Spill Summary Report for NRC Report #1268405

Report Date: 2/24/2020 **Report Time:** 7:55 PM EST

Region IV Hotline Log Entry Information

Data ID: 2613268
Date Of Report: 2020-01-10T22:32:00-05:00 **NRC #:** 1268405 **State #:** **ERNS #:**
Material Type: Haz **Receiver:**
Material / Amount: AMMONIA, ANHYDROUS (0 UNKNOWN AMOUNT);
Location: Street: 3776 TAYLORSVILLE HWY
City: STATESVILLE
County: IREDELL
State: NC
Latitude: 35.81524959844731
Longitude: -80.96339794474595
Source of Pollution: LINEAGE
Water Body:
State Or EPA Responded: EPA OSC Responded
Initial EPA Action: Coordinated with the State
Status: 2 - Closed
URL:

Associated Action Reports

DataID: 1253104

Date: 2020-01-10T05:00:00-05:00	**Time:** 1612	
Duty Officer/Responder Name: Matthew Huyser	**NRC Report #:** 1268405	**Hotline Log DataID:** 2613268
Action Information		
Description: OSC Rhame contacted TEL Huyser to report the event. OSC Rhame had been informed that one patient had been in ambulance and residual ammonia overwhelmed the ambulance and required response for decontamination. Resources from Charlotte Hazmat are responding. There is concern of runoff from a sprinkler suppression system.		
Follup-Up: Other		
Person Contacted		
Name: Ken Rhame **Organization:** EPA **Phone #:**		

DataID: 1253105

Date: 2020-01-10T05:00:00-05:00	**Time:** 1625	
Duty Officer/Responder Name: Matthew Huyser	**NRC Report #:** 1268405	**Hotline Log DataID:** 2613268
Action Information		
Description: TEL Huyser contacted the NC SEOC who provided contact information for the Iredell EMA director and NCDEQ mooresville regional office		
Follup-Up: Contacted State		
Person Contacted		
Name: **Organization:** NC SEOC **Phone #:**		

DataID: 1253106

Date: 2020-01-10T05:00:00-05:00	**Time:** 1628	
Duty Officer/Responder Name: Matthew Huyser	**NRC Report #:** 1268405	**Hotline Log DataID:** 2613268
Action Information		
Description: TEL Huyser contacted NCDEQ division of air quality who reported that they would be visiting the Site on the morning of 1/11/2020 to conduct an investigation		

Follup-Up:	Contacted State
Person Contacted	
Name:	Mike Reid
Organization:	NCDEQ
Phone #:	

DataID: 1253107

Date: 2020-01-10T05:00:00-05:00	**Time:** 1630	
Duty Officer/Responder Name: Matthew Huyser	**NRC Report #:** 1268405	**Hotline Log DataID:** 2613268
Action Information		
Description:	TEL Huyser contacted Iredell County EMA Director who stated that the release was contained within the facility and there is no significant outside air impact. The sprinkler system was activated during the release but the degree to which water was applied is unknown. There are drains within the facility and the FD is in the process of assessing where those lead and stopping runoff from those drains.	
Follup-Up:	Other	
Person Contacted		
Name:	Jodi Smyre	
Organization:	Iredell County EMA	
Phone #:	704-380-5404	

DataID: 1253108

Date: 2020-01-10T05:00:00-05:00	**Time:** 1634	
Duty Officer/Responder Name: Matthew Huyser	**NRC Report #:** 1268405	**Hotline Log DataID:** 2613268
Action Information		
Description:	TEL Huyser contacted NCDEQ mooresville regional office division of water who stated that they had not been made aware that any release had yet reached waterway. There are small headwater streams nearby. NCDEQ had already notified local public water utilities. NCDEQ will mobilize to the site if the release reaches a waterway.	
Follup-Up:	Contacted State	
Person Contacted		
Name:	Andrew Titner	
Organization:	NCDEQ	
Phone #:	704-235-2180	

DataID: 1253109

Date: 2020-01-10T05:00:00-05:00	**Time:** 1635	
Duty Officer/Responder Name: Matthew Huyser	**NRC Report #:** 1268405	**Hotline Log DataID:** 2613268
Action Information		
Description:	OSC Rhame contacted TEL and stated that the FD was planning to open a bay door and suppress vapors with a water curtain. Water runoff will be blocked off and collected in an adjacent pond or detention area. The facility had not yet hired a response contractor and the hazmat chief is in the process of speaking to them about doing so. There will be a conference call with multiple agencies at 1900hrs and OSC Rhame will be present on the call.	
Follup-Up:	Other	
Person Contacted		
Name:	Ken Rhame	
Organization:	EPA	
Phone #:		

