State of Wisconsin
Department of Natural Resources

Substance Release Notification Form Form 4400-91 (Rev. 10-03, e-form) Page 1 of 2

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

Date & Military Time Of Incident: 07152004 1500	Date & N 07162004	Military Time Re	ported: 1145	Spill File # NER07152004_01 BRRTS # 040553139	9
Person Reporting: JACKIE POWELL		Representing: FT JAMES OPI	ERATING CO	Phone # (970) 438-421 Fax # ()	
Responsible Party (RP) / Spiller: FT JAMES OPERATING CO		RP Decision Ba	ised On:	Phone # (980) 438 4212 Fax # ()	-
RP Address: 1919 SOUTH BROADWAY	Y			City State Zip	Code
RP Contact Name-& Title:	3			GREEN BAY WI Phone # (920) 438-4216	2
Jackse Yowell Substance Involved:	A	mount & Units I	Released:	Fax # () Amount & Units Recovered:	
HYDROGEN FLOURIDE, CHLORO BIPEHNYL	FORM, C	ONTINUOUS RE		NONE	
Solid Semisolid	Liquid	⊠ Gas	Color:	Odor:	
Exact Location Of Incident: (including AT THEIR LOCATION	ing street name, b	oldg. #, mileage, e	tc.) Facil	ty Name / Property Owner:	
1919 S. Broady			Ft.	James Operating (20
	ounly ROWN		Latitude/Long	tude	
DNR Region: NER	1/4 1/4 S	ec T N R	EW	Weather Conditions:	
Cause Of Incident: CONTINUOUS RELEASE					,
CONTINUOUS RELEASE					
	pill Cause/Site:	Γ		Action Taken By Spiller:	
(check X all that apply) ☐ Potential ☐		y 🔲 Railroad Fac		Cleanup Method: Absorbent	
☐ Concrete/Asphalt ☐ Potential ☐ Construction, Excavation, Wrecking, Quarry, Mine ☐ Excavation ☐ Contained/Recovered ☐ Gas/Service Station/Garage/Auto Dealer/Repair Shop ☐					
Groundwater Potential] Hydraulic Line	Break		Containment	
☐ Private Well ☐ Potential ☐ Sanitary Sewer ☐ Potential ☐		lity 🔲 Paper Mill nal/Tank Farm/Oi			
Soil Potential	Private Propert	ty (home/farm)		☐ Monitor	
Storm Sewer Potential Surface Water Potential		y (city, state, church Accident, Fuel Ta		No Action Needed No Action Taken	
Name:		Accident, Load S	•	Waste Destination:	
Other:	Utility Co. Pov	ver Generating/Tr	ansfer Facility	Other: Went into the air	
Injuries? ☐ Yes ☒ No If yes how m		las An Evacuatio	n Occurred?	Yes ⊠No Potential? □Yes ⊠	No
Are There Any Resource Damages?	Yes No	Potential	What Kind?		
Other Agencies Notified: (check first	column, if notif		lumns, if on the EPA	scene) Incident Comman	ider:
Local Law Enforcement	Div. Emerg.	Mgt.	Nat'l Resp Ctr 8		
LEPC or Local Emer. Mgt.	☐ Coast Guard☐ DHFS 608-2		Chemtrec 800-42 Other:	Phone # ()	
Prepared By: Phor	ne # Da	ite: 07242004	Rpt'd To DA	CCP? Yes No Date:	
ANN BAUER FROM NRC 6082 REPORT RECEIVED DATE	665214		Transferred to	DATCP Yes No Date:	
ABOVE					
Person Notified: Phon ROXANNE CHRONERT EMA		nte: 07242004 me:	Spill Packet S To:	ent? Yes No Date:	
Investigated By: Sign:		ate:	Transferred to	ERP Yes No Date:	
Spill Coordinator Signoff:	A 7 Da	nte:		ent? Yes No Date:	
70/09	+-2	See Add		ts On Reverse (Please, print page 2	
				1 rease, print page 1)

Date and Military Time Of Incident:	Responsible Party:
Additional Comments :	
Case Activity Report: Yes No CAR#:	(Please, attach copy of all CAR and other documentation)
	(Flease, attach copy of all CAR and other documentation)
Enforcement Action: Yes No (Explain Below)	
	. •

Chronert, Roxanne N.

From:

Rao, Rajesh

Sent:

Friday, July 30, 2004 9:53 AM

To:

Chronert, Roxanne N.

Subject:

RE: Stack Volume Increase

Rox,

I finally have all the information needed to address this issue. This by the way in not a spill. A CIRCLA requirement triggered this report. Give me a call at your convenience.

Rai

P Rajesh Rao Air Management Engineer Wisconsin Department of Natural Resources Northeast Region, Green Bay (*) phone: (920) 492-5590

(*) fax:

(920) 492-5913

(*) e-mail: rajesh.rao@dnr.state.wi.us

-----Original Message-----From: Chronert, Roxanne N.

Sent: Thursday, July 22, 2004 2:05 PM

To: Drew, James Cc: Rao, Rajesh

Subject: RE: Stack Volume Increase

Jim, the air engineer for Fort James West is Rao Raiesh. He can be contacted at 920-492-5590. I think all the air staff are at a meeting today, but leave him a message. He is quick to return phone messages. Rox

Roxanne Nelezen Chronert Spills Coordinator - Hydrogeologist Wisconsin Department of Natural Resources 1125 N Military Avenue - PO Box 10448 Green Bay WI 54307-0448 phone: (920) 492-5592 fax: (920) 492-5859 e-mail: Roxanne.chronert@dnr.state.wi.us Visit us on the web at www.dnr.wi.gov

----Original Message----

From: James Drew [mailto:drewjm@dhfs.state.wi.us]

Sent: Wednesday, July 21, 2004 10:51 AM

To: Chronert, Roxanne N.

Cc: Knobeloch, Lynda; Otto, William Subject: Stack Volume Increase

Roxannne:

On July 15, Fort James Paper in GB reported to the NRC upper threshold increases for releases of 3 substances: Hydrogen Flouride, Chloroform and Biphenyl. Is there a person in your regional air management unit who could make a few comments on this reporting procedure and what it means in terms of permitted limits, modeling, community impact, etc. Get back when you have a few minutes.

Thanks. Later. Jim

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Chronert, Roxanne N.

From:

Bauer, Ann on behalf of LE Hotline (DNR)

Sent:

Saturday, July 24, 2004 8:23 AM

To:

Chronert, Roxanne N.

Cc:

Ann Bauer; Duty Officer WEM; James Drew

Subject:

spill ner07152004_01



ner07152004_01.d

OC

When we received this I put it in the continuous release folder. It is now in the spills folder, in report form.

P Ann Bauer

HOTLINE - DISPATCH

Special Operations

Bureau of Law Enforcement

Wisconsin Department of Natural Resources

(*) phone: (608) 266-5214 (608) 267-9717

(*) fax:

(*) e-mail: ann.bauer@dnr.state.wi.us

NOTICE

This message is intended solely for the use of the addressee and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If you are not the addressee, you are hereby notified that any use, distribution or copying of this message is strictly prohibited. If you received this message in error, please notify us by reply e-mail or by telephone (608) 267-0844 and immediately delete this message and any and all of its attachments.

----Original Message----

From: Chronert, Roxanne N. Sent: Thursday, July 22, 2004 1:51 PM

To: LE Hotline (DNR)

Cc: Goetsch, Byron J; Woodbury, David O Subject: FW: Stack Volume Increase

Did the hotline receive the notification from the NRC on the 7-15-04 incident at Fort James West that was called into the NRC on 7-16-04? If so did it get forwarded out to the region. I do not remember seeing a copy come out. Thanks Rox

Roxanne Nelezen Chronert Spills Coordinator - Hydrogeologist Wisconsin Department of Natural Resources 1125 N Military Avenue - PO Box 10448 Green Bay WI 54307-0448 phone: (920) 492-5592 fax: (920) 492-5859

e-mail: Roxanne.chronert@dnr.state.wi.us Visit us on the web at www.dnr.wi.gov

----Original Message----

From: James Drew [mailto:drewjm@dhfs.state.wi.us]

Sent: Wednesday, July 21, 2004 10:51 AM

To: Chronert, Roxanne N.

Cc: Knobeloch, Lynda; Otto, William Subject: Stack Volume Increase

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07/16/04 11:45:18

. (202) 267-6330->

6082674853 ATSDRUI-

Page 001

NATIONAL RESPONSE CENTER - FLASH FAX

****GOVERNMENT USE ONLY****GOVERNMENT USE ONLY***

DO NOT RELEASE this information to the public without

permission from the NATIONAL RESPONSE CENTER 1-800-424-8802

ligo

Incident Report # 728498

INCIDENT DESCRIPTION

*Report taken by: CIV JOHNSON at 11:39 on 16-JUL-04

Incident Type: CONTINUOUS Incident Cause: OTHER

Affected Area:

The incident occurred on 15-JUL-04 at 15:00 local time.

Affected Medium: AIR ATMOSPHERE

REPORTING PARTY

Name:

JACKIE POWELL

Organization: Address: FT. JAMES OPERATING CO. 1919 SOUTH BROADWAY

GREEN BAY, WI 54304

FT. JAMES OPERATING CO. called for the responsible party.

PRIMARY Phone: (920)4384212

Type of Organization: PRIVATE ENTERPRISE

SUSPECTED RESPONSIBLE PARTY

Name:

JACKIE POWELL

Organization:

FT. JAMES OPERATING CO.

Address:

1919 SOUTH BROADWAY GREEN BAY, WI 54304

PRIMARY Phone: (920)4384212

Type of Organization: PRIVATE ENTERPRISE

INCIDENT LOCATION

1919 SOUTH BROADWAY

County: BROWN

City: GREEN BAY State: WI

RELEASED MATERIAL(S)

DESCRIPTION OF INCIDENT

CALLER IS REPORTING A CONTINUOUS RELEASE A CHANGE TO THE UPPER BOUNDS FOR THREE CHEMICALS.

INCIDENT DETAILS

Building ID:

Type of Fixed Object: MANUFACTURING FACILITY

Power Generating Facility: NO

Generating Capacity:

Type of Fuel:

NPDES:

NPDES Compliance: UNKNOWN

Continuous Release Type: STATISTICALLY SIGNIFICANT INCREASE

Initial Continuous Release Number: 611493

Continuous Release Permit:

DAMAGES

Fire Involved: NO Fire Extinguished: UNKNOWN

FAX NO. 6082674853

07/16/04 11:45:32

(202) 267-6330->

6882674853 ATSDRWI-

Page 00Z

INJURIES:

Hospitalized:

Empl/Crew:

Passenger:

FATALITIES:

EVACUATIONS:

Emp1/Crew:

Passenger:

Occupant:

Damages:

Who Evacuated:

Hours

Radius/Area:

Direction of

Closure Type Description of Closure

Closed

Closure

Air:

Road:

Major N

Waterway: N

Artery:

Track:

Media Interest: NONE Community Impact due to Material: NO

REMEDIAL ACTIONS

NONE

Release Secured: NO

Release Rate:

Estimated Release Duration:

WEATHER

ADDITIONAL AGENCIES NOTIFIED

Federal:

EPA

State/Local:

State/Local On Scene:

Stale Agency Number: NO REPORT #

NOTIFICATIONS BY NRC

ATSDR WI ATTN: JAMES DREW

16~JUL-04 11:44

(608) 2662663

CONT. RELEASE ATTN: L. BEASLEY

16-JUL-04 11:44

(703) 6039086

CONT. RELEASE ATTN: B. SANDSTROM

16-JUL-04 11:44

(312)8866028

U.S. EPA V

(312) 3532318

NOAA 1ST CLASS BB RPTS FOR WI

16-JUL-04 11:44

(206) 5266344

NATIONAL RESPONSE CENTER HQ

(202) 2672100

WI DEPT NAT RES BUREAU OF LAW ENF

16-JUL-04 11:44

(608) 2662598

ADDITIONAL INFORMATION CALLER WILL NOTIFY LEPC, SERC, FOLLOWUP WITH EPA.

