft. Wayne, IN 46801

Non-Responsive PII
Director of Great Lakes
Natural Resource Center
802 Monroe
Ann Arbor, MI 48104

Non-Responsive PII
Gabriel & Associates
634 Winding Creek Path
Valparaiso, IN 46383

Non-Responsive PII
Save the Dunes Council
P.O. Box 114
Beverly Shores, IN 46301

Non-Responsive PII
Technical Standards Unit
Div. of Water Pollution, IEPA
2200 Churchill Rd.
Springfield, IL 62706

J.C. Gripp Assoc.
437 South Union St.
Westfield, IN 46074-0405

Non-Responsive PII
EMS Labs
7901 W. Morris St.
Indianapolis, IN 46231

Grand Calumet Task Force
4012 Elm St.
East Chicago, IN 46312

Non-Responsive PII
Lake County Fish and Game
1343-119th St.
Whiting, IN 46394

Non-Responsive PII
[redacted]

Non-Responsive PII
[redacted]

Non-Responsive PII
W.C.I.E. D.D.
121 S. Third St.
P.O. Box 359
Terre Haute, IN 47803

Non-Responsive PII
The Journal-Gazette
600 W. Main St., P.O. Box 88
Ft. Wayne, IN 46801

Non-Responsive PII
[redacted]

Non-Responsive PII
Fort Howard Paper
P.O. Box 19130
Green Bay, WI 54307-9130

Non-Responsive PII
Indianapolis Power & Light
P.O. Box 1595 B
Indianapolis, IN 46206

Non-Responsive PII
Biology Dept.
Tri-State University
P.O. Box 307
Angola, IN 46703

Non-Responsive PII
[redacted]

Hammond Park & Recreation Dept.
Hammond Civic Center
5825 Sohl Ave
Hammond, IN 46320

Non-Responsive PII
Custodis-Cottrell
Wastewater Group
P.O. Box 1500
Somerville, NJ 08876

Non-Responsive PII Director
Area Planning Commission
Courthouse - 1st Floor, Room 26
Warsaw, IN 46580

Non-Responsive PII
Pfizer, Inc.
P.O.Box 88
Terre Haute, IN 47808

Terre Haute Water Works
P.O. Box 3152
Terre Haute, IN 47803

Non-Responsive PII
Museum of Zoology
Ohio State University
1813 N. High
Columbus, OH 43210

Non-Responsive PII
[redacted]

Non-Responsive PII
United Brotherhood of Carpenters
101 Constitution Ave, N.W.
Washington, DC 20001

N.W.F.
Great Lakes Natural Resource Ctr.
802 Monroe
Ann Arbor, MI 48104

Non-Responsive PII
Holcomb Research Inst., Butler
Univ.
4600 Sunset Ave.
Indianapolis, IN 46208

Michigan Dept. of Natural Resources
P.O.Box 30028
Lansing, MI 48909

Non-Responsive PII

Non-Responsive PII

St. John Township Concerned Citizen
P.O. Box 227
St. John, IN 46373

Atlantic States Legal Fdn.
658 W. Onondaga
Syracuse, NY 13204-3356

Non-Responsive PII
Mid States Associates
230 South Blvd.
Baraboo, WI 53913

Non-Responsive PII
Indiana American Water Co. Inc.
P.O. Box 1116
Richmond, IN 47375

Non-Responsive PII

Non-Responsive PII

Calgon Carbon Corp.
P.O. Box 717
Pittsburgh, PA 15230-0717

Non-Responsive PII Pres.
Winona Lake Preservation Assoc.
8 Fairlane Drive
Warsaw, IN 46580

Non-Responsive PII

Non-Responsive PII

Non-Responsive PII

Non-Responsive PII

Non-Responsive PII

Non-Responsive PII

President
S.T.O.P., Inc.
P.O. Box 322
Culver, IN 46511

Non-Responsive PII

Non-Responsive PII

Northwest Indiana Coalition for
the Environment (N.I.C.E.)
7113 Howard
Hammond, IN 46324

Honorable Richard G. Lugar
U.S. Senate
306 Senate Hart Office Building
Washington, D.C. 20510

Honorable Dan Coats
U.S. Senate
404 Senate Russell Office Building
Washington, D.C. 20510

Honorable Peter J. Visclosky
U.S. House of Representatives
330 Cannon House Office Building
Washington, D.C. 20515

Honorable Timothy J. Roemer
U.S. House of Representatives
415 Cannon House Office Building
Washington, D.C. 20515

Honorable Steve Buyer
U.S. House of Representatives
Washington, D.C. 20515

Honorable Dan L. Burton
U.S. House of Representatives
120 Cannon House Office Building
Washington, D.C. 20515

Honorable John T. Myers
U.S. House of Representatives
2372 Rayburn House Office Building
Washington, D.C. 20515

Honorable Lee H. Hamilton
U.S. House of Representatives
2187 Rayburn House Office Building
Washington, D.C. 20515

Honorable Andrew Jacobs, Jr.
U.S. House of Representatives
2313 Rayburn House Office Building
Washington, D.C. 20515

Rep. Jack Lutz
5070 Stonespring Way
Anderson, Indiana 46012

ep. Rolland Webber
2 South Drive
Anderson, Indiana 46013

Mayor Mark Lawler
120 East 8th Street
Anderson, Indiana 46016

U.S. Rep. Dan Burton
2411 Rayburn House Office
Washington, DC 20515-1406

Sen. Bill McCarty
34 West 8th Street
Anderson, Indiana 46106

Madison CO Health Dept.
16 East 9th Street
Anderson, Indiana 46106-1582

Sen. Luke Kenley
102 Harbour Trees Line
Noblesville, Indiana 46060

Rep. Eric Turner
P.O. Box 700
Gas City, Indiana 46933

Non-Responsive PII

Hon. Robert J. Bercik
Mayor of Whiting
City Hall
1443 119th St.
Whiting, IN 46394

Hon. Duane W. Dedelow Jr.
Mayor of Hammond
City Hall
5925 Calumet Ave.
Hammond, IN 46320

East Chicago PTA
1100 W. Columbus Drive
East Chicago, IN 46312

Non-Responsive PII
United Steel Workers
Dist. 31/Rm 211
720 West Chicago Ave.
E. Chgo., IN 46312

Non-Responsive PII
Oil Chem. & Atomic Workers
Local 701
1547 121st St.
Whiting, IN 46394

Non-Responsive PII
East Chicago Schools
210 E. Columbus Drive
East Chicago, IN 46312

Non-Responsive PII
Interim Superintendent
East Chicago Schools
210 E. Columbus Drive
E. Chicago, IN 46312

Northwest Indiana Forum
Non-Responsive PII
6100 Southport Rd.
Portage, IN 46368

NIRPC
Non-Responsive PII

Non-Responsive PII
Lake Michigan Federation
59 E. Van Buren
Ste 2215
Chicago, IL 60605

Non-Responsive PII

Non-Responsive PII

Non-Responsive PII
Lake Co. Fish & Game Prot. Assoc.
P.O. BOX 1006
Hammond, IND 46235

Non-Responsive PII

Hon. Thomas V. Barnes
Mayor of Gary
City Hall
401 Broadway
Gary, IN 46402

Hon. Robert A. Pastrick
Mayor of East Chicago
City Hall
4527 Indianapolis Blvd.
East Chicago, IN 46312

Non-Responsive PII
ARCO Products Co.
4 Centerpoint Dr.
La Palma, CA 90623

Non-Responsive PII
Gary Air & Land Poll.
Ste 1012
Gary, IN 46402

Non-Responsive PII, Dir
Hammond Air Poll
5925 Calument Ave.
Hammond, IN 46320

Non-Responsive PII

Non-Responsive PII

Non-Responsive PII

Non-Responsive PII Env Affairs
Indiana Steel Industrial
Advisory Committee
3210 Watling St.
E. Chicago, IN 46312

Non-Responsive PII
The Hammond Group, Inc.
5231 Hohman Ave.
Hammond, IN 46325

De La Garza Career Center
410 E. Columbus Dr.
E. Chicago, IN 46312

Non-Responsive PII

Non-Responsive PII

Non-Responsive PII

Mary Morris-Leonard
E. Chicago City Clerk
2301 E. Columbus Dr.
E. Chicago, IN 46312

Non-Responsive PII

Non-Responsive PII

Non-Responsive PII Secretary
2301 E. Columbus Dr.
E. Chicago, IN 46312

mes Knight
ity Controller
4525 Indianapolis Blvd.
E. Chicago, IN 46312

Non-Responsive PII
U.S. Reduction Company
9200 Calumet Ave.
Munser, IN 46321

Non-Responsive PII
United Rail Service
1150 E. 145th St.
E. Chicago, IN 46312

Non-Responsive PII
Safety-Kleen Co.
601 Riley Rd.
E. Chicago, IN 46312

Non-Responsive PII
Joliet Refinery
Mobil Oil Corp.
P.O. Box 874
Joliet, IL 60434

Non-Responsive PII
Gen. Amer. Trans Corp
500 W. Monroe
Chicago, IL 60661

Non-Responsive PII

Non-Responsive PII
National Processing Corp.
P.O. BOX 29
E. Chicago, IN 46312

Non-Responsive PII
Central States Mktng Co.
P.O. BOX 9280
Highland, IN 46322

Non-Responsive PII
Shell Oil Company
1415 W. 22nd St.
Oak Brook, IL 60522

Non-Responsive PII
Phillips Pipe Line Co.
400 E. Columbus Dr.
E. Chicago, IN 46312

Non-Responsive PII
United Rail Service Inc.
1150 E. 145th St.
E. Chicago, IN 46312

Non-Responsive PII
merican Steel Foundries
761 Canal St.
E. Chicago, IN 46312

Non-Responsive PII
Praxair, Inc.
Linde Division
4400 Kennedy Ave.
E. Chicago, IN 46312

Non-Responsive PII
E. Chicago Fire Dept.
3903 Indianapolis Blvd.
E. Chicago, IN 46312

Non-Responsive PII
Centerpoint Properties
900 E. 103rd St.
Chicago, IL 60628

Non-Responsive PII
Mid-West Flame Hardening
500 W. 150th St.
E. Chicago, IN 46312

Non-Responsive PII Group VP
NIPSCO
5265 Homan Ave.
Hammond, IN 46320

Non-Responsive PII
Amoco Refinery Mgr.
1825 Indianapolis Blvd.
Whiting, IN 46394

Non-Responsive PII
AMOCO P&GA
2815 Indianapolis Blvd.
Whiting, IN 46394

Non-Responsive PII
Neighborhood Assistance Center
Chicago State University
95th at King Drive- 321/WSC
Chicago, IL 60628

Non-Responsive PII
E. I. Dupont de Nemours
5215 Kennedy Ave.
E. Chicago, IN 46312

Guy O'Neill
Indiana Department of Environmental
100 N. Senate Ave.
P.O. Box 6015
Indianapolis, IN 46206

Gainer Bank Building
504 N Broadway Street, Suite 418
Gary, IN 46402

Non-Responsive PII
Praxair Inc.
P.O. BOX 6188
Gary, IN 46406

Non-Responsive PII
St. Catherine Hospital
4321 Fir Street
C. Chicago, IN 46312

Non-Responsive PII Sr. VP
Safety-Kleen
1000 N. Randall Rd.
Elgin, IL 60123

Non-Responsive PII
MOBIL Oil
P.O. BOX 874
Joliet, IL 60434

Non-Responsive PII
Union Tank Car Company
300 W. 151st St.
E. Chicago, IN 46312

Non-Responsive PII
HANDEX
500 Campus Dr.
Morganville, NJ 07751

Non-Responsive PII
Inland Steel Co.
3210 Watling St.
E. Chicago, IN 46312

Stephen West
Indiana Department of Environmental
402 W. Washington St., Rm. W273
Indianapolis, INA 46204

Non-Responsive PII
Refractory Co. Division
5601 Kennedy Ave.
Hammond, IN 46320

Non-Responsive PII
United States Gypsum Co.
3501 Canal Street
E. Chicago, IN 46312

Non-Responsive PII
E.C. Emerg Response
2201 E. Columbus Dr.
E. Chicago, IN 46312

Non-Responsive PII
East Chicago Schools
210 E. Columbus Dr.
E. Chicago, IN 46312

Non-Responsive PII
Phillips Pipe Line Co.
3 B12 Adams Blvd.
Bartlewville, OK 74004

George Acala
East Chicago Police
2301 East Columbus Dr.
E. Chicago, IN 46312

Non-Responsive PII
400 Poydras St.
New Orleans, Louisiana 70130

Dr. Wayne C. Faatz
Indiana Department of Natural Resources

100 N. Senate Ave.
P.O. Box 6015
Indianapolis, IN 46206

Thomas E. Allenson
Dept. of the Army Detroit District, Corps of Engineers

Box 1027
Detroit, Michigan 48231-7027

(Shaded areas are for use of procurement office only)

Page of

US Environmental Protection Agency
Washington, DC 20460

EPA Procurement Request/Order

1. Name of Originator	Martha Y. Robinson
2. Date of Requisition	May 7, 1996
3. Mail Code	DR-7J
4. Telephone Number	(312) 886-6141
5. Date Item Required	FRIDAY, MAY 17, 1996
6. Signature of Originator	Martha Y. Robinson
7. Recommended Procurement Method	☒ Competitive ☐ Other than full and open competition ☐ Sole source small purchase
8. Deliver To (Project Manager)	Mirtha Capiro
9. Address	77 West Jackson Blvd., Chcgo, IL
10. Mail Code	DRE-8J
11. Telephone Number	(312) 886-7567
12. Financial Data a. Appropriation	686/70108
b. Servicing Finance Office Number	Region 5, Chicago, Illinois

NOTE: Item 12(d) Document Type — Contract = "C," Purchase Order = "P"

FMO Use (c) (13 digits)	DT (d)	Document Control Number (e) (6 digits)	Account Number (f) (10 digits)	Object Class (g) (4 digits)	Amount (h) Dollars	Cents
PR-IL-96-00401		~~KAE~~ KBE 060	96 97 [redacted]B 05K B4E	~~2563~~ 2568	(Increase $1.00 ~~60~~ 61 ~~No Charge~~)	~~00~~ 00

13. Suggested Source (Name, Address, ZIP Code, Phone/Contact)
WLTH (NBC)
P.O. Box 2300
Gary, IN 46409
Non-Responsive PII [redacted]

14. Amount of money committed is: ☒ Original ☐ Increase ☐ Decrease

15. For Small Purchases Only: Contracting Office is authorized to exceed the amount shown in Block 12(h) by 10% or $100, whichever is less. ☒ Yes ☐ No

16. Approvals

a. Branch/Office Jane Ratcliffe Jane E. Ratcliffe, Chief, IMS	Date 5-7-96	d. Property Management Officer/Designee	Date
b. Division/Office	Date	e. Other (Specify)	Date
c. Funds listed in Block 12 and Block 15 (if any) are available and reserved. (Signature of Certifying Official) Dale Meyer DALE MEYER	Date 5/8/96	f. Other (Specify)	Date

17. Date of Order	18. Order Number 65 2175 NNSA	19. Contract Number (if any)	20. Discount Terms
21. FOB Point	22. Delivery to FOB Point by On or before (Date)	23. Person Taking Order/Quote and Phone No.	

24. Contractor (Name, address, ZIP Code)
[redacted] Same as #13 [redacted]

25. Type of Order ☐ a. Purchase — Reference your quote (See block 23)
Please furnish the above on the terms specified on both sides of this order and on the attached sheets, if any, including delivery as indicated.
☐ b. Delivery provisions on the reverse are deleted. The delivery order is subject to the terms and conditions of the contract. (See Block 19)
c. ☐ Oral ☐ Written ☐ Confirming

26. Schedule

Item Number (a)	Supplies or Services (b)	Quantity Ordered (c)	Unit (d)	Estimated Unit Price (e)	Unit Price (f)	Amount (g)	Quantity Accepted (h)
1	1) 60 second spot ad., placed between the hours of 6:00 am and 10:00 am on FRIDAY, MAY 17, 1996.	1	60 sec	$60.00			
	JUSTIFICATION: RCRA regulations at 40 CFR 124.10 require a radio broadcast announcement for RCRA Permit and Enforcement actions.						
					Total $		

IMPREST FUND

5.17.96

27. United States of America By (Signature) Wanda Aponte

28. Typed Name and Title of Contracting Officer

EPA Form 1900-8 (Rev. 9-86) Previous editions are obsolete.

COPY 1—PROCUREMENT FILE/CONTRACTING OFFICER

United States
Environmental Protection Agency
Washington, DC 20460

Page of Pages 1 2

PROCUREMENT REQUEST/ORDER

1. Name of Originator: MARTHA Y. ROBINSON		2. Date of Requisition: 05/07/96
3. Mail Code: 9057	4. Telephone Number:	5. Date item Required: 05/17/96
6. Signature of Originator	7. Recommended Procurement Method: ☐ Competitive ☐ Other than full and open competition ☐ Sole source small purchase	
8. Deliver to (Project Officer)	9. Address: US EPA Mail Drop 9057, 77 WEST JACKSON BLVD, CHICAGO	10. Mail Code / 11. Telephone Number
12. Suggested Source (Name, Address, Zip code, Phone/Contact): WLTH (NBC), P.O. BOX 2300, GARY, IN 46409, (219)886-9409	13. Amount of money committed is: ☐ Increase ☐ Decrease ☐ Original ☐ Cancellation	14. For Small Purchases only: Contracting Office is authorized to exceed the amount shown in Block 26 by 10% or $100, whichever is less. ☐ Yes ☒ No

15. Approvals

a. Branch/Office	Date	d. Property Management Officer/Designee	Date
b. Division/Office	Date	e. Other *(Specify)*	Date
c. Funds listed in Block 26 and Block 14 (if any) are available and reserved		(Signature & Phone number of Certifying Official) / Phone	Date

16. Date of Order	17. Order Number	18. Contract Number (if any)	19. Discount Terms
20. FOB Point	21. Delivery to FOB Point by ON or before (Date)	22. Person taking Order/Quote and Phone Num	

23. Contractor *(Name, Address, ZIP code)*

IMPREST FUND

24. Type of order
☐ a. Purchase
Reference your quote *(See Block 22)*

Please furnish the above on the terms specified on both sides of this order and on the attached sheets, if any, including delivery as indicated.

☐ b. Delivery provisions on the reverse are deleted. The delivery order is subject to the terms and conditions of the contract. *(See Block 19)*

☐ Oral ☐ Written ☐ Confirming

25. Schedule

Item Number (a)	Supplies or Services (b)	Quantity Ordered (c)	Unit (d)	Estimated Unit Price (e)	Unit Price (f)	Amount (g)	Quantity Accepted (h)
1	RADIO BROARDCAST FOR PUBLIC SERVICE 60 SECOND SLOT, BROADCAST ON DATE: MAY 17, 1996 TIME BETWEEN: 6:00 A.M. - 10:00 A.M. SEE ATTACHED FOR ANNOUNCEMENT	1	EA	$ 61.00			
					Total $		

26. Financial and Accounting Data

Line	DCN (Max 6)	Budget/FYs (Max 4)	Appropriation Code (Max 6)	Budget/Org Code (Max 7)	Program Element (Max 9)	Object Class (Max 4)	SFO
1	KBE060	96	B	05K	B4E	2568	05
2							(Max 2)
3							

Line	Amount	Site/Project (Max 8)	Cost Org/Code (Max 7)
1	$ 61.00		
2			
3			

27. United States of America By *(Signature)* Wanda Porto

28. Type Name and Phone of Contracting officer

Phone

EPA Form 1900-8 (OFF 3.2)

CO/PROPMAN/FINANCE/DCR/ORIG

PR-I-96-00396

RUSH

PUBLIC VOUCHER FOR ADVERTISING

DEPARTMENT OR ESTABLISHMENT, BUREAU OR OFFICE U.S. Environmental Protection Agency, Region 5, WPTD, PMD, IMS	For Agency Use Only VOUCHER NUMBER
LACE VOUCHER PREPARED 77 West Jackson Boulevard, Chicago, Illinois 60604 — DATE PREPARED May 7, 1996	SCHEDULE NUMBER
NAME OF PUBLICATION Gary Post-Tribune Newspaper	PAID BY
NAME OF PUBLISHER OR REPRESENTATIVE Non-Responsive PII [redacted]	
ADDRESS (Street, room number, city, State and Zip code) 1065 Broadway Gary, Indiana 46402 Tel. same as above Fax No. same as above	

CHARGES

TYPEFACE	(Size of Type)	(Inch, Square, Word, or Folio) POINT PER	
	Number or Lines (Indicate counted or spaced)	Cost Per Line	TOTAL COST
FIRST INSERTION		$	$
ADDITIONAL INSERTIONS GIVE NUMBER ▸			$
TOTAL			$

	NUMBER OF UNITS (Indicate inch, square, word, folio)	COST PER UNIT	TOTAL COST
FIRST INSERTION		$	$
ADDITIONAL INSERTIONS GIVE NUMBER ▸			
TOTAL			$

Attach one copy of advertisement (including upper and lower rules) to each copy of voucher here. If copy is not available sign the following affidavit.

TOTAL LINE RATES AND OTHER RATES	
LESS DISCOUNT AT %	
BALANCE DUE	$
VERIFIED (Initials)	

AFFIDAVIT

THIS REPRESENTS A TRUE BILLING FOR THE ATTACHED ADVERTISING ORDER, WITH SPECIFICATIONS AND COPY, WHICH HAS BEEN COMPLETED.

SIGNATURE OF PUBLISHER OR REPRESENTATIVE

TITLE DATE

FOR AGENCY USE ONLY

ADVERTISEMENT PUBLISHED IN	Date Published
I certify that the advertisement described above appeared in the named publication and that this account is correct and eligible for payment.	
SIGNATURE AND TITLE OF CERTIFYING OFFICER:	DATE
SIGNATURE AND TITLE OF AUTHORIZING OFFICER:	DATE
ACCOUNTING CLASSIFICATION Estimate: $ 212.00 LEAD TIME - TWO WEEKS Appr.# 686/70108 BOC # 32 DCN# ~~KAE~~ KBE 059 ACC.# ~~96B05KB4E~~ OC# ~~2505~~ 2568 Please call Martha Y. Robinson at 686-6141, if you have any questions.	PAID BY CHECK NUMBER

*If the ability to certify and authority to approve are combined in one person enter "N/A" (Not applicable) here.

*U.S. GPO: 1974-555-598

9697 B 05K 84E

September 1973

4 Treasury FRM 2000 Standard form No. 1143

ADVERTISING ORDER

ORDER NUMBER

DEPARTMENT OR ESTABLISHMENT, BUREAU OR OFFICE
U.S. Environmental Protection Agency, Region 5, WPTD, PMB, IMS

DATE
May 7, 1996

The publisher of the publication named below is authorized to publish the enclosed advertisement according to the schedule below provided the rates are not in excess of the commercial rates charged to private individuals with the usual discounts. It is to be set solid, without paragraphing, and without any display in heading unless otherwise expressly authorized in the specifications.

NAME OF THE PUBLICATION ADVERTISED IN
Gary Post-Tribune Newspaper

SUBJECT OF ADVERTISEMENT **Public Notice**	EDITION OF PAPER ADVERTISEMENT APPEARED **GARY POST-TRIBUNE Newspaper**
NUMBER OF TIMES ADVERTISEMENT APPEARED **One Time Only**	DATE(s) ADVERTISEMENT APPEARED **FRIDAY, MAY 17, 1996**

SPECIFICATION FOR ADVERTISEMENT

Place as Legal Notice - AFFIDAVIT REQUIRED

COPY FOR ADVERTISEMENT

See attached Public Notice

AUTHORITY TO ADVERTISE	INSTRUMENT OF ASSIGNMENT
NUMBER 651049NNSA	NUMBER
DATE 5-15-96	DATE
SIGNATURE OF AUTHORIZING OFFICIAL Wanda Aponte	TITLE WANDA APONTE CONTRACTING OFFICER

INSTRUCTIONS TO PUBLISHERS

Extreme care should be exercised to insure that the specifications for advertising to be set other than solid be definite, clear, and specific since no allowance will be made for paragraphing or for display or leaded or prominent headings, unless specifically ordered, or for additional space required by the use of type other than the advertisement copy submitted to the publisher will be attached to the voucher. The following is a sample of solid line advertisement set up in accordance with the usual Government requirements.

DEPARTMENT OF HIGHWAYS & TRAFFIC, D.C.
Bids are requested for first spring 1966 cement concrete repair contract,including incidental work, Washington, D.C., Invitation No. C-5576-H, consisting of 11,000 sq. yds. PCC Class BB sidewalk repair and 2,00 cu. yds. PCC Class A pavement, alley, & driveway repair, both cut repairs only. Bidding material available from the Procurement Officer, D.C. sealed bids to be opened in the Procurement Office at 3:00 p.m., November 15, 1965.

Your bill for this advertising order should be submitted o the "Public Voucher for Advertising" form, which is printed on the reverse of this form, immediately after the last publication of the advertisement. If copies of the printed advertisement are not available, complete the affidavit provided on the voucher. Submit the voucher and copy of the printed advertisement to ▶

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION 5
FINANCE AND ACCOUNTING SECTION (MF-10J)
77 WEST JACKSON BOULEVARD
CHICAGO, ILLINOIS 60604

IMPORTANT

Changes for advertising when a cut, matrix, stereotype or electrotype is furnished will be based on actual space used and no allowance will be made for shrinkage.

In no case shall the advertisement extend beyond the date and edition stated in this order.

1143-107

PUBLIC NOTICE

U.S.S. Lead Refinery, Incorporated
EPA I.D. # IND 047 030 226

The United States Environmental Protection Agency (U.S. EPA) is accepting comments on the proposed partial remedy for cleanup of contamination at U.S.S. Lead Refinery, Incorporated (USS Lead) and also will be holding a public hearing on such proposed partial remedy. USS Lead is located at 5300 Kennedy Avenue, East Chicago, Indiana. This new public comment period and public hearing are being offered by U.S. EPA in response to requests made by commenters during a previous comment period that ended April 24, 1996. **The new public comment period on the proposed partial remedy begins on May 20, 1996, and ends on June 25, 1996. The public hearing will be held on June 20, 1996, at the Riley Park Community Center, 1005 E. Chicago Avenue, East Chicago, from 6:30 p.m. to 8:30 p.m.**

Written comments received during both the previous and the new comment periods, as well as oral comments received at the public hearing, will be accepted. Written comments on the proposed partial remedy must be postmarked by June 25, 1996, and must be sent to:

U.S. Environmental Protection Agency
Region 5
Att: Mirtha Capiro (DRE-8J)
77 West Jackson Boulevard
Chicago, Illinois 60604

U.S. EPA evaluated three remedial alternatives for the cleanup and identified the proposed partial remedy.

U.S. EPA's recommended alternative is Alternative 1: "Removal, Consolidation, and On-Site Disposal".

A description of the remedial alternatives and the proposed partial remedy is contained in the Statement of Basis. Additional details on the proposed partial remedy is contained in the Interim Stabilization Measures Workplan and other documents found the Administrative Record file for this facility. The Statement of Basis and the Administrative Record are available for public inspection and copying at the following locations:

East Chicago Public Library
2401 East Columbus Drive
East Chicago, Indiana 46312
(219) 397-2453
Contact: Reference Department

Gary Public Library
220 W. 5th Avenue
Gary, Indiana 46402
(219) 886-2484
Contact: Reference Department

Whiting Public Library
1735 Oliver Street
Whiting, IN 46394
(219) 659-0269
Contact: Reference Department

and

U.S. EPA, Region 5
Waste, Pesticides, and Toxics Division Record Center
77 West Jackson Boulevard, 7th Floor
Chicago, Illinois 60604
(312) 353-5821
Hours: Mon-Fri, 8:30 a.m. - 5:00 p.m.

Subsequent to the close of the public comment period and after conducting the public hearing, U.S. EPA will evaluate all comments received, and will then select the partial remedy. U.S. EPA will document the selection of the partial remedy in the Response to Comments (RTC). The RTC also will contain a summary of all comments received and will specify if any changes were made. Each person who submitted comments will receive a copy of the RTC.

United States
Environmental Protection Agency
Washington, DC 20460

Page of Pages 1 | 2

PROCUREMENT REQUEST/ORDER

1. Name of Originator: MARTHA Y. ROBINSON		2. Date of Requisition: 05/07/96
3. Mail Code: 9057	4. Telephone Number	5. Date Item Required
6. Signature of Originator	7. Recommended Procurement Method: ☐ Competitive ☐ Other than full and open competition ☐ Sole source small purchase	
8. Deliver to (Project Officer)	9. Address: US EPA Mail Drop 9057, 77 WEST JACKSON BLVD, CHICAGO	10. Mail Code / 11. Telephone Number
12. Suggested Source (Name, Address, Zip code, Phone/Contact): GARY-POST TRIBUNE NEWSPAPER, 1065 BROADWAY, GARY, IN 46402, (219)881-3000	13. Amount of money committed is: ☐ Increase ☐ Decrease ☐ Original ☐ Cancellation	14. For Small Purchases only: Contracting Office is authorized to exceed the amount shown in Block 26 by 10% or $100, whichever is less. ☐ Yes ☒ No

15. Approvals

a. Branch/Office	Date	d. Property Management Officer/Designee	Date
b. Division/Office	Date	e. Other *(Specify)*	Date
c. Funds listed in Block 26 and Block 14 (if any) are available and reserved		(Signature & Phone number of Certifying Official) / Phone	Date

16. Date of Order	17. Order Number	18. Contract Number (if any)	19. Discount Terms
20. FOB Point	21. Delivery to FOB Point by ON or before (Date)	22. Person taking Order/Quote and Phone Num	

23. Contractor *(Name, Address, ZIP code)*

24. Type of order
☐ a. Purchase

Reference your quote *(See Block 22)*

Please furnish the above on the terms specified on both sides of this order and on the attached sheets, if any, including delivery as indicated.

☐ b. Delivery provisions on the reverse are deleted. The delivery order is subject to the terms and conditions of the contract. *(See Block 19)*

☐ Oral ☐ Written ☐ Confirming

25. Schedule

Item Number (a)	Supplies or Services (b)	Quantity Ordered (c)	Unit (d)	Estimated Unit Price (e)	Unit Price (f)	Amount (g)	Quantity Accepted (h)
1	PUBLIC VOUCHER DATE: MAY 17, 1996	1	DA	$ 212.00			
					Total $		

26. Financial and Accounting Data

Line	DCN (Max 6)	Budget/FYs (Max 4)	Appropriation Code (Max 6)	Budget/Org Code (Max 7)	Program Element (Max 9)	Object Class (Max 4)	SFO
1	KBE059	96	B	05K	B4E	2568	05
2							(Max 2)
3							

Line	Amount	Site/Project (Max 8)	Cost Org/Code (Max 7)
1	$ 212.00		
2			
3			

27. United States of America By *(Signature)*

28. Type Name and Phone of Contracting officer

Phone

NDIANA DEPARTMENT OF NATURAL RESOURCES

PATRICK R. RALSTON, DIRECTOR

Division of Historic Preservation
and Archaeology
402 W. Washington St., Rm. 274
Indianapolis, Indiana 46204
317-232-1646

May 16, 1996

Willie H. Harris, Chief
Program Management Branch
Waste, Pesticides, and Toxics Division
U.S. Environmental Protection Agency, Region 5
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

Dear Mr. Harris:

We have reviewed the proposed partial remedy for hazardous waste contamination at USS Lead Refinery at 5300 Kennedy Avenue in East Chicago, Lake County, Indiana.

No known historical, architectural, or archaeological sites listed in or eligible for inclusion in the National Register of Historic Places will be affected by this project.

If any archaeological artifacts or human remains are uncovered during construction, federal law and regulations (16 USC 470, et seq.; 36 CFR 800.11, et al.) and, additionally, state law (Indiana Code 14-21-1), require that work must stop and that the discovery must be reported to the Division of Historic Preservation and Archaeology within two (2) business days.

We appreciate the opportunity to be of service.

Very truly yours,

Daniel L. Fogerty

Patrick R. Ralston
State Historic Preservation Officer

PRR:SBH:MMD:smg

"EQUAL OPPORTUNITY EMPLOYER"

PRINTED ON RECYCLED PAPER

WLTH-AM 1370

3669 Broadway
Gary, Indiana 46409
219-884 -1370
219-980 -0483- Fax

DATE: May 16, 1996

FAX TO: Ms. Martha Robinso n

COMPANY: U.S. EPA

FAX NUMBER: 312-353-6519

NUMBER OF PAGES: 2

COMMENTS: _____

_____

****
****

FROM: Non-Responsive PII [redacted]

*** ORDER CONFIRMATION *** STATION:WLTH

ADDRESS: WLTH Radio Inc.
3669 BROADWAY
GARY, IN 46409

PAGE: 1
DATE:05/16/96
ACCT:EPA100
ORDER: 272

CLIENT: U S. EPA
CONTACT: Wanda Aponte TELEPHONE: 312 353 9096
CO-OP: P.O. # 652175NNSA ACCOUNT REP: NETWORK
LOG AS: U S. EPA

BILL TO: U S. EPA
Purchasing Section
77 West Jackson Blvd.
Chicago, IL 60604

#	START	END	LEN	AL	SCHEDULE	M	T	W	T	F	S	S	WK	RATE
1	05/17/96	05/17/96	60	N	0600 -1000	0	0	0	0	1	0	0	1	60.00

#	UNIT RATE	APRIL ANNS	1996 BILLING	MAY ANNS	1996 BILLING	TOTAL ANNS	TOTAL BILLING
1	60.00	0	0.00	1	60.00	1	60.00
		0	0.00	1	60.00	1	60.00

APR 96: MAY 96: 60.00 JUN 96: JUL 96:
AUG 96: SEP 96: OCT 96: NOV 96:
DEC 96: JAN 97: FEB 97: MAR 97:

Accepted By:
WLTH Radio Inc.

Accepted For:
U S. EPA

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES 1 | 2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER	2. CONTRACT NO. *(If any)*	3. ORDER NO.	4. REQUISTION/REFERENCE NO.
05/10/96	N/A	652175NNSA	KBE060

5. CONTRACTING OFFICE: *(Address correspondence to)*
U.S. EPA Mail Drop 9054
Purchasing Section
77 WEST JACKSON BLVD
CHICAGO IL 60604

6. SHIP TO: *(Consignee and address, ZIP Code)*
U.S. EPA
State Program Section
77 WEST JACKSON BLVD
CHICAGO , IL 60604

SHIP VIA:

7. TO: CONTRACTOR *(Name, address and ZIP Code)*
WLTH (NBC)
ATTN: Non-Responsive PII
P.O. BOX 2300
GARY , IN 46409
Phone Number: (219)886-9409

8. TYPE OF ORDER

[X] **A. PURCHASE** - Reference your

Please Furnish the following on the terms and conditions specified on both sides of this order and on the attached sheets, if any, including delivery as indicated. This purchase is negotiated under authority of:

[ ] **B. DELIVERY** - Except for billing instructions on the reverse, this delivery order is subject to instructions contained in this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.

