FINAL

RCRA CLOSURE INSPECTION REPORT

PRIES ENTERPRISES, INC.
INDEPENDENCE, IA

TES IX
TRIP REPORT

RECEIVED
OCT 12 1993
IOWA SECTION

PREPARED FOR:

U.S. ENVIRONMENTAL PROTECTION AGENCY
REGION VII, Iowa/RCRA
Kansas City, KS 66101

Work Assignment No.	:	R07055
EPA Region	:	VII
EPA ID Number	:	~~IAD065215592~~
Date Prepared	:	October 04, 1993
Revision	:	0
Contract Number	:	68-W9-0006
Prepared By	:	B&V Waste Science and Technology Corp.
Contractor Project Manager	:	Mike MacLeod
Telephone Number	:	(913) 338-6587
EPA Work Assignment Manager	:	Don Lininger
Telephone Number	:	(913) 551-7724

RCRA
53446

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Trip Report

Pries Enterprises, Inc. Closure Activities
Independence, IA

Purpose

PRC Environmental Management Inc. (PRC) received TES IX Work Assignment No. R07055 from the U.S. Environmental Protection Agency (USEPA) under Contract No. 68-W9-0006. B&V Waste Science and Technology Corp. (BVWST), under subcontract to PRC, was asked to provide oversight during the closure sampling for the former hazardous waste drum storage area at Pries Enterprises, Inc. (Pries) in Independence, Iowa. As part of this oversight activity, BVWST reviewed USEPA files, oversaw field activities, and collected split wash water samples.

The specific objectives of the closure oversight activities at the Pries facility were as follows:

(1) Conduct a visual inspection of the former hazardous waste drum storage area. This included documenting the physical condition of the hazardous waste drum storage area through both a photographic and written record (Attachments A and B, respectively). The inspector focused on potential release points and transport mechanisms.

(2) Provide oversight during the decontamination of the former hazardous waste drum storage area and during the collection of samples from solid waste, wash water, and rinsate resulting from cleanup of the hazardous waste drum storage area. This required a detailed tracking of the sampling techniques and the quality control and quality assurance procedures used by Pries' contractor during closure activities. Deviations from the approved closure plan (with modifications) were noted.

(3) Collect split samples of concrete pad decontamination rinse water to assess the accuracy of the analytical laboratory used by the facility. The split sample analytical results were also compared with facility sampling results to verify closure certification of the former hazardous waste drum storage area.

Field Work

Pries is located in Independence, Iowa, at 1701 Seventeenth Street. The facility mailing address is Pries Enterprises, Inc., 1701 Seventeenth Street, Independence, Iowa 50644.

Pries is an aluminum extruder with fabrication/assembly capabilities. In 1986 construction began at the Pries facility to add an aluminum extrusion painting operation. The painting operation was composed of seven dip tanks for cleaning and etching, paints drying, paint application, and paint curing of aluminum extrusions. The first tank contained an alkaline phosphate cleaner. The next two tanks contained rinse water. The fourth tank contained a hexavalent chromium solution. The last three tanks contained rinse water, a solution of sodium hydroxide and sodium phosphate, and deionized water. Pilot studies were run on the painting operation, but were suspended in the fall of 1987 due to poor performance. Suspension of the painting operation required draining and treatment of the water in the tanks. Treatment of the water generated a sludge containing regulated hazardous wastes listed as F019 and characterized as D007. F019 listed wastes are wastewater sludges from the chemical conversion coating of aluminum. D007 wastes are characteristic toxic wastes due to chromium content.

Sludges were stored in 55-gallon drums on site. In June 1988, 49 55-gallon drums of waste had been generated. Pries contracted Chemical Waste Management (CWM) to ship forty drums to their landfill in Calumet City, Illinois. Thirty-four additional drums were generated by Pries and were shipped along with the remaining nine drums on November 4, 1988, by CWM to the landfill.

Drums of sludge had accumulated in the hazardous waste drum storage area in excess of the 90 day limit for small quantity generators specified in Title 40 Code of Federal Regulations (CFR) Part 262.34. A map of the Pries facility showing the location of the former hazardous waste drum storage is provided in Attachment C. Pursuant to the requirements of 40 CFR Part 262, the USEPA Region VII required that the hazardous waste drum storage area undergo clean closure.

All closure activities were conducted by Derrick Anderson of Terracon Environmental Inc. for Pries. BVWST performed closure oversight and conducted clean closure verification sampling on February 27, 1992. Ken Lewis of BVWST conducted the oversight of the closure activities. BVWST obtained split samples of the rinse water used to wash the former hazardous waste drum storage area concrete floor. Split samples were obtained from Terracon samples 4 and 5.