CONTINUOUS RELEASE MATERIAL

CHRIS Code: NCC Official Material Name: NO CHRIS CODE

Also Known As: HYDROGEN FLOURIDE

Upper Bounds: 200 POUND(S)/DAY

07/16/84 11:45:45

. (202) 267-6330->

6082674853 ATSDRWI-

Page 003

*** END INCIDENT REPORT 728498 ***

CONTINUOUS RELEASE MATERIAL

CHRIS Code: NCC Official Material Name: NO CHRIS CODE

Also Known As: CHLOROFORM
Upper Bounds: 260 POUND(S)/DAY

CONTINUOUS RELEASE MATERIAL

CHRIS Code: NCC Official Material Name: NO CHRIS CODE

Also Known As: BIPHENYL

Upper Bounds: 610 POUND(S)/DAY

Report any problems or Fax number changes by calling 1-800-424-8802 PLEASE VISIT OUR WEB SITE AT http://www.nrc.uscg.mil 6082674853 JUL-22-2004 THU 12:14 PM DIV PUBLIC HEALTH, BEH

DEPARTMENT OF BEALTH AND FAMILY SERVICES HES-32 (Rev. 8/97)

STATE OF WISCONSIN

FACSIMILE COVER MESSAGE

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If you received this communication in error, notify us immediately by telephone and return the original message to us through the United States Postal Service to the address we will provide.

vo: B. Helexen-Chronert		
Name		Facsimile Telephone Number
DIR/UER SIR Coord.	•	(920) 492-5059
Location /	Room Number	Telephone Number
Even Bay, WI		
FROM (Sender): J. Dnew		
WI 4555 Coord	Number of Pages Including This Cover Sheet	Facsimile Telephone Number
Wadison, 10-2-	et	Telaphone Number
OPERATOR 07/22/0 Destroy Originals	ref.	
[] Return Originals to Sender		
COMMENTS/INSTRUCTIONS # OX:		
Here is the MRC Pip	<i>†</i>	
- Theuxs, fins		
(Jul)		

THE FACSIMILE MACHINE COPIES ONLY ONE SIDE OF THE DOCUMENT. Dall sender (Telephone Number) if there is a problem with transmission.

Chronert, Roxanne N.

From:

Chronert, Roxanne N.

Sent:

Thursday, July 22, 2004 2:05 PM

To: Cc: Drew, James Rao, Rajesh

Subject:

RE: Stack Volume Increase

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e-mail: Roxanne.chronert@dnr.state.wi.us Visit us on the web at www.dnr.wi.gov

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Georgia-Pacific Corporation Consumer Products Division

1919 South Broadway P.O. Box 19130 Green Bay, WI 54307-9130 (920) 435-8821 (920) 438-2364 fax www.gp.com

July 13, 2004

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. William Sandstrom
EPA, Region 5
CR-ERNS Coordinator
Emergency & Remedial Response Section
77 West Jackson Street
Chicago, IL 60604

RE: Continuous Release Report – CR-ERNS#: 728498

Fort James Operating Company, Green Bay Broadway Mill

Dear Mr. Sandstrom:

On July 16, 2004, Fort James Operating Company made a telephone notification to the NRC to report a Statistically Significant Increase (SSI) over the continuous release upper bound for chloroform, biphenyl and hydrogen fluoride. The SERC and LEPC were also notified. The upper bound values reported at that time were incorrect and have been revised to more accurately reflect the frequency and quantity of the releases.

Upper bound values for certain individual sources were revised using the 2003 EPCRA Section 313 Toxic Release Inventory (TRI) and the 2003 Air Emissions Inventory Summary Report submitted to the State of Wisconsin Department of Natural Resources, Bureau of Air Management. These changes are footnoted in Section II: Part C., Source Information – Identity and Quantity of Each Hazardous Substance Released From Each Source. A revision to the upper bound for sulfuric acid is also included in this written report as AP-42 procedures were used to calculate the release estimates for 2003. Following is a table that summarizes the revised upper bound values for reported chemicals:

		CERCLA	UPPER BOUND	UPPER BOUND
HAZARDOUS	CAS	REPORTABLE	CR-ERNS#	CR-ERNS#
SUBSTANCE	NUMBER	QUANTITY	728498 (REV)	611493
Biphenyl	92-52-4	100	119	109
Hydrogen Fluoride	7664-39-3	100	200	192
Chloroform	67-66-3	10	104	99
Sulfuric Acid	7664-93-9	1000	1338	1260

This correspondence is intended to provide written notification to the EPA Regional Office, SERC, LEPC and WDNR of the changes made to the initial notification that occurred on June 17, 2002¹. Enclosed are revised forms made in the original submittal. If you have any further questions, please contact me at 920-438-4212.

Sincerely,

FORT JAMES OPERATING)COMPANY

Jacqueline K. Powell Environmental Engineer

Enclosure

CC: Mr. David Woodbury
Emergency Management Coordinator
101 South Webster Street, LE/5
Madison, WI 53703

Mr. Cullen Peltier Local Emergency Planning Committee 300 East Walnut Street Green Bay, WI 54301

Ms. Roxanne Nelezen-Chronert Wisconsin Department of Natural Resources 1125 North Military Avenue Green Bay, WI 54307

Mr. Raj Rao Wisconsin Department of Natural Resources 1125 North Military Avenue Green Bay, WI 54307

¹ CR-ERNS Number 611493 was assigned to the initial notification made on June 17, 2002.

SECTION	I: GENERAL INFORMATION CR-ERNS Number: 728498
Date of Init	ial Release: 6 17 02 Date of Initial Call to NRC: 6 17 02
	port: Indicate below the type of report you are submitting. First Anniversary Written Notification of a Change to Report Initial Notification Follow-up Report
quantity and ra	tement: I certify that the hazardous substances releases described herein are continuous and stable in the under the definitions in 40 CFR 302.8(a) or 355.4(a)(2)(iii) and that all submitted information is current to the best of my knowledge. Russell D. HcCollister, Societ Vice President Green Bay Name and Position Operations Signature Signature
Part A. Faci	lity or Vessel Information
Name of Faci	lity or Vessel Fort James Operating Company
Person in Charge of Facility or Vessel	Name of Person in Charge Russell D. McCollister Position Telephone No. (920) 438-2561 Alternate Telephone No. (920) 435-8821
Facility Address or Vessel Port of Registration	Street 1919 South Broadway . County Brown City Green Bay State WI Zip Code 54304
	dstreet Number for Facility 065410656
Facility/Vess Location	el Latitude Deg 44 Min 29 Sec 00 Vessel LORAN Coordinates Longitude Deg 088 Min 02 Sec 00
Part B. Po	pulation Information
Population Density	Choose the range that describes the population density within a one-mile radius of your facility or vessel (Indicate by placing an "X" in the appropriate blank below). 0 - 50 persons
Sensitive Populations and Ecosystems	Sensitive Populations or Ecosystems Distance and direction from facility (e.g., schools, hospitals, wetlands, wildlife preserves, etc.) Fox River 500 feet East of Facility
Within One Mile Radius	Lake Michigan-Green Bay 11 Hile North of Facility

INFORMATION Part A: Basis for Asserting the Release for EACH source of a release of a hazard ressel, provide the following information of the essary.	ous substan	nuous and Si	able in Quan	ility or
Name of Source: SOI Stock	- #5 R	aper Mac	hine	
1. Indicate whether the release from this source continuous without interruptionX		outine, anticipat	ed, intermittent	
 Identify the activity(ies) that results in the rel If malfunction, describe the malfunction and continuous and stable in quantity and rate.* 	ease from this explain why the	source (e.g., bai he release from t	tch process, filling he malfunction sho	of a storage tank). ould be considered
Tissue production				
	· · · · · · · · · · · · · · · · · · ·		•	
3. Identify below how you established the patt	em of release	and calculated r	elease estimates,	
	ledge of the fa		Engi	neering estimate
AP-42 Procedures Best	orofession.al ju	ıdgment	_X_ Oth	er (explain)
	- - • -			en e
Representative source sta	ck testic	ገኇ ·		•

^{*} Note that unanticipated events, such as spills, pipe ruptures, equipment failures, emergency shutdowns, or accidents, do not qualify for reduced reporting under CERCLA section 103(f)(2). Unanticipated events are not incidental to normal operations and, by definition, are not continuous or anticipated and are not sufficiently predictable or regular to be considered stable in quantity and rate.

SECTION II: SOURCE INFORMATION (continued)	CR-ERNS Number 728 498
Name of Source: SOI Stack - #5	Paper Machine
Part B: Specific Information on the Source	
For the source identified above, provide the follow sheet for EACH source. Photocopy this page if n	ecessary.
AFFECTED MEDIUM. Identify the environmental medium affected by the release from this source. If your source release wastepile releasing to air and ground water), treat the release Section II, Parts A, B, and C, of this format for EACH medium.	ses hazardous substances to more than one medium (e.g., a to EACH medium as a separate source and complete
AIR X (stack X or area) If the mediu source is a stack or a ground-based area source.	
 If identified source is a stack, indicate stack height If identified source is an area source (e.g., waste permissions), indicate surface area: square fe 	pile, landfill, valves, tank vents, pump seals, fugitive
SURFACE WATER, lake	or other
If the release affects any surface water body, give	,
If the release affects a stream, give the stream ord stream order: or average flow rate:	
	of the lake in acres and the average depth in meters.
SOIL OR GROUND WATER	
If the release is on or under ground, indicate the distance t	to the closest water well.
Optional In	formation
The following information is not required in the final evaluating the risks associated with the continuous re	rule; however, such information will assist EPA in lease. If this information is not provided, EPA will inte values. Please note that the units specified below

For a stack release to air, provide the following information, if available:
Inside diameter 3.8 feet or meters
Gas Exit Velocity feet/second or

Max. 15,000 ft³/min meters/second-Gas Temperature 130 degrees Fabrenheit, Kelvin, or Celsius For a release to surface water, provide the following information, if available:

Average Velocity _____ feet/second of Surface Water

Part C. Identity and Quantity of Each Hazardous Substance or Mixture Released From Each Source

Please provide a SEPARATE sheet for EACH source. Photocopy this page if necessary.

Name of Source: SOI Stack - #5 Paper Machine

List each hazardous substance released from the source identified above and provide the following information. (For an example, see Table 1 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

Name of Hazardous Substan	E CASRN#	(in lbs. or kg per day)* Upper Bound Lower Bound	of Releases (per year)	Released in Previous Year (in lbs. or kg)*	Months of the Release
Chloro form'	67-66-3	0.8(lbs) o(lbs)	365	290 (165) Jan	uarythrough Decomber
Biphenyl	92-52-4	15.3(lbs) 0(lbs)	365	5,600 (lbs) Jane	vary through December

Upper bound revised based on 2003 Air Emissions Inventory calculation.

List each mixture released from the source identified above and provide the following information. (For an example, see Table 2 of Reporting Requirements for Continuous Releases of Hazardons Substances - A Guide for Facilities and Vessels on Compliance.)

Normal Range of Normal Range of Total Quantity of Name of Components Mixtura Number Mixture Released Months Hazardous . (in lbs. or kg per day)* (in lbs. or kg per day)* of Releases in Previous Year of the Weight Upper Lower Upper Lower Substance Name of Mixture CASRN Percentage Bound Bound Bound Bound (per year) (in lbs. or kg) Release Components

^{*} Please be sure to include units where appropriate. Also, if the release is a radionuclide, units of curies (CI) are appropriate.