9. ACCOUNTING AND APPROPRIATION DATA
KBE060 96 B 05K B4E 2568
$60.00

10. REQUISITIONING OFFICE
State Program Section

Buyer:
WANDA I. APONTE
(312)886-9326

11. BUSINESS CLASSIFICATION *(Check appropriate box(es))*
[X] SMALL [ ] OTHER THAN SMALL [ ] DISADVANTAGE [ ] WOMEN-OWNED

12. F.O.B. POINT
N/A

13. PLACE OF INSPECTION AND ACCEPTANCE
N/A

14. GOVERNMENT B/L NO.

15. DELIVER TO F.O.B. POINT ON OR BEFORE *(Date)*
N/A

16. DISCOUNT TERMS
NET30

17. SCHEDULE *(See reverse for Rejections)*

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
1	RADIO BROADCAST FOR PUBLIC SERVICE 60 SECOND SLOT, BROADCAST ON DATE: MAY 17, 1996 TIME BETWEEN: 6:00 A.M. - 10:00 A.M. SEE ATTACHED FOR ANNOUNCEMENT	1	EA	$ 60.00	$ 60.00	

SEE BILLING INSTRUCTIONS ON REVERSE

18. SHIPPING POINT

19. GROSS SHIPPING WEIGHT

20. INVOICE NO.

$ .00 **17(h). TOT.** *(Cont.Pages)*

21. MAIL INVOICE TO: *(Include ZIP Code)* U.S. EPA Mail Drop 9054
Immediate Office Finance & Accounting Sectio 77 WEST JACKSON BLVD
CHICAGO , IL 60604

$ 60.00 **17(i). GRAND TOTAL**

22. UNITED STATES OF AMERICA
BY *(Signature)* Wanda I. Aponte

23. NAME *(Typed)* WANDA I. APONTE
TITLE: CONTRACTING/ORDERING OFFICER

PURCHASE ORDER TERMS AND CONDITIONS

52..252-2. CLAUSES INCORPORATED BY REFERENCE (Apr 84).- This contract incorporates the following clauses by reference with the same force and effect as if they were given in full text. Upon request the Contracting Officer will make their full text available.

FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1) CLAUSES

52.203-1	Officials Not to Benefit (Apr 84)
52.203-3	Gratuities (Apr 84)
52.203-4	Covenant Against Contingent Fees (Apr 84)
52.212-9	Variation in Quantity (Apr 84) (In the preceding clause, the permission variations are stated in the schedule)
52.222-3	Convict Labor (Apr 84)
52.222-4	Contract Work Hours and Safety Standards Act-Overtime Compensation-General (Apr 84)
52.222-26	Equal Opportunity (Apr 84)
52.222-36	Affirmative Action for Handicapped Workers (Apr 84)
52.222-40	Service Contract Act of 1965-Contracts of $2500 or Less (Apr 84)
52.222-41	Service Contract Act of 1965 (Apr 84)
52.225-3	Buy American Act-Supplies (Apr 84)
52.232-1	Payments (Apr 84)
52.232-8	Discounts for Prompt Payment (Apr 84) (With Alternate 1)
52.233-1	Disputes (Apr 84)
52.243-1	Changes - Fixed Price (Apr 84)
52-249-1	Termination for Convenience of the Government (Fixed Price) (Short Form) (Apr 84)

NOTE.-If desired, this order (or a copy thereof) may be used by the Contractor as the Contractor's invoice, instead of a separate invoice, provided the following statement, (signed and dated) is on (or attached to) the order: "Payment is requested in the amount of $ _____ . No other invoice will be submitted." However, if the Contractor wishes to submit an invoice, the following information must be provided: contract number (if any), order number, item number(s), description of supplies or services, sizes. quantities, unit prices, and extended totals. Prepaid shipping costs will be indicated as a separate item on the invoice. Where shipping costs exceed $100 (except for parcel post), the billing must be supported by a bill of lading or receipt. When several orders are invoiced to an ordering activity during the same billing period, consolidated periodic billings are encouraged.

RECEIVING REPORT

Quantity in the "Quantity Accepted" column on the face of this order has been: ☐ inspected ☐ accepted, ☐ received by me an conforms to contract. Items listed below have been rejected for the reasons indicat

SHIPMENT NUMBER	PARTIAL / FINAL		DATE RECEIVED	SIGNATURE OF AUTHORIZED U.S. GOV'T. REP.	DATE
TOTAL CONTAINERS		GROSS WEIGHT	RECEIVED AT	TITLE	

REPORT OF REJECTIONS

ITEM NO	SUPPLIES OR SERVICE	UNIT	QUANTITY REJECTED	REASON FOR REJECTION

RADIO BROADCAST

U.S.S. Lead Refinery, Incorporated

East Chicago, Indiana

The United States Environmental Protection Agency (U.S. EPA) is accepting comments on the proposed remedy for cleanup of contamination at U.S.S. Lead Refinery, Incorporated (USS Lead), 5300 Kennedy Avenue, East Chicago, Lake County, Indiana.

U.S. EPA evaluated three remedial alternatives for the cleanup and identified the proposed remedy.

A copy of the Statement of Basis describing the remedial alternatives and the proposed remedy and supplemental documents for the U.S. EPA administrative record, are available for public inspection and copying at the East Chicago Public Library in East Chicago, Indiana; Gary Public Library in Gary Indiana; Whiting Public Library in Whiting, Indiana and at the offices of the U.S. EPA, Region 5, in Chicago, Illinois.

The comment period on the Statement of Basis (SB) begins on May 20, 1996 and ends on June 25, 1996. Written comments regarding the SB must be postmarked by June 25, 1996, and must be sent to:

U.S. EPA, Region 5
Waste, Pesticides, and Toxics Division (DRE-8J)
77 West Jackson Boulevard
Chicago, Illinois 60604

A public hearing for this proposed remedy has been scheduled for June 20, 1996, at the Riley Park Community Center, 1005 East Chicago Ave., East Chicago, from 6:30 pm to 8:30 pm. For more information contact Ms. Mirtha Capiro at (312) 886-7567.

United States
Environmental Protection Agency
Washington, DC 20460

Page of Pages 1 | 2

PROCUREMENT REQUEST/ORDER

1. Name of Originator: MARTHA Y. ROBINSON		2. Date of Requisition: 05/07/96
3. Mail Code: 9057	4. Telephone Number: () -	5. Date Item Required: 05/17/96
6. Signature of Originator	7. Recommended Procurement Method: ☐ Competitive ☐ Other than full and open competition ☐ Sole source small purchase	

8. Deliver to (Project Officer)

9. Address
US EPA Mail Drop 9057
77 WEST JACKSON BLVD
CHICAGO

10. Mail Code

11. Telephone Number

12. Suggested Source (Name, Address, Zip code, Phone/Contact)
WLTH (NBC)
P.O. BOX 2300
GARY , IN 46409
(219)886-9409

13. Amount of money committed is: ☐ Increase ☐ Decrease ☐ Original ☐ Cancellation

14. For Small Purchases only: Contracting Office is authorized to exceed the amount shown in Block 26 by 10% or $100, whichever is less. ☐ Yes ☒ No

15. Approvals

a. Branch/Office	Date	d. Property Management Officer/Designee	Date
b. Division/Office	Date	e. Other *(Specify)*	Date
c. Funds listed in Block 26 and Block 14 (if any) are available and reserved		(Signature & Phone number of Certifying Official) Phone	Date

16. Date of Order	17. Order Number	18. Contract Number (if any)	19. Discount Terms

20. FOB Point	21. Delivery to FOB Point by ON or before (Date)	22. Person taking Order/Quote and Phone Num

23. Contractor *(Name, Address, ZIP code)*

24. Type of order
☐ a. Purchase

Reference your quote *(See Block 22)*

Please furnish the above on the terms specified on both sides of this order and on the attached sheets, if any, including delivery as indicated.

☐ b. Delivery provisions on the reverse are deleted. The delivery order is subject to the terms and conditions of the contract. *(See Block 19)*

☐ Oral ☐ Written ☐ Confirming

25. Schedule

Item Number (a)	Supplies or Services (b)	Quantity Ordered (c)	Unit (d)	Estimated Unit Price (e)	Unit Price (f)	Amount (g)	Quantity Accepted (h)
1	RADIO BROADCAST FOR PUBLIC SERVICE 60 SECOND SLOT, BROADCAST ON DATE: MAY 17, 1996 TIME BETWEEN: 6:00 A.M. - 10:00 A.M. SEE ATTACHED FOR ANNOUNCEMENT	1	EA	$ 60.00			
					Total $		

26. Financial and Accounting Data

Line	DCN (Max 6)	Budget/FYs (Max 4)	Appropriation Code (Max 6)	Budget/Org Code (Max 7)	Program Element (Max 9)	Object Class (Max 4)	SFO
1	KBE060	96	B	05K	B4E	2568	05
2							
3							

(Max 2)

Line	Amount	Site/Project (Max 8)	Cost Org/Code (Max 7)
1	$ 60.00		
2			
3			

27. United States of America By *(Signature)*

28. Type Name and Phone of Contracting officer

Phone

(Shaded areas are for use of procurement office only)

Page of

US Environmental Protection Agency
Washington, DC 20460

EPA

Procurement Request/Order

1. Name of Originator	Martha Y. Robinson
2. Date of Requisition	May 7, 1996
3. Mail Code	DR-7J
4. Telephone Number	(312) 886-6141
5. Date Item Required	FRIDAY, MAY 17, 1996
6. Signature of Originator	
7. Recommended Procurement Method	☒ Competitive ☐ Other than full and open competition ☐ Sole source small purchase
8. Deliver To (Project Manager)	Mirtha Capiro
9. Address	77 West Jackson Blvd., Chcgo, IL
10. Mail Code	DRE-8J
11. Telephone Number	(312) 886-7567
12. Financial Data a. Appropriation	686/70108
b. Servicing Finance Office Number	Region 5, Chicago, Illinois

NOTE: Item 12(d) Document Type — Contract = "C," Purchase Order = "P"

FMO Use (c) (13 digits)	DT (d)	Document Control Number (e) (6 digits)	Account Number (f) (10 digits)	Object Class (g) (4 digits)	Amount (h) Dollars	Cents
[illegible]		~~KAE~~ 060	96B 05K B4E	~~2683~~	~~60~~ No charge	~~00~~

13. Suggested Source (Name, Address, ZIP Code, Phone/Contact)
WLTH (NBC)
P.O. Box 2300
Gary, IN 46409
Non-Responsive PII [redacted]

14. Amount of money committed is:
☒ Original
☐ Increase
☐ Decrease

15. For Small Purchases Only: Contracting Office is authorized to exceed the amount shown in Block 12(h) by 10% or $100, whichever is less.
☒ Yes ☐ No

16. Approvals

a. Branch/Office: Jane E. Ratcliffe, Chief, IMS	Date	d. Property Management Officer/Designee	Date
b. Division/Office	Date	e. Other (Specify)	Date
c. Funds listed in Block 12 and Block 15 (if any) are available and reserved. (Signature of Certifying Official)	Date	f. Other (Specify)	Date

17. Date of Order	18. Order Number: 65217SNNSA	19. Contract Number (if any)	20. Discount Terms
21. FOB Point	22. Delivery to FOB Point by On or before (Date)	23. Person Taking Order/Quote and Phone No.	

24. Contractor (Name, address, ZIP Code)
[illegible] Same as [illegible]

25. Type of Order
☐ a. Purchase
Reference your quote (See block 23)

Please furnish the above on the terms specified on both sides of this order and on the attached sheets, if any, including delivery as indicated.

☐ b. Delivery provisions on the reverse are deleted. The delivery order is subject to the terms and conditions of the contract. (See Block 19)

c. ☐ Oral ☐ Written ☐ Confirming

26. Schedule

Item Number (a)	Supplies or Services (b)	Quantity Ordered (c)	Unit (d)	Estimated Unit Price (e)	Unit Price (f)	Amount (g)	Quantity Accepted (h)
1	1) 60 second spot ad., placed between the hours of 6:00 am and 10:00 am on FRIDAY, MAY 17, 1996. JUSTIFICATION: RCRA regulations at 40 CFR 124.10 require a radio broadcast announcement for RCRA Permit and Enforcement actions.	1	60 sec	$60.00			
					Total $		

27. United States of America
By (Signature)

28. Typed Name and Title of Contracting Officer

EPA Form 1900-8 (Rev. 9-86) Previous editions are obsolete.

COPY 6—PROPERTY MANAGEMENT OFFICE

(Shaded areas are for use of procurement office only)

Page of

US Environmental Protection Agency
Washington, DC 20460

EPA Procurement Request/Order

1. Name of Originator: Martha Y. Robinson		2. Date of Requisition: May 7, 1996
3. Mail Code: DR-7J	4. Telephone Number: (312) 886-6141	5. Date Item Required: FRIDAY, MAY 17, 1996

6. Signature of Originator: Martha Y. Robinson

7. Recommended Procurement Method: [X] Competitive [ ] Other than full and open competition [ ] Sole source small purchase

8. Deliver To (Project Manager)	9. Address	10. Mail Code	11. Telephone Number
Mirtha Capiro	77 West Jackson Blvd., Chcgo, IL	DRE-8J	(312) 886-7567

12. Financial Data	a. Appropriation	b. Servicing Finance Office Number	NOTE: Item 12(d) Document Type — Contract = "C," Purchase Order = "P"
	686/70108	Region 5, Chicago, Illinois	

FMO Use (c) (13 digits)	DT (d)	Document Control Number (e) (6 digits)	Account Number (f) (10 digits)	Object Class (g) (4 digits)	Amount (h) Dollars	Cents
		KAE	96B 05K B4E	2583	60	00

13. Suggested Source (Name, Address, ZIP Code, Phone/Contact)
WLTH (NBC)
P.O. Box 2300
Gary, IN 46409
Non-Responsive PII [redacted]

14. Amount of money committed is: [X] Original [ ] Increase [ ] Decrease

15. For Small Purchases Only: Contracting Office is authorized to exceed the amount shown in Block 12(h) by 10% or $100, whichever is less. [X] Yes [ ] No

16. Approvals

a. Branch/Office: Jane E. Ratcliffe, Chief, IMS (Jane Ratcliffe)	Date: 5-7-96	d. Property Management Officer/Designee	Date
b. Division/Office	Date	e. Other (Specify)	Date
c. Funds listed in Block 12 and Block 15 (if any) are available and reserved. (Signature of Certifying Official)	Date	f. Other (Specify)	Date

5/8/96

17. Date of Order	18. Order Number	19. Contract Number (if any)	20. Discount Terms

21. FOB Point	22. Delivery to FOB Point by On or before (Date)	23. Person Taking Order/Quote and Phone No.

24. Contractor (Name, address, ZIP Code)

25. Type of Order: [ ] a. Purchase — Reference your quote (See block 23)

Please furnish the above on the terms specified on both sides of this order and on the attached sheets, if any, including delivery as indicated.

[ ] b. Delivery provisions on the reverse side of this order. The delivery order is subject to the terms and conditions of the contract. (See Block 19)

[ ] Oral [ ] Written [ ] Confirmed

26. Schedule

Item Number (a)	Supplies or Services (b)	Quantity Ordered (c)	Unit (d)	Estimated Unit Price (e)	[redacted]	Quantity Accepted (h)
1	1) 60 second spot ad., placed between the hours of 6:00 am and 10:00 am on FRIDAY, MAY 17, 1996.	1	60 sec	$60.00		
	JUSTIFICATION: RCRA regulations at 40 CFR 124.10 require a radio broadcast announcement for RCRA Permit and Enforcement actions.					

27. United States of America By (Signature)

28. Typed Name and Title of Contracting Officer

EPA Form 1900-8 (Rev. 9-86) Previous editions are obsolete.

COPY 1—PROCUREMENT FILE/CONTRACTING OFFICER

RADIO BROADCAST

U.S.S. Lead Refinery, Incorporated

East Chicago, Indiana

The United States Environmental Protection Agency (U.S. EPA) is accepting comments on the proposed remedy for cleanup of contamination at U.S.S. Lead Refinery, Incorporated (USS Lead), 5300 Kennedy Avenue, East Chicago, Lake County, Indiana.

U.S. EPA evaluated three remedial alternatives for the cleanup and identified the proposed remedy.

A copy of the Statement of Basis describing the remedial alternatives and the proposed remedy and supplemental documents for the U.S. EPA administrative record, are available for public inspection and copying at the East Chicago Public Library in East Chicago, Indiana; Gary Public Library in Gary Indiana; Whiting Public Library in Whiting, Indiana and at the offices of the U.S. EPA, Region 5, in Chicago, Illinois.

The comment period on the Statement of Basis (SB) begins on May 20, 1996 and ends on June 25, 1996. Written comments regarding the SB must be postmarked by June 25, 1996, and must be sent to:

U.S. EPA, Region 5
Waste, Pesticides, and Toxics Division (DRE-8J)
77 West Jackson Boulevard
Chicago, Illinois 60604

A public hearing for this proposed remedy has been scheduled for June 20, 1996, at the Riley Park Community Center, 1005 East Chicago Ave., East Chicago, from 6:30 pm to 8:30 pm. For more information contact Ms. Mirtha Capiro at (312) 886-7567.

CERTIFICATE OF MAILING

I, ***Martha Y. Robinson,*** a duly authorized representative of the United States Environmental Protection Agency, Region 5. Do hereby certify that on ***May 14, 1996,*** I placed in the United States mail, at 77 West Jackson Boulevard. Copy of the Public Notice and the Statement of Basis for the "Proposed Partial Remedy for the Hazardous Waste Contamination" submitted by ***USS Lead Refinery, Inc.,*** located at 5300 Kennedy Avenue, East Chicago, Lake County, Indiana (IND 047 030 226). The above mentioned information was mailed to the persons specified on the attached mailing list.

Dated: May 14, 1996 Signature Martha Y. Robinson

Non-Responsive PII
President
Env., Quality Control, Inc.
430 Indiana Ave., Suite 104
anapolis, Indiana 46202-3212

Non-Responsive PII
Brookridge Consultants, Inc.
9100 Keystone Crossing #725
Indianapolis, IN 46240-4627

Non-Responsive PII
Ind. Petroleum Council
143 West Market St., Suite 714
Indianapolis, IN 46204

Bowen Engineering Corp.
P.O. Box 40729
Indianapolis, IN 46240

Non-Responsive PII
Corporate Engineering
103 N. Main St., Suite 202
Cown Point, IN 46307

s Glass
Dir. of Historic Preservation
402 W Washington St. Room 274
Indianapolis, IN 46204

Non-Responsive PII
LTV Steel
3001 Dickey Road
East Chicago, IN 46312

Non-Responsive PII

Non-Responsive PII

Non-Responsive PII

Non-Responsive PII
Purdue University
Civil Engineering Bldg
West Lafayette, IN 47907

Corporate Engineering
Suite 202, 103 Main Street
Crown Point, IN 46307

Non-Responsive PII

David J. Butterfield
Mayor
City Hall 166 Lincolnway
Valparaiso, IN 46383

Non-Responsive PII
Mgr. Environmental Affairs
Midwest Steel, National
U.S. Highway 12
Portage, IN 46368

Non-Responsive PII

Non-Responsive PII
Executive Director
Grand Cal Task Force
2400 New York, Ave. Suite 605
Whiting, IN 46394

Non-Responsive PII
Small Business Adm.
429 N Pennsylvania St., Suite 100
Indianapolis, IN 46204

Non-Responsive PII
Indiana University Northwest
3400 Boradway
Gary, IN 46408

Chief Port Operations Dept.
U.S. Coast Guard
215 83rd Street
Hinsdale, IL 60521

Non-Responsive PII
Indiana Daily Student Newspaper
Ernie Pyle Hall Indiana University
Bloomington, IN 47405

Non-Responsive PII
Evansville Courier, Metro Desk
P.O. Box 268
Evansville, IN 47702-0268

Non-Responsive PII
Valley Watch, Inc.
1019 Bellemeade
Evansville, IN 47714

Dan Coasts
U.S. Senator
524 Hart Office Bldg.
Washington, DC 20510

Non-Responsive PII

Non-Responsive PII

Non-Responsive PII
South Side Landfill, Inc.
2561 Kentucky Ave.
Indianapolis, IN 46241

Non-Responsive PII

SMI Recycling & Disposal, Inc.
832 Langsdale Ave.
Indianapolis, IN 46202

Non-Responsive PII
LTV Steel
3001 Dickey Road
East Chicago, IN 46312

Non-Responsive PII
Director, IDNR
Attn: Steve Jose
605 State Office Building
Indianapolis, IN 46204

Non-Responsive PII

Non-Responsive PII
Toxic Action Project
3951 N. Meridian, 3rd Floor
Indianapolis, IN 46208-4011

Non-Responsive PII

Non-Responsive PII
Office of Legal Affairs
1330 W. Michigan St.
Indianapolis, IN 46206-1964

WPTA-TV
P.O. Box 2121
Ft. Wayne, IN 46801

Non-Responsive PII
Stone City Products, Inc.
1206 7th Street P.O. Box 369
Bedford, IN 47421-0369

Non-Responsive PII
Bethlehem Steel Corp
P.O. Box 248
Chesterton, IN 46383

Non-Responsive PII
Waste Tech Services, Inc.
800 Jefferson County Parkway
Golden, OH 80401-6620

Non-Responsive PII

TERC, Inc.
Non-Responsive PII

Non-Responsive PII
(Member WPCB)
830 Harold St.
Anderson, IN 46013-1628

Non-Responsive PII

News Director
Standard
P.O. Box 71
Boonville, IN 47601

News Director
News
P.O. Box 311
Bloomfield, IN 47424

News Director
Herald News
P.O. Box 165
Cayuga, IN 47928

News Director
Exponent
P.O. Box 231
Hagerstown, IN 47346-0231

Fred Nation
Governor's Office
Rm 206, State House
Indianapolis, IN 46204

News Director
Attica Star-Tribune
P.O. Box 30
Attica, IN 47918

News Director
Leader
382 Main Cross
Charlestown, IN 47111

News Director
Eastside Newspapers
P.O. Box 18116
Indianapolis, IN 46218

News Director
Herald
P.O. Box 180
Angola, IN 46703

News Director
Herald-Tribune
P.O. Box 89
Batesville, IN 47006

News Director
Pulaski County Journal
P.O. Box 19
Winamac, IN 46996-0019

News Director
Topics Paper
9615 North College Avenue
Indianapolis, IN 46280

News Director
News & Journal
21 Spring Street
Jeffersonville, IN 47130

News Director
Tribune
P.O. Box 248
Mitchell, IN 47446

News Director
News
P.O. Box 79
Tell City, IN 47586

News Director
Hammond Times
417 Fayette Street
Hammond, IN 46320

News Director
Indianapolis News
307 North Pennsylvania Street
Indianapolis, IN 46206

News Director
Banner
P.O. Box 231
Kightstown, IN 46148

News Director
Times
P.O. Box 100
Noblesville, IN 46060

News Director
Kokomo Tribune
300 North Union Street
Kokomo, IN 46901-4612

News Director
Hartford City News-Times
123 South Jefferson Street
Hartford City, IN 47348

News Director
Indianapolis Star
307 North Pennsylvania Street
Indianapolis, IN 46206

News Director
Journal
7962 Pendleton Pike
Lawrence, IN 46226

News Director
Chronicle
13 North First Street
Scottsburg, IN 47170

News Director
Linton Citizen
P.O. Box 151, 79 South Main St.
Linton, IN 47441

News Director
Marion Chronicle-Tribune
610 South Adams Street
Marion, IN 46952

News Director
Monticello Herald-Journal
P.O. Box 409 South Main Street
Monticello, IN 47960

News Director
LaPorte Herald-Argus
701 State Street
LaPorte, IN 46350

News Director
Logansport Pharos-Tribune & Press
517 East Broadway
Logansport, IN 46947

News Director
Martinsville Reporter
60 South Jefferson Street
Martinsville, IN 46151

News Director
Mt. Vernon Democrat
430 Main Street
Mt. Vernon, IN 47620

Non-Responsive PII
Daily Calumet Newspaper
18127 William Street
Lansing, IL 60438

News Director
Lebanon Reporter
117 East Washington Street
Lebanon, IN 46052

News Director
Madison Courier
310 Courier Square
Madison, IN 47250

News Director
Michigan City News-Dispatch
121 West Michigan Blvd.
Michigan City, IN 46360

News Director
Muncie Star
P.O. Box 2408,125 South High Street
Muncie, IN 47307-9985

News Director
New Castle Courier-Times
P.O. Box 269,201 South 14 Street
New Castle, IN 47362

News Director
Plymouth Pilot-News
P.O. Box 220
Plymouth, IN 46563

News Director
Rensselaer Republican
P.O. Box 298,117 North Van Rensslr.
Rensselaer, IN 47978

The South Bend Tribune
Indiana Statehouse M-15
Indianapolis, IN 46204

News Director
Noblesville Ledger
957 Logan Street
Noblesville, IN 46060

News Director
Portland Commercial Review
P.O. Box 1049,309 West Main Street
Portland, IN 47371

News Director
Richmond Palladium-Item
P.O. Box 308,1175 North A Street
Richmond, IN 47374

News Director
Anderson Herald
1133 Jackson Street
Anderson, IN 46015

News Director
Peru Tribune
P.O. Box 87, 26 West 3 Street
Peru, IN 46970

News Director
Princeton Clarion
112 South Main Street
Princeton, IN 47670

News Director
Rochester Sentinel
118 East 8 Street
Rochester, IN 46975

News Director
Auburn Star
118 West 9 Street
Auburn, IN 46706

News Director
Bluffton News-Banner
125 North Johnson
Bluffton, IN 46714

News Director
Clinton Clintonian
P.O. Box 309, 422 South Main Street
Clinton, IN 47842

News Director
Columbus Republic
333 2 Street
Columbus, IN 47201

News Director
Bedford Times-Mail
813 16 Street
Bedford, IN 47421

News Director
Bloomington Herald-Telephone
P.O. Box 909,1900 South Walnut
Bloomington, IN 47401

News Director
Brazil Times
100 Times Square
Brazil, IN 47834

News Director
Columbia City Commercial Mail
P.O. Box 128,116 North Chauncey St.
Columbia City, IN 46725

News Director
Connersville News-Examiner
P.O. Box 287
Connersville, IN 47331

News Director
Bicknell Knox County News
310 North Main Street
Bicknell, IN 47512

News Director
Crawfordsville Journal-Review
119 North Green Street
Crawfordsville, IN 47933

News Director
Decatur Democrat
141 South 2 Street
Decatur, IN 46733

News Director
Greencastle Banner-Graphic
P.O. Box 509,100 North Jackson St.
Greencastle, IN 46135

News Director
Elkhart Truth
P.O. Box 487
Elkhart, IN 46514

News Director
Evansville Press
P.O. Box 268,201 NW 2 Street
Evansville, IN 47702

News Director
Fort Wayne News-Sentinel
600 West Main Street
Fort Wayne, IN 46802

News Director
Gary Post-Tribune
1065 Broadway
Gary, IN 46402

News Director
Greenfield Reporter
212 East Main Street
Greenfield, IN 46140

News Director
Elwood Call-Leader
317 South Anderson Street
Elwood, IN 46036

News Director
Frankfort Times
P.O. Box 9
Franfort, IN 46041-0009

Valparaiso Vidette-Messenger
P.O. Box 2350
Valparaiso, IN 46384-2350

News Director
Warsaw Times-Union
Times Building
Warsaw, IN 46580

News Director
Shelbyville News
123 East Washington Street
Shelbyville, IN 46176

News Director
Sullivan Times
P.O. Box 130
Sullivan, IN 47882-0130

News Director
Terre Haute Tribune-Star
721 Wabash Avenue
Terre Haute, IN 47808

News Director
Vincennes Sun-Commercial
P.O. Box 396
Vincennes, IN 47591

News Director
Washington Times - Herald
102 East Van Trees Street
Washington, IN 47501

News Director
Winchester News-Gazette
224 West Franklin
Winchester, IN 47394

News Director
Goshen News
114 South Main Street
Goshen, IN 46526

News Director
Greensburg News
135 South Franklin
Greensburg, IN 47240

News Director
Tipton Tribune
P.O. Box 248,110 West Madison
Tipton, IN 46072

News Director
Spencer World
P.O. Box 226
Spencer, IN 47460

News Director
Kendallville News-Sun
112 North Main St-P.O. Box 39
Kendallville, IN 46755-0039

Non-Responsive PII
Portage Journal Press
P.O. Box 370
Portage, IN 46368

s Director
Gary Crusader
1549 Broadway
Gary, IN 46407

House Media Division
401-3 State House
Indianapolis, IN 46204

Chesterton Tribune
P.O. Box 558
Chesterton, IN 46304

Charles M. Bell
Division of Water Quality
5002 Kilgore
Muncie, IN 47304

Non-Responsive PII

News Director
Rushville Republican
P.O. Box 189
Rushville, IN 46173

News Director
Wabash Plain Dealer
P.O. Box 377,123 West Canal Street
Wabash, IN 46992

Non-Responsive PII
The Indianapolis News
307 North Pennsylvania
Indianapolis, IN 46206

Non-Responsive PII
The Indianapolis Star
307 N. Pennsylvania
Indianapolis, IN 46206

News Director
The Register
15 N. Court St.
Crown Point, IN 46307

News Director
East Chicago Globe
2005 Broadway
East Chicago, IN 46312

News Editor
New Haven News
430 Broadway
New Haven, IN 46774

News Director
Evansville Courier
P.O. Box 268
201 NW 2 Street
Evansville, IN 47702

Non-Responsive PII Director
Texas Gas Transmission
3800 Frederica St.
Owensboro, KY 42301

Non-Responsive PII

News Director
South Bend Tribune
225 West Colfax Avenue
South Bend, IN 46626

News Director
Seymour Tribune
1215 East Tipton Street
Seymour, IN 47274

Ripley Publishing Company
Versailles Republican
Versailles, IN 47042

Associated Press
P.O. Box 1950
307 N. Pennsylvania
Indianapolis, IN 46207

News Director
The Lowell Tribune
P.O. Box 248
Lowell, IN 46356

Non-Responsive PII
The Herald Newspapers
3161 E. 84th Pl.
Merrillville, IN 46410

Indianapolis Business Journal
431 N. Pennsylvania
Indianapolis, IN 46204-1806

News Director
Fort Wayne Journal-Gazette
600 W. Main St.
Fort Wayne, IN 46802

Non-Responsive PII
Chemical Service Laboratory
3408 Indiustrial Parkway
Jeffersonville, IN 47130

Non-Responsive PII
Michiana Area Council of Government
1120 County-City Building
South Bend, IN 46601

Chairman Environmental Comm.
City of Bloomington
P.O. Box 100
Bloomington, IN 47402

Non-Responsive PII
Executive Secretary
Izaak Walton League
1802 Chapman Road, Box 141
Huntertown, IN 46748-0141

Non-Responsive PII
Allen County Public Library
P.O. Box 2270, 900 Webster St.
Ft. Wayne, IN 46801

Non-Responsive PII
Director of Great Lakes
Natural Resource Center
802 Monroe
Ann Arbor, MI 48104

Non-Responsive PII

Non-Responsive PII

Non-Responsive PII
Technical Standards Unit
Div. of Water Pollution, IEPA
2200 Churchill Rd.
Springfield, IL 62706

J.C. Gripp Assoc.
437 South Union St.
Westfield, IN 46074-0405

Non-Responsive PII
EMS Labs
7901 W. Morris St.
Indianapolis, IN 46231

Grand Calumet Task Force
4012 Elm St.
East Chicago, IN 46312

Non-Responsive PII
Lake County Fish and Game
1343-119th St.
Whiting, IN 46394

Non-Responsive PII

Non-Responsive PII

Non-Responsive PII
W.C.I.E. D.D.
121 S. Third St.
P.O. Box 359
Terre Haute, IN 47803

Non-Responsive PII
The Journal-Gazette
600 W. Main St., P.O. Box 88
Ft. Wayne, IN 46801

Non-Responsive PII

Non-Responsive PII
Fort Howard Paper
P.O. Box 19130
Green Bay, WI 54307-9130

Non-Responsive PII
Indianapolis Power & Light
P.O. Box 1595 B
Indianapolis, IN 46206

Non-Responsive PII
Biology Dept.
Tri-State University
P.O. Box 307
Angola, IN 46703

Non-Responsive PII

Hammond Park & Recreation Dept.
Hammond Civic Center
5825 Sohl Ave
Hammond, IN 46320

Non-Responsive PII
Custodis-Cottrell
Wastewater Group
P.O. Box 1500
Somerville, NJ 08876

Non-Responsive PII Director
Area Planning Commission
Courthouse - 1st Floor, Room 26
Warsaw, IN 46580

Non-Responsive PII
Pfizer, Inc.
P.O.Box 88
Terre Haute, IN 47808

Terre Haute Water Works
P.O. Box 3152
Terre Haute, IN 47803

Non-Responsive PII
Museum of Zoology
Ohio State University
1813 N. High
Columbus, OH 43210

Non-Responsive PII

Non-Responsive PII
United Brotherhood of Carpenters
101 Constitution Ave, N.W.
Washington, DC 20001

N.W.F.
Great Lakes Natural Resource Ctr.
802 Monroe
Ann Arbor, MI 48104

Non-Responsive PII
Holcomb Research Inst., Butler
Univ.
4600 Sunset Ave.
Indianapolis, IN 46208

Michigan Dept. of Natural Resources
P.O.Box 30028
Lansing, MI 48909

Non-Responsive PII

St. John Township Concerned Citizen
P.O. Box 227
St. John, IN 46373

Atlantic States Legal Fdn.
658 W. Onondaga
Syracuse, NY 13204-3356

Non-Responsive PII
Mid States Associates
230 South Blvd.
Baraboo, WI 53913

Non-Responsive PII
Indiana American Water Co. Inc.
P.O. Box 1116
Richmond, IN 47375

