State of Wisconsin
Department of Natural Resources

04-45-529889

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

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

04-45-529889

Date & Military Time Of Incident: June 7, 2004 15:00	**Date & Military Time Reported:** June 7, 2004 15:30	**Spill File # BRRTS #**
Person Reporting: Scott Heinritz, Staff Envr. Engr.	**Representing:** Appleton Coated LLC	**Phone #** (920)687-3266 **Fax #** (920)**687-3565**
Responsible Party (RP) / Spiller: Flash Trucking Inc.	**RP Decision Based On:** Delivery truck ownership	**Phone #** (920)431-3462 **Fax #** ( )
RP Address: 1425 State St.		**City** Green Bay **State** WI **Zip Code** 54304
RP Contact Name & Title: Linda Malchow, Dispatch Supr.		**Phone #** (Same) **Fax #** ( )
Substance Involved: Hydrated lime	**Amount & Units Released:** 4860 pounds	**Amount & Units Recovered:** approx. 4810pounds (approx 99%)

☒ **Solid** ☐ **Semisolid** ☐ **Liquid** ☐ **Gas** **Color:** White **Odor:** N/A

Exact Location Of Incident: (including street name, bldg. #, mileage, etc.)
540 Prospect St.
Combinded Locks, WI 54113-0129
(chemical unloading pad @ Appleton Coated LLC wastewater treatment facility Reactor Bldg)

Facility Name / Property Owner:
Appleton Coated Inc LLC-Combined Locks Mill
P.O. Box 129
Combined Locks, WI 5413-0129

☐ **City** ☒ **Village** ☐ **Township** Combined Locks	**County** Outagamie	**Latitude/Longitude**
DNR Region: Northeast	**1/4 NW1/4 Sec25 T21N R18** ☒ **E** ☐ **W**	**Weather Conditions:** Warm, 80F, clear.

Cause Of Incident:
Flexible hose failed during unloading delivery of dry hydrated lime, by "Flash Trucking Inc, Green Bay". Lime supplier/vendor is "Western Lime Inc", Green Bay.

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

Name: Lower Fox River
☐ Other:

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

Action Taken By Spiller:
- ☒ Cleanup Method:
  - ☐ Absorbent
  - ☐ Excavation
  - ☐
- ☒ Containment
- ☒ Contractor Hired

Name: "H2O Under Pressure"
- ☐ Monitor
- ☐ No Action Needed
- ☐ No Action Taken
- ☒ Waste Destination: Outagamie Co Landfill
- ☒ Other: Vacuum colletion

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 Kind?**

Other Agencies Notified: (check first column, if notified; check both columns, if on the scene)

☐ ☐ Fire Department	☒ ☒ Local DNR	☐ ☐ EPA
☐ ☐ 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:

Incident Commander: N/A
Phone # ( )

Prepared By: Mark K. Corbett, P.E. DNR Engineer Oshkosh Service Center	**Phone #** (920)424-4403	**Date:** June 7, 2004	**Rpt'd To DATCP?** ☐Yes ☐No **Date:** **Transferred to DATCP** ☐Yes ☐No **Date:**
Person Notified: Mark K. Corbett, P.E. DNR Engineer Oshkosh Service Center	**Phone #** (920)424-4403	**Date:** June 7, 2004 **Time:** 15:30	**Spill Packet Sent?** ☐Yes ☒No **Date:** **To:**
Investigated By: Mark K. Corbett, P.E. DNR Engineer Oshkosh Service Center	**Sign:**	**Date:** June 8, 2004	**Transferred to ERP** ☐Yes ☒No **Date:** **Case #**

Spill Coordinator Signoff:	Date: 6-7-04	NFA Letter Sent? ☐ Yes ☒ No Date: Incident Closed? ☒ Yes ☐ No Date:
		☒ See Additional Comments On Reverse (Please, print page 2 of 2)

6-7-04

State of Wisconsin Substance Release Report (Cont'd)
Form 4401-91 Rev 12-01

Date and Military Time Of Incident: June 7, 2004 - 15:00	**Responsible Party:** Flashing Trucking Inc, Green Bay, WI.
Additional Comments : Refer to detailed "Lime Release Summary" of June 6, 2004, prepared by Appleton Coated Staff Environmental Engineer, Scott Heinritz.	
Case Activity Report: ☐ Yes ☐ No CAR#:	(Please, attach copy of all CAR and other documentation)
Enforcement Action: ☐ Yes ☒ No (Explain Below)	

Chronert, Roxanne N.