SECTION II: SOURCE INFORMATION	CR-ERNS Number 72849
Part A: Basis for Asserting the Release is Co For EACH source of a release of a hazardous sub lessel, provide the following information on a SE secessary.	bstance or mixture from your facility or
Name of Source: SO2 Stack - #	tle Paper Machine
Indicate whether the release from this source is either: continuous without interruption OF	
 Identify the activity(ies) that results in the release from If malfunction, describe the malfunction and explain v continuous and stable in quantity and rate. 	n this source (e.g., batch process, filling of a storage tank). why the release from the malfunction should be considered
Tissue Production	
Identify below how you established the pattern of re Past release data Knowledge of operations and	clease and calculated release estimates, The facility/vessel's Engineering estimate and release history
AP-42 Procedures Best professio	onal judgment Other (explain)
Representative source stack	testing.

* Note that unanticipated events, such as spills, pipe ruptures, equipment failures, emergency shutdowns, or accidents, do not qualify for reduced reporting under CERCLA section 103(f)(2). Unanticipated events are not incidental to normal operations and, by definition, are not continuous or anticipated and are not sufficiently predictable or regular to be considered stable in quantity and rate.

SECTION II: SOURCE INFORMATION	CR-ERNS Number 728498			
(continued)				
Name of Source: SO2 Stack - #6	Paper Machine			
AFFECTED MEDIUM. Identify the environmental medic affected by the release from this source. If your source release wastepile releasing to air and ground water), treat the release	um (i.e., air, surface water, soil, or ground water) that is ases hazardous substances to more than one medium (e.g., a e to EACH medium as a separate source and complete			
Section II, Parts A, B, and C, of this format for EACH medium affected. AIR X (stack X or area) If the medium affected is air, please also specify whether the source is a stack or a ground-based area source. If identified source is a stack, indicate stack height: 50 feet or meters: OR If identified source is an area source (e.g., waste pile, landfill, valves, tank vents, pump seals, fugitive emissions), indicate surface area: square feet or square meters.				
 SURFACE WATER (stream, lake, or other) If the release affects any surface water body, give the name of the water body. If the release affects a stream, give the stream order or average flow rate, in cubic feet per second. stream order: or average flow rate: cubic feet/second; OR If the release affects a lake, give the surface area of the lake in acres and the average depth in meters. 				
surface area of lake: acres and average depth of lake: meters. SOIL OR GROUND WATER If the release is on or under ground, indicate the distance to the closest water well.				
Optional I	nformation			
The following information is not required in the final evaluating the risks associated with the continuous r	I rule; however, such information will assist EPA in elease. If this information is not provided, EPA will riste values. Please note that the units specified below			
For a stack release to air, provide the following information, if available: Inside diameter 3.9 feet or meters Gas Exit Velocity feet/second or meters/second Gas Temperature 130 degrees Fahrenheit, Kelvin, or Celsius	• For a release to surface water, provide the following information, if available: Average Velocity feet/second of Surface Water			

SECTION II: SOURCE INFORMATION (continued)

CK-EKNS Number 728498

Part C. Identity and Quantity of Each Hazardous Substance or Mixture Released From Each Source

Please provide a SEPARATE sheet for EACH source. Photocopy this page if necessary.

Name of Source: SOQ Stack - # 6 Paper Machine

List each hazardous substance released from the source identified above and provide the following information. (For an example, see Table 1 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

Normal Range Number Total Quantity

(in lbs. or kg per day) of Releases Released in Previous Year Months of (per year)

(in lbs. or kg per day) of Releases Released in Previous Year Months of (per year)

(in lbs. or kg) the Release

(Chloroform 67-66-3 2.2(lbs) O(lbs) 365 800 (lbs) January through December Bipheny | 92-52-4 9.3(lbs) O(lbs) 365 3,400 (lbs) January through December

List each mixture released from the source identified above and provide the following information. (For an example, see Table 2 of Reporting Requirements for Continuous Releases of Hazardons Substances - A Guide for Facilities and Vessels on Compliance.)

Normal Range of Normal Range of Total Quantity of **Mixture** Name of Components Number Mixture Released Months Hazardous . (in lbs. or kg per day)* (in lbs. or kg per day)* of Releases In Previous Year Weight of the Upper Lower Upper Lower Substance CASRN Nante of Mixture Percentage Components Bound Bound Bound Bound (per year) (in lbs. or kg) Release

^{*} Please be sure to include units where appropriate. Also, if the release is a radionuclide, units of curies (CI) are appropriate.

SECTION II: SOURCE INFORMATION	CR-ERNS Number 728 498
Part A: Basis for Asserting the Release is Co For EACH source of a release of a hazardous sub vessel, provide the following information on a SE necessary.	stance or mixture from your facility or
Name of Source: SO3 Stack -	#7 Paper Machine
1. Indicate whether the release from this source is either: continuous without interruptionOI	
If malfunction, describe the malfunction and explain vecontinuous and stable in quantity and rate.*	n this source (e.g., batch process, filling of a storage tank). Any the release from the malfunction should be considered
Tissue production.	
3. Identify below how you established the pattern of re Past release data Knowledge of operations an	lease and calculated release estimates, the facility/vessel's Engineering estimate d release history
Bearsentative Source Stack	

^{*} Note that unanticipated events, such as spills. pipe ruptures, equipment failures, emergency shutdowns, or accidents, do not qualify for reduced reporting under CERCLA section 103(f)(2). Unanticipated events are not incidental to normal operations and, by definition, are not continuous or anticipated and are not sufficiently predictable or regular to be considered stable in quantity and rate.

SECTION II: SOURCE
INFORMATION
(continued)

CR-ERNS Number 728498

Name of Source: 503 Stack-#7 Paper Machine				
Part B: Specific Information on the Source				
For the source identified above, provide the following information. Please provide a SEPARATE sheet for EACH source. Photocopy this page if necessary.				
AFFECTED MEDIUM. Identify the environmental medium (i.e., air, surface water, soil, or ground water) that is affected by the release from this source. If your source releases hazardous substances to more than one medium (e.g., a wastepile releasing to air and ground water), treat the release to EACH medium as a separate source and complete Section II, Parts A, B, and C, of this format for EACH medium affected.				
AIR X (stack X or area) If the medium affected is air, please also specify whether the source is a stack or a ground-based area source.				
• If identified source is a stack, indicate stack height: 59 (feet or meters: OR				
If identified source is an area source (e.g., waste pile, landfill, valves, tank vents, pump seals, fugitive emissions), indicate surface area: square feet or square meters.				
SURFACE WATER (stream, lake, or other)				
If the release affects any surface water body, give the name of the water body.				
If the release affects a stream, give the stream order or average flow rate, in cubic feet per second. stream order: or average flow rate: cubic feet/second; OR				
If the release affects a lake, give the surface area of the lake in acres and the average depth in meters.				
surface area of lake: acres and average depth of lake: meters.				
O COLL OD COOLID WATER				
SOIL OR GROUND WATER If the release is on or under ground, indicate the distance to the closest water well.				
Optional Information				
The following information is not required in the final rule; however, such information will assist EPA in evaluating the risks associated with the continuous release. If this information is not provided, EPA will make conservative assumptions about the appropriate values. Please note that the units specified below are suggested units. You may use other units; however, be certain that the units are clearly identified.				
For a stack release to air, provide the following information, if available: Inside diameter 3.7 feet or meters Gas Exit Velocity feet/second or meters/second Gas Temperature 100 degrees Fahrenheit, Kelvin, or Celsius				

Part C. Identify and Quantity of Each Hazardous Substance or Mixture Released From Each Source

Please provide a SEPARATE sheet for EACH source. Photocopy this page if necessary.

Name of Source: 503 Stack - #7 Paper Machine

List each hazardous substance released from the source identified above and provide the following information. (For an example, see Table 1 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

Normal Range Number Total Quantity

(in lbs. or kg per day)*

Nature of Hazardous Substance CASRN# Upper Bound Lower Bound (per year)

Chloroform (67-66-3 1.4(lbs) O(lbs) 365 500(lbs) January through December

Bipheny 92-58-4 5.5(lbs) O(lbs) 365 2.000(lbs) January through December

List each mixture released from the source identified above and provide the following information. (For an example, see Table 2 of Reporting Requirements for Continuous Releases of Hazardons Substances - A Guide for Facilities and Vessels on Compliance.)

Normal Range of Normal Range of Total Quantity of Name of Mixturo Components Number Mixture Released Months Hazardous . (in lbs. or kg per day)* (in lbs. or kg per day)* of Releases In Previous Year Weight Upper Lower Upper Lower of the Substance Name of Mixture CASRN Percentage Components Bound Bound Bound Bound (per year) (in lbs. or kg) Release

^{*} Please be sure to include units where appropriate. Also, if the release is a radionuclide, units of curies (CI) are appropriate.

SECTION II: SOURCE INFORMATION	CR-ERNS Number 728498
Part A: Basis for Asserting the Release is Core For EACH source of a release of a hazardous subsessel, provide the following information on a SE secessary.	bstance or mixture from your facility or
Name of Source: 504 Stack -	#8 Paper Machine
1. Indicate whether the release from this source is either: continuous without interruption	
 Identify the activity (ies) that results in the release from If malfunction, describe the malfunction and explain continuous and stable in quantity and rate.* 	n this source (e.g., batch process, filling of a storage tank). why the release from the malfunction should be considered
Tissue Production	
3. Identify below how you established the pattern of re Past release data Knowledge of operations an	the facility/vessel's Engineering estimate d release history
AP-42 Procedures Best profession	onal judgment Other (explain)
Representative source stack	testing

^{*} Note that unanticipated events, such as spills, pipe ruptieres, equipment failures, emergency shutdowns, or accidents, do not qualify for reduced reporting under CERCLA section 103(f)(2). Unanticipated events are not incidental to normal operations and, by definition, are not continuous or anticipated and are not sufficiently predictable or regular to be considered stable in quantity and rate.

SECTION II: SOURCE INFORMATION	CR-ERNS Number 728498				
(continued)					
Name of Source: 504 Stack - #8 Paper Machine					
Part B: Specific Information on the Source For the source identified above, provide the following information. Please provide a SEPARATE sheet for EACH source. Photocopy this page if necessary. AFFECTED MEDIUM. Identify the environmental medium (i.e., air, surface water, soil, or ground water) that is affected by the release from this source. If your source releases hazardous substances to more than one medium (e.g., a wastepile releasing to air and ground water), treat the release to EACH medium as a separate source and complete Section II, Parts A, B, and C, of this format for EACH medium affected.					
 AIR X (stack X or area) If the med source is a stack or a ground-based area source. If identified source is a stack, indicate stack height identified source is an area source (e.g., waste emissions), indicate surface area: square : SURFACE WATER (stream, lake) 	ht: LOO feet or meters; OR pile, landfill, valves, tank vents, pump seals, fugitive feet or square meters.				
 If the release affects any surface water body, give the name of the water body. If the release affects a stream, give the stream order or average flow rate, in cubic feet per second. stream order: or average flow rate: cubic feet/second: OR If the release affects a lake, give the surface area of the lake in acres and the average depth in meters. surface area of lake: acres and average depth of lake: meters. 					
SOIL OR GROUND WATER If the release is on or under ground, indicate the distance	to the closest water well.				
Optional I	nformation				
The following information is not required in the final rule; however, such information will assist EPA in evaluating the risks associated with the continuous release. If this information is not provided, EPA will make conservative assumptions about the appropriate values. Please note that the units specified below are suggested units. You may use other units; however, be certain that the units are clearly identified.					
For a stack release to air, provide the following information, if available: Inside diameter 3.5 feet or meters Gas Exit Velocity feet/second or meters/second Gas Temperature degrees Calmenheit Kelvin, or Celsius	For a release to surface water, provide the following information, if available: Average Velocity feet/second of Surface Water				

SECTION II:	SOURCE	INFORMA	TION
	'(continue	d)	

CR-EKNS Number 728498

Part C. Identity and Quantity of Each Hazardous Substance or Mixture Released From Each Source

Please provide a SEPARATE sheet for EACH source. Photocopy this page if necessary.