Non-Responsive PII

Calgon Carbon Corp.
P.O. Box 717
Pittsburgh, PA 15230-0717

Non-Responsive PII

Non-Responsive PII

Non-Responsive PII

Non-Responsive PII

Non-Responsive PII

Non-Responsive PII

Non-Responsive PII

Non-Responsive PII

Non-Responsive PII

Non-Responsive PII

Non-Responsive PII

Non-Responsive PII

President
S.T.O.P., Inc.
P.O. Box 322
Culver, IN 46511

Non-Responsive PII

Non-Responsive PII

Non-Responsive PII

Executive Director
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22 E. Washington
Indianapolis, IN 46204

Non-Responsive PII

Non-Responsive PII

3

Northwest Indiana Coalition for
the Environment (N.I.C.E.)
7113 Howard
Hammond, IN 46324

Honorable Richard G. Lugar
U.S. Senate
306 Senate Hart Office Building
Washington, D.C. 20510

Honorable Dan Coats
U.S. Senate
404 Senate Russell Office Building
Washington, D.C. 20510

Honorable Peter J. Visclosky
U.S. House of Representatives
330 Cannon House Office Building
Washington, D.C. 20515

Honorable Timothy J. Roemer
U.S. House of Representatives
415 Cannon House Office Building
Washington, D.C. 20515

Honorable Steve Buyer
U.S. House of Representatives
Washington, D.C. 20515

Honorable Dan L. Burton
U.S. House of Representatives
120 Cannon House Office Building
Washington, D.C. 20515

Honorable John T. Myers
U.S. House of Representatives
2372 Rayburn House Office Building
Washington, D.C. 20515

Honorable Lee H. Hamilton
U.S. House of Representatives
2187 Rayburn House Office Building
Washington, D.C. 20515

Honorable Andrew Jacobs, Jr.
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2313 Rayburn House Office Building
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:p. Rolland Webber
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Mayor Mark Lawler
120 East 8th Street
Anderson, Indiana 46016

U.S. Rep. Dan Burton
2411 Rayburn House Office
Washington, DC 20515-1406

Sen. Bill McCarty
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Anderson, Indiana 46106

Madison CO Health Dept.
16 East 9th Street
Anderson, Indiana 46106-1582

Sen. Luke Kenley
102 Harbour Trees Line
Noblesville, Indiana 46060

Rep. Eric Turner
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Mayor of Whiting
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Whiting, IN 46394

Hon. Duane W. Dedelow Jr.
Mayor of Hammond
City Hall
5925 Calumet Ave.
Hammond, IN 46320

East Chicago PTA
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Mr. Jack Parton
United Steel Workers
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Non-Responsive PII

Non-Responsive PII

Non-Responsive PII

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Interim Superintendent
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Northwest Indiana Forum
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Ste 2215
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Non-Responsive PII

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Lake Co. Fish & Game Prot. Assoc.
P.O. BOX 1006
Hammond, IND 46235

Non-Responsive PII

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Mayor of Gary
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4527 Indianapolis Blvd.
East Chicago, IN 46312

Non-Responsive PII
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La Palma, CA 90623

Jeffrey Hughes
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Gary, IN 46402

Ronald Novak, Dir
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5925 Calument Ave.
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Non-Responsive PII

Non-Responsive PII

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Non-Responsive PII

Non-Responsive PII Env Affairs
Indiana Steel Industrial
Advisory Committee
3210 Watling St.
E. Chicago, IN 46312

Non-Responsive PII

The Hammond Group, Inc.
5231 Hohman Ave.
Hammond, IN 46325

De La Garza Career Center
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E. Chicago, IN 46312

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Mary Morris-Leonard
E. Chicago City Clerk
2301 E. Columbus Dr.
E. Chicago, IN 46312

Non-Responsive PII

Non-Responsive PII

Non-Responsive PII

Non-Responsive PII -Secretary
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E. Chicago, IN 46312

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ity Controller
4525 Indianapolis Blvd.
E. Chicago, IN 46312

Non-Responsive PII
U.S. Reduction Company
9200 Calumet Ave.
Munser, IN 46321

Non-Responsive PII
United Rail Service
1150 E. 145th St.
E. Chicago, IN 46312

Non-Responsive PII
Safety-Kleen Co.
601 Riley Rd.
E. Chicago, IN 46312

Non-Responsive PII
Joliet Refinery
Mobil Oil Corp.
P.O. Box 874
Joliet, IL 60434

Non-Responsive PII
Gen. Amer. Trans Corp
500 W. Monroe
Chicago, IL 60661

Non-Responsive PII

Non-Responsive PII
National Processing Corp.
P.O. BOX 29
E. Chicago, IN 46312

Non-Responsive PII
Central States Mktng Co.
P.O. BOX 9280
Highland, IN 46322

Non-Responsive PII
Shell Oil Company
1415 W. 22nd St.
Oak Brook, IL 60522

Non-Responsive PII
Phillips Pipe Line Co.
400 E. Columbus Dr.
E. Chicago, IN 46312

Non-Responsive PII
United Rail Service Inc.
1150 E. 145th St.
E. Chicago, IN 46312

Non-Responsive PII
erican Steel Foundries
51 Canal St.
E. Chicago, IN 46312

Non-Responsive PII
Praxair, Inc.
Linde Division
4400 Kennedy Ave.
E. Chicago, IN 46312

Herb Cruz
E. Chicago Fire Dept.
3903 Indianapolis Blvd.
E. Chicago, IN 46312

Non-Responsive PII
[redacted]

Centerpoint Properties
900 E. 103rd St.
Chicago, IL 60628

Non-Responsive PII
[redacted]

Praxair Inc.
P.O. BOX 6188
Gary, IN 46406

Non-Responsive PII
[redacted]

United States Gypsum Co.
3501 Canal Street
E. Chicago, IN 46312

Non-Responsive PII
[redacted]

Mid-West Flame Hardening
500 W. 150th St.
E. Chicago, IN 46312

St. Catherine Hospital
4321 Fir Street
C. Chicago, IN 46312

E.C. Emerg Response
2201 E. Columbus Dr.
E. Chicago, IN 46312

Non-Responsive PII
[redacted]

NIPSCO
5265 Homan Ave.
Hammond, IN 46320

Safety-Kleen
1000 N. Randall Rd.
Elgin, IL 60123

East Chicago Schools
210 E. Columbus Dr.
E. Chicago, IN 46312

Non-Responsive PII
[redacted]

Amoco Refinery Mgr.
1825 Indianapolis Blvd.
Whiting, IN 46394

MOBIL Oil
P.O. BOX 874
Joliet, IL 60434

Phillips Pipe Line Co.
3 B12 Adams Blvd.
Bartlewville, OK 74004

Non-Responsive PII
[redacted]

AMOCO P&GA
2815 Indianapolis Blvd.
Whiting, IN 46394

Union Tank Car Company
300 W. 151st St.
E. Chicago, IN 46312

George Acala
East Chicago Police
2301 East Columbus Dr.
E. Chicago, IN 46312

Non-Responsive PII
[redacted]

Neighborhood Assistance Center
Chicago State University
95th at King Drive- 321/WSC
Chicago, IL 60628

HANDEX
500 Campus Dr.
Morganville, NJ 07751

Non-Responsive PII
[redacted]

Non-Responsive PII
[redacted]

E. I. Dupont de Nemours
5215 Kennedy Ave.
E. Chicago, IN 46312

Inland Steel Co.
3210 Watling St.
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Dr. Wayne C. Faatz
Indiana Department of Natural Resources

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Stephen West
Indiana Department of Environmental

402 W. Washington St., Rm. W273
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Guy O'Neill
Indiana Department of Environmental

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Refractory Co. Division
5601 Kennedy Ave.
Hammond, IN 46320

Thomas E. Allenson
Dept. of the Army Detroit District,
Corps of Engineers

Box 1027
Detroit, Michigan 48231-7027

Gainer Bank Building
504 N Broadway Street, Suite 418
Gary, IN 46402

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF:

DR-7J

MAY 13 1996

Dear Interested Party:

The United States Environmental Protection Agency (U.S. EPA) is accepting comments on a proposed partial remedy for hazardous waste contamination at U.S.S. Lead Refinery, Inc. (USS Lead), and also will be holding a public hearing on such proposed partial remedy. USS Lead is a hazardous waste management facility located at 5300 Kennedy Avenue, East Chicago, Lake County, Indiana. The proposed partial remedy includes the U.S. EPA's designation of a Corrective Action Management Unit (CAMU) at the facility.

The new public comment period will be held from May 20, 1996, until June 25, 1996, to accept comments from area residents, public officials, and others interested in the site. The public hearing will be held on June 20, 1996, at Riley Park Community Center, 1005 E. Chicago Avenue, East Chicago, from 6:30 p.m. to 8:30 p.m. This new public comment period and public hearing are being offered by U.S. EPA in response to requests made by commenters during a previous comment period that ended April 24, 1996. Written comments received during both the previous and the new comment periods, as well as oral comments received at the public hearing, will be considered.

U.S. EPA has issued a Statement of Basis (SB) as part of its public participation responsibilities under the Resources Conservation and Recovery Act (RCRA). The SB summarizes information on the remedial alternatives and the proposed partial remedy. Additional details on the evaluated alternatives and the proposed partial remedy can be found in the Interim Stabilization Measures Workplan and other documents found in the Administrative Record file for this facility. U.S. EPA encourages the public to review these documents.

Before taking final action, the U.S. EPA, Region 5, will give full consideration to all public comments pertaining to the proposed partial remedy as specified in Title 40 of the Code of Federal Regulations (40 CFR) Part 124 and Part 264.552.

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Enclosed for your information, is a copy of the Public Notice that will appear on May 17, 1996, in the Gary Post-Tribune, Gary, Indiana, and a copy of the SB.

Please contact Ms. Terri J. Wilson, of my staff, at (312) 886-4188, if you have any questions, or are in need of further assistance.

Sincerely,

Willie H. Harris

Willie H. Harris, Chief
Program Management Branch
Waste, Pesticides, and Toxics Division

Enclosures

PUBLIC NOTICE

U.S.S. Lead Refinery, Incorporated
EPA I.D. # IND 047 030 226

The United States Environmental Protection Agency (U.S. EPA) is accepting comments on the proposed partial remedy for cleanup of contamination at U.S.S. Lead Refinery, Incorporated (USS Lead) and also will be holding a public hearing on such proposed partial remedy. USS Lead is located at 5300 Kennedy Avenue, East Chicago, Indiana. This new public comment period and public hearing are being offered by U.S. EPA in response to requests made by commenters during a previous comment period that ended April 24, 1996. **The new public comment period on the proposed partial remedy begins on May 20, 1996, and ends on June 25, 1996. The public hearing will be held on June 20, 1996, at the Riley Park Community Center, 1005 E. Chicago Avenue, East Chicago, from 6:30 p.m. to 8:30 p.m.**

Written comments received during both the previous and the new comment periods, as well as oral comments received at the public hearing, will be accepted. Written comments on the proposed partial remedy must be postmarked by June 25, 1996, and must be sent to:

U.S. Environmental Protection Agency
Region 5
Att: Mirtha Capiro (DRE-8J)
77 West Jackson Boulevard
Chicago, Illinois 60604

U.S. EPA evaluated three remedial alternatives for the cleanup and identified the proposed partial remedy.

U.S. EPA's recommended alternative is Alternative 1: "Removal, Consolidation, and On-Site Disposal".

A description of the remedial alternatives and the proposed partial remedy is contained in the Statement of Basis. Additional details on the proposed partial remedy is contained in the Interim Stabilization Measures Workplan and other documents found the Administrative Record file for this facility. The Statement of Basis and the Administrative Record are available for public inspection and copying at the following locations:

East Chicago Public Library
2401 East Columbus Drive
East Chicago, Indiana 46312
(219) 397-2453
Contact: Reference Department

Gary Public Library
220 W. 5th Avenue
Gary, Indiana 46402
(219) 886-2484
Contact: Reference Department

Whiting Public Library
1735 Oliver Street
Whiting, IN 46394
(219) 659-0269
Contact: Reference Department

and

U.S. EPA, Region 5
Waste, Pesticides, and Toxics Division Record Center
77 West Jackson Boulevard, 7th Floor
Chicago, Illinois 60604
(312) 353-5821
Hours: Mon-Fri, 8:30 a.m. - 5:00 p.m.

Subsequent to the close of the public comment period and after conducting the public hearing, U.S. EPA will evaluate all comments received, and will then select the partial remedy. U.S. EPA will document the selection of the partial remedy in the Response to Comments (RTC). The RTC also will contain a summary of all comments received and will specify if any changes were made. Each person who submitted comments will receive a copy of the RTC.

STATEMENT OF BASIS

for

U. S. S. Lead Refinery, Inc.
EPA ID NO. IND 047 030 226
East Chicago, Indiana

U.S.S. Lead Refinery, Inc.
East Chicago, Indiana

INTRODUCTION

This Statement of Basis (SB) explains a proposed partial remedy for hazardous waste contamination at U.S.S. Lead Refinery, Inc. (USS Lead), a hazardous waste management facility located in East Chicago, Indiana. The proposed partial remedy will include the United States Environmental Protection Agency's (U.S. EPA) designation of a Corrective Action Management Unit (CAMU) at the facility. A CAMU is an area within a facility that is designated for the management of remediation wastes. This remedy and CAMU will be implemented as part of the Interim Stabilization Measures (ISMs) being conducted at the facility, pursuant to an Administrative Order on Consent between USS Lead and U.S. EPA (U.S. EPA Docket No. V-W-001-94).

The proposed partial remedy consists of the removal, consolidation, and on-site disposal of metal contaminant sources and the most contaminated soils and sediments from the facility. Under this remedy, on-site disposal will take place in the designated CAMU at the facility. This SB includes a description of the proposed partial remedy, a description of the area designated as a CAMU, summaries of alternative remedies, and a discussion of the factors used to support the creation of the CAMU. U.S. EPA will select a partial remedy for the facility only after the public comment period has ended and the information provided by the public during this period has been reviewed and comments considered.

This SB is being issued by U.S. EPA as part of its public participation responsibilities for designation of a CAMU under the Resource Conservation and Recovery Act (RCRA). The document summarizes information that can be found in greater detail in the IMS Workplan and other pertinent documents contained in the Administrative Record for this facility. U.S. EPA encourages the public to review these documents in order to gain a more comprehensive understanding of the facility and the RCRA activities that have been conducted.

U.S. EPA may modify the proposed partial remedy or select another partial remedy based on new information or public comments. Therefore, the public is encouraged to review and comment on all alternatives in order to become involved in the remedy selection process. If a public meeting is requested, U.S. EPA will publish a newspaper notice of the meeting prior to holding the meeting.

A. PROPOSED PARTIAL REMEDY

The U.S. EPA is proposing to use the following partial remedy to address contaminant sources (lead slag and lead-battery case chips) and the most contaminated soils and sediments (those with the highest concentrations of metals, especially lead) at the USS Lead facility:

- Remove remaining slag from slag pile and conduct on-site disposal of these remedial wastes in a Corrective Action Management Unit (CAMU).

- Remove remaining battery chips from pre-existing storage area and conduct on-site disposal of these remedial wastes in a CAMU.

- Remove contaminated soils from contaminated areas adjacent to the slag pile and the pre-existing storage area for battery chips and conduct on-site disposal of these remedial wastes in a CAMU.

- Characterize contaminated sediments within the Outfall Canal and remediate the upper 1/8th of the Outfall Canal by conducting removal and on-site disposal in a CAMU of the highest sediment contamination.

- Remediate the remainder of the Outfall Canal, lower 7/8th, by conducting removal and on-site disposal in a CAMU of the highest sediment contamination, if funds are available.

- Stabilize and/or remediate contamination from hazardous waste management units in a CAMU, including two calcium sulfate waste piles (hazardous waste D008) and one baghouse flue dust waste pile (hazardous waste K069).

- Plug and/or cap sewer and water lines from the former process area of the facility.

A more detailed discussion of the proposed partial remedy is included below.

B. FACILITY BACKGROUND

The USS Lead facility is located at 5300 Kennedy Avenue, East Chicago, Indiana. The facility consists of 79 acres, with facility operations occupying approximately 25 acres (see Attachments A and B). This 25-acre area is herein designated "the operational area". Of the total area of the facility, 39.8 acres are jurisdictional wetlands, largely located in the southern portion of the facility adjacent to the Grand Calumet River (see Attachment C). The operational area is, or was at one time, covered by the facility's buildings or fill from their operations (filled areas). Some of the jurisdictional wetlands are also located in filled areas. The nearest residences are located a half-mile to the north.

The USS Lead facility is a former secondary lead smelter and reprocessor of lead-acid batteries. The facility was constructed in the early 1900s by the Delamar Copper Refinery Company to produce copper. In 1920, the property was purchased by U.S. Smelting, Refining, and Mining, and later by USS Lead. At the time, lead refining operations were conducted at the facility.

Between 1972 and 1973, the facility was converted to a secondary lead smelter, which recovered lead from automotive batteries. On or after 1980, USS Lead managed, treated, stored, and disposed of hazardous waste subject to interim status requirements under hazardous waste management regulations.

On November 8, 1985, interim status terminated for the facility, and the facility's hazardous waste management units became subject to closure under

the Indiana Department of Environmental Management (IDEM) regulations. These hazardous waste management units included two calcium sulfate sludge waste piles and a baghouse flue dust waste pile. Secondary lead recovery operations ceased in December 1985. Major lead recovery waste producing operations prior to December 1985 included: (1) battery breaking; (2) sulfuric acid treatment; (3) baghouse flue dust collection; and (4) blast furnace slag disposal.

(1) The battery breaking operations included breaking the batteries by cutting off the top of the battery, and removing the lead plates. Between September 1980 and July 1981, cut battery cases, tops, and residual lead plates were stock-piled at the facility.

(2) Sulfuric acid was collected in the storage tanks then transferred into a large neutralization tank where lime was added to produce D008 calcium sulfate sludge. Shortly before secondary lead recovery operations ceased at the facility, the sludge drier malfunctioned and was never repaired. Hazardous waste sludge was placed on a concrete foundation at the facility. Pursuant to a Partial Interim Agreed Order with IDEM, the contents from the calcium sulfate sludge piles were removed from the site, treated, and disposed off-site at a hazardous waste landfill in the summer of 1992.

(3) Baghouse flue dust, listed as a hazardous waste (K069), was generated by a blast furnace and collected in bag filters. The baghouse flue dust was placed in a waste pile inside the Tank House Building at the facility. Pursuant to the Partial Interim Agreed Order with IDEM, the content from the baghouse flue dust waste pile was removed and sent off-site for lead recovery during the summer of 1992.

(4) Slag from the blast furnace operation was disposed of in the wetland areas, primarily in the southern portion of the property.

Following removal and off-site disposal of the contents of the calcium sulfate sludge and baghouse flue dust waste piles in summer of 1992, USS Lead has been required to complete total closure of the three hazardous waste management units in accordance with IDEM regulations and a Partial Interim Agreed Order.

On November 18, 1993, USS Lead and U.S. EPA entered into an Administrative Order on Consent pursuant to Section 3008 (h) of RCRA. The purpose of the Consent Order was to conduct interim stabilization measures (ISMs) to mitigate potential threats to human health and the environment, and, upon completion of the ISMs, conduct necessary investigations to determine the nature and extent of any release of hazardous waste and/or hazardous constituents from the facility as part of a modified RCRA Facility Investigation.

In 1994, USS Lead conducted an ISM as required by U.S. EPA consisting of dust and storm water runoff control measures and monitoring. The ISM included the application of a dust control agent over contaminated areas and installation

of a silt fence in the path of storm water flow. The monitoring aspect included visual inspection of the areas being controlled and air and surface water sampling and analysis.

On September 7, 1995, the IDEM approved with modifications the closure plan for the total closure of the three hazardous waste piles, dated August 8, 1990, and amended November 23, 1994, and March 31 and July 17, 1995.

Additional ISMs will be implemented at the facility upon completion of the partial remedy selection process by U.S. EPA, concurrently with the closure of the three hazardous waste piles under IDEM regulations. Upon implementation of the additional ISMs, a modified RCRA facility investigation (RFI) will be conducted in order to define the presence, magnitude, and extent of any hazardous wastes and/or hazardous constituents beyond the facility's boundary as a result of operations at the USS Lead facility. The U.S. EPA retains its right to require more extensive cleanup, including the selection of a final remedy, upon completion of this "off-site characterization". In addition, although no official determination has been made regarding this site, the United States Fish and Wildlife Service (U.S. FWS) anticipates pursuing a natural resource damage assessment for the site.

C. SUMMARY OF FACILITY RISKS

The facility presents a documented risk to human health and the environment. The hazardous constituents present at the facility include arsenic, barium, cadmium, chromium, selenium, lead, and mercury. Lead has the highest concentration in sources and releases of hazardous constituents at the facility. Further information on documented sources and releases of hazardous constituents at the facility is presented below.

In May 1982, Ecology and Environment, Inc. (E&E), a consulting firm contracted by U.S. EPA, sampled the blast furnace slag at the facility and reported the results to U.S. EPA. The sample results show total constituent concentrations for arsenic [991 milligrams per kilogram (mg/kg)], barium (3,870 mg/kg), chromium (320 mg/kg), selenium (120 mg/kg), and lead (21,300 mg/kg). Acid leach tests performed on the samples produced the following results: arsenic (223 ppm), chromium (3.4 ppm), and lead (2,390 ppm).

On or about May 1982, E&E submitted a report to U.S. EPA on water samples collected in the marsh slag fill area. The samples were taken to ascertain the extent of metal contamination in the marsh area. E&E reported elevated levels of antimony [70 parts per billion (ppb)], arsenic (1.600 ppb), boron (10,100 ppb), lead (120), selenium (70 ppb) in the marsh area where the disposal of slag occurred.

On March 13, 1984, E&E conducted an on-site sampling inspection of the hazardous waste stored on-site. The report on the inspection and sample analysis results, dated June 13, 1985, indicated a potential for ground-water and surface water contamination from the management practices for the baghouse flue dust and blast furnace slag land disposed at the facility. Based on the

sampling data, the following heavy metals were detected in the slag: arsenic, antimony, cadmium, lead, selenium, chromium, and zinc, and the baghouse flue dust contained arsenic, antimony, cadmium, lead, selenium, chromium, mercury, and zinc.

On July 30, 31, and August 1, 1985, U.S. EPA conducted a lead soil survey in Lake County, Indiana. Nineteen lead soil samples were taken in areas surrounding the facility, but not on the facility property, and were analyzed for total lead content. At six off-site locations, the lead levels were greater than or equal to 11,000 mg/kg. Four of these sample sites were to the north-northeast in residential areas directly north of the facility. The two other points were southeast of the facility. Of the remaining 13 sample sites, the following lead concentration ranges were found:

(1) Two locations with lead levels greater than 500 mg/kg;
(2) Five locations with lead levels ranging from 300 mg/kg to 500 mg/kg; and
(3) Six locations with lead levels below 300 mg/kg.

On or about December 1986, IDEM collected four samples from the blast furnace slag waste disposal on-site for analysis for determining if the slag exhibited the toxicity characteristic of hazardous waste. The test results indicated that the slag was hazardous for lead.

On April 15, 1991, U.S. EPA collected water samples from a 10-inch pipe that serves as a discharge point for flow collected from process sewers underlying the facility. The pipe discharges into the Outfall Canal that flows from the facility into the Grand Calumet River. The purpose of the sampling was to determine if hazardous constituents were being released from the facility through overland flow. The sampling took place during a rainfall on April 15, 1991. The estimated flow from the pipe on April 15 was approximately 200 gallons per minute. Grab samples were collected from the pipe. Parameters measured included metals, fluoride, phenols, and total suspended solids. The analytical data showed the following levels: fluoride (8.6 ppm), lead (954 ppb), cadmium (287 ppb), copper (124 ppb), nickel (123 ppb), antimony (470 ppb), and zinc (1580 ppb).

In 1993, IT Corporation, USS Lead's contractor, conducted a survey of the site using an X-Ray Fluorescence (XRF) device to field screen the site for total lead concentrations. The study was designed to sample the top 6 inches of material on a fifty foot grid pattern over an approximate 25 acre area of the site. This study revealed concentrated areas of lead contamination ranging from less than 500 mg/kg to above 5,000 mg/kg of lead in soils.

Some of the hazardous wastes or hazardous constituents identified in soil, surface water, and sediments at the facility are listed as systemic toxicants and known or suspected carcinogens by the U.S. EPA, including lead, cadmium, chromium, selenium, mercury, and arsenic. Releases from the USS Lead facility have impacted air, surface water, and soils and sediments from the facility.

The goal of the selected partial remedy is to cleanup the contaminant sources and the most contaminated soils and sediments in order to reduce risks to

human health and the environment at the facility. As indicated earlier, the U.S. EPA retains its right to require more extensive cleanup, including the selection of a final remedy, upon completion of the off-site characterization. Any final remedy required in the future would eliminate human health risks based on applicable health-based standards.

D. SCOPE OF CORRECTIVE ACTION

The interim stabilization measure (ISM) that was conducted in 1994 provided partial relief from the releases of metal contamination at the facility. As a next step and additional ISMs, USS Lead will implement the proposed partial remedy in order to further mitigate potential threats to human health and the environment at the facility.

The proposed remedy is a partial, rather than final remedy because it does not address the entire contamination at the facility. However, contaminant sources and the most contaminated soils and sediments will be cleaned up, which will lessen the contamination at the facility. These contaminant sources include lead slag and lead-battery case chips. For soils and sediments, contamination at or above 500 mg/kg of lead will be prioritized for removal (lead is the metal found at highest concentrations in contaminated areas at the facility). Since lead is associated with the other metal contaminants in soils and sediments at the facility, the removal of lead contamination will also address the removal of contamination from other metals.

As mentioned earlier, the U.S. EPA retains its right to require more extensive cleanup, including the selection of a final remedy, upon completion of the off-site characterization.

E. DESCRIPTION OF CAMU

The proposed Corrective Action Management Unit (CAMU) encompasses a minimum area of approximately seven-acres of the USS Lead facility (the "Initial CAMU"), but provides for possible expansion of the CAMU to include approximately seven additional acres ("Expansion Area"). Attachment D provides an illustration of the area of the CAMU.

The Initial CAMU is a rectangular-shaped area of the facility. Its eastern boundary parallels the facility fence and the Conrail railroad line to the east of the Laboratory, Main Office, and Club House buildings, and is located inside the fence line. This boundary extends from a point adjacent to the southern foundation of the Mixed Metals Building, to a point approximately 160 feet north of the northern foundation of the Tank House Building. The western boundary parallels the western foundations of the Mixed Metals and Tank House buildings, at a location adjacent to the Tank House Building. The southern boundary parallels and is located at a point adjacent to the southern foundation of the Mixed Metals Building. The northern boundary parallels the northern foundation of the Tank House Building, at a location located approximately 160 feet north of the Tank House Building.

The Initial CAMU encompasses the site of the following buildings of the facility: Laboratory, Main Office, Club House, Battery Breaker Building, By-Products Building, Change House, Mixed Metals Building, Bag House, Trillium Building, Old Silver Refinery Site, and Tank House. These buildings either have been demolished or will be demolished as part of this remedy, and building foundations will be left in place. The area for the Initial CAMU also includes two calcium sulfate sludge waste piles and a baghouse flue dust waste pile. The calcium sulfate sludge waste piles are located between the By-Products Building and the Change House, and the Old Silver Refinery Site and the Tank House Building. The baghouse flue dust waste pile is located in the Tank House Building.

The potential Expansion Area of the CAMU would comprise two parcels of land. The larger unit would comprise at most an approximately 400 by 725-foot rectangular area west of the Initial CAMU, between the northern end of the Outfall Canal, and wetlands north of the facility Store. This area potentially includes the sites of the Maintenance Shop, Pump House 2, and Store. The smaller unit would comprise an area adjoining the Initial CAMU, to the north of the Tank House Building. Neither unit of the Expansion Area would include jurisdictional wetlands.

F. SUMMARY OF ALTERNATIVES

The interim measure alternatives for the cleanup of contaminant sources and the most contaminated soils and sediments at the USS Lead facility are presented below.

- Alternative 1: Removal, Consolidation, and On-Site Disposal.
- Alternative 2: Removal, On-Site Treatment, and Off-Site Disposal.
- Alternative 3: Removal, Off-Site Treatment, and Off-Site Disposal.

Each of the interim measures alternatives will also include the following activity:

- Plug and/or cap sewer and water lines from the former process area of the facility.

Below, an analysis of the alternatives is presented.

- **Alternative 1:** Removal, Consolidation, and On-Site Disposal

  This alternative is to use a Corrective Action Management Unit (CAMU) to dispose of remediation wastes from the facility and facilitate the closure of three hazardous waste piles as part of the CAMU. Also, as part of this alternative, sewer and water lines from the former process area of the facility would be plugged and/or capped.

  The CAMU under the proposed partial remedy would be an area of the facility designated by the U.S. EPA's Regional Administrator, as described in Section E above. The area of the facility proposed for a

CAMU designation contains existing building foundations from the area where operations of the facility took place, areas between existing buildings foundations, and other adjacent contaminated areas from the facility. The CAMU would be located in filled areas of the facility and it would not encroach into jurisdictional wetland areas or within the 100 year floodplain.

The remediation wastes to be managed in the CAMU would include removed lead slag and lead-battery case chips, and the most contaminated soils and sediments. Removal activities will take place in the filled areas and the Outfall Canal at the facility. Off-site contamination north and east of the facility that may be identified as originating from the USS Lead facility or facility operations may also be removed and disposed of in the CAMU upon U.S. EPA's approval. Besides remedial wastes, the CAMU would contain the three hazardous waste piles that would be closed in place inside the CAMU. Since the remediation wastes are managed in accordance with the CAMU provisions, waste would not be subject to the RCRA land disposal restrictions (LDR) and the minimum technological requirements (MTRs). Innovative technologies would be used to provide containment of the wastes and enhance the protectiveness of the partial remedy.

The wastes would be contained in the CAMU by installing the following: 1) a perimeter soil-bentonite slurry wall (width of 3 feet and depth between 28 to 38 feet); 2) a system of ground-water wells on the inside and outside of the slurry wall to maintain an inward hydraulic gradient and monitor the integrity of the slurry wall; and 3) a composite cover for the CAMU. In addition, the CAMU will provide containment for existing soil contamination present within the CAMU's boundary. Additional ground-water monitoring wells may be installed after review of the initial ground-water monitoring data.

As required by the CAMU provisions, the CAMU would be constructed and closed in place as a landfill. Also, USS Lead would provide post-closure monitoring and maintenance care for the CAMU for a period of 30 years or more. As required by IDEM regulations, USS Lead would also provide for the closure in place of three hazardous waste piles as a landfill and post-closure monitoring and maintenance care. In addition to ground-water monitoring required to ensure the integrity of the CAMU, IDEM has required a Characterization of Site Hydrology and Ground-Water Quality Plan for implementation in conjunction with closure activities.

The CAMU would be constructed using a phased expansion to allow additional capacity for remediation wastes as needed. The CAMU would have a minimum area of seven acres, with a capacity of approximately 45,000 cubic yards, and a maximum of 14 acres, with a capacity of approximately 100,000 cubic yards, depending on what capacity is needed. Therefore, this alternative would allow the cleanup of up to 100,000 cubic yards of remediation wastes along with contamination from three hazardous waste piles. In addition, the remediation areas will be backfilled in accordance with a Revegetation Plan and Specifications

from the U.S. Army Corps of Engineers (U.S. ACE) Wetland Permit #94-073-003-OA. This alternative would have a total cost of up to approximately 5.55 million dollars. This cost includes a present cost of up to approximately 5.1 million dollars and an Operation and Maintenance (O & M) cost of up to approximately 0.45 million dollars. This alternative would be completed in 1 to 2 years.

- **Alternative 2:** Removal, On-Site Treatment, and Off-Site Disposal

  This alternative is to remove up to 100,000 cubic yards of lead slag and lead-battery case chips and the most contaminated soils and sediments at the facility, and conduct stabilization on-site. Also, sewer and water lines from the former process area of the facility would be plugged and/or capped. Upon on-site stabilization, wastes would be first analyzed in order to assure that the wastes no longer exhibit the toxicity characteristic of hazardous waste. Later, the wastes will be disposed off-site at a non-hazardous waste landfill. The cost of this alternative would be approximately 12.2 million dollars, and would be completed in 1 to 2 years.

- **Alternative 3:** Removal, Off-Site Treatment, and Off-Site Disposal

  This alternative is to remove up to 100,000 cubic yards of lead slag and lead-battery case chips and the most contaminated soils and sediments at the facility and conduct off-site treatment and disposal. Also, sewer and water lines from the former process area of the facility would be plugged and/or capped. The cost of this alternative would be approximately 19.0 million dollars, and would be completed in 1 year.

G. EVALUATION OF THE PROPOSED PARTIAL REMEDY AND ALTERNATIVES

The proposed partial remedy for cleaning up metal contaminant sources and the most contaminated soils and sediments at the USS Lead facility is Alternative 1: Removal, Consolidation, and On-Site Disposal. The following discussion profiles the performance of the proposed partial remedy against the technical, human health, environmental, and institutional criteria.

1. Technical

Technical criteria were compared on a relative basis between each of the interim measure alternatives and their components. Alternative 1 (Removal, Consolidation, and On-Site Disposal) was found to best meet all the technical criteria goals of performance, reliability, implementability, and safety.

Performance of the proposed partial remedy is evaluated through effectiveness and useful life. Alternative 1 would be effective in removing, consolidating, and providing on-site disposal in a Corrective Action Management Unit (CAMU) for remediation wastes. In addition, Alternative 1 would be effective in containing releases from remediation wastes in addition to releases from soil contamination within the CAMU's

boundary, through the use of a perimeter slurry wall, a system of ground-water wells to maintain an inward hydraulic gradient and monitor for releases, and a composite cover. While Alternatives 2 and 3 would be effective as far as providing stabilization of the remediation wastes, they would not provide long term care to address releases from contaminated soils that remain below excavated depth.

Reliability of the proposed partial remedy is evaluated through Operation and Maintenance (O & M) requirements and demonstrated reliability. Under Alternative 1, long-term reliability would be maintained by monitoring the CAMU which would be closed as a landfill and providing maintenance needed to insure integrity of the proposed partial remedy during the post-closure care period (30 years or more). With regards to reliability, Alternatives 2 and 3 lack O & M requirements.

