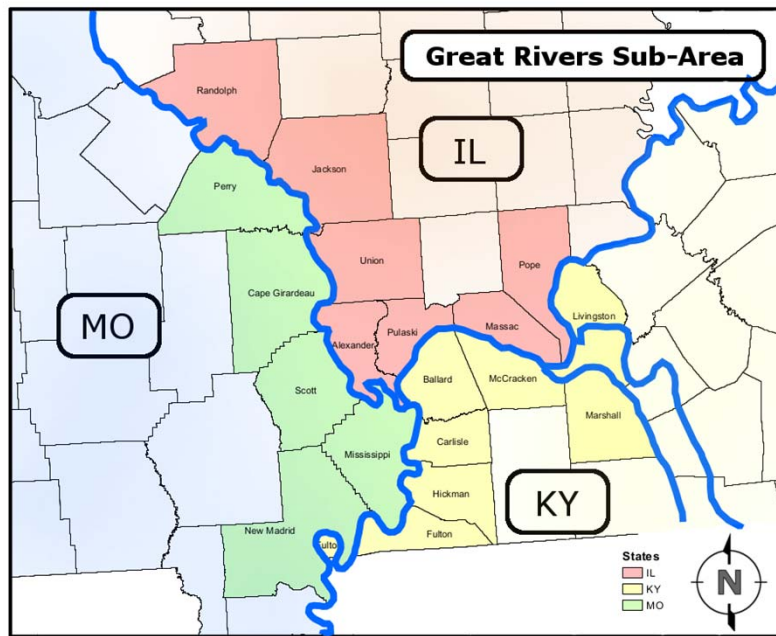


Great Rivers Sub-Area



October 2018

Great Rivers Participants

- EPA R4, R5, & R7 (R6)
- USCG
 - Upper Mississippi River Sector
 - MSU Paducah
 - Ohio River Valley Sector
- Other Federal Agencies (i.e., USFWS, COE, DOT)
- State Agencies (IL, KY, MO) (AR & TN)
 - Emergency Response
 - Emergency Management
 - Conservation/Natural Resource Management
- Local EMA/LEPCs
 - Counties bordering rivers

How the Sub-Area came to be

- 2007 - 2010 Idea developed and meetings held between EPA and the Missouri Department of Natural Resources (MDNR)
- 2011 First Great-Rivers Sub-Area meeting in Cape Girardeau, MO. Follow-up meetings in Paducah, KY; Murphysboro, IL; Caruthersville, MO. Established the Kentucky, Illinois, Arkansas and Tennessee areas
- 2012 Draft Plan produced, IAP and geographical planning areas introduced
- 2013 Kentucky DEP hosted meeting in Metropolis, IL
- 2013 Draft plan submitted for internal review
- 2015 Great Rivers Charter established
- 2016 Coordination Group formed agreeing to focus on IAPs/GRPs for specific areas (Paducah/Metropolis first)
- 2018 On-water field verification (originally scheduled for fall 2017)

**U.S. EPA REGION 4 & 5
U.S. COAST GUARD
ILLINOIS and KENTUCKY
GREAT RIVERS – PADUCAH/METROPOLIS
SPILL RESPONSE PLAN
INITIAL INCIDENT ACTION PLAN (IAP)**



INCIDENT ACTION PLAN

The Great Rivers – Paducah/Metropolis Spill Response Plan provides updates on area information, specific response organization, and detailed plans for the containment, cleanup and disposal of oil and hazardous substance discharges and releases.

- UTILIZE ICS-234 (RESPONSE CHECKLIST)
- DURING THE INITIAL RESPONSE
- 1st OPERATIONAL PERIOD
- (FIRST 24-HOURS)