Name of Source: SO4 Stack - # 8 Paper Machine

List each hazardous substance released from the source identified above and provide the following information. (For an example, see Table 1 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

Name of Hazardous Substant	z CASRN#	Norma (in lbs. or l Upper Bound	I Range kg per day)* Lower Bound	Number of Releases (per year)	Total Quantity Released in Previous Year (in lbs. or kg) Output Outp	Months of the Release
Chloroform	67-66-3	1.1 (lbs)	0 (16s)	365	380(lbs) Janu	lary through December
Biphenyl	92-52-4	4.2(lbs)	O (lbs)	365	1,500 (lbs) Janu	ary through December

'Upper bound revised based on 2003 Air Emissions Inventory Calculation.

List each mixture released from the source identified above and provide the following information. (For an example, see Table 2 of Reporting Requirements for Continuous Releases of Hazardons Substances - A Guide for Facilities and Vessels on Compliance.)

Normal Range of Normal Range of Total Quantity of Name of Components Mixtura Number Mixture Released Months (in lbs. or kg per day) Hazardous . (in lbs. or kg per day)* of Releases in Previous Year of the Weight Upper Lower Upper Lower Substance Name of Mixture CASRN# Percentage Bound (per year) (in lbs. or kg) Components Bound Bound Bound Release

^{*} Please be sure to include units where appropriate. Also, if the release is a radionuclide, units of curies (CI) are appropriate.

	SECTION II: SOURCE CR-ERNS Number 728498 INFORMATION
V	Part A: Basis for Asserting the Release is Continuous and Stable in Quantity and Rate. For EACH source of a release of a hazardous substance or mixture from your facility or essel, provide the following information on a SEPARATE sheet. Photocopy this page if eccessary.
	Name of Source: SO5 Stack - #9 Paper Machine
	1. Indicate whether the release from this source is either: continuous without interruption OR routine, anticipated, intermittent
	2. Identify the activity(ies) that results in the release from this source (e.g., batch process, filling of a storage tank). If malfunction, describe the malfunction and explain why the release from the malfunction should be considered continuous and stable in quantity and rate.*
	Tissue production.
•	
	3. Identify below how you established the pattern of release and calculated release estimates,
	Past release data Knowledge of the facility/vessel's Engineering estimate operations and release history
	AP-42 Procedures Best professional judgment X Other (explain) Representative source stack testing.

^{*} Note that unanticipated events, such as spills. pipe ruptures, equipment failures, emergency shutdowns, or accidents, do not qualify for reduced reporting under CERCLA section 103(f)(2). Unanticipated events are not incidental to normal operations and, by definition, are not continuous or anticipated and are not sufficiently predictable or regular to be considered stable in quantity and rate.

SECTION II: SOURCE INFORMATION (continued)	CR-ERNS Number 728498				
Name of Source: SO5 Stack - #9 Paper Machine					
Part B: Specific Information on the Source For the source identified above, provide the following information. Please provide a SEPARATE sheet for EACH source. Photocopy this page if necessary. AFFECTED MEDIUM. Identify the environmental medium (i.e., air, surface water, soil, or ground water) that is affected by the release from this source. If your source releases hazardous substances to more than one medium (e.g., a wastepile releasing to air and ground water), treat the release to EACH medium as a separate source and complete Section II, Parts A, B, and C, of this format for EACH medium affected.					
 AIR X (stack X or area) If the medius source is a stack or a ground-based area source. If identified source is a stack, indicate stack height If identified source is an area source (e.g., waste permissions), indicate surface area: square for 	t: 6 feet or meters; OR oile, landfill, valves, tank vents, pump seals, fugitive				
 SURFACE WATER					
SOIL OR GROUND WATER If the release is on or under ground, indicate the distance of	SOIL OR GROUND WATER If the release is on or under ground, indicate the distance to the closest water well.				
Optional In	formation				
The following information is not required in the final rule; however, such information will assist EPA in evaluating the risks associated with the continuous release. If this information is not provided, EPA will make conservative assumptions about the appropriate values. Please note that the units specified below are suggested units. You may use other units; however, be certain that the units are clearly identified.					
For a stack release to air, provide the following information, if available: Inside diameter 4 feet or meters Gas Exit Velocity feet/second or meters/second Gas Temperature 10 degrees Paluenheit, Kelvin, or Celsius	For a release to surface water, provide the following information, if available: Average Velocity feet/second of Surface Water				

Part C. Identity and Quantity of Each Hazardous Substance or Mixture Released From Each Source

Please provide a SEPARATE sheet for EACH source. Photocopy this page if necessary.

Name of Source: SO5 Stack - #9 Paper Machine

List each hazardous substance released from the source identified above and provide the following information. (For an example, see Table 1 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

Naine of Hazardous Substance	CASRN#	Norma (in lbs. or l Upper Bound	il Range kg per day)* Lower Bound	Number of Releases (per year)	Total Quantity Released in Previous Year (in lbs. or kg)*	Months of the Release
Chloroform'	67-66-3	2.0(1bs)	0 (lbs)	365	730 (lbs) Jan	ruary through December
Biphenyl'	92-52-4	8.1(16)	O(lbs)	365	2,900(lbs) Janu	vary through December

Upper bound revised based on 2003 Air Emissions Inventory Calculation

List each mixture released from the source identified above and provide the following information. (For an example, see Table 2 of Reporting Requirements for Continuous Releases of Hazardons Substances - A Guide for Pacilities and Vessels on Compliance.)

Normal Range of Normal Range of Total Quantity of Components Mixtura Name of Number Mixture Released Months Hazardous . (in lbs. or kg per day)* (in lbs. or kg per day) of Releases in Previous Year of the Upper Lower Weight Upper Lower Substance Name of Mixture CASRNE Percentage (per year) (in lbs. or kg) Components Bound Bound Bound Release

[.] Please be sure to include units where appropriate. Also, if the release is a radionuclide, units of curies (CI) are appropriate.

SECTION II: SOURCE INFORM		CR	ERNS Numbe	T 728498
Part A: Basis for Asserting For EACH source of a releasessel, provide the following ecessary.	se of a hazardous sub	stance or mixture	from your facili	ty or
Name of Source: Sa	11 Stack -	#1 Paper 1	Machine	
Indicate whether the release : continuous without interruption			ed, intermittent	•
2. Identify the activity (ies) that If malfunction, describe the continuous and stable in quan Tissue Producti	malfunction and explain a ntity and rate.*	n this source (e.g., ba why the release from t	tch process, filling of he malfunction shoul	a storage tank). d be considered
	•		•	
3. Identify below how you es	tablished the pattern of re	lease and calculated r	elcase estimates,	
Past release data	Knowledge of operations an	the facility/vessel's d release history	Engine	ering estimate
AP-42 Procedur	es Best profession	nal judgment	Other	(explain)
Representative	source stack-	testing.		

^{*} Note that unanticipated events, such as spills. pipe ruptures, equipment failures, emergency shutdowns, or accidents. do not qualify for reduced reporting under CERCIA section 103(f)(2). Unanticipated events are not incidental to normal operations and, by definition, are not continuous or anticipated and are not sufficiently predictable or regular to be considered stable in quantity and rate.

SECTION II: SOURCE INFORMATION	CR-ERNS Number 728498				
(continued)					
Name of Source: S21 Stack - #1 Paper Machine					
Part B: Specific Information on the Source For the source identified above, provide the followsheet for EACH source. Photocopy this page if	Part B: Specific Information on the Source For the source identified above, provide the following information. Please provide a SEPARATE sheet for EACH source. Photocopy this page if necessary.				
AFFECTED MEDIUM. Identify the environmental media affected by the release from this source. If your source relewastepile releasing to air and ground water), treat the release Section II, Parts A, B, and C, of this format for EACH medians.	ases hazardous substances to more than one medium (e.g., a te to EACH medium as a separate source and complete				
AIR X (stack X or area) If the med source is a stack or a ground-based area source.	ium affected is air, please also specify whether the				
 If identified source is a stack, indicate stack height If identified source is an area source (e.g., waste emissions), indicate surface area: square to 	pile, landfill, valves, tank vents, pump seals, fugitive				
SURFACE WATER, lake	, or other)				
If the release affects any surface water body, gi	ve the name of the water body.				
stream order: or average flow rate: If the release affects a lake, give the surface area	of the lake in acres and the average depth in meters.				
surface area of lake: acres and average d	epth of lake: meters.				
SOIL OR GROUND WATER If the release is on or under ground, indicate the distance	to the closest water well.				
	formation 1 rule; however, such information will assist EPA in				
evaluating the risks associated with the continuous release. If this information is not provided, EPA will make conservative assumptions about the appropriate values. Please note that the units specified below are suggested units. You may use other units; however, be certain that the units are clearly identified.					
For a stack release to air, provide the following information, if available: Inside diameter (feet or meters) Gas Exit Velocity feet/second or	For a release to surface water, provide the following information, if available: Average Velocity feet/second of Surface Water				
Max 51,000 ft3 min meters/second degrees Fahrenheit, Kelvin, or Celsius					

SECTION II:	SOURCE	INFORM	ATK)N
	(continue	d)		

CR-ERNS Number 728498

Part C. Identity and Quantity of Each Hazardous Substance or Mixture Released From Each Source

Please provide a SEPARATE sheet for EACH source. Photocopy this page if necessary.

Name of Source: Sal Stack - #1 Paper Machine

List each hazardous substance released from the source identified above and provide the following information. (For an example, see Table 1 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

Native of Hazardous Substance	CASRN#	Normal Range (in lbs. or kg per day)* Upper Bound Lower Bound	of Releases (per year)	Total Quantity Released in Previous Year (in lbs. or kg)	Months of the Release
Chloroform	67-66-3	3.0(lbs) 0(lbs)	365	1,100 (16s) Jan	vary through December
Biphenyl	92-52-4	11.8(lbs) O(lbs)	365	4,300 (16s) Janua	ary through December

List each mixture released from the source identified above and provide the following information. (For an example, see Table 2 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

Normal Range of Normal Range of Total Quantity of Mixture Components Name of Number Mixture Released Months (in lbs. or kg per day) Hazardous . (in lbs. or kg per day)* of Releases In Previous Year of the Weight Upper Lower Upper Lower Substance Percentage Name of Mixture CASRN (per year) (in lbs. or kg) Bound Components Bound Bound Release

^{*} Please be sure to include units where appropriate. Also, If the release is a radiunuclide, units of curies (CI) are oppropriate.

INFORMATION	CR-ERNS Number 728498
Part A: Basis for Asserting the Release is Core EACH source of a release of a hazardous sulessel, provide the following information on a SE ecessary.	stance or mixture from your facility or
Name of Source: \$33 Stack -	#10 Paper Machine
Indicate whether the release from this source is either: continuous without interruption	
 Identify the activity(ies) that results in the release from If malfunction, describe the malfunction and explain a continuous and stable in quantity and rate. 	n this source (e.g., batch process, filling of a storage tank). why the release from the malfunction should be considered
Tissue production.	
3. Identify below how you established the pattern of re	clease and calculated release estimates,
Past release data Knowledge of operations an	the facility/vessel's Engineering estimate d release history
AP-42 Procedures Best profession	onal judgment Other (explain)
Representative source stack	testing.

* Note that unanticipated events, such as spills. pipe ruptures, equipment failures, emergency shutdowns, or accidents, do not qualify for reduced reporting under CERCLA section 103(f)(2). Unanticipated events are not incidental to normal operations and, by definition, are not continuous or anticipated and are not sufficiently predictable or regular to be considered stable in quantity and rate.