Implementability of the proposed partial remedy is evaluated through its constructability and the time required for implementation. With regards to constructability, Alternative 1 would be easily installed using a phased expansion. Also, Alternative 1 would facilitate the closure in place of the three hazardous waste piles while providing long-term containment of remediation wastes and soil contamination within the CAMU's boundaries. In addition, Alternative 1 does not provide any concerns relating to compatibility of waste for on-site disposal in the CAMU because hazardous constituents present at the facility are metals. While Alternatives 2 and 3 would be easily carried out, their implementation do not include the installation of an O & M system. For all alternatives, the time required for implementation ranges from 1 to 2 years; therefore, no basis for comparison is provided regarding such aspect.

Safety of the proposed partial remedy is evaluated for workers, nearby communities, and the local environment. The chances of fire, explosion, and exposure to hazardous constituents are considered. With regards to Alternative 3, there would be some risks associated with the off-site transport of remediation wastes. Waste management activities associated with implementation of the CAMU under Alternative 1 would be performed in accordance with a Health and Safety Plan from the ISM Workplan and would pose no unacceptable risk to humans or would result in little negative effect to the environment.

Based on the above, Alternative 1 was selected from among the three alternatives as it overall provides the highest degree of performance, reliability, implementability, and safety.

2. **Human Health**

The selected partial remedy should mitigate risks to humans or to the environment resulting from exposure to hazardous wastes or hazardous constituents.

This criterion is most effectively addressed by Alternative 1. The proposed partial remedy should remove, consolidate, dispose in a Corrective Action Management Unit (CAMU), and contain any releases from remediation wastes and soil contamination within the CAMU's boundary. Containment should be attained by installing a perimeter slurry wall, a ground water monitoring system to maintain an inward hydraulic gradient and monitor for releases, and a composite cover. Compliance with post-closure care requirements would be addressed by performing groundwater monitoring and maintenance activities during a period of 30 years or more to ensure the integrity of the interim measure and protection of human health and the environment.

There would be some risks associated with the off-site transport of wastes with regards to Alternative 3 (Removal, Off-Site Treatment, and Off-Site Disposal) as indicated under the evaluation for technical criterion. Concerning Alternatives 2 and 3, the absence of post-closure care may be highly unprotective of human health and the environment.

Based on the above, Alternative 1 was selected from among the three alternatives since it includes interim measures that would more effectively mitigate risks to humans or to the environment resulting from exposure to hazardous wastes or hazardous constituents.

3. **Environmental**

The proposed partial remedy would provide the greatest improvement to the environment over the shortest period of time. Adverse effects from the implementation of the partial remedy should be minimized.

An Ecological Risk Assessment was performed at this site to assess any possible ecological impacts at the facility resulting from the implementation of the activities associated with Alternative 1. The results from the assessment indicate that Alternative 1 would improve site conditions by minimizing any further release of contaminants from the site; thereby progressing toward elimination of contamination to the surrounding habitat. Furthermore, the activities proposed under Alternative 1, when carried out in accordance with established requirements, would result in little negative effect to nearby endangered, threatened, candidate, or rare species or their habitat. Prior to any construction activities occurring annually between mid-April and mid-July, an assessment by USS Lead's ecological contractor would be performed to determine if nesting of Marsh wrens and Franklin ground squirrels is found or is anticipated to be affected by these activities. Marsh wrens and Franklin ground squirrels have been identified as those endangered, threatened, candidate, or rare species that may be affected by these activities at the area of the facility. In addition, remediated areas will be backfilled and revegetated in accordance with the U.S. ACE Wetland Permit.

Alternative 2 (Removal, On-Site Treatment, and Off-Site Disposal) and Alternative 3 (Removal, Off-Site Treatment, and Off-Site Disposal) may provide the greatest improvement to the environment by excavating,

treating, and disposing wastes off-site. However, due to the fact that contaminated soils would remain below excavated depth, it would be necessary to implement long term care to provide protectiveness. The overall protection of the environment is addressed more effectively by Alternative 1 for the reasons discussed in the evaluation for technical criterion.

Therefore, Alternative 1 was selected as it provides the most effective means of protecting the environment.

4. **Cost Estimate**

Costs were determined for each alternative in order to evaluate cost-effectiveness for those alternatives that were determined acceptable when evaluated for technical, human health, environmental, and institutional criteria. Costs were greatest for Alternative 2 (Removal, On-Site Treatment, and Off-Site Disposal) and Alternative 3 (Removal, Off-Site Treatment, and Off-Site Disposal) despite the lack of cost for Operation and Maintenance. This is an indication that Alternative 1 (Removal, Consolidation, and On-Site Disposal) maintains its cost effectiveness as a partial remedy without compromising the reliability it provides through the implementation of post-closure monitoring and maintenance care for the Corrective Action Management Unit (CAMU) for a period of 30 years or more.

5. **Institutional**

The selected partial remedy should address applicable Federal, State, and local standards, and regulations for the design, operation, and timing of each alternative.

Under Alternatives 2 and 3, remediation wastes would be treated prior to disposal off site in accordance with LDR requirements. This effectively addresses the institutional criterion. However, Alternatives 2 and 3 are lacking long term care.

As indicated earlier, Alternative 1 would allow the use of a Corrective Action Management Unit (CAMU) to dispose of remediation wastes from the facility and facilitate closure of three hazardous waste piles as part of the CAMU. If the remediation wastes are managed in accordance with the CAMU provisions, remediation waste would not be subject to the RCRA LDR and the MTRs. Federal provisions provide the U.S. EPA's Regional Administrator with the authority to designate and approve a CAMU if it meets the criteria specified below:

(1) The CAMU shall facilitate the implementation of reliable, effective, and cost effective remedies;
(2) Waste management activities associated with the CAMU shall not create unacceptable risks to humans or to the environment resulting from exposure to hazardous wastes or hazardous constituents;
(3) The CAMU shall include uncontaminated areas of the facility, only

if including such areas for the purpose of managing remediation waste is more protective than management of such wastes at contaminated areas of the facility;

(4) Areas within the CAMU, where wastes remain in place after closure of the CAMU, shall be managed and contained so as to minimize future releases, to the extent practicable;

(5) The CAMU shall expedite the timing of remedial activity implementation, when appropriate and practicable,

(6) The CAMU shall enable the use, when appropriate, of treatment technologies (including innovative technologies) to enhance the long-term effectiveness of remedial actions by reducing the toxicity, mobility, or volume of wastes that would remain in place after closure of the CAMU; and

(7) The CAMU shall, to the extent practicable, minimize the land area of the facility upon which wastes would remain in place after closure of the CAMU.

The evaluations presented for technical, human health, environmental, cost estimate, and institutional criteria would support the designation of a CAMU at the facility.

Alternative 1 addresses other various applicable standards. For example, the three hazardous waste piles contained in the CAMU will be closed in accordance with a closure plan approved by IDEM. Engineering drawing and specifications would be submitted for IDEM and U.S. EPA approval, as applicable, prior to closure of the three waste piles and construction of the initial 7 acre area of the CAMU, and prior to any expansion of the area of the CAMU up to 14 acres. Also, any excavation in the filled wetland areas or the vicinity of the non-filled wetlands would be performed in accordance with the applicable requirements of the Indiana Department of Natural Resources (IDNR), IDEM, U.S. EPA, and U.S. FWS, and in accordance with the U.S. ACE Wetland Permit. In addition, any removal of sediments from the Outfall Canal and the backfilling and revegetation of remediation areas would be performed in accordance with the U.S. ACE Wetland Permit. Furthermore, options to be considered for management of purge, decontamination, and pump water include: pretreatment and discharge to the East Chicago Sanitary District, hauling off-site to an authorized disposal facility, and pre-treatment and discharging to the Grand Calumet River under the facility's National Pollutant Discharge Elimination System (NPDES) permit. Upon completion of closure of the three waste piles and the CAMU, USS Lead would submit to IDEM and U.S. EPA, as applicable, a post-closure care permit application for the three hazardous waste piles and the CAMU.

Therefore, Alternative 1 was selected since no institutional impediments were identified associated with implementation of the partial remedy.

In summary, Alternative 1 (Removal, Consolidation, and On-Site Disposal) would include interim measures that would mitigate releases from metal contamination at the facility. These interim measures would also provide necessary post-closure care monitoring and maintenance. Therefore, Alternative 1 is the most

effective gradual step toward risk reduction to humans and the environment at the facility. The U.S. EPA believes that the proposed partial remedy is the most protective of human health and the environment.

H. PUBLIC PARTICIPATION

U.S. EPA solicits input from the community on the cleanup methods proposed for each of the interim measure alternatives. The public is also invited to provide comment on alternatives not addressed in this Statement of Basis (SB). U.S. EPA has set a public comment period from May 20 through June 25, 1996, to encourage public participation in the selection process. A public hearing will be held on June 20, 1996, at the Riley Park Community Center, 1005 E. Chicago Avenue, East Chicago, from 6:30 p.m. to 8:30 p.m.

The Administrative Record is available at the following locations:

East Chicago Public Library
2401 East Columbus Drive
East Chicago, Indiana 46312
(219) 397-2453
Contact: Reference Department

Gary Public Library
220 W. 5th Avenue
Gary, Indiana 46402
(219) 886-2484
Contact: Reference Department

Whiting Public Library
1735 Oliver Street
Whiting, IN 46394
(219) 659-0269
Contact: Reference Department

and

U.S. EPA, Region 5
Waste, Pesticides, and Toxics Division Record Center
77 West Jackson Boulevard, 7th Floor
Chicago, Illinois 60604
(312) 353-5821
Hours: Mon-Fri, 8:30 a.m. - 5:00 p.m.

After consideration of the comments received, U.S. EPA will select the partial remedy and document the selection in the Response to Comments (RTC). In addition, comments will be summarized and responses provided in the RTC. The RTC also will specify if any changes were made. Each person who submitted

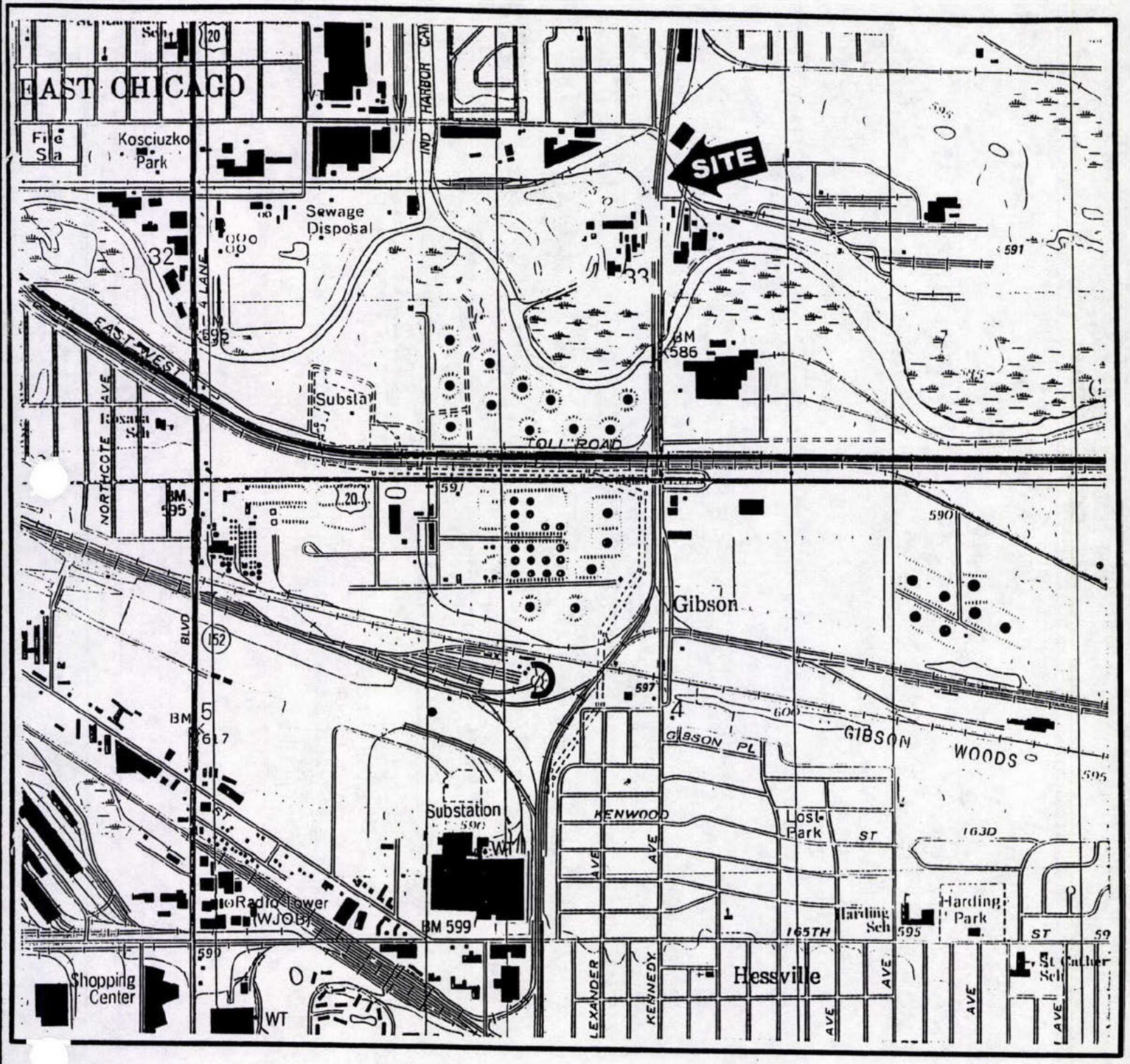
written or oral comments will receive a copy of the RTC. The RTC will be incorporated into the Administrative Record. Written comments regarding the SB must be postmarked by June 25, 1996, and must be sent to:

Ms. Mirtha Capiro
Enforcement and Compliance Assurance Branch
U.S. Environmental Protection Agency
77 West Jackson Boulevard, DRE-8J
Chicago, Illinois 60604
(312) 886-7567

N

SITE OR FACILITY'S LOCATION

ATTACHMENT A



USS LEAD REFINERY, INC.

LAKE COUNTY
EAST CHICAGO, INDIANA

SCALE

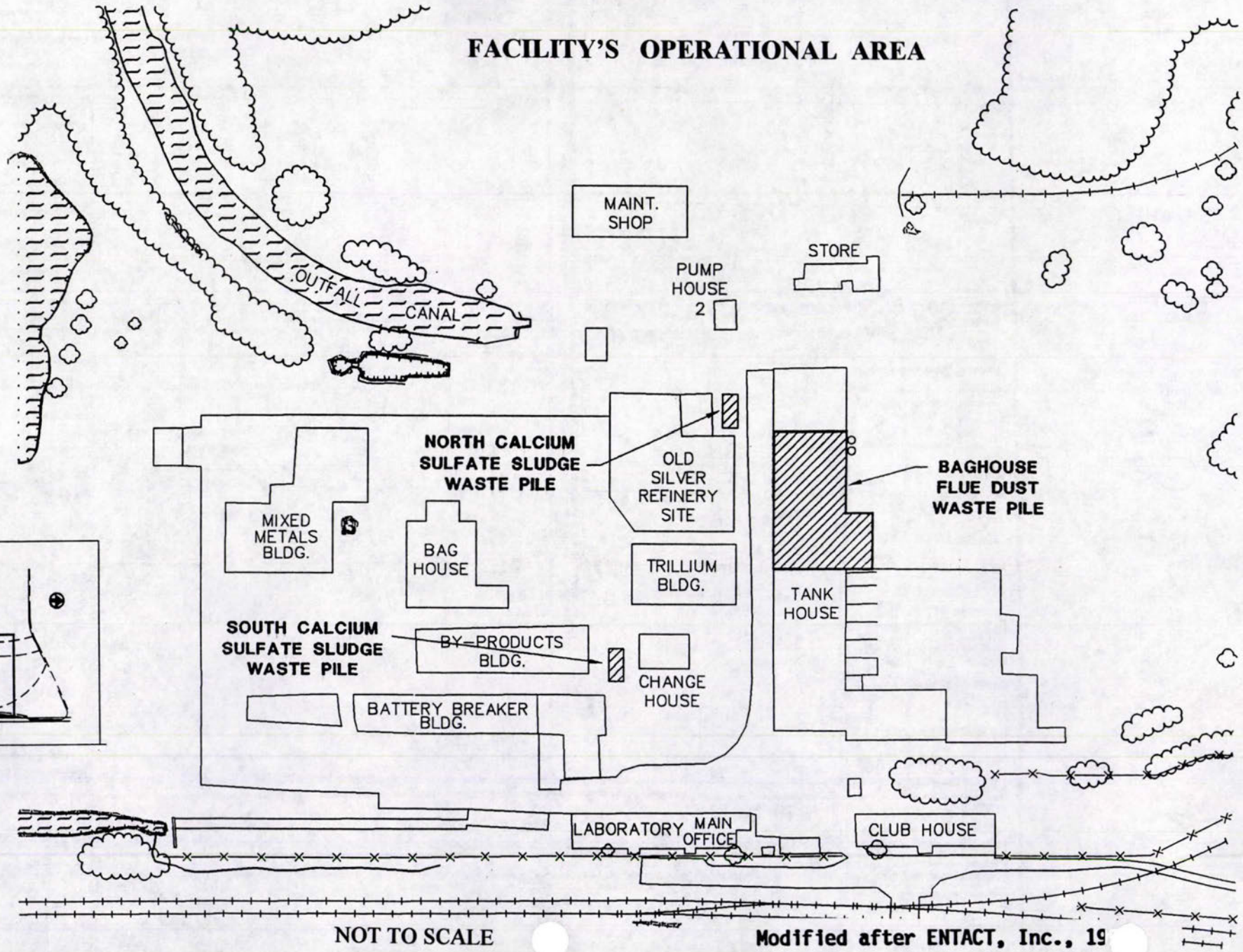
0 1/2 1 MILE

Modified after ENTACT, Inc., 1995

LEGEND

REGULATED UNITS

USS LEAD REFINERY, INC.
EAST CHICAGO, INDIANA



NOT TO SCALE

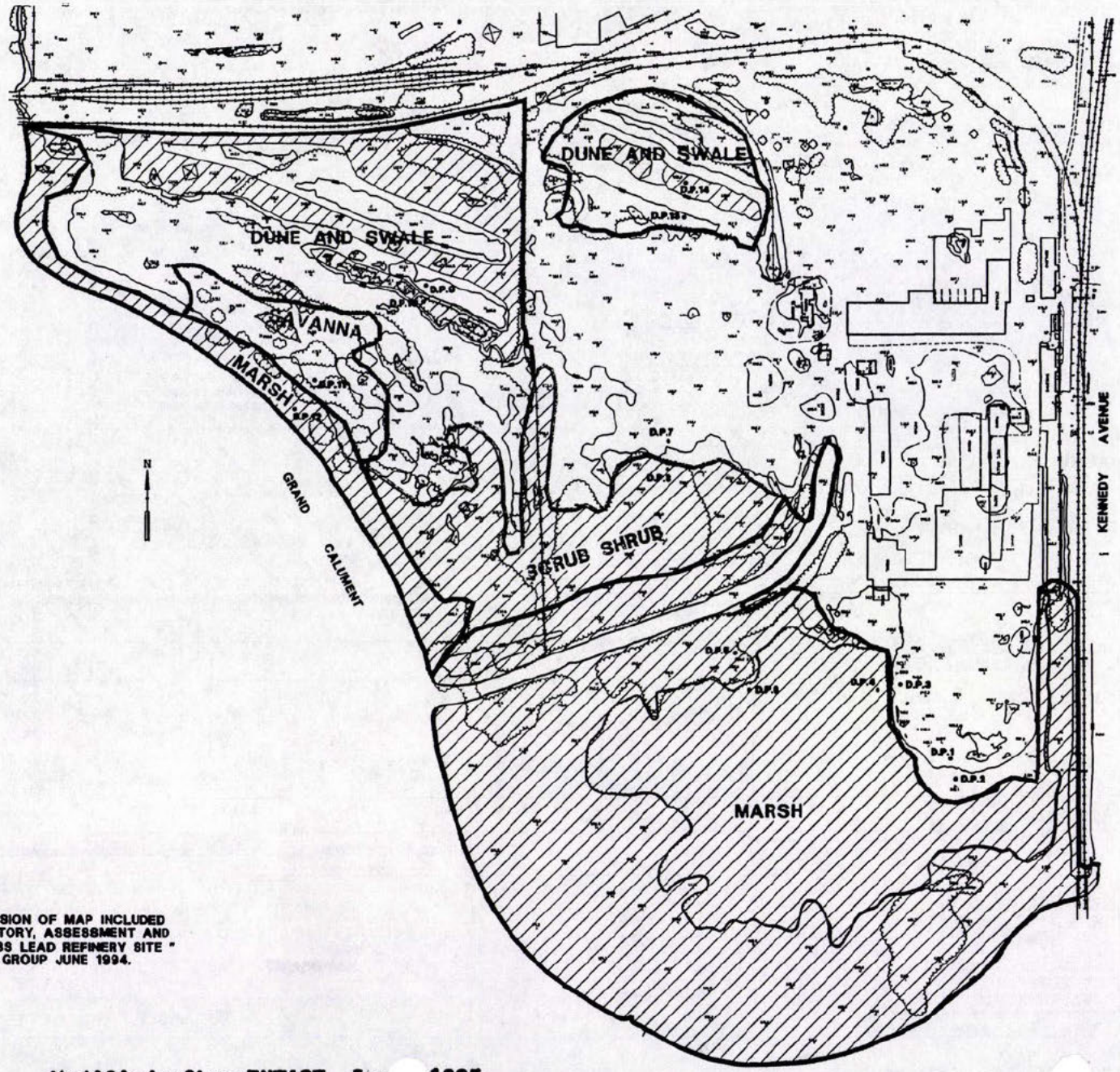
Modified after ENTACT, Inc., 19

ATTACHMENT B

USS LEAD REFINERY, INC.
EAST CHICAGO, INDIANA

ATTACHMENT C

HABITAT & WETLAND DELINEATION



WETLAND

D.P. = DATA POINT

REPRODUCED AND SCALED VERSION OF MAP INCLUDED IN " A BIOLOGICAL SITE INVENTORY, ASSESSMENT AND WETLAND DELINEATION FOR: USS LEAD REFINERY SITE " PREPARED BY THE WHITE OAK GROUP JUNE 1994.

SCALE : 1" = 285'

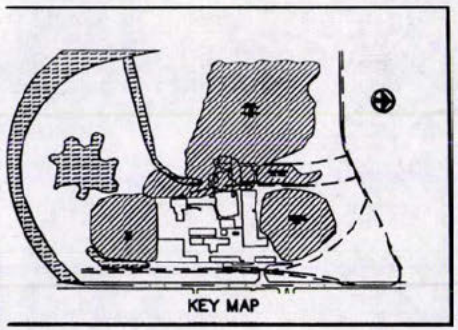
Modified after ENTACT, In 1995

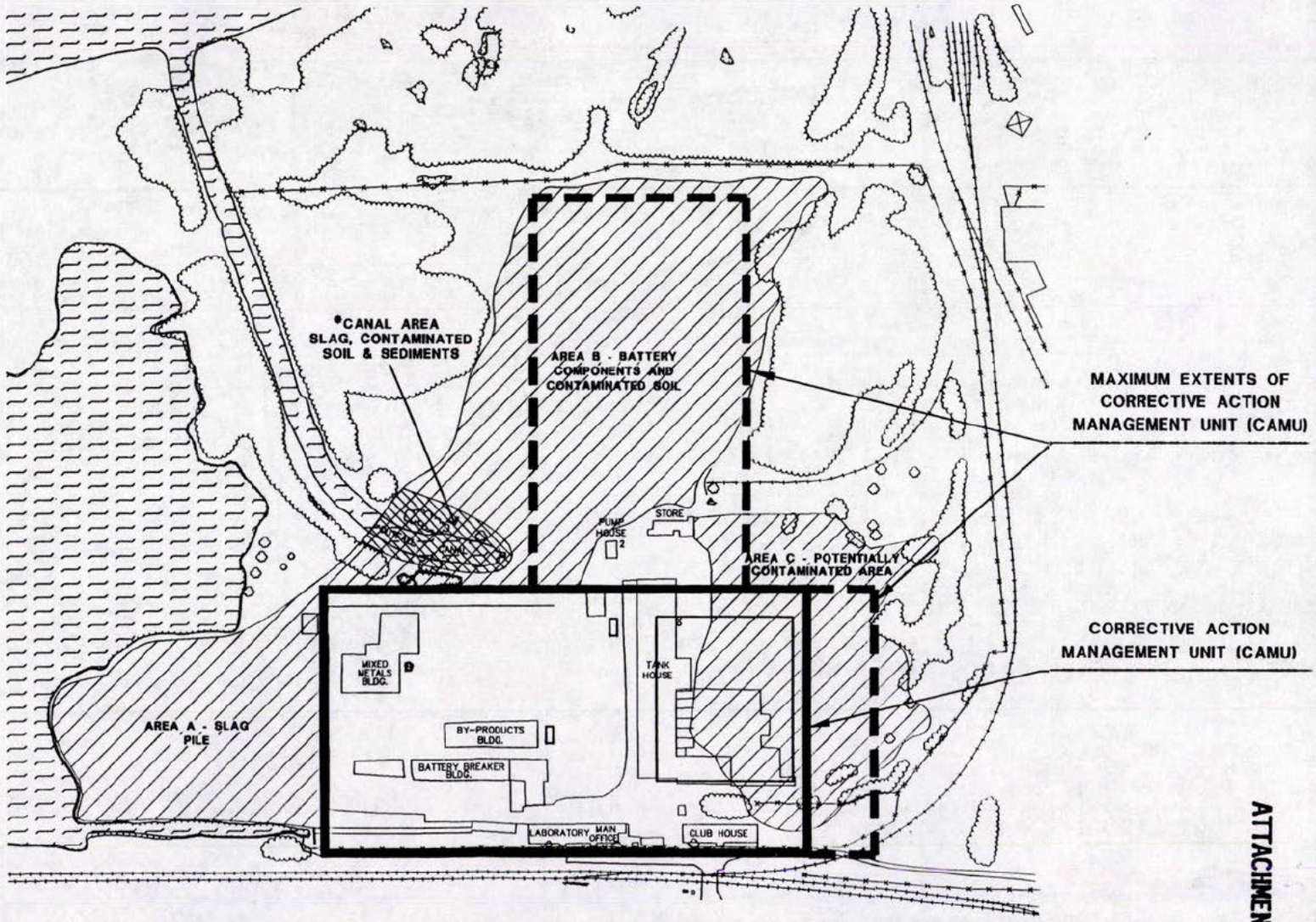
USS LEAD REFINERY, INC.
EAST CHICAGO, INDIANA

Corrective Action Management Unit

LEGEND

- CAMU AREA
- REMEDIATION AREA
- REGULATED UNITS
- • BANKS OF CANAL WILL REMAIN AFTER REMEDIATION





NOT TO SCALE

Modified after ENTACT, Inc., 1996

ATTACHMENT D

RUSH

PUBLIC VOUCHER FOR ADVERTISING

For Agency Use Only

DEPARTMENT OR ESTABLISHMENT, BUREAU OR OFFICE
U.S. Environmental Protection Agency, Region 5, WPTD, PMD, IMS

VOUCHER NUMBER

ACE VOUCHER PREPARED
West Jackson Boulevard, Chicago, Illinois 60604

DATE PREPARED
May 7, 1996

SCHEDULE NUMBER

NAME OF PUBLICATION
Gary Post-Tribune Newspaper

PAID BY

NAME OF PUBLISHER OR REPRESENTATIVE
Non-Responsive PII [redacted]

ADDRESS (Street, room number, city, State and Zip code)
1065 Broadway
Gary, Indiana 46402
Tel. same as above Fax No. same as above

CHARGES

TYPEFACE	(Size of Type)	(Inch, Square, Word, or Folio) POINT PER	
	Number or Lines (Indicate counted or spaced)	Cost Per Line	TOTAL COST
FIRST INSERTION		$	$
ADDITIONAL INSERTIONS GIVE NUMBER ▸			$
TOTAL			$

	NUMBER OF UNITS (Indicate inch, square, word, folio)	COST PER UNIT	TOTAL COST
FIRST INSERTION		$	$
ADDITIONAL INSERTIONS GIVE NUMBER ▸			
TOTAL			$

Attach one copy of advertisement (including upper and lower rules) to each copy of voucher here. If copy is not available sign the following affidavit.

TOTAL LINE RATES AND OTHER RATES	
LESS DISCOUNT AT %	
BALANCE DUE	$
VERIFIED (Initials)	

AFFIDAVIT

THIS REPRESENTS A TRUE BILLING FOR THE ATTACHED ADVERTISING ORDER, WITH SPECIFICATIONS AND COPY, WHICH HAS BEEN COMPLETED.

SIGNATURE OF PUBLISHER OR REPRESENTATIVE

TITLE DATE

FOR AGENCY USE ONLY

ADVERTISEMENT PUBLISHED IN — Date Published

I certify that the advertisement described above appeared in the named publication and that this account is correct and eligible for payment.

SIGNATURE AND TITLE OF CERTIFYING OFFICER: — DATE

SIGNATURE AND TITLE OF AUTHORIZING OFFICER: — DATE

ACCOUNTING CLASSIFICATION

Estimate: $ 212.00

LEAD TIME - TWO WEEKS

Appr.# 686/70108 BOC # 32 DCN# ~~KAE~~ KBE 059

ACC.# ~~96B05KB4E~~ OC# ~~2503~~ 2568 Please call Martha Y. Robinson at 886-6141, if you have any questions.

PAID BY CHECK NUMBER

[1]If the ability to certify and authority to approve are combined in one person enter "N/A" (Not applicable) here.

*U.S. GPO: 1974-555-598

9697 B 05K B4E

September 1973

4 Treasury FRM 2000 Standard form No. 1143

ADVERTISING ORDER

ORDER NUMBER

DEPARTMENT OR ESTABLISHMENT, BUREAU OR OFFICE
U.S. Environmental Protection Agency, Region 5, WPTD, PMB, IMS

DATE
May 7, 1996

The publisher of the publication named below is authorized to publish the enclosed advertisement according to the schedule below provided the rates are not in excess of the commercial rates charged to private individuals with the usual discounts. It is to be set solid, without paragraphing, and without any display in heading unless otherwise expressly authorized in the specifications.

NAME OF THE PUBLICATION ADVERTISED IN
Gary Post-Tribune Newspaper

SUBJECT OF ADVERTISEMENT	EDITION OF PAPER ADVERTISEMENT APPEARED
Public Notice	**GARY POST-TRIBUNE Newspaper**
NUMBER OF TIMES ADVERTISEMENT APPEARED	DATE(s) ADVERTISEMENT APPEARED
One Time Only	**FRIDAY, MAY 17, 1996**

SPECIFICATION FOR ADVERTISEMENT

Place as Legal Notice - AFFIDAVIT REQUIRED

COPY FOR ADVERTISEMENT

See attached Public Notice

AUTHORITY TO ADVERTISE	INSTRUMENT OF ASSIGNMENT
NUMBER	NUMBER
DATE	DATE
SIGNATURE OF AUTHORIZING OFFICIAL	TITLE

INSTRUCTIONS TO PUBLISHERS

Extreme care should be exercised to insure that the specifications for advertising to be set other than solid be definite, clear, and specific since no allowance will be made for paragraphing or for display or leaded or prominent headings, unless specifically ordered, or for additional space required by the use of type other than the advertisement copy submitted to the publisher will be attached to the voucher. The following is a sample of solid line advertisement set up in accordance with the usual Government requirements.

**DEPARTMENT OF HIGHWAYS & TRAFFIC, D.C.
Bids are requested for first spring 1966 cement concrete repair contract,including incidental work, Washington, D.C., Invitation No. C-5576-H, consisting of 11,000 sq. yds. PCC Class BB sidewalk repair and 2,00 cu. yds. PCC Class A pavement, alley, & driveway repair, both cut repairs only. Bidding material available from the Procurement Officer, D.C. sealed bids to be opened in the Procurement Office at 3:00 p.m., November 15, 1965.**

Your bill for this advertising order should be submitted o the "Public Voucher for Advertising" form, which is printed on the reverse of this form, immediately after the last publication of the advertisement. If copies of the printed advertisement are not available, complete the affidavit provided on the voucher. Submit the voucher and copy of the printed advertisement to ▶

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION 5
FINANCE AND ACCOUNTING SECTION (MF-10J)
77 WEST JACKSON BOULEVARD
CHICAGO, ILLINOIS 60604

IMPORTANT

Changes for advertising when a cut, matrix, stereotype or electrotype is furnished will be based on actual space used and no allowance will be made for shrinkage.

In no case shall the advertisement extend beyond the date and edition stated in this order.

WORKSHEET FOR SMALL PURCHASES

REQUISITION No.		DATE May 7, 1996	QUOTES [X] ORAL	[ ] WRITTEN
VENDOR		Gary Post-Tribune Newspaper		
TELEPHONE No. FAX No.		(219) 881-3000 (219) 887-2618		
DATE QUOTED BY: Casie	DATE QUOTED #	Casie Newton 5/7/96		
SB-LB-OTHER				
DELIVERY OFFER				
TERMS				
FOB POINT				

ITEM No.	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	1	.223	Line	$176.62				
2	1	Affidavit	N/C	-0-				
			20%	$ 35.32				
TOTAL AMOUNT				$ 211.94				

AWARD INFORMATION AND REMARKS

ESTIMATED AMOUNT: $212.00

LEAD TIME NEEDED BY NEWSPAPER: TWO WEEKS

*To be adverstised on: **FRIDAY, MAY 17, 1996***

If there are any questions contact: Martha Y. Robinson at 886-6141
RCRA, Information Management Section

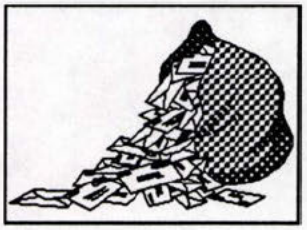
CALCULATIONS:

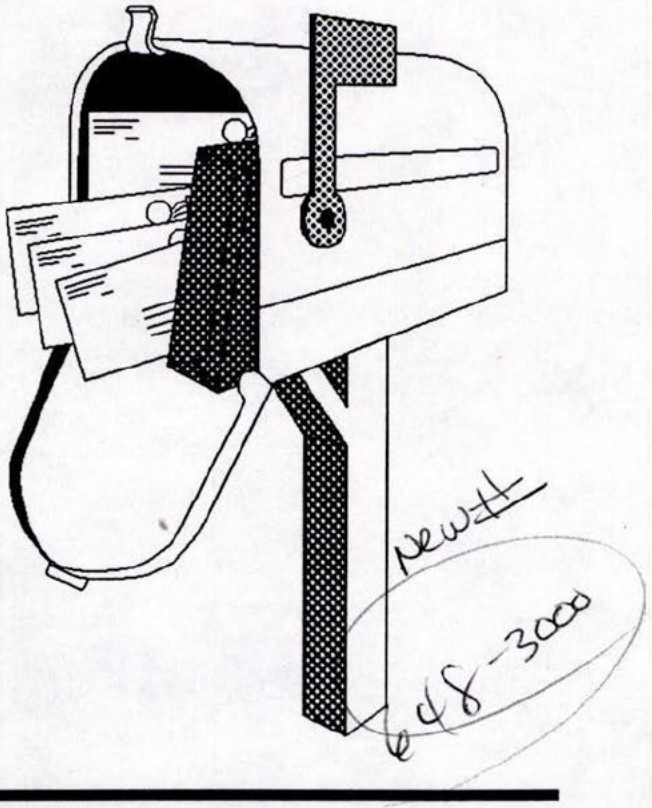
6 x 72 = 4752 ÷ 6 = 792
.02 x .223 = $176.62

EPA Form 1900-13 (Rev. 7-80) (Reverse)

URGENT

FACSIMILE REQUEST





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON
CHICAGO, IL 60604
FAX #: (312) 353-6519

Non-Responsive PII

TO: Gary Post-Tribune Attn: [redacted]

FAX NUMBER: 219 881-2618 (881-3031)

FROM: Martha Robinson

OFFICE NUMBER: (312) 886-6141

NUMBER OF PAGES: 3

Pls. call me: TO BE Advertise on Friday, May 17, 1996

Thank you.