DataID: 1253110

Date: 2020-01-10T05:00:00-05:00	**Time:** 1653	
Duty Officer/Responder Name: Matthew Huyser	**NRC Report #:** 1268405	**Hotline Log DataID:** 2613268

Action Information

Description: NCDEQ contacted TEL and stated that the sprinkler did not activate and no water was entering a drain. There are presently no surface waters impacted and NCDEQ does not plan to respond.

Follup-Up: Contacted State

Person Contacted

Name: Andrew Titner
Organization: NCDEQ
Phone #:

DataID: 1253111

Date: 2020-01-10T05:00:00-05:00	**Time:** 1936	
Duty Officer/Responder Name: Matthew Huyser	**NRC Report #:** 1268405	**Hotline Log DataID:** 2613268

Action Information

Description: OSC Rhame contacted TEL and stated that information from the call indicated a significant amount of water was being used in the water curtain, approximately 250 gallons per minute, and at this rate it would fill the adjacent detention area in 8 hours. The hazmat team is utilizing only 2 air monitors at the Site and crews are swapping out overnight due to fatigue. Concentrations in the building remain above IDLH while concentrations outside the building remain below AEGL-1 levels. Due to the likelihood that offsite impacts could result, OSC Rhame was mobilized to the response.

Follup-Up: Other

Person Contacted

Name: Ken Rhame
Organization: EPA
Phone #:

Associated Regional Spot Reports

DataID: 0007275

Date: 2020-01-12T05:00:00-05:00	**Watch Officer:** Matthew Huyser
Event Title: Lineage Logistics Ammonia Release	**Media Interest:** Medium

Report Information

Overview: On 1/10/2020 the Lineage Logistics cold storage facility in Statesville NC experienced an ammonia release resulting in one fatality and three other injuries. Conditions inside the building have been reduced to below 300ppm ammonia in freezer unit 4 and 100 ppm in freezer unit 3; units 1 and 2 are not impacted. There are no detections of ammonia in ambient air and workzones outside the facility.

State, Local and other Federal Agency Actions: County fire department and regional hazmat teams have responded. Response operations included ventilation and controlling vapors with a water curtain; fresh air is being pushed into the building to augment ventilation. Water is being collected in an on-site pond. Environmental contractors are pumping the pond to frac tanks and transporting water to a treatment facility. An outfall from the pond was discovered on 1/11/2020; NCDEQ notified local public water utilities of the release. Contractors for the RP are preparing a workplan for remediation which will include additional ventilation and removal of impacted products.

EPA Actions: EPA NC Outpost OSC Ken Rhame was deployed to the response with EPA START contractors and air monitoring instruments. EPA is running perimeter air monitoring including near a residential neighborhood. Upon discovery of the outfall at the pond, START contractors collected samples downstream; pH at the outfall was measured at 8.5 with a neutral measurement of 7 approximately 300 yards further downstream. EPA notified DOI of the release.

EPA and local hazmat resources until the final workplan has been approved and sufficient resources are in-place to execute the plan.

Notes:

HQ Hotline Log Entry Information

Data ID: 2613267
Date Of Report: 2020-01-10T22:32:00-05:00 **NRC #:** 1268405 **State #:** **ERNS #:**

Material Type:

Receiver:

Material / Amount: AMMONIA, ANHYDROUS (0 UNKNOWN AMOUNT);

Location: Street: 3776 TAYLORSVILLE HWY
City: STATESVILLE
County: IREDELL
State: NC
Latitude:
Longitude:

Source of Pollution: LINEAGE

Water Body:

State Or EPA Responded:

Initial EPA Action:

Status:

URL:

NRC Spill Report

NATIONAL RESPONSE CENTER 1-800-424-8802
GOVERNMENT USE ONLYGOVERNMENT USE ONLY***
Information released to a third party shall comply with any
applicable federal and/or state Freedom of Information and Privacy Laws

Incident Report # 1268405

INCIDENT DESCRIPTION

*Report taken by NRC at 22:32 on 10-JAN-20
Incident Type: FIXED
Incident Cause: UNKNOWN
Affected Area:
Incident occurred on 10-JAN-20 at 14:00 local incident time.
Affected Medium: AIR / ATMOSPHERE - NO OFFSITE IMPACT

REPORTING PARTY

Name: LEE SHANK

Organization: CAROLINA ENVIRONMENTAL
Address:

CHARLOTTE, NC

Email Address: leeshank@cert-usa.com
CAROLINA ENVIRONMENTAL reported for the responsible party.