SECTION II: SOURCE INFORMATION (continued)	CR-ERNS Number 728498				
Name of Source: 533 Stack - #10) Paper Machine				
Part B: Specific Information on the Source					
For the source identified above, provide the followsheet for EACH source. Photocopy this page if	wing information. Please provide a SEPARATE necessary.				
AFFECTED MEDIUM. Identify the environmental mediu	um (i.e., air, surface water, soil, or ground water) that is ases hazardous substances to more than one medium (e.g., a e to EACH medium as a separate source and complete				
AIR X (stack X or area) If the medisource is a stack or a ground-based area source.	ium affected is air, please also specify whether the				
 If identified source is a stack, indicate stack height If identified source is an area source (e.g., waste emissions), indicate surface area: square to 	pile, landfill, valves, tank vents, pump seals, fugitive				
SURFACE WATER, lake	, or other)				
If the release affects any surface water body, gi	ve the name of the water body.				
stream order: or average flow rate:	of the lake in acres and the average depth in meters.				
SOIL OR GROUND WATER If the release is on or under ground, indicate the distance	to the closest water well.				
	nformation				
The following information is not required in the final rule; however, such information will assist EPA in evaluating the risks associated with the continuous release. If this information is not provided, EPA will make conservative assumptions about the appropriate values. Please note that the units specified below are suggested units. You may use other units; however, be certain that the units are clearly identified.					
For a stack release to air, provide the following information, if available: Inside diameter 4.3 feet or meters Gas Exit Velocity feet/second or meters/second Gas Temperature 124 degrees Palmenheit,	For a release to surface water, provide the following information, if available: Average Velocity feet/second of Surface Water				

DEC 1	IUN	11;	SOURCE INFO	JKWAI IUN
			(continued)	

Part C. Identity and Quantity of Each Hazardous Substance or Mixture Released From Each Source

Please provide a SEPARATE sheet for EACH source. Photocopy this page if necessary.

Name of Source: 533 Stack - # 10 Paper Machine

List each hazardous substance released from the source identified above and provide the following information. (For an example, see Table 1 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

Name of Hazardous Substar	ce CASRN#	Normal Range (in lbs. or kg per day)* <u>Upper Bound</u> <u>Lower Bound</u>	Number of Releases (per year)	Total Quantity Released in Previous Year (in lbs. or kg) Output (in lbs. or kg)	Months of the Release
Chloroform	67-66-3	3,8(lbs) 0(lbs)	365	1,400 (16s) Jan	uary through December
Biphenyl!	92-52-4	16.9 (1bs) O(1bs)	365	6,100 (lbs) Janu	vary through December

Upper bound revised based on 2003 Air Emissions Inventory Calculation.

List each mixture released from the source identified above and provide the following information. (For an example, see Table 2 of Reporting Requirements for Continuous Releases of Hazardons Substances - A Guide for Facilities and Vessels on Compliance.)

Normal Range of Normal Range of Total Quantity of Components Mixtura Name of Number Mixture Released Months (in lbs. or kg per day)* (in lbs. or kg per day)* Hazardous . of Releases In Previous Year of the Weight Upper Lower Upper Lower Substance Name of Mixture Bound Bound CASRN# Percentage Bound (per year) (in lbs. or kg) Release Components

^{*} Please be sure to include units where appropriate. Also, if the release is a radionuclide, units of curies (CI) are appropriate.

SECTION II: SOURCE INFORMATIO	N		CR-EI	RNS Number 72	18498
art A: Basis for Asserting the I or EACH source of a release of a lessel, provide the following informer ecessary.	hazardous sub	stance or m	ixture fro	m your facility or	
Name of Source: 543 St	rack - =	±3 Paper	- Mac	hine	
1. Indicate whether the release from this continuous without interruption			nticipated, in	ntermittent	
2. Identify the activity(ies) that results in If malfunction, describe the malfunction continuous and stable in quantity and	ion and explain v	n this source (e.g., batch p	process, filling of a stor calfunction should be co	age tank). onsidered
Tissue production	•				
					•
Identify below how you established Past release data	Knowledge of	lease and calc the facility/ve d release histo	:ssel's	se estimates, Engineering e	stimate
AP-42 Procedures	_ Best professio	onal judgment	•	Other (expli	in)
Representative source	stack te	esting.			

^{*} Note that unanticipated events, such as spills, pipe ruptures, equipment failures, emergency shutdowns, or accidents, do not qualify for reduced reporting under CERCLA section 103(f)(2). Unanticipated events are not incidental to normal operations and, by definition, are not continuous or anticipated and are not sufficiently predictable or regular to be considered stable in quantity and rate,

SECTION II: SOURCE INFORMATION	CR-ERNS Number 728498
(continued)	
Name of Source: 943 Stack - #3	B Paper Machine
Part B: Specific Information on the Source	
For the source identified above, provide the followsheet for EACH source. Photocopy this page if	wing information. Please provide a SEPARATE necessary.
AFFECTED MEDIUM. Identify the environmental medicaffected by the release from this source. If your source relewastepile releasing to air and ground water), treat the release Section II, Parts A, B, and C, of this format for EACH medical source.	ases hazardous substances to more than one medium (e.g., a se to EACH medium as a separate source and complete
AIR X (stack X or area) If the med source is a stack or a ground-based area source.	ium affected is air, please also specify whether the
If identified source is a stack, indicate stack height	ht: 50 (feet) or meters; OR
If identified source is an area source (e.g., waste emissions), indicate surface area: square :	pile, landfill, valves, tank vents, pump seals, fugitive
SURFACE WATER, lake	_, or other)
If the release affects any surface water body, gi	ve the name of the water body.
If the release affects a stream, give the stream or stream order: or average flow rate:	rder or average flow rate, in cubic feet per secondcubic feet/second: OR
If the release affects a lake, give the surface area surface area of lake; acres and average d	a of the lake in acres and the average depth in meters.
SOIL OR GROUND WATER If the release is on or under ground, indicate the distance	to the closest water well.
Optional I	nformation
evaluating the risks associated with the continuous r	I rule; however, such information will assist EPA in elease. If this information is not provided, EPA will orinte values. Please note that the units specified below ever, be certain that the units are clearly identified.
For a stack release to air, provide the following information, if available: Inside diameter 3.6 feet or meters Gas Exit Velocity feet/second or meters/second Gas Temperature 150 degrees Falmenheit Kelvin, or Celsius	For a release to surface water, provide the following information, if available: Average Velocity feet/second of Surface Water

Part C. Identity and Quantity of Each Hazardous Substance or Mixture Released From Each Source

Please provide a SEPARATE sheet for EACH source. Photocopy this page if necessary.

Name of Source: \$43 Stack - #3 Paper Machine

List each hazardous substance released from the source identified above and provide the following information. (For an example, see Table 1 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

Name of Hazardous Substance	CASRN#	Normal Range (in lbs. or kg per day)* Upper Bound Lower Bou	Number of Releases nd (per year)	Total Quantity Released in Previous Year (in lbs. or kg) Output (in lbs. or kg)	Months of the Release
Chloroform	67-66-3	0.8(1bs) 0(1bs)	365	290 (16s) Jan	uary through December
Biphenyl	92-52-4	3.3(lbs) 0(lbs) 365	1,200 (1bs) Janu	vary Through December

List each mixture released from the source identified above and provide the following information. (For an example, see Table 2 of Reporting Requirements for Continuous Releases of Hazardons Substances - A Guide for Facilities and Vessels on Compliance.)

Normal Range of Normal Range of Total Quantity of Components Mixture Name of Mixture Released Number Hazardous . (in lbs. or kg per day)* Months (in lbs. or kg per day)* of Releases Weight in Previous Year of the Upper Lower Upper Lower Substance Name of Mixture CASRNE Percentage Components Bound Bound (per year) (in lbs. or kg) Bound Bound Release

^{*} Please be sure to include units where appropriate. Also, if the release is a radionuclide, units of curies (CI) are appropriate.

SECTION II: SOURCE INFORMATION	CR-ERNS Number 728498
Part A: Basis for Asserting the Release is Co For EACH source of a release of a hazardous subvessel, provide the following information on a SEI	stance or mixture from your facility or
Name of Source: S44 Stack - #	
Indicate whether the release from this source is either: continuous without interruptionOR	routine, anticipated, intermittent
2. Identify the activity(ies) that results in the release from If malfunction, describe the malfunction and explain we continuous and stable in quantity and rate,*	this source (e.g., batch process, filling of a storage tank). Thy the release from the malfunction should be considered
Tissue production	
3. Identify below how you established the pattern of rel Past release data Knowledge of to operations and	case and calculated release estimates, the facility/vessel's Engineering estimate I release history
AP-42 Procedures Best profession Representative source stock to	nal judgment X Other (explain)

^{*} Note that unanticipated events, such as spills, pipe ruptures, equipment failures, emergency shutdowns, or accidents, do not qualify for reduced reporting under CERCLA section 103(f)(2). Unanticipated events are not incidental to normal operations and, by definition, are not continuous or anticipated and are not sufficiently predictable or regular to be considered stable in quantity and rate.

SECTION II: SOURCE INFORMATION (continued)	CR-ERNS Number 728448			
Name of Source: S44 Stack - +	#4 Paper Machine			
Part B: Specific Information on the Source For the source identified above, provide the following information. Please provide a SEPARATE sheet for EACH source. Photocopy this page if necessary. AFFECTED MEDIUM. Identify the environmental medium (i.e., air, surface water, soil, or ground water) that is affected by the release from this source. If your source releases hazardous substances to more than one medium (e.g., a wastepile releasing to air and ground water), treat the release to EACH medium as a separate source and complete Section II, Parts A, B, and C, of this format for EACH medium affected.				
 AIR X (stack X or area) If the medium affected is air, please also specify whether the source is a stack or a ground-based area source. If identified source is a stack, indicate stack height: 53 (feet or meters; OR If identified source is an area source (e.g., waste pile, landfill, valves, tank vents, pump seals, fugitive emissions), indicate surface area: square feet or square meters. 				
stream order: or average flow rate:	rder or average flow rate, in cubic feet per second. cubic feet/second: OR a of the lake in acres and the average depth in meters.			
SOIL OR GROUND WATER If the release is on or under ground, indicate the distance to the closest water well.				
Optional I	nformation			
evaluating the risks associated with the continuous	I rule; however, such information will assist EPA in release. If this information is not provided, EPA will briate values. Please note that the units specified below ever, be certain that the units are clearly identified.			
For a stack release to air, provide the following information, if available: Inside diameter 3.7 feet or meters Gas Exit Velocity feet/second or meters/second Gas Temperature 130 degrees Patnembert, Kelvin, or Celsius	For a release to surface water, provide the following information, if available: Average Velocity feet/second of Surface Water			

SECTION II: SOURCE INFURMATION (continued)

CK-EKIND NUMBER

Total Ourseller

Part C. Identity and Quantity of Each Hazardous Substance or Mixture Released From Each Source

Please provide a SEPARATE sheet for EACH source. Photocopy this page if necessary.

544 Stack - #4 Paper Machine Name of Source:

List each hazardons substance released from the source identified above and provide the following information. (For an example, see Table 1 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.) Normal Pance Mumber

Name of Hazardous Substan	≃ CASRN#	(in lbs. or l Upper Bound	g per day)* Lower Bound	of Releases (per year)	Released in Previous Year (in lbs. or kg)	Months of the Release
	67-66-3	``		365	280 (lbs) Jan	ruary through December
Biphenyl	92-52-4	3.0 (lbs)	O(lbs)	365	1,100(16s) Ja	nuary through December

List each mixture released from the source identified above and provide the following information. (For an example, see Table 2 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

Normal Range of Normal Range of Total Quantity of Mixtura Name of Components Number Mixture Released Hazardous . (in lbs. or kg per day)* Months (in lbs. or kg per day)* of Releases In Previous Year of the Substance Weight Upper Lower Upper Lower Name of Mixture CASRN# Percentage Bound Bound Components Bound (in lbs. or kg) (per year) Release

^{*} Please be sure to include units where appropriate. Also, If the release is a radionuclide, units of curies (CI) are appropriate.

