

0000030
140078

**INDIAN REFINING
COMPANY**

South 7th Street - P.O. Box 240 - Lawrenceville, IL 62439-0240
Telephone: (618) 943-5555 - (618) 943-3484

January 28, 1997

Steven Faryan
United States Environmental Protection Agency
HSE-5J
77 West Jackson Blvd.
Chicago, IL 60604-3590

Dear Mr. Faryan:

During a telephone conversation on January 24th with various Illinois and United States Environmental Protection Agency personnel, there was a request made for the analytical results from the off-site investigation activity voluntarily undertaken by Indian Refining Company. The results from that analysis are enclosed.

A composite sample of the material contained in the rolloff from the Clevy property was used for waste classification of the material in both rolloffs because the material from the Clevy property contained a higher percentage of non-native material than the Humes rolloff box. In addition the material from the Humes property was analyzed for the characteristic of corrosivity (pH).

I have also enclosed the waste manifest for both rolloffs for your files along with the State of Indiana disposal permit.

If I can be of any further assistance please contact me at 618-943-5555.

Respectfully,


Rudy L. Witsman

Enclosures

PLEASE TYPE

(Form designed for use on elite (12 pitch) typewriter.)

EPA Form 8700-22 (Rev. 6-89)

Form Approved. OMB No. 2050-0039, Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. ILD 042 671 248		Manifest Document No. p 0 0 0 1		2. Page 1 of 1		Information in the shaded areas is not required by Federal law, but is required by Illinois law.					
3. Generator's Name and Mailing Address Indian Refining Company South 7th Street, Lawrenceville IL 62439				Location If Different		A. Illinois Manifest Document Number IL 7005309 FEE PAID IF APPLICABLE							
4. *24 HOUR EMERGENCY AND SPILL ASSISTANCE NUMBERS* 618-943-5555				6. US EPA ID Number IND 984 867 259		B. Illinois Generator's ID 1 0 1 0 1 5 0 0 0 3							
5. Transporter 1 Company Name Saf-Tran, Inc.				8. US EPA ID Number		C. Illinois Transporter's ID 2 5 0 5							
7. Transporter 2 Company Name				10. US EPA ID Number		D. 812) 299-2006 Transporter's Phone							
9. Designated Facility Name and Site Address Victory Environmental Services, Inc. 12247 S. Mill Street Terre Haute IN 47802				13. US EPA ID Number		E. Illinois Transporter's ID							
						F. () Transporter's Phone							
						G. Illinois Facility's ID 9 1 8 1 6 7 9 0 0 0							
						H. Facility's Phone (812) 299-9227							
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers No. Type		13. Total Quantity		14. Unit WVol		I. Waste No.	
a. Non-hazardous per DOT Non-regulated per EPA Soil contaminated with crude oil intermediates						0.0 1 C M		2,928.0		P		EPA HW Number XX Class A Authorization Number	
b.												EPA HW Number XX Authorization Number	
c.												EPA HW Number XX Authorization Number	
d.												EPA HW Number XX Authorization Number	
J. Additional Description for Materials Listed Above a) Box #2036						K. Handling Codes for Wastes Listed Above In Item #14							
Special waste permit #60764 attached													
15. Special Handling Instructions and Additional Information													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, and disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name Richard E. STEVENSON				Signature Richard E. Stevenson				Date 12 20 91					
17. Transporter 1 Acknowledgement of Receipt of Materials										Date			
Printed/Typed Name RONALD LINDLEY				Signature Ronald Lindley				Date 12 20 91					
18. Transporter 2 Acknowledgement of Receipt of Materials										Date			
Printed/Typed Name				Signature				Date					
19. Discrepancy Indication Space													
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.										Date			
Printed/Typed Name Bryan Horning				Signature Bryan Horning				Date 12 20 91					

This Agency is authorized to require, pursuant to Illinois Revised Statute, 1989, Chapter 111 1/2, Sections 1004 and 1021, that this information be submitted to the Agency. Failure to provide this information may result in a civil penalty against the owner or operator not to exceed \$25,000 per day of violation. Falsification of this information may result in a fine up to \$50,000 per day of violation and imprisonment up to 5 years. This form has been approved by the Forms Management Center.

PLEASE TYPE

(Form designed for use on elite (12 pitch) typewriter.)

