04-05-455732

PLEASE PRINT

State of Wisconsin Substance Release Notification Form

24-Hour Emergency Hotline Number: 1-800-943-0003

Form 4400-91 Rev. 11-95

04-05-455732

Date and Mil. Time of Incident Aug 31, 98 745 8.31-98	Date and Mil. Time Reported 10/29/98 14:40
Person Reporting Jerry Donaldson	Telephone # (920) 433-6324
Representing Agency, Firm, or Citizen Fort James Operating	
Responsible Party Fort James Operating Company	
Contact Name Jerry Donaldson	Telephone # (920) 433-6200
Address 500 Day St Green Bay	City, State, Zip Code Green Bay, WI 54302

Substance Involved	Amount & Units Released	Amt. Recovered	Is this a 304 (01004 42 USC) spill?
transformer fluid (cont PCB)	2 quarts	2 quarts	☐ Yes ☐ No ☐ Unknown

☐ Solid ☐ Semisolid ☒ Liquid ☐ Gas Color _____ Odor _____

Exact Location (inc. address, facility name, mileage, bldg. #, etc.) 500 Day St Electrical Penthouse

City Green Bay	County Brown	Lat/long
DNR Region NER	¼ Sec T NR (E/W)	Weather Cond.

Cause of Incident

transformer removal project - fluid released under pressure - sprayed out during remove

Spilled Substance Impact To: Check (✓) all that apply

- ☐ Air ☐ Potential
- ☐ Soil ☐ Potential
- ☐ Groundwater ☐ Potential
- ☐ Surface Water ☐ Potential
  Name: _____
- ☐ Storm Sewer ☐ Potential
- ☐ Sanitary Sewer ☐ Potential
- ☐ Concrete/Asphalt ☐ Potential
- ☐ Private Well ☐ Potential
- ☐ Contained/Recovered
- ☒ Other: In building

Spill Source:

- ☐ Transportation Accident, Fuel Supply Tank Spill
- ☐ Transportation Accident, Load Spill
- ☐ Industrial Facility ☒ Paper Mill ☐ Chemical Co.
- ☐ Ag Coop/Facility/Food Factory/Facility
- ☐ Gas/Service Station/Garage/Auto Dealer, Repair Shop
- ☐ Pipeline, Terminal, Tank Farm, Oil Jobber/Wholesaler
- ☐ Public Property (city, state, church, school, etc.)
- ☐ Utility Co., Power Generating/Transfer Facility
- ☐ Private Property (home/farm)
- ☐ Construction, Excavation, Wrecking, Quarry, Mine
- ☐ Airport Facility ☐ Railroad Facility
- ☐ Other _____

Action Taken By Spiller

- ☐ No Action Taken
- ☐ No Action Needed
- ☐ Monitor 8-31-98
- ☒ Cleanup Method: dry / kerosene cleaner
- ☒ Waste Destination: _____
- ☐ Containment
- ☐ Contractor Hired
  Name: G.E. Superior
- ☐ Other: _____

Injuries? ☐ Yes ☒ No If yes, how many? ____ Has an evacuation occurred? ☐ Yes ☒ No Potential? ☐ Yes ☐ No

Are there any resource damages? ☐ Yes ☒ No ☐ Potential What kinds? _____

Other Agencies Notified (✓ first column if notified); Check (✓) both columns if on scene

☐☐ Fire Department/Hazmat	☒☐ Local DNR	☐☐ EPA
☐☐ Local Law Enforcement	☐☐ Div. Emer. Gov.	☐☐ Nat'l Resp. Ctr. 800-442-8802
☐☐ LEPC or Local Emer. Gov.	☐☐ DATCP 608-224-4500	☐☐ Chemtrec 800-424-9300
☐☐ Regional Response Team	☐☐ DHSS 608-266-2830	☐☐ Other _____

Incident Commander, if known: _____ Phone: _____

Prepared By: (Print) Jennifer Gray (Sign) Jennifer Gray Date: 10/29/98 Rpt'd to DATCP? ☐Yes ☒No

Person Notified: faxed to Roxanne Chronet Region Notified: NER Time: 14:47 Date: 10/29/98