SECTION II: SOURCE INFORMATION	CR-ERNS Number 728498
Part A: Basis for Asserting the Release is Co	Ontinuous and Stable in Quantity and Date
For EACH source of a release of a hazardous subvessel, provide the following information on a SE necessary.	stance or mixture from your facility or
Name of Source: S31 Stack - Pi	ilp Bleaching Equipment
Indicate whether the release from this source is either: continuous without interruption	
 Identify the activity(ies) that results in the release from If malfunction, describe the malfunction and explain a continuous and stable in quantity and rate. 	n this source (e.g., batch process, filling of a storage tank). Aby the release from the malfunction should be considered
Stock preparation.	
	the facility/vessel's Engineering estimated release history
AP-42 Procedures Best profession	onal judgment Other (explain)
Representative source stac	K testing.

^{*} Note that unanticipated events, such as spills. pipe ruptures, equipment failures, emergency shutdowns, or accidents, do not qualify for reduced reporting under CERCLA section 103(f)(2). Unanticipated events are not incidental to normal operations and, by definition, are not continuous or anticipated and are not sufficiently predictable or regular to be considered stable in quantity and rate,

SECTION II: SOURCE INFORMATION (continued)	CR-ERNS Number 728498
Name of Source: 531 Stack - Pu	of Bleaching Equipment
art B: Specific Information on the Source	
or the source identified above, provide the follo	owing Information. Please provide a SEPARATE
neet for EACH source. Photocopy this page if	necessary.
FFECTED MEDIUM. Identify the environmental media fected by the release from this source. If your source releastepile releasing to air and ground water), treat the releast ection II, Parts A, B, and C, of this format for EACH median	ases hazardous substances to more than one medium (e.g., a se to EACH medium as a separate source and complete
AIR (stack or area) If the med source is a stack or a ground-based area source. If identified source is a stack, indicate stack height identified source is an area source (e.g., waste emissions), indicate surface area: square	ht: 49 feet or meters; OR pile, landfill, valves, tank vents, pump seals, fugitive
SURFACE WATER, lake	or other)
 If the release affects any surface water body, gi 	ve the name of the water body.
stream order: or average flow rate:	rder or average flow rate, in cubic feet per second. _ cubic feet/second; OR a of the lake in acres and the average depth in meters.
surface area of lake: acres and average d	•
SOIL OR GROUND WATER If the release is on or under ground, indicate the distance	to the closest water well.
Optional I	nformation
The following information is not required in the fina	I rule; however, such information will assist EPA in release. If this information is not provided, EPA will

make conservative assumptions about the appropriate values. Please note that the units specified below are suggested units. You may use other units; however, be certain that the units are clearly identified.

•		air, provide the following
	information, if availab	44 / 19
	Inside diameter 2.	8 feet or meters
	Gas Exit Velocity	feet/second or
MVIV	Gas Temperature	meters/second
· MA	Gas Temperature	degrees (Palnembeit,)
	•	Kelvin, or Celsius

For a release to surface water, provide the following information, if available: Average Velocity _ of Surface Water feet/second

SECTION II:	SOURCE	INFURM	ATIO	N.
	(continue	ł)		•

CK-EKNS Number 728498

Part C. Identity and Quantity of Each Hazardous Substance or Mixture Released From Each Source

Please provide a SEPARATE sheet for EACH source. Photocopy this page if necessary.

Name of Source: S31 Stack - Pulp Bleaching Equipment

List each hazardous substance released from the source identified above and provide the following information. (For an example, see Table 1 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

Normal Range Number Total Quantity

(in lbs. or kg per day) of Releases Released in Previous Year Months of the Release

(in lbs. or kg per day) of Releases Released in Previous Year Months of the Release

(in lbs. or kg) the Release

(h) or of form (7-66-3 60.3 (lbs) 0 (lbs) 365 22,000 (lbs) January Through December Bipheny (12-52-4 41,1 (lbs) 0 (lbs) 365 15,000 (lbs) January Through December

List each mixture released from the source identified above and provide the following information. (For an example, see Table 2 of Reporting Requirements for Continuous Releases of Hazardons Substances - A Guide for Facilities and Vessels on Compliance.)

Normal Range of Normal Range of Total Quantity of Name of Components Mixtura Mixture Released Number Months (in lbs. or kg per day)* Hazardous . (in lbs. or kg per day)* of Releases In Previous Year of the Upper Lower Weight Upper Lower Substance Name of Mixture CASRN# Percentage Bound Bound Bound Bound (per year) (in lbs. or kg) Components Release

^{*} Please be sure to include units where appropriate. Also, if the release is a radiomuclide, units of curies (CI) are appropriate.

SECTION II: SOURCE INFORMATION	CR-ERNS Number 728498
Part A: Basis for Asserting the Release is Co For EACH source of a release of a hazardous sub vessel, provide the following information on a SE necessary.	stance or mixture from your facility or
Name of Source: P36 Fugitive	Wastewater Treatment Plant Basins
Indicate whether the release from this source is either: continuous without interruptionOF	routine, anticipated, intermittent
2. Identify the activity(ies) that results in the release from If malfunction, describe the malfunction and explain v continuous and stable in quantity and rate.*	n this source (e.g., batch process, filling of a storage tank). The the release from the malfunction should be considered
Wastewater treatment plant op	eration
3. Identify below how you established the pattern of re-	
Past release data Knowledge of operations and	the facility/vessel's Engineering estimate d release history
AP-42 Procedures Best professio	nal judgment Other (explain)
Representative source stack	testing.

* Note that unanticipated events, such as spills, pipe ruptures, equipment failures, emergency shutdowns, or accidents, do not qualify for reduced reporting under CERCLA section 103(f)(2). Unanticipated events are not incidental to normal operations and, by definition, are not continuous or anticipated and are not sufficiently predictable or regular

to be considered stable in quantity and rate.

SECTION II: SOURCE	CD FDNC N TAALAG		
INFORMATION	CR-ERNS Number 728498		
(continued)			
Name of Source: P36 Fugitive			
Part B: Specific Information on the Source			
For the source identified above, provide the follo	wing information. Please provide a SEPARATE		
sheet for EACH source. Photocopy this page if	•		
AFFECTED MEDIUM. Identify the environmental medical affected by the release from this source. If your source releases wastepile releasing to air and ground water), treat the release Section II, Parts A, B, and C, of this format for EACH medical source.	ases hazardous substances to more than one medium (e.g., a e to EACH medium as a separate source and complete		
AIR X (stack or a ground-based area source.	urn affected is air, please also specify whether the		
If identified source is a stack, indicate stack heigh	nt: feet or meters; OR		
If identified source is an area source (e.g., waste	pile, landfill, valves, tank vents, pump seals, fugitive		
emissions), indicate surface area: (square t	feet or square meters. 310,000		
SURFACE WATER, lake	or other		
	,		
If the release affects any surface water body, given	ve the name of the water body.		
If the release of fraction of the state of t			
stream order: or average flow rate:	der or average flow rate, in cubic feet per second. cubic feet/second; OR		
	of the lake in acres and the average depth in meters.		
surface area of lake: acres and average depth of lake: meters.			
SOIL OR GROUND WATER If the release is on or under ground, indicate the distance	to the closest unter unit		
in the release is on or littler ground, indicate the distance	to the closest water well.		
Optional In	nformation		
	elease. If this information is not provided, EPA will		
are suggested units. You may use other units; howe	riate values. Please note that the units specified below ever, be certain that the units are clearly identified.		
 For a stack release to air, provide the following 	For a release to surface water, provide the		
information, if available: Inside diameter feet or meters	following information, if available: Average Velocity feet/second		
Gas Exit Velocity feet/second or	of Surface Water		
meters/second			
Gas Temperaturedegrees Palmenheit, Kelvin, or Celsius			

SECTION II: SOURCE INFORMATION (continued)

Part C. Identify and Quantity of Each Hazardous Substance or Mixture Released From Each Source

Please provide a SEPARATE sheet for EACH source. Photocopy this page if necessary.

Name of Source: P36 Fugitive

List each hazardous substance released from the source identified above and provide the following information. (For an example, see Table 1 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

> Normal Range Number Total Quantity (in lbs. or kg per day)* of Releases Released in Previous Year Months of CASRN# Upper Bound Lower Bound (in lbs. or kg) (per year) the Release

Chloroform

Name of Hazardous Substance

67-66-3 26,3(lbs) O(lbs)

365

9600 (lbs)

January thru December

List each mixture released from the source identified above and provide the following information. (For an example, see Table 2 of Reporting Requirements for Continuous Releases of Hazardons Substances - A Guide for Facilities and Vessels on Compliance.)

Normal Range of Normal Ranke of Total Quantity of Name of Mixture Components Number Mixture Released Months Hazardous . (in lbs. or kg per day) (in lbs. or kg per day)* of Releases In Previous Year Substance Weight Upper Lower of the Upper Lower CASRN# Name of Mixture Components Percentage Bound Bound Bound (per year) (in lbs. or kg) Release

^{*} Please be sure to include units where appropriate. Also, if the release is a radionuclide, units of curies (CI) are appropriate.

SECTION II: SOURCE INFORMATION	CR-ERNS Number 728498
	ontinuous and Stable in Quantity and Rate
for EACH source of a release of a hazardous su essel, provide the following information on a SE ecessary.	bstance or mixture from your facility or EPARATE sheet. Photocopy this page if
Name of Source: COI Outfall	
1. Indicate whether the release from this source is either	
continuous without interruptionO	R routine, anticipated, intermittent
If malfunction, describe the malfunction and explain continuous and stable in quantity and rate.*	m this source (e.g., batch process, filling of a storage tank), why the release from the malfunction should be considered
Wastewater effluent discharge.	
•	
• .	
3. Identify below how you established the pattern of n	elease and calculated release estimates,
X Past release data Knowledge of Wastewater analysis operations at	f the facility/vessel's Engineering estimate and release history
AP-42 Procedures Best profession	on all judgment Other (explain)

^{*} Note that unanticipated events, such as spills, pipe ruptures, equipment failures, emergency shutdowns, or accidents, do not qualify for reduced reporting under CERCIA section 103(f)(2). Unanticipated events are not incidental to normal operations and, by definition, are not continuous or anticipated and are not sufficiently predictable or regular to be considered stable in quantity and rate.

SECTION II: SOURCE INFORMATION	CR-ERNS Number 728498			
(continued)				
Name of Source: 001 Outfall				
Part B: Specific Information on the Source For the source identified above, provide the following information. Please provide a SEPARATE sheet for EACH source. Photocopy this page if necessary.				
AFFECTED MEDIUM. Identify the environmental medium (i.e., air, surface water, soil, or ground water) that is affected by the release from this source. If your source releases hazardous substances to more than one medium (e.g., a wastepile releasing to air and ground water), treat the release to EACH medium as a separate source and complete Section II, Parts A, B, and C, of this format for EACH medium affected.				
AIR (stack or area) If the medium affected is air, please also specify whether the source is a stack or a ground-based area source.				
 If identified source is a stack, indicate stack height If identified source is an area source (e.g., waste emissions), indicate surface area: square in 	pile, landfill, valves, tank vents, pump seals, fugitive			
SURFACE WATER X (stream X, lake	, or other)			
 If the release affects any surface water body, give the name of the water body.				
SOIL OR GROUND WATER If the release is on or under ground, indicate the distance to the closest water well.				
Optional I	nformation			
The following information is not required in the final rule; however, such information will assist EPA in evaluating the risks associated with the continuous release. If this information is not provided, EPA will make conservative assumptions about the appropriate values. Please note that the units specified below are suggested units. You may use other units; however, be certain that the units are clearly identified.				
For a stack release to air, provide the following information, if available: Inside diameter feet or meters Gas Exit Velocity feet/second or meters/second	For a release to surface water, provide the following information, if available: Average Velocity feet/second of Surface Water			
Gas Temperature degrees Palmenheit, Kelvin, or Celsius				

SECTION II: SOURCE

SECTION II:	SOURCE	INFO	RMATIO	N
	(continue	đ)		

CR-ERNS Number 728498

Part C. Identity and Quantity of Each Hazardous Substance or Mixture Released From Each Source

Please provide a SEPARATE sheet for EACH source. Photocopy this page if necessary.