EPA Form 8700-22 (Rev. 6-89)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. ILD 042 671 248		Manifest Document No. 00001		2. Page 1 of 1		Information in the shaded areas is not required by Federal law, but is required by Illinois law.	
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7. Transporter 2 Company Name				10. US EPA ID Number		D. 812 299-2006 Transporter's Phone			
9. Designated Facility Name and Site Address Victory Environmental Services, Inc. 12247 S. Mill Street Terre Haute IN 47802				10. US EPA ID Number		E. Illinois Transporter's ID Transporter's Phone			
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol	
a. Non-hazardous per DOT Non-regulated per EPA Soil contaminated with crude oil intermediates				0.0 1 C M		2,9 2,8 0		P	
b.								I. Waste No. EPA HW Number XXI Class 1A Authorization Number	
c.								EPA HW Number XXI Authorization Number	
d.								EPA HW Number XXI Authorization Number	
J. Additional Description for Materials Listed Above a) <u>Box #2036</u>						K. Handling Codes for Wastes Listed Above In Item #14			
15. Special Handling Instructions and Additional Information Special waste permit #60764 attached									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, and disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name Richard E. STEVENSON				Signature <i>Richard E. Stevenson</i>		Date Month Day Year 12 22 09 1			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name RONALD Lindley				Signature <i>Ronald Lindley</i>		Date Month Day Year 12 22 09 4			
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature		Date Month Day Year			
19. Discrepancy Indication Space									
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.									Date
Printed/Typed Name Bryan Horning				Signature <i>Bryan Horning</i>		Date Month Day Year 12 20 90			

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COPY 1. TSD MAIL TO GENERATOR



Environmental Certification Labs, Inc.

P.O. Box 569 • Farmersburg, IN 47850-0569

(812) 696-5076 • 1-800-458-3489

Fax (812) 696-2596

Oct. 22, 1996

Mr. Joe Finch
Indian Refining Company
South 7th Street
P. O. Box 240
Lawrenceville, IL 62439-0240

Sample ID: Clevy Comp.
Sample Type: Composite
Sample Date/Time: 10-28-96/1480
Sampled By: Joe Finch
ECL Sample ID: 24059

Analysis Requested: TCLP Metals and Organics (No Herbs/Pests w/o Spikes), Corrosivity, Ignitability, Reactivity

<u>Parameter</u>	<u>Analysis</u>	<u>Units</u>	<u>Detection Limit</u>	<u>Regulatory Limit</u>	<u>SW846 Method</u>	<u>Analysis Date/Analyst</u>
Corrosivity (pH)	4.94	Std.	N/A	< 2 or > 12.5	9045B	10-31-96/DS
Reactive Cyanide	<0.01	mg/kg	0.01	250.0	C-7.3.3.2	11-04-96/DS
Reactive Sulfide	<0.10	mg/kg	0.1	250.0	C-7.3.4.2	11-04-96/DS
Ignitability	>200	°F	N/A	140.0	Open Cup	11-04-96/DS

TCLP Extract

Extraction Fluid No.: 1
Sample Weight: 100 g
Analysis Date/Analyst: 10-31-96/HM
Final pH of extract: 5.25

TCLP Metals (Digestion Method 3015)

<u>Parameter</u>	<u>Analysis (ppm)</u>	<u>Detection Limits (ppm)</u>	<u>Regulatory Limit (ppm)</u>	<u>SW846 Method</u>	<u>Analysis Date/Analyst</u>
Arsenic	<0.02	0.02	5.0	6010A	11-01-96/HM
Barium	0.42	0.01	100.0	6010A	11-01-96/HM
Cadmium	<0.01	0.01	1.0	6010A	11-01-96/HM
Chromium	<0.01	0.01	5.0	6010A	11-01-96/HM
Lead	0.05	0.02	5.0	6010A	11-01-96/HM
Mercury	<0.0001	0.0001	0.2	7470A	10-31-96/HM
Selenium	<0.02	0.02	1.0	6010A	11-01-96/HM
Silver	<0.01	0.01	5.0	6010A	11-01-96/HM

BDL - Below Detection Limit

TCLP Organics**Volatiles (Zero Headspace Extract)****Purge & Trap Method 5030A****Analysis Date/Analyst: 10-31-96/PB**

Volatiles				
Parameter	Analysis (ppm)	Detection Limit (ppm)	Regulatory Limits (ppm)	SW846 Method
Vinyl Chloride	BDL	0.01	0.2	8260A
1,1-Dichloroethylene	BDL	0.01	0.7	8260A
Methyl Ethyl Ketone	BDL	0.01	200.0	8260A
Chloroform	BDL	0.01	6.0	8260A
1,2-Dichloroethane	BDL	0.01	0.5	8260A
Benzene	0.01	0.01	0.5	8260A
Carbon Tetrachloride	BDL	0.01	0.5	8260A
Trichloroethylene	BDL	0.01	0.5	8260A
Tetrachloroethylene	BDL	0.01	0.7	8260A
Chlorobenzene	BDL	0.01	100.0	8260A
1,4-Dichlorobenzene	BDL	0.01	7.5	8260A

Semi-Volatiles (TCLP Extract)**Extraction Method 3510B****Extraction Date/Analyst: 10-31-96/PB****Analysis Date/Analyst: 10-31-96/PB**

(Acids)				
Parameter	Analysis (ppm)	Detection Limit (ppm)	Regulatory Limits (ppm)	SW846 Method
o-Cresol	BDL	0.01	200.0	8270B
p+m Cresol	BDL	0.01	200.0	8270B
2,4,6-Trichlorophenol	BDL	0.01	2.0	8270B
2,4,5-Trichlorophenol	BDL	0.01	400.0	8270B
Pentachlorophenol	BDL	0.01	1.0	8270B

