

**VERNON O. SHUMAKER**  
**CONSULTING ENGINEERS**

423 COMMERCE RD.  
VESTAL, NEW YORK 13851

(607) 798-8081

VERNON O. SHUMAKER, P.E. & L.S.  
CHARLES C. BELLIS, P.E.  
RICHARD J. CALLAGHAN, L.S.

FIORAVANTE CONTI, P.E.  
KENNETH L. MUNNEY, P.E.  
LINDA M. SHUMAKER, P.E.

August 7, 1989

Mr. Thomas J. Killeen  
Facility Closure Section  
Bureau of Hazardous Waste Operations  
Division of Hazardous Substance Regulation  
New York State Department of Environmental Conservation  
50 Wolf Road  
Albany, NY 12233

RE: Closure Plan Certification  
For Industrial Service Corporation  
NYD002221430  
Elmira, New York

Dear Mr. Killeen:

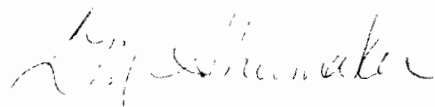
Industrial Service Corporation provided your office a facility Closure Plan (March 1985) and Additions and Modifications to the Approved Plan (August 1988) under the provisions of the Resource Conservation and Recovery Act (RCRA) and 6NYCRR Part 373-3 for closure of a hazardous waste storage area at 926 Stowell Road, Elmira, New York.

The attached Closure Plan Certification includes a summary of closure proceedings and laboratory results.

Please contact this office if you have any questions.

Very truly yours,

VERNON O. SHUMAKER  
CONSULTING ENGINEERS



L. M. Shumaker, P.E.

LMS/11g

Enclosure

cc: Joseph C. Morgan, w/encl.  
Joseph Gavin, w/encl.

INDUSTRIAL SERVICE CORPORATION  
926 Stowell Road  
Elmira, New York

NYD 002221430

CLOSURE PLAN CERTIFICATION  
HAZARDOUS WASTE STORAGE AREA

July 25, 1989

VERNON O. SHUMAKER  
CONSULTING ENGINEERS  
423 COMMERCE ROAD  
VESTAL, NEW YORK 13850

INDUSTRIAL SERVICE CORPORATION  
926 STOWELL ROAD  
ELMIRA, NEW YORK  
NYD 00221430

CLOSURE PLAN CERTIFICATION  
HAZARDOUS WASTE STORAGE AREA  
JULY 25, 1989

I. SUMMARY OF CLOSURE PROCEEDINGS

- |                   |   |   |
|-------------------|---|---|
| February 1985     | - | Closure Plan submitted to New York State Department of Environmental Conservation (NYSDEC).   |
| April 1985        | - | Revision to February submittal of Closure Plan.   |
| March 1985        | - | Approved Closure Plan by NYSDEC.  |
| May 1988          | - | Request by NYSDEC for Modifications to Existing Plan.   |
| July 1988         | - | Professional Engineer's services retained. Plant inspection by Engineer.  |
| August 1988       | - | Additions and Modifications to Approved Plan Submitted to NYSDEC.   |
| October 1988      | - | Approved Additions and Modifications by NYSDEC.   |
| December 28, 1988 | - | Legal Notice in Elmira Newspaper requesting comments on Closure Plan.   |
| January 28, 1989  | - | Close of Public Comment Period.   |
| May 12, 1989      | - | Decontamination of storage area by Industrial Service Corporation with Engineer guidance.   |
| May 16, 1989      | - | Sampling of Hazardous Waste Area by Engineer per attached procedure. Analyses of Samples by a certified laboratory for Total Cadmium, Total Lead and Complexed Cyanide (Sample #1) and EP Toxic Metals (Sample #3). |
| June 15, 1989     | - | Sampling results submitted to NYSDEC by Engineer.   |
| July 19, 1989     | - | Approval of sampling results by NYSDEC and request for Statement of Closure Certification.  |

## II. SAMPLING PROCEDURES AND ANALYTICAL RESULTS

A. Date: May 16, 1989

1. - Sample #1 Chiseled from concrete floor where hazardous drums were stored
- Sample #3 Chiseled from steel electropolishing tank
2. Prior to sampling for #1, the concrete floor area was cleaned.
3. A hammer and chisel were used to obtain Sample #1.
4. Total Cadmium and Total Lead were analyzed in Sample #1.
5. The steel electropolishing tank was cleaned prior to sampling for #3.
6. A hammer and chisel were used to obtain Sample #3.
7. The steel electropolishing tank originally contained a lead containment liner which had been cut out in pieces. The liner is proposed to be used again for future electropolishing procedures. The steel tank will be sold for scrap.
8. EP Toxic Metals were analyzed in Sample #3.