PRIMARY Phone: (704)7374476
Type of Organization: PRIVATE ENTERPRISE

SUSPECTED RESPONSIBLE PARTY

Name: JEFF VUKOVICH
Organization: LINEAGE

STATESVILLE, NC
PRIMARY Phone: (336)3417348

Type of Organization: PRIVATE ENTERPRISE

INCIDENT LOCATION

3776 TAYLORSVILLE HWY County: IREDELL
City: STATESVILLE State: NC
FOOD PROCESSING WAREHOUSE

RELEASED MATERIAL(S)

CHRIS Code: AMA Official Material Name: AMMONIA, ANHYDROUS
Also Known As:
Qty Released: 0 UNKNOWN AMOUNT

DESCRIPTION OF INCIDENT

CALLER STATED ANHYDROUS AMMONIA RELEASED FROM A COOLING SYSTEM IN A FOOD PROCESSING WAREHOUSE AT THE INCIDENT LOCATION, DUE TO UNKNOWN CAUSES AT THIS TIME. CALLER STATED THERE WAS AN EVACUATION OF 30-35 EMPLOYEES AND CONTRACTORS AND 1 REPORTED FATALITY.

INCIDENT DETAILS

Package: N/A
Building ID:
Type of Fixed Object: WAREHOUSE
Power Generating Facility: UNKNOWN
Generating Capacity:
Type of Fuel:
NPDES:
NPDES Compliance: UNKNOWN

IMPACT

Fire Involved: NO Fire Extinguished: UNKNOWN

INJURIES:	NO	Sent to Hospital:		Empl/Crew:		Passenger:	
FATALITIES:	YES	1 Empl/Crew:	1	Passenger:		Occupant:	
EVACUATIONS:	YES	35 Who Evacuated:	EVERYONE		Radius/Area:		

Damages: NO

Closure Type		Description of Closure	Hours Closed	Direction of Closure
Air:	NO			
Road:	NO			
Waterway:	NO			
Track:	NO			

Major Artery: NO

Passengers Transferred: NO
Environmental Impact: UNKNOWN
Media Interest: UNKNOWN Community Impact due to Material:

REMEDIAL ACTIONS

POLICE, FIRE AND EPA PERSONNEL ARE ONSCENE , VACUUM TANKS WERE ENROUTE AND CLEAN UP IS UNDERWAY
Release Secured: YES
Release Rate:
Estimated Release Duration:

WEATHER

ADDITIONAL AGENCIES NOTIFIED

Federal:
State/Local: EPA
State/Local On Scene: PD/FD
State Agency Number:

NOTIFICATIONS BY NRC

AGCY TOXIC SUBST & DISEASE REGISTRY (HHS)
10-JAN-20 22:43 (770)4883430
CENTERS FOR DISEASE CONTROL (GRASP)
10-JAN-20 22:43 (770)4887100
CHEM SAFETY AND HAZARD INVEST BOARD (AFTER HOURS)
10-JAN-20 23:25 (202)6312440 NO VERBAL
CHEM SAFETY AND HAZARD INVEST BOARD (CSB AUTOMATIC NOTIFICATIONS)
10-JAN-20 22:43 (202)3780334