Incident Name: _____	ICS – 234 INITIAL RESPONSE CHECKLIST The Great Rivers - Paducah/Metropolis Spill Response Plan	
UNIFIED COMMAND		OPERATION SECTION
Recommended Strategies, Tactics or Tasks		Recommended Strategies, Tactics or Tasks
UNIFIED COMMAND: ☐ Establish Unified Command. Member should include U.S. EPA, USCG, RP, state and local responders. ☐ Establish incident objectives and priorities. ☐ Establish a response organization. ☐ Determine Responsible Parties (RP). SAFETY: ☐ Develop a Health and Safety Plan ☐ Preventive safety work conditions. ☐ Identify hazardous conditions associated with the incident. ☐ Develop a safety message. PUBLIC AFFAIRS: ☐ Gather incident data and information for media briefings. ☐ Conduct media briefings. ☐ Coordinating with County and State emergency managers and local Sheriff, provide emergency communications to impacted public. UNISON: ☐ Establish interagency contacts. ☐ Ensure response agencies are supporting the incident. ☐ Ensure notifications to HRC, downstream states, municipalities, drinking water intakes, and economically sensitive businesses (ORSAPCO).		OPERATIONS: ☐ Contain and sealize spill sources. ☐ Establish perimeter and hot zone. ☐ Develop work assignments. ☐ Develop a spill recovery plan. ☐ Open up the Oil Spill Liability Trust Fund (OSLTF) for a Pollution Response Fund Authorization (PRFA). ☐ Mobilize company responders, local spill CO-OP, first responders, county emergency government and private sector, state and federal responders and their contractors. ☐ Hire a response contractor(s) if RP not adequately responding. ☐ Respond to killed wildlife. Seek assistance from US Fish and Wildlife Service. ☐ See Response Strategies Appendix, if applicable. ☐ Use of chemical agents in the Ohio River is not pre-approved. ☐ Shining agents shall not be used. RIVER OPERATIONS: ☐ Establish river traffic control, river traffic observation, no boating area. ☐ Determine if a safe for response personnel to be in boats on Ohio River. ☐ Establish shore land perimeter control area. ☐ Pile up and secure, if necessary, house boats and base house trailers and occupancies.
PLANNING SECTION		LOGISTICS SECTION
Recommended Strategies, Tactics or Tasks		Recommended Strategies, Tactics or Tasks
PLANNING: ☐ Establish planning cycle. ☐ Collect, process, and display situation information about the incident. ☐ Conduct spill modeling and spill forecasts. ☐ Develop a monitoring plan for water quality. ☐ Identify sensitive resources. See Inland Sensitivity Map. ☐ Conduct spill frequency and time of arrival to predict downstream impacts. ☐ Establish disaster management plan. ☐ Identify spill response resources for next Operational Period.		LOGISTICS/COMMUNICATIONS: ☐ Establish an incident command post for briefings. ☐ Establish communications protocol for the incident. ☐ Acquire additional communications sources if needed. LOGISTICS/PROCUREMENT: ☐ Ensure procurement of materials and supplies. ☐ Obtain authorization to merge and finalize purchases. ☐ Merge and merge contracts/agreements. ☐ Maintain log of all purchases related to the incident.

UTILIZE INITIAL IAP FOR OPERATIONAL PERIOD #2 DEVELOPMENT OF RESPONSE IAP INITIATED PRIOR TO THE 2nd OPERATIONAL PERIOD.