BVWST submitted three water samples (splits of 4 and 5, and a water trip blank) to the USEPA Region VII Laboratory on March 2, 1992 (Table 1). All samples were labeled and packaged according to the specifications outlined in the sampling plan, which was approved by the work assignment manager and the Quality Assurance Department (QADE) of the Environmental Services Division of USEPA Region VII. The samples were analyzed for total chromium. The target compound reported is total chromium. BVWST investigation-derived wastes (IDW) were disposed of with Terracon's IDW.

Deviations from Proposed Field Work

Decontamination of brushes, containers, and personal protective equipment using an inorganic cleanser and potable water was proposed in the closure plan. Instead, brushes, mop heads, absorbent pigs, and personal protective equipment were containerized in a 55-gallon drum. Boots and face masks were decontaminated with an inorganic cleaner and rinsed with potable water.

Observations

No unusual conditions or new potential environmental problems were noted at this facility during the closure sampling activities. The former hazardous waste drum storage area was relatively clean and nothing was stored at the location when BVWST arrived onsite on February 27, 1992. The ground outside the building directly adjacent to the hazardous waste drum storage area did not appear discolored or have stressed vegetation. Facility personnel estimated the perimeter of the area where wastes were stored. The attached photographic record (Attachment A) shows the initial condition of the former hazardous waste drum storage area, the area outside the former hazardous waste drum storage area, and the equipment used by Terracon during the closure activities.

Data Summary

The primary contaminant of concern at the Pries facility was total chromium. Analytical data produced from the split samples submitted to the USEPA Region VII Laboratory are included in Table 2. The transmittal of analytical data returned by the USEPA Region VII Laboratory is included as Attachment D.

Analytical results from the closure split samples collected at Pries Enterprises show that concentrations of total chromium in the split samples were well below the

Table 1

Split Sample Collection Summary
Sample Series: ADF79
Pries Enterprises, Inc.
Independence, IA
February 27, 1992

Sample No.	Location	Time	Matrix
001	Terracon Closure Verification Sample Number 4	1140	Water
002	Terracon Closure Verification Sample Number 5	1145	Water
003	Trip Blank	1150	Water

Table 2

Data Summary and Comparison of Split
Sample Analytical Results
Sample Series: ADF79
Pries Enterprises, Inc.
Independence, IA
February 27, 1992

BVWST/EPA Split Sample No.	Pries Enterprises Sample No.	BVWST/EPA Analytical Result (mg/L)	Pries Enterprises Analytical Result (mg/L)	Relative Percent Difference (%)[1]
001	4	0.0902	0.088	2.4
002	5	0.0886	0.100	12.9
003	BVWST Field Blank	ND[2]	--	--

1. Relative Percent Difference (RPD) = ((BVWST/USEPA Results - Pries Enterprises Results) ÷ (BVWST/USEPA Result)) * (100%)

2. ND: Non-Detected.

USEPA required performance standard (5.0 milligrams per liter (mg/L)). Analytical results from Pries samples, which were submitted to the USEPA WAM by Pries, also indicate that concentrations of total chromium were well below the USEPA required performance standard.

Although analytical results of all split samples were below the performance standard, the relative percent difference (RPD) between BVWST/USEPA analytical results and Pries Enterprises analytical results was calculated to evaluate total method precision for split analytical results. The RPD between BVWST/USEPA split sample number 001 and corresponding Pries Enterprises sample number 4 is 2.4%. The RPD between BVWST/USEPA split sample number 002 and corresponding Pries Enterprises sample number 5 is 12.9%. A 95% confidence interval between BVWST/USEPA and Pries Enterprises analytical results was specified in the Quality Assurance Project Plan developed by BVWST for closure oversight at the Pries Enterprises facility. While split sample number 001 is within this confidence interval, split sample number 002 exceeds the confidence interval. However, because the results of both sets of split samples are well within the performance standard, no deviations from the facility's sampling protocol were observed. No immanent threats to human health and the environment associated with the former hazardous waste drum storage area were observed, so there is no reason to deem the split sample results unacceptable or to require further sampling.

Summary

Each of the specific objectives of closure oversight activities at the Pries Enterprises, Inc. facility were met as follows:

(1) A visual inspection of the former hazardous waste drum storage area was conducted and documented through written and photographic record. The photographic record of the inspection is included in Attachment A. A copy of the written record is included in Attachment B.

