

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region VII

Subject: **SITREP #14**
Missouri Floods 2015
Southeast Missouri, MO

To:
Thru: Dave Williams, IC
From: Megan Schuette, PSC
Date: 1/30/2016
Reporting Period: 1/23-29/2016

Executive Summary

See previous SitReps for this information.

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

See previous SitReps for this information.

1.1.2 Site Description

See previous SitReps for this information.

1.1.2.1 Location

See previous SitReps for this information.

1.1.2.2 Description of Threat

Flooding in Missouri.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results.

Continued coordination with MDNR.

1.2 Incident Objectives

See previous SitReps for this information.

1.3 Critical Resource Needs

N/A.

1.4 Strategic Considerations

See previous SitReps for this information.

2.1 Operations Section

FEMA has issued Mission Assignments to EPA to staff the ESF#10 desk at the FEMA AFO, to conduct ESF#10 operations for HHW and orphan containers and to conduct debris removal.

See previous SitReps for previous information. The following is a summary of each day in this reporting period:

1/23/2016 - Two HHW and one orphan collection teams were active. Six debris removal teams were active. HHW collections continue in tandem with debris pickup, with one orphan container team picking up hazmat containers (not related to curbside materials) as they are identified. Preparations were made for river/boat operations to begin tomorrow. JTF members met with the EPA Fenton ESF#10 Field Operations office to discuss EPA operations and future planning and reporting. It was decided that the "2-1-1 call line" established for Missouri and Illinois, followed-up on by the corresponding AmeriCorps reporting of "mucking and gutting" addresses, will become the final barometer used to measure successful completion of the C&D debris Mission Assignment.

1/24/2016 - Two HHW collection teams were active. Six debris removal teams were active. River recon/collection teams began operations, initially focusing on collecting known containers/drums and conducting additional reconnaissance on the Meramec River.

1/25/2016 - Two HHW collection teams, four river recon/collection teams and five debris removal teams were active. "Mucking and gutting" of impacted homes continues, averaging approximately 30 homes per day, creating a constant inflow of debris to be picked up. Operations/Command is working with Region 7 Counsel on access issues for collection of orphan containers along the impacted rivers.

1/26/2016 - Two HHW collection teams, four river recon/collection teams and five debris removal teams were active. River/recon teams continued the collection of containers/drums on the Meramec River. Debris removal team activities included the removal of a large number of pallets, sandbags and astro-turf, as well as several teams continuing post-"muck and gut" runs in various communities. FEMA, EPA and the Jefferson County Parks Division Manager met to discuss the EPA plan to clear debris and sediment at the large vegetative debris field at Jefferson County Winter Park. The entire grinding/mulching operation is expected to take 6-8 days. In an effort to shrink the size of the AFO Jefferson Barracks Debris Task Force, several reporting processes will be transferred to the EPA Fenton ESF#10 Field Operations office. USACE met with EPA to discuss AFO daily reporting responsibilities.

1/27/2016 - Two HHW collection teams, four river recon/collection teams and five debris removal teams were active. River/recon teams continued the collection of containers/drums on the Meramec River. Debris removal team activities included the completion of removal of a large number of pallets, sandbags and astro-turf, as well as several teams continuing post-"muck and gut" runs in various communities. Forty-four pallets of e-waste have been sent for recycling to date, as well as 30.2 tons of scrap metal. EPA took the lead on daily reporting that was previously being completed by AFO personnel.

1/28/2016 - Field operations were in the midst of significant "right-sizing". Two HHW collection teams were active. River collections were less than expected and HHW collection and debris removal were decreasing. River recon/collection teams were reduced from four to two teams and debris removal teams went from five to four teams - an overall reduction of approximately 14 contractor personnel over the past few days.

1/29/2016 - Two HHW collection teams, two river recon/collection teams and four debris removal teams were active. No debris removal is scheduled after noon on Saturday and all day Sunday, due to the cost of opening the landfill and the lower amounts of debris being generated.

AFO ESF#10 has received 14 completion release forms from community leaders to date (Arnold, Byrnes Mill, Eureka, Herculanenum, Kimmswick, Kirkwood, O'Fallon, Pacific - effective 1/31/2016, St. Charles (City), St. Peters, Union, Valley Park, Jefferson County, St. Charles County - effective 1/31/2016); six release forms are yet to be received (Fenton, Florissant, Portage Des Sioux, West Alton, Franklin County, St. Louis County).

N/A.

2.1.4 Progress Metrics

Debris Production Overview

DEBRIS REMOVED & DISPOSED	Total Estimate	Last 24 Hours	Total To Date	% Complete
DEBRIS – CY	7439	104	7075	95%
DEBRIS – Tons	2480	35	2358	95%
SAND – Tons	1168	0	1168	100%

Zone	TOTAL ESTIMATE			LAST 24 HOURS			TOTAL			% COMPLETE	
	DEBRIS TON	DEBRIS CY	SAND TON	DEBRIS TON	DEBRIS CY	SAND TON	DEBRIS TON	DEBRIS CY	SAND TON	DEBRIS TOTAL /C&D	SAND TON

2.2.1 Anticipated Activities

2.2.1.1 Planned Response Activities

Continued staffing the FEMA AFO and provide assistance, as needed, to the state.

Continue HHW collection documenting each pass through neighborhoods.

Continue general debris recovery documenting each pass through neighborhoods.

Continue orphan container recovery.

The Region 7 REOC continues to be activated to assist with all field operations.

2.2.1.2 Next Steps

Mulching/grinding of the large vegetative debris field at Jefferson County Winter Park is scheduled to begin on Monday, February 1, 2016. Prep work at this area is ongoing.

Field operations continue to contract. River recon/collections will conclude this weekend and HHW collections and debris recovery are decreasing. A demobilization plan is being drafted. The number of teams and/or overall personnel will continue to decrease into next week.

2.2.2 Issues

Extreme cold conditions and problematic orphan container recovery are possible issues.

2.3 Logistics Section

Currently, nine EPA personnel have been mobilized and each will take care of their own logistics.

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

2.5.1 Safety Officer

EPA Roy Krueger and MDNR Steve McLane are acting as the official Safety Officers. FOSC Adam Ruiz is acting as the on-site Assistant Safety Officer.

2.5.2 Liaison Officer

N/A.

2.5.3 Information Officer

An EPA information officer from the Kansas City Regional office is coordinating with the disaster related JIC.

3. Participating Entities

3.1 Unified Command

FEMA, EPA, MDNR

3.2 Cooperating Agencies

Missouri National Guard, AmeriCorps

4. Personnel On Site

EPA - 9

MDNR - 4

START - 5

ERRS - 42

5. Definition of Terms

N/A.

6. Additional sources of information

6.1 Internet location of additional information/report

Please refer to: www.epaosc.org/missourifloods2015.

6.2 Reporting Schedule

SitReps will be completed weekly or as the situation warrants.

7. Situational Reference Materials

Please refer to the documents section on: www.epaosc.org/missourifloods2015.