Name of Source: 001 Outfall

List each hazardous substance released from the source identified above and provide the following information. (For an example, see Table 1 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

(in lbs. or kg per day) Name of Hazardous Substance CASRN# Upper Bound Lower Bound

Number Total Quantity of Releases Released in Previous Year (per year) (in lbs. or kg)

Months of the Release

Chloroform

67-66-3 0.3(1bs) 0(1bs)

Normal Range .

365

120 (lbs)

January through December

List each mixture released from the source identified above and provide the following information. (For an example, see Table 2 of Reporting Requirements for Continuous Releases of Hazardons Substances - A Guide for Facilities and Vessels on Compliance.)

Name of Hazardous . Substance Name of Mixture Components

Weight CASRN Percentage

Normal Range of Components (in lbs. or kg per day)* Upper Lower Bound Bound

Normal Range of **Mixture** (in lbs. or kg per day)* Upper Lower Bound Bound

Number of Releases (per year)

Total Quantity of Mixture Released Months In Previous Year of the (in lbs. or kg) Release

^{*} Please be sure to include units where appropriate. Also, if the release is a radionuclide, units of curies (CI) are appropriate.

Name of Source: For	tJames Gr	een Bay W	lest Lanc	1611		
l. Indicate whether the relea		ce is either: OR	routine, s	enticipated, in	termittentX	
2. Identify the activity (ies) to If malfunction, describe to continuous and stable in q	he malfunction a	nd explain wh	his source y the releas	(e.g., batch prese from the ma	ocess, filling of a salfunction should b	storage tank) e considered
Hudge and ash lo	and fill oper	ation.				
	•					
	_					
3. Identify below how you						

^{*} Note that unanticipated events, such as spills, pipe ruptures, equipment failures, emergency shutdowns, or accidents, do not qualify for reduced reporting under CERCLA section 103(f)(2). Unanticipated events are not incidental to normal operations and, by definition, are not continuous or anticipated and are not sufficiently predictable or regular to be considered stable in quantity and rate.

SECTION II: SOURCE INFORMATION	CR-ERNS Number 728498			
(continued)				
Name of Source: Fort James Green Bay West Land RII				
Part B: Specific Information on the Source				
For the source identified above, provide the followsheet for EACH source. Photocopy this page if	necessary.			
AFFECTED MEDIUM. Identify the environmental medium (i.e., air, surface water, soil, or ground water) that is affected by the release from this source. If your source releases hazardous substances to more than one medium (e.g., a wastepile releasing to air and ground water), treat the release to EACH medium as a separate source and complete Section II, Parts A, B, and C, of this format for EACH medium affected.				
AIR (stack or area) If the medium affected is air, please also specify whether the source is a stack or a ground-based area source.				
If identified source is a stack, indicate stack heigh	t: feet or meters; OR			
	pile, landfill, valves, tank vents, pump seals, fugitive			
emissions), indicate surface area: square for				
SURFACE WATER, lake	, or other)			
If the release affects any surface water body, give	e the name of the water body.			
If the release affects a stream, give the stream or	der or average flow rate, in cubic feet per second.			
stream order: or average flow rate:				
If the release affects a lake, give the surface area	of the lake in acres and the average depth in meters.			
surface area of lake: acres and average de	pth of lake: meters.			
SOIL OR GROUND WATER X	17.00			
If the release is on or under ground, indicate the distance	to the closest water well. 1200 feet.			
O-dis-alt-	Commedian			
Optional In	Tormation			
The following information is not required in the final				
evaluating the risks associated with the continuous release. If this information is not provided, EPA will make conservative assumptions about the appropriate values. Please note that the units specified below				
are suggested units. You may use other units; however, be certain that the units are clearly identified.				
	F			
 For a stack release to air, provide the following information, if available: 	 For a release to surface water, provide the following information, if available: 			
Inside diameter feet or meters	Average Velocity feet/second			
Gas Exit Velocity feet/second or	of Surface Water			
meters/second				
Gas Temperaturedegrees Falmenheit, Kelvin, or Celsius				

SECTION II:	SOURCE INFORMATION	į
	(continued)	

CR-ERNS Number 728498

Part C. Identity and Quantity of Each Hazardous Substance or Mixture Released From Each Source

Please provide a SEPARATE sheet for EACH source. Photocopy this page if necessary.

Name of Source: Fort James Green Bay West Landfill

List each hazardous substance released from the source identified above and provide the following information. (For an example, see Table 1 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

Normal Range Number Total Quantity

(in lbs. or kg per day)* of Releases Released in Previous Year Months of Upper Bound Lower Bound (per year) (in lbs. or kg)* the Release

Nature of Hazardous Substance CASRN# Upper Bound Lower Bound (per year) (in lbs. or ke) the Release
Chloroform 67-66-3 1.5 (lbs) 0(lbs) 313 470(lbs.) January through December

List each mixture released from the source identified above and provide the following information. (For an example, see Table 2 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

Normal Range of Normal Range of Total Quantity of Name of Components Mixture Number Mixture Released Months Hazardous . (in lbs. or kg per day)* (in lbs. or kg per day)* of Releases In Previous Year of the Upper Lower Substance Weight Upper Lower Name of Mixture **CASRN#** Components Percentage Bound Bound Bound (per year) (in lbs. or kg) Release

^{*} Please be sure to include units where appropriate. Also, if the release is a radionuclide, units of curies (CI) are appropriate.

SECTION II: SOURCE INFORMATION	N	CR-	ERNS Number 72	18499
art A: Basis for Asserting the I or EACH source of a release of a hassel, provide the following informaticessary.	hazardous sub	stance or mixture	from your facility or	
Name of Source: S10 Stac	K - Boiler	- Stack for Boil	lers 3 through 8	
Indicate whether the release from this continuous without interruption		t routine, anticipated	1, intermittent	
 Identify the activity(ies) that results in If malfunction, describe the malfuncti continuous and stable in quantity and 	ion and explain w	this source (e.g., batching the release from the	h process, filling of a store malfunction should be co	age tank). onsidered
Combustion of fossil	fuel.			
Identify below how you established Past release data	_ Knowledge of t	ease and calculated rel the facility/vesset's I release history	lease estimates, Engineering e	stimate
X AP-42 Procedures	_ Best profession	aal judgment	Other (expla	ain)

^{*} Note that unanticipated events, such as spills, pipe ruptures, equipment failures, emergency shutdowns, or accidents, do not qualify for reduced reporting under CERCLA section 103(f)(2). Unanticipated events are not incidental to normal operations and, by definition, are not continuous or anticipated and are not sufficiently predictable or regular to be considered stable in quantity and rate.

SECTION II: SOURCE	CR-ERNS Number 128498	
INFORMATION (continued)		
Name of Source: 510 Stack - Boile	r Stack for Boilers 3 through 8	
Part B: Specific Information on the Source		
For the source identified above, provide the followsheet for EACH source. Photocopy this page if	wing information. Please provide a SEPARATE	
AFFECTED MEDIUM. Identify the environmental medic	um (i.e., air, surface water, soil, or ground water) that is ases hazardous substances to more than one medium (e.g., a se to EACH medium as a separate source and complete	
AIR X (stack X or area) If the medisource is a stack or a ground-based area source.	ium affected is air, please also specify whether the	
If identified source is a stack, indicate stack height		
If identified source is an area source (e.g., waste emissions), indicate surface area: square if	pile, landfill, valves, tank vents, pump seals, fugitive	
emissions), modere surface area:square i	oct of square meters.	
SURFACE WATER, lake	, or other)	
If the release affects any surface water body, gi	ve the name of the water body.	
If the release affects a stream, give the stream or	rder or average flow rate, in cubic feet per second.	
stream order: or average flow rate:		
surface area of lake: acres and average d	of the lake in acres and the average depth in meters.	
Surface area of lake acres and average u	epul of take meters.	
SOIL OR GROUND WATER		
If the release is on or under ground, indicate the distance	to the closest water well.	
Optional Ir	formation	
The following information is not required in the final rule; however, such information will assist EPA in evaluating the risks associated with the continuous release. If this information is not provided, EPA will make conservative assumptions about the appropriate values. Please note that the units specified below are suggested units. You may use other units; however, be certain that the units are clearly identified.		
For a stack release to air, provide the following information, if available: Inside diameter 2.5 feet or meters Gas Exit Velocity feet/second or meters/second Gas Temperature 330 degrees Patnembers, Kelvin, or Celsius	For a release to surface water, provide the following information, if available: Average Velocity feet/second of Surface Water	

SECTION II: SOURCE INFORMATION (continued)

CR-ERNS Number 73 8498

Part C. Identity and Quantity of Each Hazardous Substance or Mixture Released From Each Source

Please provide a SEPARATE sheet for EACH source. Photocopy this page if necessary.

Name of Source: SID Stack - Boiler Stack for Boilers 3 through 8

List each hazardous substance released from the source identified above and provide the following information. (For an example, see Table 1 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

Normal Range . Number Total Quantity of Releases Released in Previous Year (in lbs. or kg per day)* Months of Name of Hazardous Substance the Release CASRN# Upper Bound Lower Bound (per year) (in lbs. or kg)* Sulfuric Acid 7664-93-9 1,283 (ibs) O(lbs) 365 468,378 (lbs) January through December Hydrogen Fluoride 7664-39-3 153 (lbs) O(lbs) 365 55, 905 (lbs) January through December Bipheny 1 92-52-4 0.002 (lbs) O(lbs) 365 0.6 (lbs) January through December Bipheny 1 92-52-4 0.002 (lbs) 0(lbs) 365 Chloroform 67-66-3 0.05 (lbs) 0(lbs) 365 19.4 (16s) January through December

List each mixture released from the source identified above and provide the following information. (For an example, see Table 2 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

Normal Range of Normal Range of Total Quantity of Name of Components Mixture Number Mixture Released Hazardous . Months (in lbs. or kg per day)* (in lbs. or kg per day)* of Releases Substance Weight In Previous Year of the Upper Lower Upper Lower Name of Mixture _CASRN# Components Bound (per year) (in lbs. or kg) Release

^{*} Please be sure to include units where appropriate. Also, if the release is a radiomaclide, units of curies (CI) are oppropriate.

SECTION II: SOURCE INFORMATION

CR-ERNS Number 728498

Part A: Basis for Asserting the Release is Continuous and Stable in Quantity and Rate

For EACH source of a release of a hazardous substance or mixture from your facility or vessel, provide the following information on a SEPARATE sheet. Photocopy this page if necessary.

Name of Source: SII St.	ack - Boiler Stack for Boiler 9
Indicate whether the release from the continuous without interruption	
2. Identify the activity(ies) that result If malfunction, describe the malfunction and stable in quantity at Combustion of fossi	
Compastion of Toss)	ruei,
3. Identify below how you establish	ed the pattern of release and calculated release estimates,
Past release data	Knowledge of the facility/vessel's Engineering estimate operations and release history
X AP-42 Procedures	Best professional judgment Other (explain)

^{*} Note that unanticipated events, such as spills, pipe ruptures, equipment failures, emergency shutdowns, or accidents, do not qualify for reduced reporting under CERCLA section 103(f)(2). Unanticipated events are not incidental to normal operations and, by definition, are not continuous or anticipated and are not sufficiently predictable or regular to be considered stable in quantity and rate.