DEPT OF HEALTH AND HUMAN SERVICES (SECRETARY'S OPERATION CENTER (SOC))
10-JAN-20 22:43

AZ OFFIC OF INTEL AND ANALYSIS (FIELD INTELLIGENCE AND INTEGRATION DIVISION)
10-JAN-20 22:43 (480)3752552

DHS DEFENSE THREAT REDUCTION AGENCY (CHEMICAL AND BIOLOGICAL TECHNOLOGIES DEPARTMENT)
10-JAN-20 22:43 (703)7673477

DHS I&A STATE AND LOCAL PRGM OFFICE (RALEIGH, NC FUSION CENTER)
10-JAN-20 22:43 (202)5575179

DHS SOUTH CAROLINA FUSION CENTER (LE SENSITIVE ADVISORS & LIASON PROGRAM)
10-JAN-20 22:43 (866)4728477

DOT CRISIS MANAGEMENT CENTER (MAIN OFFICE)
10-JAN-20 22:43 (202)3661863

DOT OFFICE OF INSPECTOR GENERAL (OFFICE OF INVESTIGATORS)
10-JAN-20 22:43 (202)3660339

EPA HQ EMERGENCY OPERATIONS CENTER (MAIN OFFICE (AUTO))
10-JAN-20 22:43 (202)5643850

EPA HQ EMERGENCY OPERATIONS CENTER (AFTER HOURS SECONDARY)
10-JAN-20 23:39 (202)5643850 NO ANSWER

U.S. EPA IV (MAIN OFFICE)
10-JAN-20 22:52 (404)6504955 R4 PAGER

U.S. EPA IV (NC/SC INCIDENTS)
10-JAN-20 22:43 (404)6504955

U.S. EPA IV (DUTY OSC)
10-JAN-20 22:43 (404)6504955

IREDELL COUNTY EMERGENCY MANAGEMENT (COMMAND CENTER)
10-JAN-20 22:43 (704)8785097

NC DEPT OF EMERGENCY MGMT (MAIN OFFICE)
10-JAN-20 22:43 (800)8580368

NC DEPT OF ENVIRONMENTAL QUALITY (DIVISION OF AIR QUALITY)
10-JAN-20 22:43 (919)7078443

NC OCCUPATIONAL ENVMTL EPIDEMIOLOGY (COMMAND CENTER)
10-JAN-20 22:43 (919)7075950

NC PUBLIC HEALTH PREPARE AND RESPNS (PHPR COMMAND CENTER)
10-JAN-20 22:43 (919)7150919

NATIONAL HWY TRANS SAFETY ADMIN (MAIN OFFICE)
10-JAN-20 22:43 (202)4412924

NATIONAL INFRASTRUCTURE COORD CTR (MAIN OFFICE)
10-JAN-20 22:43 (202)2829201

NOAA RPTS FOR NC (MAIN OFFICE)
10-JAN-20 22:43 (206)5264911

NTSB PIPELINE (MAIN OFFICE)
10-JAN-20 22:43 (202)3146293

OCCUPATIONAL SAFETY & HEALTH ADMIN (MAIN OFFICE)
10-JAN-20 22:43 (801)9180995

PIPELINE & HAZMAT SAFETY ADMIN (HAZARDOUS MATERIAL ACCIDENT INVESTIGATION)
10-JAN-20 22:43 (202)3664031

DOI FOR REGION 4 (MAIN OFFICE)
10-JAN-20 22:43 (404)3314524

REPORTING PARTY (RP SUBMITTER)
10-JAN-20 22:43

STATE OF NORTH CAROLINA DENR (MAIN OFFICE)
10-JAN-20 22:43 (919)8076300

TSA OFFICE OF SECURITY OPERATIONS (SURFACE COMPLIANCE BRANCH SE REGION)
10-JAN-20 22:43 (904)9804075

USCG DISTRICT 5 (D5 DRAT)

10-JAN-20 22:43 (757)3986231

USCG DISTRICT 5 (INTEL CHIEF)
10-JAN-20 22:43 (757)3986655

ADDITIONAL INFORMATION

*** END INCIDENT REPORT # 1268405 ***
Report any problems by calling 1-800-424-8802

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-
- Notices
- Images
- Documents
-
- Pol/SitReps
- Contacts
- Links
-
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Lineage Logistics Ammonia Release

All POL/SITREP's for this site | Lineage Logistics Ammonia Release | Printer Friendly | PDF

STATESVILLE, NC - EPA Region IV
POLREP #1
Initial

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Lineage Logistics Ammonia Release - Removal Polrep
Initial Removal Polrep

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: **POLREP #1**
Initial
Lineage Logistics Ammonia Release

STATESVILLE, NC
Latitude: 35.8152496 Longitude: -80.9633979

To: James Webster, USEPA R4 ERRPPB

From: Kenneth Rhame, On Scene Coordinator
Date: 1/13/2020
Reporting Period: 1/10/2020 to 1/13/2020