From: Corbett, Mark K.
Sent: Wednesday, June 09, 2004 1:12 PM
To: Chronert, Roxanne N.; Romberg, Wade A.
Cc: Egstad, Amie J; Helf, Daniel R.; Boronow, George F
Subject: Flash Trucking lime spill - Appleton Coated LLC, Combined Locks

You likely have a copy of Scott Heinritz' summary of the lime release. If not, let me know. It nicely supplements the attached report.

thanks, Mark.

AppletonCoated.0604.doc

Chronert, Roxanne N.

From: Corbett, Mark K.
Sent: Tuesday, June 08, 2004 4:12 PM
To: Romberg, Wade A.; Chronert, Roxanne N.
Cc: Egstad, Amie J; Helf, Daniel R.; Vogen, Linda K; Boronow, George F; Matty, Randall S.
Subject: FW: Locks Mill -- Round 2

Lime at Truck.jpg

Lime at Pipe.jpg

Lime at Truck2.jpg

Lime Broken Transfer Pipe.jpg

Lime Suction Truck.jpg

Lime Suction Truck2.jpg

Lime Cleaning2.jpg

Lime Cleaning3.jpg

Lime Cleaning4.jpg

Lime Cleaning7.jpg

Lime Cleaning8.jpg

LimeClean.jpg

Lime Clean2.jpg

FYI. Here's a good visual display of the scope of the spilled "hydrated lime" mess, but also of the exceptional cleanup process. I've completed the spill form, and will route to Roxanne. Randy and I also had a "closure" conference call with Scott Heinritz-Appleton Coated, and neither of us have remaining concerns with environmental impact, in either the water or air. It's not necessary for Wade to make a site visit. I'll be on location myself soon to check.

Photos can be followed in sequence.

thanks, Corbett.

-----Original Message-----
From: Heinritz, Scott [mailto:SHeinritz@appletoncoated.com]
Sent: Tuesday, June 08, 2004 2:40 PM
To: Matty, Randall S.; Corbett, Mark K.
Subject: Locks Mill -- Round 2

<<Lime at Truck.jpg>> <<Lime at Pipe.jpg>> <<Lime at Truck2.jpg>> <<Lime Broken Transfer Pipe.jpg>> <<Lime Suction Truck.jpg>> <<Lime Suction Truck2.jpg>> <<Lime Cleaning2.jpg>> <<Lime Cleaning3.jpg>> <<Lime Cleaning4.jpg>> <<Lime Cleaning7.jpg>> <<Lime Cleaning8.jpg>> <<LimeClean.jpg>> <<Lime Clean2.jpg>>

Scott Heinritz
Appleton Coated LLC
540 Prospect Street
P.O. Box 129
Combined Locks, WI 54113-0129
(920) 687-3266

MEMORANDUM

TO: WDNR - RANDY MATTY, MARK CORBETT

FROM: SCOTT HEINRITZ

SUBJECT: APPLETON COATED LIME RELEASE (06/07/04)

DATE: 06/08/04

CC: AC - DAVE WARDECKE, MIKE RASK, JIM HEIM, MIKE AUSTIN

SUMMARY

APPLETON COATED LIME RELEASE

JUNE 7, 2004

At approximately 3PM on June 7, 2004 a semi-truck owned by Flash Trucking (Berlin, Wisconsin) was unloading a shipment of hydrated lime from Western Lime (Green Bay, WI) at the Locks Mill's WTP when the transfer line from the truck ruptured. The driver of the truck reacted quickly and shut off the transfer pump as soon as possible. The rupture resulted in 4860 pounds (based on the weight of material collected after clean up) of lime being released onto the unload pad area at the WTP and an undetermined amount discharged to the atmosphere.