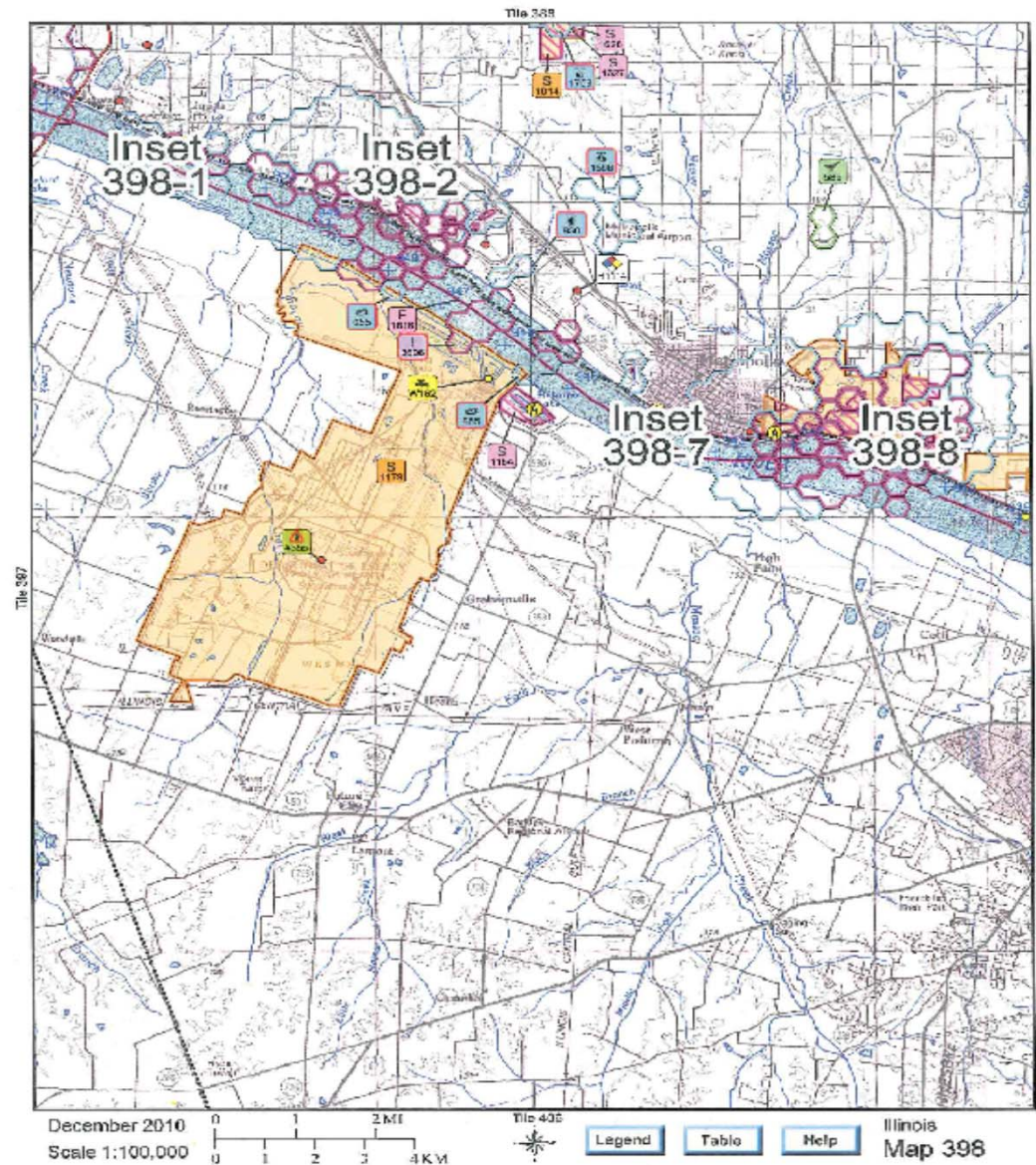
Incident Name _____	2. Operational Period to be covered by IAP (Date/Time) From: _____ To: _____	ICS – 200 IAP COVER SHEET The Great Rivers - Paducah/Metropolis Spill Response Plan
INITIAL INCIDENT ACTION PLAN The items below are included in this Incident Action Plan		
- <u>ICS 202</u> Incident Objectives. (Select from list as appropriate; add more if needed) - <u>ICS 207</u> Incident Organization Chart. - <u>ICS 204</u> Assignment List. (Fill in operations personnel contact name, incident-specific assignments & resource summary) - <u>ICS 205</u> Incident Communication Plan. (Phone/Radio Contact list) - <u>ICS 206</u> Medical Plan. (Medical aid stations, hospitals and emergency procedures) - <u>ICS 223</u> Health and Safety Message. (General Safety Message and Major Hazards/Risks) - <u>ICS 214</u> Unit Activity Log. (Details of unit activity, including team activity or individual activity)		
Other Attachments		
The following attachments are not included in the IAP. Please check and include additional forms, as needed.		
☐ <u>ICS 208 Site Safety and Control Plan(s)**</u> **note: unless otherwise specified, every organization shall respond in accordance with the safety policies and procedures of their respective organizations		
☐ <u>ICS 226 Maps / Charts</u> (See USACE Navigational Charts and Paducah/Metropolis Spill Response Maps. Select and add maps, as necessary)		
☐ <u>Weather Forecasts / River flow – currents – conditions</u>		
☐ _____		
☐ _____		
General Incident Summary		
Incident Information and Incident Status <i>(Include Incident location, latitude/longitude, estimated quantity spilled, spill rate etc.)</i>		

Prepared By: (Name/Title) _____		Date/Time: _____
Approved by: (Name/Title) _____		Date/Time: _____