Invstgtd By: (Print) (Sign) Date: Site Closed? ☒Yes ☐No

Spill Coordinator Signoff: Date: 11-5-98 Transferred to ERP? ☒No ☐Yes; Case # _____ NFA Letter Sent? ☐Yes ☒No

Spill Packet Sent? ☐Yes ☒No

☒ Additional Comments on Reverse

① missing spill form

Roxanne Chronert
Wisconsin Department of Natural Resources
P.O. Box 10048
Green Bay, WI 54307-0448

FORT JAMES

Fort James Corporation
500 Day Street
P O Box 23790
Green Bay, WI 54305-3790

telephone 920 433 6200
facsimile 920 433 6352

Re: Spill of August 31, 1998

November 15, 1999

Roxanne:

As we discussed on October 27, the Fort James Operating Company, Green Bay East Mill located at 500 Day Street has completed all necessary spill clean up work associated with the spill of August 31, 1998. The spill occurred completely indoors in an electrical penthouse. All associated surfaces were either cleaned to meet the 10 microgram standard or removed, in the case of concrete and brick, when the standard could not be met upon successive cleanings. All associated wastes were properly manifested and disposed. Clean up was completed in multiple phases over the past several months via a third party contract between GE (the electrical contractor on the project), Clean Harbors and finally Superior Special Services, Inc. Attached you will find a copy of the final report from GE and analytical data from the lab used by the clean up contractor Superior Special Services, Inc.

As you mentioned, since we have completed the spill clean up activity and so documented, this submittal should allow you to close out the file.

Please call me at 433-6324 with any questions you may have.

Enc: (2)

Sincerely,

Jerry E. Donaldson

Jerry E. Donaldson

RECEIVED
NOV 24 1999
LMD SOLID WASTE

GENERAL ELECTRIC COMPANY
ENGINEERING SERVICES
OAK BROOK, ILLINOIS

DATE: 7/21/99

FACSIMILE NUMBER: 8-920-433-6352

TO: LARRY FINK

DEPARTMENT / COMPANY: FORT JAMES

LOCATION: GREEN BAY, WI

CC:

TOTAL NUMBER OF PAGES (INCLUDING COVER SHEET): 4

FROM: JIM MASSURA

PHONE / DIAL COMM: (630) 573-3075 8*383-3075

PANAFAX NUMBER: (630) 573-3459 8*383-3459

LOCATION: 2015 SPRING ROAD, ROOM 400, OAK BROOK, IL 60523-1868

REFERENCE: TRANSFORMER RETROFIT REMEDIATION

SUBJECT: HISTORY LETTER- AS REQUESTED

COMMENTS: PLS REVIEW- I HOPE THIS MEETS YOUR EXPECTATIONS.

MAY WE MAKE ARRANGEMENTS WITH A CONCRETE CONTRACTOR?

THANKS,

JIM

GE Industrial Systems

James J. Massura, P.E.
Senior Field Engineer

General Electric Company
2015 Spring Road, Suite 400
Oak Brook, Illinois 60523-1868
(630) 573-3075 8*383-3075
FAX (630) 573-3459 8*383-3459

July 21, 1999

Mr. Lawrence Fink
Fort James Corp.
500 Day Street
Green Bay, WI 54305

Subject: History of Building 61 Transformer Retrofit and Remediation
Fort James P.O. 4500051318-503, GE job 399E5000

Dear Mr. Fink,

As you requested, we are providing a summary timetable of the events associated with the building 61 transformer retrofit and the associated cleanup and remediation efforts by GE and its sub-contractors.

On August 31, 1998, at approximately 6:20 a.m., a small amount of fluid (estimated to be 30 ml, presumed to be PCB-contaminated), was released. The subject fluid was originally within a transformer oil drain hose. Prior to draining the first transformer, one of the caps had one locking clasp strike the floor, which released the cap from the hose, and consequently the fluid was released from the hose and contacted the penthouse floor surface near the floor opening.

An oil-absorbent material was immediately placed on the affected area, the release area was contained, the area was cleaned, and the contaminated material was placed in an open-top drum for disposal.

On August 31, 1998, at approximately 7:45 a.m., some fluid (approximately two liters, assumed concentrated PCB) was released from the first transformer (customer designation T-304-1) to be drained. This occurred when the fill valve cap was removed instead of the pressure-relief valve as instructed.

