

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Crooked River Fryer Oil Release - Removal Polrep
Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: POLREP #3
Final
Crooked River Fryer Oil Release
E13513
Alanson, MI
Latitude: 45.4441778 Longitude: -84.7867115

To:
From: Paul Atkociunas, OSC
Date: 7/26/2013
Reporting Period: 6/15/2013 - 7/26/2013

1. Introduction

1.1 Background

Site Number:	E13513	Contract Number:	
D.O. Number:		Action Memo Date:	
Response Authority:	OPA	Response Type:	Emergency
Response Lead:	PRP	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	6/12/2013	Start Date:	6/12/2013
Demob Date:	6/25/2013	Completion Date:	6/25/2013
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:	E13513	Reimbursable Account #:	

1.1.1 Incident Category

Emergency Response

1.1.2 Site Description

The Crooked River Fryer Oil Release is the site of an oil discharge. The discharge was due to a vehicular accident near the intersection of M-68 and M-31. The accident involved a passenger vehicle and a semi-truck carrying used fryer oil. The accident resulted in the release of approximately 2,500 gallons of fryer oil from the truck. The fryer oil entered the storm sewer system in the M-31 right of way and was released to the Crooked River via the storm sewer.

1.1.2.1 Location

Near the intersection of M-68 and M-31 in Alanson, Emmet County, Michigan.

1.1.2.2 Description of Threat

On June 11, 2013 fryer oil was discharged into the Crooked River from a vehicular accident. On June 12, 2013 the United States Coast Guard (USCG) reported a release of fryer oil to the Crooked River (NRC 1050114). On the morning of June 12, 2013 USCG personnel arrived on-scene and documented fryer oil in the Crooked River.

U.S. Environmental Protection Agency (EPA) On-Scene Coordinator (OSC) Paul Atkociunas documented that fryer oil traveled approximately 3.9 miles from the point of the release along the Crooked River. On June 12, 2013 at approximately 1600 hours OSC Atkociunas assumed federal control of the incident from the USCG.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

On June 12, 2013, EPA observed product in the storm sewer system and in the drainage ditch leading to the Crooked River. EPA also documented pockets of product along 2.2 miles and pockets of sheen along approximately 3.9 miles of the Crooked River. The responsible party mobilized contract support and began to collect oil in the sewer system and drainage ditch at approximately 1620 hours on 6-12-13.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

2.1.2 Response Actions to Date

EPA, USCG, Alanson Fire Department and Michigan Department of Environmental Quality (MDEQ) responded to the Crooked River Fryer Oil Release Site. On June 11, 2013 the Alanson Fire Department contracted the installation of sorbent boom in an oxbow immediately down river of the release point and at the confluence of the drainage ditch and Crooked River. The responsible party (RP) mobilized multiple contractors and initiated cleanup operations on June 12, 2013. Initial cleanup operations consisted of the following: deployment of additional sorbent boom in the drainage ditch; application of sorbent pads within the drainage ditch; the removal of product from the drainage ditch via vacuum truck; and the removal of product from the storm sewer system via vacuum truck. For activities prior to June 15, please review Polreps 1 and 2.

On the morning of June 15, the Crooked River was reopened for public use. The Emmitt County Sherriff Marine Unit agreed to patrol the river and enforce a No Wake Zone policy in locations where response personnel were conducting operations. Charlevoix Cheboygan Emmet – Office of Emergency Management coordinated with media outlets to notify the public of the No Wake Zone Policy where responders were working.

On 6/15/2013, RP Contract Staff continued to contain and collect oil along impacted areas of Crooked River. Response efforts focused on inlets to the river, including the Crooked River Lodge and Admirals Point. RP Contract Staff removed containment boom at Mission Road and the confluence of the Crooked River and Burt Lake. EPA conducted a boat tour of the river with a Charlevoix Cheboygan Emmett Office of Emergency Management Representative. Sheen was fracturing into white globules due to weathering and/or degradation.

On 6/16/2013, RP Contract Staff continued to contain and collect oil along impacted areas of the Crooked River. Response efforts were focused at several inlets to the river. The OSC conducted a boat tour of the Crooked River with the Emmitt County Sherriff Marine Unit and did not observe recoverable oil. RP Contract Staff demobilized boats and personnel from the Site. OSC Atkociunas demobilized from Site.

On 6/17/13, RP Contract Staff demobilized the Frac Tank. On 6/19, 6/20 and 6/25, RP Contract Staff remobilized to the Site to collect oil / grease / globules that accumulated in several areas of the Crooked River. Collection efforts focused on Admiral's Point, the Crooked River Lodge inlet and several residential locations. Change in current / wind patterns may have dislodged vegetable oil that was accumulated in vegetation. Local Emergency Management Officials communicated any community concerns to the EPA and RP Contract Staff, who addressed the issues/pockets of material. EPA Contract Staff conducted oversight periodic visits of the operations. Active response efforts were completed on June 25.

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

On June 12, 2013 OSC Atkociunas issued a written Notice of Federal Interest to the PRP. On the morning of June 13, 2013 at approximately 0600 hours OSC Atkociunas issued a verbal Notice of Federal Interest to the PRP.

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
Water / Kitchen Grease	liquid	44,350 gallons	006662115 FLE 006662116 FLE 006662072 FLE 006662113 FLE 006662114 FLE 006662071 FLE 006662079 FLE 006662084 FLE 006662085 FLE 006662086 FLE 006662087 FLE 006662117 FLE	Northern A-1, Kalkaska, MI	
Kitchen Grease Absorbents / PPE	solid	45 drums	Bills of Lading		Northern A-1, Kalkaska, MI

R5 Priorities Summary		
This is an Integrated River Assessment. The numbers should overlap.	Miles of river systems cleaned and/or restored	6
	Cubic yards of contaminated sediments removed and/or capped	N/A
	Gallons of oil/water recovered	44,350

	Acres of soil/sediment cleaned up in floodplains and riverbanks	N/A
Stand Alone Assessment	Acres Protected	7
	Number of contaminated residential yards cleaned up	N/A
	Human Health Exposures Avoided	1,000
	Number of workers on site	30
Contaminant(s) of Concern		
Contaminant(s) of Concern	Used vegetable oil.	

2.2 Planning Section

2.2.1 Anticipated Activities

2.2.1.1 Planned Response Activities

None.

2.2.1.2 Next Steps

Pursue Cost Recovery.

2.2.2 Issues

2.3 Logistics Section

NA

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

No information available at this time.

3. Participating Entities

3.1 Unified Command

3.2 Cooperating Agencies

United States Coast Guard
 Alanson Fire Department
 Charlevoix Cheboygan Emmett Counties - Office of Emergency Management
 Emmett County Sheriff's Department
 Emmett County Sheriff's Marine Division
 Michigan Department of Environmental Quality
 MDNR
 Village of Alanson
 Tip of The Mitt Watershed Council

4. Personnel On Site

At the time of Polrep Issuance, response personnel were demobilized.

5. Definition of Terms

No information available at this time.

6. Additional sources of information

6.1 Internet location of additional information/report

The OSC has posted additional information to:
www.epaos.org/crookeddriverspill

6.2 Reporting Schedule

This is the final Polrep for the response.

7. Situational Reference Materials

No information available at this time.