(2) Oversight of all closure activities was performed and exceptions to the approved closure plan have been noted in this report.

(3) Split samples were collected from closure verification rinsate samples. Analytical results from the Pries samples and BVWST split samples indicate that concentrations of the primary contaminant (total chromium) was less than the closure performance standard (5 mg/L). Split samples results were also compared to the analytical results from the Pries contractor to verify clean closure of the former hazardous waste drum storage area.

Attachment A

Photographic Record

Photo No.: 1 Direction: Southeast Photographer: Ken Lewis
Date: 2-27-92 Description: Concrete floor prior to closure activities.

Photo No.: 2 Direction: South Photographer: Ken Lewis
Date: 2-27-92 Description: Terracon washing wall near storage area.

Photo No.: 3 Direction: Southeast Photographer: Ken Lewis
Date: 2-27-92 Description: Area that underwent clean closure -- outlined by white absorbant pigs.

Photo No.: 4 Direction: South Photographer: Ken Lewis
Date: 2-27-92 Description: Terracon moping floor of storage area.

Photo No.: 5 Direction: South Photographer: Ken Lewis
Date: 2-27-92 Description: Terracon collecting sample of rinsewater for analysis.

Photo No.: 6 Direction: North Photographer: Ken Lewis
Date: 2-27-92 Description: Terracon placing mop water into a 55-gallon drum.

Photo No.: 7 Direction: West Photographer: Ken Lewis
Date: 2-27-92 Description: Terracon collecting absorbent pigs for disposal.

Photo No.: 8 Direction: Southeast Photographer: Ken Lewis
Date: 2-27-92 Description: Storage area following clean closure.

Attachment B

Field Notes

CLOSURE OVERSIGHT AND
RCRA COMPLIANCE INSPECTIONS
AT PRIES ENTERPRISES, INC.

INDEPENDENCE, IA

FEB. 27, 1992

Feb 27, 1992

08:00 Ken Lewis arrived at site & met with Merle MacMahon (President of Prices Ent.) and Derrik Anderson (Terrecon Consultants)

08:05 We went to the former drum storage area. The area is a 20 x 40' area on a flat concrete surface. No cracks or seams were present in the concrete. Terrecon asks for warm water potable source.

Photo No. 1 Direction: SW
08:15 Former drum storage area

Photo No. 2 Dir: South
08:17 Former drum storage area Showing black stain at west end of storage area

Photo No. 3 Dir: East
08:20 Former drum storage area

The drum storage area is fairly clean with a black stain at the west end of the area. The area is on one pad of concrete with no seams. Nothing is stored in the area on Feb 27. Storage area is in a traffic way where vehicles drive thru.

08:25 I inspected the ground directly outside the building adjacent to the storage area.

Photo No. 4 Dir. NE
08:25 Outside of building and ground surface nearest to former storage area.

Photo No 5 Dir. NW
0:826 Same as No. 4.

The ground surface did not appear to be contaminated. No stains, grass growing there.

Derrick Anderson began setting up equipment for closure activities. He stated that the mop bucket and mop were new and had never been used. He rinsed them with cold water and discharged water outside.

I informed Mr. MacMahon that following closure activities I would be conducting a RCRA CEI. He said he had to leave shortly after 2:00 pm today. I said we can probably get finished by than if not we can resume in the morning.

08:40 Terrecon began mixing mop water using a detergent. (Alconox) 4 packs of soap to a mop bucket

08:45 Terrecon got warm water for the wash at faucet.

Photo No. 6 Dir NW
Warm water and soap mixing
08:45

08:50 Derrick suited up to begin activities
55 gallon lined
Terrecon has two drums: (1) solids such as PPE (2) and wash & rinse water.

08:55 Terrecon began sweeping solids.

Photo No. 7 Dir. East
Terrecon sweeping floor of former haz. waste storage area.

Terrecon used a dry sponge to remove solids from the adjacent wall so that solid could be swept up. Sponge disposed in drum.

Terrecon set up equipment so that when someone entered the proposed closure area all equipment could be retrieved w/o stepping out of the area.

09:10 Terrecon finished sweeping. About 1/4 gallon of solids were collected

Photo No. 8 : Dir South
Terrecon collected solids in a sample bottle and disposing of solid in drum.

09:15 Terrecon laid down absorbent pigs around perimeter of the area.

Photo 9 Dir East 09:20
Drums used to contain waste and drum storage area outlined by absorbant pigs.