An oil-absorbent material was immediately placed on the affected area, the release area was contained, the area was cleaned, and the contaminated material was placed in an open-top drum for disposal.

Because of environmental contamination and production concerns, the new transformer designated T-304-1 and its associated switchgear was left installed out-of-position (with its switchgear angled toward the aisle-way). In the interest of production, the electrical connections were completed and the substation energized later on August 31st.

GE contacted Clean Harbors, Inc., (corporate headquarters in South Boston, MA) to begin additional remediation work and to take suitable wipe samples in the affected areas. On

July 21, 1999

September 1, 1998, Clean Harbors arrived on site, performed additional cleanup activities, and took wipe samples.

On September 1st, the wipe samples were sent to Great Lakes Analytical, 1380 Busch Parkway, Buffalo Grove, IL 60089. A total of five wipe samples were taken: floor by crane, transformer fin, finished floor by transformer, blue wall-mounted box, and the uncoated floor near the transformer. The wipe samples were analyzed on September 4th, with four of the five samples over the 10 μg / 100 sq. cm limit. The four were: transformer fin, 19.0 μg / 100 sq. cm; finished floor by transformer, 77 μg / 100 sq. cm; blue wall-mounted box, 640 μg / 100 sq. cm; and uncoated floor, 1900 μg / 100 sq. cm.

With these wipe sample results, it became obvious that additional remediation activity would be needed. GE contracted with Superior Special Services, 100 West Larsen Drive, Fond Du Lac, WI 54937. On November 18, 1998, A Superior Special Services crew arrived at the site for additional cleaning and sampling. The cleaning method employed included the use of "Simple Green" solution and a special vacuum arrangement to capture the spent fluid. After several passes with the "Simple Green" solution, the area was wiped with hexane prior to taking additional wipe samples.

A grid pattern was established for the location of the several wipe samples. These samples were sent to U.S. Oil Co., Inc., 1090 Kennedy Avenue, Kimberly, WI, 54136 for analysis. The results of this analysis, published on December 2nd, was continued contamination at all areas except the "trip blank".

Recent Federal legislation included new rules concerning the handling and disposal of polychlorinated biphenyls. In some cases, particularly with low concentration contamination, encapsulation of the affected area was authorized by the new regulations. GE elected to review this new legislation carefully, and also weigh corporate policy related to future liability before making any recommendation or offering to Fort James Corporation.

In March of 1999, GE corporate made a decision to eliminate or reduce the contamination to presently-accepted EPA values rather than encapsulate. I wrote a letter, jamesr05.doc, to you dated March 22nd with our proposed solution. On April 6, 1999, I received faxed authorization from you to proceed with our remediation plan.

On April 26, 1999, a crew from Superior Special Services arrived at the site, and began the use of the scabling tool near the floor opening and the areas around, but not under, the transformer. GE was concerned about scabling work being performed near the transformer without a knowledgeable GE employee present for electrical safety.

GE Industrial Systems

July 21, 1999

On May 20, 1999, a crew from Superior Special Services arrived at the site, along with a representative from GE for the purposes of completing the scabling work under the transformer. Note that Fort James provided some shoring under the floor, as some spalling did occur during the scabling process. Any painted metal surfaces were also stripped and cleaned to bare metal. Again, wipe samples were taken and sent to a laboratory for analysis.

The analytical sample testing was completed on June 3rd. The results were favorable for all areas except the brick wall immediately behind the transformer. The samples under the transformer, middle of floor, large electrical panel, small electrical panel, and, of course, the trip blank were all under the EPA-specified maximum of 10 μg / 100 sq. cm.

At this point, GE agreed to remove one course of the brick wall in the area possibly contaminated during the August 31, 1998 incident. Fort James gave GE this authorization, and in early June 1999, one complete course of the brick wall was removed by Superior Specialized services. After removal of the brick wall, Fort James declined any additional testing.

GE stands ready to hire a concrete contractor to patch all concrete areas affected by the scabling and testing with the concurrence of Fort James. After sufficient cure time for the concrete, GE proposes to place the transformer and associated switchgear in its rightful place and make permanent 480 volt cable connections. At this point, GE would have completed its obligations under this contract, with all outstanding invoices immediately payable.