The Locks Mill's WTP operator and I arrived at the scene within two minutes of the incident. When we arrived, the release had stopped. Our first response was to assess the well being of the driver. He was shaken, covered with lime, but alert and talkative. We took him to the WTP lab where his eyes and any areas of exposed skin were thoroughly washed.

At this time, the Area Supervisor was notified of the release. He in turn notified the Locks Mill ERT. The Supervisor and ERT arrived at the scene within 5 minutes after being notified. The driver's clothes were cleaned with low-pressure compressed air. The driver placed a telephone call to his company to request help cleaning the release. The Area Supervisor transported him to the Locks Mill's Nurse. He was then transported to Appleton Medical Center for observations and was released from the hospital at approximately 6PM and he returned to the Locks Mill.

The ERT secured the area so traffic and unauthorized personnel could not enter the scene. I determined the area of the release to pose no immediate threat to the environment of the safety of workers in the area. In a discussion with the Area Supervisor, we elected to use a suction truck for clean up because we felt this option would minimize disturbing the material. The Area Supervisor contacted H20 Under Pressure and requested that they bring their suction truck to clean up the spill. Anyone working in the area was asked to wear a dust mask for precautionary measures. The Locks Mill's Utilities Superintendent, two Production Managers arrived at the scene.

At this point, the WDNR was notified of the release. The incident was described to Mr. Randy Matty and our clean-up option discussed. A voice message was left for Mr. Mark Corbett.

Four employees from H20 Under Pressure arrived at approximately 4PM. The suction truck used to clean the area was equipped with a cyclone and bag filters. Clean up was very efficient and thorough. The cleaning activities did not result in any disturbance or release of the material to the atmosphere or environment. I was very impressed with the staff of H20 Under Pressure and the effectiveness of the suction truck. Clean-up activities lasted until about 7PM. At this time, the Locks Mill's ERT washed the remaining lime dust into the drain of the loading pad. The loading pad has a drain that discharges into the Locks Mill's WTP. The area was washed with copious amounts of water and there was no noticeable increase in pH at the WTP. One storm water drain, discharging to the Fox River, was located approximately 25 yards from the immediate area of the release. The Locks Mill ERT covered this drain with a "Drainblocker" seal (a commercially available, soft rubber mat) to prevent any discharge from entering the drain during wash-up activities. During the wash-up activities, we tried to squeegee and broom any water that flowed to this area back to the loading pad. Albeit, when the wash-up efforts were completed there approximately 25 gallons of water that we were unable to move to the loading pad. This water contained a small amount of lime. When the "Drainblocker" was removed, it was washed in the storm drain with large amounts of water. All clean-up activities were completed at approximately 7:30PM.

In summary, while this was a very unfortunate incident, there appeared to be minimal impact to the environment and the driver of the truck was not seriously hurt. The root cause of the release was a ruptured transfer line on the Flash Trucking trailer. There were no plugs in the transfer line or our system that could have caused a backpressure on the hose. When I inspected the hose, it appeared structurally sound except for the point of rupture. It appears as if the hose material simply failed. The age of the hose used by Flash Trucking was unknown. When the clean up was completed, the lime remaining on the trailer was successfully transferred into our system using a new hose.

I have attached a PowerPoint presentation of the release site and our clean-up efforts to this memorandum. I hope that this summary is helpful for you. In my judgement, our reaction, response and clean-up actions were very effective. In addition, the driver's quick response prevented further material from being released. We are all very relieved that he was not seriously injured. The employees of Flash Tucking were very cooperative and helpful. I would especially like to recognize the efforts of the H20 Under Pressure employees and the effectiveness of their equipment. Additionally, the Locks Locks Mill's employees and ERT worked diligently to prevent any health, safety or environmental damages. The material that was collected in the suction truck was disposed of at the Outagamie County Landfill on June 8, 2004 under the direction of Western Lime because they were unable to recycle the material.

I appreciate your understanding of this matter. Please let me know if there is any additional documentation or follow up activity that you may need. I can be reached at (920) 697-3266

Respectfully,

Scott Heinritz, Staff Environmental Engineer