(Base Neutrals)				
Parameter	Analysis (ppm)	Detection Limit (ppm)	Regulatory Limits (ppm)	SW846 Method
Pyridine	BDL	0.01	5.0	8270B
Hexachloroethane	BDL	0.01	3.0	8270B
Nitrobenzene	BDL	0.01	2.0	8270B
Hexachloro-1,3-butadiene	BDL	0.01	0.5	8270B
2,4-Dinitrotoluene	BDL	0.01	0.1	8270B
Hexachlorobenzene	BDL	0.01	0.02	8270B

BDL - Below Detection Limit

Reported By: *Allen Cheesman*
 Allen Cheesman
 Lab Director

AC/lr/inref059



Environmental Certification Labs, Inc.

P.O. Box 569 • Farmersburg, IN 47850-0569

(812) 696-5076 • 1-800-458-3489

Fax (812) 696-2596

November 06, 1996

Mr. Joe Finch
Indian Refining Company
South 7th Street
Lawrenceville, IL 62439-0240

Sample ID: Humes Comp.

Sample Type: Composite

Sample Date/Time: 10-28-96/0800

CL Sample ID: 24060

<u>Parameter</u>	<u>Analysis</u>	<u>Units</u>	<u>Method</u>	<u>Analysis Date/Analyst</u>
Corrosivity	4.83	Std.	SW846 9045B	10-30-96/DS

Reported By: Allen Cheesman, Lab Director

AC/ir

INREF060.WPS



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live

Edan Bayh
Governor

Michael O'Connor
Commissioner

100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
Telephone 317-232-8603
Environmental Helpline 1-800-451-6027

Office of Solid and Hazardous Waste Management **Special Waste Certification No. 60764**

Pursuant to 329 IAC 10-8-8, the following generator:

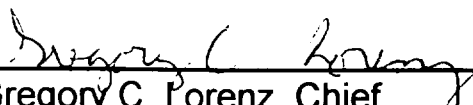
Indian Refining Company
South 7th Street
Lawrenceville, IL 62439

has received certification from the Indiana Department of Environmental Management, Office of Solid and Hazardous Waste Management, for the following waste stream(s):

soils contaminated with crude oil refining intermediates

These wastes may be disposed at any sanitary landfill specified under 329 IAC 10-8-2 as an acceptable site for the disposal of waste which is certified as a special waste. A list of acceptable disposal sites is available from the Solid Waste Permit Section at the above address or by calling 317/232-3111. General and Special Conditions that apply to this certification are indicated on the reverse side.

This certification shall expire exactly 5 years from the effective signature date below.



Gregory C. Lorenz, Chief
Special Waste Permit Section
Solid Waste Facilities Branch
Solid and Hazardous Waste Management

12/19/96
Date

General Conditions That Apply to All Special Waste Certifications:

1. The generator and/or the hauler shall provide the landfill with a copy of this certification along with advanced notification of intended disposal and provide a disposal notification form with each load disposed.
2. If nuisance or pollution conditions are created, immediate corrective action shall be taken.
3. Waste material(s) accepted under this certification shall be included on the Special Waste Monthly Report submitted to this Office by the landfill.
4. Special Waste(s) may not be disposed at any landfill subject to corrective action under 329 IAC 10-21-13 or at any landfill which fails to maintain compliance with 329 IAC 10.
5. It is the generator's responsibility to properly dispose of all wastes at acceptable sites. It is also the responsibility of the disposal site to notify the generators if the site's disposal status changes.
6. Any changes in the raw materials, the process(es) generating the waste, or the characteristics of the waste stream(s) shall be reported in writing to the IDEM and the disposal site prior to further disposal. If it is determined that the change is substantial, this certification shall be voided by written notification from IDEM.
7. The waste(s) shall not contain free liquids.
8. The waste(s) shall not present a fire or explosion hazard.

Special Conditions That Are Required For Disposal of the Waste(s) Will Be Indicated By The Reviewer's Initials:

- _____ 1. A new TCLP shall be provided to the IDEM at the time of renewal of this certification. Each waste stream shall be analyzed separately.
- _____ 2. In addition to landfills specified under 329 IAC 10-8-2, waste(s) specified on this certification may also be disposed pursuant to 329 IAC 10-8-9 at the following landfills(s):
- Jaw 3. This is an intended one-time only disposal. If the quantity anticipated substantially exceeds the amount anticipated, this office shall be notified in accordance with General Condition No. 6.

Anticipated Disposal Quantity: 200 tons

Jeffrey A Workman
Reviewer/Date 12/16/96

cc: Mr. Joe Finch: Indian Refining Company, P.O. Box 240, Lawrenceville, IL 62439
Mr. Michael Johnson: Advanced Waste Management, 8974 South Trueblood Place, Terre Haute, IN 47802