PUBLIC NOTICE

U.S.S. Lead Refinery, Incorporated
EPA I.D. # IND 047 030 226

The United States Environmental Protection Agency (U.S. EPA) is accepting comments on the proposed partial remedy for cleanup of contamination at U.S.S. Lead Refinery, Incorporated (USS Lead) and also will be holding a public hearing on such proposed partial remedy. USS Lead is located at 5300 Kennedy Avenue, East Chicago, Indiana. This new public comment period and public hearing are being offered by U.S. EPA in response to requests made by commenters during a previous comment period that ended April 24, 1996. **The new public comment period on the proposed partial remedy begins on May 20, 1996, and ends on June 25, 1996. The public hearing will be held on June 20, 1996, at the Riley Park Community Center, 1005 E. Chicago Avenue, East Chicago, from 6:30 p.m. to 8:30 p.m.**

Written comments received during both the previous and the new comment periods, as well as oral comments received at the public hearing, will be accepted. Written comments on the proposed partial remedy must be postmarked by June 25, 1996, and must be sent to:

U.S. Environmental Protection Agency
Region 5
Att: Mirtha Capiro (DRE-8J)
77 West Jackson Boulevard
Chicago, Illinois 60604

U.S. EPA evaluated three remedial alternatives for the cleanup and identified the proposed partial remedy.

U.S. EPA's recommended alternative is Alternative 1: "Removal, Consolidation, and On-Site Disposal".

A description of the remedial alternatives and the proposed partial remedy is contained in the Statement of Basis. Additional details on the proposed partial remedy is contained in the Interim Stabilization Measures Workplan and other documents found the Administrative Record file for this facility. The Statement of Basis and the Administrative Record are available for public inspection and copying at the following locations:

East Chicago Public Library
2401 East Columbus Drive
East Chicago, Indiana 46312
(219) 397-2453
Contact: Reference Department

Gary Public Library
220 W. 5th Avenue
Gary, Indiana 46402
(219) 886-2484
Contact: Reference Department

Whiting Public Library
1735 Oliver Street
Whiting, IN 46394
(219) 659-0269
Contact: Reference Department

and

U.S. EPA, Region 5
Waste, Pesticides, and Toxics Division Record Center
77 West Jackson Boulevard, 7th Floor
Chicago, Illinois 60604
(312) 353-5821
Hours: Mon-Fri, 8:30 a.m. - 5:00 p.m.

Subsequent to the close of the public comment period and after conducting the public hearing, U.S. EPA will evaluate all comments received, and will then select the partial remedy. U.S. EPA will document the selection of the partial remedy in the Response to Comments (RTC). The RTC also will contain a summary of all comments received and will specify if any changes were made. Each person who submitted comments will receive a copy of the RTC.

RUSH

PUBLIC VOUCHER FOR ADVERTISING

DEPARTMENT OR ESTABLISHMENT, BUREAU OR OFFICE U.S. Environmental Protection Agency, Region 5, WPTD, PMD, IMS	For Agency Use Only VOUCHER NUMBER
LACE VOUCHER PREPARED '7 West Jackson Boulevard, Chicago, Illinois 60604 — DATE PREPARED May 7, 1996	SCHEDULE NUMBER
NAME OF PUBLICATION Gary Post-Tribune Newspaper	PAID BY
NAME OF PUBLISHER OR REPRESENTATIVE Non-Responsive PII [redacted]	
ADDRESS (Street, room number, city, State and Zip code) 1065 Broadway Gary, Indiana 46402 Tel. same as above Fax No. same as above	

CHARGES

TYPEFACE	(Size of Type)	(Inch, Square, Word, or Folio) POINT PER	
	Number or Lines (Indicate counted or spaced)	Cost Per Line	TOTAL COST
FIRST INSERTION		$	$
ADDITIONAL INSERTIONS GIVE NUMBER ▸			$
TOTAL			$

	NUMBER OF UNITS (Indicate inch, square, word, folio)	COST PER UNIT	TOTAL COST
FIRST INSERTION		$	$
ADDITIONAL INSERTIONS GIVE NUMBER ▸			
TOTAL			$

Attach one copy of advertisement (including upper and lower rules) to each copy of voucher here. If copy is not available sign the following affidavit.

TOTAL LINE RATES AND OTHER RATES	
LESS DISCOUNT AT %	
BALANCE DUE	$
VERIFIED (Initials)	

AFFIDAVIT

THIS REPRESENTS A TRUE BILLING FOR THE ATTACHED ADVERTISING ORDER, WITH SPECIFICATIONS AND COPY, WHICH HAS BEEN COMPLETED.

SIGNATURE OF PUBLISHER OR REPRESENTATIVE

TITLE DATE

FOR AGENCY USE ONLY

ADVERTISEMENT PUBLISHED IN	Date Published
I certify that the advertisement described above appeared in the named publication and that this account is correct and eligible for payment.	
SIGNATURE AND TITLE OF CERTIFYING OFFICER:	DATE
SIGNATURE AND TITLE OF AUTHORIZING OFFICER:	DATE
ACCOUNTING CLASSIFICATION Estimate: $ 212.00 LEAD TIME - TWO WEEKS Appr.# 686/70108 BOC # 32 DCN# KAE ACC.# 96B05KB4E OC# 2583 Please call Martha Y. Robinson at 886-6141, if you have any questions.	PAID BY CHECK NUMBER

[1]If the ability to certify and authority to approve are combined in one person enter "N/A" (Not applicable) here.

*U.S. GPO: 1974-555-598

September 1973

4 Treasury FRM 2000 Standard form No. 1143

ADVERTISING ORDER

ORDER NUMBER

DEPARTMENT OR ESTABLISHMENT, BUREAU OR OFFICE
U.S. Environmental Protection Agency, Region 5, WPTD, PMB, IMS

DATE
May 7, 1996

The publisher of the publication named below is authorized to publish the enclosed advertisement according to the schedule below provided the rates are not in excess of the commercial rates charged to private individuals with the usual discounts. It is to be set solid, without paragraphing, and without any display in heading unless otherwise expressly authorized in the specifications.

NAME OF THE PUBLICATION ADVERTISED IN
Gary Post-Tribune Newspaper

SUBJECT OF ADVERTISEMENT	EDITION OF PAPER ADVERTISEMENT APPEARED
Public Notice	**GARY POST-TRIBUNE Newspaper**
NUMBER OF TIMES ADVERTISEMENT APPEARED	DATE(s) ADVERTISEMENT APPEARED
One Time Only	**FRIDAY, MAY 17, 1996**

SPECIFICATION FOR ADVERTISEMENT

Place as Legal Notice - AFFIDAVIT REQUIRED

COPY FOR ADVERTISEMENT

See attached Public Notice

AUTHORITY TO ADVERTISE	INSTRUMENT OF ASSIGNMENT
NUMBER	NUMBER
DATE	DATE
SIGNATURE OF AUTHORIZING OFFICIAL	TITLE

INSTRUCTIONS TO PUBLISHERS

Extreme care should be exercised to insure that the specifications for advertising to be set other than solid be definite, clear, and specific since no allowance will be made for paragraphing or for display or leaded or prominent headings, unless specifically ordered, or for additional space required by the use of type other than the advertisement copy submitted to the publisher will be attached to the voucher. The following is a sample of solid line advertisement set up in accordance with the usual Government requirements.

**DEPARTMENT OF HIGHWAYS & TRAFFIC, D.C.
Bids are requested for first spring 1966 cement concrete repair contract,including incidental work, Washington, D.C., Invitation No. C-5576-H, consisting of 11,000 sq. yds. PCC Class BB sidewalk repair and 2,00 cu. yds. PCC Class A pavement, alley, & driveway repair, both cut repairs only. Bidding material available from the Procurement Officer, D.C. sealed bids to be opened in the Procurement Office at 3:00 p.m., November 15, 1965.**

Your bill for this advertising order should be submitted o the "Public Voucher for Advertising" form, which is printed on the reverse of this form, immediately after the last publication of the advertisement. If copies of the printed advertisement are not available, complete the affidavit provided on the voucher. Submit the voucher and copy of the printed advertisement to ▶

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION 5
FINANCE AND ACCOUNTING SECTION (MF-10J)
77 WEST JACKSON BOULEVARD
CHICAGO, ILLINOIS 60604

IMPORTANT

Changes for advertising when a cut, matrix, stereotype or electrotype is furnished will be based on actual space used and no allowance will be made for shrinkage.

In no case shall the advertisement extend beyond the date and edition stated in this order.

WORKSHEET FOR SMALL PURCHASES

REQUISITION No.		DATE May 7, 1996	QUOTES [X] ORAL	[ ] WRITTEN
VENDOR		Gary Post-Tribune Newspaper		
TELEPHONE No. FAX No.		(219) 881-3000 (219) 887-2618		
DATE QUOTED BY: Casle	DATE QUOTED #	Non-Responsive PII [redacted] 5/7/96		
SB-LB-OTHER				
DELIVERY OFFER				
TERMS				
FOB POINT				

ITEM No.	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	1	.223	Line	$176.62				
2	1	Affidavit	N/C	-0-				
			20%	$ 35.32				
TOTAL AMOUNT				$ 211.94				

AWARD INFORMATION AND REMARKS

ESTIMATED AMOUNT: $212.00

LEAD TIME NEEDED BY NEWSPAPER: TWO WEEKS

To be adverstised on: ***FRIDAY, MAY 17, 1996***

If there are any questions contact: Martha Y. Robinson at 886-6141
RCRA, Information Management Section

CALCULATIONS:

66 x 72 = 4752 ÷ 6 = 792
792 x .223 = $176.62

EPA Form 1900-13 (Rev. 7-80) (Reverse)

PUBLIC NOTICE

U.S.S. Lead Refinery, Incorporated
EPA I.D. # IND 047 030 226

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U.S. Environmental Protection Agency
Region 5
Att: Mirtha Capiro (DRE-8J)
77 West Jackson Boulevard
Chicago, Illinois 60604

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U.S. EPA's recommended alternative is Alternative 1: "Removal, Consolidation, and On-Site Disposal".

A description of the remedial alternatives and the proposed partial remedy is contained in the Statement of Basis. Additional details on the proposed partial remedy is contained in the Interim Stabilization Measures Workplan and other documents found the Administrative Record file for this facility. The Statement of Basis and the Administrative Record are available for public inspection and copying at the following locations:

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Waste, Pesticides, and Toxics Division Record Center
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(312) 353-5821
Hours: Mon-Fri, 8:30 a.m. - 5:00 p.m.

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VERIFICATION OF RECEIPT OF PUBLIC REVIEW MATERIALS

NAME OF LIBRARY, CONTACT PERSON AND LOCATION:

[redacted]
East Chicago Public Library
2401 East Columbus Drive
East Chicago, Indiana 46312-2998

FACILITY NAME, LOCATION AND IDENTIFICATION NUMBER:

RCRA Statement of Basis
U.S.S. Lead Refinery, Inc.
IND 047 030 226

MATERIALS ENCLOSED (RECEIVED):

- **Statement of Basis**
- **Public Notice**
- **Administrative Record** and Attachments

CONCURRENCE

DATE RECEIVED BY LIBRARY: 3/25/96

DATE AVAILABLE TO PUBLIC: 3/26/96

NAME OF RECEIVING PARTY: [redacted]

POSITION/TITLE OF RECEIVING PARTY: DIRECTOR

SIGNATURE OF RECEIVING PARTY: [redacted]

Return signed copy to:

U.S. EPA, Region 5,
77 West Jackson Blvd., (DR-7J)
Chicago, Illinois 60604,
Attn: Martha Y. Robinson

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

NOV

REPLY TO THE ATTENTION OF:

DRE-8J

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Robert A. Pastrick Branch
East Chicago Public Library
1008 West Chicago Avenue
East Chicago, Indiana 46312

ATT: Non-Responsive PII [redacted]

RE: U.S.S. Lead Refinery, Inc.
Administrative Record
U.S. EPA ID# IND 047 030 226

Dear Non-Responsive PII [redacted]

The United States Environmental Protection Agency (U.S. EPA) has issued a Designation of a Corrective Management Unit and Response to Comments for the U.S.S. Lead Refinery, Inc. (USS Lead) facility, 5300 Kennedy Avenue, East Chicago, Lake County, Indiana. The Administrative Record for USS Lead supports U.S. EPA's determination.

We would like to please request that you establish an information repository at the Robert A. Pastrick Branch of the East Chicago Library to provide the public the opportunity to view the Administrative Record for USS Lead. A copy of the Administrative Record is enclosed. Also, a copy of the Interim Measures Workplan (Volumes I, II, III, and IV) is included as part of the Administrative Record.

Also, we would like to bring to your attention that additional materials may be submitted for the repository by Ms. Tina Anguiano from ENTACT, Inc. or someone on Ms. Anguiano's behalf. These materials would be submitted periodically under the same title.

We anticipate that this information repository may be maintained for approximately three to four years. Please keep this repository until further notice.

Recycled/Recyclable • Printed with Vegetable Oil Based Inks on 100% Recycled Paper (40% Postconsumer)

Thank you for your assistance. If you have any question, please contact me at (312) 886-7567.

Sincerely yours,

Mirtha Capiro
Project Manager/Coordinator
Waste, Pesticides, and Toxics Division

Enclosures:
- One brown binder labeled "Administrative Record, U.S.S. Lead Refinery, Inc."
- Interim Stabilization Measures Workplan
  - Volume I dated September 17, 1996
  - Volume II dated September 17, 1996
  - Volume III dated September 17, 1996
  - Volume IV dated February 7, 1996

cc: Non-Responsive PII [redacted]

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF:

AUG 06 1996

DRE-8J

VIA FACSIMILE AND
CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Non-Responsive PII
Mining Remedial Recovery Co.
P.O. Box 866
Price, Utah 84501

Re: Public Comment
U.S.S. Lead Refinery, Inc.
IND 047 030 226

Dear Non-Responsive PII

During the June 20, 1996, public hearing on the proposed partial remedy and designation of a Corrective Action Management Unit for the U.S.S. Lead Refinery, Inc. (USS Lead) facility, a commenter indicated that "they [the facility] had some people working there at the beginning, and they were digging holes and taking bags of soil and burying them". The commenter expressed her desire to have the problem she presented addressed. Activities described by the commenter have not been identified in the USS Lead's quarterly progress reports being submitted to U.S. EPA as per required under the November 18, 1993, Administrative Order on Consent. As you indicated to me at the end of the public hearing, the bags may have contained asbestos from building demolition at the facility.

In response to this expressed public concern, U.S. EPA is requesting that USS Lead submit a written statement concerning its knowledge of this issue. This written statement should also delineate any steps that are warranted for proper disposition of the material in accordance with the ISM Workplan, and Federal and State regulations.

Within fifteen (15) days of receipt of this letter, USS Lead should submit to U.S. EPA a written statement as described above.

Recycled/Recyclable • Printed with Vegetable Oil Based Inks on 100% Recycled Paper (40% Postconsumer)

If you have any questions, please contact me at (312) 886-7567.

Sincerely yours,

Mirtha Capiro
Project Manager
Enforcement and Compliance Assurance Branch

cc: Stephen West, IDEM

Mirtha Capiro
01/18/2000 10:36 AM

To: [redacted]

Subject: USS Lead Refinery, East Chicago, IN -Forwarded

Hello, [redacted]

Evette Jones forwarded to me your request for information as attached. I am the U.S. EPA project manager for the USS Lead Refinery site and would be glad to assist you. As I understand, you are looking for the most current cost estimate information from this site. I would like to explain that USS Lead Refinery is subject to the requirements of an order issued under RCRA. The order requires USS Lead Refinery to conduct interim measures and an investigation unless financially unable to pay. Therefore, we don't have records of cost estimates on file since USS Lead has continued to pay for the work. However, you can contact Mr. Michael Baum of USS Lead Refinery at Utah at 435/ 472-3385 for cost estimate information.

Please let me know if you have any problems obtaining the information from Mr. Baum.

Sincerely,

Mirtha Capiro

---------- Forwarded by Mirtha Capiro/R5/USEPA/US on 01/18/2000 09:56 AM ----------

CN=EVETTE JONES/OU=R5/O=USEPA/C=US@EPA on 01/14/2000 02:39:29 PM

To: Mirtha Capiro
Subject: USS Lead Refinery, East Chicago, IN -Forwarded

Received: from myrtle.rtpnc.epa.gov ([134.67.208.33]) by r5smtp2.r05tok.epa.gov (GroupWise SMTP/MIME daemon 4.1 v3) ; Thu, 13 Jan 00 10:35:03 CST
Received: from CONVERSION-DAEMON by epamail.epa.gov (PMDF V5.2-32 #42055) id <0FOA007018PFDK@epamail.epa.gov> for jones-evette@r5smtp2.r05tok.epa.gov (ORCPT rfc822;jones.evette@epa.gov); Thu, 13 Jan 2000 11:34:27 -0500 (EST)
Received: from H-MLAW.COM (dejure.h-mlaw.com [209.224.157.105]) by epamail.epa.gov (PMDF V5.2-32 #42055) with SMTP id <0FOA00J468P8E8@epamail.epa.gov> for jones-evette@r5smtp2.r05tok.epa.gov (ORCPT rfc822;jones.evette@epa.gov); Thu, 13 Jan 2000 11:34:21 -0500 (EST)
Received: from HM-Message_Server by H-MLAW.COM with Novell_GroupWise; Thu, 13 Jan 2000 11:32:55 -0500
Message-id: <s87db7e7.002@H-MLAW.COM>
X-Mailer: Novell GroupWise 5.5.2
Date: Thu, 13 Jan 2000 11:32:38 -0500
From: [redacted]
To: JONES.EVETTE@EPAMAIL.EPA.GOV
Subject: USS Lead Refinery, East Chicago, IN
Mime-Version: 1.0
Content-Type: text/plain

THE NATURE CONSERVANCY

The Nature Conservancy

Northwest Indiana Office
2400 New York Ave., Room 411
Calumet College of Saint Joseph
Whiting, IN 46394
(219) 473-4312

June 20, 1996

Mirtha Capiro
Enforcement and Compliance Assurance Branch
U.S. Environmental Protection Agency
77 West Jackson Boulevard, DRE-8J
Chicago, Il 60604

Dear Mirtha,

Thank you for arranging the site visit at The Uss Lead Refinery. I've read through the revegetation plan in the "Interim Stabilization Measures Workplan Volume 1" and I have a few comments.

The dune and swale topography that once covered the Grand Calumet River basin was unique on Earth. The remnants of that system still support globally significant biotic communities. In places where it is appropriate to use native vegetation in the stabilization process the plant list should be drawn from those species native to the dune and swale system. We encourage anyone doing restoration to use local seed sources whenever possible. I am enclosing a plant list from the DuPont Dune and Swale. It is the closest of the remnant tracts and is the best model we have for restoration of native habitat along the Grand Calumet River corridor.

Another concern is the long term fate of any restoration project begun at the site. Without proper management the restorations described in this document will degrade overtime. Area "A" is part of a larger marsh complex that is overrun with phragmites and purple loosestrife. Both of these species are extremely aggressive. Without a control program in place, in all likelihood, they will dominate any plant community restored to the site. It is my opinion that prescribed burning is one of the most important tools of prairie and savanna management. Without fires these communities quickly become overgrown with young saplings and brush which shade out the herbaceous layer. If habitat restoration is going to be included in the interim plan, long term management goals should be developed at the same time.

Restoring ecological health to the USS Lead site will take time. I think it is best if we view this interim measure as a step in that direction. I'm not sure extensive restoration to limited areas is wise until we understand where they fit in relationship to the rest of site and the entire river basin. We should think of the current restoration effort as an interim ecological stabilization measure not a final resolution. This may mean scaling back restoration plans in the short term and saving those resources until we know how they are best used.

respectfully,

Non-Responsive PII

[redacted]

"Printed on 100% recycled paper"

SITE: Du Pont Dune & Swale
LOCALE: Lake County, Indiana
DATE Compilation 1993
BY: Wilhelm, Tams, et al.
FILE: dupontco

FLORISTIC QUALITY DATA		NATIVE		ADVENTIVE	
226	NATIVE SPECIES	14	Tree	5.4%	1 Tree	0.4%
261	Total Species	19	Shrub	7.3%	5 Shrub	1.9%
5.06	NATIVE $\bar{C}$ value	5	W-Vine	1.9%	1 W-Vine	0.4%
4.38	W/Adventives	1	H-Vine	0.4%	0 H-Vine	0.0%
76.10	NATIVE FQI	111	P-Forb	42.5%	9 P-Forb	3.4%
70.81	W/Adventives	7	B-Forb	2.7%	9 B-Forb	3.4%
-0.1	NATIVE $\bar{W}$ value	16	A-Forb	6.1%	4 A-Forb	1.5%
0.3	W/Adventives	18	P-Grass	6.9%	4 P-Grass	1.5%
AVG:	FACULTATIVE	2	A-Grass	0.8%	2 A-Grass	0.8%
		22	P-Sedge	8.4%	0 P-Sedge	0.0%
		3	A-Sedge	1.1%	0 A-Sedge	0.0%
		8	Cryptogam	3.1%		

The following inventory, prepared by The MORTON ARBORETUM, follows the nomenclature given in Swink & Wilhelm, PLANTS OF THE CHICAGO REGION, 1994. Each species is preceded by its database acronym and coefficient of conservatism (*C* value, where *C* = 0 to 10, weedy to conservative), and followed by its wetness coefficient (*W* value, where *W* = -5 to +5, wet to dry), corresponding National Wetland Category (OBL = obligate wetland species, FAC = facultative species, UPL = upland species), and physiognomy (A = annual, B = biennial, P = perennial, W = woody, H = herbaceous). Native taxa are those species believed to have been present in the Chicago region prior to settlement. Adventives, shown in ALL CAPS, include those species which have entered the region since settlement and are therefore not integral to any presettlement community.

The table in the upper left-hand corner provides an analysis of the quality of the site. It shows the total number of species present, the mean coefficient of conservatism ($\bar{C}$), the Floristic Quality Index (FQI), and mean wetness ($\bar{W}$); calculated separately for natives and then including the adventive species (W/Adventives). The $\bar{C}$ value indicates the average coefficient of conservatism (*C*). The FQI is derived by multiplying $\bar{C}$ by the square root of the number of species. If the FQI of an area registers in the middle 30's or higher, one can be relatively certain that there is sufficient native character to be of rather profound environmental importance in terms of a regional natural area perspective. *De novo* restoration attempts rarely achieve FQI values higher than 35 or $\bar{C}$ values higher than 3.5. The $\bar{W}$ value indicates the mean wetness coefficient for all species present, native species only, and with adventives. The tables in the upper center and right-hand corner indicate the number of species in each physiognomic class, NATIVE *versus* ADVENTIVE along with their percentage of the total inventory.

ACRONYM	C	SCIENTIFIC NAME	W	WETNESS	PHYSIOG.	COMMON NAME
ACENEG	0	Acer negundo	-2	FACW-	Nt TREE	BOX ELDER
ACESAI	0	Acer saccharinum	-3	FACW	Nt TREE	SILVER MAPLE
ACHMIL	*	ACHILLEA MILLEFOLIUM	3	FACU	Ad P-FORB	YARROW
AGAPUU	6	Agalinis purpurea	-3	FACW	Nt A-FORB	PURPLE FALSE FOXGLOVE
AGATEN	7	Agalinis tenuifolia	-3	FACW	Nt A-FORB	SLENDER FALSE FOXGLOVE
AGRALA	*	AGROSTIS ALBA	-3	FACW	Ad P-GRASS	REDTOP
AILALT	*	AILANTHUS ALTISSIMA	5	UPL	Ad TREE	TREE OF HEAVEN
ALITRI	4	Alisma triviale	-5	OBL	Nt P-FORB	LARGE-FLOWERED WATER PLANTAIN
ALLCER	7	Allium cernuum	1	[FAC-]	Nt P-FORB	NODDING WILD ONION
ALTROS	*	ALTHAEA ROSEA	5	UPL	Ad P-FORB	HOLLYHOCK
AMBARE	0	Ambrosia artemisiifolia elatior	3	FACU	Nt A-FORB	COMMON RAGWEED
AMBTRI	0	Ambrosia trifida	-1	FAC+	Nt A-FORB	GIANT RAGWEED
AMOCAN	9	Amorpha canescens	5	UPL	Nt SHRUB	LEAD PLANT
ANDGER	5	Andropogon gerardii	1	FAC-	Nt P-GRASS	BIG BLUESTEM GRASS
ANDSCO	5	Andropogon scoparius	4	FACU-	Nt P-GRASS	LITTLE BLUESTEM GRASS
ANECYL	6	Anemone cylindrica	5	UPL	Nt P-FORB	THIMBLEWEED
APIAME	7	Apios americana	-3	FACW	Nt P-FORB	GROUND NUT
APOCAN	4	Apocynum cannabinum	0	FAC	Nt P-FORB	INDIAN HEMP
APOSIB	2	Apocynum sibiricum	-1	FAC+	Nt P-FORB	PRAIRIE INDIAN HEMP
ARALYR	5	Arabis lyrata	4	FACU-	Nt B-FORB	SAND CRESS
ARANUD	8	Aralia nudicaulis	3	FACU	Nt SHRUB	WILD-SARSAPARILLA
ARELAT	8	Arenaria lateriflora	5	UPL	Nt P-FORB	WOOD SANDWORT
ARTCAU	5	Artemisia caudata	5	UPL	Nt B-FORB	BEACH WORMWOOD
ASCINC	4	Asclepias incarnata	-5	OBL	Nt P-FORB	SWAMP MILKWEED
ASCSYR	0	Asclepias syriaca	5	UPL	Nt P-FORB	COMMON MILKWEED
ASCTUB	7	Asclepias tuberosa	5	UPL	Nt P-FORB	BUTTERFLY WEED
ASCVER	1	Asclepias verticillata	5	UPL	Nt P-FORB	WHORLED MILKWEED

ASPOFF	*	ASPARAGUS OFFICINALIS	3	FACU	Ad P-FORB	ASPARAGUS
ASTAZU	8	Aster azureus	5	UPL	Nt P-FORB	SKY-BLUE ASTER
ASTERI	5	Aster ericoides	4	FACU-	Nt P-FORB	HEATH ASTER
ASTNOV	4	Aster novae-angliae	-3	FACW	Nt P-FORB	NEW ENGLAND ASTER
ASTPTA	10	Aster ptarmicoides	0	[FAC]	Nt P-FORB	STIFF ASTER
ASTSIS	3	Aster simplex	-5	OBL	Nt P-FORB	PANICLED ASTER
BAPLEA	8	Baptisia leucantha	2	FACU+	Nt P-FORB	WHITE WILD INDIGO
BETPAP	10	Betula papyrifera	2	FACU+	Nt TREE	PAPER BIRCH
BOECYC	2	Boehmeria cylindrica	-5	OBL	Nt P-FORB	FALSE NETTLE
BROKAL	10	Bromus kalmii	0	FAC	Nt P-GRASS	PRAIRIE BROME
BROTEC	*	BROMUS TECTORUM	5	UPL	Ad A-GRASS	DOWNY BROME
CALCAN	3	Calamagrostis canadensis	-5	OBL	Nt P-GRASS	BLUE JOINT GRASS
CALLON	5	Calamovilfa longifolia magna	5	UPL	Nt P-GRASS	SAND REED
CAMAPA	8	Campanula aparinoides	-5	OBL	Nt P-FORB	MARSH BELLFLOWER
CAMULI	10	Campanula uliginosa	-5	OBL	Nt P-FORB	MARSH BELLFLOWER
CARNUT	*	CARDUUS NUTANS	5	UPL	Ad B-FORB	MUSK THISTLE
CXAURE	9	Carex aurea	-4	FACW+	Nt P-SEDGE	GOLDEN SEDGE
CXBEBB	6	Carex bebbii	-5	OBL	Nt P-SEDGE	BEBB'S OVAL SEDGE
CXBREV	4	Carex brevior	3	[FACU]	Nt P-SEDGE	PLAINS OVAL SEDGE
CXBUXB	9	Carex buxbaumii	-5	OBL	Nt P-SEDGE	DARK-SCALED SEDGE
CXINTE	10	Carex interior	-5	OBL	Nt P-SEDGE	PRAIRIE STAR SEDGE
CXMUHL	5	Carex muhlenbergii	5	UPL	Nt P-SEDGE	SAND BRACTED SEDGE
CXPELL	4	Carex pellita	-5	OBL	Nt P-SEDGE	BROAD-LEAVED WOOLLY SEDGE
CXPENS	5	Carex pensylvanica	5	UPL	Nt P-SEDGE	COMMON OAK SEDGE
CXSART	6	Carex sartwellii	-5	[OBL]	Nt P-SEDGE	RUNNING MARSH SEDGE
CXSTRI	5	Carex stricta	-5	OBL	Nt P-SEDGE	COMMON TUSSOCK SEDGE
CXSUBE	8	Carex suberecta	-5	OBL	Nt P-SEDGE	WEDGE-FRUITED OVAL SEDGE
CXTENE	8	Carex tenera	1	[FAC-]	Nt P-SEDGE	NARROW-LEAVED OVAL SEDGE
CXTETA	9	Carex tetanica	-3	FACW	Nt P-SEDGE	COMMON STIFF SEDGE
CXUMBE	9	Carex umbellata	5	UPL	Nt P-SEDGE	EARLY OAK SEDGE
CASCOC	10	Castilleja coccinea	0	FAC	Nt A-FORB	INDIAN PAINTBRUSH
CEAAME	6	Ceanothus americanus	5	UPL	Nt SHRUB	NEW JERSEY TEA
CENLON	0	Cenchrus longispinus	5	UPL	Nt A-GRASS	SANDBUR
CENPUL	*	CENTAURIUM PULCHELLUM	4	FACU-	Ad A-FORB	SHOWY CENTAURY
CEPOCC	5	Cephalanthus occidentalis	-5	OBL	Nt SHRUB	BUTTONBUSH
CHEGLB	8	Chelone glabra	-5	OBL	Nt P-FORB	TURTLEHEAD
CICMAC	6	Cicuta maculata	-5	OBL	Nt P-FORB	WATER HEMLOCK
CINARU	5	Cinna arundinacea	-3	FACW	Nt P-GRASS	COMMON WOOD REED
CIRDIS	2	Cirsium discolor	5	UPL	Nt B-FORB	PASTURE THISTLE
CIRMUT	10	Cirsium muticum	-5	OBL	Nt B-FORB	SWAMP THISTLE
CIRVUL	*	CIRSIUM VULGARE	4	FACU-	Ad B-FORB	BULL THISTLE
CLAMAR	10	Cladium mariscoides	-5	OBL	Nt P-SEDGE	TWIG RUSH
COMUMB	7	Comandra umbellata	3	FACU	Nt P-FORB	FALSE TOADFLAX
COMCOM	*	COMMELINA COMMUNIS	0	FAC	Ad A-FORB	COMMON DAY FLOWER
COMMAC	*	CONIUM MACULATUM	-3	FACW	Ad B-FORB	POISON HEMLOCK
CONARV	*	CONVOLVULUS ARVENSIS	5	UPL	Ad P-FORB	FIELD BINDWEED
CONSEP	1	Convolvulus sepium	0	FAC	Nt P-FORB	HEDGE BINDWEED
CORLAN	5	Coreopsis lanceolata	3	FACU	Nt P-FORB	SAND COREOPSIS
CORTRP	5	Coreopsis tripteris	0	FAC	Nt P-FORB	TALL COREOPSIS
COROBL	6	Cornus obliqua	-4	FACW+	Nt SHRUB	BLUE-FRUITED DOGWOOD
CORSTO	6	Cornus stolonifera	-3	FACW	Nt SHRUB	RED-OSIER DOGWOOD
CUSGRO	4	Cuscuta gronovii	-5	[OBL]	Nt A-FORB	COMMON DODDER
CYCATR	7	Cycloloma atriplicifolium	3	FACU	Nt A-FORB	WINGED PIGWEED
CYPFER	2	Cyperus ferruginescens	-5	OBL	Nt A-SEDGE	RUSTY NUT SEDGE
CYPRIV	4	Cyperus rivularis	-4	FACW+	Nt A-SEDGE	BROOK NUT SEDGE
CYPSCH	5	Cyperus schweinitzii	5	[UPL]	Nt P-SEDGE	ROUGH SAND SEDGE
CYPSTR	1	Cyperus strigosus	-3	FACW	Nt P-SEDGE	LONG-SCALED NUT SEDGE
DAUCAR	*	DAUCUS CAROTA	5	UPL	Ad B-FORB	QUEEN ANNE'S LACE
DESCAA	4	Desmodium canadense	1	FAC-	Nt P-FORB	SHOWY TICK TREFOIL
DESPAN	6	Desmodium paniculatum	3	FACU	Nt P-FORB	PANICLED TICK TREFOIL
DESSES	8	Desmodium sessilifolium	5	UPL	Nt P-FORB	SESSILE-LEAVED TICK TREFOIL
DRYTHP	6	Dryopteris thelypteris pubescens	-5	[OBL]	CRYPTOGAM	MARSH SHIELD FERN
ECHVUL	*	ECHIUM VULGARE	5	UPL	Ad B-FORB	VIPER'S BUGLOSS
ELEELL	8	Eleocharis elliptica	-5	[OBL]	Nt P-SEDGE	GOLDEN-SEEDED SPIKE RUSH
ELEENG	9	Eleocharis engelmannii	-3	FACW	Nt A-SEDGE	ENGELMANN'S SPIKE RUSH
ELEERY	2	Eleocharis erythropoda	-5	OBL	Nt P-SEDGE	RED-ROOTED SPIKE RUSH
ELYCAN	4	Elymus canadensis	1	FAC-	Nt P-GRASS	CANADA WILD RYE
EPILEP	10	Epilobium leptophyllum	-5	OBL	Nt P-FORB	FEN WILLOW HERB
EQUARV	0	Equisetum arvense	0	FAC	CRYPTOGAM	HORSETAIL
EQUHYE	3	Equisetum hyemale	-2	FACW-	CRYPTOGAM	TALL SCOURING RUSH
EQULAE	2	Equisetum laevigatum	-3	FACW	CRYPTOGAM	SMOOTH SCOURING RUSH
ERAHYP	5	Eragrostis hypnoides	-5	OBL	Nt A-GRASS	CREEPING LOVE GRASS
ERAPOA	*	ERAGROSTIS POAEOIDES	5	UPL	Ad A-GRASS	LOW LOVE GRASS
ERASPE	3	Eragrostis spectabilis	5	UPL	Nt P-GRASS	PURPLE LOVE GRASS
ERENIE	2	Erechtites hieracifolia	3	FACU	Nt A-FORB	FIREWEED
ERICAN	0	Erigeron canadensis	1	FAC-	Nt A-FORB	HORSEWEED

