

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Howard Hanson Dam/Green River Flood Planning - Polrep/Sitrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region X

**Subject:** SITREP #3  
Progress Report  
Howard Hanson Dam/Green River Flood Planning  
Seattle, WA  
Latitude: 47.6095599 Longitude: -122.3330191

**To:** Calvin Terada, EPA R10  
Chris Field, EPA R10  
Thomas Eaton, EPA Region 10 (POLREP List)  
Lori Cohen, ECL  
Dan Opalski, EPA Region 10 (POLREP List)

**Thru:**

**From:** Andy Smith, Incident Commander

**Date:** 11/13/2009

**Reporting Period:** Nov 6 - Nov 13, 2009

**Executive Summary**

No information available at this time.

**1. Introduction**

**1.1 Background**

<b>Site Number:</b>	<b>Contract Number:</b>
<b>D.O. Number:</b>	<b>Action Memo Date:</b>
<b>Response Authority:</b>	<b>Response Type:</b>
<b>Response Lead:</b>	<b>Incident Category:</b>
<b>NPL Status:</b>	<b>Operable Unit:</b>
<b>Mobilization Date:</b>	<b>Start Date:</b>
<b>Demob Date:</b>	<b>Completion Date:</b>
<b>CERCLIS ID:</b>	<b>RCRIS ID:</b>
<b>ERNS No.:</b>	<b>State Notification:</b>

**1.2 Incident Objectives**

No information available at this time.

**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**

**2.1.2 Response Actions to Date**

Last Thursday, the US Army Corps of Engineers lowered the risk of flooding from 1-in-4 to 1-in-25 due to repairs on the Howard Hanson Dam.

ER Response Planning (Andy Smith)

The Hazmat and Oil Response Plan for Green River Flooding has been shared with START and ERRS for their information and planning needs.

Ecology is setting up times for outreach on our response plan with local and county planners.

Superfund Sites (Howard Orlean)

No updates to report.

GIS Support (Scott Augustine)

Scott did further analysis of likelihood of flooding along the Duwamish River. This section of the river is of interest to EPA because of location of the Emergency Response Warehouse and the Lower Duwamish River Superfund site.

Scott has concluded that even for the worst case scenario of a high-end 23,000 cfs discharge combined with a 100-year tidal level, the expected rise in river level would be less than two feet. At River Mile 4.5 where the ER warehouse is located, the acceptable margin of error is huge due to the large capacity of the river and the large area in which the flood waters would be dissipated upstream once over-bank flow started. The hydro modeller in OEA also concurs that the modelling results indicate a very low chance that the warehouse would be affected by a dramatic increase in a Howard Hanson Dam release.

All American Metal Finishing (Diane Dettling)

No updates to report.

King County Public Health Environmental Sampling Support (Michael Boykin)

No updates to report.

ESF-10 Response Plans (Josie Clark)

FEMA is sending flood plan to Senator Patty Murray today.

FEMA ESF-10 Desk Officer Staffing (Michael Sibley)

No updates to report.

Water Infrastructure Response Team (Eric Winiecki)

Eric is trying to find a contact within US Army Corps of Engineers (ESF-3) who would likely be responsible for a water infrastructure mission assignment from FEMA. The EPA could be asked by USACE to support them in such a mission assignment. The likelihood of such a request seems remote, seeing as the state, county, and city likely would have capacity to assess water infrastructure.

The lack of a water security coordinator is not impeding progress of the WIRT as indicated in last week's SitRep.

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

**2.1.4 Progress Metrics**

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

**2.2 Planning Section**

No information available at this time.

**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.

SITREP #3 Last Updated 11/25/2009