State of Wisconsin
Department of Natural Resources

04-05-385386

Substance Release Notification Form
Form 4400-91 (Rev. 1-01, e-form) Page 1 of 2

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

04-05-385386

Date & Mil. Time of Incident:	**Date & Mil. Time Reported**	**Spill File #**
12-~~11~~-01 0930hours 12-10-01	12-11-01 1054hours	ner12112001_01

Person Reporting Jerry Donaldson	**Representing:** Fort James Operating Co	**Phone #** (920)433-6324
Responsible Party/Spiller Georgia Pacific East	**RP Decision based on**	**Phone #** (920)433-6324
Contact Name Jerry Donaldson		**Phone #** (920)433-6324
Address 500 Day St	**City, State, Zip Code** Green Bay, WI 54302	

Substance Involved	**Amount & Units Released**	**Amount Recovered**
Bromochloromethane (Halon 1011)	<1995 pounds	0
Bromotriflouromethane (Halon 1301)	<3492 pounds	
Bromotrifluoromethane (Halon 1301)	232 pounds	

☐ **Solid** ☐ **Semisolid** ☐ **Liquid** ☒ **Gas** **Color:** **Odor:**

Exact Location (Inc. address, facility name, mileage, bldg. #,etc)	**Property owner (if known)**
500 Day St, pulp and paper mill Baghouse & lab. See attached for more details on locations	Georgia Pacific East Mill

City	**County**	Lat/Long
Green Bay	Brown	
DNR Region NER	1/4 1/4 sec NR (E/W)	Weather Cond. clear 25:F

Cause of Incident:
The caller reports that due to a fire (11DEC2001 1730-2030) in one section of the plant, chemicals were released from the bag house fire-suppression unit.

Spilled Substance Impact To:
Check ( ) all that apply:
☒ Air ☐ Potential
☐ Soil ☐ Potential
☐ Groundwater ☐ Potential
☐ Surface Water ☐ Potential
Name:
☐ Storm Sewer ☐ Potential
☐ Sanitary Sewer ☐ Potential
☐ Concrete/Asphalt ☐ Potential
☐ Private Well ☐ Potential
☐ Contained/Recovered
☐ Other:

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

Action Taken by Spiller:
☐ No Action Taken
☐ No Action Needed
☐ Monitor
☐ Cleanup Method:
☐ Waste Destination:
☒ Containment
☐ Contractor Hired
Name:
☐ Other:

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

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

Other agencies notified (check first column if notified) check both columns if on the scene

☒ ☒ Fire Department	☒ ☐ Local DNR	☐ ☐ EPA	Incident Commander, if known:
☒ ☒ Local Law Enforcement	☐ ☐ Div. Emerg. Mgt.	☐ ☐ Nat'l Resp Ctr 800-442-8802	
☐ ☐ LEPC or Local Emer. Mgt.	☐ ☐ Coast Guard	☐ ☐ Chemtrec 800-424-9300	
☐ ☐ Level A/Level B Team	☐ ☐ DHFS 608-258-0099	☐ ☐ Other:	

Prepared by: NRC report number 588350	Phone: 800-424-8802	Date: 12-11-01	Rpt'd to DATCP? ☐ Yes ☒ No
Person Notified: Roxanne Chronert via email	Phone: 920-492-5592	Date: 12-11-01	Time: 1329hours
Investigated by: RN Chronert	Sign	Date 12-27-01	Incident Closed? ☒ Yes ☐ No Date: 1-3-2002
Spill Coordinator Signoff:	Date: 1-3-2002	Transferred to: ERP ☐ DATCP ☐ Date: Case # No	NFA Letter Sent? ☐ Yes ☒ No Spill Packet Sent? ☒ Yes ☐ No To: Jerry Donaldson

☒ Additonal Comments on Reverse

State of Wisconsin Substance Release Report (Con't)
Form 4401-91 Rev 1-01

Date and Military Time of Incident: 12-11-01 0930hours	Responsible Party: Fort James Operating Co.

Additional Comments:
The amount of material reported released is the maximum amount that fire suppression equipment could contain. WI DNR was contacted via phone message. The caller will make a follow-up call with WI DNR. Injuries; one fire fighter sustained a knee injury, and a second had smoke inhalation.

There were 250 employees evacuated. The areas within the facility have been damaged by the fire have been ropped off for safety issues. A qualified contractor has been contacted to inspect the fire suppression system. The release was secured.

12-27-01 Chronert left message for Donaldson. Need NFA Doc. Chronert will send Donaldson NFA Packet.

12-27-01 Donaldson called Chronert. NFA doc already sent to Raj Rao. Will send a copy of doc to Chronert. Chronert will close spill and send Rao a copy of spill form for reference. Chronert appoligized for confusion mostly due to Chronerts slow response and failure to touch base with Rao ASAP.

Case Activity Report: ☐ Yes ☐ No CAR#: (Please attach copy of all CAR and other documentation

Enforcement Action: ☐ Yes ☐ No (Explain Below)

Georgia-Pacific

Georgia-Pacific Corporation
Consumer Products

500 Day Street
P.O. Box 23790
Green Bay, WI 54305-3790
www.gp.com

RECEIVED
NER WASTE/RR

Roxanne Chronert
Wisconsin DNR
1125 N. Military Ave.
P.O. Box 10448
Green Bay, WI 54307-0448

Re: NRC case # 588350

January 23, 2002

Roxanne:

Thank you for your phone call of late December. The following information is submitted in an attempt to reach closure on the release reporting of the fire and explosion suppression chemicals (Halons 1011 and 1301) from the above Mill on December 10, 2001. Please consider the following information to assist you in that closure review process.