ERIPUL	10	Erigeron pulchellus	3	FACU	Nt	P-FORB	ROBIN'S PLANTAIN
ERISTR	5	Erigeron strigosus	5	[UPL]	Nt	B-FORB	DAISY FLEABANE
ERIANG	10	Eriophorum angustifolium	-5	OBL	Nt	P-SEDGE	NARROW-LEAVED COTTON GRASS
ERYYUC	9	Eryngium yuccifolium	-1	FAC+	Nt	P-FORB	RATTLESNAKE MASTER
EUPALT	0	Eupatorium altissimum	3	[FACU]	Nt	P-FORB	TALL BONESET
EUPMAM	4	Eupatorium maculatum	-5	OBL	Nt	P-FORB	SPOTTED JOE PYE WEED
EUPPER	4	Eupatorium perfoliatum	-4	FACW+	Nt	P-FORB	COMMON BONESET
EUPSEM	0	Eupatorium serotinum	-1	FAC+	Nt	P-FORB	LATE BONESET
EUPCOR	2	Euphorbia corollata	5	UPL	Nt	P-FORB	FLOWERING SPURGE
FRAVIR	1	Fragaria virginiana	1	FAC-	Nt	P-FORB	WILD STRAWBERRY
GALOBT	5	Galium obtusum	-4	FACW+	Nt	P-FORB	WILD MADDER
GERCAR	3	Geranium carolinianum	5	UPL	Nt	A-FORB	CAROLINA CRANESBILL
GLETRI	2	Gleditsia triacanthos	0	FAC	Nt	TREE	HONEY LOCUST
GLYSTR	4	Glyceria striata	-3	[FACW]	Nt	P-GRASS	FOWL MANNA GRASS
HABFLH	10	Habenaria flava herbiola	-3	FACW	Nt	P-FORB	TUBERCLED ORCHID
HELDIV	5	Helianthus divaricatus	5	UPL	Nt	P-FORB	WOODLAND SUNFLOWER
HELGRO	2	Helianthus grosseserratus	-2	FACW-	Nt	P-FORB	SAWTOOTH SUNFLOWER
HELOCC	10	Helianthus occidentalis	4	FACU-	Nt	P-FORB	WESTERN SUNFLOWER
HELHEL	5	Heliopsis helianthoides	5	UPL	Nt	P-FORB	FALSE SUNFLOWER
HIECAF	6	Hieracium canadense fasciculatum	5	UPL	Nt	P-FORB	CANADA HAWKWEED
HYPVIF	8	Hypericum virginicum fraseri	-5	OBL	Nt	P-FORB	MARSH ST. JOHN'S WORT
HYPHIR	9	Hypoxis hirsuta	0	FAC	Nt	P-FORB	YELLOW STAR GRASS
IMPCAP	3	Impatiens capensis	-3	FACW	Nt	A-FORB	ORANGE JEWELWEED
IMPPAL	6	Impatiens pallida	-1	[FAC+]	Nt	A-FORB	YELLOW JEWELWEED
IRIVIS	5	Iris virginica shrevei	-5	OBL	Nt	P-FORB	BLUE FLAG
JUNALU	7	Juncus alpinus	-5	OBL	Nt	P-FORB	RICHARDSON'S RUSH
JUNBAL	6	Juncus balticus littoralis	-3	[FACW]	Nt	P-FORB	LAKE SHORE RUSH
JUNDUD	4	Juncus dudleyi	0	[FAC]	Nt	P-FORB	DUDLEY'S RUSH
JUNNOO	6	Juncus nodosus	-5	OBL	Nt	P-FORB	JOINT RUSH
JUNTEN	0	Juncus tenuis	2	[FACU+]	Nt	P-FORB	PATH RUSH
JUNTOR	4	Juncus torreyi	-3	FACW	Nt	P-FORB	TORREY'S RUSH
KOECRI	7	Koeleria cristata	5	UPL	Nt	P-GRASS	JUNE GRASS
KRIBIF	7	Krigia biflora	3	FACU	Nt	P-FORB	FALSE DANDELION
LACCAN	2	Lactuca canadensis	2	FACU+	Nt	B-FORB	WILD LETTUCE
LACSER	*	LACTUCA SERRIOLA	0	FAC	Ad	B-FORB	PRICKLY LETTUCE
LATPAM	6	Lathyrus palustris myrtifolius	-3	FACW	Nt	P-FORB	MARSH VETCHLING
LESCAP	4	Lespedeza capitata	3	FACU	Nt	P-FORB	ROUND-HEADED BUSH CLOVER
LIAASP	6	Liatris aspera	5	UPL	Nt	P-FORB	ROUGH BLAZING STAR
LIACYL	8	Liatris cylindracea	5	UPL	Nt	P-FORB	CYLINDRICAL BLAZING STAR
LIASPI	6	Liatris spicata	0	FAC	Nt	P-FORB	MARSH BLAZING STAR
LILPHA	10	Lilium philadelphicum andinum	1	FAC-	Nt	P-FORB	PRAIRIE LILY
LIPLIL	6	Liparis lilifolia	4	FACU-	Nt	P-FORB	PURPLE TWAYBLADE
LITCAN	8	Lithospermum canescens	5	UPL	Nt	P-FORB	HOARY PUCCOON
LITCRO	8	Lithospermum croceum	5	UPL	Nt	P-FORB	HAIRY PUCCOON
LOBSIP	6	Lobelia siphilitica	-4	FACW+	Nt	P-FORB	GREAT BLUE LOBELIA
LOBSPS	6	Lobelia spicata	0	FAC	Nt	P-FORB	PALE SPIKED LOBELIA
LONTAT	*	LONICERA TATARICA	5	[UPL]	Ad	SHRUB	TARTARIAN HONEYSUCKLE
LONMUE	*	LONICERA X MUENDENIENSIS	5	UPL	Ad	SHRUB	COMMON FLY HONEYSUCKLE
LUPPEO	7	Lupinus perennis occidentalis	5	UPL	Nt	P-FORB	WILD LUPINE
LYCALB	*	LYCHNIS ALBA	5	UPL	Ad	A-FORB	WHITE CAMPION
LYCAME	5	Lycopus americanus	-5	OBL	Nt	P-FORB	COMMON WATER HOREHOUND
LYCASP	1	Lycopus asper	-3	[FACW]	Nt	P-FORB	ROUGH WATER HOREHOUND
LYSLAN	7	Lysimachia lanceolata	0	FAC	Nt	P-FORB	LANCE-LEAVED LOOSESTRIFE
LYSQUR	9	Lysimachia quadriflora	-5	OBL	Nt	P-FORB	NARROW-LEAVED LOOSESTRIFE
LYSQUL	10	Lysimachia quadrifolia	5	UPL	Nt	P-FORB	WHORLED LOOSESTRIFE
LYSTER	8	Lysimachia terrestris	-5	OBL	Nt	P-FORB	SWAMP CANDLES
LYTALA	7	Lythrum alatum	-5	OBL	Nt	P-FORB	WINGED LOOSESTRIFE
LYTSAL	*	LYTHRUM SALICARIA	-5	OBL	Ad	P-FORB	PURPLE LOOSESTRIFE
MAICAI	8	Maianthemum canadense interius	5	[UPL]	Nt	P-FORB	
MALIOE	3	Malus. ioensis	5	UPL	Nt	TREE	IOWA CRAB
MEDLUP	*	MEDICAGO LUPULINA	1	FAC-	Ad	A-FORB	BLACK MEDICK
MELALB	*	MELILOTUS ALBA	3	FACU	Ad	B-FORB	WHITE SWEET CLOVER
MENARV	5	Mentha arvensis villosa	-5	[OBL]	Nt	P-FORB	WILD MINT
MONFIS	4	Monarda fistulosa	3	FACU	Nt	P-FORB	WILD BERGAMOT
MONPUN	5	Monarda punctata	5	UPL	Nt	P-FORB	HORSE MINT
MUHMEX	5	Muhlenbergia mexicana	-3	FACW	Nt	P-GRASS	LEAFY SATIN GRASS
NEPCAT	*	NEPETA CATARIA	1	FAC-	Ad	P-FORB	CATNIP
OENBIE	0	Oenothera biennis	3	FACU	Nt	B-FORB	COMMON EVENING PRIMROSE
ONOSEN	8	Onoclea sensibilis	-3	FACW		CRYPTOGAM	SENSITIVE FERN
OPUHUM	5	Opuntia humifusa	5	UPL	Nt	SHRUB	EASTERN PRICKLY PEAR
OSMRES	8	Osmunda regalis spectabilis	-5	OBL		CRYPTOGAM	ROYAL FERN
OXYRIG	7	Oxypolis rigidior	-5	OBL	Nt	P-FORB	COWBANE
PANIMP	2	Panicum implicatum	1	FAC-	Nt	P-GRASS	OLD-FIELD PANIC GRASS
PANOLS	4	Panicum oligosanthes scribnerianum	3	[FACU]	Nt	P-GRASS	SCRIBNER'S PANIC GRASS
PANVIR	5	Panicum virgatum	-1	FAC+	Nt	P-GRASS	SWITCH GRASS
PARINS	1	Parthenocissus inserta	3	FACU	Nt	W-VINE	THICKET CREEPER

PARQUI	2	Parthenocissus quinquefolia	1	FAC-	Nt	W-VINE	VIRGINIA CREEPER
PEDCAN	9	Pedicularis canadensis	2	FACU+	Nt	P-FORB	WOOD BETONY
PEDLAN	9	Pedicularis lanceolata	-5	[OBL]	Nt	P-FORB	FEN BETONY
PHAARU	*	PHALARIS ARUNDINACEA	-4	FACW+	Ad	P-GRASS	REED CANARY GRASS
PHLPIF	7	Phlox pilosa	-1	FAC+	Nt	P-FORB	PRAIRIE PHLOX
PHRAUS	1	Phragmites australis	-4	FACW+	Nt	P-GRASS	COMMON REED
PHYHET	3	Physalis heterophylla	5	UPL	Nt	P-FORB	CLAMMY GROUND CHERRY
PHYVIV	6	Physostegia virginiana	-5	[OBL]	Nt	P-FORB	OBEDIENT PLANT
PLARUG	0	Plantago rugelii	0	FAC	Nt	A-FORB	RED-STALKED PLANTAIN
POACOM	*	POA COMPRESSA	2	FACU+	Ad	P-GRASS	CANADA BLUE GRASS
POAPRA	*	POA PRATENSIS	1	FAC-	Ad	P-GRASS	KENTUCKY BLUE GRASS
POLCAL	3	Polygonatum canaliculatum	3	FACU	Nt	P-FORB	SMOOTH SOLOMON'S SEAL
POLAMS	4	Polygonum amphibium stipulaceum	-5	OBL	Nt	P-FORB	WATER KNOTWEED
POLPUN	6	Polygonum punctatum	-5	OBL	Nt	A-FORB	SMARTWEED
POPDEL	2	Populus deltoides	-1	FAC+	Nt	TREE	EASTERN COTTONWOOD
POPTRE	4	Populus tremuloides	0	FAC	Nt	TREE	QUAKING ASPEN
PRERAC	8	Prenanthes racemosa	-3	FACW	Nt	P-FORB	GLAUCOUS WHITE LETTUCE
PRUVLA	0	Prunella vulgaris lanceolata	3	[FACU]	Nt	P-FORB	SELF HEAL
PRUSER	1	Prunus serotina	3	FACU	Nt	TREE	WILD BLACK CHERRY
PRUVIR	3	Prunus virginiana	3	[FACU]	Nt	SHRUB	CHOKE CHERRY
PTEAQL	5	Pteridium aquilinum latiusculum	3	FACU		CRYPTOGAM	BRACKEN FERN
PYCVIR	5	Pycnanthemum virginianum	-4	FACW+	Nt	P-FORB	COMMON MOUNTAIN MINT
QUEALB	5	Quercus alba	0	FAC	Nt	TREE	WHITE OAK
QUECOC	4	Quercus coccinea	5	UPL	Nt	TREE	SCARLET OAK
QUEVEL	6	Quercus velutina	5	UPL	Nt	TREE	BLACK OAK
RATPIN	4	Ratibida pinnata	5	UPL	Nt	P-FORB	YELLOW CONEFLOWER
RHACAT	*	RHAMNUS CATHARTICA	3	FACU	Ad	SHRUB	COMMON BUCKTHORN
RHAFRA	*	RHAMNUS FRANGULA	-1	FAC+	Ad	SHRUB	GLOSSY BUCKTHORN
RHUARM	10	Rhus aromatica	5	UPL	Nt	SHRUB	FRAGRANT SUMAC
RHUCOL	6	Rhus copallina latifolia	5	UPL	Nt	SHRUB	SHINING SUMAC
RHURAD	2	Rhus radicans	-1	FAC+	Nt	W-VINE	POISON IVY
RHUTYP	1	Rhus typhina	5	UPL	Nt	TREE	STAGHORN SUMAC
RIBAME	7	Ribes americanum	-3	FACW	Nt	SHRUB	WILD BLACK CURRANT
RORPAF	4	Rorippa palustris fernaldiana	-5	OBL	Nt	A-FORB	MARSH CRESS
ROSCAR	5	Rosa carolina	4	FACU-	Nt	SHRUB	PASTURE ROSE
ROSMUL	*	ROSA MULTIFLORA	3	FACU	Ad	SHRUB	MULTIFLORA ROSE
RUBFLA	3	Rubus flagellaris	4	FACU-	Nt	SHRUB	COMMON DEWBERRY
RUDHIR	1	Rudbeckia hirta	3	FACU	Nt	P-FORB	BLACK-EYED SUSAN
SALAMY	5	Salix amygdaloides	-3	FACW	Nt	TREE	PEACH-LEAVED WILLOW
SALDIS	2	Salix discolor	-3	FACW	Nt	SHRUB	PUSSY WILLOW
SALGLU	7	Salix glaucophylloides	-3	FACW	Nt	SHRUB	BLUE-LEAVED WILLOW
SALHUM	6	Salix humilis	3	FACU	Nt	SHRUB	PRAIRIE WILLOW
SALINT	1	Salix interior	-5	OBL	Nt	SHRUB	SANDBAR WILLOW
SAMCAN	1	Sambucus canadensis	-2	FACW-	Nt	SHRUB	ELDERBERRY
SAPOFF	*	SAPONARIA OFFICINALIS	3	FACU	Ad	P-FORB	BOUNCING BET
SASALB	3	Sassafras albidum	3	FACU	Nt	TREE	SASSAFRAS
SCIPUN	5	Scirpus pungens	-5	OBL	Nt	P-SEDGE	CHAIRMAKER'S RUSH
SCIVAC	5	Scirpus validus creber	-5	OBL	Nt	P-SEDGE	GREAT BULRUSH
SCRLAN	5	Scrophularia lanceolata	-1	FAC+	Nt	P-FORB	EARLY FIGWORT
SCUEPI	5	Scutellaria epilobiifolia	-5	OBL	Nt	P-FORB	MARSH SKULLCAP
SCULAT	5	Scutellaria lateriflora	-5	OBL	Nt	P-FORB	MAD-DOG SKULLCAP
SELAPO	10	Selaginella apoda	-4	FACW+		CRYPTOGAM	MARSH CLUB MOSS
SILANT	1	Silene antirrhina	5	UPL	Nt	A-FORB	SLEEPY CATCHFLY
SILIND	5	Silphium integrifolium deamii	5	UPL	Nt	P-FORB	DEAM'S ROSIN WEED
SISALB	7	Sisyrinchium albidum	3	FACU	Nt	P-FORB	COMMON BLUE-EYED GRASS
SMIRAC	3	Smilacina racemosa	3	FACU	Nt	P-FORB	FEATHERY FALSE SOLOMON'S SEAL
SMISTE	5	Smilacina stellata	1	FAC-	Nt	P-FORB	STARRY FALSE SOLOMON'S SEAL
SMILAS	5	Smilax lasioneura	5	[UPL]	Nt	H-VINE	COMMON CARRION FLOWER
SMITAM	5	Smilax tamnoides hispida	5	UPL	Nt	W-VINE	BRISTLY CAT BRIER
SOLDUL	*	SOLANUM DULCAMARA	0	FAC	Ad	W-VINE	BITTERSWEET NIGHTSHADE
SOLALT	1	Solidago altissima	3	FACU	Nt	P-FORB	TALL GOLDENROD
SOLGIG	4	Solidago gigantea	-3	FACW	Nt	P-FORB	LATE GOLDENROD
SOLGRM	3	Solidago graminifolia nuttallii	0	[FAC]	Nt	P-FORB	HAIRY GRASS-LEAVED GOLDENROD
SOLNEM	4	Solidago nemoralis	5	UPL	Nt	P-FORB	OLD-FIELD GOLDENROD
SOLRID	7	Solidago riddellii	-5	OBL	Nt	P-FORB	RIDDELL'S GOLDENROD
SOLSEM	*	SOLIDAGO SEMPERVIRENS	3	[FACU]	Ad	P-FORB	SEASIDE GOLDENROD
SOLSPE	7	Solidago speciosa	5	UPL	Nt	P-FORB	SHOWY GOLDENROD
SORNUT	5	Sorghastrum nutans	2	FACU+	Nt	P-GRASS	INDIAN GRASS
SPAPEC	4	Spartina pectinata	-4	FACW+	Nt	P-GRASS	PRAIRIE CORD GRASS
SPIALB	7	Spiraea alba	-4	FACW+	Nt	SHRUB	MEADOWSWEET
STISPA	7	Stipa spartea	5	UPL	Nt	P-GRASS	PORCUPINE GRASS
TAROFF	*	TARAXACUM OFFICINALE	3	FACU	Ad	P-FORB	COMMON DANDELION
TEPVIR	8	Tephrosia virginiana	5	UPL	Nt	P-FORB	GOAT'S RUE
TRAOHI	2	Tradescantia ohiensis	2	FACU+	Nt	P-FORB	COMMON SPIDERWORT
TRADUB	*	TRAGOPOGON DUBIUS	5	UPL	Ad	B-FORB	SAND GOAT'S BEARD
TYPANG	1	Typha angustifolia	-5	OBL	Nt	P-FORB	NARROW-LEAVED CATTAIL

TYPLAT	1 Typha latifolia	-5 OBL	Nt	P-FORB	BROAD-LEAVED CATTAIL
VERTHA	* VERBASCUM THAPSUS	5 UPL	Ad	B-FORB	COMMON MULLEIN
VERHAS	4 Verbena hastata	-4 FACW+	Nt	P-FORB	BLUE VERVAIN
VERSTR	4 Verbena stricta	5 UPL	Nt	P-FORB	HOARY VERVAIN
VITRIP	2 Vitis riparia	-2 FACW-	Nt	W-VINE	RIVERBANK GRAPE
ZIZAUR	7 Zizia aurea	-1 FAC+	Nt	P-FORB	GOLDEN ALEXANDERS

INDIANA DEPARTMENT OF NATURAL RESOURCES

PATRICK R. RALSTON, DIRECTOR

Division of Historic Preservation
and Archaeology
402 W. Washington St., Rm. 274
Indianapolis, Indiana 46204
317-232-1646

May 16, 1996

Willie H. Harris, Chief
Program Management Branch
Waste, Pesticides, and Toxics Division
U.S. Environmental Protection Agency, Region 5
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

Dear Mr. Harris:

We have reviewed the proposed partial remedy for hazardous waste contamination at USS Lead Refinery at 5300 Kennedy Avenue in East Chicago, Lake County, Indiana.

No known historical, architectural, or archaeological sites listed in or eligible for inclusion in the National Register of Historic Places will be affected by this project.

If any archaeological artifacts or human remains are uncovered during construction, federal law and regulations (16 USC 470, et seq.; 36 CFR 800.11, et al.) and, additionally, state law (Indiana Code 14-21-1), require that work must stop and that the discovery must be reported to the Division of Historic Preservation and Archaeology within two (2) business days.

We appreciate the opportunity to be of service.

Very truly yours,

Daniel Fogerty

Patrick R. Ralston
State Historic Preservation Officer

PRR:SBH:MMD:smg

"EQUAL OPPORTUNITY EMPLOYER"

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF:

DR-7J

MAY 13 1996

Dear Interested Party:

The United States Environmental Protection Agency (U.S. EPA) is accepting comments on a proposed partial remedy for hazardous waste contamination at U.S.S. Lead Refinery, Inc. (USS Lead), and also will be holding a public hearing on such proposed partial remedy. USS Lead is a hazardous waste management facility located at 5300 Kennedy Avenue, East Chicago, Lake County, Indiana. The proposed partial remedy includes the U.S. EPA's designation of a Corrective Action Management Unit (CAMU) at the facility.

The new public comment period will be held from May 20, 1996, until June 25, 1996, to accept comments from area residents, public officials, and others interested in the site. The public hearing will be held on June 20, 1996, at Riley Park Community Center, 1005 E. Chicago Avenue, East Chicago, from 6:30 p.m. to 8:30 p.m. This new public comment period and public hearing are being offered by U.S. EPA in response to requests made by commenters during a previous comment period that ended April 24, 1996. Written comments received during both the previous and the new comment periods, as well as oral comments received at the public hearing, will be considered.

U.S. EPA has issued a Statement of Basis (SB) as part of its public participation responsibilities under the Resources Conservation and Recovery Act (RCRA). The SB summarizes information on the remedial alternatives and the proposed partial remedy. Additional details on the evaluated alternatives and the proposed partial remedy can be found in the Interim Stabilization Measures Workplan and other documents found in the Administrative Record file for this facility. U.S. EPA encourages the public to review these documents.

Before taking final action, the U.S. EPA, Region 5, will give full consideration to all public comments pertaining to the proposed partial remedy as specified in Title 40 of the Code of Federal Regulations (40 CFR) Part 124 and Part 264.552.

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Enclosed for your information, is a copy of the Public Notice that will appear on May 17, 1996, in the Gary Post-Tribune, Gary, Indiana, and a copy of the SB.

Please contact Ms. Terri J. Wilson, of my staff, at (312) 886-4188, if you have any questions, or are in need of further assistance.

Sincerely,

Willie H. Harris

Willie H. Harris, Chief
Program Management Branch
Waste, Pesticides, and Toxics Division

Enclosures

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

APR 19 1996

CERTIFIED MAIL
RETURNED RECEIPT REQUESTED

REPLY TO THE ATTENTION OF:
DRE-8J

Non-Responsive PII

Dear Non-Responsive PII

This is in response to your letter dated April 8, 1996, providing written comment and inquiries, regarding the Statement of Basis (SB) for the proposed Corrective Action Management Unit for U.S.S. Lead Refinery Inc., East Chicago, Indiana.

We have taken your comments into consideration and will address them in our Response to Comments (RTC). With regards to your inquiries, many of the answers to your questions can be found in the Interim Stabilization Workplan and the Administrative Record, which are available for public view as indicated in the Public Notice (PN) earlier mailed to you. We are enclosing an additional copy of the PN for your convenience. Also, we are enclosing a copy of a document entitled "Inspection Report of Hammond Lead and USS Lead Refining Soil Survey" dated October 15, 1985. This document will answer most of the questions from your inquiry regarding the nineteen lead soil samples that were taken in areas surrounding the facility as indicated in the SB.

Although you will be granted a public hearing at which you may make a statement with your comments on the CAMU designation, yours was the only written comment submitted during the comment period, and was the only request for a public meeting. If you are therefore interested in resolving your questions in a manner short of a public meeting, you may withdraw your request for a public hearing and contact me at (312) 886-7567, and I would be happy to address any remaining questions you may have. If, on the other hand, you do not wish to withdraw your request for a public hearing, U.S. EPA will proceed to schedule a hearing. In either case, please contact me so that I can address any further inquiries or proceed with the hearing process.

Sincerely yours,

Mirtha Capiro
Waste, Pesticides, and Toxics Division

Enclosures

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DEPARTMENT OF THE ARMY
DETROIT DISTRICT, CORPS OF ENGINEERS
BOX 1027
DETROIT, MICHIGAN 48231-1027

April 16, 1996

RECEIVED
APR 22 1996
OFFICE OF RCRA
WASTE MANAGEMENT DIVISION
EPA, REGION V

IN REPLY REFER TO

Construction-Operations Division
Regulatory Branch
File No. 94-073-003-0E

U.S. Environmental Protection Agency
Region 5
ATTN: Ms. Mirtha Capiro
77 West Jackson Boulevard
Chicago, Illinois 60604

Dear Ms. Capiro:

This letter is in response to the Statement of Basis (SB), dated March 25, 1996, for the proposed remedy for hazardous waste contamination at U.S.S. Lead Refinery, Inc. (USS Lead), located at 5300 Kennedy Avenue, East Chicago, Lake County, Indiana. It is our understanding that this SB is the result of the Consent Agreement between the Environmental Protection Agency (EPA) and USS Lead in an attempt to rectify the existing violations.

The following comments and concerns are provided in regards to the SB and the proposed cleanup of hazardous materials:

1. The proposed remedy does not incorporate all the conditions stated in Department of the Army Permit No. 94-073-003-0 which was issued on March 27, 1995. The permit authorizes the discharge of fill material into wetlands adjacent to the Grand Calumet River for the cleanup of hazardous and toxic waste. The purpose of this fill material is to create an earthen berm around the impacted wetlands, thus containing the contaminated sediments. The permit also states that an acceptable revegetation plan for the impacted wetlands was required to compensate for the existing impacts. This plan was prepared by Entact, Inc., and received on April 7, 1995.

This office will be monitoring the violation site to ensure compliance with the permit conditions. It is therefore suggested that the EPA incorporate these permit requirements as a condition of the SB, thus avoiding additional impacts and noncompliance of Permit No. 94-073-003-0. Currently, the Revegetation Plan and Specifications are referenced in Alternative 1 but do not appear in Alternatives 2 or 3. These conditions are required to minimize impacts to the waters of the United States and will be required regardless of which alternative is selected.

2. The recommended alternative referenced in the SB involves the partial removal, consolidation, and on-site disposal of hazardous materials identified at USS Lead (Alternative 1). The materials will be stored in a Corrective Action Management Unit (CAMU), comprising anywhere from seven to 14 acres of a 79 acre site.

The Corps' main concern with this alternative is the on-site storage of hazardous materials. Attachment D of the SB shows the CAMU adjacent to 39.8 acres of fringe wetlands that have been identified on-site. These wetlands act as a buffer between USS Lead and the Grand Calumet River and are already impacted by the discharge of fill material and presence of toxic chemicals. The additional impacts that may result from the incidental leaching of the proposed CAMU into the aquatic areas makes this an undesirable alternative. It appears that removing the hazardous materials from the contaminated areas would be the logical selection in rectifying the violation.

The SB references two Partial Interim Agreed Orders between USS Lead and the Indiana Department of Environmental Management (IDEM) in the summer of 1992. In both cases, the contaminated material of concern was removed from the site, treated, and stored at an off-site hazardous waste landfill. Realizing IDEM's decision to have the contaminated material removed from the site, it is unclear as to why the EPA is proposing to store the materials on-site. It appears that cost is a key factor for recommending Alternative 1, but health concerns may be better served if one of the other alternatives was chosen.

Currently, the SB indicates that Alternative 1 is preferred because it would provide the greatest improvement to the environment over the shortest period of time. It should be noted; however, that all three of the proposed alternatives have a completion date of one to two years. In fact, you stated that Alternative 3 would be completed in one year. Based on these time frames, it is apparent that the toxins at USS Lead would be partially contained in approximately two years regardless of the alternative chosen. The SB should clearly explain the decision for choosing Alternative 1 as the preferred method for cleanup at USS Lead.

3. All three of the alternatives listed indicate that this is a partial remedy for the hazardous materials at USS Lead. The goal at this time is to contain the lead concentrations present in the sediment and water column. The SB indicates that additional interim stabilization measures (ISM) will be implemented once the partial remedy is completed at the site, but

no proposed cleanup date has been given. Realizing that USS Lead has been in violation for over ten years, it would be beneficial to include some form of time frame in which to monitor restoration of the site. To our knowledge, containment of the hazardous materials on the site has not begun even though USS Lead signed the Consent Order with the EPA on November 18, 1993.

4. The SB states that the site would be monitored for 30 years if Alternative 1 is selected. Health and environmental concerns warrant a 30 year monitoring period regardless of the corrective measure chosen. It is therefore recommended that the uplands, wetlands, and Grand Calumet River be sampled for a minimum of 30 years to adequately monitor the effectiveness of the cleanup and determine if any residual toxins are leaching into the water column.

Thank you for giving us the opportunity to comment on the SB. Should you have any questions, please contact Bill Seib, Project Manager, at the above address or telephone (313) 226-7712. Please refer to File Number: 94-073-003-0E.

Sincerely,

Gary R. Mannesto

Gary R. Mannesto
Chief, Regulatory Branch
Construction-Operations Division

DEPARTMENT OF THE ARMY
DETROIT DISTRICT, CORPS OF ENGINEERS
BOX 1027
DETROIT, MICHIGAN 48231-1027

April 16, 1996

RECEIVED
APR 17 1996
OFFICE OF RCRA
WASTE MANAGEMENT DIVISION
EPA REGION V

IN REPLY REFER TO

Construction-Operations Division
Regulatory Branch
File No. 94-073-003-0E

U.S. Environmental Protection Agency
Region 5
ATTN: Ms. Mirtha Capiro
77 West Jackson Boulevard
Chicago, Illinois 60604

Dear Ms. Capiro:

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Thank you for giving us the opportunity to comment on the SB. Should you have any questions, please contact Bill Seib, Project Manager, at the above address or telephone (313) 226-7712. Please refer to File Number: 94-073-003-0E.

Sincerely,

Gary R. Mannesto
Chief, Regulatory Branch
Construction-Operations Division

SWIDLER & BERLIN
CHARTERED

April 24, 1996

Via Facsimile

Ms. Mirtha Capiro
Enforcement and Compliance Assurance Branch
U.S. Environmental Protection Agency
Region V
77 West Jackson Blvd., DRE-8J
Chicago, Illinois 60604

Re: Comments of U.S.S. Lead Refinery, Inc. on EPA Statement of Basis for U.S.S. Lead Refinery, Inc. EPA I.D. No. IND 047 030 226, East Chicago, Indiana

Dear Ms. Capiro:

On behalf of U.S.S. Lead Refinery, Inc. ("U.S.S. Lead" or the "Company"), this letter provides the Environmental Protection Agency ("EPA") with the Company's comments on the above-captioned Statement of Basis.

U.S.S. Lead supports the Statement of Basis issued by EPA, and looks forward to receiving the Agency's final approval of the Interim Stabilization Measures Workplan ("ISM Workplan," Revision 3, Volumes I, II, and III (Feb. 7, 1996), as amended by correspondence of Feb. 19, 1996 and Mar. 6, 1996, in response to EPA requests)). Upon receiving final EPA approval, U.S.S. Lead will initiate a removal action at the U.S.S. Lead Site in accordance with the ISM Workplan.

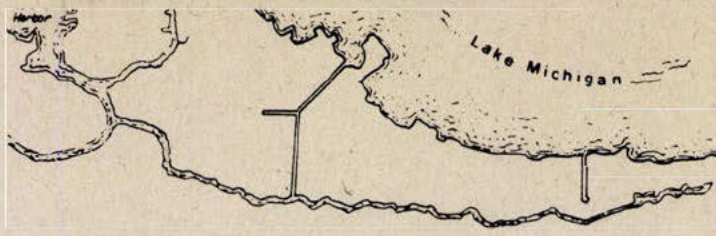
U.S.S. Lead appreciates the opportunity to submit these comments. Any questions regarding this letter may be addressed to Non-Responsive PII [redacted]

Sincerely,

Non-Responsive PII [redacted]

cc: Non-Responsive PII [redacted]

3000 K STREET, N.W. ▪ SUITE 300
WASHINGTON, D.C. 20007-5116
(202)424-7500 ▪ TELEX 701131 ▪ FACSIMILE (202)424-7643



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APR 26 1996
OFFICE OF RCRA
WASTE MANAGEMENT DIVISION
EPA REGION V

GRAND CAL TASK FORCE

at Calumet College

2400 New York Avenue • Suite 303 • Whiting, Indiana 46394
Phone 219-473-4246 • FAX 219-473-4288

® 527

April 23, 1996

U. S. Environmental Protection Agency
Region 5
Attn: Mirtha Capiro (DRE-BJ)
77 West Jackson Blvd
Chicago, Illinois 60604

Dear Ms. Capiro,

The Grand Calumet Task Force is a community environmental organization working for the clean up and restoration of the Grand Calumet River and surrounding ecosystem in Northwest Indiana. Our organization is commenting in response to Public Notice IND 047 030 226 concerning the U.S. S. Lead Refinery, Inc. in East Chicago, In.