1. Introduction

1.1 Background

Site Number: **Contract Number:**
D.O. Number: **Action Memo Date:**

Response Authority:	CERCLA	**Response Type:**	Emergency
Response Lead:	PRP	**Incident Category:**	Removal Action
NPL Status:	Non NPL	**Operable Unit:**	
Mobilization Date:	1/10/2020	**Start Date:**	1/10/2020
Demob Date:		**Completion Date:**	
CERCLIS ID:		**RCRIS ID:**	
ERNS No.:		**State Notification:**	1/10/2020
FPN#:		**Reimbursable Account #:**	

1.1.1 Incident Category
CERCLA
Emergency Response

1.1.2 Site Description
Commercial release of undetermined amount of ammonia to the atmosphere resulting in a fatality and injuries.
Cold Storage Facility

1.1.2.1 Location
Lineage Logistics
3776 Taylorsville Hwy.
Statesville, NC 28625
Iredell County

1.1.2.2 Description of Threat
Ammonia Vapor Cloud migrating off-site potentially exposing the public.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results
Cold Storage Facility that contains 58,000 lbs of anhydrous ammonia for refrigeration. Lineage Logistics subcontractors were conducting demolition work in Freezer 4, opening two areas in a wall. While opening one area, ice was observed behind the wall. The sub-contractors were clearing away the ice when the smell of ammonia was observed by one sub-contractor worker. He recognized the smell of ammonia and jumped from the scissor lift that was reported to be extended approximately 40 feet to escape, he was later hospitalized for ammonia exposure. During transport of the sub-contractor to the hospital, EMT crew in ambulance was exposed to ammonia. One sub-contractor was overwhelmed by the ammonia and resulted in a fatality. Local and state fire and haz-mat teams responded.
The freezers are equipped with ammonia sensors, the internal sensors in freezer 3 and 4 indicated that they were overwhelmed, "pegged", over the limitation of the sensor. The upper range of the sensor was reported to be 250 parts per million (ppm).

2. Current Activities

2.1 Operations Section

2.1.1 Narrative
Cold Storage Facility that contains 58,000 lbs of anhydrous ammonia for refrigeration. Lineage Logistics subcontractors were conducting demolition work in Freezer 4, opening two areas in a wall. While opening one area, ice was observed behind the wall. The sub-contractors were clearing away the ice when the smell of ammonia was observed by one sub-contractor worker. He recognized the smell of ammonia and jumped from the scissor lift that was reported to be extended approximately 40 feet to escape, he was later hospitalized for ammonia exposure. During transport of the sub-contractor to the hospital, EMT crew in ambulance was exposed to ammonia. One sub-contractor was overwhelmed by the ammonia and resulted in a fatality. Local

and state fire and haz-mat teams responded.
The freezers are equipped with ammonia sensors, the internal sensors in freezer 3 and 4 indicated that they were overwhelmed, "pegged", over the limitation of the sensor. The upper range of the sensor was reported to be 250 parts per million (ppm).
1/10/2020 Fire Departments/Haz-Mat Teams from Mooresville, Statesville, Charlotte, Monticello, Asheville, Greensboro, and Raleigh responded. Teams initiated air monitoring. A fan was installed at one end of the building at a open door to ventilate the building, a door was opened at the other end of the building (exhaust) with a water curtain (fog spray) to knock down the vapor cloud. Charlotte Haz-Mat was conducting air monitoring at the exhaust and in the work area and down wind of the water curtain.
Conditions inside the building had ammonia levels that exceeded immediate danger to life and health (IDLH) conditions (greater than 300 ppm). Charlotte haz-mat air monitoring meters exceeded there detection limits, "pegged". EPA mobilized a OSC and START deployed to assist with air monitoring.
Run-off from the water curtain and precipitation was entering a storm drain that flows to a retention pond on site. Environmental contractors responded with frac-tanks, vacuum trucks and tankers to contain and pump water from the storm water system and retention pond. Collected water run-off was transported to Shamrock Environmental for disposal.

2.1.2 Response Actions to Date
1/11/2020
EPA and START began air monitoring, one air monitoring unit was located at the closest resident downwind, another was located between Lineage Logistics facility and the closest business downwind (Pratt Industries), another was located near the exhaust door, and one was used as roving. For air monitoring Results see attached summary table.