09:25 Began sponge washing wall with soap and water. Wall is a corrugated tin wall.

9:40 Began mopping floor.

Photo No. 11 NE
09:45 Mopping floor

10:00 Moping finished (1st wash)
Mop water placed in 55-gallon drum. Water sampled. Bucket wash twice.

10:15 Second washing began

10:20 Photo 14 South
Second washing with Soap & Water

2-27-92

10:50 Terrecon finish second wash and sample wash water. Double rinse the mop bucket. The mop head was changed. Old one placed in drum

11:10 Started rinse

11:15
Photo No. 15 East
Rinsing of wall by Terrecon.

11:30 Photo 16 East
Moping floor.

11:35 Rinse completed.

11:40 Terrecon collected sample of rinse water #4 BUWST split # 001
Preserved

11:45 Sample (duplicate sample) Terrecon No 5 (BUWST # 002)
Preserved

11:50 Preserved blank. with acid

Packaged samples and packed in cooler; filled out paper work.

Terrecon closed the drum of waste water. Approximately 25 gallons of waste generated total.
Could not get lid properly on the drum. Finally got lid on drum

~~12:15 Photo~~
12:00 Terrecon pickup absorbant pigs and put in 55-gallon drum.

12:15 Photo East
Storage area following closure

Terrecon took off PPE and drumed.

12:20 Drums remaining after clean up
South

12:20 Closure activities completed.

2:00 Called Don Linnger USEPA concerning inspection issues as follows.

1. Drums of methyl parathion noted in previous inspection. Don stated that the incident with these drums was resolved between Pries & USEPA.

2 Cooling water discharged to sanitary sewer. Don stated that this issue was between Pries and the city of Independence, Iowa as long as Pries has notified the city.

3. Waste oil to ~~Northland Oil Products.~~ Cedar Falls Drain Service Don stated that I should call the Cedar Falls Drain service to see if they burn the oil at their facility.

4. Parco Cleaner 334 noted in previous inspection. Mr. McMahon stated that this was caustic cleaner used to clear drés. It was placed in the caustic treatment system, treated with sulfuric acid and discharged to the sanitary sewer system. Don stated that if the MSDS sheet stated it was only corrosive, this activity was ok.

2:15 Telephone Cedar Falls Drain Service.

I asked if they incarerated or burned waste oil on the Cedar Falls Drain facility. The receptionists said no. Cedar Falls Drain Service only collects waste oil. Waste oil is collected and sold to road construction companies who burn the oil to heat asphalt for road construction.