- ☐ Details of the release report were given to Officer Vantran by phone at NRC on 12/11/01. NRC case #588350. The release and response was described in the call and the following letters.
- ☐ Attached are copies of the documents sent to WDNR on 12/12/01 and 12/21/01 which describe the releases, correct information about the chemicals and quantities involved.
- ☐ Attached is copy of the letter sent 01/23/02 to USEPA to correct related details.
- ☐ Material Safety Data Sheets are attached for both Halon 1011 and Halon 1301.
- ☐ The vessels which contained the chemicals were engineered to release Halons for the purpose of personnel and property protection and during the fire they did release as designed. The chemical vapors dispersed with the fire and associated smoke from the burning facility. Remaining unused vessels have been removed from the manufacturing area for reclaiming the chemical contents.

In the event you need more information to reach closure, please contact me at (920) 433-6324.

Sincerely,

Jerry E. Donaldson

Jerry E. Donaldson
Environmental Engineer

Georgia-Pacific

Georgia-Pacific Corporation
Consumer Products

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P.O. Box 23790
Green Bay, WI 54305-3790
www.gp.com

Richard Karl
USEPA Region V Chief
Emergency Response Branch
77 W. Jackson Blvd.
Chicago, IL 60604

Re: Case # 588350
To: NRC Officer Vantran

January 23, 2002

Richard Karl:

In regards to the release of materials reported to the NRC as case # shown above, I have the following information to correct the record.

I reported to work on December 11, 2001 and determined that a release of fire and explosion suppression chemicals had occurred during a fire the preceding evening. The maximum potential release information was called in to the NRC at phone 1(800) 424-8802 and to Wisconsin DNR to meet any need for immediate reporting with the intent to verify the regulatory status of the materials afterwards. Subsequent to that phone report it was determined that neither Halon 1011 nor Halon 1301 was reportable under the accidental release reporting provisions of SARA III or CERCLA.

Please correct the record accordingly. I can be reached at (920) 433-6324 in the event you have any further questions.

Sincerely,

Jerry E. Donaldson

Jerry E. Donaldson

Cc: Roxanne Chronert
Wisconsin DNR
1125 N. Military Ave.
P.O. Box 10448
Green Bay, WI 54307-0448

FORT JAMES

WI DNR
RECEIVED
JAN 3
NER WASTE/RR

Mr. Raj Rao
Wisconsin Department of Natural Resources
1125 N. Military Road
P.O. Box 10448
Green Bay, WI 54307

Fort James Corporation *tel 920-433-6200*
500 Day Street
Green Bay, WI 54305-3790

December 21, 2001

Raj:

For the record, I phoned you on Tuesday December 11 to inform you of the inadvertent release of Halon 1011 and of Halon 1301 from a fire which began in the Airlaid production area at approximately 5:30 pm December 10. The origin of the fire is still under investigation. We do know that it spread to the Baghouse area which was protected with a Halon based fire and explosion suppression system. The chemicals released into and around the Baghouse as designed and then to the general workspace before release to the atmosphere. In addition, the fire spread to a nearby Mill production lab protected with a Halon 1301 system. The releases described at the time of the call were based on the maximum system capacities for these chemicals as it was assumed that the system fully discharged. (Those maximum design values are reported below). Employees evacuated the room and some parts of the Mill until the site was cleared for re-entry. No injuries were reported related to chemical exposure. The fire was extinquished by 8:30 pm and clean up and investigation operations began after.

During the demolition which is underway at this time, it was determined that 1% of the Halon 1011 and 10% of the Halon 1301 had not been released, hence the corrected values are shown in the same table. Again they are shown as less than values since we were aware of a need to recharge the system to bring it up to design values.

CAS #	Name	Chemical	Location	Pounds Reported	Pounds Corrected
74-97-5	Halon 1011	Bromochloromethane	Baghouse	< 2016	< 1995
75-63-8	Halon 1301	Bromotrifluoromethane	Baghouse	< 3884	< 3492
	Halon 1301	Bromotrifluoromethane	Lab	232	

Please call me at 433-6324 if you have any further questions.

Sincerely,

Jerry E. Donaldson

FORT JAMES

Mr. Raj Rao
Wisconsin Department of Natural Resources
1125 N. Military Road
P.O. Box 10448
Green Bay, WI 54307

Fort James Corporation *tel 920-433-6200*
500 Day Street
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	Halon 1301	Bromotrifluoromethane	Lab	232	

Please call me at 433-6324 if you have any further questions.

Sincerely,

Jerry E. Donaldson

FORT JAMES

Mr. Raj Rao
Wisconsin Department of Natural Resources
1125 N. Military Road
P.O. Box 10448
Green Bay, WI 54307

Fort James Corporation *tel 920-433-6200*
500 Day Street
Green Bay, WI 54305-3790

December 12, 2001

Raj:

For the record, I phoned you on Monday December 10 to inform you of an inadvertent release of Halon 1301 from an on site computer room. As we discussed, the mechanics began to work on the fire suppression system for this room at approximately 8am and accidently triggered the release while attempting to deactivate the system. The release was 232 pounds in one cylinder. It released to the atmosphere via the general workspace. The employees evacuated the room and aired it out before re-entry. No injuries were reported related to chemical exposure.

Please call if you have any further questions.

Sincerely,

Jerry E. Donaldson