# SUMMARY

## INDUSTRIAL SERVICE CORPORATION HAZARDOUS WASTE STORAGE SAMPLING

May 16, 1989

<u>Sample #</u>	<u>Parameter</u> (Mg/Kg)		
	<u>Cyanide-Ox</u>	<u>Cadmium-T</u>	<u>Lead-T</u>
1	<16.0	6.9	120.0

<u>Parameter</u> (Mg/Kg)								
	<u>Arsenic</u>	<u>Barium</u>	<u>Cadmium</u>	<u>Chromium-T</u>	<u>Lead</u>	<u>Mercury</u>	<u>Selenium</u>	<u>Silver</u>
3	32.0	3.8	39.0	27.0	14000	0.13	<0.5	<1.5

Laboratory Analysis Reports attached.



NATIONAL  
ENVIRONMENTAL  
TESTING, INC.

NET Northeast, Inc.  
5854 Butternut Drive  
East Syracuse, NY 13057  
Tel: (315) 446-8795  
Fax: (315) 449-1611

Formerly CS Environmental Laboratory, Inc.

To: VERNON D. SHUMAKER ENGINEERS  
423 COMMERCE ROAD  
VESTAL, NY 13850

Date: Jun 12 1989

Attention: MS. L. SHUMAKER

\*\*\*\*\*

SAMPLE #6291

LABORATORY ANALYSIS REPORT

\*\*\*\*\*

SAMPLE SUMMARY

CLIENT : VERNON D. SHUMAKER ENGINEERS

DATE RECEIVED : 05/17/89

JOB # : 460.004.00

DATE COLLECTED : 05/16/89

LOCATION : #1 - INDUSTRIAL SERVICES CORP.

TIME COLLECTED : 1030

METHOD : GRAB

PARAMETER

RESULTS

UNITS

CYANIDE OX

<16.

mg/kg\*

CADMIUM

6.9

mg/kg\*

LEAD

120.

mg/kg\*

V. O. SHUMAKER

RECEIVED

JUL 25 1989

\* WET WEIGHT

..... KLM .....  
..... WWA .....  
..... PFS .....  
..... LMS .....  
..... AFB .....  
.....  
.....  
ACTION .....  
FILE .....

BILLED .... 1989

NET warrants that any sampling and analyses conducted as part of this report are performed in accordance with the analytical industries recognized methodologies and professional standards. NET will not assume liability for any damages resulting from deficient work other than reperformance or cost of said work and will not accept any liability as a result of data interpretation by the client.

NYSDOH - ELAP #10067

APPROVED BY: Conrad Tenzel DATE: JUN 12 1989



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423 COMMERCE ROAD  
VESTAL, NY 13850

Date: Jun 12 1989

Attention: MS. L. SHUMAKER

\*\*\*\*\*

SAMPLE #6292

LABORATORY ANALYSIS REPORT

\*\*\*\*\*

SAMPLE SUMMARY

CLIENT : VERNON D. SHUMAKER ENGINEERS DATE RECEIVED : 05/17/89  
JOB # : 460.004.00 DATE COLLECTED : 05/16/89  
LOCATION : #3 - INDUSTRIAL SERVICES CORP. TIME COLLECTED : 1130  
METHOD : GRAB

PARAMETER	RESULTS	UNITS
ARSENIC	32.	mg/kg*
BARIUM	3.8	mg/kg*
CADMIUM	39.	mg/kg*
CHROMIUM-T	27.	mg/kg*
LEAD	14000.	mg/kg*
MERCURY	0.13	mg/kg*
SELENIUM	0.5	mg/kg*
SILVER	1.5	mg/kg*

\* WET WEIGHT

BILLED JUN 16 1989

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NYSDOH - ELAP #10067

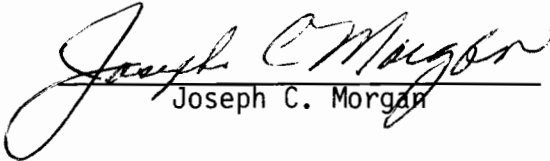
APPROVED BY:

