

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Missouri Floods 2015 - Polrep/Sitrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region VII

Subject: SITREP #2
Sit Rep 2
Missouri Floods 2015

Southeast Missouri, MO

To:
Thru: 1/1/2016
From: Susan Fisher, OSC
Date: 1/1/2016
Reporting Period: 1/1/2016

Executive Summary

On Saturday, December 26, 2015, FEMA Watch Operations sent an advisory for heavy rains and flooding. The Regional Watch Team stated the potential for heavy rains over the next several days across parts of Missouri and southeast Kansas. The December 26 forecast was for 2 to 6 inches of rain falling generally south of a line from Hannibal, Missouri to Kansas City to Chanute, Kansas. Most of this area has received several periods of rain over the past month. It was reported that rainfall of this amount will likely cause flooding of area waterways. The National Weather Service predicted that numerous river gauges will rise above flood stage during the next week. A flash flood watch was posted for this area.

On the morning of Sunday, December 27, 2015 the Regional Watch Center reported that rain has continued to fall in Missouri, and will fall into the evening hours. Flooding has impacted southwest Missouri and areas have begun evacuations.

On Monday, December 28, 2015 the Governor of Missouri issued a State of Emergency in response to the heavy rains and flooding that have occurred over a large part of the state. The State Emergency Operations Center (SEOC) was activated to a level 1 - control center only. Five Red Cross shelters were opened. About 9,800 customers had lost power. Interstates and local roads have been closed in flooded areas.

On Monday, December 28, 2015 EPA began communicating with Missouri Department of Natural Resources (MDNR), US Army Corps of Engineers (USACOE) and US Coast Guard (USCG) regarding flood issues, specifically the risk to the Birds Point Levee in New Madrid, Missouri.

On December 30, 2015 MDNR SEOC activated to a level 3 24 hour/7 day response (24/7). FEMA activated to a level 3 24/7 response as well. FEMA notified EPA that they were issuing a Mission Assignment (MA) to mobilize to FEMA RRCC and perform ESF #10 functions.

1. Introduction

1.1 Background

Site Number:	Contract Number:
D.O. Number:	Action Memo Date:
Response Authority: Stafford Act	Response Type:
Response Lead: FEMA	Incident Category:
NPL Status: Non NPL	Operable Unit:
Mobilization Date: 12/31/2015	Start Date: 12/31/2015
Demob Date:	Completion Date:
CERCLIS ID:	RCRIS ID:
ERNS No.:	State Notification:

1.1.1 Incident Category

Stafford Act response

1.1.2 Site Description

EPA has been given 1 ESF 10 (Hazardous Materials) Mission Assignment from FEMA to respond to the

FEMA RRCC, a EPA OSC has been deployed to the FEMA RRCC to staff the ESF#10 desk as a liaison.

1.1.2.1 Location

FEMA RRCC is located on Ward Parkway is south Kansas City, Missouri

1.1.2.2 Description of Threat

Flooding in southeast Missouri

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results.

Continued coordination with MDNR

1.2 Incident Objectives

Pre-Declaration activation for appropriate EPA (oil and hazardous materials response) personnel to perform the functions of ESF#10 in the FEMA RRCC or other teams and locations at the direction and coordination of FEMA to include but not limited to: Emergency Response Team (ERT/IMAT), Preliminary Damage Assessment (PDA) Team, and Rapid Needs Assessment (RNA) Team.

1.3 Critical Resource Needs

No information available at this time.

1.4 Strategic Considerations

No information available at this time.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

FEMA has issued a mission assignment to EPA to staff the ESF#10 desk at the FEMA RRCC.

2.1.2 Response Actions to Date

As of January 1, 2016

MDNR:

MDNR reported they were monitoring several locations where water was cresting or forecasted to crest in the near future. Three large pumps have been brought in for Valley Park retention pond. The pumps are controlling the water height in the pond. MDNR SEOC are continuing to monitor flooding and haz mat concerns.

On the drinking water/waste water side MDNR is currently working with Jefferson County PWS#2 (High Ridge) on their efforts to get the system back on line. They are currently under a boil order. They have successfully connected with MO American Water yesterday, but that is only serving about 1/3 of the system. MONG is trucking water to the storage tanks and deploying water purification systems, but they are not going to be able to keep up with the demand. MDNR is working on a plan moving forward after a conference call this a.m. between MDNR, SEMA, and the impacted system.

Birds Point Levee

The USCG conducted an over-flight of the New Madrid floodway on Thursday, December 31, 2015.

The USCG, MDNR, USACE, USDA and EPA will try to have a meeting today to discuss the Birds Point levee.

FEMA RRCC

Currently the RRCC is Activated to a Level 3 24/7 response. USACE was activated by FEMA to the RRCC on December 30, 2015. EPA was activated on December 31, 2015 to the FEMA RRCC

Weather Report:

Flood warnings continue in Southeast Missouri.

5 day forecast - no precipitation

Approximately 125 counties have road closures, a few major roads are closed in flooded areas.

14 flood related fatalities.

Meramec River:

Pacific and Eureka should be out of flood stage tomorrow morning..

Valley Park is falling out of flood stage.

Mississippi River:

Chester is currently at 46.1' forecast to crest middle of next week.

Cape Girardeau is at 48.26', if the river reaches 50' it will be only 4' below the levee limit. Cape Girardeau is under voluntary evacuation.

New Madrid is rising, forecast to reach 45', if the river reaches 48' it will exceed the highest recorded level..

Other news:

6 open shelters, 44 people are sheltered.

Missouri is the only state in the region currently activated.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>

2.2 Planning Section

2.2.1 Anticipated Activities

Staff the FEMA RRCC provide assistance as needed to the state.

2.2.1.1 Planned Response Activities

2.2.1.2 Next Steps

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.