Please contact me if there are any questions.

Sincerely,

James J. Massura

James J. Massura
Senior Field Engineer

cc: P. Steele, GE Oak Brook
Job 399E5000

TestAmerica
INCORPORATED

Mr. Jon Kruyne
SUPERIOR SPECIAL SERVICES
1275 Mineral Springs Drive
Port Washington, WI 53074

06/03/1999

NET Job Number: 99.05359

IEPA Cert. No.: 100221
WDNR Cert. No.: 999447130
A2LA Cert. No.: 0453-01

Enclosed is the Analytical and Quality Control reports for the following samples submitted to Bartlett Division of TestAmerica for analysis.

Project Description: (990317 #1 To #6) Fort James Corp/GE Ind

Sample Number	Sample Description	Date Taken	Date Received
528506	990317 #1 Underneath Transformer	05/20/1999	05/25/1999
528507	990317 #2 Middle Of Floor	05/20/1999	05/25/1999
528508	990317 #3 Large Electrical Panel	05/20/1999	05/25/1999
528509	990317 #4 Small Electrical Panel	05/20/1999	05/25/1999
528510	990317 #5 Brick Wall	05/20/1999	05/25/1999
528511	990317 #6 Trip Blank	05/20/1999	05/25/1999

Sample analysis in support of the project referenced above has been completed and results are presented on the following pages. These results apply only to the samples analyzed. Reproduction of this report only in whole is permitted. Please refer to the enclosed "Key to Abbreviations" for definition of terms. Procedures used follow TestAmerica Standard Operating Procedures which reference the methods listed on your report. Should you have questions regarding procedures or results, please do not hesitate to call. TestAmerica has been pleased to provide these analytical services for you.

This Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

Approved by:

Mary Pearson

Mary Pearson
Project Manager

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Jon Kruyne
SUPERIOR SPECIAL SERVICES
1275 Mineral Springs Drive
Port Washington, WI 53074

06/03/1999

Sample No. : 528506

Job No.: 99.05359

Sample Description: 990317 #1 Underneath Transformer
(990317 #1 To #6) Fort James Corp/GE Ind

Date Taken: 05/20/1999
Time Taken: 14:30

Date Received: 05/25/1999
Time Received: 10:45

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Prep PCBs Wipe	COMPLETE				05/27/1999	jce	SW 3540C
PCBs 8082 Wipe							
PCB-1016	<1.0		ug/wipe	1.0	05/29/1999	tls	SW 8082
PCB-1221	<1.0		ug/wipe	1.0	05/29/1999	tls	SW 8082
PCB-1232	<1.0		ug/wipe	1.0	05/29/1999	tls	SW 8082
PCB-1242	<1.0		ug/wipe	1.0	05/29/1999	tls	SW 8082
PCB-1248	<1.0		ug/wipe	1.0	05/29/1999	tls	SW 8082
PCB-1254	3.0		ug/wipe	1.0	05/29/1999	tls	SW 8082
PCB-1260	<1.0		ug/wipe	1.0	05/29/1999	tls	SW 8082
Surr: Tetrachloroxylene (TCX)	88.0		%	31-128	05/29/1999	tls	SW 8082
Surr: Decachlorobiphenyl (DCB)	92.0		%	29-128	05/29/1999	tls	SW 8082

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TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Jon Kruyne
SUPERIOR SPECIAL SERVICES
1275 Mineral Springs Drive
Port Washington, WI 53074

06/03/1999

Sample No. : 528507

Job No.: 99.05359

Sample Description: 990317 #2 Middle Of Floor
(990317 #1 To #6) Fort James Corp/GE Ind