SECTION II: SOURCE	Ch Physics . MAALAA	
INFORMATION	CR-ERNS Number 728498	
(continued)		
Name of Source: Sil Stack - Boiler	Stack for Boiler 9	
Part B: Specific Information on the Source		
For the source identified above, provide the followheet for EACH source. Photocopy this page if	wing information. Please provide a SEPARATE	
AFFECTED MEDIUM. Identify the environmental mediu affected by the release from this source. If your source releases wastepile releasing to air and ground water), treat the release Section II, Parts A, B, and C, of this format for EACH medium.	um (i.e., air, surface water, soil, or ground water) that is uses hazardous substances to more than one medium (e.g., a e to EACH medium as a separate source and complete	
AIR X (stack X or area) If the medisource is a stack or a ground-based area source.	urn affected is air, please also specify whether the	
• If identified source is a stack, indicate stack height: 100 (feet)or meters; OR		
	pile, landfill, valves, tank vents, pump seals, fugitive	
emissions), indicate surface area:square	eet of square nieters.	
SURFACE WATER, lake	, or other)	
If the release affects any surface water body, give the name of the water body.		
If the release affects a stream, give the stream or stream order: or average flow rate:	der or average flow rate, in cubic feet per second.	
	of the lake in acres and the average depth in meters.	
surface area of lake: acres and average d	epth of lake: meters.	
P COUL OR CROUDE WATER		
SOIL OR GROUND WATER If the release is on or under ground, indicate the distance	to the closest water well.	
Optional In	formation	
The following information is not required in the final rule; however, such information will assist EPA in evaluating the risks associated with the continuous release. If this information is not provided, EPA will make conservative assumptions about the appropriate values. Please note that the units specified below are suggested units. You may use other units; however, be certain that the units are clearly identified.		
For a stack release to air, provide the following information, if available: Inside diameter (o1) feet or meters Gas Exit Velocity feet/second or meters/second Gas Temperature 310 degrees Palmenheit, Kelvin or Celsius	For a release to surface water, provide the following information, if available: Average Velocity feet/second of Surface Water	

SECTION II: SOURCE INFORMATION (continued)

CR-ERNS Number 728498

Part C. Identity and Quantity of Each Hazardous Substance or Mixture Released From Each Source

Please provide a SEPARATE sheet for EACH source. Photocopy this page if necessary.

Name of Source: SII Stack - Boiler Stack for Boiler 9

List each hazardous substance released from the source identified above and provide the following information. (For an example, see Table 1 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

Normal Range (in lbs. or kg per day) of Releases Released in Previous Year Months of (per year) (in lbs. or kg) the Release Sulfuric Acid 1664-93-9 55.0(lbs) O(lbs) 365 17,386 (lbs) January through December 14 drogen Fluoride 7664-39-3 47.3 (lbs) O(lbs) 365 15,050(lbs) January through December 15000(lbs) January Through January Through December 15000(lbs) January Through December 15000(lbs) January Through January Through

Upper bound revised based on 2003 Air Emission Inventory Calculation and AP-42.

List each mixture released from the source identified above and provide the following information. (For an example, see Table 2 of Reporting Requirements for Continuous Releases of Hazardous Substances - A Guide for Facilities and Vessels on Compliance.)

Normal Range of Normal Range of **Total Quantity of** Mixtura Name of Components Number Mixture Released Months (in lbs. or kg per day)* (in lbs. or kg per day)* Hazardous . of Releases In Previous Year of the Upper Lower Weight Upper Lower Substance (in lbs. or kg) Name of Mixture CASRN# Percentage (per year) Release Bound Bound Components Bound

^{*} Please be sure to include units where appropriate. Also, if the release is a radionuclide, units of curies (CI) are appropriate.

CR-ERNS Number 728498

Calculation of the SSI Trigger

For EACH hazardous substance or hazardous substance component of a mixture indicated in Section II, Part C, list the names of the releasing sources and their upper bounds. Please use a SEPARATE sheet for EACH hazardous substance. Photocopy this page if necessary.

Name of Hazardous Substance: Chloroform 67-66-3

To calculate the SSI trigger (i.e., the upper bound of the normal range of a release) for the hazardous substance identified above, aggregate the upper bounds of the normal range of the identified hazardous substance across all sources identified in Section II, Part C. If the hazardous substance is also a component of a mixture, be certain to include the upper bound of the component as calculated in Section II, Part C, in your calculation of the SSI trigger.

Name of Source(s)

Upper Bound of the Normal Range of the Release (specify lbs., kg, or Ci)

SIO Stack-Boiler Stack for Boilers 3-8	0.05 lbs.
SOI Stack - #5 Paper Machine	0.8 lbs.
SOD Stack - #6 Paper Machine	2.2 lbs.
SO3 Stack-#7 Paper Machine	1.4 lbs.
SO4 Stack-#8 Paper Machine	1.1 lbs
505 Stack-#9 Paper Machine	2.0 lbs.
Sal Stack-#1 Paper Machine	3.0 lbs.
S31 Stack-Pulp Bleaching Equipment S33 Stack-#10 Paper Machine	60.3 lbs.
533 Stack-#10 taper machine	3.8 lbs.
343 Stock - #3 Paper Machine	0.8 lbs.
syy Stack - #4 Paper Machine	0.8 lbs.
P36 Fugitive - Wastewater Treatment 001 Outfall - Wastewater Effluent	26.3 bs.
Landfill Operations - Sludge + Ash	0.3 (bs.
TOTAL - SSI trigger for this hazardous substance release*:	1.5 lbs.
TO THE CONTROL TO THE HAND HAND GOOD STREET OF THE PARTY	10.10.3.2.10.3.

^{*} This method for calculating the SSI trigger for the hazardous substance assumes that all releases of the same hazardous substance or mixture occur simultaneously. To the extent that a hazardous substance is released from your facility from different sources and at different frequencies, you may adjust the SSI trigger as appropriate, so that it more accurately reflects the frequency and quantity of the release. The SSI trigger in the final analysis must reflect the upper bound of the normal range of the release, taking into consideration all sources of the release at the facility or vessel. The normal range of the release includes all releases previously reported or occurring over a 24-hour period during the previous year.

CR-ERNS Number 728448

Calculation of the SSI Trigger

For EACH hazardous substance or hazardous substance component of a mixture indicated in Section II, Part C, list the names of the releasing sources and their upper bounds. Please use a SEPARATE sheet for EACH hazardous substance. Photocopy this page if necessary.

Name of Hazardous Substance: Bipheny | 92-52-4

To calculate the SSI trigger (i.e., the upper bound of the normal range of a release) for the hazardous substance identified above, aggregate the upper bounds of the normal range of the identified hazardous substance across all sources identified in Section II, Part C. If the hazardous substance is also a component of a mixture, be certain to include the upper bound of the component as calculated in Section II, Part C, in your calculation of the SSI trigger.

Name of Source(s)

Upper Bound of the Normal Range of the Release (specify lbs., kg, or Ci)

SIO Stack-Boiler Stack for.	0.00a lbs
Boilers 3 through 8	
SOI Stack - #5 Paper Machine	15.3 lbs.
SO2 Stack - #6 Paper Machine	9.3 1bs.
SO3 Stack-#7 Paper Machine.	5.5 lbs
SO4 Stack - #8 Paper Machine	4.2 lbs.
SO5 Stack - #9 Paper Machine	8.1 lbs.
Sal Stock-#1 Paper Machine	11.8 lbs.
531 Stack-Pulp Bleaching Equipment 533 Stack - #10 Paper Machine 543 Stack - #3 Paper Machine	41:1 lbs.
933 Stack - #10 Paper Machine	16,9 1bs.
543 Stack - #3 raper Machine	3-3 1 bs.
S44 Stack-#4 Paper Machine	3.0 lbs.

TOTAL - SSI trigger for this hazardous substance release*: 118.502 165

* This method for calculating the SSI trigger for the hazardous substance assumes that all releases of the same hazardous substance or mixture occur simultaneously. To the extent that a hazardous substance is released from your facility from different sources and at different frequencies, you may adjust the SSI trigger as appropriate, so that it more accurately reflects the frequency and quantity of the release. The SSI trigger in the final analysis must reflect the upper bound of the normal range of the release, taking into consideration all sources of the release at the facility or vessel. The normal range of the release includes all releases previously reported or occurring over a 24-hour period during the previous year.

CR-ERNS Number 128498

Calculation of the SSI Trigger

For EACH hazardous substance or hazardous substance component of a mixture indicated in Section II, Part C, list the names of the releasing sources and their upper bounds. Please use a SEPARATE sheet for EACH hazardous substance. Photocopy this page if necessary.

Name of Hazardous Substance: Hydrogen Fluoride 7664-39-3

To calculate the SSI trigger (i.e., the upper bound of the normal range of a release) for the hazardous substance identified above, aggregate the upper bounds of the normal range of the identified hazardous substance across all sources identified in Section II, Part C. If the hazardous substance is also a component of a mixture, be certain to include the upper bound of the component as calculated in Section II, Part C, in your calculation of the SSI trigger.

Name of Source(s)

Upper Bound of the Normal Range of the Release (specify lbs., kg, or Ci)

S10 Stack-Boiler Stack for .. Boilers 3 through 8

153 · Ibs.

SII Stack - Boiler Stack for Boiler #9

47.3 lbs

TOTAL - SSI trigger for this hazardous substance release*: 200.3

^{*} This method for calculating the SSI trigger for the hazardous substance assumes that all releases of the same hazardous substance or mixture occur simultaneously. To the extent that a hazardous substance is released from your facility from different sources and at different frequencies, you may adjust the SSI trigger as appropriate, so that it more accurately reflects the frequency and quantity of the release. The SSI trigger in the final analysis must reflect the upper bound of the normal range of the release, taking into consideration all sources of the release at the facility or vessel. The normal range of the release includes all releases previously reported or occurring over a 24-hour period during the previous year.

CR-ERNS Number 728498

Calculation of the SSI Trigger

For EACH hazardous substance or hazardous substance component of a mixture indicated in Section II, Part C, list the names of the releasing sources and their upper bounds. Please use a SEPARATE sheet for EACH hazardous substance. Photocopy this page if necessary.

Name of Hazardous Substance: Sulfuric Acid 7664-93-9

To calculate the SSI trigger (i.e., the upper bound of the normal range of a release) for the hazardous substance identified above, aggregate the upper bounds of the normal range of the identified hazardous substance across all sources identified in Section II, Part C. If the hazardous substance is also a component of a mixture, be certain to include the upper bound of the component as calculated in Section II, Part C, in your calculation of the SSI trigger,

Name of Source(s)

Upper Bound of the Normal Range of the Release (specify lbs., kg, or Ci)

SIO Stack-Boiler Stock for ... Boilers 3 through 8 SII Stack-Boiler Stack for Boiler #9

1,283 .1bs

55,0 lbs

TOTAL - SSI trigger for this hazardous substance release*: 1,338,0 lbs

^{*} This method for calculating the SSI trigger for the hazardous substance assumes that all releases of the same hazardous substance or mixture occur simultaneously. To the extent that a hazardous substance is released from your facility from different sources and at different frequencies, you may adjust the SSI trigger as appropriate, so that it more accurately reflects the frequency and quantity of the release. The SSI trigger in the final analysis must reflect the upper bound of the normal range of the release, taking into consideration all sources of the release at the facility or vessel. The normal range of the release includes all releases previously reported or occurring over a 24-hour period during the previous year.