ICS Forms

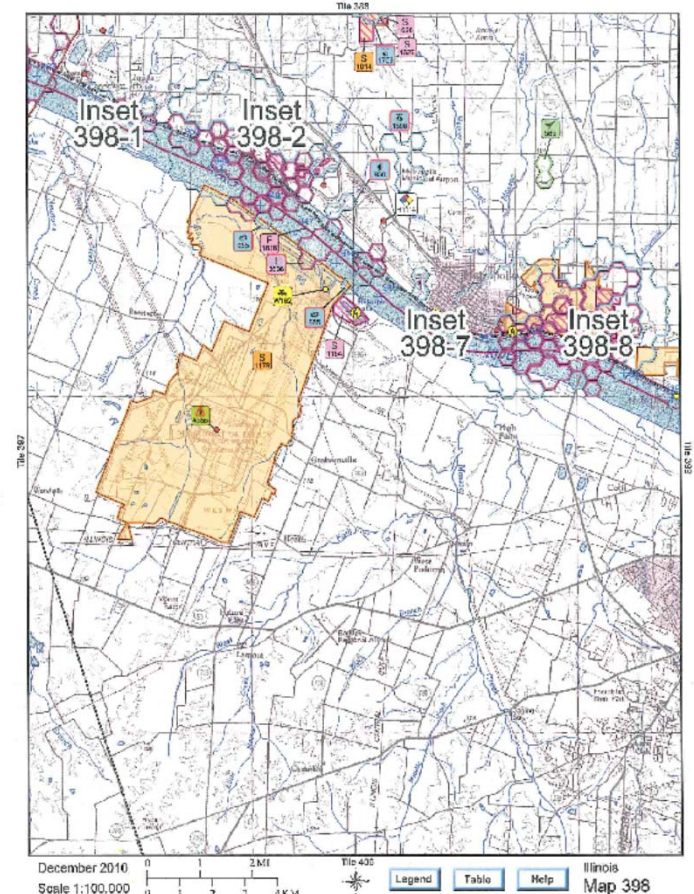
- 234 (Checklist)
- 200 (Cover Sheet)
- 202 (Incident Objectives)
- 207 (Org Chart)
- 204 (Assignment List)
- 205 (Comms Plan)
- Emergency Contact List
- 223 (Health & Safety Message)
- 214 (Activity Log)

Inland Sensitivity Tiles



Purpose (Field Verification)

Inland Sensitivity Tiles



Purpose (Field Verification)

- Identify sensitive receptors and environments that warrant protection in the event of a spill
- Identify appropriate response strategies (collection, exclusion and/or diversion)
- Identify equipment (containment boom) needs
- Identify river access and staging locations
- Identify other unique considerations (river or seasonal conditions)
- Transfer information to a format that is compatible with an IAP / GRP

Paducah, KY & Metropolis, IL
Containment Point Data Sheet

Location Name: 942.2-OR-IL Fort Massac Boat Ramp

General Information

From Completed By: Blaine Kinsley (IEPA)

Date: 08.07.18

Fire Department: NA

County: Massac

Waterway Name: Ohio River

Property Type: Boat Ramp

Tributary of above name stream: NA

Waterway Type: River

Other:

Physical Location

GPS Coordinates (Decimal Degrees) Latitude (W): 37.14278 **Longitude (N):** -88.7108

River Mile (Identify Left or Right descending bank): 942.2

Access Instructions:

Reference Photos: Look toward left descending bank

Property Owner Information

Entity Name: NA

Comments: NA

Address: NA

Phone: NA

City: NA

County Parcel Number: NA

Zip: NA

Email: NA

Containment Point Information

Tactical Purpose: Collection/staging

Boom Length (Feet): 100'

Preferred: X **Alternate:**

Permanent Anchors Installed? NA

Bottom Type: Soil/Sediment

Average Water Depth: NA

Operational Description:

Length of Hose Needed: 30'

Usable during all conditions

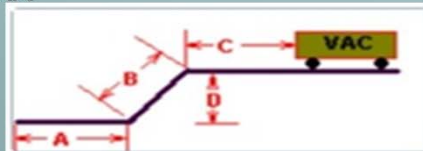
Channel Depth: NA

Avg Channel Width: NA

Bank Description

Bank Type Left: NA

Bank Type Right: Concrete ramp



A – Channel Width: NA

B – Slope Distance: 175'