Date Taken: 05/20/1999
Time Taken: 14:32

Date Received: 05/25/1999
Time Received: 10:45

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Prep PCBs Wipe	COMPLETE				05/27/1999	jce	SW 3540C
PCBs 8082 Wipe							
PCB-1016	<1.0		ug/wipe	1.0	05/29/1999	tls	SW 8082
PCB-1221	<1.0		ug/wipe	1.0	05/29/1999	tls	SW 8082
PCB-1232	<1.0		ug/wipe	1.0	05/29/1999	tls	SW 8082
PCB-1242	<1.0		ug/wipe	1.0	05/29/1999	tls	SW 8082
PCB-1248	<1.0		ug/wipe	1.0	05/29/1999	tls	SW 8082
PCB-1254	1.7		ug/wipe	1.0	05/29/1999	tls	SW 8082
PCB-1260	<1.0		ug/wipe	1.0	05/29/1999	tls	SW 8082
Surr: Tetrachloroxylene (TCX)	77.0		%	31-128	05/29/1999	tls	SW 8082
Surr: Decachlorobiphenyl (DCB)	80.0		%	29-128	05/29/1999	tls	SW 8082

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ANALYTICAL REPORT

Mr. Jon Kruyne
SUPERIOR SPECIAL SERVICES
1275 Mineral Springs Drive
Port Washington, WI 53074

06/03/1999

Sample No. : 528508

Job No.: 99.05359

Sample Description: 990317 #3 Large Electrical Panel
(990317 #1 To #6) Fort James Corp/GE Ind

Date Taken: 05/20/1999
Time Taken: 14:34

Date Received: 05/25/1999
Time Received: 10:45

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Prep PCBs Wipe	COMPLETE				05/27/1999	jce	SW 3540C
PCBs 8082 Wipe							
PCB-1016	<1.0		ug/wipe	1.0	05/29/1999	tls	SW 8082
PCB-1221	<1.0		ug/wipe	1.0	05/29/1999	tls	SW 8082
PCB-1232	<1.0		ug/wipe	1.0	05/29/1999	tls	SW 8082
PCB-1242	<1.0		ug/wipe	1.0	05/29/1999	tls	SW 8082
PCB-1248	<1.0		ug/wipe	1.0	05/29/1999	tls	SW 8082
PCB-1254	3.5		ug/wipe	1.0	05/29/1999	tls	SW 8082
PCB-1260	<1.0		ug/wipe	1.0	05/29/1999	tls	SW 8082
Surr: Tetrachloroxylene (TCX)	77.0		%	31-128	05/29/1999	tls	SW 8082
Surr: Decachlorobiphenyl (DCB)	82.0		%	29-128	05/29/1999	tls	SW 8082

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TestAmerica
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ANALYTICAL REPORT

Mr. Jon Kruyne
SUPERIOR SPECIAL SERVICES
1275 Mineral Springs Drive
Port Washington, WI 53074

06/03/1999

Sample No. : 528509

Job No.: 99.05359

Sample Description: 990317 #4 Small Electrical Panel
(990317 #1 To #6) Fort James Corp/GE Ind

Date Taken: 05/20/1999
Time Taken: 14:36

Date Received: 05/25/1999
Time Received: 10:45

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Prep PCBs Wipe	COMPLETE				05/27/1999	jce	SW 3540C
PCBs 8082 Wipe							
PCB-1016	<1.0		ug/wipe	1.0	05/29/1999	tls	SW 8082
PCB-1221	<1.0		ug/wipe	1.0	05/29/1999	tls	SW 8082
PCB-1232	<1.0		ug/wipe	1.0	05/29/1999	tls	SW 8082
PCB-1242	<1.0		ug/wipe	1.0	05/29/1999	tls	SW 8082
PCB-1248	<1.0		ug/wipe	1.0	05/29/1999	tls	SW 8082
PCB-1254	2.9		ug/wipe	1.0	05/29/1999	tls	SW 8082
PCB-1260	<1.0		ug/wipe	1.0	05/29/1999	tls	SW 8082
Surr: Tetrachloroxylene (TCX)	93.0		%	31-128	05/29/1999	tls	SW 8082
Surr: Decachlorobiphenyl (DCB)	98.0		%	29-128	05/29/1999	tls	SW 8082

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ANALYTICAL REPORT

Mr. Jon Kruyne
SUPERIOR SPECIAL SERVICES
1275 Mineral Springs Drive
Port Washington, WI 53074

06/03/1999

Sample No. : 528510

Job No.: 99.05359

Sample Description: 990317 #5 Brick Wall
(990317 #1 To #6) Fort James Corp/GE Ind