We are requesting that a public meeting regarding this facility be held at Riley Park Community Center in East Chicago and that the meeting be scheduled in the evening. We are requesting that the USEPA

- **make a presentation to the public on the U.S. S. Lead facility and the remedial options at this meeting**

and

- **answer questions and accept comments from those in attendance.**

We are further requesting, that due to the importance of this facility in regard to the extent of contamination and its effect on the immediate area of the Grand Calumet River and the surrounding community,

- **that the <u>comment period be extended</u> to include comments and recommendations from area residents and interested parties arising from the requested public meeting.**

After more than ten years of negotiation, study, and interim activities, it is appropriate that the community and advocacy groups not previously included in this process would have more than one month to comment and educate themselves on the extent of environmental and community damage and potential alternatives for remedial measures.

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After a summary review of the Statement of Basis, I would ask that the EPA consider on-site treatment and reduction of toxicity of wastes before on-site disposal in the CAMU. It would also appear that there is significant exposure to lead soils in the residential community to the North of the facility. The expanded study and clean up of impacted residential areas should take place immediately.

It is impossible without an extension of the comment period for us to further evaluate the U.S. S. Lead proposed partial remedy. It would be most unfortunate and unresponsive to the public need if a public meeting and extension of the comment period were not granted. Over the past few years our office has received many phone calls asking us about this site and what is going on there. This is the first opportunity for the public to receive information and communicate their concerns and recommendations. We will assist in communicating information on the public meeting to the surrounding community should you choose to hold one.

Thank you for this opportunity to comment and please inform us as to your decision.

Sincerely,

Non-Responsive PII

[redacted]

Executive Director

Non-Responsive PII

IND 047 030 226

8 April 1996

Mirtha Capiro, DRE-8J
EPA, RCRA/CAMU Permitting
77 West Jackson Boulevard
Chicago, Illinois 60604

Certified Z 276 251 158

Dear Ms. Capiro:

This is written comment and inquiry in re the Statement of Basis ("SB") sent under a Willie H. Harris cover letter rubber stamped MAR 25 1996 for the proposed U.S.S. Lead Refinery, Inc. ("site") Corrective Action Management Unit ("CAMU").

In re SB page 5: Please identify the 19 Lake County locations that were soil-sampled for lead ("Pb") on July 30, 31, and August 1, 1995 both by common street address and by Cartesian coordinates. What was the actual analyzed Pb concentrations for each? For what depth of soil is this average applicable? Were the owners of the land of the 19 locations given the analysis? Did any of the parcels appear to be habituated by humans at the date of sampling? If the residents were renting or leasing, describe the effort that the EPA did to communicate to them the results of the sampling. How were the 19 locations chosen? Were they chosen in re this matter? Were they chosen as a general Pb survey of Lake County? What was done in the way of notification to all owners, lessors, and renters of parcels contiguous to the parcels on which the samples were taken of the analyzed results?

Using (and describing) the EPA's "normal" standards for soil surface depth and "average" soil density, translate the Pb soil level of 11,000 mg/kg into an amount of Pb in pounds per acre of surface soil area. The way I see this is that it is about 20,000 pounds of Pb per acre based on an assumption of a soil density of 1.34 and a proposed 6 inch depth. Would it be fair to say that you found more than 10 tons of Pb per "surface" soil acre area at 6 of 19 sampled Lake County locations?

In re the 1993 X-Ray Fluorescence survey. The 50 foot grid and 25 acre parameters lead to a conclusion that there are more than 300 data points. Provide a map showing the location and the analyzed Pb value for each point.

In re SB page 8 "Off-site contamination ... approval.": How much acreage has been approved? What is the average depth of removal? Who will pay to bring in replacement soil? Will the replacement be equal in depth to what is removed? What is the minimum Pb soil level necessary to qualify for removal? What standard of proof is proposed to be demanded by the EPA from the off-site land owners that the contamination came from site operations?

In re the proposed CAMU, and specifically to matters on SB page 8: Obviously the EPA proposes to use existing law to exempt itself from the Resource Conservation and Recovery Act ("RCRA") land disposal restrictions ("LDR"). This is wrong. There is reason of why there are LDR. There is reason of why non-LDR wastes must be stabilized prior to their being placed into a RCRA

"Subtitle C" ("C") double lined landfill. In re this matter, the EPA proposes to set aside all of that reason. An industry that generates such waste and that is responsible seeks out a private industry to comply with the stringent law and properly manage its waste. In re this matter, the EPA proposes the cheapest option. While not stated in the SB, clearly in re this matter, it is obvious that cost was the only parameter of concern.

Dilution is not the solution to pollution. All materials on the site that are lawfully classified as hazardous waste should be treated as such to the full extent of the law in that they should be removed, treated, and the residuals placed into C facilities as appropriate. Equal treatment should be given to the off-site lands reasonably contaminated by previous operations at the site.

Pb does not naturally occur in the surface soils of Lake County Indiana at amounts of 10 tons per acre. The only way it got there is because a series of negligent governments inclusive of the U.S. and the State of Indiana knowingly permitted it to be deposited there. These governments allowed this to happen over a long period of time--it did not occur in an "accidental" single event. These governments have a responsibility to clean up the environmental mess that is the result of actions that they authorized.

No private industry could lawfully bury hazardous waste that does not meet LDR in an unlined landfill. There is no reason whatsoever for the U.S. Government to exempt itself from these technical requirements at this or any similar site.

Two waste streams, one generated by a lawful industry, one, wastes "found" or owned by a government, both having substantially identical toxic and physical (solubility) characteristics, should, within the same country, be treated and disposed of in a substantially identical manner. It is not moral or just to discriminate in this matter.

I request that a public hearing with 40 CFR 124(b)(2) notice be held on this matter after you provide answers to my above questions in accordance with 40 CFR 124.13.

Truly,

Non-Responsive PII

[redacted]

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF:

DR-7J

MAR 25 1996

Dear Interested Party:

The United States Environmental Protection Agency (U.S. EPA) is accepting comments on a proposed partial remedy for hazardous waste contamination at U.S.S. Lead Refinery, Inc. (USS Lead), a hazardous waste management facility located at 5300 Kennedy Avenue, East Chicago, Lake County, Indiana. The proposed partial remedy will include the U.S. EPA's designation of a Corrective Action Management Unit (CAMU) at the facility.

U.S. EPA is issuing a Statement of Basis (SB) as part of its public participation responsibilities under the Resources Conservation and Recovery Act (RCRA).

The SB summarizes information that can be found in greater detail in the Interim Stabilization Measures Workplan and other documents found in the Administrative Record file for this facility. U.S. EPA encourages the public to review these documents. A public comment period will be held from March 26, 1996, until April 24, 1996, to accept comments from area residents, public officials, and others interested in the site. If a public meeting is requested, the Agency will publish a newspaper notice of the meeting prior to holding the meeting. This meeting would be to discuss the proposed partial remedy and accept additional comments from interested parties.

Before taking final action, the U.S. EPA, Region 5, will give full consideration to all public comments pertaining to the proposed SB as specified in Title 40 of the Code of Federal Regulations (40 CFR) Part 124 and Part 264.552.

Enclosed for your information, is a copy of the Public Notice that appeared on March 25, 1996, in the Gary Post-Tribune, Gary, Indiana, and the SB containing the summary on the proposed partial remedy.

Please contact Ms. Martha Y. Robinson, of my staff, at (312) 886-6141, if you have any questions, or are in need of further assistance.

Sincerely,

Willie H. Harris

Willie H. Harris, Chief
Program Management Branch
Waste, Pesticides, and Toxics Division

Enclosures

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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
(NPDES) PERMIT PROGRAM

FACT SHEET
for
A Draft NPDES Permit to Discharge into Waters of the State
Proposed to be Issued by the:

Indiana Stream Pollution Control Board
1330 West Michigan Street
Indianapolis, IN 46206

Public Notice No.:

Public Notice Issued on: 8-8-84

Name and Address of Applicant:

U.S.S. Lead Refinery, Inc.
5300 Kennedy Avenue
East Chicago, IN 46312

Name and Address of Facility where Discharge Occurs:

U.S.S. Lead Refinery, Inc.
5300 Kennedy Avenue
East Chicago, IN 46312

Receiving Water: Grand Calumet River

Use Classification: The receiving water is classified for limited aquatic life.

I. Tentative Decision on the Application

The above-named applicant has applied for an NPDES permit to discharge wastewaters into the above-described receiving water. The NPDES permit program is administered by the Indiana Stream Pollution Control Board ("Board") pursuant to Sec. 402(b) of the Federal Clean Water Act, as amended, the Indiana Environmental Management Act, as amended (IC 13-7), and Board Rule 330 IAC 5. The Technical Secretary of the Board has examined the application and has developed a draft permit which is proposed to be issued subject to concurrence of the U.S. Environmental Protection Agency. Principal provisions of the draft permit, including effluent limitations, and other pertinent information, are outlined below.

II. Location of Discharge

A description and/or sketch of the location of the discharge is appended as Attachment I.

III. Description of Existing Discharge

A quantitative description of the existing discharge in terms of significant effluent parameters is appended as Attachment II.

IV. Description of Effluent Limitations and Effluent Limitations Rationale

A. The effluent limitations in the draft permit as well as monitoring requirements, schedule of compliance, and special conditions are described in Attachment III. Also included is an effluent limitations rationale which provides the basis for each limitation or condition.

B. The other special conditions in the proposed permit may include, but are not necessarily limited to: monitoring, recording, and reporting discharges; limiting discharges of oil, hazardous substances, collected solids, visible floating solids, foams, and effluent batch discharges; planning for electric power failure and spill prevention and containment; and prohibiting bypass of treatment facilities. Persons wishing further information about the special conditions may contact the Indiana Stream Pollution Control Board.

V. Procedures for the Formulation of Final Determination

A. Interested persons are invited to submit written comments upon the proposed discharge. Comments should be submitted in person or by mail no later than 30 days after the date of the public notice was issued for the permit application. Deliver or mail all comments to:

Mrs. Julie Bright
Division of Water Pollution Control
Permits and Approvals Section
Indiana State Board of Health
1330 West Michigan Street
Indianapolis, IN 46206

The application and public notice numbers should appear next to the above address on the envelope and on each page of any submitted comments. All comments received no later than 30 days after the public notice is issued will be considered in the formulation of final determinations. The Indiana Stream Pollution Control Board will issue final determinations in a timely manner after the expiration of the public comment period.

B. If written comments indicate a significant public interest in the application, the Technical Secretary of the Indiana Stream Pollution Control Board shall hold a public hearing on the application. If held, the public hearing will be designed to collect relevant information pertaining to the application in an orderly and expeditious manner. Public notice of a public hearing will be circulated at least 30 days in advance of such event. The public hearing will be held within the State of Indiana. After the public hearing, the Technical Secretary of the Indiana Stream Pollution Control Board will formulate his final determination. Further information regarding the conduct and nature of the public hearings concerning discharge permits may be obtained by contacting the Indiana Stream Pollution Control Board.

Requests for a public hearing should: state the name and address of the person requesting the hearing and of any person represented at the hearing by the requester; identify the interest in the proposed permit of the requester and of any person represented by him; state the reasons for the request; state the issues proposed to be considered at the hearing; and state the position of the requester on the issues to be considered at the hearing.

VI. Staff Contact and Availability of Information

Additional information concerning the draft permit or permit issuance procedures may be obtained between the hours of 8:15 a.m. and 4:45 p.m., Monday through Friday from:

Mr. Steve Roush at 317/633-0750

Copies of the application, proposed permit including proposed effluent limitations, special conditions, comments received, and other documents are available for inspection and may be copied at a cost of 15 cents per page at the Indiana State Board of Health, Room 336, 1330 West Michigan Street, Indianapolis, Indiana.

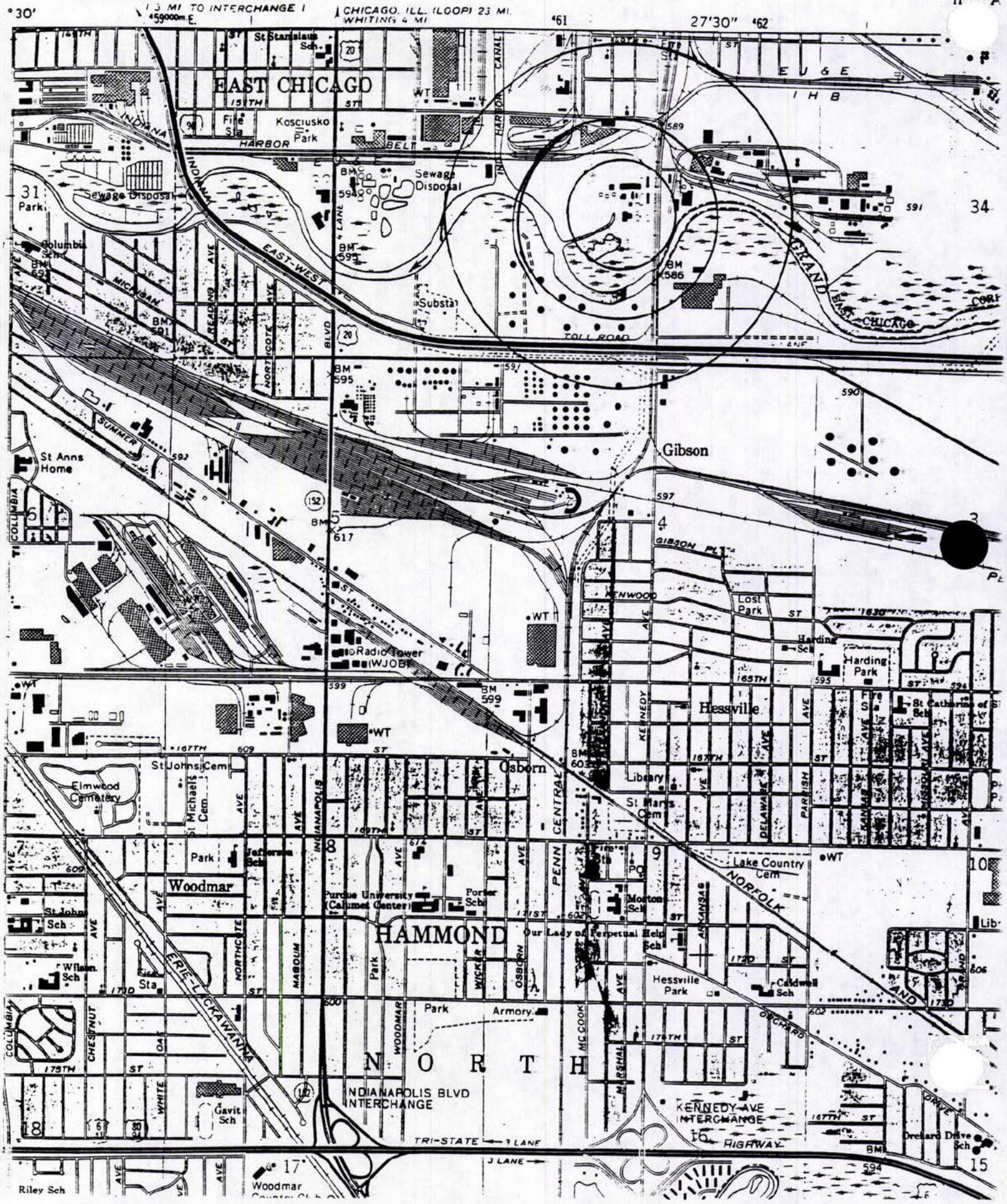
Attachment I

Permit No. IN 0032425

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Location of Discharge

STA
DEPARTMENT
IN A



Attachment II

Description of Existing Discharge — Outfall 001

General

The NPDES Permit for the U.S.S. Lead Refinery at East Chicago, Indiana, expired March 31, 1980. This fact sheet provides a brief description of the Company and also provides supportive reasoning and calculations for the proposed limitations in the renewal of this permit.

Facility Description

The U.S.S. Lead Refinery, located in East Chicago, Indiana, is a secondary lead smelter using lead from used batteries and other scrap lead as their source of lead. This type of facility is included in the "Nonferrous Metals Manufacturing Point Source Category (40 CFR Part 421) Development Document for Effluent Limitations Guidelines and Standards."

Wastewater Sources and Treatment

Outfall 001 - Outfall 001 consists of 43,000 gpd of noncontact cooling water used to cool the cast iron molds used in forming lead ingots. Outfall 001 also consists of emergency overflow from the blast furnace, and stormwater runoff from the alloying department, boiler house, and the blast furnace. All sanitary and process related wastewaters are discharged to the East Chicago sanitary sewers. There are plans to move Outfall 001 so that it discharges into the old intake water canal which leads directly into the Grand Calumet River.

Receiving Stream

This facility discharges into wetlands on company property which then discharge to the Grand Calumet River which is considered to have a $Q_{7,10}$ of 0.0 CFS. Although U.S. Steel and the Gary POTW discharge into the Grand Calumet River upstream of this facility, their effluent may not be used for dilution.

Effluent Parameter	Average lb/day (mg/l)	Maximum lb/day (mg/l)
Outfall 001		
Flow		
pH	between 2.9 and 8.0	
Lead	(.63)	(1.56)
Arsenic	(.066)	(.123)
Sulfate	34.1 (194.2)	110.1 (357.2)
Fluoride	.67	1.2
Total Suspended Solids	(14.75)	(22.9)

These values were taken from the Monthly Discharge Reports.

Attachment III

Description of Effluent Limitations and Effluent Limitations Rationale

Outfall 001

Effluent Parameter	Discharge Limitations Daily Ave.	Daily Max.	Monitoring Requirements Frequency	Type
Flow MGD	--	--	Measure When Sampling	
Total Suspended Solids	20 mg/l	30 mg/l	Weekly	24-Hr. Comp.
Total Lead	--	0.3 mg/l	Weekly	24-Hr. Comp.
Fluoride	--	1.5 mg/l	Weekly	24-Hr. Comp.
Arsenic	--	0.1 mg/l	Weekly	24-Hr. Comp.
Cadmium	--	0.02 mg/l	Weekly	24-Hr. Comp.
Copper	--	0.02 mg/l	Weekly	24-Hr. Comp.
pH	6 to 9		Weekly	Grab
Total Dissolved Solids	--	250 mg/l	Weekly	24-Hr. Comp.

Total Lead, Fluoride, Arsenic, Total Suspended Solids, Cadmium, Total Dissolved Solids, and Copper

Indiana Water Quality Standards were used to determine these limitations. These limitations reflect the Nondegradation Policy of the State of Indiana which states "No degradation of water quality shall be permitted which would interfere with or become injurious to existing and potential uses."

Sulfide

Sulfide was limited in the previous permit, but, upon review of the reported data, it was found to be present in insignificant amounts. Therefore, sulfide will not be included in this permit.

Best Management Practice

This clause will be added to insure that the materials stored at this facility do not contaminate the stormwater runoff.

Compliance Schedule and Expiration Date

Effluent limitations contained herein meet or exceed expected BAT/BCT limitations for this industry. A five year NPDES permit is proposed.

Prepared by Steve Roush

Post Public Notice Addendum

The following changes have been incorporated into this permit due to the comments received during the Public Notice Period from U.S.S. Lead Refinery and the U.S. EPA, Region V: Total Zinc and Total Antimony are to be monitored for a six month period to determine if significant amounts are present and the Best Management Practices wording has been clarified.

WPC 29E/i
3/29/85

STATE OF INDIANA

INDIANAPOLIS 46206–1964

STREAM POLLUTION CONTROL BOARD

1330 West Michigan Street
P. O. Box 1964

March 29, 1985

VIA CERTIFIED MAIL

[redacted] General Manager
U.S.S. Lead Refinery, Inc.
5300 Kennedy Avenue
East Chicago, IN 46312

Dear [redacted]

Re: NPDES Permit No. IN 0032425
U.S.S. Lead Refinery, Inc.
East Chicago, Indiana

Your application for a National Pollutant Discharge Elimination System (NPDES) Permit has been processed in accordance with Sections 402 and 405 of the Federal Water Pollution Control Act as amended by PL 92-500 and PL 95-217 (33 U.S.C. 1251, et seq.), and Public Law 100, Acts of 1972, as amended (IC 13-7, et seq., the "Environmental Management Act"). The enclosed NPDES Permit covers your facility which is a secondary lead smelter and that discharges into the Grand Calumet River. All discharges from this facility shall be consistent with the terms and conditions of this permit.

One condition which needs to be clearly understood concerns violation of the effluent limitations in the permit. Exceeding the limitations constitutes a violation of the permit and may subject the permittee to criminal or civil penalties. (See Part II A.2.) It is therefore urged that your office and treatment operator understand this part of the permit.

It should also be noted that any appeal must be filed under procedures outlined in 330 IAC 5-16. The appeal must be initiated by filing with the Stream Pollution Control Board a request for an adjudicatory hearing within 30 days of receipt of this letter.

If you have any questions, please contact Mr. Steve Roush at 317/633-0750.

Very truly yours,

Earl A. Bohner
Technical Secretary

SKR/kp
Enclosures
cc: Chief, Permit Section U.S. EPA Region V
Lake County Health Department
[redacted]

INDIANA STREAM POLLUTION CONTROL BOARD
AUTHORIZATION TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of the Federal Water Pollution Control Act, as amended by P.L. 92-500 and P.L. 95-217 (33 U.S.C. 1251 et seq., the "Act"), and Public Law 100, Acts of 1972, as amended (IC 13-7, et seq., the "Environmental Management Act"), U.S.S. LEAD REFINERY, INC., is authorized to discharge from a facility which reclaims and smelts lead and that is located in East Chicago, Indiana, to receiving waters named the Grand Calumet River in accordance with effluent limitations, monitoring requirements, and other conditions set forth in Parts I and II hereof.

The permit shall become effective 30 days from the date of signature of the Technical Secretary.

This permit and the authorization to discharge shall expire at midnight February 28, 1990. In order to receive authorization to discharge beyond the date of expiration, the permittee shall submit such information and forms as are required by the Indiana Stream Pollution Control Board no later than 180 days prior to the date of expiration.

Signed this 29 day of March, 1985, for the Indiana Stream Pollution Control Board.

E. A. Bohn
Technical Secretary

PART I

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee is authorized to discharge from outfall(s) 001. Such discharge shall be limited and monitored by the permittee as specified below:

Discharge Limitations

Effluent Characteristic	kg/day (lbs/day) Daily Average	kg/day (lbs/day) Daily Maximum	Other Limitations Daily Average	Other Limitations Daily Maximum	Monitoring Requirement Measurement Frequency	Monitoring Requirement Sample Type
Flow (MGD)	--	--	--	--	Measure When Sampling	
Solids	--	--	20 mg/l	30 mg/l	Weekly	24-Hr. Comp.
Total Lead	--	--	--	0.2 mg/l	Weekly	24-Hr. Comp.
Fluoride	--	--	--	1.5 mg/l	Weekly	24-Hr. Comp.
Arsenic	--	--	--	0.1 mg/l	Weekly	24-Hr. Comp.
Cadmium**	--	--	--	0.02 mg/l	Weekly	24-Hr. Comp.
Copper**	--	--	--	0.02 mg/l	Weekly	24-Hr. Comp.
Total Dissolved Solids**	--	--	--	250 mg/l	Weekly	24-Hr. Comp.
Total Zinc*	--	--	--	--	Monthly	24-Hr. Comp.
otal Antimony*	--	--	--	--	Monthly	24-Hr. Comp.

*The above noted parameter(s) are to be monitored for a six month period to determine whether or not they are present in significant quantities. At the end of this sampling period, the permittee may request, in writing, a review of these requirements. Upon review by the ISPCB, monitoring requirements may be deleted, if appropriate, without public notice or opportunity of hearing. Alternatively, the permit may be modified, after public notice and opportunity for hearing, to include appropriate effluent limitations.

**The permittee shall achieve compliance with the effluent limitations for the above noted parameters in accordance with the schedule of compliance contained on page 6 of 17.

Discharge from outfall 001 is limited solely to noncontact cooling water, and stormwater runoff being free from process and other wastewater discharges. In the event that water treatment additives are to be used in the waters contributing to this discharge, then the Permittee shall notify the Indiana Stream Pollution Control Board as required by Part II of this permit.

a. The pH shall not be less than 6 nor greater than 9. The pH shall be monitored as follows: by a weekly grab sample.

b. The discharge shall not cause excessive foam in the receiving waters. The discharge shall be essentially free of floating and settleable solids.

c. The discharge shall not contain oil or other substances in amounts sufficient to create a visible film or sheen on the receiving waters.

d. Samples taken in compliance with the monitoring requirements above shall be taken at a point representative of the discharge but prior to entry into the Grand Calumet River.

B. MONITORING AND REPORTING

1. Representative Sampling

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge.

2. Reporting

The permittee shall submit monitoring reports (DMR-1 Form) to the Indiana Stream Pollution Control Board containing results obtained during the previous month and shall be postmarked no later than the 28th day of the month following each completed monitoring period. The first report shall be submitted by the 28th day of the month following the month in which the permit becomes effective.

If there is to occur a substantial period of time during which there will be no discharge from an authorized outfall, then the permittee may submit a written request to the Indiana Stream Pollution Control Board for relief from reporting requirements. The Indiana Stream Pollution Control Board may then suspend reporting requirements without public notice or opportunity for public hearing.

The Regional Administrator may request the permittee to submit monitoring reports to the Environmental Protection Agency if it is deemed necessary to assure compliance of the permit.

3. Definitions

a. Daily Average

(1) Weight Basis - The "daily average" discharge means the total discharge by weight during a calendar month divided by the number of days in the month that the production or commercial facility was discharging. Where less than daily sampling is required by this permit, the daily average discharge shall be determined by the summation of the measured daily discharges by weight divided by the number of days during the calendar month when the measurements were made.

(2) Concentration Basis - The "daily average" concentration means the arithmetic average (proportional to flow) of all daily determinations of concentration made during a calendar month. Daily determinations of concentration made using a composite sample shall be the concentration of the composite sample. When grab samples are used, the daily determination of concentration shall be the arithmetic average (weighted by flow value) of all the samples collected during the calendar day.

b. "Daily Maximum" Discharge

(1) Weight Basis - The "daily maximum" discharge means the total discharge by weight during any calendar day.

(2) Concentration Basis - The "daily maximum" concentration means the daily determination of concentration for any calendar day.

c. 24-Hour Composite Sample--Consists of at least three individual, equal-volume samples of wastewater which are taken at equally spaced time intervals during a 24-hour period and which are combined prior to analyses.

d. Concentration--The weight of any given material present in a unit volume of liquid. Unless otherwise indicated in this permit, concentration values shall be expressed in milligrams per liter (mg/l).

e. The Regional Administrator is defined as the Region V Administrator, U.S. EPA, located at 230 South Dearborn Street, Chicago, Illinois 60604.

f. The Indiana Stream Pollution Control Board is located at the following address: 1330 West Michigan Street, Indianapolis, Indiana 46206.

4. Test Procedures

Test procedures for analysis of pollutants shall conform to regulations published pursuant to Section 304(h) of the Act, the most recent edition of "Standard Methods for the Examination of Water and Wastewater," or other methods approved by the Indiana Stream Pollution Control Board, under which such procedures may be required.

5. Recording of Results

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

a. The exact place, date, and time of sampling;

b. The dates the analyses were performed;

c. The person(s) who performed the analyses;

d. The analytical techniques or methods used; and

e. The results of all required analyses.

6. Additional Monitoring by Permittee

If the permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit, using approved analytical methods as specified above, the results of such monitoring shall be included in the calculation and reporting of the values required in the Indiana Stream Pollution Control Board Monthly Monitoring Report. Such increased frequency shall also be indicated.

7. Records Retention

All records and information resulting from the monitoring activities required by this permit, including all records of analyses performed and calibration and maintenance of instrumentation and recording from continuous monitoring instrumentation, shall be retained for a minimum of three (3) years, or longer, if requested by the Regional Administrator or the Indiana Stream Pollution Control Board.

C. REOPENING CLAUSE

This permit shall be modified, or, alternatively, revoked and reissued, to comply with any applicable effluent limitation or standard issued or approved under section 301(b)(2)(C), (D) and (E), 304(b)(2), and 307(a)(2) of the Clean Water Act, if the effluent limitation or standard so issued or approved:

(1) contains different conditions or is otherwise more stringent than any effluent limitation in the permit; or

(2) controls any pollutant not limited in the permit.

D. SCHEDULE OF COMPLIANCE

1. The permittee shall achieve compliance with the effluent limitations specified for outfall 001 in accordance with the following schedule:

   a. The permittee shall achieve compliance with the effluent limitations for cadmium, copper, and total dissolved solids listed on page 2 of 17 within six months of the approval of the Best Management Plan by the Division of Water Pollution Control.

2. No later than 14 calendar days following a date identified in the above schedule of compliance, the permittee shall submit either a report of progress or, in the case of specific actions being required by identified dates, a written notice of compliance or noncompliance. In the latter case, the notice shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirement.

Best Management Practices (BMP) Plan Development

A. General Conditions

1. These conditions apply to the U.S.S. Lead Refining, Inc., facility which uses, manufactures, stores, handles, and may discharge pollutants listed as toxic under Section 307(a)(1) of the Clean Water Act or pollutants listed as hazardous under Section 311 of the Act and which has manufacturing operations which could result in significant amounts of these pollutants reaching waters of the United States. These operations include raw material storage areas, battery case storage areas, flue dust storage area, slag landfilling and plant site runoff.

2. BMP Plan

U.S.S. Lead Refining, Inc., shall develop and implement a BMP plan which prevents, or minimizes the potential for, the release of toxic substances to the waters of the United States through plant site runoff, spillage or leaks, waste disposal, drainage from raw material storage, or slag landfilling.

3. Implementation

The BMP Plan shall be developed within 6 months of the permits effective date and shall be submitted to the Division of Water Pollution Control for approval. The Best Management Plan shall be implemented within six months of the approval by the Division of Water Pollution Control.

4. General Requirements

The BMP plan shall:

a. Be documented in narrative form and shall include any necessary plot plans, drawings, or maps.

   1. Each facility component or system shall be examined for its potential for causing a release of significant amounts of toxic or hazardous pollutants to waters of the United States due to equipment failure, improper operation, natural phenomena such as rain or snowfall, etc.

   2. Where experience indicates a reasonable potential for equipment failure, natural condition; or other circumstances to result in significant amounts of toxic or hazardous pollutants reaching surface waters, the plan should include a prediction of the direction; rate of flow, and total quantity of toxic or hazardous pollutants which would be discharged from the facility as a result of each condition or circumstance.

b. Establish specific management practices to meet the objectives identified under paragraph 4.a. of this section, addressing each component or system capable of causing a release of

significant amounts of toxic or hazardous pollutants to the waters of the United States.

c. Include any special conditions established in Part B of this section.

d. Be reviewed by plant engineering staff and plant manager.

5. Specific Requirements

The plan shall be consistent with the general guidance contained in the publication entitled "NPDES Best Management Practices Guidance Document," August 1979 (copy available through the U.S. EPA) and shall include the following base line BMPs at a minimum:

a. BMP Committee

b. Reporting of BMP Incidents

c. Risk Identification and Assessment

d. Employee Training

e. Inspections and Records

f. Preventive Maintenance

g. Good Housekeeping

h. Materials Compatibility

i. Security

6. SPCC Plans

The BPM plan may reflect requirements for Spill Prevention Control and Countermeasure (SPCC) plans under Section 311 of the Act and 40 CFR Part 151, and may incorporate any part of such plans into the BMP plan by reference.

7. Hazardous Waste Management

The permittee shall assure the proper management of solid and hazardous waste to prevent the discharge of such waste except as otherwise authorized under this permit.

8. Documentation

The permittee shall maintain a description of the BMP plan at the facility and shall make the plan available to the Director upon request.

9. BMP Plan Modification

The permittee shall amend the BMP plan whenever there is a change in the operation of the facility which materially increases the potential for the activities to result in a discharge of significant amounts of hazardous or toxic pollutants.

10. Modification for Ineffectiveness

If the BMP plan proves to be ineffective in achieving the general objective of preventing the release of significant amounts of toxic or hazardous pollutants to surface waters and the specific objectives and requirements under paragraphs b and c of Section 4, the permit and/or the BMP plan shall be subject to modification to incorporate revised BMP requirements.

B. Specific Conditions

1. The permittee shall include specific conditions in the BMP plan to satisfy the following requirements:

   a. Provide data from leach tests conducted on the slag which has been deposited on the south end of the property. Upon review of this data by the ISPCB, a determination will be made as to whether another method of disposal is warranted.

   b. Cover or protect the flue dust from contact with precipitation

   c. Divert all stormwater runoff from the manufacturing and storage areas to outfall 001.

PART II
STANDARD CONDITIONS FOR NPDES PERMITS FOR INDUSTRIAL FACILITIES

SECTION A. GENERAL CONDITIONS

1. Duty to Comply

The permittee shall comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Clean Water Act and the Indiana Environmental Management Act and is grounds for enforcement action, for permit termination, revocation and reissuance, or modification, or for denial of a permit renewal application.

2. Penalties for Violations of Permit Conditions

Pursuant to the Indiana Environmental Management Act, any person who violates a permit condition implementing sections 301, 302, 306, 307, 318, or 405 of the Clean Water Act is subject to a civil penalty not to exceed $25,000 per day of such violation. Any person who willfully or negligently violates permit conditions implementing sections 301, 302, 306, 307, or 308 of the Clean Water Act is subject to a fine of not less than $2,500 nor more than $25,000 per day of violation, or by imprisonment for not more than 1 year or both. If the conviction is for a violation committed after a first conviction of such person under this provision, punishment shall be a fine of not more than fifty thousand dollars ($50,000) per day of violation, or by imprisonment for not more than two (2) years, or both.

Except as provided in permit conditions on "Bypassing," Section B, Paragraph 2 and "Upsets," Section B, Paragraph 3, nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance.

3. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with the permit.

4. Permit Actions

This permit may be modified, revoked and reissued, or terminated for cause, including, but not limited to, the following:

a. Violation of any terms or conditions of this permit;

b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or

c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

The filing of (i) a request by the permittee for a permit modification, revocation and reissuance, or termination, or (ii) a notification of planned changes or anticipated noncompliance does not stay any permit condition.

5. Duty to Provide Information

The permittee shall furnish to the Director, within a reasonable time, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. The permittee shall also furnish to the Director, upon request, copies of records required to be kept by this permit.