C – Distance to Operational Area: 100'

D – Elevation Change (Vertical Draw): 30'

Equipment & PPE

Boat Required: No

PPE Information: PFD

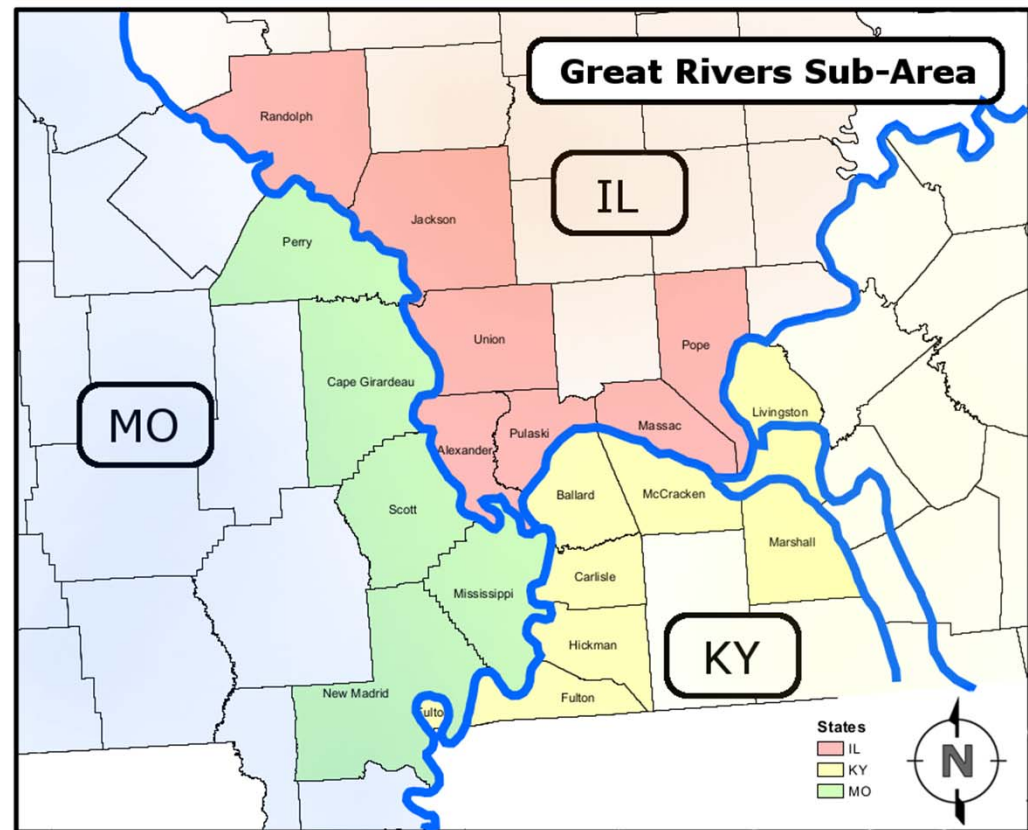


Paducah, KY & Metropolis, IL Containment Point Data Sheet



KEY					
	Booming		Water Flow		Staging Area
	Deflection		Access Point		Collection Point
	Oil Pipeline		Private Access Point		Water Intake

Sub-Area Plan



Last updated 9/29/16

IAP

CAPE GIRARDEAU



INCIDENT ACTION PLAN

Operational Period 1

GREAT RIVERS SUB-AREA
ZONE CAPE GIRARDEAU

This Incident Action Plan (IAP) was developed by US Environmental Protection Agency (EPA), Region 7 to aid in initiating a timely and effective response to spills of oil and/or hazardous substances. It is intended to be used only for Operational Period 1 of the response and at the discretion of the Incident Commander. It is not intended to supersede the direction of the Incident Commander or eliminate needs for ongoing communication during the response.

IAP Approved by Incident Management Team:

ORG	NAME	DATE/TIME
	First Local Incident Commander (Fire Dept., County EMA, Local LEA)	
	First Responding State (MDNR or IEPA)	
	Facility Representative	
	Federal On-scene Coordinator: EPA/USCG	
	USFWS Lead Representative	
	MDNR / IDNR Fish and Wildlife Section Lead Representative	