EPA/START collected water samples at the storm drain, retention pond, outfall of retention pond, and approximately 300 yards downstream. pH of the retention pond and the outfall was approximately 8.5.

1/12/2020
Operations continued to focus on ventilating building to decrease ammonia levels inside the building.
For contractors to make entry to remove frozen food products to reduce ammonia levels in freezer 3 and 4, ammonia levels need to stabilize below 250 ppm (it is believed that ammonia was absorbed into the frozen food and will continue to off-gas as temperatures begin to raise).
The refrigerant lines were purged into a over-pack drum full of water on the roof to eliminate the risk of additional rupture.

1/13/2020
EPA/START continued perimeter air monitoring. No off-site detections were observed.
Ventilation operations continue. Concentrations inside the building was observed between approximately 60 ppm and 100 ppm.

Installed four kerosene heaters to attempt to raise temperatures in freezer 3 and 4.

Power was restored to the building lighting and floor heating in an attempt to thaw the ice on freezer 4's floor to promote more off-gassing.

Due to 3 inches of ice present on the floor, it was decided to continue to heat the floor to melt ice, water will be collected at the lift station via vacuum trucks. (It is estimated that it will take 2 days to thaw ice on floor).

Food and Drug Administration arrived on site.

Haz-Mat teams conduct routine entries to monitor indoor air quality and temperatures.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)
Lineage Logistics
3776 Taylorsville Hwy
Statesville, NC

2.1.4 Progress Metrics

Waste Stream	*Medium*	*Quantity*	*Manifest #*	*Treatment*	*Disposal*

2.2 Planning Section

2.2.1 Anticipated Activities
Continue to conduct perimeter monitoring

2.2.1.1 Planned Response Activities
Continue ventilating / heating building and heating floor in freezer 3 and freezer 4.

2.2.1.2 Next Steps
Collect water from melting ice from lift station to prevent contaminated water from entering municipal waste water treatment plant.

2.2.2 Issues

2.3 Logistics Section
No information available at this time.

2.4 Finance Section
No information available at this time.

2.5 Other Command Staff
No information available at this time.

3. Participating Entities
No information available at this time.

4. Personnel On Site
No information available at this time.

5. Definition of Terms
No information available at this time.

6. Additional sources of information

No information available at this time.

7. Situational Reference Materials

No information available at this time.

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- Web sites

- Profile
- Notices
-
- Pol/Sitreps

-
- Images
- Documents

- Contacts
- Links
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- Profile
-
- Notices
- Images
- Documents
-
- Pol/SitReps
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Lineage Logistics Ammonia Release

click for regional website list

STATESVILLE, NC - Region IV

Site Photo
KMLRSSlocationarea mapbookmark

Site Contact:

Kenneth Rhame
On Scene Coordinator

rhame.kenneth@epa.gov

3776 TAYLORSVILLE HWY
STATESVILLE, NC 28625
response.epa.gov/LineageLogistics

Latitude: 35.8152496
Longitude: -80.9633979
NRC#: 1268405

On 1/10/2020 the Lineage Logistics cold storage facility in Statesville NC experienced an ammonia release resulting in one fatality and three other injuries. County fire department and regional hazmat teams have responded. Conditions inside the building remain above IDLH concentrations for ammonia while initial measurements outside the building are reportedly below AEGL-1 and ERPG-1 concentrations. Response operation objectives include ventilating the building and controlling vapors with a water curtain running at approximately 250 gallons per minute. Water is being collected in a storm drain and on-site pond. Environmental contractors are pumping run-off from the storm drain and the pond to on-site frac tanks and also transporting water to a treatment facility. NCDEQ water division was notified. NC Outpost OSC Ken Rhame has been deployed to the response. EPA START contractors have been deployed along with air monitoring instruments.

For additional information, visit the **Pollution/Situation Report** (Pol/Sitreps) section.

Resources

Notices

- None for this site

Images

- None for this site

Documents

- Viper Data...
- List All...

Pol/SitReps

- POLREP - 1
- List All...

Contacts

- On Scene Coordinator
  huyser.matthew@epa.gov
- On Scene Coordinator
  rhame.kenneth@epa.gov
- Branch Chief, ERRPPB
  webster.james@epa.gov
- List All...

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