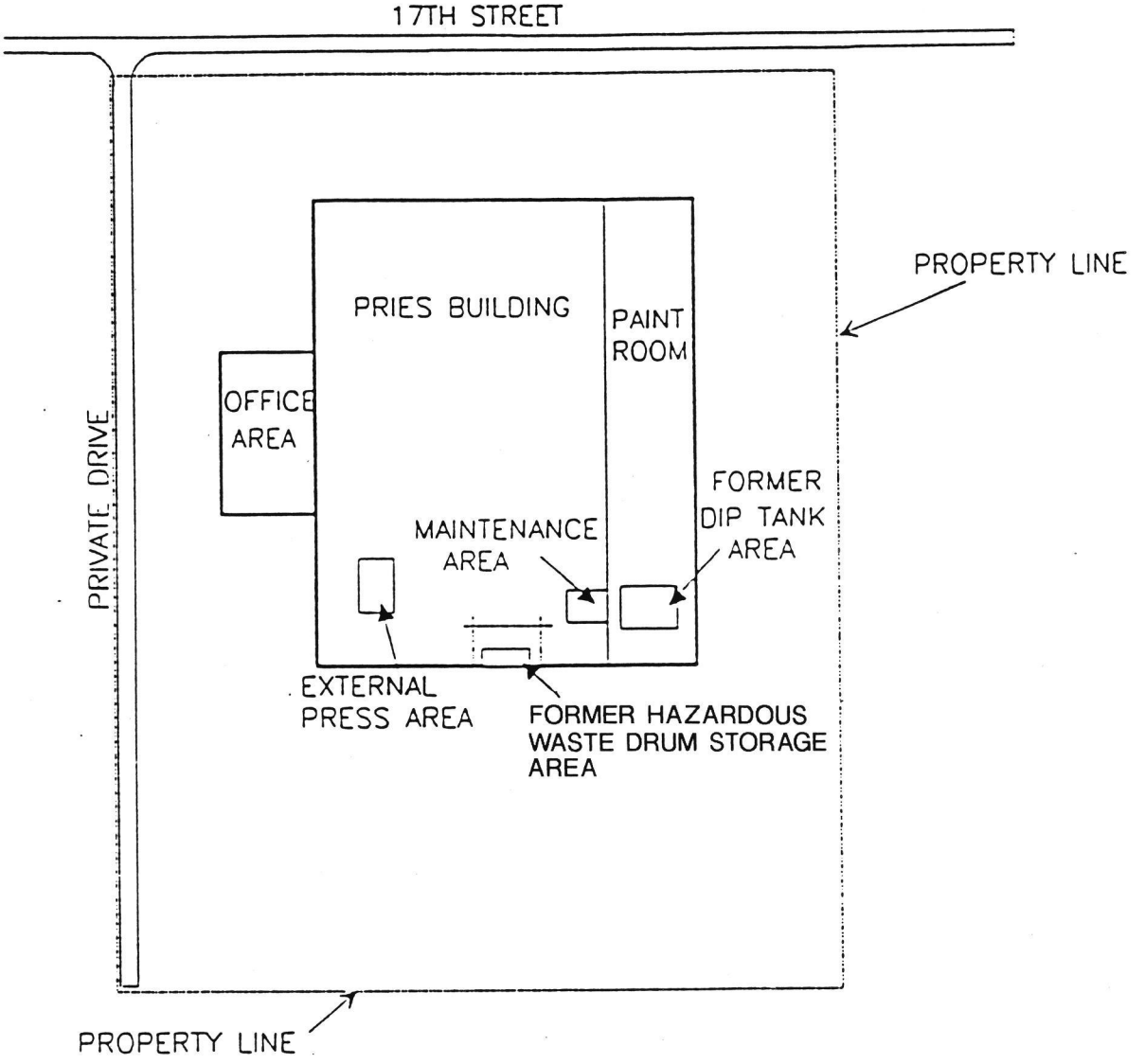
2:45 Filled out NOV form. Mr McMahon signed the NOV and took the top copy. Mr McMahon signed the Receipt for Documents form before the NOV form.

3:00 Left the facility

Kenneth Lewis
2-27-92

Attachment C

Site Map



N

APPROXIMATE SCALE

FEET 100

LEGEND

PROPERTY LINE

FIGURE 2.
SITE SKETCH
PRIES ENTERPRISES
701 17TH STREET
INDEPENDENCE, IOWA
PROJECT NO. 42905060

Terracon

Attachment D

Transmittal of Analytical Data/Field Sheets/Chain-of-Custody Form

ANALYSIS REQUEST REPORT

VALIDATED DATA

FOR ACTIVITY: ADF79

DONA. B.

03/05/92 17:11:20

ALL REAL SAMPLES AND FIELD Q.C.

* FINAL REPORT

FY: 92 ACTIVITY: ADF79 DESCRIPTION: PRIES ENTERPRISES. INC. LOCATION: INDEPENDENCE IOWA

STATUS: ACTIVE TYPE: SAMPLING - IN HOUSE ANALYSIS PROJECT: A60

LABO DUE DATE IS 4/ 1/92. REPORT DUE DATE IS 4/18/92.

INSPECTION DATE: 2/27/92 ALL SAMPLES RECEIVED DATE: 03/02/92

ALL DATA APPROVED BY LABO DATE: 03/05/92 FINAL REPORT TRANSMITTED DATE: 00/00/00

EXPECTED LABO TURNAROUND TIME IS 30 DAYS EXPECTED REPORT TURNAROUND TIME IS 51 DAYS

ACTUAL LABO TURNAROUND TIME IS 3 DAYS ACTUAL REPORT TURNAROUND TIME IS 0 DAYS

SITE CODE: SITE:

SAMP. NO.	OCC	M	DESCRIPTION	SAMPLE # STATUS	CITY	STATE	AIRS/ STORET LOC NO	SECT	LAY-ER	BEG. DATE	BEG. TIME	END. DATE	END. TIME
001		W	PRIES ENTERPRISES-SPLIT SAMPLE NO. 4	1	INDEPENDENCE	IOWA				02/27/92	11:40	02/27/92	11:40
002		W	PRIES ENTERPRISES-SPLIT SAMPLE NO. 5	1	INDEPENDENCE	IOWA				02/27/92	11:45	02/27/92	11:45
005	F	W	ACID BLANK FOR PRIESE SITE	1	INDEPENDENCE	IOWA				02/27/92	:	02/27/92	:

EXPLANATION OF CODES AND INFORMATION ON ANALYSIS REQUEST DETAIL REPORT

SAMPLE INFORMATION:

SAMP. NO. = SAMPLE IDENTIFICATION NUMBER (A 3-DIGIT NUMBER WHICH IN COMBINATION WITH THE ACTIVITY NUMBER AND QCC. PROVIDES AN UNIQUE NUMBER FOR EACH SAMPLE FOR IDENTIFICATION PURPOSES)

QCC = QUALITY CONTROL CODE (A ONE-LETTER CODE USED TO DESIGNATE SPECIFIC QC SAMPLES. THIS FIELD WILL BE BLANK FOR ALL NON-QC OR ACTUAL SAMPLES):
- A = TRUE VALUE FOR CALIBRATION STANDARD
- B = CONCENTRATION RESULTING FROM DUPLICATE LAB SPIKE
- C = MEASURED VALUE FOR CALIBRATION STANDARD
- D = MEASURED VALUE FOR FILED DUPLICATE
- F = MEASURED VALUE FOR FIELD BLANK
- G = MEASURED VALUE FOR METHOD STANDARD
- H = TRUE VALUE FOR METHOD STANDARD
- K = CONCENTRATION RESULTING FROM DUPLICATE FIELD SPIKE
- L = MEASURED VALUE FOR LAB DUPLICATE
- M = MEASURED VALUE FOR LAB BLANK
- N = MEASURED VALUE FOR DUPLICATE FIELD SPIKE
- P = MEASURED VALUE FOR PERFORMANCE STANDARD
- R = CONCENTRATION RESULTING FROM LAB SPIKE
- S = MEASURED VALUE FOR LAB SPIKE
- T = TRUE VALUE OF PERFORMANCE STANDARD
- W = MEASURED VALUE FOR DUPLICATE LAB SPIKE
- Y = MEASURED VALUE FOR FIELD SPIKE
- Z = CONCENTRATION RESULTING FROM FIELD SPIKE

M = MEDIA CODE (A ONE-LETTER CODE DESIGNATING THE MEDIA OF THE SAMPLE):
- A = AIR
- H = OTHER (DOES NOT FIT ANY OTHER CATEGORY)
- S = SOLID (SOIL. SEDIMENT. SLUDGE)
- T = TISSUE (PLANT & ANIMAL)
- W = WATER (GROUND WATER. SURFACE WATER. WASTE WATER. DRINKING WATER)

DESCRIPTION = A SHORT DESCRIPTION OF THE LOCATION WHERE SAMPLE WAS COLLECTED

AIRS/STORET LOC. NO. = THE SPECIFIC LOCATION IDENTIFICATION NUMBER FOR EITHER OF THESE NATIONAL DATABASE SYSTEMS. AS APPROPRIATE

DATE/TIME INFORMATION = SPECIFIC INFORMATION REGARDING WHEN THE SAMPLE WAS COLLECTED
- BEG. DATE = DATE SAMPLING WAS STARTED
- BEG. TIME = TIME SAMPLING WAS STARTED
- END DATE = DATE SAMPLING WAS COMPLETED
- END TIME = TIME SAMPLING WAS COMPLETED
- NOTE: A GRAB SAMPLE WILL CONTAIN ONLY BEG. DATE/TIME
  A TIMED COMPOSITE SAMPLE WILL CONTAIN BOTH BEG AND END DATE/TIME TO DESIGNATE DURATION OF SAMPLE COLLECTION

OTHER CODES:
- V = VALIDATED

ANALYTICAL RESULTS/MEASUREMENTS INFORMATION:

COMPOUND = MGP (MEDIA-GROUP-PARAMETER) CODE AND NAME OF THE MEASURED CONSTITUENT OR CHARACTERISTIC OF EACH SAMPLE

UNITS = SPECIFIC UNITS IN WHICH RESULTS ARE REPORTED:
- C = CENTIGRADE (CELSIUS) DEGREES
- CFS = CUBIC FEET PER SECOND
- GPM = GALLONS PER MINUTE
- IN = INCHES
- I.D. = SPECIES IDENTIFICATION
- KG = KILOGRAM
- L = LITER
- LB = POUNDS
- MG = MILLIGRAMS (1 X 10-3 GRAMS)
- MGD = MILLION GALLONS PER DAY
- MPH = MILES PER HOUR
- MV = MILLIVOLT
- M/F = MALE/FEMALE
- M2 = SQUARE METER
- M3 = CUBIC METER
- NA = NOT APPLICABLE
- NG = NANOGRAMS (1 X 10-9 GRAMS)
- NTU = NEPHELOMETRIC TURBIDITY UNITS
- PC/L = PICO (1 X 10-12) CURRIES PER LITER
- PG = PICOGRAMS (1 X 10-12 GRAMS)
- P/CM2 = PICOGRAMS PER SQUARE CENTIMETER
- SCM = STANDARD CUBIC METER (1 ATM. 25 C)
- SQ FT = SQUARE FEET
- SU = STANDARD UNITS (PH)
- UG = MICROGRAMS (1 X 10-6 GRAMS)
- UMHOS = MICROMHOS/CM (CONDUCTIVITY UNITS)
- U/CC2 = MICROGRAMS PER 100 SQUARE CENTIMETERS
- U/CM2 = MICROGRAMS PER SQUARE CENTIMETER
- 1000G = 1000 GALLONS
- +/- = POSITIVE/NEGATIVE
- # = NUMBER

DATA QUALIFIERS = SPECIFIC CODES USED IN CONJUNCTION WITH DATA VALUES TO PROVIDE ADDITIONAL INFORMATION ON THE REPORTED RESULTS. OR USED TO EXPLAIN THE ABSENCE OF A SPCIFIC VALUE:
- BLANK = IF FIELD IS BLANK. NO REMARKS OR QUALIFIERS ARE PERTINENT. FOR FINAL REPORTED DATA. THIS MEANS THAT THE VALUES HAVE BEEN REVIEWED AND FOUND TO BE ACCEPTABLE FOR USE.
- I = INVALID SAMPLE/DATA - VALUE NOT REPORTED
- J = DATA REPORTED BUT NOT VALID BY APPROVED QC PROCEDURES
- K = ACTUAL VALUE OF SAMPLE IS < VALUE REPORTED
- L = ACTUAL VALUE OF SAMPLE IS > VALUE REPORTED
- M = DETECTED BUT BELOW THE LEVEL OF REPORTED VALUE FOR ACCURATE QUANTIFICATION
- O = PARAMETER NOT ANALYZED
- U = ACTUAL VALUE OF SAMPLE IS < THE MEASUREMENT DETECTION LIMIT (REPORTED VALUE)

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 2-ADF79 VALIDATED DATA

COMPOUND	UNITS	001	002	005F		
WM08 CHROMIUM. TOTAL. BY ICAP	UG/L	90.2	88.6	10 U		
ZZ01 SAMPLE NUMBER	NA	001	002	005		
ZZ02 ACTIVITY CODE	NA	ADF79	ADF79	ADF79		

VALIDATED DATA

ACTIVITY ADF79 PRIES ENTERPRISES. INC.

THE PROJECT LEADER SHOULD CIRCLE ONE - STORET. AIRS. OR ARCHIVE.

CIRCLE ONE: STORET AIRS ARCHIVE

FINAL DATA REPORT APPROVED BY PROJECT LEADER ON 03/05/92 17:11:20 BY Robert B. Doria

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 7
25 FUNSTON ROAD
KANSAS CITY, KANSAS 66115

DATE: MAR 5 1992

MEMORANDUM

SUBJECT: Data Transmittal for Activity #: ADF79
Site Description: Pines Enterprises

FROM: for Andrea Jirka
Chief, Laboratory Branch, ENSV

TO: Dale Bates
Chief, Environmental Services Division Support Branch, ENSV

ATTN: Bob Dona

Attached is the data transmittal for the above referenced site. This should be considered a ____ Partial or X Complete data transmittal (completes transmittal of _____). If you have any questions or comments, please contact Dee Simmons at 551-5129.

cc: Data Files

RECYCLE
PAPER CONTAINS RECYCLED FIBERS

DRAFT

FIELD SHEET

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII

ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

FY: 92 ACTNO: ADF79 SAMNO: 001 QCC: _ MEDIA: WATER PL: DONA, B.

ACTIVITY DES: PRIES ENTERPRISES, INC. REF LATITUDE: __ __ __

LOCATION: INDEPENDENCE IA PROJECT NUM: A60 PT: LONGITUDE: __ __ __

SAMPLE DES: ADF79-001

LOCATION: INDEPENDENCE IA

CASE/BATCH/SMO: _____/_/_____ LAB: ___

STORET/AIRS NO: _____

	DATE	TIME	FROM REF PT	
BEG:	~~03/05/92~~ 2/27/92	11:40	EAST:	____
END:	2/27/92	11:40	NORTH:	____
			DOWN:	____

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
CUBI	5 ML HNO3	WM08	CHROMIUM, TOTAL, BY ICAP

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER:___ OPERABLE UNIT:___

Split Sample of Priese Sample No. 4

SAMPLE COLLECTED BY : Kenneth Lum

DRAFT

FIELD SHEET

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII

ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

FY: 92 ACTNO: ADF79 SAMNO: 002 QCC: _ MEDIA: WATER PL: DONA, B.