Date Taken: 05/20/1999
Time Taken: 14:39

Date Received: 05/25/1999
Time Received: 10:45

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Prep PCBs Wipe	COMPLETE				05/27/1999	jce	SW 3540C
PCBs 8082 Wipe							
PCB-1016	<1.0		ug/wipe	1.0	05/29/1999	tls	SW 8082
PCB-1221	<1.0		ug/wipe	1.0	05/29/1999	tls	SW 8082
PCB-1232	<1.0		ug/wipe	1.0	05/29/1999	tls	SW 8082
PCB-1242	<1.0		ug/wipe	1.0	05/29/1999	tls	SW 8082
PCB-1248	<1.0		ug/wipe	1.0	05/29/1999	tls	SW 8082
PCB-1254	230		ug/wipe	1.0	06/02/1999	tls	SW 8082
PCB-1260	<50	ELV	ug/wipe	1.0	06/02/1999	tls	SW 8082
Surr: Tetrachloroxylene (TCX)	91.0		%	31-128	05/29/1999	tls	SW 8082
Surr: Decachlorobiphenyl (DCB)	96.0		%	29-128	05/29/1999	tls	SW 8082

ELV: Elevated reporting limit for PCB-1260 due to matrix interference.

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TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Jon Kruyne
SUPERIOR SPECIAL SERVICES
1275 Mineral Springs Drive
Port Washington, WI 53074

06/03/1999

Sample No. : 528511

Job No.: 99.05359

Sample Description: 990317 #6 Trip Blank
(990317 #1 To #6) Fort James Corp/GE Ind

Date Taken: 05/20/1999
Time Taken: 14:41

Date Received: 05/25/1999
Time Received: 10:45

Analyte	Result	Flag	Units	Reporting Limit	Date Analyzed	Analyst Initials	Analytical Method
Prep PCBs Wipe	COMPLETE				05/27/1999	jce	SW 3540C
PCBs 8082 Wipe							
PCB-1016	<1.0		ug/wipe	1.0	06/02/1999	tls	SW 8082
PCB-1221	<1.0		ug/wipe	1.0	06/02/1999	tls	SW 8082
PCB-1232	<1.0		ug/wipe	1.0	06/02/1999	tls	SW 8082
PCB-1242	<1.0		ug/wipe	1.0	06/02/1999	tls	SW 8082
PCB-1248	<1.0		ug/wipe	1.0	06/02/1999	tls	SW 8082
PCB-1254	<1.0		ug/wipe	1.0	06/02/1999	tls	SW 8082
PCB-1260	<1.0		ug/wipe	1.0	06/02/1999	tls	SW 8082
Surr: Tetrachloroxylene (TCX)	97.0		%	31-128	06/02/1999	tls	SW 8082
Surr: Decachlorobiphenyl (DCB)	111.0		%	29-128	06/02/1999	tls	SW 8082

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TestAmerica, Bartlett Division

KEY TO ABBREVIATIONS and METHOD REFERENCES

<	:	Less than; When appearing in the results column indicates the analyte was not detected at or above the reported value.
mg/L	:	Concentration in units of milligrams of analyte per liter of sample. Measurement used for aqueous samples. Can also be expressed as parts per million (ppm).
ug/g	:	Concentration in units of micrograms of analyte per gram of sample. Measurement used for non-aqueous samples. Can also be expressed as parts per million (ppm) or mg/Kg.
ug/L	:	Concentration in units of micrograms of analyte per liter of sample. Measurement used for aqueous samples. Can also be expressed as parts per billion (ppb).
ug/Kg	:	Concentration in units of micrograms of analyte per kilogram of sample. Measurement used for non-aqueous samples. Can also be expressed as parts per billion (ppb).
TCLP	:	These initials appearing in front of an analyte name indicate that the Toxicity Characteristic Leaching Procedure (TCLP) was performed for this test.
Surr:	:	These initials are the abbreviation for surrogate. Surrogates are compounds that are chemically similar to the compounds of interest. They are part of the method quality control requirements.
%	:	Percent; To convert ppm to %, divide the result by 10,000. To convert % to ppm, multiply the result by 10,000.
ICP	:	Indicates analysis was performed using Inductively Coupled Plasma Spectroscopy.
AA	:	Indicates analysis was performed using Atomic Absorption Spectroscopy.
GFAA	:	Indicates analysis was performed using Graphite Furnace Atomic Absorption Spectroscopy.
PQL	:	Practical Quantitation Limit; the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions.