6. Duty to Reapply

If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. The application should be submitted at least 180 days before the expiration date of this permit. The Director may grant permission to submit an application less than 180 days in advance but no later than the permit expiration date.

7. Transfers

This permit is nontransferable to any person except after notice to the Director pursuant to Regulation 330 IAC 5-2-5(c). The Director may require modification or revocation and reissuance of the permit to change the name of the permittee and incorporate such other requirements as may be necessary under the Clean Water Act.

8. Toxic Pollutants

Notwithstanding Paragraph A-4, above, if a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under Section 307(a) of the Clean Water Act for a toxic pollutant which is present in the discharge and such standard or prohibition is more stringent than any limitation for such pollutant in this permit, this permit shall be modified or revoked and reissued to conform to the toxic effluent standard or prohibition.

The permittee shall comply with effluent standards or prohibitions established under section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish those standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.

9. Containment Facilities

When cyanide or cyanogen compounds are used in any of the processes at this facility, the permittee shall provide approved facilities for the containment of any losses of these compounds in accordance with the requirements of Stream Pollution Control Board Regulation 330 IAC 1-2.

10. Operator Certification

The permittee shall have the waste treatment facilities under the direct supervision of an operator certified by the Environmental Management Board as required by IC 13-1-6.

11. Oil and Hazardous Substance Liability

Nothing in this permit shall be construed to relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under Section 311 of the Clean Water Act.

12. Property Rights

The issuance of this permit does not convey any property rights of any sort or any exclusive privileges, nor does it authorize any injury to private property or an invasion of personal rights, nor any infringement of Federal, State, or local laws or regulations.

13. Severability

The provisions of this permit are severable and, if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances and the remainder of this permit shall not be affected thereby.

14. Inspection and Entry

The permittee shall allow the Director, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:

a. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;

b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;

c. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and

d. Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act, any substances or parameters at any location.

15. Construction Permit

The permittee shall not construct, install, or modify any water pollution control facility without a valid construction permit issued by the Indiana Stream Pollution Control Board pursuant to 330 IAC 3.1.

SECTION B. MANAGEMENT REQUIREMENTS

1. Proper Operation and Maintenance

The permittee shall at all times maintain in good working order and efficiently operate all facilities and systems for wastewater collection and treatment which are installed or used by the permittee and which are necessary for achieving compliance with the terms and conditions of this permit.

2. Bypass of Treatment Facilities

a. Definitions:

(1) "Bypass" means the intentional diversion of a waste stream from any portion of a treatment facility normally utilized for treatment of the waste stream.

(2) "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which would cause them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production at the permittee's facility.

b. (Prohibition of Bypass) Bypass which causes or is likely to cause applicable effluent limitations to be exceeded is prohibited unless the following three conditions are met:

(1) Bypass is unavoidable to prevent loss of life, personal injury or severe property damage;

(2) There are no feasible alternatives to bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal period of equipment down-time; and

(3) The permittee submits notice of an unanticipated bypass to the Director within 24 hours of becoming aware of the bypass (if this information is provided orally, a written submission must be provided within five days). Where the permittee knows or should have known in advance of the need for a bypass, this prior notification shall be submitted for approval to the Director, if possible, at least ten days before the date of the bypass.

c. An anticipated bypass which meets the three criteria of Paragraph b of this subsection may be allowed under conditions determined to be necessary by the Director to minimize any adverse effects.

3. Upset Conditions

a. Definition: "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

b. (Effect of an upset) An upset shall constitute an affirmative defense to an action brought for noncompliance with such technology-based permit effluent limitations if the requirements of Paragraph c of this subsection are met.

c. (Conditions necessary for a demonstration of upset) A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs or other relevant evidence, that:

(1) An upset occurred and the permittee has identified the specific cause(s) of the upset, if possible;

(2) The permitted facility was at the time being operated in compliance with proper operation and maintenance procedures; and

(3) The permittee complied with any remedial measures required under Paragraph A.3 of this Part.

4. Removed Substances

Solids, sludges, filter backwash, or other pollutants removed from or resulting from treatment or control of wastewaters shall be disposed of in a manner such as to prevent any pollutant from such materials from entering navigable waters and to be in compliance with all Indiana statutes and regulations relative to liquid and/or solid waste disposal.

SECTION C. REPORTING REQUIREMENTS

1. Planned Changes in Facility or Discharge

Any anticipated facility expansions, production increases, or process modifications which will result in new, different, or increased discharges of pollutants must be reported by submission of a new NPDES application or, if such changes will not violate the effluent limitations specified in this permit, by advance notice to the permit issuing authority of such changes. Following such notice, the permit may be modified to revise existing pollutant limitations and/or to specify and limit any pollutants not previously limited.

2. Monitoring Reports

Monitoring results shall be reported at the intervals and in the form specified in Part I.B.2.

3. Compliance Schedules

Reports of compliance or noncompliance with interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date. Any reports of noncompliance shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirement.

4. Twenty-Four Hour Reporting

The permittee shall report information on the following types of noncompliance within 24 hours from the time permittee becomes aware of such noncompliance:

a. Any unanticipated bypass which exceeds any effluent limitation in the permit;

b. Violation of a maximum daily discharge limitation for any of the pollutants listed by the Director in the permit to be reported within 24 hours; and

c. Any noncompliance which may pose a significant danger to human health or the environment.

A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected the anticipated time it is expected to continue; and steps taken or planned to reduce and eliminate the noncompliance and prevent its recurrence. The Director may waive the written report on a case-by-case basis if the oral report has been received within 24 hours.

5. Other Noncompliance

The permittee shall report any instance of noncompliance not reported under Paragraph 3 or 4 of this Section at the time the pertinent Discharge Monitoring Report is submitted. The report shall contain the information specified in Paragraph 4 of this Section.

6. Other Information

Where the permittee becomes aware that he failed to submit any relevant facts or submitted incorrect information in a permit application or in any report to the Director, the permittee shall promptly submit such facts or corrected information.

7. Changes in Discharge of Toxic Substances

The permittee shall notify the Director as soon as it knows or has reason to believe:

a. That any activity has occurred or will occur which would result in the discharge of any pollutant identified as toxic, pursuant to Section 307(a) of the Clean Water Act which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels:"

(1) One hundred micrograms per liter (100 ug/l);

(2) Two hundred micrograms per liter (200 ug/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 ug/l) for 2,4-dinitrophenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter (1 mg/l) for antimony;

(3) Five (5) times the maximum concentration value reported for that pollutant in the permit application; or

(4) The level established in Part III of the permit by the Director.

b. That it has begun or expects to begin to use or manufacture as an intermediate or final product or byproduct any toxic pollutant which was not reported in the permit application.

8. Signatory Requirements

a. All reports required by the permit and other information requested by the Director shall be signed and certified by a person described below or by a duly authorized representative of that person:

(1) For a corporation: by a principal executive officer of at least the level of vice-president (including a person who is not a vice-president but performs similar policy-making functions for the corporation);

(2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or

(3) For a Federal, State, or local governmental body or an agency or political subdivision thereof: by either a principal executive officer or ranking elected official.

b. A person is a duly authorized representative only if:

(1) The authorization is made in writing by a person described above.

(2) The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as the position of

plant manager, operator of a well or a well field, superintend or position of equilavent responsibility. (A duly authorized representative may thus be either a named individual or any individual occupying a named position.); and

(3) The authorization is submitted to the Director.

c. Certification. Any person signing a document under this section shall make the following certification:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

9. Availability of Reports

Except for data determined to be confidential under Board Regulation 330 IAC 5-1.5, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Indiana Stream Pollution Control Board and the Regional Administrator. As required by the Clean Water Act, permit applications, permits, and effluent data shall not be considered confidential.

10. Penalties for Falsification of Reports

The Indiana Environmental Management Act provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance, shall, upon conviction, be punished by a fine of not more than $10,000 per violation, or by imprisonment for not more than 6 months per violation, or by both.

ENTACT

environmental tactics in waste management

September 25, 1996

Mr. Steve Roush
IDEM
Office of Water Management
Permits Section
P.O. Box 6015
Indianapolis, Indiana 46206-6015

RE: Discontinuation of NPDES Permit #IN0032425
USS Lead Refinery
East Chicago, Indiana

Dear Mr. Roush,

On behalf of our client, USS Lead, we would like to discontinue the NPDES Permit #IN0032425 at the USS Lead facility located at 5300 Kennedy Avenue, East Chicago, Indiana. The facility has been closed since 1985 and there are no further needs for wastewater discharge or an NPDES permit.

We would like to request a copy of the original permit for our files. Please contact me Non-Responsive PII [redacted] with any questions or comments regarding this issue. Thank you.

Sincerely,

Non-Responsive PII [redacted]

ENTACT, Inc.

cc: Mirtha Capiro- US EPA Region 6
Mark Balazs-IDEM Gary, Indiana
Non-Responsive PII [redacted] MRRC
ENTACT, Chicago

214/580-1323
FAX: 214/550-7464
METRO: 214/751-0057

1616 Corporate Court
Suite #150
Irving, Texas 75038

From: Non-Responsive PII [redacted]
To: R5WST.R5RCRA(MIKULKA-MICHAEL)
Date: 8/27/96 12:33pm
Subject: USS Lead -Reply

There is a good chance it would need a permit for storm water discharges. I'd probably need to know a little more to say anything definitively. Generally, though, a facility needs an NPDES permit if it (1) discharges storm water directly to waters of the U.S. or indirecly via some type of conduit like a storm sewer (but not a combined sewer - storm water discharges to combined sewers are authorized by the permit held by the municipality) and (2) if the facility is described by one of the 11 categories of "industrial activity" listed in 40 CFR 122.26(b)(14). If the facility satisfies both criteria, then a NPDES permit would be required. Since the site is in Indiana, IDEM would have the application, if one had been submitted, and would issue the permit. Contact Non-Responsive PII [redacted]

By the way, the part of the regulation I referred to includes the definition of the term "storm water discharge associated with industrial activity." In addition to containing descriptions of the 11 categories, this passage describes the types of activities and places that are considered industrial in nature. Among the places are areas "where industrial activities have taken place in the past and significant materials remain and are exposed to storm water." Your description of the site seems to fit this bill.

Call (6-2446) me or write back if you need anything more.

STATE of INDIANA

STREAM POLLUTION CONTROL BOARD

INDIANAPOLIS 46206–1964

1330 West Michigan Street
P.O. Box 1964

March 29, 1985

VIA CERTIFIED MAIL

Non-Responsive PII General Manager
U.S.S. Lead Refinery, Inc.
5300 Kennedy Avenue
East Chicago, IN 46312

Dear Non-Responsive PII

Re: NPDES Permit No. IN 0032425
U.S.S. Lead Refinery, Inc.
East Chicago, Indiana

Your application for a National Pollutant Discharge Elimination System (NPDES) Permit has been processed in accordance with Sections 402 and 405 of the Federal Water Pollution Control Act as amended by PL 92-500 and PL 95-217 (33 U.S.C. 1251, et seq.), and Public Law 100, Acts of 1972, as amended (IC 13-7, et seq., the "Environmental Management Act"). The enclosed NPDES Permit covers your facility which is a secondary lead smelter and that discharges into the Grand Calumet River. All discharges from this facility shall be consistent with the terms and conditions of this permit.

One condition which needs to be clearly understood concerns violation of the effluent limitations in the permit. Exceeding the limitations constitutes a violation of the permit and may subject the permittee to criminal or civil penalties. (See Part II A.2.) It is therefore urged that your office and treatment operator understand this part of the permit.

It should also be noted that any appeal must be filed under procedures outlined in 330 IAC 5-16. The appeal must be initiated by filing with the Stream Pollution Control Board a request for an adjudicatory hearing within 30 days of receipt of this letter.

If you have any questions, please contact Non-Responsive PII Non-Responsive PII

Non-Responsive PII

Technical Secretary

SKR/kp
Enclosures
cc: Chief, Permit Section U.S. EPA Region V
Lake County Health Department
Non-Responsive PII Plant Engineer

INDIANA STREAM POLLUTION CONTROL BOARD
AUTHORIZATION TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of the Federal Water Pollution Control Act, as amended by P.L. 92-500 and P.L. 95-217 (33 U.S.C. 1251 et seq., the "Act"), and Public Law 100, Acts of 1972, as amended (IC 13-7, et seq., the "Environmental Management Act"), U.S.S. LEAD REFINERY, INC., is authorized to discharge from a facility which reclaims and smelts lead and that is located in East Chicago, Indiana, to receiving waters named the Grand Calumet River in accordance with effluent limitations, monitoring requirements, and other conditions set forth in Parts I and II hereof.

The permit shall become effective 30 days from the date of signature of the Technical Secretary.

This permit and the authorization to discharge shall expire at midnight February 28, 1990. In order to receive authorization to discharge beyond the date of expiration, the permittee shall submit such information and forms as are required by the Indiana Stream Pollution Control Board no later than 180 days prior to the date of expiration.

Signed this 28 day of March, 1985, for the Indiana Stream Pollution Control Board.

Non-Responsive PII

Technical Secretary

PART I

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee is authorized to discharge from outfall(s) 001. Such discharge shall be limited and monitored by the permittee as specified below:

Discharge Limitations

Effluent Characteristic	kg/day (lbs/day) Daily Average	Daily Maximum	Other Limitations Daily Average	Daily Maximum	Monitoring Requirement Measurement Frequency	Sample Type
Flow (MGD)	--	--	--	--	Measure When Sampling	
Solids	--	--	20 mg/l	30 mg/l	Weekly	24-Hr. Comp.
Total Lead	--	--	--	0.2 mg/l	Weekly	24-Hr. Comp.
Fluoride	--	--	--	1.5 mg/l	Weekly	24-Hr. Comp.
Arsenic	--	--	--	0.1 mg/l	Weekly	24-Hr. Comp.
Cadmium**	--	--	--	0.02 mg/l	Weekly	24-Hr. Comp.
Copper**	--	--	--	0.02 mg/l	Weekly	24-Hr. Comp.
Total Dissolved Solids**	--	--	--	250 mg/l	Weekly	24-Hr. Comp.
Total Zinc*	--	--	--	--	Monthly	24-Hr. Comp.
otal Antimony*	--	--	--	--	Monthly	24-Hr. Comp.

*The above noted parameter(s) are to be monitored for a six month period to determine whether or not they are present in significant quantities. At the end of this sampling period, the permittee may request, in writing, a review of these requirements. Upon review by the ISPCB, monitoring requirements may be deleted, if appropriate, without public notice or opportunity of hearing. Alternatively, the permit may be modified, after public notice and opportunity for hearing, to include appropriate effluent limitations.

**The permittee shall achieve compliance with the effluent limitations for the above noted parameters in accordance with the schedule of compliance contained on page 6 of 17.

Discharge from outfall 001 is limited solely to noncontact cooling water, and stormwater runoff being free from process and other wastewater discharges. In the event that water treatment additives are to be used in the waters contributing to this discharge, then the Permittee shall notify the Indiana Stream Pollution Control Board as required by Part II of this permit.

a. The pH shall not be less than 6 nor greater than 9. The pH shall be monitored as follows: by a weekly grab sample.

b. The discharge shall not cause excessive foam in the receiving waters. The discharge shall be essentially free of floating and settleable solids.

c. The discharge shall not contain oil or other substances in amounts sufficient to create a visible film or sheen on the receiving waters.

d. Samples taken in compliance with the monitoring requirements above shall be taken at a point representative of the discharge but prior to entry into the Grand Calumet River.

B. MONITORING AND REPORTING

1. Representative Sampling

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge.

2. Reporting

The permittee shall submit monitoring reports (DMR-1 Form) to the Indiana Stream Pollution Control Board containing results obtained during the previous month and shall be postmarked no later than the 28th day of the month following each completed monitoring period. The first report shall be submitted by the 28th day of the month following the month in which the permit becomes effective.

If there is to occur a substantial period of time during which there will be no discharge from an authorized outfall, then the permittee may submit a written request to the Indiana Stream Pollution Control Board for relief from reporting requirements. The Indiana Stream Pollution Control Board may then suspend reporting requirements without public notice or opportunity for public hearing.

The Regional Administrator may request the permittee to submit monitoring reports to the Environmental Protection Agency if it is deemed necessary to assure compliance of the permit.

3. Definitions

a. Daily Average

(1) Weight Basis - The "daily average" discharge means the total discharge by weight during a calendar month divided by the number of days in the month that the production or commercial facility was discharging. Where less than daily sampling is required by this permit, the daily average discharge shall be determined by the summation of the measured daily discharges by weight divided by the number of days during the calendar month when the measurements were made.

(2) Concentration Basis - The "daily average" concentration means the arithmetic average (proportional to flow) of all daily determinations of concentration made during a calendar month. Daily determinations of concentration made using a composite sample shall be the concentration of the composite sample. When grab samples are used, the daily determination of concentration shall be the arithmetic average (weighted by flow value) of all the samples collected during the calendar day.

b. "Daily Maximum" Discharge

(1) Weight Basis - The "daily maximum" discharge means the total discharge by weight during any calendar day.

(2) Concentration Basis - The "daily maximum" concentration means the daily determination of concentration for any calendar day.

c. 24-Hour Composite Sample--Consists of at least three individual, equal-volume samples of wastewater which are taken at equally spaced time intervals during a 24-hour period and which are combined prior to analyses.

d. Concentration--The weight of any given material present in a unit volume of liquid. Unless otherwise indicated in this permit, concentration values shall be expressed in milligrams per liter (mg/l).

e. The Regional Administrator is defined as the Region V Administrator, U.S. EPA, located at 230 South Dearborn Street, Chicago, Illinois 60604.

f. The Indiana Stream Pollution Control Board is located at the following address: 1330 West Michigan Street, Indianapolis, Indiana 46206.

4. Test Procedures

Test procedures for analysis of pollutants shall conform to regulations published pursuant to Section 304(h) of the Act, the most recent edition of "Standard Methods for the Examination of Water and Wastewater," or other methods approved by the Indiana Stream Pollution Control Board, under which such procedures may be required.

5. Recording of Results

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

a. The exact place, date, and time of sampling;

b. The dates the analyses were performed;

c. The person(s) who performed the analyses;

d. The analytical techniques or methods used; and

e. The results of all required analyses.

6. Additional Monitoring by Permittee

If the permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit, using approved analytical methods as specified above, the results of such monitoring shall be included in the calculation and reporting of the values required in the Indiana Stream Pollution Control Board Monthly Monitoring Report. Such increased frequency shall also be indicated.

7. Records Retention

All records and information resulting from the monitoring activities required by this permit, including all records of analyses performed and calibration and maintenance of instrumentation and recording from continuous monitoring instrumentation, shall be retained for a minimum of three (3) years, or longer, if requested by the Regional Administrator or the Indiana Stream Pollution Control Board.

C. REOPENING CLAUSE

This permit shall be modified, or, alternatively, revoked and reissued, to comply with any applicable effluent limitation or standard issued or approved under section 301(b)(2)(C), (D) and (E), 304(b)(2), and 307(a)(2) of the Clean Water Act, if the effluent limitation or standard so issued or approved:

(1) contains different conditions or is otherwise more stringent than any effluent limitation in the permit; or

(2) controls any pollutant not limited in the permit.

D. SCHEDULE OF COMPLIANCE

1. The permittee shall achieve compliance with the effluent limitations specified for outfall 001 in accordance with the following schedule:

   a. The permittee shall achieve compliance with the effluent limitations for cadmium, copper, and total dissolved solids listed on page 2 of 17 within six months of the approval of the Best Management Plan by the Division of Water Pollution Control.

2. No later than 14 calendar days following a date identified in the above schedule of compliance, the permittee shall submit either a report of progress or, in the case of specific actions being required by identified dates, a written notice of compliance or noncompliance. In the latter case, the notice shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirement.

Best Management Practices (BMP) Plan Development

A. General Conditions

1. These conditions apply to the U.S.S. Lead Refining, Inc., facility which uses, manufactures, stores, handles, and may discharge pollutants listed as toxic under Section 307(a)(1) of the Clean Water Act or pollutants listed as hazardous under Section 311 of the Act and which has manufacturing operations which could result in significant amounts of these pollutants reaching waters of the United States. These operations include raw material storage areas, battery case storage areas, flue dust storage area, slag landfilling and plant site runoff.

2. BMP Plan

U.S.S. Lead Refining, Inc., shall develop and implement a BMP plan which prevents, or minimizes the potential for, the release of toxic substances to the waters of the United States through plant site runoff, spillage or leaks, waste disposal, drainage from raw material storage, or slag landfilling.

3. Implementation

The BMP Plan shall be developed within 6 months of the permits effective date and shall be submitted to the Division of Water Pollution Control for approval. The Best Management Plan shall be implemented within six months of the approval by the Division of Water Pollution Control.

4. General Requirements

The BMP plan shall:

a. Be documented in narrative form and shall include any necessary plot plans, drawings, or maps.

1. Each facility component or system shall be examined for its potential for causing a release of significant amounts of toxic or hazardous pollutants to waters of the United States due to equipment failure, improper operation, natural phenomena such as rain or snowfall, etc.

2. Where experience indicates a reasonable potential for equipment failure, natural condition; or other circumstances to result in significant amounts of toxic or hazardous pollutants reaching surface waters, the plan should include a prediction of the direction; rate of flow, and total quantity of toxic or hazardous pollutants which would be discharged from the facility as a result of each condition or circumstance.

b. Establish specific management practices to meet the objectives identified under paragraph 4.a. of this section, addressing each component or system capable of causing a release of

significant amounts of toxic or hazardous pollutants to the waters of the United States.

c. Include any special conditions established in Part B of this section.

d. Be reviewed by plant engineering staff and plant manager.

5. Specific Requirements

The plan shall be consistent with the general guidance contained in the publication entitled "NPDES Best Management Practices Guidance Document," August 1979 (copy available through the U.S. EPA) and shall include the following base line BMPs at a minimum:

a. BMP Committee

b. Reporting of BMP Incidents

c. Risk Identification and Assessment

d. Employee Training

e. Inspections and Records

f. Preventive Maintenance

g. Good Housekeeping

h. Materials Compatibility

i. Security

6. SPCC Plans

The BPM plan may reflect requirements for Spill Prevention Control and Countermeasure (SPCC) plans under Section 311 of the Act and 40 CFR Part 151, and may incorporate any part of such plans into the BMP plan by reference.

7. Hazardous Waste Management

The permittee shall assure the proper management of solid and hazardous waste to prevent the discharge of such waste except as otherwise authorized under this permit.

8. Documentation

The permittee shall maintain a description of the BMP plan at the facility and shall make the plan available to the Director upon request.

9. BMP Plan Modification

The permittee shall amend the BMP plan whenever there is a change in the operation of the facility which materially increases the potential for the activities to result in a discharge of significant amounts of hazardous or toxic pollutants.

10. Modification for Ineffectiveness

If the BMP plan proves to be ineffective in achieving the general objective of preventing the release of significant amounts of toxic or hazardous pollutants to surface waters and the specific objectives and requirements under paragraphs b and c of Section 4, the permit and/or the BMP plan shall be subject to modification to incorporate revised BMP requirements.

B. Specific Conditions

1. The permittee shall include specific conditions in the BMP plan to satisfy the following requirements:

   a. Provide data from leach tests conducted on the slag which has been deposited on the south end of the property. Upon review of this data by the ISPCB, a determination will be made as to whether another method of disposal is warranted.

   b. Cover or protect the flue dust from contact with precipitation.

   c. Divert all stormwater runoff from the manufacturing and storage areas to outfall 001.

PART II
STANDARD CONDITIONS FOR NPDES PERMITS FOR INDUSTRIAL FACILITIES

SECTION A. GENERAL CONDITIONS

1. Duty to Comply

The permittee shall comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Clean Water Act and the Indiana Environmental Management Act and is grounds for enforcement action, for permit termination, revocation and reissuance, or modification, or for denial of a permit renewal application.

2. Penalties for Violations of Permit Conditions

Pursuant to the Indiana Environmental Management Act, any person who violates a permit condition implementing sections 301, 302, 306, 307, 318, or 405 of the Clean Water Act is subject to a civil penalty not to exceed $25,000 per day of such violation. Any person who willfully or negligently violates permit conditions implementing sections 301, 302, 306, 307, or 308 of the Clean Water Act is subject to a fine of not less than $2,500 nor more than $25,000 per day of violation, or by imprisonment for not more than 1 year or both. If the conviction is for a violation committed after a first conviction of such person under this provision, punishment shall be a fine of not more than fifty thousand dollars ($50,000) per day of violation, or by imprisonment for not more than two (2) years, or both.

Except as provided in permit conditions on "Bypassing," Section B, Paragraph 2 and "Upsets," Section B, Paragraph 3, nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance.

3. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with the permit.

4. Permit Actions

This permit may be modified, revoked and reissued, or terminated for cause, including, but not limited to, the following:

a. Violation of any terms or conditions of this permit;

b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or

c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

The filing of (i) a request by the permittee for a permit modification, revocation and reissuance, or termination, or (ii) a notification of planned changes or anticipated noncompliance does not stay any permit condition.

5. Duty to Provide Information

The permittee shall furnish to the Director, within a reasonable time, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. The permittee shall also furnish to the Director, upon request, copies of records required to be kept by this permit.

6. Duty to Reapply

If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. The application should be submitted at least 180 days before the expiration date of this permit. The Director may grant permission to submit an application less than 180 days in advance but no later than the permit expiration date.

7. Transfers

This permit is nontransferable to any person except after notice to the Director pursuant to Regulation 330 IAC 5-2-5(c). The Director may require modification or revocation and reissuance of the permit to change the name of the permittee and incorporate such other requirements as may be necessary under the Clean Water Act.

8. Toxic Pollutants

Notwithstanding Paragraph A-4, above, if a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under Section 307(a) of the Clean Water Act for a toxic pollutant which is present in the discharge and such standard or prohibition is more stringent than any limitation for such pollutant in this permit, this permit shall be modified or revoked and reissued to conform to the toxic effluent standard or prohibition.

The permittee shall comply with effluent standards or prohibitions established under section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish those standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.

9. Containment Facilities

When cyanide or cyanogen compounds are used in any of the processes at this facility, the permittee shall provide approved facilities for the containment of any losses of these compounds in accordance with the requirements of Stream Pollution Control Board Regulation 330 IAC 1-2.

10. Operator Certification

The permittee shall have the waste treatment facilities under the direct supervision of an operator certified by the Environmental Management Board as required by IC 13-1-6.

11. Oil and Hazardous Substance Liability

Nothing in this permit shall be construed to relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under Section 311 of the Clean Water Act.

12. Property Rights

The issuance of this permit does not convey any property rights of any sort or any exclusive privileges, nor does it authorize any injury to private property or an invasion of personal rights, nor any infringement of Federal, State, or local laws or regulations.

13. Severability

The provisions of this permit are severable and, if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances and the remainder of this permit shall not be affected thereby.

14. Inspection and Entry

The permittee shall allow the Director, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:

a. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;

b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;

c. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and

d. Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act, any substances or parameters at any location.

15. Construction Permit

The permittee shall not construct, install, or modify any water pollution control facility without a valid construction permit issued by the Indiana Stream Pollution Control Board pursuant to 330 IAC 3.1.

SECTION B. MANAGEMENT REQUIREMENTS

1. Proper Operation and Maintenance

The permittee shall at all times maintain in good working order and efficiently operate all facilities and systems for wastewater collection and treatment which are installed or used by the permittee and which are necessary for achieving compliance with the terms and conditions of this permit.

2. Bypass of Treatment Facilities

a. Definitions:

(1) "Bypass" means the intentional diversion of a waste stream from any portion of a treatment facility normally utilized for treatment of the waste stream.

(2) "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which would cause them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production at the permittee's facility.

b. (Prohibition of Bypass) Bypass which causes or is likely to cause applicable effluent limitations to be exceeded is prohibited unless the following three conditions are met:

(1) Bypass is unavoidable to prevent loss of life, personal injury or severe property damage;

(2) There are no feasible alternatives to bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal period of equipment down-time; and

(3) The permittee submits notice of an unanticipated bypass to the Director within 24 hours of becoming aware of the bypass (if this information is provided orally, a written submission must be provided within five days). Where the permittee knows or should have known in advance of the need for a bypass, this prior notification shall be submitted for approval to the Director, if possible, at least ten days before the date of the bypass.

c. An anticipated bypass which meets the three criteria of Paragraph b of this subsection may be allowed under conditions determined to be necessary by the Director to minimize any adverse effects.

3. Upset Conditions

a. Definition: "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.

b. (Effect of an upset) An upset shall constitute an affirmative defense to an action brought for noncompliance with such technology-based permit effluent limitations if the requirements of Paragraph c of this subsection are met.

c. (Conditions necessary for a demonstration of upset) A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs or other relevant evidence, that:

(1) An upset occurred and the permittee has identified the specific cause(s) of the upset, if possible;

(2) The permitted facility was at the time being operated in compliance with proper operation and maintenance procedures; and

(3) The permittee complied with any remedial measures required under Paragraph A.3 of this Part.

4. Removed Substances

Solids, sludges, filter backwash, or other pollutants removed from or resulting from treatment or control of wastewaters shall be disposed of in a manner such as to prevent any pollutant from such materials from entering navigable waters and to be in compliance with all Indiana statutes and regulations relative to liquid and/or solid waste disposal.

SECTION C. REPORTING REQUIREMENTS

1. Planned Changes in Facility or Discharge

Any anticipated facility expansions, production increases, or process modifications which will result in new, different, or increased discharges of pollutants must be reported by submission of a new NPDES application or, if such changes will not violate the effluent limitations specified in this permit, by advance notice to the permit issuing authority of such changes. Following such notice, the permit may be modified to revise existing pollutant limitations and/or to specify and limit any pollutants not previously limited.

2. Monitoring Reports

Monitoring results shall be reported at the intervals and in the form specified in Part I.B.2.

3. Compliance Schedules

Reports of compliance or noncompliance with interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date. Any reports of noncompliance shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirement.

4. Twenty-Four Hour Reporting

The permittee shall report information on the following types of noncompliance within 24 hours from the time permittee becomes aware of such noncompliance:

a. Any unanticipated bypass which exceeds any effluent limitation in the permit;

b. Violation of a maximum daily discharge limitation for any of the pollutants listed by the Director in the permit to be reported within 24 hours; and

c. Any noncompliance which may pose a significant danger to human health or the environment.

A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected the anticipated time it is expected to continue; and steps taken or planned to reduce and eliminate the noncompliance and prevent its recurrence. The Director may waive the written report on a case-by-case basis if the oral report has been received within 24 hours.

5. Other Noncompliance

The permittee shall report any instance of noncompliance not reported under Paragraph 3 or 4 of this Section at the time the pertinent Discharge Monitoring Report is submitted. The report shall contain the information specified in Paragraph 4 of this Section.

6. Other Information

Where the permittee becomes aware that he failed to submit any relevant facts or submitted incorrect information in a permit application or in any report to the Director, the permittee shall promptly submit such facts or corrected information.

7. Changes in Discharge of Toxic Substances

The permittee shall notify the Director as soon as it knows or has reason to believe:

a. That any activity has occurred or will occur which would result in the discharge of any pollutant identified as toxic, pursuant to Section 307(a) of the Clean Water Act which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels:"

(1) One hundred micrograms per liter (100 ug/l);

(2) Two hundred micrograms per liter (200 ug/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 ug/l) for 2,4-dinitrophenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter (1 mg/l) for antimony;

(3) Five (5) times the maximum concentration value reported for that pollutant in the permit application; or

(4) The level established in Part III of the permit by the Director.

b. That it has begun or expects to begin to use or manufacture as an intermediate or final product or byproduct any toxic pollutant which was not reported in the permit application.

8. Signatory Requirements

a. All reports required by the permit and other information requested by the Director shall be signed and certified by a person described below or by a duly authorized representative of that person:

(1) For a corporation: by a principal executive officer of at least the level of vice-president (including a person who is not a vice-president but performs similar policy-making functions for the corporation);

(2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or

(3) For a Federal, State, or local governmental body or an agency or political subdivision thereof: by either a principal executive officer or ranking elected official.

b. A person is a duly authorized representative only if:

(1) The authorization is made in writing by a person described above.

(2) The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as the position of

plant manager, operator of a well or a well field, superintendent, or position of equilavent responsibility. (A duly authorized representative may thus be either a named individual or any individual occupying a named position.); and

(3) The authorization is submitted to the Director.

c. Certification. Any person signing a document under this section shall make the following certification:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

9. Availability of Reports

Except for data determined to be confidential under Board Regulation 330 IAC 5-1.5, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Indiana Stream Pollution Control Board and the Regional Administrator. As required by the Clean Water Act, permit applications, permits, and effluent data shall not be considered confidential.

10. Penalties for Falsification of Reports

The Indiana Environmental Management Act provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance, shall, upon conviction, be punished by a fine of not more than $10,000 per violation, or by imprisonment for not more than 6 months per violation, or by both.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5

DATE: FEB 20 1996

SUBJECT: Request for Assistance with Public Participation
U.S.S. Lead Refinery, Inc.
IND 047 030 226

FROM: Paul Little, Chief
MI/WI Section
Enforcement and Compliance Assurance Branch

TO: Jane Ratcliffe, Chief
Information Management Section
Program Management Branch

This is a request for assistance from your staff in carrying out the public participation responsibilities for the Enforcement and Compliance and Assurance Branch in relation to the above facility.

Enclosed is public participation material that includes a Public Participation Checklist; Public Notice statement (Notice); broadcast Notice; Statement of Basis; draft cover letter to Public Library; draft letter to interested parties; and a list of media newspapers, television, radio, and potential repository locations for the Northwest Indiana area. Additional material that would be submitted to your office within the next few days would include four copies of the Interim Stabilization Measures Workplan, and four copies of the Administrative Record for the facility.

In the event that a hearing is requested by the public, hearing information material will be submitted to your office and a Press Release to the Office of Public Affairs.

If you have any questions regarding this request, please contact Mirtha Capiro of my staff at 6-7567.

Attachments

cc: Non-Responsive PII [redacted]

ENFORCEMENT AND COMPLIANCE ASSURANCE BRANCH

SECRETARY	SECRETARY	SECRETARY	SECRETARY	SECRETARY	SECRETARY
K.W. 2/13/96					
AUTHOR/ TYPIST	MINN/OHIO SECTION CHIEF	MICHIGAN/ WISCONSIN SECTION CHIEF	ILLINOIS/ INDIANA SECTION CHIEF	ECAB BRANCH CHIEF	WPTD DIVISION DIRECTOR
MC 2/13/96		BJ 2-20-96			