ACTIVITY DES: PRIES ENTERPRISES, INC. REF LATITUDE: __ __ __

LOCATION: INDEPENDENCE IA PROJECT NUM: A60 PT: LONGITUDE: __ __ __

SAMPLE DES: ADF79-002

LOCATION: INDEPENDENCE IA

CASE/BATCH/SMO: _____/_/_____ LAB: ___

STORET/AIRS NO: _____

	DATE	TIME	FROM REF PT	
BEG:	~~03/05/92~~ 2/27/92	11:45	EAST:	____
END:	2/27/92	11:45	NORTH:	____
			DOWN:	____

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
CUBI	5 ML HNO3	WM08	CHROMIUM, TOTAL, BY ICAP

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER:___ OPERABLE UNIT:___

Split Sample of Priese Sample No. 5

SAMPLE COLLECTED BY : Kenneth Lewis

DRAFT

FIELD SHEET

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII

ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

FY: 92 ACTNO: ADF79 SAMNO: 005 QCC: F MEDIA: WATER PL: DONA, B.

ACTIVITY DES: PRIES ENTERPRISES, INC. REF LATITUDE: __ __ __

LOCATION: INDEPENDENCE IA PROJECT NUM: A60 PT: LONGITUDE: ___ __ __

SAMPLE DES: ACID BLANK ADF79-005F DATE TIME FROM REF PT

LOCATION: INDEPENDENCE IA BEG: ~~03/05/92~~ 2/27/92 __:__ EAST: ____

CASE/BATCH/SMO: _____/_/_____ LAB: ___ END: 2/27/92 __:__ NORTH: ____

STORET/AIRS NO: _____ DOWN: ____

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
CUBI	5 ML HNO3	WM08	CHROMIUM, TOTAL, BY ICAP

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER:___ OPERABLE UNIT:___

Acid Blank for Priese Site.

SAMPLE COLLECTED BY : [illegible]

CHAIN OF CUSTODY RECORD
ENVIRONMENTAL PROTECTION AGENCY REGION VII

ACTIVITY LEADER (Print)	NAME OF SURVEY OR ACTIVITY	DATE OF COLLECTION (DAY / MONTH / YEAR)	SHEET
Kenneth Lewis	PRIESE Enterprises ADF79	27 / 2 / 92	1 of 1

CONTENTS OF SHIPMENT Split Samples from Priese Site

SAMPLE NUMBER	TYPE OF CONTAINERS: 1L CUBITAINER	BOTTLE	BOTTLE	BOTTLE	VOA SET (2 VIALS EA)	SAMPLED MEDIA: water	soil	sediment	dust	other	RECEIVING LABORATORY REMARKS/OTHER INFORMATION (condition of samples upon receipt, other sample numbers, etc.)
	NUMBERS OF CONTAINERS PER SAMPLE NUMBER										
ADF79-001	1					✓					
ADF79-002	1					✓					
ADF79-005F	1					✓					

DESCRIPTION OF SHIPMENT	MODE OF SHIPMENT
____ PIECE(S) CONSISTING OF ____ BOX(ES)	____ COMMERCIAL CARRIER: ____
1 ICE CHEST(S); OTHER ____	____ COURIER
	____ SAMPLER CONVEYED ____ (SHIPPING DOCUMENT NUMBER)

PERSONNEL CUSTODY RECORD

RELINQUISHED BY (SAMPLER)	DATE	TIME	RECEIVED BY	REASON FOR CHANGE OF CUSTODY
☐ SEALED ☐ UNSEALED			☐ SEALED ☐ UNSEALED	
RELINQUISHED BY	DATE	TIME	RECEIVED BY	REASON FOR CHANGE OF CUSTODY
☐ SEALED ☐ UNSEALED			☐ SEALED ☐ UNSEALED	
RELINQUISHED BY	DATE	TIME	RECEIVED BY	REASON FOR CHANGE OF CUSTODY
☐ SEALED ☐ UNSEALED			☐ SEALED ☐ UNSEALED	

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