Method References

(1) Methods 1000 through 9999: see "Test Methods for Evaluating Solid Waste", USEPA SW-846, 3rd Edition, 1986.

(2) ASTM "American Society for Testing Materials"

(3) Methods 100 through 499: see "Methods for Chemical Analysis of Water and Wastes", USEPA, 600/4-79-020, Rev. 1983.

(4) See "Standard Methods for the Examination of Water and Wastewater", 17th Ed, APHA, 1989.

(5) Methods 600 through 625: see "Guidelines Establishing Test Procedures for the Analysis of Pollutants", USEPA Federal Register Vol. 49 No. 209, October 1984.

(6) Methods 500 through 599: see "Methods for the Determination of Organic Compounds in Drinking Water," USEPA 600/4-88/039, Rev. 1988.

(7) See "Methods for the Determination of Metals in Environmental Samples", Supplement I EPA-600/R-94/111, May 1994.

(8) See "Standard Methods for the Examination of Water and Wastewater", 18th Ed., APHA, 1992.

(9) Methods 1000 through 9999: see "Test Methods for Evaluating Solid Waste", USEPA SW-846, 3rd Edition, 1986, Including Updates I and II.

(10) This method is from the 2nd Edition of "Test Methods for Evaluating Solid Waste", USEPA SW-846. It has been dropped from the 3rd Edition, 1986.

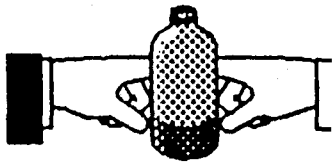
SUPERIOR SPECIAL SERVICES, INC.
1275 Mineral Springs Drive
Port Washington, WI 53074
Phone (414) 284-6855
Fax (414) 284-3775

CHAIN OF CUSTODY RECORD

8066

5-Day Turn

SEND RESULTS TO:
ROGER SACIA
SUPERIOR SPECIAL SERVICES
FOND DU LAC, WI
54936
FAX (920) 923-9010



Client: FORT JAMES CORP. / G.E. IND.
Project No.: DCA 4543
Sampling Site: FORT JAMES CORP. MILL
Sampler: ROGER SACIA

ANALYTICAL REQUESTED

DATE	TIME	SAMPLE I.D.	DESCRIPTION	PCB's						BOTTLE TOTAL & TYPE	SAMPLE SOURCE	SAMPLE PROCEDURE	COMPOSITE OR GRAB	PRESERVATION METHOD
5/20/99	14:30	#1	SAMPLE #1 UNDERNEATH TRANSFORMER	X						4 oz. GLASS	FLOOR	WIPE SAMPLE	GRAB	ICE
5/20/99	14:32	#2	SAMPLE #2 MIDDLE OF FLOOR	X						4 oz. GLASS	FLOOR	WIPE SAMPLE	GRAB	ICE
5/20/99	14:34	#3	SAMPLE #3 LARGE ELECTRICAL PANEL	X						4 oz. GLASS	PANEL	WIPE SAMPLE	GRAB	ICE
5/20/99	14:36	#4	SAMPLE #4 SMALL ELECTRICAL PANEL	X						4 oz. GLASS	PANEL	WIPE SAMPLE	GRAB	ICE
5/20/99	14:39	#5	SAMPLE #5 BRICK WALL	X						4 oz. GLASS	PANEL	WIPE SAMPLE	GRAB	ICE
5/20/99	14:41	#6	SAMPLE #6 TRIP BLANK	X						4 oz. GLASS	T.B.	WIPE SAMPLE	GRAB	ICE

CUSTODY TRANSFERS

Emergency Contact #: 1-800-688-4005

	Relinquished by:	Date:	Time:	Received by:
1.	Roger E. Sacia	5/24/99	08:48	[illegible]
2.	[illegible]			[illegible] 5/25/99 10:45
3.				
4.				

I certify that this is a representative sample of:

Witness:

Signature:

[illegible]