*Conrad Teufel* DATE: JUN 12 1989

### III. CERTIFICATION

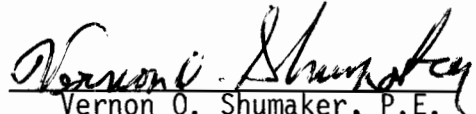
The Industrial Service Corporation has closed a hazardous waste storage area at the 926 Stowell Road, Elmira, New York facility in accordance with the provisions of the Resource Conservation and Recovery Act (RCRA) and 6NYCRR Part 373-3 and in accordance with the specifications contained in the approved Closure Plan.

INDUSTRIAL SERVICE CORPORATION

  
\_\_\_\_\_  
Joseph C. Morgan

Date: 7-28-89

VERNON O. SHUMAKER  
CONSULTING ENGINEERS

  
\_\_\_\_\_  
Vernon O. Shumaker, P.E.  
NYS License No. 27884

Date: 8-1-89



**VERNON O. SHUMAKER**

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FIORAVANTE CONTI, P.E.  
KENNETH L. MUNNEY, P.E.  
LINDA M. SHUMAKER, P.E.

June 15, 1989

Thomas J. Killeen  
Facility Closure Section  
Bureau of Hazardous Waste Operations  
Division of Hazardous Substance Regulation  
New York State  
Department of Environmental Conservation  
50 Wolf Road  
Albany, NY 12233

RE: Closure Plan for Industrial Services Corporation  
Elmira, New York

*Serial*

Dear Mr. Killeen:

Per our telephone conversation on June 13, 1989, enclosed are the laboratory analysis results from the sampling performed at Industrial Services Corporation on May 16, 1989 in accordance with the referenced closure plan.

Please note Sample #1 was chiseled from the concrete floor where hazardous waste drums were stored, and Sample #3 was chiseled from the steel electropolishing tank outer wall (slightly rusted). This tank originally had a leaded containment liner which had been removed. This tank is proposed to be used for future electropolishing procedures. *Lead will be re used but the tank will not.*

Please advise this office whether these results are acceptable to the New York State Department of Environmental Conservation or more sampling is required.

Very truly yours,

**RECEIVED**

JUN 21 1989

Bureau of  
Hazardous Waste Program Development  
Division of  
Hazardous Substances Regulation

VOS/LMS/1  
Enclosure

VERNON O. SHUMAKER  
CONSULTING ENGINEERS

*Linda M. Shumaker*  
Linda M. Shumaker, P.E.

cc: Joseph C. Morgan, w/enc.  
Joseph Galloway, w/enc.



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Date: Jun 12 1989

Attention: MS. L. SHUMAKER

\*\*\*\*\*  
SAMPLE #6292  
LABORATORY ANALYSIS REPORT  
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SAMPLE SUMMARY

CLIENT : VERNON O. SHUMAKER ENGINEERS DATE RECEIVED : 05/17/89  
JOB # : 460.004.00 DATE COLLECTED : 05/16/89  
LOCATION : #3 - INDUSTRIAL SERVICES CORP. TIME COLLECTED : 1130  
METHOD : GRAB

PARAMETER	RESULTS	UNITS
ARSENIC	32.	mg/kg*
BARIUM	3.8	mg/kg*
CADMIUM	39.	mg/kg*
CHROMIUM-T	27.	mg/kg*
LEAD	14000.	mg/kg*
MERCURY	0.13	mg/kg*
SELENIUM	<0.5	mg/kg*
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\* WET WEIGHT

NET warrants that any sampling and analyses conducted as part of this report are performed in accordance with the analytical industries recognized methodologies and professional standards. NET will not assume liability for any damages resulting from deficient work other than reperformance or cost of said work and will not accept any liability as a result of data interpretation by the client.

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APPROVED BY: Conrad Teufel DATE: JUN 12 1989



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JOB INDUSTRIAL SERVICES CORP.

SHEET NO. \_\_\_\_\_ OF \_\_\_\_\_

CALCULATED BY JDH DATE \_\_\_\_\_

CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_

SCALE \_\_\_\_\_

